

Rotational Spectroscopy of Prebiotic Molecules

By

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Abstract

Rotational Spectroscopy of Prebiotic Molecules

Keywords: Rotational Spectroscopy, Computational Chemistry, Structural determination, Chemical Modeling

Experimental rotational spectroscopy is a multidisciplinary field with both interesting molecules and reaction pathways to explore. This has lead to my thesis work blending spectrometer design, computational chemistry, and of course the assignment of spectra. But the keystone of this dissertation is its primary focus on an overlap between laboratory spectroscopy and astrochemsitry with a focus on prebiotic molecules. The three prebiotic molecules investigated herein are glycolic acid, carbamic acid and carbonic acid. Apart from those molecules, a large emphasis of this work was progression of understanding of $O(^1D)$ insertion reactions, an experimental method to create terrestrially unstable molecules. This assortment of molecules and challenges captures the multidisciplinary nature of the field, leaving this dissertation wide in its scope and application.

Chapter 1. Acknowledgements

“Commit thy works unto the LORD, and thy thoughts shall be established.”

–Proverbs 16:3

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Chapter 2. Introduction & Background

2.1. Observing Molecules in the Interstellar Medium

One may mistakenly conclude that, given the harsh void of space, no chemistry of note is occurring there. Interstellar space has a baseline temperature of ~ 3 Kelvin and it is a nearly perfect vacuum at a pressure below 10^{-14} Torr. Chemistry often requires input energy to drive reactions, and of course molecules need to collide with each other. This means that interstellar space is not particularly well-suited to drive complex chemistry. But, in fact, astrochemistry is a rich, interesting, and multidisciplinary field. Molecules in space slowly collide on the surfaces of ice grains and react to form new species. Ions and radicals form from interactions with cosmic rays. Gas-phase collisions sped up by the attraction of ions to a molecule with a dipole moment lead to the development of complex organic molecules. Despite the harsh conditions, the chemistry of space is quite complex.

Astrochemistry as a research field is comprised of three main approaches: observational astronomy, astrochemical modeling, and laboratory spectroscopy. Observations are conducted by telescopes, both land and space based, such as the Atacama Large Millimeter/submillimeter Array (ALMA), the Northern Extended Millimeter Array (NOEMA), the Stratospheric Observatory for Infrared Astronomy (SOFIA), the Herschel Space Observatory, and many more. These telescopes constantly obtain new spectral data dense with molecular transitions. These transitions reveal the chemistry occurring in various environments ranging from diffuse clouds to star-forming regions. Astrochemical modelers can use this information to confirm reaction pathways and pro-

pose new molecules for which to search. The observed spectral transitions arise from a complex mixture of molecules, many of which have not been investigated experimentally. Given the combination of unassigned telescope data and the predictions provided by modeling, there is no shortage of molecules for which to search. Thus, astrochemistry requires the production of high-quality, well-resolved laboratory spectra of molecules large and small. This collection and analysis of laboratory spectra is the focus of my thesis work.

2.1.1. Small Organic Molecules

The research presented herein is focused on prebiotic molecules, or the molecules that may go on to form species such as amino acids or other signifiers of potential life. These are also called interstellar complex organic molecules, or iCOMs, which are defined as organic molecules with 6 or more atoms [1]. Though that number may not seem very complex given the comparison to terrestrial molecules, molecules of this size are quite large for the environment of interstellar space. More than 300 molecules have been detected in the interstellar medium or circumstellar shells, of which nearly 140 are iCOMs. Molecules of size up to 70 atoms have been detected. As the size of molecules observed continues to increase, this exponentially increases the number of potential molecules that could be present in space. Though many methods of automation are being developed in the field to expedite the detection of molecules in the ISM, there will always be a need to confirm the transitions of molecules in a laboratory setting to provide the accurate rest frequencies needed to guide observational searches.

2.2. Rotational Spectroscopy

One of the dominant methods of molecular detection in the interstellar medium is rotational spectroscopy, which is primarily observed in the microwave regime (1–100 GHz) and the millimeter/sub-millimeter regimes (100–1000 GHz). Rotational spectroscopy has many advantages, including the achievable spectral resolution and the

ability to distinguish complex molecules in a mixture. Every molecule, or any three dimensional object, has three moments of inertia (I_a , I_b , I_c) about its primary axes (a, b, c). A moment of inertia about one of these axes, I_q , where $q = a, b, \text{ or } c$, is determined by a relationship of atomic mass (m_i) and radii from the center of mass (r_i) for all atoms in a molecule that have a position vector along axis q . The moment of inertia on a primary axis is defined as:

$$I_q = \sum_i m_i r_i^2$$

These moments of inertia determine the rotational energy levels of a molecule through their relationship to the rotational constants (A , B , C).

$$A = \frac{h}{8\pi^2 I_a}, B = \frac{h}{8\pi^2 I_b}, C = \frac{h}{8\pi^2 I_c}$$

It is combinations of these rotational constants that define the rotational energy levels, and thus define the frequencies of rotational transitions. Therefore, there is a direct relationship between rotational spectroscopy and molecular structure. This results in a unique set of rotational constants for every molecule, and hence a unique rotational spectrum for every molecule. For example, consider the cases of either two molecular conformers or two isomers. Though in both cases they share the same atoms, they will have different spectra because their structures, and hence their moments of inertia, differ. Likewise, molecular isotopologues, two molecules that are identical except for an isotopic substitution, are discernible given the change in mass between the two. When dealing with small iCOMs, these differences lead to changes in the rotational spectra of the target molecules that can easily be resolved using standard rotational spectroscopic techniques. This is why this approach is so powerful in detection of new molecules in the ISM.

2.3. Dissertation Overview

My thesis work has focused on the spectroscopic characterization of iCOMs to guide observations. This dissertation is organized as follows:

- Chapter 2 explains the foundations of experimental rotational spectroscopy including instrumentation, data acquisition, and computational modeling.
- Chapter 3 presents the details of the spectral extension of glycolic acid into the submillimeter regime.
- Chapter 4 focuses on $O(^1D)$ insertion reactions and the benchmarking done for experiments to study this chemistry.
- Chapter 5 gives new insights into the $O(^1D)$ insertion reaction with methane to form methanol.
- Chapter 6 gives a rigorous theoretical analysis of the $O(^1D)$ reaction with formamide.
- Chapter 7 provides insights from an experimental attempt to form carbonic acid from $O(^1D)$ and formic acid.
- Chapter 8 gives a summary of the results presented and potential future work related to each of these projects.

Chapter 3. Experimental & Theoretical Methods

3.1. Overview

The low temperatures and densities of space allow stabilization of many molecules that would otherwise react away on short time scales in terrestrial environments. Therefore, as the field moves forward, we must develop clever solutions to produce reactive species in the gas phase to enable their spectroscopic characterization. Here I will summarize the experimental and computational methods used in my investigations of the rotational spectra of prebiotic molecules. This Chapter includes descriptions of sample preparation methodology, experimental designs, and computational approaches.

3.2. Gas phase spectroscopy

Millimeter and submillimeter spectroscopy is fundamentally a gas-phase technique. Investigating rotational transitions requires the molecule to freely rotate, which is not possible in other phases of matter. There are multiple ways to deliver molecules into the gas phase for detection, and the spectroscopic approach that is utilized must incorporate these varying methods. In some cases, the sample may already be in the gas phase, so that it can be deposited into the vacuum chamber in controlled amounts and observed at an easily-controlled pressure. However, as the field progresses, many of the stable gas-phase species have been characterized. More creative production mechanisms and methods for getting the molecule into the gas phase are therefore required. The most straightforward method relies on the heating of a sample, liquid or solid, in order to obtain a gas-phase sample. This opens up the majority of iCOM species to gas-phase



Figure 3.1: Flow/static cell experiment

detection after some finessing. The use of a high pressure bubbler for delivery of the vapor above a liquid sample is also a useful approach. However, once again this limits the set of molecules that can be studied by their vapor pressure. More aggressive methods include laser vaporization of solids to temporarily produce minute amounts of gas-phase sample, or *in situ* production of the target molecule via laser-induced chemistry, plasma discharges, or other approaches. Various spectrometers have been developed to couple these production approaches with the optical setup. Those used in the research presented herein are detailed below.

3.2.1. Direct Absorption Spectroscopy in a Flow and Static cell

A commonly used approach in rotational spectroscopy is to use a long pathlength cell attached to a vacuum pump. Experiments in these cells either subject the cell to continuous pull from a vacuum pump, enabling flow of the sample, or run the cell under a static pressure. We have an instrument that serves both of these functions by simply including a gate valve at the start and end of the cell. The instrument used in my experiments is shown in Figure 3.1. The sample enters at one end of the cell and flows through the cell via a vacuum pump attached at the opposite end of the cell. A pressure gauge is attached to the cell to record the pressure as sample is added. For static treatment, a set amount of sample is added and then the two gate valves are closed, holding the cell at a set sample pressure. The entire cell can also be wrapped in heating

tape in order to prevent samples from condensing onto the walls.

The long pathlength of the cell is ideal for direct absorption experiments based on the Beer–Lambert Law:

$$A = \epsilon lc$$

Here, A is absorption, ϵ is molar absorptivity, l is path length, and c is the concentration of sample. In an ideal scenario, a long pathlength cell filled with high sample concentration will enable strong spectral detections.

The cell is a 2-meter-long stainless-steel tube with 2 inch inner diameter. It is usually filled with 10 – 20 mTorr of sample pressure that is maintained throughout the experiment. This pressure gives optimized signals, where pressure broadening is balanced against line intensity. The spectrometer used for my experiments was described in detail previously [3]. To summarize, a microwave synthesizer (Agilent Technologies, E8257FD PSG) supplied radiation at 0 to 50 GHz, which was multiplied to the target frequencies using a Schottky diode-based frequency multiplier (Virginia Diodes, Inc. AMC 166 B). The multiplier chains employed in this work were the base system (multiplication number), a WR10 (tripler), and a some combination of the following: a WR 5.1 (doubler), WR 3.4 (tripler), WR2.2 (doubler), WR1.5 (tripler), and WR1.0(tripler). The output of the synthesizer was modulated via frequency modulation at 15 kHz with a depth of 10 kHz. The millimeter/submillimeter radiation was focused into the flow cell via Teflon lenses and detected at the other end of the cell using a liquid helium cooled InSb hot-electron bolometer (QMC Instruments QFI/2BI). Spectral data were collected at a step size of 0.1 MHz; observed full-width-half-maximum line widths determined from the second-derivative line shapes were on the order of 1 MHz.

We employ hot-electron bolometer detectors for all rotational spectroscopy performed in the Widicus Weaver group. The work presented herein entirely used an InSb detector, but there are other semiconductors optimized for use in other regions of the submillimeter spectral regime. A hot-electron bolometer works by cooling the semiconductor junction with helium such the the band gap is lengthened. A resistance is read

across this lengthened band gap. As light bombards the bolometer, it heats the material, shortening the band gap, and changing the resistance. As molecules absorb the light, less light hits the bolometer and a sharp change in resistance is observed. Details of the data collection and signal processing techniques used with this setup are given below.

3.2.2. Pulsed Supersonic Expansion Experiments

The flow cell experiments are extremely useful for measurements of stable or comparatively long-lived target molecules. In addition, the flow cell can be useful to observe higher temperature samples because it is easily heated. However, for short-lived or reactive samples, other sample handling approaches are required. In our experiments, we use a supersonic expansion created by a pulsed valve. If a high pressure gas is pulsed through a valve and into a vacuum chamber through a pinhole, the gas pulse creates an adiabatic expansion which cools the molecules. If the target molecule is seeded in an inert gas, like argon, this minimizes reactive collisions and stabilizes the products at extremely low temperatures. A supersonic expansion has multiple components, see Figure 3.2. While the molecules in the barrel shock and the Mach disk are warm, those in the zone of silence are cooled and reactive collisions are minimized.

3.2.3. Pulsed Laser Experiments

In the work presented here, a supersonic expansion has been coupled with a molecular source that relies upon laser-induced chemistry to create the target molecule. Here, a large vacuum chamber is connected to a high throughput pumping system. The chamber is composed of six flanges. The top chamber flange connects to the vacuum system. The bottom flange holds the sample inlet, pulsed valve, and a translation stage assembly. The translation stage allows for aligning the gas expansion with the spectrometer beam. Two of the side flanges are then reserved for the spectrometer beam entrance and exit. An optics breadboard outside of the entrance flange holds the multiplier chain source, while another breadboard outside of the exit flange holds the hot electron bolometer detector. Lenses are used to focus the beam onto the supersonic expansion. Windows

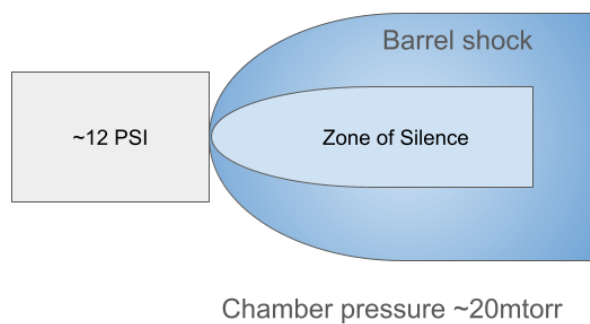


Figure 3.2: Schematic of supersonic expansion.

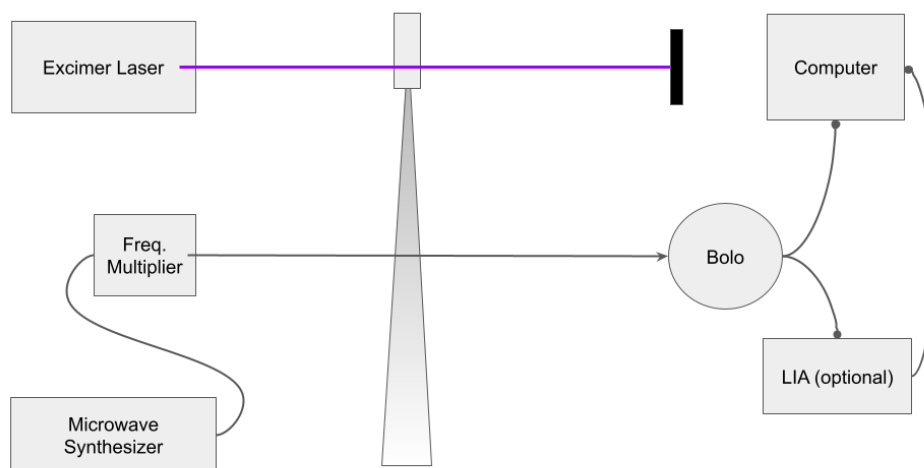


Figure 3.3: Schematic of pulsed valve experiments.

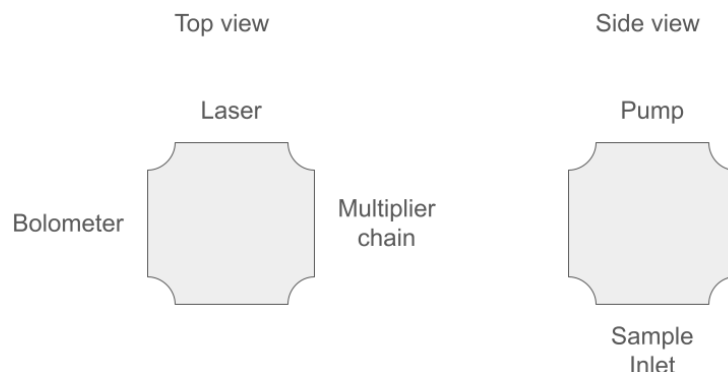


Figure 3.4: Top and side views of chamber.

are installed in the vacuum flanges so that the light can pass in and out of the chamber. The laser beam enters the chamber at 90 degrees to the light path, through one of the other two side flanges. The last of the six flanges is used for access to the chamber and source.

The pulsed valve is inserted into the middle of the chamber. Attached to the pulsed valve is a quartz reaction tube. It has the same inner diameter as the pulsed valve (1 mm). This means that the expansion begins after the gas exits the tube. Addition of the tube allows for the laser to be focused on different positions of the tube and thus change the length of time for molecules to react before entering the expansion.

3.3. Spectral data Acquisition

There are two main approaches to data acquisition that have been used in the experiments described herein. These are detailed below.

3.3.1. Frequency Modulated Spectral Acquisition

A scanning routine used for spectral acquisition has been adapted from that used by the Jet Propulsion Laboratory (JPL) molecular spectroscopy group. This data acquisition technique employs a lock-in amplifier and frequency modulation in order to reduce the noise of the spectra. In our research, the output signal from the detector is processed by a Stanford Research Systems SR830 DSP lock-in amplifier using $2f$ detection referenced to the modulation signal that is applied to the synthesizer output. This method is incredibly useful for collecting large amounts of data over a long period of time, but the data acquisition is time-consuming. Each frequency step must be collected individually, and the time for collection depends on both the scanning speed of the frequency synthesizer and the response time of the detector. The JPL routine traditionally serves two functions: detection of molecules, as previous explained, and power measurements when aligning the system. For the detection of molecules, a frequency modulation is applied to the signal with a modulation depth set to 15 kHz, while the lock-in amplifier is run at a time constant of 30 ms, 2nd detection harmonic, and normally between 5–500 mV sensitivity. For power measurements during system alignment, amplitude modulation is used with a frequency of 15 kHz and a modulation depth of 4%. The lock-in amplifier is set to a time constant of 30 ms, 1st detection harmonic, and normally the maximum sensitivity of 1 V.

3.3.2. Fast-sweep Spectral Acquisition

Traditional scanning using a synthesizer and lock-in amplifier as described above is very time consuming. This can be overcome at low frequencies by employing chirped-pulse techniques. [4, 5] But at higher frequencies, such approaches cannot be implemented with commercially-available instrumentation. The Widicus Weaver group has therefore developed a technique called fast-sweep spectroscopy that combines approaches from both techniques. [6] Rather than scanning point-by-point across a high resolution spectrum, in fast-sweep each frequency point is replaced by a triangle wave

that sweeps back and forth over a range of frequencies. If the timing is set to correspond with the timing of the pulsed valve and the response time of the detector, spectral data can be collected across this entire range rather than just one frequency point. In the implementation of fast-sweep in my experiments, five segments of the triangle wave are used for each data point; the molecular signal is positioned using a digital delay generator such that it is detected in the first sweep of the triangle wave. The last segment of the triangle wave is used as a background after the pulsed molecular sample has been evacuated from the chamber. This means that a range of frequency coverage is collected with each datapoint, rather than one single frequency. Once collected, the data are processed and a simple background subtraction is performed. See Figure 3.5 for an overview of the signals in fast-sweep.

One advantage of fast-sweep is that it eliminates challenges introduced by duty cycle. The JPL routine is a continuous data collection method, which is incredibly useful in a flow cell experiment where sample is constantly present. However, in a pulsed experiment this means that the JPL routine averages the data of both the on and off pulse signals. With fast sweep, the first triangle wave overlaps entirely with the pulsed signal, while the last sweep, which is used as the background, overlaps entirely with the dead time between pulses. In this way, only the on signal is considered in signal averaging.

This technique is commonly applied in two phases. The first phase utilizes a broad sweep that acquires large windows of data in a short amount of time. The goal is to cover a large spectral bandwidth to aid in searches for molecules based on theoretical predictions or when searching for all reaction products that may not be predicted or expected. This approach is useful for obtaining many averages across a large spectral window. However, the rapid scanning across a broad frequency range does cause the line centers to drift, reducing accuracy. Fast-sweep scanning is therefore often coupled with a second phase of data collection, using narrow spectral scans centered on potential peaks that were observed during the first phase. In this way the spectra can be refined

and frequency accuracy can be increased. As shown in Figure 3.6, the frequency error improved from 0.5 to 0.1 MHz as the sweep range was reduced from 24 MHz to 3 MHz.

3.4. Computational Work

Before beginning an experimental search for any molecule, it is helpful to perform computational studies to optimize the molecular geometry so that a spectral prediction can be generated. Both Gaussian 16 [7] and CFOUR [8] program packages were utilized in this research. For simple approximations of small molecules, geometries and rotational constants determined using density functional theory (DFT) at the b3lyp-631G* level of theory can often provide useful estimates. However, when looking for more complex molecules, a high-precision set of molecular constants will minimize the amount of spectral coverage one has to collect in order to detect a new molecule. The gold standard in spectral prediction is the use of coupled cluster methods (CCSD(T)) at higher levels of theory such as PCVTZ. In addition to geometry optimizations, finite difference calculations can be employed to determine centrifugal distortion constants.

DFT and CCSD are both computational techniques that are used to determine the electronic structure of a molecule. DFT uses functionals of spatially dependent electron density rather than discrete wavefunctions, greatly reducing the time computations can take. CCSD(T) however, is a many body calculation that solves for each electron as well as the interactions between these electrons. This provides a more definitive picture but often involves much longer computational times to converge.

3.4.1. Assigning spectra

Once a spectrum has been collected or rotational constants predicted we use a combination of Pickett's spectral assignment and fitting tools in the CALPGM suite of programs; specifically for closed-shell molecules we use SPFIT and SPCAT. [9, 10] I will first discuss the catalog generation tool, SPCAT, as both processes utilize it. This tool

accepts rotational constants, centrifugal distortion constants, dipole moments, and partition functions as inputs and generates a list of rotational transitions and their associated intensities at a specified temperature. The output files from SPCAT are in the standard catalog format used in online databases of rotational spectral lines. The SPFIT program, on the other hand, starts with the input molecular information and a list of assigned spectral lines to perform a least-squares fit of the parameters in the Hamiltonian. SPFIT iteratively refines the rotational constants and centrifugal distortion constants to minimize the observed-minus-calculated residuals for each spectral line. It follows that one can use the refined constants from SPFIT to create catalog files with SPCAT, the results of which would match the experimental results as opposed to being solely based on a computational study. Both SPFIT and SPCAT were used in the studies presented herein. All of the molecules in this work were analyzed using the Watson A reduced Hamiltonian in the I' representation, which is a treatment for asymmetric top molecules.

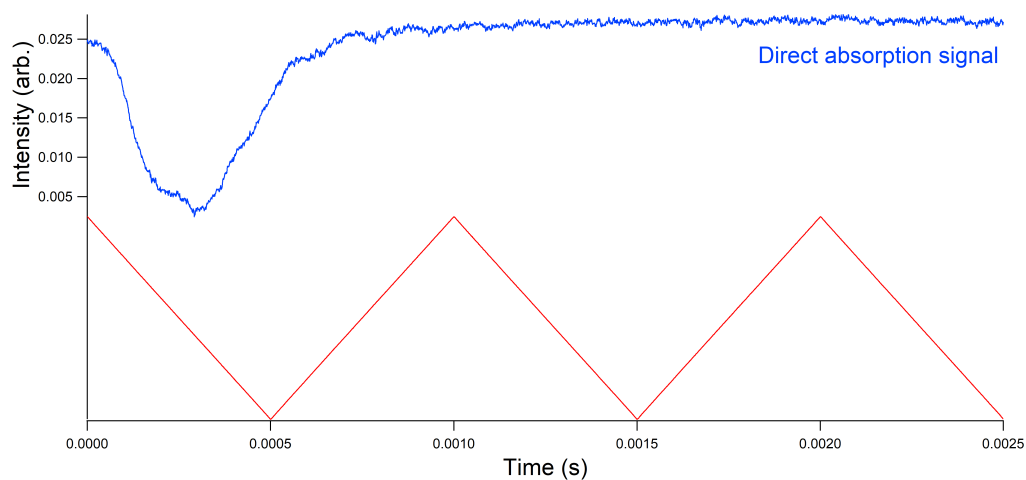


Figure 3.5: The ozone depletion signal (blue) as compared to the fast sweep triangle wave (red).

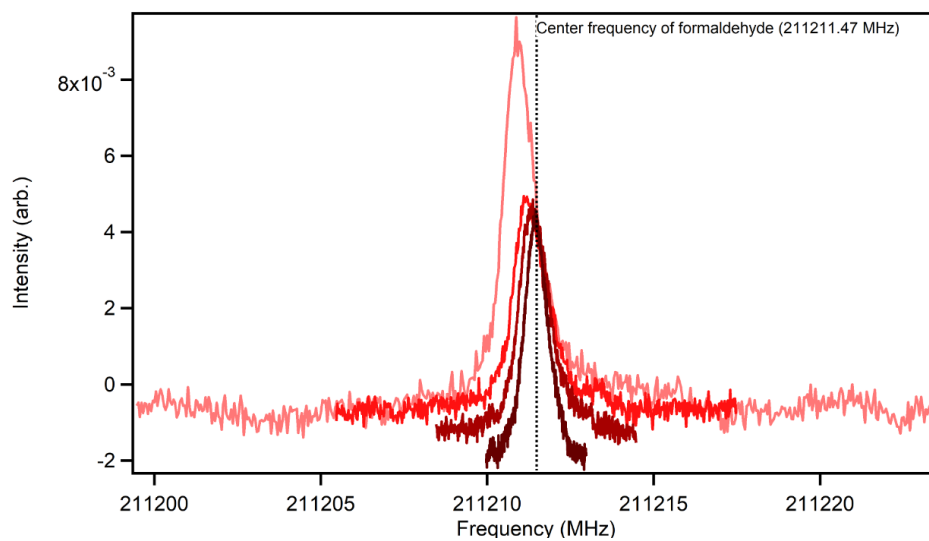


Figure 3.6: Convergence of fast-sweep scans on the actual transition frequency for sweep widths ranging from 24 to 3 MHz.

Chapter 4. Glycolic Acid

This chapter is based on the paper “Spectral Extension of Two Glycolic Acid Conformers Into the Submillimeter Regime” by Schultz and Widicus Weaver. [11]

4.1. Background

Glycolic acid (HOCH_2COOH) has long been a molecule of interest in interstellar chemistry. Saladino et al. [12] studied the products that formed when formamide was irradiated by high energy photons in the presence of powdered meteorites. A common product of these experiments was glycolic acid, suggesting its likely presence in the interstellar medium (ISM). In 2016, Oberg et al. conducted laboratory simulations of interstellar photochemical reactions by exposing ice analogs to UV photons and observing the molecules that formed. They found a plethora of complex organic molecules (COMs), including glycolic acid, in the residues of these analogs [1].

Any interstellar observational search relies upon accurate measurement and assignment of the rotational spectrum of a molecule. Blom et al. [13] first observed the microwave spectrum of the vibrational ground state of glycolic acid, measuring more than 200 transitions from 18 to 40 GHz. After this, they performed isotopic substitutions in order to determine the structure and found their spectral measurements coincide with the *syn-syn-cis* (*SSC*) conformer. The *SSC* conformer is the lowest energy species in the rich conformational landscape of glycolic acid. Recent computational studies suggest glycolic acid has seven stable conformers [14]. The four lowest-energy conformers of glycolic acid are shown in Figure 1. The *SSC* is the most energetically favored conformer and the *anti-anti-trans* (*AAT*) conformer has a significant dipole

moment enhancing its transitions intensities and making it readily detectable. However, the *gauche* – *anti* – *cis* (*GAC*) and *syn* – *syn* – *trans* (*SST*) conformers may be observable as well, especially since the *GAC* conformer is the second most energetically favorable. *SSC* is the lowest energy conformer of glycolic acid, with the other three being greater than 10 kJ mol^{-1} higher in relative energy. The *AAT* conformer was the first higher energy conformer observed in the microwave regime through use of a free jet expansion [15]. The *GAC* and *SST* have both been observed through FTIR spectroscopy of glycolic acid in an argon and N_2 matrix, respectively [16].

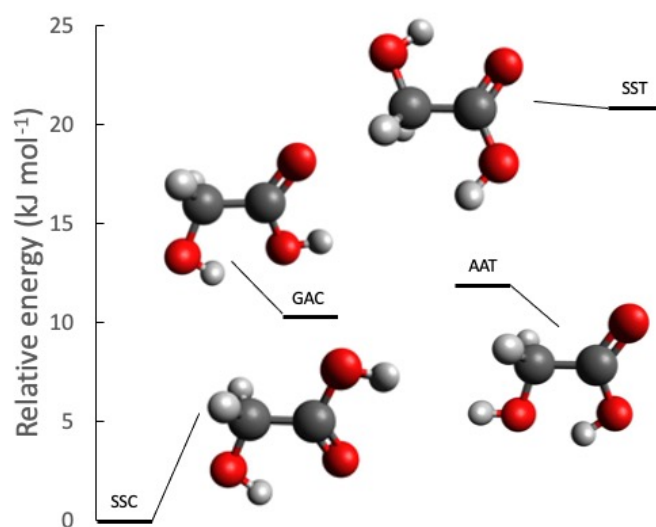


Figure 4.1: Structures and relative energies of the four stable conformers of glycolic acid.

Kisiel et al. [17] acquired millimeter and submillimeter spectral data for both the *SSC* and *AAT* conformers as well as eight vibrationally excited states of the *SSC* conformer. The spectrum was acquired through direct absorption measurements in a long pathlength cell, with spectra recorded from 115 to 318 GHz. The sample chamber in that experiment was heated to near 50°C to evaporate the glycolic acid sample into the gas phase. While laying the groundwork to guide observational searches for glycolic acid, this study does not cover the full frequency range of telescopes like the Atacama Large Millimeter Array or the archival data from the Herschel Space Observatory. We

have therefore revisited the spectrum of glycolic acid, measuring more than 3,900 new transitions for the *SSC* conformer as well as 77 new transitions for the *AAT* conformer in the range of 318–1000 GHz and 318–440 GHz, respectively.

4.2. Experimental Procedure

The spectrum of glycolic acid was collected via direct absorption rotational spectroscopy at frequencies from 318 GHz to 1 THz. The solid glycolic acid sample (99%, Millipore Sigma) was placed on a slip of aluminum foil and inserted into the bottom of the flow cell previously described in Chapter 2. Fits to a selection of these lines showed that the uncertainty on the line center frequency was on the order of the step size, 0.1 MHz.

4.3. Results and Discussion

The spectrum of glycolic acid from 318 GHz to 1 THz is shown in Figure 2. A high spectral line density was observed because lines from the ground vibrational states

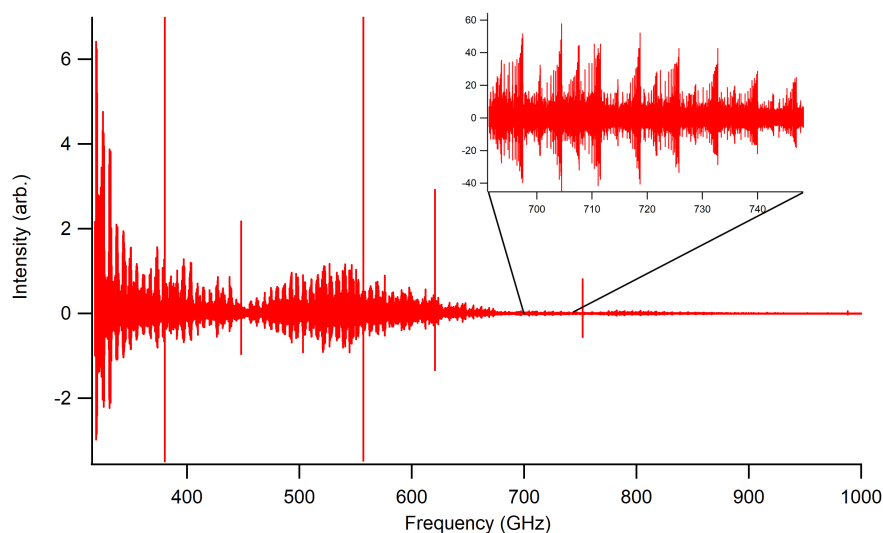


Figure 4.2: Full experimental spectrum of glycolic acid collected from 318 to 1000 GHz. The extremely strong transitions at 380, 440, 556, 620 and 753 GHz are contamination lines from residual water in the cell.

for both the *SSC* conformer and *AAT* conformer as well as the two lowest excited vibrational states of the *SSC* conformer were detected. Spectral analysis was performed using Pickett’s SPFIT/SPCAT program suite in conjunction with the Assignment and Analysis of Broadband Spectra package (AABS) for visualization of the data [9, 10]. The Hamiltonian used for all fits is a Watson A reduced asymmetric top Hamiltonian in the I' representation. Rotational constants, quartic centrifugal distortion constants, and sextic centrifugal distortion constants were included. The fits in this work include all previous assigned transitions from Kisiel et al. using their assigned values for the uncertainty. [17]

Over 3900 new transitions were added to the fit of the *SSC* conformer of glycolic acid. Initial assignments were based on the prediction from a fit generated from the spectral assignments included in the previous millimeter wave study [17]. New line assignments were iteratively added to this dataset and the fit refined. The assignments extend the maximum assigned J value to 116, and the maximum K_a value to 45. Table 1 compares the findings of this work to that reported by Kisiel et al. [17]. The addition of the higher frequency, higher J and K_a lines to the ground vibrational state fit for the *SSC* conformer gives results that match well with those determined by Kisiel et al., while improving the precision for three of the centrifugal distortion constants. More significant impacts are observed for the refined analyses of the first two excited vibrational states of the *SSC* conformer. The addition of several thousand more lines leads to an increase in precision of both the B and C rotational constants as well as more than half the centrifugal distortion constants for both excited states.

Table 4.1: Ground vibrational state fit of the SSC conformer and the $\nu_{21}=1$ and 2 vibrational modes as compared to the literature values. All uncertainties reported by SPFIT were converted to standard 1 σ uncertainties using the PIFORM program [18].

	Ground Vib. State		$\nu_{21}=1$		$\nu_{21}=2$	
	Previous work [17]	This work	Previous work [17]	This work	Previous work [17]	This work
A /MHz	10696.09254(20)	10696.08983(16)	10636.19332(56)	10636.19351(25)	10578.25058(55)	10578.24905(26)
B /MHz	4051.032059(80)	4051.031331(51)	4045.16503(21)	4045.164771(82)	4039.80745(19)	4039.806730(92)
C /MHz	2994.662720(79)	2994.662085(44)	2998.74053(22)	2998.740481(63)	3002.88605(19)	3002.885448(70)
Δ_J /kHz	0.817090(54)	0.816725(10)	0.83009(16)	0.830092(17)	0.84459(14)	0.844184(22)
Δ_{JK} /kHz	3.214417(81)	3.212058(61)	3.29088(23)	3.29040(11)	3.34948(25)	3.34882(12)
Δ_K /kHz	5.68401(78)	5.68651(23)	5.3306(21)	5.33373(32)	5.1457(20)	5.14400(37)
δ_J /kHz	0.2096352(71)	0.2096338(46)	0.210050(21)	0.2100292(85)	0.209648(23)	0.209631(10)
δ_K /kHz	2.62367(16)	2.622294(86)	2.49231(49)	2.49068(18)	2.35877(49)	2.35812(19)
Φ_J /Hz	0.000067(11)	-0.00000061(78)	-0.000044(40)	-0.0000162(16)	0.000064(32)	-0.0000056(23)
Φ_{JK} /Hz	-0.005954(54)	-0.006136(21)	-0.00841(15)	-0.008463(36)	-0.00993(12)	-0.009983(53)
Φ_{KJ} /Hz	-0.02259(15)	-0.024253(81)	-0.01818(44)	-0.01856(14)	-0.01573(40)	-0.01615(18)
Φ_K /Hz	0.04314(97)	0.04944(10)	0.0337(24)	0.03815(15)	0.0380(23)	0.03695(19)
ϕ_J /Hz	0.0000284(14)	0.00003117(40)	0.0000163(43)	0.00001723(83)	0.0000243(44)	0.0000223(12)
ϕ_{JK} /Hz	-0.002449(55)	-0.002795(11)	-0.00286(15)	-0.003373(23)	-0.00342(14)	-0.003618(29)
ϕ_K /Hz	0.01511(37)	0.01563(18)	-0.0026(11)	-0.00228(33)	-0.01319(94)	-0.01248(46)
Max Freq. /MHz	317604	916231	317621	897670	313364	879128
Number of lines	2050 5954	932	3565	925	2690	
Error fit /MHz	0.030301	0.099286	0.034168	0.11252	0.038362	0.102254
J max	89	116	81	118	76	105
Ka max	43	45	43	57	38	62

Table 4.2: Ground vibrational state fit of the *AAT* conformer of Glycolic acid and comparison to literature. All uncertainties reported by SPFIT were converted to standard 1 σ uncertainties using the PIFORM program [18].

	Previous work [17]	This work
A /MHz	10273.5661(49)	10273.5559(66)
B /MHz	4207.0082(14)	4207.0090(13)
C /MHz	3048.49166(42)	3048.49341(36)
Δ_J /kHz	0.88445(80)	0.88547(29)
Δ_{JK} /kHz	3.147(23)	3.1927(53)
Δ_K /kHz	3.60(17)	3.048(55)
δ_J /kHz	0.25041(42)	0.25081(14)
δ_K /kHz	2.643(13)	2.6547(39)
Max Freq. /MHz	277112	440973
Number of lines	95	172
Error fit /MHz	0.058799	0.113263
J max	45	72
K_a max	9	21

For the *AAT* conformer, the spectral lines were much weaker, which matches what was reported previously [17]. Nonetheless, a total of 77 new transitions were assigned. The maximum value of J included in the assignment is 72, and the maximum K_a is 21. These additions to the fit improved the precision of most centrifugal distortion constants. The results compared to the previous work can be found in Table 2. The fit files for both conformers and vibrational modes can be found in Appendix 1.

In Figure 3 the details of the experimental spectrum are compared to the spectral predictions in a spectral range centered at 427.3 GHz. The simulations are based on the fits presented in Tables 1. This comparison shows that these new fits accurately simulate the features in this spectral region. Such a comparison is not feasible for the *AAT* conformer because its spectrum is weak and sparse. As such, a Loomis–Wood plot for the *AAT* conformer assignments is shown in Figure 4. Displayed in the figure is a series of a-type transitions that are aligned with each other. The resulting vertical line indicates the fit to be further predictive of the fundamental transitions that could be

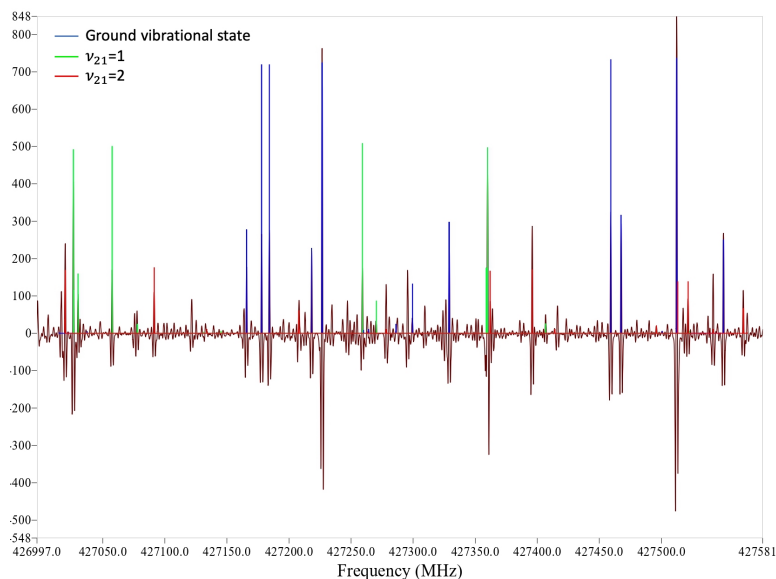


Figure 4.3: A sample of the experimental data showcasing lines from the ground and excited vibrational states.

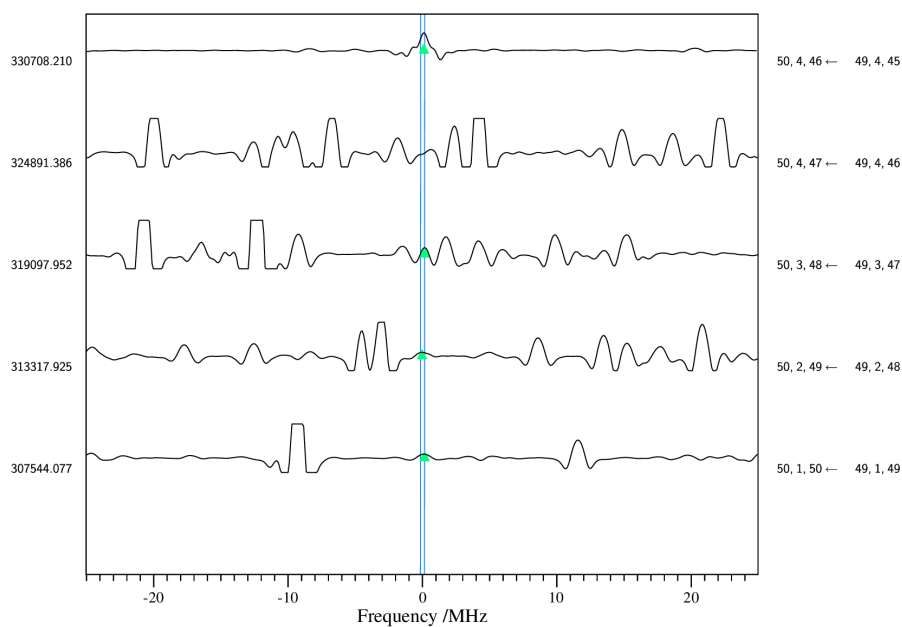


Figure 4.4: Loomis-Wood plot of the *AAT* conformer where the left axis depicts the center frequency of the slice and the right axis identifies the observed transitions. The bottom axis is showing frequency shift off of predicted value by the fit. This series is depicting an a-type transition.

assigned.

This extension of the glycolic acid spectrum up to 1 THz now comprises $\sim 66\%$ of the total assigned transitions for the *SSC* conformer; $\sim 73\%$ and 65% , respectively, of the assigned transitions for the first and second vibrational states; and $\sim 45\%$ of the assigned transitions for the *AAT* conformer under the laboratory conditions presented here. These new assignments have enabled more precise determination of the rotational centrifugal distortion constants for glycolic acid conformers and vibrational states. These improvements result in highly accurate interpolations of the glycolic acid spectrum for comparison to far-infrared observational spectra below 1 THz, and more reliable predictions of the glycolic acid spectrum to frequencies above 1 THz.

4.4. Conclusion

Here we report extended measurements for the rotational spectrum of glycolic acid at frequencies up to 1 THz. Thousands of new spectral lines were assigned, and spectral fits were refined for the ground state and first two vibrational states of the *SSC* conformer. In all states, the precision of some centrifugal distortion constants was improved, and for the vibrationally excited states the B and C rotational constants were also improved. In addition, 77 new transitions were assigned for the *AAT* conformer, leading to an improvement in the precision of most centrifugal distortion constants. With all of these transitions in the spectrum now assigned, there still remain many spectral features that are unassigned. Future studies may focus on assignment of vibrationally-excited states, or a dedicated attempt at detecting the second most energetically favored conformer *GAC*.

Chapter 5. The O(¹D) Insertion Experiment

Electronically-excited oxygen atoms in the O(¹D) state are known to exothermically insert into X-H bonds, with X most commonly being H, C, O, and N. Experimental study of the O(¹D) insertion mechanism dates back to 1967, where it was first studied in a reaction with methane to form methanol. [20] Subsequent studies focused heavily on insertion into H₂ to form H₂O and CH₄ to form CH₃OH. [21] Since those initial studies, many groups have studied a variety of O(¹D) insertion reactions. A large body of work has focused on reactions with small alkanes and alkenes in room temperature gas cells. [22, 23, 24] Other groups have produced O(¹D) in rare gas matrices to study insertion reactions with small organics trapped in the matrix. [25, 26] There was also a recent study by Lin and coworkers examining the gas-phase reaction of COOD/DCOOH with O(¹D). [27] In all of this work, it was found that the insertion products are formed with extremely high internal energies because the insertion reaction is so exothermic. As such, the products tend to undergo unimolecular dissociation unless stabilized. Rare gas matrices are useful for this, but do not enable rotational spectroscopic studies. [28] As such, our group developed a method to study the products of these reactions in a supersonic expansion. Hays et al. designed our current experimental approach for the production of unstable molecules relevant to ISM chemistry when they studied the formation of vinyl alcohol from ethylene. [29, 30]

5.1. Background and Methods

This experiment accomplishes the stabilization of products using a supersonic expansion formed by a pulsed valve as is explained in Chapter 2. Since the sample is

present for such a relatively short time period, the fast sweep scanning method is employed for detection of the insertion products. There are multiple methods to accomplish the production of $O(^1D)$; in this work all $O(^1D)$ was produced via photolysis of ozone with a 248 nm excimer laser. A difficulty that results from this experimentally is that the backing pressures become limited by the output of an ozone generator (~ 12 psi). Additionally, the input gas mixtures will include ozone, oxygen, and a backing gas (like argon or helium), and the reactant molecule of interest. This leads to a complex chemical network and in many cases side products resulting from ozonolysis or side reactions with O or O_2 .

The experimental setup is detailed in Chapter 2. This setup was moved from Atlanta, GA, to Madison, WI, in 2020. This was during the summer after my second year in graduate school. Thus this move completely halted my experimental work on $O(^1D)$ chemistry. Once we obtained access to the new laboratory space in Madison, I began completely rebuilding this instrument. In addition to the rebuild, there have been some changes to the setup that have been implemented. Regarding the experimental structure, the sample inlet is now on the bottom of the chamber, whereas it previously sat on the top. This change was implemented because the diffusion pump that used to hang from the bottom of the chamber was removed, and the backing pumps are now connected via the top flange. This flip in the setup lead to a few innovations. First, an apparatus was designed to hold the gas inlet tube in position, as well as measure its position inside the chamber. This small change now enables precise control over the valve alignment and position relative to the laser, and ensures reproducibility from day to day. In addition, the previous laser used for the experiment failed catastrophically in 2021. I oversaw the acquisition and installation of a new excimer laser. The previous GAM excimer laser was replaced with a Coherent Existar 1000 system. This laser is much more efficient in terms of gas life cycle; the GAM laser would required daily refills whereas the Coherent laser runs for two weeks before the laser gas needs to be refreshed. The software that accompanied the GAM laser was also difficult to operate in comparison to that for

the Coherent laser, which is very elegantly designed. This allows for better control of the power and rep-rate of the laser. In addition there are many software side tuning features that may be applicable to future experiments such as in-depth investigations on kinetics.

Because of these changes, after the rebuild we began efforts to thoroughly benchmark the multitude of parameters involved in $O(^1D)$ gas phase spectroscopy. The results of these benchmarking trials are presented here.

The first detection of methanol from $O(^1D)$ insertion into methane using the rebuilt system required extensive troubleshooting. First, the fast-sweep program needed to be reconfigured to work with new computers that had been implemented in the lab. Additionally, a new ozone generator was purchased, new gas supply lines installed, and the effective pumping speed changed because the backing pumps and the length of the pump line changed in the new lab design. After much troubleshooting and optimization of each of these parameters, methanol was easily detected from the methane + $O(^1D)$ reaction. The initial combination of gases was approximately 33% argon, 40% $O(^1D)$ and 20% methane.

Figure 4.1 demonstrates the successful operation of the instrument. All of the data was collected using direct absorption over the same 2.5 ms window. The pulse valve is set to open at the start of this timing window, and the laser to fire 1.1 ms after opening. This laser timing corresponds to both the depletion in the ozone signal as well as the production of methanol. This methanol peak is only present in the presence of ozone, methane, and the laser light. An absence of any of the three of these inputs resulted in no methanol detection.

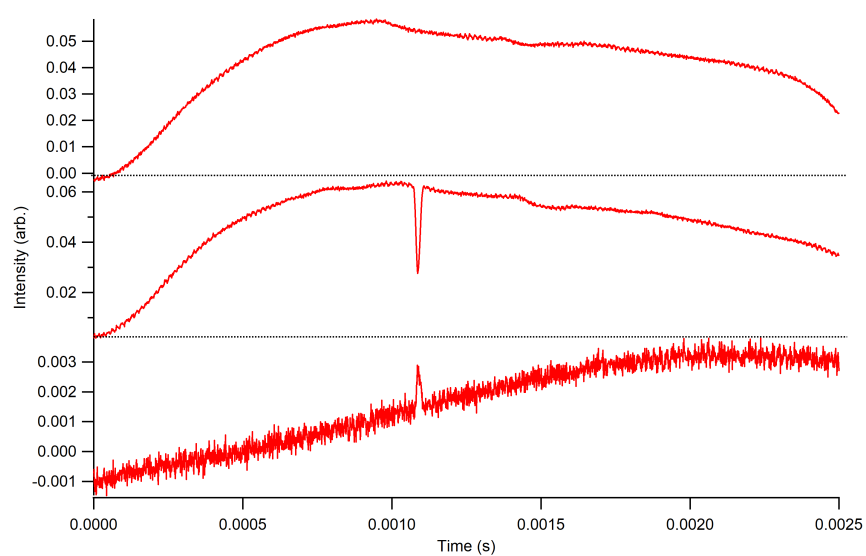


Figure 5.1: Dataset demonstrating successful benchmarking of the $O(^1D)$ experiment. The top trace shows the ozone signal as a function of time; the center trace shows the depletion of ozone when the laser fires; the bottom trace shows the production of methanol that coincides with ozone depletion.

Chapter 6. Production of Methanol and Formaldehyde from $O(^1D)$ Insertion into Methane

6.1. Background and Methods

As noted in the previous chapter, the reaction between $O(^1D)$ and methane to form methanol is commonly used in our lab as a benchmark to evaluate the performance of the experimental setup. The intensities of the observed methanol transitions provide a tool to evaluate the effectiveness of its production and can be used to predict signal strengths for other product molecules. Expansion temperature can also be determined from the relative intensities of molecular transitions, providing insight into the alignment of the optical system with respect to the pulsed valve.

In addition to demonstrating methanol production from methane and vinyl alcohol production from ethylene, Hays et al. also performed many measurements that helped to quantify the results of the initial $O(^1D)$ experiments performed in the Widicus Weaver group [31]. Most notably, the laser position on the tube was adjusted and a correlation between position and the production of unstable molecules was proposed. Likewise, many side products were observed when producing methanol, most notably formaldehyde.

As a guide for experiments, the reaction pathway determined by Hays et al. displayed in Figure 6.1 was used. This work notes that once methanol was confirmed to be produced, formaldehyde was investigated as it is the most likely unimolecular dissociation product for methanol. A large relative abundance of formaldehyde was noted, indicating that methanol was in fact dissociating after reacting with $O(^1D)$. But since

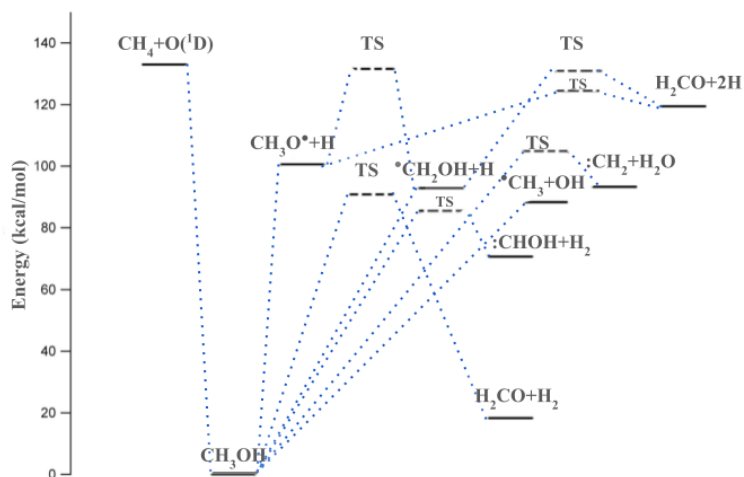


Figure 6.1: Methane + $O(^1D)$ reaction pathway based on figure 1 from Hays et al. 2015 [31]

the energy was high enough for methanol to dissociate, it may also form the radicals CH_3O and CH_2OH . Hays et al. would have searched for these molecules at the time, but there were no available spectra. Since 2015, the rotational spectra for both radicals have been experimentally observed. [32, 33] As such, much work remains to be done before this insertion mechanism is fully characterized in the laboratory. These open questions inspired the studies presented in this chapter.

6.2. Investigation of laser position and methanol/formaldehyde production

Three different experimental arrangements were employed for these studies. The position of the laser on the tube was examined at two different positions, and the measurements were repeated with no tube in use. The two positions on the tube were “top,” which refers to the laser being focused on the part of the tube just before expansion, and “middle” referring to a position halfway between the pulsed valve exit and the start of the expansion. All positions were aligned to the beam path by adjusting

the pulsed valve apparatus or repositioning the laser. When performing the tubeless experiments, the pulse valve was moved so that the exit of the aperture was in the laser beam path. When comparing tube positions, the pulsed valve was aligned once and then the laser was lowered from top to middle without moving the pulsed valve. Methanol and formaldehyde were observed in all three arrangements. Reported here is the first recorded observation of $O(^1D)$ insertion reaction products in this setup without a quartz tube involved.

In addition to testing the impact of the laser position on the tube, the methanol produced via $O(^1D)$ insertion was compared to a methanol sample that was obtained using a high pressure bubbler. In this case the bubbler was filled entirely with methanol and the carrier gas used was argon. The spectra from these two trials are shown in Figure 6.2.

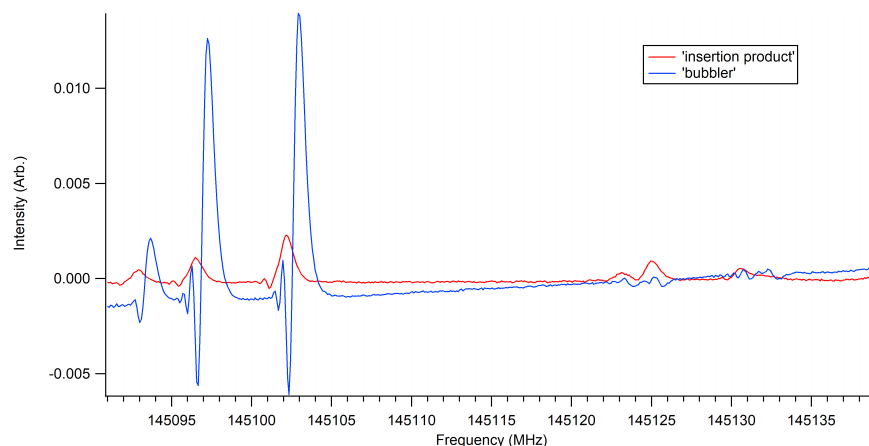


Figure 6.2: Series of methanol transitions comparing the intensities of a pure, bubbler supplied, methanol signal vs. an insertion product methanol signal.

The intensity in Figure 6.2 from the pure methanol sample is higher than that of the methanol produced via $O(^1D)$ insertion. Interestingly, however, the temperatures are rather different. The calculated temperature of the methanol transitions indicate a temperature near 8 Kelvin, typical of expansion experiments of this nature. Meanwhile the methanol produced via $O(^1D)$ insertion has a much higher temperature closer to

51 Kelvin. Both of these tests were performed at the same pulse valve position, with the $O(^1D)$ production occurring with the laser in the top tube position. These results indicate that the methanol produced via insertion is retaining a large amount of internal energy from the insertion reaction.

Prominent dips before the molecular transitions are apparent in Figure 6.2. It should be noted that, while most prominent here, these dips are present in all fast sweep work included in this dissertation. Many instrument parameters were adjusted to remove these dips, and none succeeded. Discussions with Brian Drouin from NASA’s Jet Propulsion Laboratory lead us to think that the transitions seen here are actually undergoing Rabi oscillations. This superficial splitting can arise when the transition is driven with a large amount of intensity over short timescales. Subsequent work within the group after completion of these experiments has confirmed that these oscillations can be eliminated by slowing down the sweep rate during fast sweep collection.

6.3. Intensities and Temperature

Spectra for all lines collected for methanol and formaldehyde with the two different tube positions and for the experiment with the tube removed are shown below. There are some trends observed that will guide future $O(^1D)$ experiments. First, although the products are still detectable in the tubeless setup, they are generally much weaker in signal. The signals for H_2CO are comparable with the laser at both the top and middle tube positions, but also generally stronger than those seen for any of the methanol transitions. Surprisingly, the intensities for methanol lines between top and middle position are also very similar. In the case of methanol, it is likely that it is a stable enough species that survives production, and we see similar concentration no matter where it is formed within the tube.

The rotation diagram method, originally developed for analysis of radioastronomical observations, but adapted for laboratory studies by Laas et al. [35] was used to determine the temperatures of the detected products for each of these experiments. These

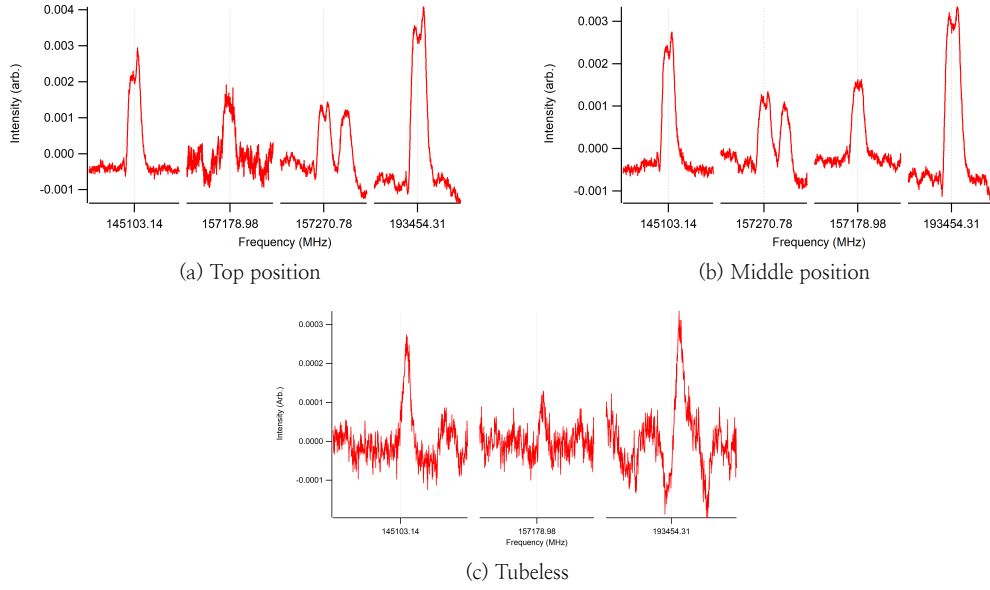


Figure 6.3: Methanol transitions observed from O(¹D) insertion into methane at various laser positions.

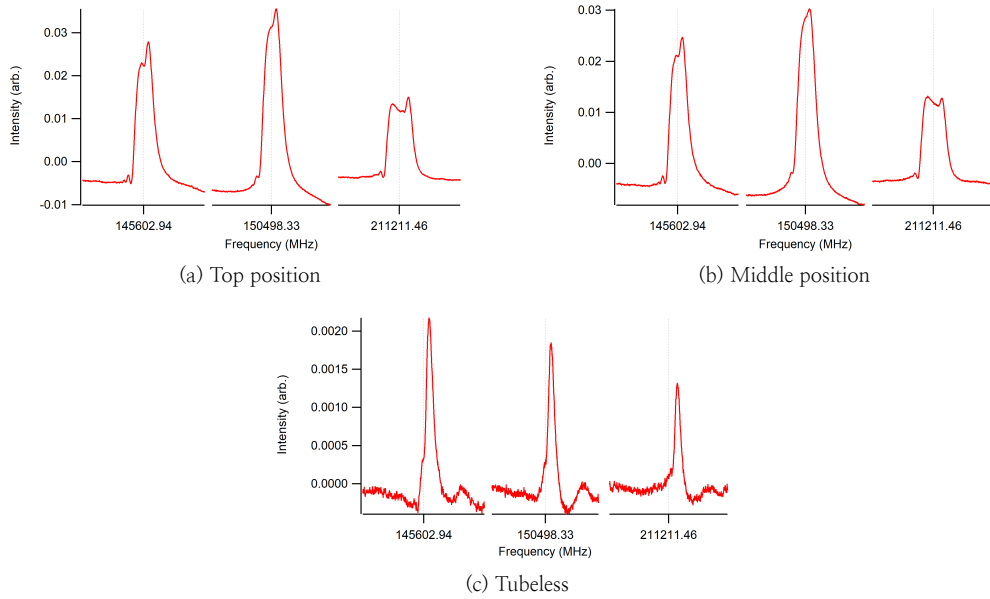


Figure 6.4: Formaldehyde transitions observed from O(¹D) insertion into methane at various laser positions.

Boltzmann diagrams can be produced by a relation between the integrated intensity, $\int_{-\infty}^{\infty} I_b d\nu$, of the experimental transition and their corresponding upper state energies,

E_u . This relationship is defined by the equation:

$$\int_{-\infty}^{\infty} I_b d\nu = \frac{hc^3 A g_u}{8\pi k \nu^2} \frac{N_T}{Q(T_{rot})} e^{\frac{-E_u}{kT_{rot}}}$$

Here, h is Planck's constant, c is the speed of light, A is the Einstein A-coefficient for the transition, g_u is the upper state degeneracy, k is Boltzmann's constant, ν is the transition frequency, N_T is the column density, $Q(T_{rot})$ is the rotational partition function, and T_{rot} is the rotational temperature. The integrated intensities and their corresponding uncertainties are derived from the experimental data, whereas all the other constants are taken from catalogue data for the molecules. The resultant diagrams and the derived temperatures are shown below.

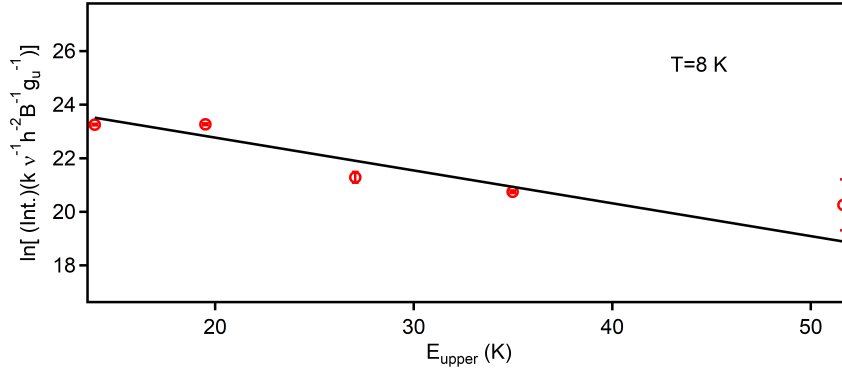


Figure 6.5: Methanol temperature from a bubbler source.

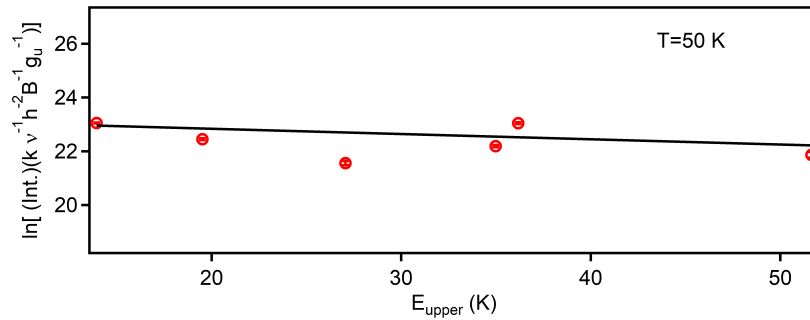


Figure 6.6: Methanol temperature produced from $O(^1D)$ insertion at the top position.

Table 6.1 shows the various temperatures of CH_3OH and H_2CO determined at the various laser positions. Some interesting trends are seen here. H_2CO has a rel-

atively consistent temperature regardless of laser position. Formaldehyde temperatures are markedly lower than those of methanol. This finding supports the hypothesis that formaldehyde is forming from the decomposition of highly energetic methanol, as much of the excess energy was likely released during the decomposition. CH_3OH , on the other hand, has significant temperature differences between the tube positions. This likely indicates that collisional stabilization is important for methanol. This matches the findings of Hays et al. [6].

Table 6.1: Temperatures at different tube positions.

Molecules	Top (K)	Middle (K)	Tubeless (K)
CH_3OH	51(± 4)	22.9(± 0.7)	12.1(± 0.8)
H_2CO	8.70(± 0.10)	8.59(± 0.09)	4.47(± 0.03)

6.4. Search for radicals

In addition to methanol and formaldehyde, searches were conducted for the CH_3O and CH_2OH radicals, both products of unimolecular dissociation of methanol. Nearly 200,000 spectral averages were taken on both H_2CO and CH_2OH . No signals were apparent at this level of averaging which is shown in Figures 6.7 and 6.8. As such, no radical products of methanol dissociation have yet been detected. This indicates that the internal energy of methanol is such that formaldehyde can form via unimolecular dissociation, but the two radical dissociation products are too high in energy to be accessible via the dissociation mechanism.

6.5. Conclusions

In conclusion, the methanol reaction has now been thoroughly investigated for future experimentation in this laboratory. In this scenario, methanol is likely stable enough to be observed with similar line intensities at any laser position on the tube. However, the temperatures suggest that when looking for less stable molecules, aligning the laser just before the expansion should create products and inject them into the expansion before

they have time to dissociate. The radical products of methanol dissociation were not detected in this set of experiments.

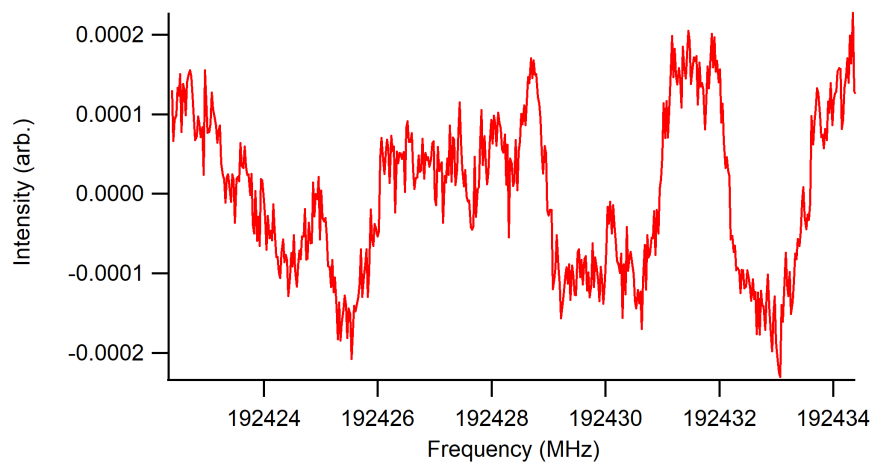


Figure 6.7: Non-detection of Methoxy (CH_3O).

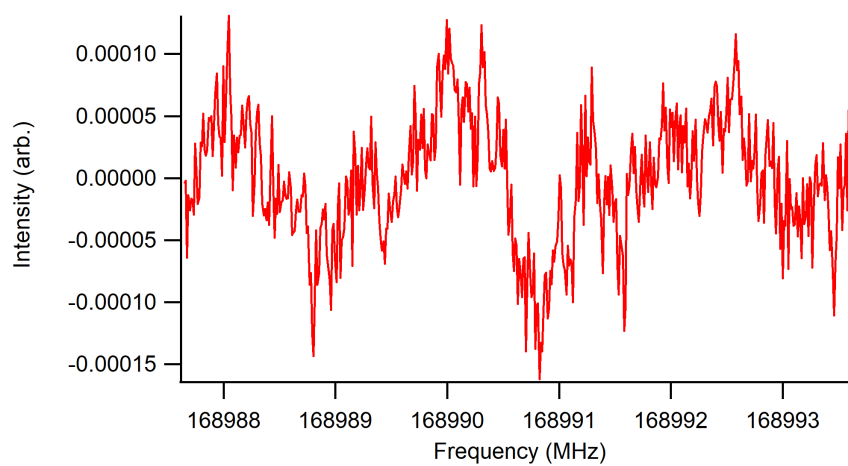


Figure 6.8: Non-detection of Hydroxymethyl (CH_2OH).

Chapter 7. Carbamic Acid

This chapter is based on the manuscript “Theoretical Investigation of the O(¹D) Insertion Reaction with Formamide” by Schultz, Bates, and Widicus Weaver that has been submitted to the Journal of Physical Chemistry A at the time of this writing.

7.1. Introduction

The search for biologically relevant molecules in the interstellar medium (ISM) continues to inspire astrochemistry research in both theory and experiment. Though many techniques provide insights into these molecules, the structure specificity of gas-phase rotational spectroscopy remains essential for definitive identification of prebiotic molecules in space. One particularly interesting class of prebiotic molecules are amino acids – the building blocks of proteins in terrestrial biology. There are available rotational spectra of many amino acids, such as glycine, alanine, proline, isoleucine, etc. [36, 37, 38, 39, 40]. Despite this laboratory information, to date no amino acid has been definitively detected in the ISM [41, 42]. Thus, laboratory and observational studies have focused on other related classes of interstellar complex organic molecules (iCOMs) such as organic acids and amines. Acquisition of laboratory spectra of many of these molecules is challenging as the methods of generating these iCOMs often involve complex production methods.

One such prebiotic target molecule is carbamic acid (NH₂COOH). Multiple studies have shown carbamic acid to be an excellent candidate for detection in the ISM. It is the simplest molecule to contain both an amino group and carboxylic acid group, while having one less carbon than glycine. In 1999, Khanna and Moore performed the first gas-phase measurement of carbamic acid in its zwitterionic form [19]. Carbamic

acid was detected via infrared spectroscopy in samples of water, ammonia, and carbon dioxide ices that had been irradiated by UV photons. The neutral form of carbamic acid was first reported in 2007 from a combination of infrared spectroscopy and mass spectrometry techniques following UV irradiation of similar water, ammonia and carbon dioxide ices [43]. Neutral carbamic acid was also seen to form during UV irradiation of pure ammonia and carbon dioxide ice [44]. The formation of carbamic acid during photoprocessing of simple ice analogs is significant for astrochemistry because such chemical pathways contribute significantly to the complex chemistry of the ISM. Indeed, gas phase chemistry alone fails to account for the observed abundances of multiple molecules detected in the ISM [45, 46, 47]. However, carbamic acid has yet to be detected in the ISM because there is no available rotational spectroscopic data for its neutral form.

Carbamic acid readily reacts or dissociates under typical terrestrial conditions and must be produced experimentally to enable its spectroscopic investigation. Given the expected reactivity of carbamic acid, gas-phase production methods that rely on a supersonic expansion to eliminate side reactions are required. Previous work from Widicus Weaver and coworkers has shown that the insertion reactions of electronically-excited oxygen in the $O(^1D)$ state are a viable method for forming such molecules under these conditions [31, 48]. We propose to use the gas phase reaction of $O(^1D)$ and the stable precursor molecule formamide ($HCONH_2$) to produce carbamic acid in the gas phase at the throat of a supersonic expansion. Pure rotational spectra of the products can then be acquired. Prior to the experimental studies, however, a thorough investigation of the potential products must first be performed in order to determine which insertions are most likely, generate spectral predictions, and inform the laboratory experiments.

Similar computations have been performed in the past by groups investigating $O(^1D)$ interactions. In 2013, Hays and Widicus Weaver investigated three $O(^1D)$ insertion reactions to form aminomethanol, methanediol, and methoxymethanol [30]. In 2019, Wolf et al. built on this work to improve the analysis of the aminomethanol potential

energy surface [49]. Using these studies as a framework, we have conducted a theoretical investigation of carbamic acid that explores the conformational energy landscape, structures, and torsional barriers for each conformer. Additionally, the energetics of the reaction pathway for formamide + O(¹D) were investigated. We present the results of computations and the associated spectral predictions for all conformers that form from the formamide + O(¹D) reaction.

7.2. Methods

Initial calculations were performed using the Gaussian 16 quantum software [7] at the University of Wisconsin–Madison Department of Chemistry High Performance Computing Center. All structures were first optimized at the B3LYP level of theory using the 6-311+G(2d,p) basis set. Only products on the singlet surface were examined in this study. Five stable insertion products were found. Of these, the rotational barrier of the amine functional group was measured for the lowest energy product – carbamic acid – at the same level of theory. This barrier was calculated by performing single point energy calculations every 20 degrees as the dihedral angle was rotated a full 360 degrees. Structures of the transition states leading to the formation of the five possible insertion products were also determined at B3LYP/6-311+G(2d,p). To confirm the nature of all structures, harmonic vibrational frequency calculations were performed. All product structures were confirmed to be a minima on the potential energy surface. Transition state structures were identified by confirming that they have one imaginary frequency with respect to the reaction coordinate. This frequency correlates to a motion indicative of oxygen insertion at the expected orientation.

In order to provide accurate rotational and centrifugal distortion constants for spectral predictions, the geometries for carbamic acid and the other potential insertion products were optimized with the CFOUR package [8] at the CCSD(T) level of theory using the cc-pCVTZ basis set. All structures were converged with an RMS gradient below $10^{-7} E_h \text{ bohr}^{-1}$. The quartic and sextic distortion constants were determined by

harmonic and anharmonic finite difference calculations similar to those performed by Owen et al. [50]. An example input file can be found in the Appendix 2. Pickett’s SPCAT program [9] was then used to generated a predicted spectrum for carbamic acid between 70–1000 GHz using these rotational and centrifugal distortion constants.

7.3. Results and Discussion

Rotational constants as well as the quartic and sextic centrifugal distortion constants were calculated for carbamic acid and the other four possible insertions products. These values are presented in Table 11.11. “Insertion 1” is identified as (aminooxy)methanone, “Insertion 2” as *cis*-N-hydroxyformamide, and “Insertion 3” as *trans*-N-hydroxyformamide. Henceforth these insertion products will be referred to as their corresponding numbered labels for simplicity. All five of these products, including carbamic acid, have no currently available rotational spectra, making the experimental study of this insertion reaction difficult.

Table 7.1: Calculated rotational and centrifugal distortion constants for the five insertion products of O(¹D) + formamide at the CCSD(T) level of theory.

	Carbamic Acid	Insertion 1	Insertion 2	Insertion 3	Insertion 4
A(MHz)	11623.2964	20342.3487	20221.5489	48230.0044	18281.4644
B(MHz)	10881.1757	7206.51837	7215.64796	4606.33463	8342.20280
C(MHz)	5632.87358	5408.32547	5352.24339	4312.82373	5728.27487
Δ_J /kHz	5.5487100	5.4075300	7.2486900	1.1786600	9.4532300
Δ_{JK} /kHz	8.4745900	68.0102000	74.1252000	1107.85000	52.7047000
Δ_K /kHz	-2.0972200	-15.8035000	-28.6696000	-25.8744000	-22.3781000
δ_J /kHz	2.3840200	1.6840500	2.3120100	0.0744899	3.3597100
δ_K /kHz	5.1221500	7.3554300	10.4556000	1.8280300	12.4493000
Φ_J /Hz	0.0076746	-0.0021763	-0.0088677	0.0010104	0.1906027
Φ_{JK} /Hz	-0.0037596	0.1020196	0.2280743	-0.0838471	-0.4660252
Φ_{KJ} /Hz	-0.0095406	-0.8373285	-1.2489842	1.2780493	-0.3956115
Φ_K /Hz	0.0248690	1.3689504	1.9080728	-24.9592241	0.7338893
ϕ_J /Hz	0.0038510	-0.0004596	-0.0029130	-0.0000578	0.0859156
ϕ_{JK} /Hz	0.0038325	-0.0042431	-0.0302746	0.0217132	0.4444907
ϕ_K /Hz	0.0690623	0.2222093	0.4086636	-0.3102300	1.5135339
Dipole Moments(Debye)					
μ_a	1.40444	0.44858	0.58748	2.93258	-5.67557
μ_b	-1.73492	-0.66359	-2.55284	-0.17778	1.00709
μ_c	0.70917	-1.36671	0.96114	-0.83625	0
Total	2.34207	1.58413	2.79033	3.05466	5.76423

Figure 1 displays the relative energies of the five potential insertion products as well as their transition states determined at the CCSD(T) level of theory. Carbamic acid has the lowest energy of the possible insertion products by nearly 60 kcal mol⁻¹. Also, it has the only transition state lower in energy than the starting material of formamide and

O(¹D). This implies a barrierless insertion as would be expected for the O(¹D) insertion mechanism. The other insertion products form from pathways with barriers, indicating that carbamic acid is indeed the thermodynamically and kinetically favored product of this reaction. Cartesian coordinates for all five products and their corresponding transition states can be found in Appendix 2.

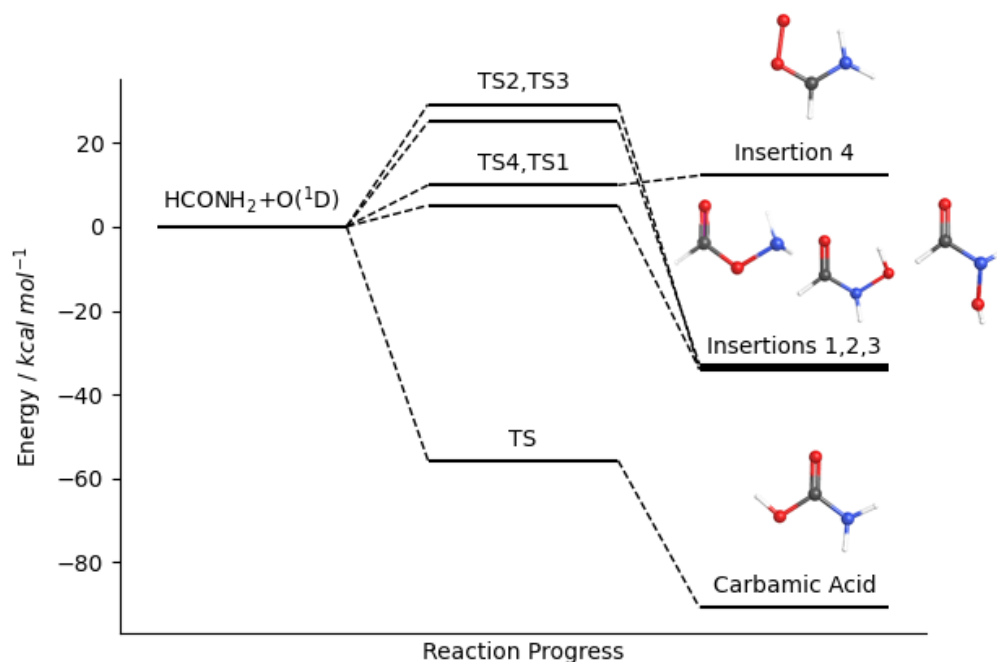


Figure 7.1: Reaction pathway of the formamide + O(¹D) insertion reaction, comparing the relative energies of the products and transition states. All values in this image were calculated at B3LYP/6-311+G(2d,p).

When considering potential complications in the spectroscopic detection of carbamic acid, additional splitting from internal motion might be a concern. In particular, the wag of the amine group could cause such splitting. As such, a dihedral rotation of the group was performed and the barrier height to the wag was determined at the B3LYP level of theory. The results are shown in Figure 2. Since the amine wag has a barrier of nearly 7500 cm⁻¹, the spectra should not be complicated by this type of splitting.

In addition to the potential for internal motion, another spectral complication might arise for carbamic acid. These calculations show that the equilibrium geometry is nearly planar. An inversion of the amine group could lead to zero point blending, and cause the experimental spectra to indicate a planar geometry instead of the minimum energy geometry predicted here. As such, we also determined the barrier of this inversion. Fortunately, the planar orientation is roughly 20 kcal mol^{-1} higher in energy, so zero point blending is not expected to occur and the observed geometry should be as predicted herein.

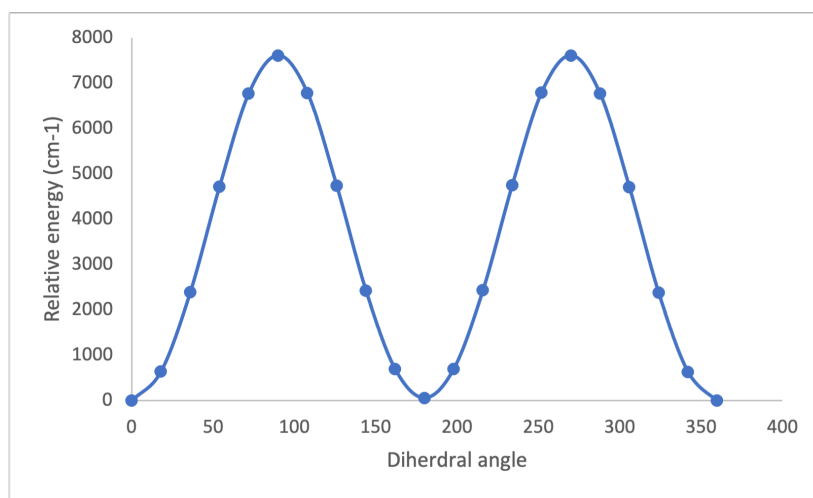


Figure 7.2: Rotational barrier for NH wag.

Even though carbamic acid is the expected product, spectral predictions were made for all of the potential products since there was no data available on any of these species. The predictions will be useful in guiding experiments, where the excess energy released from the insertion reactions could lead to the formation of these higher energy products. The predictions shown in Figures 7.3 and 7.4 cover the range of 70 GHz to 1 THz, which is the range of the planned experiments. As can be seen, each product has a Boltzmann peak within this experimental range at 10 K. Although carbamic acid is the most likely product, most of the other products have larger dipole moments, which will make them easier to detect if present in the product mixture.

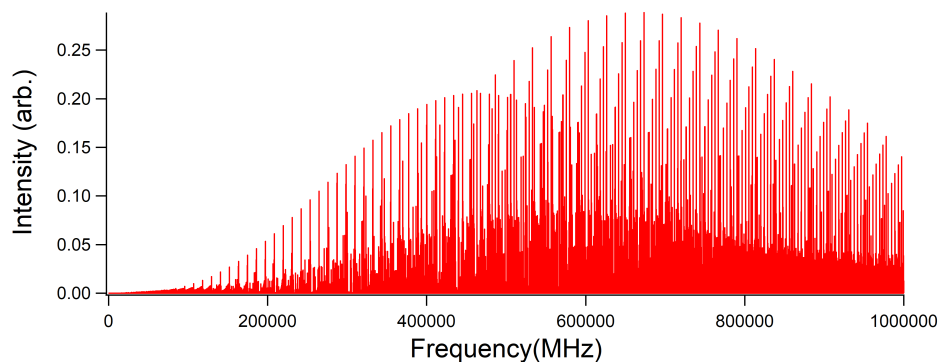


Figure 7.3: Spectral prediction for carbamic acid tabulated at 10 K using the molecular parameters determined at the CCSD(T) level of theory.

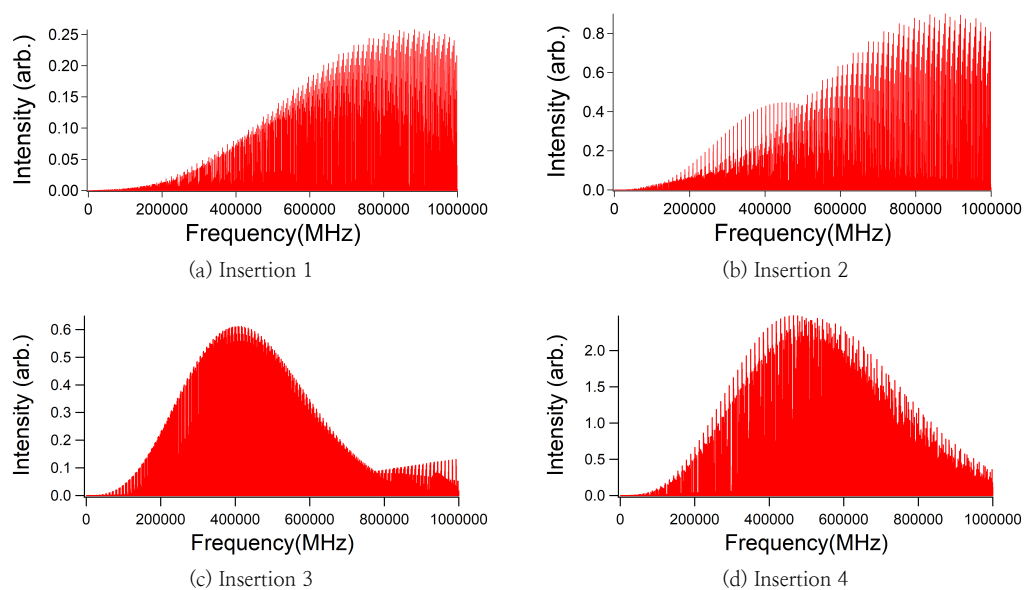


Figure 7.4: Predicted spectra of the 4 higher energy insertion products, tabulated at 10 K using the molecular parameters determined at the CCSD(T) level of theory.

7.4. Conclusion

Here we present a theoretical investigation of the reaction of $O(^1D)$ and formamide. We have performed geometry optimizations at the CCSD(T) level of theory to explore the structural characteristics of carbamic acid and four other potential insertion prod-

ucts. This work has provided the equilibrium geometries, rotational and centrifugal distortion constants, dipole moments, and the relative energies of carbamic acid and other potential insertion products. This information was used to predict spectrum of these molecules to guide experimental characterization. Additionally, the identification of transition states for the reactions involving formamide and $O(^1D)$ further enhances our understanding of the mechanistic pathways involved. The results of this study enable experiments pursuing the production of carbamic acid via $O(^1D)$ insertion into formamide.

Chapter 8. Carbonic Acid

8.1. Background

Carbonic acid (H_2CO_3) is a molecule often found wherever carbon dioxide and water are present. If you have had a soda, pop, Pepsi, or Coke, you've come into contact with carbonic acid. [51] When in an aqueous solution, carbonic acid exists in an equilibrium with H_2O and CO_2 . However, its gas phase form is very unstable in the presence of water, where it readily decomposes into H_2O and CO_2 . [52] Much of the work on carbonic acid has been focused on its aqueous form since it can affect the acidity of water and thus have environmental impacts. [53, 54] However, the gaseous form of carbonic acid was found to be relatively stable in the absence of water. [55] Some studies propose that it may form on the icy mantles of dust grains that contain combinations of H_2O and CO_2 . [19] Laboratory spectra of carbonic acid have been acquired in the infrared by trapping it in a noble gas matrix. [56] Using high level computations, the infrared spectrum of carbonic acid was also rigorously searched for in space. Even with the knowledge of the predicted transition frequencies, carbonic acid has not yet been detected. [57]

When it comes to rotational spectroscopy, carbonic acid has an interesting quirk. The *cis* – *cis* conformer is the lowest in energy. However, it is a nearly symmetric molecule that is almost planar, so it has a very small dipole moment. Recalling the discussion in Chapter 2, the size of the dipole moment is directly related to the intensity of a transition. The *cis* – *trans* conformer, on the other hand, has a rather significant dipole making it easier to detect.

Rotational spectra for carbonic acid, both in its *trans* and *cis* conformers, have been detected experimentally using a discharge experiment. In 2009, Endo et al. [58] produced carbonic acid by applying a 1.8 kV discharge to a pulsed gas mixture of 5% CO₂ diluted with Ar that passed through a pure water bubbler. The discharge products expanded into a Fabry–Perot cavity of a Fourier–transform microwave (FTMW) spectrometer. The frequency region observed from this instrument was between 4.8 to 65 GHz, and 25 transitions were assigned. Using the same setup and procedure, 6 transitions for the *cis* conformer were confirmed. [59] The difference between the two acquisitions was that while the *trans* conformer required 500 averages, the *cis* conformer required 12000 averages before lines were detected. Additional studies at higher frequencies using this production technique are therefore challenging because such instruments lack the enhancement in sensitivity from the cavity spectrometer.

Carbonic acid was recently detected in the molecular cloud G+0.693 using the spectral information reported by Endo et al. [34]. In addition, the observers proposed that some unassigned transitions observed in this source may also arise from carbonic acid. This necessitates the extension of the spectrum experimentally. Likewise, higher frequency measurements would enable additional observational studies using far infrared telescopes. To this end, we have undertaken a search for carbonic acid via O(¹D) insertion into formic acid. Given the yields of insertion products seen in our previous work, this production mechanism may provide sufficient densities to enable additional spectroscopic studies at higher frequencies.

8.2. Methods

Carbonic acid production was attempted by the reaction between formic acid (HCOOH) and O(¹D). To do this, ozone (O₃) was mixed with formic acid vapor supplied via a bubbler pressurized with argon. The backing gases were held at a pressure of ~12 psi, the limit of the output pressure for the ozone generator. Initially, the formic acid profile was only present at the start of the pulse. This could be because formic acid readily

forms a dimer, so the monomer is only present in a small time period within the gas pulse. The dimer is essentially undetectable as it is highly symmetric and has a very small dipole moment. Thus, in order to adjust the timing for when formic acid was present, a mixing block was employed. The mixing block allowed the utilization of two pulsed valves. In this way, the formic acid delivery was delayed and matched in time with the peak of the ozone profile.

Apart from the introduction of the mixing block, the spectrometer setup employed to search for carbonic acid is identical to that of the previously described $O(^1D)$ experiments. The tube position employed was the top most position, as it is most preferential for production of unstable products. In addition, experiments without the tube and with the laser aligned in the middle of the tube were also explored. The gas mixture was dominated by the mixture produced by the ozone generator, with roughly 20% being the argon + formic acid gas mixture. All data collection was done using the fast sweep technique previously described.

8.3. Results and Discussion

The *trans* conformer was the focus of the search, as it was the easier conformer to detect in the microwave studies. The spectral prediction from the microwave studies was used to guide searches for the strongest carbonic acid lines at 10 K. Spectral scans utilized 80,000 averages in 240 MHz spectral windows using the fast sweep method.

In most cases for a molecule with measured spectra that does not exhibit fluxional behavior, a window of 100 MHz is more than sufficient to detect higher-frequency transitions. Of the spectra acquired, only two spectral lines were detected. Both occur in the 156405 MHz window. One of these lines arises from the *cis* conformer of formic acid. The other line remains unassigned. However, this line is present both with and without the laser pulse, indicating that the carrier is not a product of $O(^1D)$ insertion chemistry.

Interestingly, despite a lack of detected carbonic acid lines, a visible depletion of

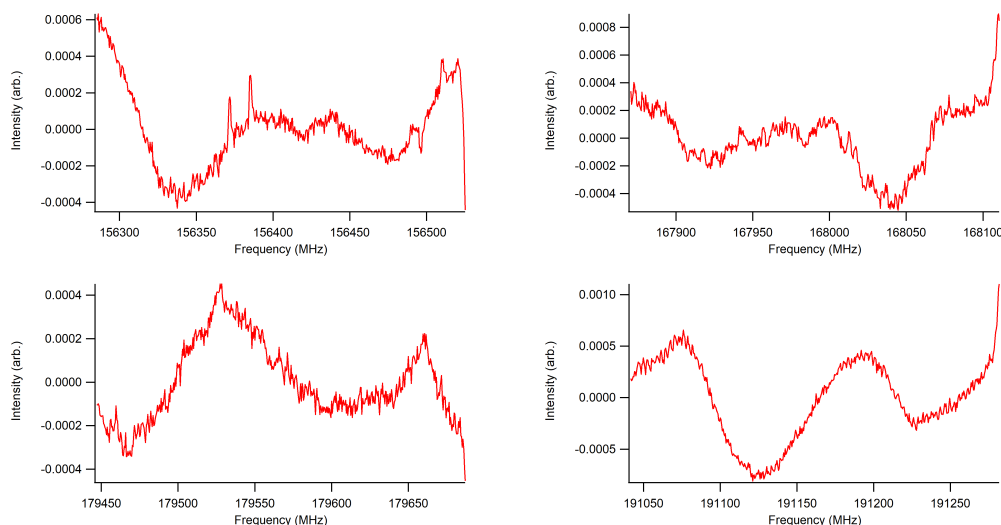


Figure 8.1: Four 240 MHz windows where predicted carbonic acid transitions were predicted. Each spectrum was taken at 80,000 averages. The only obvious lines are in the 156405 MHz window.

formic acid is seen when the ozone depletion is aligned with the peak of the formic acid signal. This is shown in Figure 8.2. This depletion is only visible when the laser is on and ozone is present. This indicates that there is indeed a reaction with formic acid that is triggered upon the photodissociation of ozone. Nonetheless, no definitive evidence of carbonic acid has yet been acquired.

There is one interesting aspect of the results that confirms that formic acid is dimerizing. It is observed that an increase in formic acid signal occurs whenever the laser is on. It is likely that this arises because the energy imparted to the system by the excimer laser is enough to break apart clusters of formic acid.

In an attempt to search for more carbonic acid lines that might lie outside of the targeted search windows, as well as other potential insertion or dissociation products, a band scan of a segment of band 5 was obtained. Several lines are detected, the majority of which are attributed to *trans* and *cis* formic acid and ozone. The *cis* formic acid lines are seen with higher intensities when the laser is on, suggesting that dimer destruction may be a source of this higher energy *cis* conformer of formic acid. Some acetone is also detected, but this is a potential contaminate as it is often used to clean gas lines.

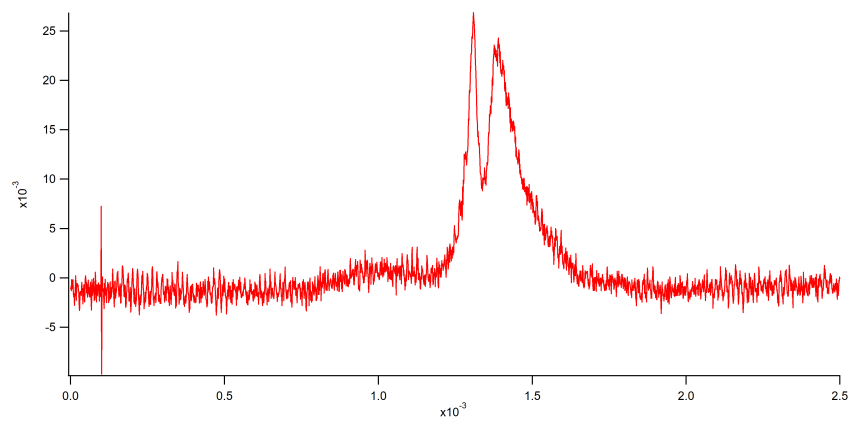


Figure 8.2: Formic acid depletion.

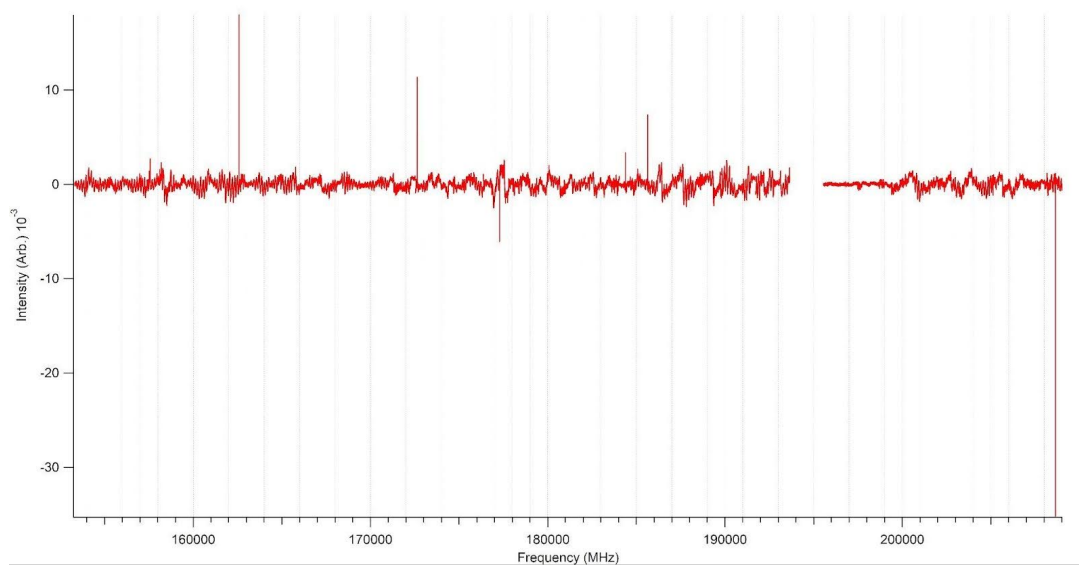


Figure 8.3: Broadband scan at 10000 averages a step.

In addition to these band scans, the laser position was moved from the bottom of the laser tube to the top. No change in the spectra was observed. In one experiment, the tube was also removed entirely. However, this also did not lead to any carbonic acid line detections.

8.4. Conclusion

The reaction of $O(^1D)$ with formic acid was implemented as a production mechanism for carbonic acid to ease in its spectral detection. No predicted lines for carbonic acid were observed. Despite the non-detection, the information gained here provides useful constraints on what experiments might be conducted going forward. The first thing to try in future studies is an adjustment of the formic acid concentration. Perhaps, rather than quenching excess energy with argon collisions, the products were reacting with excess formic acid to form more complex products. Another route for future exploration is to increase the sensitivity of the spectrometer. Others in the Widicus Weaver group are working on designs for an instrument that involves high quality mirrors to form a Fabry-Perot cavity. Once that instrument is operational, carbonic acid should be revisited.

Chapter 9. Summary and Conclusions

This dissertation focuses on the rotational spectra of prebiotic molecules. As the field of astrochemistry advances and molecules continue to be detected in the ISM, the necessity for high quality laboratory spectra only increases. The abundance of telescope data being collected further stresses this point. Faster methods of data collection and spectral analysis must be investigated. For the time being, however, any new molecules studied in the lab may help advance our chemical understanding of the ISM. Prebiotic molecules are likely species for detection given their size. Additionally, their detection may lead us to further understand the mechanisms for the formation of life.

This dissertation covers a range of laboratory approaches to study prebiotic molecules. Chapters 1 and 2 serve as an introduction to astrochemistry and laboratory rotational spectroscopy. The introduction covers why iCOMs are interesting and goes into the unique benefits that rotational molecular spectroscopy provides. Following that is a deeper dive into the specific target molecules that my work included. In Chapter 2, the various experimental setups normally employed in the field are summarized, as well as the two detection techniques I used in this work. This chapter also includes specifics for the computational work employed in this dissertation, as presented in Chapter 5.

In Chapter 3, the extended spectra of two conformers of glycolic acid are reported and discussed. A total of more than 8,000 transitions have been assigned to the *SSC* and *AAT* conformers and two excited vibrational states of the *SSC* conformer. The assignments for the *SSC* conformer now cover frequencies up to 1 THz. Future work related to glycolic acid could include searches for further *AAT* transitions in higher frequency spectra.

In Chapters 4 and 5, the $O(^1D)$ insertion experiment and the many benchmarking efforts that went into the current operation of the instrument are described. The methane + $O(^1D)$ reaction was thoroughly investigated under different experimental conditions. In addition to confirming that methanol forms, other reaction pathways were also investigated, including a search for possible radical products. No radicals were detected in this investigation. The methanol and formaldehyde that formed from the insertion reaction were well-characterized in terms of temperature and relative density. This foundation will springboard future experiments in the group as well as provide lasting insights on various instrumental features.

Chapter 6 diverges from experimental spectroscopy to focus on the computational investigation of the $O(^1D)$ + formamide reaction. Carbamic acid is only one of five potential insertion products from the reaction, but it is the most energetically stable. The calculated transition state for carbamic acid formation is also the only one that does not indicate a barrier to insertion, indicating that this should be the primary reaction pathway. Carbamic acid is a molecule of interest for future laboratory studies. The work presented here can be used as a guide for its experimental characterization.

Finally, Chapter 7 details an attempt to form carbonic acid from the $O(^1D)$ + formic acid reaction. Carbonic acid is the logical next step in organic acids in the ISM. But this molecule is highly reactive and difficult to isolate in the lab. It is therefore an ideal candidate for production via the $O(^1D)$ insertion reaction. The work presented here was intended to provide a much needed extension of the carbonic acid spectrum into the submillimeter regime. Searches for multiple transitions were conducted using tens of thousands of averages, but no carbonic acid lines were detected. Though the spectral search did not prove fruitful, there are many lingering curiosities about the chemistry involved in this experiment that can be further explored in future experiments.

Chapter 10. Appendix 1: Glycolic Acid Supplementary Information

Contained here are the fit files for the two conformers, SSC and AAT, the the two vibrational excited states, $\nu_{21}=1$ and $\nu_{21}=2$.

1 SSC conformer fit file

Glycolic acid, gs of the principal conformer Fri Aug 14 Thu May 18 08:30:04 2023
 LINES REQUESTED= 9576 NUMBER OF PARAMETERS= 15 NUMBER OF ITERATIONS= 5
 MARQUARDT PARAMETER = 0.0000E+00 max OBS-CALC/ERROR =1.0000E+02

PARAMETERS - A.PRIORI ERROR

1	1	10000	1.0696089824216E+04	1.000000E+03	A
2	2	20000	4.0510313306934E+03	1.000000E+02	B
3	3	30000	2.9946620855272E+03	1.000000E+02	C
4	4	200	-8.1672512686587E-04	1.000000E+00	-DJ
5	5	1100	-3.2120580132145E-03	1.000000E+00	-DJK
6	6	2000	-5.6865026034833E-03	1.000000E+00	-DK
7	7	40100	-2.0963383449876E-04	1.000000E+00	-dJ
8	8	41000	-2.6222943360835E-03	1.000000E+00	-dK
9	9	300	-6.0707902179400E-13	1.000000E+00	HJ
10	10	1200	-6.1357239562712E-09	1.000000E+00	HJK
11	11	2100	-2.4253986037509E-08	1.000000E+00	HKJ
12	12	3000	4.9435684513310E-08	1.000000E+00	HK
13	13	40200	3.1171304892071E-11	1.000000E+00	hJ
14	14	41100	-2.7945044481259E-09	1.000000E+00	hJK
15	15	42000	1.5626896123613E-08	1.000000E+00	hK

15 parameters read, 15 independent parameters

ENERGY SORT OF WANG SUB-BLOCKS

PROLATE ROTOR

V KMIN KMAX WTPL WTMN ESYNWT NSYM SPINS

0	0	116	1	1	99	2

BLOCK - WT - SYM - V - TSP - N - other quanta rel. to F=0

1	1	x	0	0
2	1	c	0	0
3	1	b	0	0
4	1	a	0	0

Maximum Dimension for Hamiltonian = 59

	EXP.FREQ.	-	CALC.FREQ.	-	DIFF.	-	EXP.ERR.	-	EST.ERR.	-	AVG. CALC.FREQ.	-	DIFF.	-	WT.
1:	4	2	2	4	1	3	18139.83600	18139.84944	-0.01344	0.04000	0.00000				
2:	49	13	36	49	13	37	18167.11900	18167.10821	0.01079	0.04000	0.00000				
3:	15	4	11	15	4	12	18186.83800	18186.84881	-0.01081	0.04000	0.00000				
4:	6	2	4	6	1	5	18360.47900	18360.46885	0.01015	0.04000	0.00000				
5:	26	7	19	26	7	20	18650.09200	18650.09937	-0.00737	0.04000	0.00000				
6:	53	14	39	53	14	40	18708.84400	18708.83341	0.01059	0.04000	0.00000				
7:	3	2	1	3	1	2	18999.53300	18999.49298	0.04002	0.04000	0.00000				
8:	3	1	3	2	1	2	19483.42500	19483.43772	-0.01272	0.04000	0.00000				
9:	7	2	5	7	1	6	19968.38200	19968.42335	-0.04135	0.04000	0.00000				
10:	30	8	22	30	8	23	20311.07000	20311.06271	0.00729	0.04000	0.00000				
11:	12	3	9	12	3	10	20981.26200	20981.24563	0.01637	0.04000	0.00000				
12:	3	2	2	2	2	1	21136.93000	21136.91495	0.01505	0.04000	0.00000				
13:	19	5	14	19	5	15	21216.17200	21216.18934	-0.01734	0.04000	0.00000				

14:	3	2	1	2	2	0	21592.67100	21592.65985	0.01115	0.04000	0.00000
15:	34	9	25	34	9	26	21785.99700	21786.00151	-0.00451	0.04000	0.00000
16:	9	2	7	9	2	8	22342.83100	22342.84907	-0.01807	0.04000	0.00000
17:	4	0	4	3	1	3	22589.31200	22589.35280	-0.04080	0.04000	0.00000
18:	3	1	2	2	1	1	22644.40100	22644.42171	-0.02071	0.04000	0.00000
19:	8	2	6	8	1	7	22810.60100	22810.57475	0.02625	0.04000	0.00000
20:	38	10	28	38	10	29	23088.94700	23088.94965	-0.00265	0.04000	0.00000
21:	14	5	10	13	6	7	23845.55300	23845.58383	-0.03083	0.04000	0.00000
22:	23	6	17	23	6	18	23923.66700	23923.67541	-0.00841	0.04000	0.00000
23:	42	11	31	42	11	32	24231.83300	24231.85439	-0.02139	0.04000	0.00000
24:	16	6	11	15	7	8	24313.14100	24313.19392	-0.05292	0.04000	0.00000
25:	3	2	2	3	1	3	24757.62200	24757.59405	0.02795	0.04000	0.00000
26:	3	1	3	2	0	2	25188.34100	25188.32449	0.01651	0.04000	0.00000
27:	46	12	34	46	12	35	25225.15500	25225.14414	0.01086	0.04000	0.00000
28:	16	4	12	16	4	13	25244.34900	25244.37286	-0.02386	0.04000	0.00000
29:	14	5	9	13	6	8	25715.66400	25715.66442	-0.00042	0.04000	0.00000
30:	4	1	4	3	1	3	25859.73900	25859.71228	0.02672	0.04000	0.00000
31:	50	13	37	50	13	38	26078.09600	26078.10668	-0.01068	0.04000	0.00000
32:	27	7	20	27	7	21	26347.14300	26347.14655	-0.00355	0.04000	0.00000
33:	9	2	7	9	1	8	26953.01100	26953.07069	-0.05969	0.04000	0.00000
34:	4	2	3	4	1	4	26989.76200	26989.71055	0.05145	0.04000	0.00000
35:	4	0	4	3	0	3	27096.52000	27096.43014	0.08986	0.04000	0.00000
36:	9	3	6	9	2	7	27202.05400	27202.03232	0.02168	0.04000	0.00000
37:	10	3	7	10	2	8	27204.94900	27204.95906	-0.01006	0.04000	0.00000
38:	4	2	3	3	2	2	28091.80100	28091.82877	-0.02777	0.04000	0.00000
39:	13	3	10	13	3	11	28161.96900	28162.03280	-0.06380	0.04000	0.00000
40:	8	3	5	8	2	6	28204.99000	28204.96917	0.02083	0.04000	0.00000
41:	4	3	2	3	3	1	28392.49700	28392.49605	0.00095	0.04000	0.00000
42:	4	3	1	3	3	0	28440.28500	28440.39094	-0.10594	0.04000	0.00000
43:	11	3	8	11	2	9	28481.40300	28481.42467	-0.02167	0.04000	0.00000
44:	31	8	23	31	8	24	28514.25000	28514.24382	0.00618	0.04000	0.00000
45:	20	5	15	20	5	16	29053.44900	29053.47553	-0.02653	0.04000	0.00000
46:	4	2	2	3	2	1	29177.52900	29177.50154	0.02746	0.04000	0.00000
47:	12	3	10	11	4	7	29369.81500	29369.81393	0.00107	0.04000	0.00000
48:	5	2	4	5	1	5	29803.93000	29803.89935	0.03065	0.04000	0.00000
49:	7	3	4	7	2	5	29847.63500	29847.59334	0.04166	0.04000	0.00000
50:	5	0	5	4	1	4	29964.68600	29964.67875	0.00725	0.04000	0.00000
51:	4	1	3	3	1	2	30037.19800	30037.14508	0.05292	0.04000	0.00000
52:	10	3	7	9	4	6	30089.31500	30089.27153	0.04347	0.04000	0.00000
53:	6	1	5	5	2	4	30106.29100	30106.29272	-0.00172	0.04000	0.00000
54:	35	9	26	35	9	27	30446.38000	30446.39540	-0.01540	0.04000	0.00000
55:	12	3	9	12	2	10	31196.93500	31196.95986	-0.02486	0.04000	0.00000
56:	15	5	11	14	6	8	31498.69200	31498.73902	-0.04702	0.04000	0.00000
57:	6	3	3	6	2	4	31706.25600	31706.25401	0.00199	0.04000	0.00000
58:	8	2	6	7	3	5	31952.89300	31952.88351	0.00949	0.04000	0.00000
59:	5	2	4	5	0	5	31995.09400	31995.05773	0.03627	0.04000	0.00000
60:	5	1	5	4	1	4	32155.86100	32155.83712	0.02388	0.04000	0.00000
61:	39	10	29	39	10	30	32160.91600	32160.96404	-0.04804	0.04000	0.00000
62:	10	2	8	10	1	9	32311.73800	32311.86495	-0.12695	0.04000	0.00000

112:	12	9	3	12	8	4	121273.49370	121273.43750	0.05620	0.05000	0.00000	121286.48766	0.00614	0.5000
113:	17	9	9	16	9	8	121286.49380	121286.43255	0.06125	0.05000	0.00000	121286.48766	0.00614	0.5000
114:	17	9	8	16	9	7	121286.49380	121286.54277	-0.04897	0.05000	0.00000	121286.48766	0.00614	0.5000
115:	10	9	1	10	8	2	121478.22330	121478.19152	0.03178	0.05000	0.00000			
116:	28	4	24	28	3	25	121542.51360	121542.48080	0.03280	0.05000	0.00000			
117:	9	9	0	9	8	1	121545.30350	121545.23978	0.06372	0.05000	0.00000			
118:	17	8	10	16	8	9	121621.72630	121621.67815	0.04815	0.05000	0.00000			
119:	17	8	9	16	8	8	121624.63450	121624.61027	0.02423	0.05000	0.00000			
120:	26	3	23	26	2	24	121690.53710	121690.53945	-0.00235	0.05000	0.00000			
121:	30	6	25	30	5	26	121766.54910	121766.56415	-0.01505	0.05000	0.00000			
122:	30	6	25	30	4	26	121970.88560	121970.87111	0.01449	0.05000	0.00000			
123:	34	10	25	34	9	26	122816.11740	122816.12282	-0.00542	0.05000	0.00000			
124:	36	9	28	36	8	29	122865.86710	122865.87473	-0.00763	0.05000	0.00000			
125:	52	12	40	52	11	41	122911.36800	122911.37937	-0.01137	0.05000	0.00000			
126:	35	10	26	35	9	27	122978.99850	122978.98563	0.01287	0.05000	0.00000			
127:	33	6	27	33	5	28	123074.76410	123074.78829	-0.02419	0.05000	0.00000			
128:	33	10	24	33	9	25	123110.84440	123110.87897	-0.03457	0.05000	0.00000			
129:	53	14	39	53	13	40	123146.25770	123146.31786	-0.06016	0.05000	0.00000			
130:	46	15	31	45	16	30	124532.34190	124532.26875	0.07315	0.05000	0.00000			
131:	31	10	22	31	9	23	124641.66830	124641.66441	0.00389	0.05000	0.00000			
132:	29	10	19	29	9	20	124787.64190	124787.62027	0.02163	0.05000	0.00000			
133:	37	10	28	37	9	29	125053.75770	125053.75498	0.00272	0.05000	0.00000			
134:	44	14	30	43	15	29	125372.30650	125372.26392	0.04258	0.05000	0.00000			
135:	42	12	30	42	11	31	125448.45510	125448.50035	-0.04525	0.05000	0.00000			
136:	30	10	21	30	9	22	125672.76940	125672.76113	0.00827	0.05000	0.00000			
137:	59	14	45	59	13	46	125716.93010	125716.92190	0.00820	0.05000	0.00000			
138:	64	16	48	64	15	49	126278.83090	126278.85318	-0.02228	0.05000	0.00000			
139:	35	8	28	35	7	29	126441.51830	126441.55565	-0.03735	0.05000	0.00000			
140:	25	3	23	25	2	24	126595.38800	126595.37761	0.01039	0.05000	0.00000			
141:	28	10	18	28	9	19	126726.65020	126726.64164	0.00856	0.05000	0.00000			
142:	29	10	20	29	9	21	126766.48750	126766.46678	0.02072	0.05000	0.00000			
143:	65	16	49	65	15	50	126933.82020	126933.85152	-0.03132	0.05000	0.00000			
144:	18	4	15	17	4	14	126984.21360	126984.26031	-0.04671	0.05000	0.00000			
145:	33	7	27	33	6	28	126985.43590	126985.45891	-0.02301	0.05000	0.00000			
146:	38	10	29	38	9	30	127097.71190	127097.71754	-0.00564	0.05000	0.00000			
147:	18	16	2	17	16	1	127566.39590	127566.40323	-0.00733	0.05000	0.00000			
148:	18	15	3	17	15	2	127632.23720	127632.25205	-0.01485	0.05000	0.00000			
149:	18	14	4	17	14	3	127711.66220	127711.67120	-0.00900	0.05000	0.00000			
150:	18	13	5	17	13	4	127809.17940	127809.17997	-0.00057	0.05000	0.00000			
151:	28	10	19	28	9	20	127859.49490	127859.48319	0.01171	0.05000	0.00000			
152:	18	12	6	17	12	5	127931.32120	127931.33981	-0.01861	0.05000	0.00000			
153:	18	11	8	17	11	7	128088.01750	128088.00753	0.00997	0.05000	0.00000			
154:	27	10	17	27	9	18	128281.63150	128281.62535	0.00615	0.05000	0.00000			
155:	18	10	8	17	10	7	128294.64240	128294.64380	-0.00140	0.05000	0.00000			
156:	20	1	19	19	1	18	128366.56520	128366.55764	0.00756	0.05000	0.00000			
157:	47	13	34	47	12	35	128391.18610	128391.23459	-0.04849	0.05000	0.00000			
158:	19	2	17	18	2	16	128406.14090	128406.14560	-0.00470	0.05000	0.00000			
159:	17	4	13	16	4	12	128598.53390	128598.50500	0.02890	0.05000	0.00000			
160:	21	0	21	20	0	20	128615.14050	128615.17073	-0.03023	0.05000	0.00000	128615.12676	0.01374	0.5000

161:	21	1	21	20	1	20	128615.14050	128615.08279	0.05771	0.05000	0.00000	128615.12676	0.01374	0.5000
162:	63	16	47	63	15	48	128713.32830	128713.36610	-0.03780	0.05000	0.00000			
163:	27	10	18	27	9	19	128907.21460	128907.19945	0.01515	0.05000	0.00000			
164:	18	8	10	17	8	9	128984.42830	128984.43496	-0.00666	0.05000	0.00000			
165:	56	13	43	56	12	44	129267.81920	129267.80233	0.01687	0.05000	0.00000			
166:	26	10	16	26	9	17	129548.34970	129548.34270	0.00700	0.05000	0.00000			
167:	18	5	14	17	5	13	129731.91650	129731.84434	0.07216	0.05000	0.00000			
168:	39	10	30	39	9	31	129850.21310	129850.23522	-0.02212	0.05000	0.00000			
169:	26	10	17	26	9	18	129881.55680	129881.53273	0.02407	0.05000	0.00000			
170:	18	3	15	17	3	14	130103.44460	130103.44214	0.00246	0.05000	0.00000			
171:	18	6	13	17	6	12	130124.34540	130124.34215	0.00325	0.05000	0.00000			
172:	34	6	28	34	5	29	130366.09940	130366.08990	0.00950	0.05000	0.00000			
173:	52	14	38	52	13	39	130389.47010	130389.52885	-0.05875	0.05000	0.00000			
174:	25	10	15	25	9	16	130596.59780	130596.57995	0.01785	0.05000	0.00000			
175:	25	10	16	25	9	17	130767.60310	130767.59459	0.00851	0.05000	0.00000			
176:	66	16	50	66	15	51	130826.78610	130826.78505	0.00105	0.05000	0.00000			
177:	46	10	36	46	9	37	130878.19130	130878.16321	0.02809	0.05000	0.00000			
178:	24	10	14	24	9	15	131475.69880	131475.63347	0.06533	0.05000	0.00000			
179:	24	10	15	24	9	16	131560.10680	131560.09136	0.01544	0.05000	0.00000			
180:	41	12	29	41	11	30	131657.01130	131657.06188	-0.05058	0.05000	0.00000			
181:	25	6	19	24	7	18	131870.81340	131870.80482	0.00858	0.05000	0.00000			
182:	50	11	39	50	11	40	131935.16040	131935.11860	0.04180	0.05000	0.00000			
183:	36	8	29	36	7	30	131985.18780	131985.16344	0.02436	0.05000	0.00000			
184:	23	10	13	23	9	14	132220.08510	132220.03748	0.04762	0.05000	0.00000			
185:	23	10	14	23	9	15	132260.13020	132260.08524	0.04496	0.05000	0.00000			
186:	26	3	24	26	2	25	132359.19220	132359.15460	0.03760	0.05000	0.00000			
187:	22	10	12	22	9	13	132854.27280	132854.24384	0.02896	0.05000	0.00000			
188:	37	7	30	37	6	31	132979.20790	132979.20753	0.00037	0.05000	0.00000			
189:	34	7	28	34	5	29	133201.09420	133201.02192	0.07228	0.05000	0.00000			
190:	40	10	31	40	9	32	133297.67650	133297.67833	-0.00183	0.05000	0.00000			
191:	43	9	34	43	8	35	133329.94580	133329.97779	-0.03199	0.05000	0.00000			
192:	19	4	16	18	4	15	133338.76160	133338.74677	0.01483	0.05000	0.00000			
193:	21	10	11	21	9	12	133396.06390	133396.03250	0.03140	0.05000	0.00000			
194:	21	10	12	21	9	13	133403.91850	133403.90784	0.01066	0.05000	0.00000			
195:	68	17	51	68	16	52	133492.35500	133492.35108	0.00392	0.05000	0.00000			
196:	47	15	32	46	16	31	133576.94180	133576.93451	0.00729	0.05000	0.00000			
197:	69	17	52	69	16	53	133603.67340	133603.70580	-0.03240	0.05000	0.00000			
198:	30	4	26	30	3	27	133755.75910	133755.73036	0.02874	0.05000	0.00000			
199:	32	6	27	32	4	28	133770.16730	133770.15261	0.01469	0.05000	0.00000			
200:	34	11	23	34	10	24	133775.72810	133775.72527	0.00283	0.05000	0.00000			
201:	62	16	46	62	15	47	133804.65050	133804.73028	-0.07978	0.05000	0.00000			
202:	20	10	10	20	9	11	133858.86990	133858.83302	0.03688	0.05000	0.00000			
203:	20	10	11	20	9	12	133862.09700	133862.07341	0.02359	0.05000	0.00000			
204:	53	12	41	53	11	42	133885.28570	133885.30728	-0.02158	0.05000	0.00000			
205:	38	11	28	38	10	29	133915.43670	133915.42155	0.01515	0.05000	0.00000			
206:	39	11	29	39	10	30	133916.21100	133916.18661	0.02439	0.05000	0.00000			
207:	30	5	26	30	4	27	133947.35530	133947.34576	0.00954	0.05000	0.00000			
208:	30	5	26	30	3	27	133960.05130	133960.03732	0.01398	0.05000	0.00000			
209:	40	8	32	40	7	33	134037.30940	134037.31097	-0.00157	0.05000	0.00000			

210:	20	3	18	19	3	17	134123.05390	134122.99633	0.05757	0.05000	0.00000	
211:	19	10	9	19	9	10	134253.28260	134253.23387	0.04873	0.05000	0.00000	
212:	19	10	10	19	9	11	134254.54130	134254.49359	0.04771	0.05000	0.00000	
213:	20	2	18	19	2	17	134299.89660	134299.85266	0.04394	0.05000	0.00000	
214:	21	1	20	20	2	19	134337.46250	134337.41601	0.04649	0.05000	0.00000	
215:	21	2	20	20	2	19	134342.66390	134342.61590	0.04800	0.05000	0.00000	
216:	21	1	20	20	1	19	134347.33700	134347.31268	0.02432	0.05000	0.00000	
217:	21	2	20	20	1	19	134352.53620	134352.51256	0.02364	0.05000	0.00000	
218:	37	11	27	37	10	28	134373.29080	134373.29625	-0.00545	0.05000	0.00000	
219:	17	4	14	16	3	13	134456.30390	134456.30996	-0.00606	0.05000	0.00000	
220:	40	11	30	40	10	31	134476.93450	134477.00411	-0.06961	0.05000	0.00000	
221:	20	3	18	19	2	17	134536.52350	134536.59657	0.02693	0.05000	0.00000	
222:	19	18	1	18	18	0	134585.06170	134585.05104	0.01066	0.05000	0.00000	
223:	18	10	8	18	9	9	134587.96060	134587.93270	0.02790	0.05000	0.00000	
224:	22	1	22	21	1	21	134601.85010	134601.83650	0.01360	0.05000	0.00000	134601.85835
225:	22	0	22	21	0	21	134601.85010	134601.88021	-0.03011	0.05000	0.00000	-0.00825 0.5000
226:	19	17	2	18	17	1	134640.28590	134640.28281	0.00309	0.05000	0.00000	-0.00825 0.5000
227:	45	14	31	44	15	30	134669.14440	134669.14622	-0.00182	0.05000	0.00000	
228:	19	16	3	18	16	2	134705.00510	134705.02226	-0.01716	0.05000	0.00000	
229:	19	15	4	18	15	3	134781.98480	134782.00951	-0.02471	0.05000	0.00000	
230:	18	5	13	17	5	12	134828.33850	134828.35918	-0.02068	0.05000	0.00000	
231:	17	10	8	17	9	9	134870.39530	134870.47870	-0.08340	0.05000	0.00000	134870.40067
232:	17	10	7	17	9	8	134870.39530	134870.32264	0.07266	0.05000	0.00000	134870.40067
233:	19	14	5	18	14	4	134875.05540	134875.02637	0.02903	0.05000	0.00000	
234:	19	13	6	18	13	5	134989.47510	134989.42034	0.05476	0.05000	0.00000	
235:	16	10	7	16	9	8	135106.96160	135106.90027	0.06133	0.05000	0.00000	
236:	19	12	7	18	12	6	135133.01860	135132.97451	0.04409	0.05000	0.00000	
237:	15	10	6	15	9	7	135303.32360	135303.25714	0.06646	0.05000	0.00000	
238:	19	11	8	18	11	7	135317.42370	135317.42537	-0.00167	0.05000	0.00000	
239:	8	6	2	7	5	3	135342.41300	135342.41804	-0.00504	0.05000	0.00000	
240:	60	14	46	60	13	47	135463.20540	135463.19293	0.01247	0.05000	0.00000	
241:	14	10	5	14	9	6	135464.66050	135464.64198	0.01852	0.05000	0.00000	
242:	19	10	9	18	10	8	135561.31110	135561.29947	0.01163	0.05000	0.00000	
243:	13	10	3	13	9	4	135595.72390	135595.68545	0.03845	0.05000	0.00000	
244:	19	3	16	18	3	15	135678.64980	135678.63875	0.01105	0.05000	0.00000	
245:	41	11	31	41	10	32	135681.16440	135681.18906	-0.02466	0.05000	0.00000	
246:	12	10	2	12	9	3	135700.69850	135700.60328	0.09522	0.05000	0.00000	
247:	11	10	1	11	9	2	135783.31730	135783.22601	0.09129	0.05000	0.00000	
248:	10	10	0	10	9	1	135847.10250	135847.03480	0.06770	0.05000	0.00000	
249:	18	4	14	17	4	13	135850.83060	135850.79202	0.03858	0.05000	0.00000	
250:	19	9	11	18	9	10	135895.18340	135895.16793	0.01547	0.05000	0.00000	
251:	19	9	10	18	9	9	135896.02980	135895.99829	0.03151	0.05000	0.00000	
252:	35	11	25	35	10	26	136228.35780	136228.33977	0.01803	0.05000	0.00000	
253:	43	13	30	42	14	29	136291.57060	136291.54683	0.02377	0.05000	0.00000	
254:	19	8	12	18	8	11	136369.02390	136369.01437	0.00953	0.05000	0.00000	
255:	19	8	11	18	8	10	136385.48340	136385.44038	0.04302	0.05000	0.00000	
256:	33	11	22	33	10	23	136470.39350	136470.37926	0.01424	0.05000	0.00000	
257:	20	3	17	19	4	16	136633.96010	136633.94789	0.01221	0.05000	0.00000	
258:	19	5	15	18	5	14	136695.01850	136695.00074	0.01776	0.05000	0.00000	

259:	39	9	31	39	8	32	136946.03590	136946.01269	0.02321	0.05000	0.00000	
260:	19	7	13	18	7	12	137016.71450	137016.66243	0.05207	0.05000	0.00000	
261:	40	12	28	40	11	29	137019.92750	137019.95090	-0.02340	0.05000	0.00000	
262:	35	6	29	35	5	30	137310.60280	137310.56969	0.03311	0.05000	0.00000	
263:	41	10	32	41	9	33	137395.28310	137395.28802	-0.00492	0.05000	0.00000	
264:	34	11	24	34	10	25	137419.91150	137419.88217	0.02933	0.05000	0.00000	
265:	19	6	14	18	6	13	137533.28600	137533.29580	-0.00980	0.05000	0.00000	
266:	42	11	32	42	10	33	137585.52960	137585.58586	-0.05626	0.05000	0.00000	
267:	27	3	25	27	2	26	138117.30310	138117.25243	0.05067	0.05000	0.00000	
268:	51	14	37	51	13	38	138130.35050	138130.43726	-0.08676	0.05000	0.00000	
269:	33	11	23	33	10	24	138672.90220	138672.91464	-0.01244	0.05000	0.00000	
270:	20	4	17	19	4	16	139586.47530	139586.45821	0.01709	0.05000	0.00000	
271:	32	11	22	32	10	23	139924.02870	139924.00864	0.02006	0.05000	0.00000	
272:	21	3	19	20	3	18	140120.67100	140120.64943	0.02157	0.05000	0.00000	
273:	23	1	23	22	1	22	140588.42380	140588.40484	0.01896	0.05000	0.00000	140588.41566
274:	23	0	23	22	0	22	140588.42380	140588.42648	-0.00268	0.05000	0.00000	0.00814 0.5000
275:	38	7	31	38	6	32	140602.66480	140602.67845	-0.01365	0.05000	0.00000	0.00814 0.5000
276:	50	14	36	50	13	37	145670.01010	145670.07155	-0.06145	0.05000	0.00000	
277:	21	4	18	20	4	17	145747.55460	145747.53398	0.02062	0.05000	0.00000	
278:	22	2	20	21	2	19	146167.59860	146167.60753	-0.00893	0.05000	0.00000	
279:	23	1	22	22	1	21	146312.57070	146312.56419	0.00651	0.05000	0.00000	
280:	48	10	38	48	9	39	151478.66410	151478.66012	0.00398	0.05000	0.00000	
281:	36	12	25	36	11	26	151821.58580	151821.58611	-0.00031	0.05000	0.00000	
282:	45	9	36	45	8	37	151839.45540	151839.42644	0.02896	0.05000	0.00000	
283:	22	4	19	21	4	18	151842.33000	151842.30364	0.02636	0.05000	0.00000	
284:	23	3	21	22	3	20	152090.94260	152090.92994	0.01266	0.05000	0.00000	
285:	23	2	21	22	2	20	152124.36190	152124.33542	0.02648	0.05000	0.00000	
286:	21	6	16	20	6	15	152155.72600	152155.70938	0.01662	0.05000	0.00000	
287:	49	15	34	48	16	33	152277.68110	152277.65755	0.02355	0.05000	0.00000	
288:	24	1	23	23	1	22	152296.12040	152296.10099	0.01941	0.05000	0.00000	
289:	58	13	45	58	12	46	152317.35510	152317.34630	0.00880	0.05000	0.00000	
290:	35	12	23	35	11	24	152350.60030	152350.60231	-0.00201	0.05000	0.00000	
291:	43	13	30	43	12	31	152454.64140	152454.67124	-0.02984	0.05000	0.00000	
292:	49	14	35	49	13	36	152517.23100	152517.22307	0.00793	0.05000	0.00000	
293:	25	1	25	24	1	24	152560.92770	152560.93827	-0.01057	0.05000	0.00000	152560.94089
294:	25	0	25	24	0	24	152560.92770	152560.94351	-0.01581	0.05000	0.00000	-0.01319 0.5000
295:	22	3	19	21	3	18	152561.76610	152561.73798	0.02812	0.05000	0.00000	
296:	44	10	35	44	9	36	152813.85740	152813.87109	-0.01369	0.05000	0.00000	
297:	47	14	34	46	15	31	152862.67040	152862.65422	0.01618	0.05000	0.00000	
298:	35	12	24	35	11	25	153175.96960	153175.96066	0.00894	0.05000	0.00000	
299:	72	17	65	72	16	56	153219.94290	153219.93072	0.01218	0.05000	0.00000	
300:	48	12	37	48	11	38	153673.61640	153673.63941	-0.02301	0.05000	0.00000	
301:	81	20	61	81	19	62	153809.16480	153809.09107	0.07373	0.05000	0.00000	
302:	34	12	22	34	11	23	153988.91650	153988.91525	0.00125	0.05000	0.00000	
303:	47	14	33	46	15	32	154143.28480	154143.26910	0.01570	0.05000	0.00000	
304:	34	12	23	34	11	24	154452.22970	154452.24812	-0.01842	0.05000	0.00000	
305:	40	7	33	40	6	34	154730.53060	154730.49525	0.03535	0.05000	0.00000	
306:	21	4	17	20	4	16	154971.59890	154971.56869	0.03021	0.05000	0.00000	
307:	30	3	28	30	2	29	155361.55620	155361.55265	0.00355	0.05000	0.00000	

308:	33	12	21	33	11	22	155381.29130	155381.28636	0.00494	0.05000	0.00000	
309:	47	13	35	47	12	36	155389.54920	155389.58194	-0.03274	0.05000	0.00000	
310:	79	19	60	79	18	61	155415.60500	155415.58373	0.02127	0.05000	0.00000	
311:	80	20	60	80	19	61	155505.90770	155505.81219	0.09551	0.05000	0.00000	
312:	82	20	62	82	19	63	155698.20090	155698.10127	0.09963	0.05000	0.00000	
313:	46	13	34	46	12	35	155709.18200	155709.21779	-0.03579	0.05000	0.00000	
314:	22	21	1	21	21	0	155800.30640	155800.33184	-0.02544	0.05000	0.00000	
315:	22	20	2	21	20	1	155855.51030	155855.50659	0.00371	0.05000	0.00000	
316:	22	19	3	21	19	2	155918.21060	155918.24158	-0.03098	0.05000	0.00000	
317:	22	18	4	21	18	3	155990.34390	155990.36158	-0.01768	0.05000	0.00000	
318:	40	8	33	40	7	34	156021.88490	156021.82049	0.06441	0.05000	0.00000	
319:	22	17	5	21	17	4	156074.22980	156074.25585	-0.02605	0.05000	0.00000	
320:	22	16	6	21	16	5	156173.11140	156173.10486	0.00654	0.05000	0.00000	
321:	22	15	7	21	15	6	156291.24320	156291.22329	0.01991	0.05000	0.00000	
322:	42	13	29	42	12	30	156303.94820	156304.02904	-0.08084	0.05000	0.00000	
323:	22	14	8	21	14	7	156434.61560	156434.59550	0.02010	0.05000	0.00000	
324:	45	13	33	45	12	34	156486.54770	156486.57096	-0.02326	0.05000	0.00000	
325:	49	13	37	49	12	38	156532.69420	156532.70980	-0.01560	0.05000	0.00000	
326:	32	12	20	32	11	21	156680.66100	156580.63898	0.02202	0.05000	0.00000	
327:	22	13	9	21	13	8	156611.69870	156611.74334	-0.04464	0.05000	0.00000	
328:	48	14	35	47	15	32	162328.19190	162328.12849	0.06341	0.05000	0.00000	
329:	23	12	12	23	11	13	162550.05040	162550.07430	-0.02390	0.05000	0.00000	0.02409 0.5000
330:	23	12	11	23	11	12	162550.05040	162549.97831	0.07209	0.05000	0.00000	0.02409 0.5000
331:	23	22	2	22	22	1	162869.47710	162869.49669	-0.01959	0.05000	0.00000	
332:	22	12	11	22	11	12	162881.96960	162881.96298	0.00662	0.05000	0.00000	0.02389 0.5000
333:	22	12	10	22	11	11	162881.96960	162881.92844	0.04116	0.05000	0.00000	0.02389 0.5000
334:	23	21	2	22	21	1	162924.83400	162924.83902	-0.00502	0.05000	0.00000	
335:	23	20	3	22	20	2	162987.20340	162987.24284	-0.03944	0.05000	0.00000	
336:	23	19	4	22	19	3	163058.31550	163058.32760	-0.01210	0.05000	0.00000	
337:	39	6	33	39	5	34	163069.67100	163069.64938	0.02162	0.05000	0.00000	
338:	23	5	19	22	5	18	163107.74580	163107.74187	0.00393	0.05000	0.00000	
339:	23	18	5	22	18	4	163140.17270	163140.18451	-0.01181	0.05000	0.00000	
340:	21	12	9	21	11	10	163170.95090	163170.90736	0.04354	0.05000	0.00000	0.03768 0.5000
341:	21	12	10	21	11	11	163170.95090	163170.91907	0.03183	0.05000	0.00000	0.03768 0.5000
342:	23	17	6	22	17	5	163235.51030	163235.55405	-0.04375	0.05000	0.00000	
343:	23	16	7	22	16	6	163348.08160	163348.08845	-0.00685	0.05000	0.00000	
344:	47	14	33	47	13	34	163366.35700	163366.40074	-0.04374	0.05000	0.00000	
345:	20	12	8	20	11	9	163421.23450	163421.21410	0.02040	0.05000	0.00000	0.01854 0.5000
346:	20	12	9	20	11	10	163421.23450	163421.21782	0.01668	0.05000	0.00000	0.01854 0.5000
347:	23	15	8	22	15	7	163482.73850	163482.75023	-0.01173	0.05000	0.00000	
348:	40	13	28	40	12	29	163572.55010	163572.53443	0.01567	0.05000	0.00000	
349:	19	12	7	19	11	8	163636.80700	163636.78398	0.02302	0.05000	0.00000	0.02247 0.5000
350:	19	12	8	19	11	9	163636.80700	163636.78507	0.02193	0.05000	0.00000	0.02247 0.5000
351:	52	13	40	52	12	41	163653.05770	163653.02936	0.02834	0.05000	0.00000	
352:	18	12	7	18	11	8	163821.29560	163821.23514	0.06046	0.05000	0.00000	0.06061 0.5000
353:	18	12	6	18	11	7	163821.29560	163821.23485	0.06075	0.05000	0.00000	0.06061 0.5000
354:	23	13	10	22	13	9	163848.96710	163849.00444	-0.03734	0.05000	0.00000	
355:	24	4	21	23	4	20	163903.41100	163903.41673	-0.00573	0.05000	0.00000	
356:	17	12	6	17	11	7	163977.91320	163977.90286	0.01034	0.05000	0.00000	

357:	25	3	23	24	3	22	164049.16400	164049.17526	-0.01126	0.05000	0.00000				
358:	25	2	23	24	2	22	164059.46240	164059.47172	-0.00932	0.05000	0.00000				
359:	23	12	22	12	11		164105.01100	164105.01065	0.00035	0.05000	0.00000	164105.01176	-0.00076	0.5000	
360:	23	12	11	22	12	10	164105.01100	164105.01286	-0.00186	0.05000	0.00000	164105.01176	-0.00076	0.5000	
361:	16	12	5	16	11	6	164109.90440	164109.87033	0.03407	0.05000	0.00000				
362:	39	13	26	39	12	27	164157.74700	164157.77228	-0.02528	0.05000	0.00000				
363:	24	3	21	23	3	20	164179.51740	164179.48590	0.03150	0.05000	0.00000				
364:	59	13	46	59	12	47	164192.87520	164192.66347	0.01173	0.05000	0.00000				
365:	15	12	4	15	11	5	164220.05080	164219.98873	0.06207	0.05000	0.00000				
366:	26	1	25	25	1	24	164263.72690	164263.80939	-0.08249	0.05000	0.00000	164263.71832	0.00858	0.5000	
367:	26	2	25	25	2	24	164263.72690	164263.62725	0.09965	0.05000	0.00000	164263.71832	0.00858	0.5000	
368:	13	12	2	13	11	3	164385.07040	164385.03146	0.03894	0.05000	0.00000				
369:	23	11	12	22	11	11	164436.93960	164436.96299	-0.02339	0.05000	0.00000	164436.93116	0.00844	0.5000	
370:	23	11	13	22	11	12	164436.93960	164436.89932	0.04028	0.05000	0.00000	164436.93116	0.00844	0.5000	
371:	27	0	27	26	0	26	164532.59660	164532.58419	0.01241	0.05000	0.00000				
372:	58	16	42	58	15	43	165899.53930	165899.63021	-0.09091	0.05000	0.00000				
373:	38	13	25	38	12	26	165967.23900	165967.26057	-0.02157	0.05000	0.00000				
374:	23	4	19	22	4	18	166085.20250	166085.17727	0.02523	0.05000	0.00000				
375:	23	6	18	22	6	17	166337.85660	166337.84092	0.01568	0.05000	0.00000				
376:	32	3	30	32	2	31	166837.08530	166837.13032	-0.04502	0.05000	0.00000	166837.06202	0.02328	0.5000	
377:	32	2	30	32	1	31	166837.08530	166836.99373	0.09157	0.05000	0.00000	166837.06202	0.02328	0.5000	
378:	51	12	40	51	11	41	167305.17490	167305.19849	-0.02359	0.05000	0.00000				
379:	46	14	32	46	13	33	167428.69510	167428.73423	-0.03913	0.05000	0.00000				
380:	53	13	41	53	12	42	167503.23770	167503.27266	-0.03496	0.05000	0.00000				
381:	63	17	46	63	16	47	167514.96500	167515.01558	-0.05058	0.05000	0.00000				
382:	37	13	25	37	12	26	167811.13910	167811.15002	-0.01092	0.05000	0.00000				
383:	56	12	44	56	11	45	167812.06950	167812.05851	0.01099	0.05000	0.00000				
384:	53	11	42	53	11	43	167825.87290	167825.86786	0.00504	0.05000	0.00000				
385:	42	7	35	42	7	36	167860.26310	167860.27150	-0.00840	0.05000	0.00000				
386:	42	7	35	42	6	36	167909.67060	167909.67257	-0.00197	0.05000	0.00000				
387:	78	20	58	78	19	59	167949.16640	167949.09468	0.07172	0.05000	0.00000				
388:	47	9	38	47	8	39	167975.40230	167975.41751	-0.01521	0.05000	0.00000				
389:	73	19	54	73	18	55	167999.52350	167999.49514	0.02836	0.05000	0.00000				
390:	68	18	50	68	17	51	168057.68170	168057.68225	-0.00055	0.05000	0.00000				
391:	42	8	35	42	7	36	168405.64020	168405.67468	-0.03448	0.05000	0.00000				
392:	50	12	39	50	10	40	168520.61700	168520.64726	-0.03026	0.05000	0.00000				
393:	46	13	33	45	14	32	168549.66800	168549.68393	-0.01593	0.05000	0.00000				
394:	50	10	40	50	10	41	168644.85640	168644.84843	0.00797	0.05000	0.00000				
395:	48	14	35	48	13	36	168647.15010	168647.18866	-0.03856	0.05000	0.00000				
396:	49	11	39	49	10	40	168837.21380	168837.23351	-0.01971	0.05000	0.00000				
397:	36	13	23	36	12	24	168869.55820	168869.60849	-0.05029	0.05000	0.00000				
398:	36	13	24	36	12	25	169027.88780	169027.91247	-0.02467	0.05000	0.00000				
399:	23	7	16	22	7	15	169059.07050	169059.06922	0.00128	0.05000	0.00000				
400:	52	15	37	52	14	38	169064.37450	169064.37197	0.00253	0.05000	0.00000				
401:	14	4	10	13	3	11	169151.52430	169151.48346	0.04084	0.05000	0.00000				
402:	40	6	34	40	6	35	169223.84470	169223.84465	0.00005	0.05000	0.00000				
403:	40	6	34	40	5	35	169234.67090	169234.62962	0.04128	0.05000	0.00000				
404:	36	4	32	36	3	33	169266.62200	169266.66945	-0.04745	0.05000	0.00000				
405:	36	5	32	36	4	33	169273.11850	169273.03819	0.08031	0.05000	0.00000				

406:	40	7	34	40	6	35	169368.84680	169368.86101	-0.01421	0.05000	0.00000	
407:	40	7	34	40	5	35	169379.65140	169379.64598	0.00542	0.05000	0.00000	
408:	24	5	20	23	5	19	169384.54090	169384.49015	0.05075	0.05000	0.00000	
409:	50	10	40	50	9	41	169533.35380	169533.30252	0.05128	0.05000	0.00000	
410:	53	11	42	53	10	43	169565.40680	169565.42248	-0.01568	0.05000	0.00000	
411:	38	5	33	38	5	34	169610.30450	169610.34353	-0.03903	0.05000	0.00000	
412:	38	5	33	38	4	34	169612.35520	169612.35819	-0.00299	0.05000	0.00000	
413:	38	6	33	38	5	34	169644.01700	169644.00425	0.01275	0.05000	0.00000	
414:	25	3	22	24	4	21	169668.65580	169668.59190	0.06390	0.05000	0.00000	
415:	22	5	18	21	4	17	169804.53940	169804.41497	0.12443	0.05000	0.00000	
416:	25	4	22	24	4	21	169896.71660	169896.69127	0.02533	0.05000	0.00000	
417:	13	6	8	12	5	7	169961.40190	169961.31806	0.08384	0.05000	0.00000	
418:	24	22	2	23	22	1	169992.80060	169992.83948	-0.03888	0.05000	0.00000	
419:	26	2	24	25	3	23	170020.88870	170020.85099	0.03771	0.05000	0.00000	
420:	26	3	24	25	3	23	170027.45880	170027.40424	0.05456	0.05000	0.00000	
421:	26	2	24	25	2	23	170033.09720	170033.03515	0.06205	0.05000	0.00000	
422:	26	3	24	25	2	23	170039.66140	170039.58840	0.07300	0.05000	0.00000	
423:	24	21	3	23	21	2	170055.01420	170055.04481	-0.03061	0.05000	0.00000	
424:	25	3	22	24	3	21	170062.22250	170062.19618	0.02632	0.05000	0.00000	
425:	24	20	4	23	20	3	170125.29750	170125.31405	-0.01655	0.05000	0.00000	
426:	35	13	23	35	12	24	170139.36140	170139.36377	-0.00237	0.05000	0.00000	
427:	47	14	34	47	13	35	170156.80250	170156.86133	-0.05883	0.05000	0.00000	
428:	24	19	5	23	19	4	170205.47990	170205.49215	-0.01225	0.05000	0.00000	
429:	27	1	26	26	1	25	170247.70910	170247.73696	-0.02786	0.05000	0.00000	
430:	27	2	26	26	2	25	170247.70910	170247.64355	0.06555	0.05000	0.00000	0.01885 0.5000
431:	49	11	39	49	9	40	170255.70260	170255.70021	0.00239	0.05000	0.00000	0.01885 0.5000
432:	25	4	22	24	3	21	170290.37130	170290.29556	0.07574	0.05000	0.00000	
433:	24	18	6	23	18	5	170297.98980	170297.96331	0.02649	0.05000	0.00000	
434:	24	17	7	23	17	6	170405.81430	170405.85511	-0.04081	0.05000	0.00000	
435:	13	6	7	12	5	8	170436.44190	170436.38787	0.05403	0.05000	0.00000	
436:	55	14	42	55	13	43	170499.36950	170499.45443	-0.08493	0.05000	0.00000	
437:	28	0	28	27	0	27	170518.04280	170518.04156	0.00124	0.05000	0.00000	
438:	77	18	59	77	17	60	170527.15650	170527.16352	-0.00702	0.05000	0.00000	
439:	24	16	8	23	16	7	170533.35990	170533.34117	0.01873	0.05000	0.00000	
440:	31	1	30	31	0	31	170586.10800	170586.13711	-0.02911	0.05000	0.00000	
441:	24	15	9	23	15	8	170686.10540	170686.10279	0.00261	0.05000	0.00000	
442:	11	7	5	10	6	4	170841.80100	170841.76074	0.04026	0.05000	0.00000	
443:	11	7	4	10	6	5	170844.01340	170843.99452	0.01888	0.05000	0.00000	
444:	24	14	10	23	14	9	170872.06910	170872.05737	0.01173	0.05000	0.00000	
445:	47	10	38	47	9	39	171021.47800	171021.49708	-0.01908	0.05000	0.00000	
446:	9	8	2	8	7	1	171046.87440	171046.82967	0.04473	0.05000	0.00000	
447:	24	13	11	23	13	10	171102.56880	171102.55679	0.01201	0.05000	0.00000	
448:	34	13	21	34	12	22	171105.65030	171105.62185	0.02845	0.05000	0.00000	
449:	63	14	49	63	13	50	171275.36810	171275.35020	0.01790	0.05000	0.00000	
450:	24	12	12	23	12	11	171394.47650	171394.46895	0.00755	0.05000	0.00000	0.01073 0.5000
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452:	47	10	38	47	8	39	171453.09390	171453.05122	0.04268	0.05000	0.00000	
453:	24	4	20	23	4	19	171533.59220	171533.57884	0.01336	0.05000	0.00000	
454:	60	13	47	60	13	48	171738.49210	171738.51687	-0.02477	0.05000	0.00000	

455:	24	11	13	23	11	12	171774.03420	171774.11453	-0.08033	0.05000	0.00000	171774.03290	0.00130	0.5000
456:	24	11	14	23	11	13	171774.03420	171773.95127	0.08293	0.05000	0.00000	171774.03290	0.00130	0.5000
457:	46	14	33	46	13	34	171802.14690	171802.15240	-0.00550	0.05000	0.00000			
458:	49	14	36	48	15	33	171839.19290	171839.11972	0.07318	0.05000	0.00000			
459:	45	8	37	45	8	38	171939.42450	171939.43622	-0.01172	0.05000	0.00000			
460:	54	13	42	54	12	43	172013.66110	172013.66670	-0.00560	0.05000	0.00000			
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462:	45	8	37	45	7	38	172057.05090	172057.06045	-0.00955	0.05000	0.00000			
463:	33	13	21	33	12	22	172061.80850	172061.79758	0.01092	0.05000	0.00000			
464:	51	15	36	50	16	35	172111.56400	172111.53702	0.02698	0.05000	0.00000			
465:	24	10	15	23	10	14	172283.22780	172283.24123	-0.01343	0.05000	0.00000			
466:	24	10	14	23	10	13	172286.44230	172286.46672	-0.02442	0.05000	0.00000			
467:	23	5	19	22	4	18	172302.05060	172302.02872	0.02188	0.05000	0.00000			
468:	33	2	31	33	1	32	172569.84010	172569.80181	0.03829	0.05000	0.00000	172569.83719	0.00291	0.5000
469:	33	3	31	33	2	32	172569.84010	172569.87257	-0.03247	0.05000	0.00000	172569.83719	0.00291	0.5000
470:	32	13	19	32	12	20	172874.54990	172874.57330	-0.02340	0.05000	0.00000			
471:	52	12	41	52	11	42	172879.29940	172879.35036	-0.05096	0.05000	0.00000			
472:	32	13	20	32	12	21	172885.12040	172885.10413	0.01627	0.05000	0.00000			
473:	24	6	19	23	6	18	173214.15800	173214.12524	0.03276	0.05000	0.00000			
474:	57	16	41	57	15	42	173292.73660	173292.81082	-0.07422	0.05000	0.00000			
475:	44	14	30	44	13	31	173523.21460	173523.25053	-0.03593	0.05000	0.00000			
476:	31	13	18	31	12	19	173620.78120	173620.77733	0.00387	0.05000	0.00000			
477:	31	13	19	31	12	20	173625.74500	173625.75108	-0.00608	0.05000	0.00000			
478:	43	7	36	43	7	37	174257.36920	174257.40468	-0.03548	0.05000	0.00000			
479:	43	7	36	43	6	37	174285.87690	174285.89376	-0.01686	0.05000	0.00000			
480:	30	13	17	30	12	18	174288.38410	174288.37778	0.00632	0.05000	0.00000			
481:	30	13	18	30	12	19	174290.64790	174290.65309	-0.00519	0.05000	0.00000			
482:	43	8	36	43	7	37	174587.68920	174587.69704	-0.00784	0.05000	0.00000			
483:	29	13	16	29	12	17	174885.37360	174885.35191	0.02169	0.05000	0.00000			
484:	29	13	17	29	12	18	174886.35810	174886.35814	-0.00004	0.05000	0.00000			
485:	50	11	40	50	10	41	174981.54530	174981.57039	-0.02509	0.05000	0.00000			
486:	41	6	35	41	5	36	175340.51050	175340.49824	0.01226	0.05000	0.00000			
487:	48	9	39	48	8	40	175372.52480	175372.53522	-0.01042	0.05000	0.00000			
488:	28	13	16	28	12	17	175418.71560	175418.94493	-0.22933	0.05000	0.00000	175418.73032	-0.01472	0.5000
489:	28	13	15	28	12	16	175418.71560	175418.51571	0.19989	0.05000	0.00000	175418.73032	-0.01472	0.5000
490:	25	5	21	24	5	20	175564.92260	175564.90493	0.01767	0.05000	0.00000			
491:	43	14	29	43	13	30	175837.68090	175837.71189	-0.03099	0.05000	0.00000			
492:	26	4	23	25	4	22	175877.38690	175877.37321	0.01369	0.05000	0.00000			
493:	27	13	14	27	12	15	175893.93110	175893.82341	0.10769	0.05000	0.00000	175893.91148	0.01962	0.5000
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495:	26	3	23	25	3	22	175974.92810	175974.91117	0.01693	0.05000	0.00000			
496:	27	3	25	26	3	24	176005.74670	176005.74137	0.00533	0.05000	0.00000			
497:	27	2	25	26	2	24	176008.80970	176008.79438	0.01532	0.05000	0.00000			
498:	62	17	45	62	16	46	176027.18470	176027.30302	-0.11832	0.05000	0.00000			
499:	81	19	62	81	18	63	176072.17840	176072.18986	-0.01146	0.05000	0.00000			
500:	28	2	27	27	2	26	176231.59090	176231.56335	0.02755	0.05000	0.00000	176231.58720	0.00370	0.5000
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502:	26	13	14	26	12	15	176316.62100	176316.63417	-0.01317	0.05000	0.00000	176316.59951	0.02149	0.5000
503:	26	13	13	26	12	14	176316.62100	176316.56484	0.05616	0.05000	0.00000	176316.59951	0.02149	0.5000

504:	56	15	42	56	14	43	176357.44920	176357.49227	-0.04307	0.05000	0.00000	
505:	55	15	41	55	14	42	176430.50810	176430.54723	-0.03913	0.05000	0.00000	
506:	29	0	29	28	0	28	176503.25820	176503.24052	0.01768	0.05000	0.00000	
507:	25	13	12	25	12	13	176691.60190	176691.49884	0.10306	0.05000	0.00000	176691.51188
508:	25	13	13	25	12	14	176691.60190	176691.52492	0.07698	0.05000	0.00000	176691.51188
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511:	24	13	11	24	12	12	177022.98590	177022.94646	0.03944	0.05000	0.00000	177022.95113
512:	25	4	21	24	4	20	177043.33210	177043.32235	0.00975	0.05000	0.00000	
513:	25	23	2	24	23	1	177059.44070	177059.43449	0.00621	0.05000	0.00000	
514:	25	22	4	24	22	3	177121.52720	177121.55893	-0.03173	0.05000	0.00000	
515:	25	21	4	24	21	3	177191.16870	177191.20215	-0.03345	0.05000	0.00000	
516:	25	20	5	24	20	4	177269.97940	177270.00343	-0.02403	0.05000	0.00000	
517:	23	13	11	23	12	12	177314.89380	177314.86178	0.03202	0.05000	0.00000	
518:	48	10	39	48	9	40	177347.43280	177347.42552	0.00728	0.05000	0.00000	
519:	25	19	6	24	19	5	177360.02890	177360.05467	-0.02577	0.05000	0.00000	
520:	67	18	49	67	17	50	177375.19930	177375.14617	0.05313	0.05000	0.00000	
521:	25	18	7	24	18	6	177464.04180	177464.06152	-0.01972	0.05000	0.00000	
522:	54	11	43	54	11	44	177542.52210	177542.52302	-0.00092	0.05000	0.00000	
523:	22	13	10	22	12	11	177570.90040	177570.86805	0.03235	0.05000	0.00000	
524:	25	17	8	24	17	7	177585.55220	177585.57724	-0.02504	0.05000	0.00000	
525:	72	19	53	72	18	54	177612.54930	177612.51370	0.03560	0.05000	0.00000	
526:	51	10	41	51	9	42	177655.56520	177655.57877	-0.01357	0.05000	0.00000	
527:	25	16	9	24	16	8	177729.34890	177729.35073	-0.00183	0.05000	0.00000	
528:	74	17	57	74	16	58	177759.84470	177759.86626	-0.02156	0.05000	0.00000	
529:	21	13	9	21	12	10	177794.38080	177794.32410	0.05670	0.05000	0.00000	
530:	42	14	28	42	13	29	177809.36690	177809.37887	-0.01197	0.05000	0.00000	
531:	25	15	10	24	15	9	177901.84910	177901.85991	-0.01081	0.05000	0.00000	
532:	20	13	8	20	12	9	177988.36620	177988.33282	0.03338	0.05000	0.00000	
533:	57	12	45	57	11	46	178036.36310	178036.36519	-0.00209	0.05000	0.00000	
534:	25	14	11	24	14	10	178112.16420	178112.15876	0.00544	0.05000	0.00000	
535:	53	15	39	53	14	40	178156.80020	178156.85129	-0.05109	0.05000	0.00000	
536:	58	15	44	58	14	45	178267.81630	178267.86711	-0.05081	0.05000	0.00000	
537:	25	13	12	24	13	11	178373.30280	178373.28361	0.01919	0.05000	0.00000	
538:	17	13	5	17	12	6	178421.54780	178421.48888	0.05892	0.05000	0.00000	
539:	16	13	4	16	12	5	178524.66250	178524.57668	0.08582	0.05000	0.00000	
540:	15	13	3	15	12	4	178610.82690	178610.75467	0.07223	0.05000	0.00000	
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542:	25	12	13	24	12	12	178704.71830	178704.73123	-0.01293	0.05000	0.00000	178704.72256
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544:	53	12	42	53	11	43	178807.94020	178807.97454	-0.03434	0.05000	0.00000	
545:	41	14	27	41	13	28	179514.46970	179514.50559	-0.01589	0.05000	0.00000	
546:	29	1	28	28	1	27	182215.38540	182215.37964	0.00576	0.05000	0.00000	0.01788 0.5000
547:	29	2	28	28	2	27	182215.38540	182215.35540	0.03000	0.05000	0.00000	0.01788 0.5000
548:	39	14	25	39	13	26	182331.10850	182331.08358	0.02492	0.05000	0.00000	
549:	49	9	40	49	8	41	182454.09230	182454.11628	-0.02398	0.05000	0.00000	
550:	30	0	30	29	0	29	182488.20650	182488.16948	0.03702	0.05000	0.00000	
551:	26	4	22	25	4	21	182648.55710	182648.55126	0.00584	0.05000	0.00000	
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553:	56 13 44 56 12 45	182667.69890	182667.73502	-0.03612	0.05000	0.00000	
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558:	78 18 60 78 17 61	183624.19320	183624.24334	-0.05014	0.05000	0.00000	
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560:	49 10 40 49 9 41	183715.16900	183715.19159	-0.02259	0.05000	0.00000	
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563:	26 23 3 25 23 2	184186.65950	184186.70088	-0.04138	0.05000	0.00000	
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575:	55 16 39 55 15 40	185014.76120	185014.81235	-0.05115	0.05000	0.00000	
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589:	60 16 45 60 15 46	186585.30660	186585.31177	-0.00517	0.05000	0.00000	
590:	48 15 34 48 14 35	186698.06310	186698.10799	-0.04489	0.05000	0.00000	
591:	45 7 38 45 7 39	186765.00020	186764.99496	0.00524	0.05000	0.00000	
592:	45 7 38 45 6 39	186774.31860	186774.27109	0.04751	0.05000	0.00000	
593:	59 16 44 59 15 45	186817.74670	186817.77483	-0.02813	0.05000	0.00000	
594:	45 8 38 45 7 39	186882.61780	186882.61919	-0.00139	0.05000	0.00000	
595:	61 15 47 61 14 48	186918.37650	186918.41124	-0.03474	0.05000	0.00000	
596:	61 16 46 61 15 47	187015.01350	187015.03442	-0.02092	0.05000	0.00000	
597:	50 14 36 49 15 35	187067.36050	187067.27124	0.08926	0.05000	0.00000	
598:	34 14 20 34 13 21	187159.42660	187159.40733	0.01927	0.05000	0.00000	
599:	26 10 17 25 10 16	187188.97810	187188.95900	0.01910	0.05000	0.00000	
600:	26 10 16 25 10 15	187203.89490	187203.89814	-0.00324	0.05000	0.00000	
601:	76 20 56 76 19 57	187225.97720	187225.93008	0.04712	0.05000	0.00000	

602:	71	19	52	71	18	53	187270.89750	187270.85072	0.04678	0.05000	0.00000	
603:	43	6	37	43	5	38	187422.65320	187422.65529	-0.00209	0.05000	0.00000	
604:	58	12	46	58	11	47	187504.98940	187504.97733	0.01207	0.05000	0.00000	
605:	58	16	43	58	15	44	187612.02260	187612.12024	-0.09764	0.05000	0.00000	
606:	52	11	42	52	10	43	187693.16030	187693.19381	-0.03351	0.05000	0.00000	
607:	28	4	25	27	4	24	187821.47280	187821.44691	0.02589	0.05000	0.00000	
608:	28	3	25	27	3	24	187853.95490	187853.92523	0.02967	0.05000	0.00000	
609:	33	14	19	33	13	20	187860.91770	187860.88939	0.02831	0.05000	0.00000	
610:	29	2	27	28	3	26	187962.34550	187962.32383	0.02167	0.05000	0.00000	
611:	29	3	27	28	3	26	187963.29890	187963.30411	-0.00521	0.05000	0.00000	
612:	29	2	27	28	2	26	187964.21120	187964.18158	0.02962	0.05000	0.00000	
613:	29	3	27	28	2	26	187965.20780	187965.16186	0.04594	0.05000	0.00000	
614:	16	6	11	15	5	10	188055.61320	188055.58290	0.03030	0.05000	0.00000	
615:	26	9	18	25	9	17	188075.07280	188075.02086	0.05194	0.05000	0.00000	
616:	30	1	29	29	1	28	188198.99630	188199.00202	-0.00572	0.05000	0.00000	188198.99588
617:	30	2	29	29	2	28	188198.99630	188198.98975	0.00655	0.05000	0.00000	188198.99588
618:	26	9	17	25	9	16	188252.12430	188252.13539	-0.01109	0.05000	0.00000	
619:	27	4	23	26	4	22	188347.78700	188347.81619	-0.02919	0.05000	0.00000	
620:	31	0	31	30	0	30	188472.80720	188472.81720	-0.01000	0.05000	0.00000	
621:	32	14	18	32	13	19	188494.23440	188494.20874	0.02566	0.05000	0.00000	
622:	57	13	45	57	12	46	188614.68420	188614.70556	-0.02136	0.05000	0.00000	
623:	48	12	37	47	13	34	188818.03870	188817.95572	0.08298	0.05000	0.00000	
624:	57	16	42	57	15	43	188855.51610	188855.54323	-0.02713	0.05000	0.00000	
625:	31	14	17	31	13	18	189065.55200	189065.41738	0.13462	0.05000	0.00000	189065.55940
626:	31	14	18	31	13	19	189065.55200	189065.70141	-0.14941	0.05000	0.00000	189065.55940
627:	50	9	41	50	8	42	189298.17640	189298.16708	0.00932	0.05000	0.00000	
628:	54	16	38	54	15	39	189455.24240	189455.30474	-0.06234	0.05000	0.00000	
629:	30	14	16	30	13	17	189579.93450	189579.87078	0.06372	0.05000	0.00000	189579.93044
630:	30	14	17	30	13	18	189579.93450	189579.99011	-0.05561	0.05000	0.00000	189579.93044
631:	36	3	34	36	2	35	189751.33950	189751.33298	0.00652	0.05000	0.00000	
632:	29	6	23	28	7	22	190001.08300	190001.07523	0.00777	0.05000	0.00000	
633:	29	14	15	29	13	16	190042.39140	190042.37110	0.02030	0.05000	0.00000	190042.39527
634:	29	14	16	29	13	17	190042.39140	190042.41943	-0.02803	0.05000	0.00000	190042.39527
635:	50	10	41	50	9	42	190092.83200	190092.80468	0.02732	0.05000	0.00000	
636:	63	16	48	63	15	49	190145.65580	190145.68829	-0.03249	0.05000	0.00000	
637:	46	15	32	46	14	33	190157.45770	190157.50855	-0.05085	0.05000	0.00000	
638:	60	17	43	60	16	44	190235.95140	190236.01994	-0.06854	0.05000	0.00000	
639:	56	16	41	56	15	42	190432.46160	190432.48806	-0.02646	0.05000	0.00000	
640:	28	14	15	28	13	16	190457.30450	190457.28641	0.01809	0.05000	0.00000	190457.27700
641:	28	14	14	28	13	15	190457.30450	190457.26759	0.03691	0.05000	0.00000	190457.27700
642:	44	12	33	44	10	34	190744.69090	190744.71514	-0.02424	0.05000	0.00000	
643:	27	14	13	27	13	14	190828.58440	190828.52942	0.05498	0.05000	0.00000	
644:	27	26	1	26	26	0	191131.38700	191131.38457	0.00243	0.05000	0.00000	
645:	75	17	58	75	16	59	191142.99760	191142.99993	-0.00233	0.05000	0.00000	
646:	26	14	12	26	13	13	191159.81860	191159.80055	0.01805	0.05000	0.00000	
647:	27	25	2	26	25	1	191188.09160	191188.12068	-0.02908	0.05000	0.00000	
648:	26	5	21	25	5	20	191189.27680	191189.25494	0.02186	0.05000	0.00000	
649:	50	12	39	49	13	36	191240.81210	191240.82507	-0.01297	0.05000	0.00000	
650:	27	24	3	26	24	2	191250.38210	191250.38956	-0.00746	0.05000	0.00000	

651:	62	15	48	62	14	49	191285.77900	191285.85514	-0.07614	0.05000	0.00000		
652:	27	23	4	26	23	3	191319.22500	191319.25758	-0.03258	0.05000	0.00000		
653:	45	15	30	45	14	31	191380.54420	191380.57418	-0.02998	0.05000	0.00000		
654:	38	3	35	38	2	36	191382.81750	191382.75432	0.06318	0.05000	0.00000	191382.79634	0.02116 0.5000
655:	38	4	35	38	3	36	191382.81750	191382.83837	-0.02087	0.05000	0.00000	191382.79634	0.02116 0.5000
656:	27	22	5	26	22	4	191395.98780	191396.04296	-0.05516	0.05000	0.00000		
657:	25	14	11	25	13	12	191454.48040	191454.44226	0.03814	0.05000	0.00000		
658:	27	21	6	26	21	5	191482.35900	191482.39167	-0.03267	0.05000	0.00000		
659:	27	20	7	26	20	6	191580.35090	191580.38162	-0.03072	0.05000	0.00000		
660:	48	8	40	48	8	41	191623.54020	191623.53402	0.00618	0.05000	0.00000		
661:	48	8	40	48	7	41	191647.00030	191647.02558	-0.02528	0.05000	0.00000		
662:	27	19	8	26	19	7	191692.61540	191692.66870	-0.05330	0.05000	0.00000		
663:	24	14	10	24	13	11	191715.63940	191715.56711	0.07229	0.05000	0.00000		
664:	45	15	31	45	14	32	191741.95680	191742.04887	-0.09207	0.05000	0.00000		
665:	14	7	8	13	6	7	191764.80380	191764.74501	0.05879	0.05000	0.00000		
666:	27	18	9	26	18	8	191822.66060	191822.69520	-0.03460	0.05000	0.00000		
667:	14	7	13	6	8		191825.38830	191825.34073	0.04757	0.05000	0.00000		
668:	48	9	40	48	8	41	191885.24960	191885.35595	-0.10635	0.05000	0.00000		
669:	48	9	40	48	7	41	191908.88060	191908.84751	0.03309	0.05000	0.00000		
670:	23	14	9	23	13	10	191946.08740	191946.06654	0.02086	0.05000	0.00000		
671:	27	17	10	26	17	9	191974.96590	191974.99426	-0.02836	0.05000	0.00000		
672:	55	12	44	55	10	45	192056.01630	192056.02439	-0.00809	0.05000	0.00000		
673:	16	6	10	15	5	11	192072.26860	192072.24721	0.02139	0.05000	0.00000		
674:	22	14	8	22	13	9	192148.63420	192148.63351	0.00069	0.05000	0.00000		
675:	27	16	11	26	16	10	192155.61460	192155.64686	-0.03226	0.05000	0.00000		
676:	55	16	40	55	15	41	192233.35970	192233.43287	-0.07317	0.05000	0.00000		
677:	12	8	5	11	7	4	192247.10220	192247.00834	0.09386	0.05000	0.00000	192247.09559	0.00661 0.5000
678:	12	8	4	11	7	5	192247.10220	192247.18285	-0.08065	0.05000	0.00000	192247.09559	0.00661 0.5000
679:	21	14	7	21	13	8	192325.80050	192325.78134	0.01916	0.05000	0.00000		
680:	27	15	12	26	15	11	192372.94780	192372.99020	-0.04240	0.05000	0.00000		
681:	53	10	43	53	10	44	192408.26960	192408.41117	-0.14157	0.05000	0.00000		
682:	10	9	2	9	8	1	192431.31770	192431.26944	0.04826	0.05000	0.00000		
683:	20	14	6	20	13	7	192479.89970	192479.85940	0.04030	0.05000	0.00000		
684:	19	14	5	19	13	6	192613.19350	192613.06616	0.12734	0.05000	0.00000	192613.27195	-0.07845 0.5000
685:	53	10	43	53	9	44	192613.19350	192613.47774	-0.28424	0.05000	0.00000	192613.27195	-0.07845 0.5000
686:	27	14	13	26	14	12	192638.75970	192638.76024	-0.00054	0.05000	0.00000		
687:	18	14	4	18	13	5	192727.48160	192727.46013	0.02147	0.05000	0.00000		
688:	17	6	12	16	5	11	192798.13250	192798.09498	0.03752	0.05000	0.00000		
689:	17	14	3	17	13	4	192825.00810	192824.96890	0.03920	0.05000	0.00000		
690:	16	14	2	16	13	3	192907.44980	192907.39666	0.05314	0.05000	0.00000		
691:	64	16	49	64	15	50	192911.15860	192911.18405	-0.02545	0.05000	0.00000		
692:	46	7	39	46	7	40	192919.52250	192919.50598	0.01652	0.05000	0.00000		
693:	46	7	39	46	6	40	192924.80450	192924.74829	0.05621	0.05000	0.00000		
694:	27	6	22	26	6	21	192932.49290	192932.46618	0.02672	0.05000	0.00000		
695:	27	13	15	26	13	14	192970.03150	192970.02669	0.00481	0.05000	0.00000		
696:	15	14	1	15	13	2	192976.47130	192976.43039	0.04091	0.05000	0.00000		
697:	46	8	39	46	7	40	192988.77230	192988.78788	-0.01558	0.05000	0.00000		
698:	46	8	39	46	6	40	192994.03270	192994.03019	0.00251	0.05000	0.00000		
699:	44	15	29	44	14	30	193012.54450	193012.54964	-0.00514	0.05000	0.00000		

700:	14	14	0	14	13	1	193033.70940	193033.64493	0.06447	0.05000	0.00000	
701:	28	4	24	27	5	23	193141.08180	193141.09842	-0.01662	0.05000	0.00000	
702:	53	16	37	53	15	38	193144.83460	193144.90010	-0.06550	0.05000	0.00000	
703:	44	15	30	44	14	31	193216.28630	193216.33359	-0.04729	0.05000	0.00000	
704:	42	6	37	42	5	38	193269.51220	193269.48428	0.02792	0.05000	0.00000	
705:	27	12	16	26	12	15	193392.68720	193392.66131	0.02589	0.05000	0.00000	193392.71705
706:	27	12	15	26	12	14	193392.68720	193392.77280	-0.08560	0.05000	0.00000	193392.71705
707:	44	7	38	44	6	39	193429.84270	193429.84850	-0.00580	0.05000	0.00000	
708:	44	7	38	44	5	39	193430.87150	193430.87431	-0.00281	0.05000	0.00000	
709:	34	8	26	33	9	25	193646.39910	193646.38002	0.01908	0.05000	0.00000	
710:	28	5	24	27	5	23	193731.45500	193731.44158	0.01342	0.05000	0.00000	
711:	29	4	26	28	4	25	193790.59140	193790.56282	0.02858	0.05000	0.00000	
712:	29	3	26	28	3	25	193808.97910	193808.97547	0.00363	0.05000	0.00000	
713:	27	11	17	26	11	16	193947.51180	193947.52325	-0.01145	0.05000	0.00000	
714:	27	11	16	26	11	15	193949.60410	193949.62043	-0.01633	0.05000	0.00000	
715:	65	18	47	65	17	48	194021.16420	194021.16672	-0.00252	0.05000	0.00000	
716:	28	4	24	27	4	23	194124.33700	194124.31190	0.02510	0.05000	0.00000	
717:	53	11	43	53	10	44	194147.92780	194147.96579	-0.03799	0.05000	0.00000	
718:	54	16	39	54	15	40	194161.55940	194161.60507	-0.04567	0.05000	0.00000	
719:	31	1	30	30	1	29	194182.44860	194182.44492	0.00368	0.05000	0.00000	
720:	65	14	51	65	13	52	194236.84740	194236.89877	-0.05137	0.05000	0.00000	
721:	32	0	32	31	0	31	194457.15840	194457.17275	-0.01435	0.05000	0.00000	
722:	43	15	28	43	14	29	194466.60430	194466.56487	0.03943	0.05000	0.00000	
723:	62	13	49	62	13	50	194512.99420	194512.92234	0.07186	0.05000	0.00000	
724:	48	13	35	47	14	34	194530.03420	194529.95700	0.07720	0.05000	0.00000	
725:	43	15	29	43	14	30	194578.95520	194578.99566	-0.04046	0.05000	0.00000	
726:	56	11	45	56	11	46	194595.14780	194595.13645	0.01135	0.05000	0.00000	
727:	27	10	18	26	10	17	194695.93960	194695.95946	-0.01986	0.05000	0.00000	
728:	28	5	24	27	4	23	194714.68360	194714.65506	0.02854	0.05000	0.00000	
729:	27	10	17	26	10	16	194726.31420	194726.30785	0.00635	0.05000	0.00000	
730:	58	13	46	58	12	47	194845.46440	194845.46927	-0.00487	0.05000	0.00000	
731:	56	11	45	56	10	46	195021.29430	195021.27654	0.01776	0.05000	0.00000	
732:	26	7	19	25	7	18	195037.28010	195037.27349	0.00661	0.05000	0.00000	
733:	38	11	28	38	9	29	195439.03250	195439.08889	-0.05639	0.05000	0.00000	
734:	59	12	47	59	12	48	195442.54090	195442.56732	-0.02642	0.05000	0.00000	
735:	37	2	35	37	1	36	195473.65060	195473.63364	0.01696	0.05000	0.00000	
736:	27	9	19	26	9	18	195670.30370	195670.29273	0.01097	0.05000	0.00000	
737:	55	14	42	55	12	43	195698.80140	195698.88305	-0.08165	0.05000	0.00000	
738:	59	17	42	59	16	43	195765.58400	195765.62700	-0.04300	0.05000	0.00000	
739:	42	15	27	42	14	28	195772.09070	195772.12174	-0.03104	0.05000	0.00000	
740:	42	15	28	42	14	29	195832.79180	195832.81285	-0.02105	0.05000	0.00000	
741:	51	9	42	51	9	43	195908.45440	195908.45877	-0.00437	0.05000	0.00000	
742:	51	9	42	51	8	43	195963.92160	195963.94361	-0.02201	0.05000	0.00000	
743:	27	9	18	26	9	17	195992.98240	195993.02520	-0.04280	0.05000	0.00000	
744:	27	7	21	26	7	20	196042.32260	196042.35473	-0.03213	0.05000	0.00000	
745:	62	13	49	62	12	50	196127.98020	196128.01326	-0.03306	0.05000	0.00000	
746:	53	16	38	53	15	39	196136.94950	196137.04065	-0.09115	0.05000	0.00000	
747:	60	14	47	60	12	48	196163.30530	196163.33259	-0.02729	0.05000	0.00000	
748:	58	13	46	58	11	47	196187.06310	196187.08615	-0.02305	0.05000	0.00000	

798:	47	8	40	47	7	41	199066.83230	199066.82062	0.01168	0.05000	0.00000	
799:	36	1	35	36	0	36	199118.69770	199118.73281	-0.03511	0.05000	0.00000	
800:	43	5	38	43	4	39	199135.77370	199135.77005	0.00365	0.05000	0.00000	
801:	43	6	38	43	5	39	199137.57250	199137.54118	0.03132	0.05000	0.00000	
802:	28	17	11	27	17	10	199185.56980	199185.56595	0.00385	0.05000	0.00000	
803:	28	6	23	27	6	22	199234.18420	199234.15597	0.02823	0.05000	0.00000	
804:	19	6	14	18	5	13	199275.59450	199275.48546	0.10904	0.05000	0.00000	
805:	13	8	6	12	7	5	199285.79440	199285.72623	0.06817	0.05000	0.00000	
806:	13	8	5	12	7	6	199286.41870	199286.38791	0.03079	0.05000	0.00000	
807:	29	4	25	28	5	24	199368.20530	199368.18041	0.02489	0.05000	0.00000	
808:	45	6	39	45	5	40	199380.66570	199380.66077	0.00493	0.05000	0.00000	
809:	28	16	12	27	16	11	199386.97040	199386.96998	0.00042	0.05000	0.00000	
810:	45	7	39	45	6	40	199389.35500	199389.37490	-0.01990	0.05000	0.00000	
811:	61	17	45	61	16	46	199475.41960	199475.42253	-0.00293	0.05000	0.00000	
812:	11	9	2	10	8	3	199508.46330	199508.42431	0.03899	0.05000	0.00000	
813:	28	15	13	27	15	12	199629.59970	199629.61653	-0.01683	0.05000	0.00000	
814:	54	10	44	54	9	45	199640.21640	199640.12847	0.08793	0.05000	0.00000	
815:	29	5	25	28	5	24	199717.62600	199717.64491	-0.01891	0.05000	0.00000	
816:	30	3	27	29	4	26	199746.96480	199746.94862	0.01618	0.05000	0.00000	
817:	30	4	27	29	4	26	199759.63390	199759.64017	-0.00627	0.05000	0.00000	
818:	30	3	27	29	3	26	199769.97870	199769.97394	0.00476	0.05000	0.00000	
819:	30	4	27	29	3	26	199782.73380	199782.66550	0.06830	0.05000	0.00000	
820:	38	15	23	38	14	24	199873.59090	199873.56057	0.03033	0.05000	0.00000	
821:	38	15	24	38	14	25	199877.65020	199877.66281	-0.01261	0.05000	0.00000	
822:	31	2	29	30	2	28	199922.08500	199922.26774	-0.18274	0.05000	0.00000	199922.14484
823:	31	3	29	30	3	28	199922.08500	199922.02194	0.06306	0.05000	0.00000	199922.14484
824:	28	14	14	27	14	13	199926.79580	199926.82194	-0.02614	0.05000	0.00000	
825:	29	4	25	28	4	24	199958.52820	199958.52357	0.00463	0.05000	0.00000	
826:	32	1	31	31	1	30	200165.67460	200165.68023	-0.00563	0.05000	0.00000	
827:	28	13	15	27	13	14	200298.05620	200298.08377	-0.02757	0.05000	0.00000	
828:	29	5	25	28	4	24	200308.00540	200307.98807	0.01733	0.05000	0.00000	
829:	58	17	41	58	16	42	200373.61980	200373.66235	-0.04255	0.05000	0.00000	
830:	33	0	33	32	0	32	200441.20570	200441.22542	-0.01972	0.05000	0.00000	
831:	54	11	44	54	10	45	200616.77180	200616.77297	-0.00117	0.05000	0.00000	
832:	37	15	22	37	14	23	200677.79280	200677.78569	0.00711	0.05000	0.00000	
833:	37	15	23	37	14	24	200679.75030	200679.75408	-0.00378	0.05000	0.00000	
834:	54	11	44	54	9	45	200740.34430	200740.32852	0.01578	0.05000	0.00000	
835:	66	16	51	66	15	52	200748.49320	200748.49830	-0.00510	0.05000	0.00000	
836:	28	12	16	27	12	15	200773.26520	200773.39147	-0.12627	0.05000	0.00000	0.00639 0.5000
837:	28	12	17	27	12	16	200773.26520	200773.12614	0.13906	0.05000	0.00000	200773.25881
838:	64	18	46	64	17	47	200780.28570	200780.31311	-0.02741	0.05000	0.00000	200773.25881
839:	20	6	15	19	5	14	200948.53520	200948.51247	0.02273	0.05000	0.00000	
840:	50	16	34	50	15	35	201141.34450	201141.37426	-0.02976	0.05000	0.00000	
841:	38	2	36	38	1	37	201193.82600	201193.81667	0.00933	0.05000	0.00000	
842:	60	17	44	60	16	45	201199.17860	201199.22797	-0.04937	0.05000	0.00000	
843:	59	13	47	59	12	48	201274.04900	201274.07983	-0.03083	0.05000	0.00000	
844:	28	11	18	27	11	17	201398.94460	201398.95033	-0.00573	0.05000	0.00000	
845:	28	11	17	27	11	16	201403.47280	201403.48702	-0.01422	0.05000	0.00000	
846:	36	15	21	36	14	22	201409.97160	201410.01215	-0.04055	0.05000	0.00000	

847:	36	15	22	36	14	23	201410.88310	201410.93214	-0.04904	0.05000	0.00000	
848:	40	10	30	39	11	29	201584.23610	201584.21097	0.02513	0.05000	0.00000	
849:	24	6	19	23	5	18	201690.37110	201690.31668	0.05442	0.05000	0.00000	
850:	21	6	16	20	5	15	201751.79930	201751.77577	0.02353	0.05000	0.00000	
851:	23	6	18	22	5	17	201804.91840	201804.88755	0.03085	0.05000	0.00000	
852:	50	16	35	50	15	36	201814.14290	201814.15614	-0.01324	0.05000	0.00000	
853:	64	15	50	64	14	51	201816.93810	201816.91635	0.02175	0.05000	0.00000	
854:	28	5	23	27	5	22	201906.92560	201906.90621	0.01939	0.05000	0.00000	
855:	25	6	20	24	5	19	201928.78720	201928.75744	0.02976	0.05000	0.00000	
856:	22	6	17	21	5	16	201936.07230	201936.11486	-0.04256	0.05000	0.00000	
857:	32	7	25	31	8	24	201938.28440	201938.26962	0.01478	0.05000	0.00000	
858:	29	5	24	28	6	23	201985.37640	201985.33760	0.03880	0.05000	0.00000	
859:	30	6	24	29	7	23	202093.58860	202093.57680	0.01180	0.05000	0.00000	
860:	28	10	19	27	10	18	202240.65300	202240.64893	0.00407	0.05000	0.00000	
861:	57	11	46	57	11	47	202286.44120	202286.53277	-0.09157	0.05000	0.00000	
862:	28	10	18	27	10	17	202300.16290	202300.14325	0.01965	0.05000	0.00000	
863:	54	14	41	54	12	42	202315.13630	202315.23644	-0.10014	0.05000	0.00000	
864:	52	9	43	52	9	44	202462.29210	202462.31225	-0.02015	0.05000	0.00000	
865:	52	9	43	52	8	44	202494.87560	202494.88871	-0.01311	0.05000	0.00000	
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867:	34	15	19	34	14	20	202682.44500	202682.36369	0.08131	0.05000	0.00000	-0.01106 0.5000
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869:	52	10	43	52	9	44	202799.79510	202799.79799	-0.00289	0.05000	0.00000	
870:	26	6	21	25	5	20	202818.16840	202818.15834	0.01006	0.05000	0.00000	
871:	52	10	43	52	8	44	202832.33650	202832.37446	-0.03796	0.05000	0.00000	
872:	40	4	37	40	3	38	202884.82220	202884.79525	0.02695	0.05000	0.00000	
873:	28	7	22	27	7	21	202969.23620	202969.21072	0.02548	0.05000	0.00000	
874:	49	16	33	49	15	34	203130.64590	203130.66450	-0.01860	0.05000	0.00000	
875:	59	17	43	59	16	44	203141.46580	203141.49097	-0.02517	0.05000	0.00000	
876:	51	13	39	50	14	36	203161.05690	203161.01992	0.03698	0.05000	0.00000	
877:	33	15	19	33	14	20	203232.83810	203232.84957	-0.01147	0.05000	0.00000	
878:	28	9	20	27	9	19	203288.39000	203288.36520	0.02480	0.05000	0.00000	
879:	83	19	64	83	18	65	203302.73230	203302.77491	-0.04261	0.05000	0.00000	
880:	49	16	34	49	15	35	203523.14080	203523.19114	-0.05034	0.05000	0.00000	
881:	32	15	18	32	14	19	203732.04180	203732.03296	0.00884	0.05000	0.00000	
882:	27	7	20	26	7	19	203739.39200	203739.40191	-0.00991	0.05000	0.00000	
883:	60	12	48	60	12	49	203975.05610	203975.05814	-0.00204	0.05000	0.00000	
884:	28	8	21	27	8	20	204008.77340	204008.75616	0.01724	0.05000	0.00000	
885:	43	11	32	42	12	31	204018.06880	204018.05773	0.01107	0.05000	0.00000	
886:	27	6	21	26	6	20	204023.29070	204023.29080	-0.00010	0.05000	0.00000	
887:	42	4	38	42	3	39	204163.02860	204162.89286	0.13574	0.05000	0.00000	204162.97556
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890:	50	8	42	50	8	43	204200.46330	204200.48699	-0.02369	0.05000	0.00000	
891:	50	8	42	50	7	43	204208.23960	204208.23880	0.00080	0.05000	0.00000	
892:	57	17	40	57	16	41	204222.11250	204222.19525	-0.08275	0.05000	0.00000	
893:	50	9	42	50	8	43	204294.32750	204294.30349	0.02401	0.05000	0.00000	
894:	76	17	59	76	16	60	204296.33930	204296.33186	0.00744	0.05000	0.00000	
895:	50	9	42	50	7	43	204302.02780	204302.05530	-0.02750	0.05000	0.00000	

896:	69	19	50	69	18	51	204375.09680	204375.16776	-0.07096	0.05000	0.00000
897:	57	12	46	57	11	47	204388.93990	204388.97126	-0.03136	0.05000	0.00000
898:	60	12	48	60	11	49	204504.04950	204504.07449	-0.02499	0.05000	0.00000
899:	66	14	52	66	13	53	204517.83200	204517.86766	-0.03566	0.05000	0.00000
900:	62	14	49	62	13	50	204535.06210	204535.05948	0.00262	0.05000	0.00000
901:	27	6	22	26	5	21	204561.41820	204561.36959	0.04861	0.05000	0.00000
902:	30	15	16	30	14	17	204592.59400	204592.57352	0.02048	0.05000	0.00000
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904:	37	1	36	37	0	37	204822.52460	204822.50528	0.01932	0.05000	0.00000
905:	48	16	32	48	15	33	204894.76790	204894.82705	-0.05915	0.05000	0.00000
906:	29	15	15	29	14	16	204960.92570	204960.94121	-0.01551	0.05000	0.00000
907:	44	5	39	44	4	40	204991.87620	204991.89941	-0.02321	0.05000	0.00000
908:	44	6	39	44	5	40	204992.90930	204992.87639	0.03291	0.05000	0.00000
909:	48	7	41	48	7	42	205094.28140	205094.31158	-0.03018	0.05000	0.00000
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912:	48	16	33	48	15	34	205119.30130	205119.30842	-0.00712	0.05000	0.00000
913:	58	17	42	58	16	43	205205.93710	205205.96675	-0.02965	0.05000	0.00000
914:	29	28	1	28	28	0	205252.50080	205252.53062	-0.02982	0.05000	0.00000
915:	63	13	50	63	12	51	205260.70250	205260.75274	-0.05024	0.05000	0.00000
916:	28	15	13	28	14	14	205292.26170	205292.27883	-0.01713	0.05000	0.00000
917:	29	27	2	28	27	1	205310.32620	205310.33140	-0.00520	0.05000	0.00000
918:	46	7	40	46	6	41	205329.45240	205329.49905	-0.04665	0.05000	0.00000
919:	29	26	3	28	26	2	205373.06580	205373.09483	-0.02903	0.05000	0.00000
920:	29	6	24	28	6	23	205430.72010	205430.71365	0.00645	0.05000	0.00000
921:	30	4	26	29	5	25	205484.24460	205484.21090	0.03370	0.05000	0.00000
922:	29	24	5	28	24	4	205517.26410	205517.26259	0.00151	0.05000	0.00000
923:	29	23	6	28	23	5	205601.06390	205601.07622	-0.01232	0.05000	0.00000
924:	54	15	39	53	16	38	205656.40740	205656.33162	0.07578	0.05000	0.00000
925:	16	7	9	15	6	10	205665.59630	205665.63238	-0.03608	0.05000	0.00000
926:	30	5	26	29	5	25	205688.57640	205688.51786	0.05854	0.05000	0.00000
927:	29	22	7	28	22	6	205694.79870	205694.79409	0.00461	0.05000	0.00000
928:	31	3	28	30	4	27	205722.29560	205722.33567	-0.04007	0.05000	0.00000
929:	31	4	28	30	4	27	205729.27370	205729.27998	-0.00628	0.05000	0.00000
930:	31	3	28	30	3	27	205735.07590	205735.02723	0.04867	0.05000	0.00000
931:	31	4	28	30	3	27	205741.92630	205741.97153	-0.04523	0.05000	0.00000
932:	29	21	8	28	21	7	205800.44250	205800.46906	-0.02656	0.05000	0.00000
933:	30	4	26	29	4	25	205833.66960	205833.67541	-0.00581	0.05000	0.00000
934:	26	15	11	26	14	12	205855.28110	205855.25427	0.02883	0.05000	0.00000
935:	32	3	30	31	3	29	205901.76090	205901.67157	0.08933	0.05000	0.00000
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937:	29	20	9	28	20	8	205920.63180	205920.69689	-0.06509	0.05000	0.00000
938:	30	5	26	29	4	25	206038.01920	206037.98236	0.03684	0.05000	0.00000
939:	29	19	10	28	19	9	206058.79790	206058.80209	-0.00419	0.05000	0.00000
940:	25	15	10	25	14	11	206092.15880	206092.10925	0.04955	0.05000	0.00000
941:	33	1	32	32	1	31	206148.66790	206148.68350	-0.01560	0.05000	0.00000
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943:	24	15	9	24	14	10	206302.43970	206302.40810	0.03160	0.05000	0.00000
944:	14	8	6	13	7	7	206303.50530	206303.44416	0.06114	0.05000	0.00000
										205901.73607	0.02483 0.5000
										205901.73607	0.02483 0.5000

945:	29	17	12	28	17	11	206407.31210	206407.31497	-0.00287	0.05000	0.00000	
946:	34	0	34	33	0	33	206424.95970	206424.96468	-0.00498	0.05000	0.00000	
947:	55	10	45	55	9	46	206460.90350	206460.94127	-0.03777	0.05000	0.00000	
948:	23	15	8	23	14	9	206488.34920	206488.36268	-0.01348	0.05000	0.00000	
949:	12	9	3	11	8	4	206579.55940	206579.51062	0.04878	0.05000	0.00000	
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951:	29	16	13	28	16	12	206631.08010	206631.12719	-0.04709	0.05000	0.00000	
952:	22	15	7	22	14	8	206652.14920	206652.04992	0.09928	0.05000	0.00000	
953:	10	10	1	9	9	0	206733.10140	206733.06446	0.03694	0.05000	0.00000	
954:	21	15	6	21	14	7	206795.41320	206795.42214	-0.00894	0.05000	0.00000	
955:	29	15	14	28	15	13	206901.11850	206901.16044	-0.04194	0.05000	0.00000	
956:	39	2	37	39	1	38	206912.01890	206912.01843	0.00047	0.05000	0.00000	
957:	20	15	5	20	14	6	206920.36070	206920.31566	0.04504	0.05000	0.00000	
958:	69	18	52	69	17	53	206924.83940	206924.89163	-0.05223	0.05000	0.00000	
959:	19	15	4	19	14	5	207028.50300	207028.45821	0.04479	0.05000	0.00000	
960:	55	11	45	55	10	46	207075.22010	207075.23879	-0.01869	0.05000	0.00000	
961:	18	15	3	18	14	4	207121.55920	207121.47507	0.08413	0.05000	0.00000	
962:	79	21	58	79	20	59	207172.12600	207172.03582	0.09018	0.05000	0.00000	
963:	17	15	2	17	14	3	207200.92870	207200.89422	0.03448	0.05000	0.00000	
964:	28	6	23	27	5	22	207225.83160	207225.81908	0.01252	0.05000	0.00000	
965:	29	14	16	28	14	15	207232.48490	207232.49868	-0.01378	0.05000	0.00000	207232.49930
966:	29	14	15	28	14	14	207232.48490	207232.49993	-0.01503	0.05000	0.00000	207232.49930
967:	16	15	1	16	14	2	207268.22610	207268.15068	0.07542	0.05000	0.00000	
968:	29	5	24	28	5	23	207304.27050	207304.25047	0.02003	0.05000	0.00000	
969:	57	17	41	57	16	42	207313.40850	207313.42551	-0.01701	0.05000	0.00000	
970:	67	18	50	67	17	51	207368.96860	207368.96098	0.00762	0.05000	0.00000	
971:	28	8	20	27	8	19	207404.41470	207404.38404	0.03066	0.05000	0.00000	
972:	56	17	39	56	16	40	207468.11430	207468.16193	-0.04763	0.05000	0.00000	
973:	29	13	16	28	13	15	207647.42460	207647.39642	0.02818	0.05000	0.00000	
974:	60	13	48	60	12	49	207828.22750	207828.25477	-0.02727	0.05000	0.00000	
975:	46	16	30	46	15	31	207901.75530	207901.75420	0.00110	0.05000	0.00000	
976:	46	16	31	46	15	32	207970.84790	207970.90379	-0.05589	0.05000	0.00000	
977:	53	14	40	52	15	37	208117.20420	208117.11668	0.08752	0.05000	0.00000	
978:	29	12	18	28	12	17	208179.98320	208179.95244	0.03076	0.05000	0.00000	
979:	29	12	17	28	12	16	208180.50200	208180.56022	-0.05822	0.05000	0.00000	
980:	41	4	38	41	3	39	208629.65450	208629.64422	0.01028	0.05000	0.00000	
981:	29	11	19	28	11	18	208883.74380	208883.72871	0.01509	0.05000	0.00000	
982:	29	11	18	28	11	17	208893.20400	208893.20145	0.00255	0.05000	0.00000	
983:	53	9	44	53	8	45	208922.30420	208922.27469	0.02951	0.05000	0.00000	
984:	53	10	44	53	9	45	209108.33310	209108.34460	-0.01150	0.05000	0.00000	
985:	45	16	29	45	15	30	209196.82250	209196.85648	-0.03398	0.05000	0.00000	
986:	45	16	30	45	15	31	209234.03730	209234.09038	-0.05308	0.05000	0.00000	
987:	30	5	25	29	6	24	209362.24070	209362.24196	-0.00126	0.05000	0.00000	
988:	56	17	40	56	16	41	209402.77020	209402.81303	-0.04283	0.05000	0.00000	
989:	71	18	54	71	17	55	209446.57630	209446.60226	-0.02596	0.05000	0.00000	
990:	73	16	57	73	15	58	209485.52900	209485.54923	-0.02023	0.05000	0.00000	
991:	49	13	36	48	14	35	209583.02330	209582.97224	0.05106	0.05000	0.00000	
992:	58	11	47	58	11	48	209606.21240	209606.23144	-0.01904	0.05000	0.00000	
993:	29	7	23	28	7	22	209735.90660	209735.91172	-0.00512	0.05000	0.00000	

994:	58	11	47	58	10	48	209765.32200	209765.32541	-0.00341	0.05000	0.00000	
995:	29	10	20	28	10	19	209822.91930	209822.87593	0.04337	0.05000	0.00000	
996:	29	10	19	28	10	18	209935.57680	209935.59726	-0.02046	0.05000	0.00000	
997:	43	4	39	43	3	40	209948.81750	209948.74723	0.07027	0.05000	0.00000	209948.79146
998:	43	5	39	43	4	40	209948.81750	209948.83569	-0.01819	0.05000	0.00000	209948.79146
999:	65	18	48	65	17	49	210023.96570	210023.97023	-0.00453	0.05000	0.00000	
1000:	55	17	38	55	16	39	210244.09620	210244.09824	-0.00204	0.05000	0.00000	
1001:	44	16	28	44	15	29	210377.24730	210377.26002	-0.01272	0.05000	0.00000	
1002:	44	16	29	44	15	30	210396.87090	210396.89922	-0.02832	0.05000	0.00000	
1003:	51	8	43	51	7	44	210399.15630	210399.13484	0.02146	0.05000	0.00000	
1004:	28	6	22	27	6	21	210411.13940	210411.12181	0.01759	0.05000	0.00000	
1005:	51	9	43	51	8	44	210450.19590	210450.20717	-0.01127	0.05000	0.00000	
1006:	38	1	37	38	0	38	210525.52510	210525.44835	0.07675	0.05000	0.00000	
1007:	29	6	24	28	5	23	210749.62250	210749.62652	-0.00402	0.05000	0.00000	
1008:	45	5	40	45	4	41	210836.09700	210836.09488	0.00212	0.05000	0.00000	
1009:	45	6	40	45	5	41	210836.62300	210836.63100	-0.00800	0.05000	0.00000	
1010:	80	18	62	80	17	63	210893.49860	210893.55114	-0.05254	0.05000	0.00000	
1011:	29	9	21	28	9	20	210915.90610	210915.89233	0.01377	0.05000	0.00000	
1012:	58	12	47	58	11	48	210947.81910	210947.84833	-0.02923	0.05000	0.00000	
1013:	63	14	50	63	13	51	211017.86510	211017.86252	0.00258	0.05000	0.00000	
1014:	49	7	42	49	7	43	211129.82380	211129.83565	-0.01185	0.05000	0.00000	
1015:	49	7	42	49	6	43	211130.73730	211130.75031	-0.01301	0.05000	0.00000	
1016:	49	8	42	49	7	43	211143.33860	211143.37305	-0.03445	0.05000	0.00000	
1017:	68	16	53	68	15	54	211197.13420	211197.04634	0.08786	0.05000	0.00000	
1018:	62	18	44	62	17	45	211237.36130	211237.41145	-0.05015	0.05000	0.00000	
1019:	47	6	41	47	5	42	211248.98970	211249.07229	-0.08259	0.05000	0.00000	
1020:	47	7	41	47	6	42	211251.93250	211251.85122	0.08128	0.05000	0.00000	
1021:	68	19	49	68	18	50	211301.67800	211301.68876	-0.01076	0.05000	0.00000	
1022:	29	8	22	28	8	21	211393.81290	211393.80613	0.00677	0.05000	0.00000	
1023:	55	17	39	55	16	40	211430.25440	211430.32072	-0.06632	0.05000	0.00000	
1024:	43	16	27	43	15	28	211455.95160	211455.99910	-0.04750	0.05000	0.00000	
1025:	43	16	28	43	15	29	211466.11740	211466.14141	-0.02401	0.05000	0.00000	
1026:	31	4	27	30	5	26	211532.76610	211532.76992	-0.00382	0.05000	0.00000	
1027:	30	6	25	29	6	24	211543.93690	211543.95357	-0.01667	0.05000	0.00000	
1028:	31	5	27	30	5	26	211650.90510	211650.89356	0.01154	0.05000	0.00000	
1029:	32	3	29	31	4	28	211695.95810	211695.95661	0.00149	0.05000	0.00000	
1030:	32	4	29	31	4	28	211699.74870	211699.73068	0.01802	0.05000	0.00000	
1031:	32	3	29	31	3	28	211702.98790	211702.90091	0.08699	0.05000	0.00000	
1032:	32	4	29	31	3	28	211706.72250	211706.67498	0.04752	0.05000	0.00000	
1033:	31	4	27	30	4	26	211737.08280	211737.07688	0.00592	0.05000	0.00000	
1034:	17	7	11	16	6	10	211851.04570	211851.00542	0.04028	0.05000	0.00000	
1035:	31	5	27	30	4	26	211855.21020	211855.20051	0.00969	0.05000	0.00000	
1036:	33	2	31	32	2	30	211881.49620	211881.49158	0.00462	0.05000	0.00000	
1037:	64	18	47	64	17	48	211892.53500	211892.54147	-0.00647	0.05000	0.00000	
1038:	72	18	55	72	17	56	211944.34550	211944.33349	0.01201	0.05000	0.00000	
1039:	34	1	33	33	1	32	212131.48760	212131.43305	0.05455	0.05000	0.00000	
1040:	28	7	21	27	7	20	212180.58490	212180.53721	0.04769	0.05000	0.00000	
1041:	61	12	49	61	11	50	212267.92060	212267.92217	-0.00157	0.05000	0.00000	
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1043:	30	28	2	29	28	1	212368.80870	212368.83426	-0.02556	0.05000	0.00000
1044:	35	0	35	34	0	34	212408.39420	212408.38017	0.01403	0.05000	0.00000
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1046:	42	16	26	42	15	27	212443.43750	212443.49385	-0.05635	0.05000	0.00000
1047:	30	26	4	29	26	3	212500.57250	212500.61511	-0.04261	0.05000	0.00000
1048:	30	25	5	29	25	4	212575.78450	212575.78757	-0.00307	0.05000	0.00000
1049:	17	7	10	16	6	11	212579.47070	212579.45117	0.01953	0.05000	0.00000
1050:	40	2	38	40	1	39	212628.36760	212628.36594	0.00166	0.05000	0.00000
1051:	54	17	37	54	16	38	212653.79420	212653.87027	-0.07607	0.05000	0.00000
1052:	30	24	6	29	24	5	212658.62060	212658.67787	-0.05727	0.05000	0.00000
1053:	70	15	55	70	14	56	212678.99490	212679.02333	-0.02843	0.05000	0.00000
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1058:	30	21	9	29	21	8	212970.24710	212970.24590	0.00120	0.05000	0.00000
1059:	30	20	10	29	20	9	213102.80560	213102.82118	-0.01558	0.05000	0.00000
1060:	56	10	46	56	9	47	213125.51450	213125.52032	-0.00582	0.05000	0.00000
1061:	30	19	11	29	19	10	213255.26090	213255.28310	-0.02220	0.05000	0.00000
1062:	15	8	8	14	7	7	213286.09290	213286.07958	0.01332	0.05000	0.00000
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1066:	54	17	38	54	16	39	213367.01190	213367.08463	-0.07273	0.05000	0.00000
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1070:	13	9	4	12	8	5	213641.63160	213641.54864	0.08296	0.05000	0.00000
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1073:	30	16	14	29	16	13	213888.59030	213888.67986	0.01044	0.05000	0.00000
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1077:	40	16	24	40	15	25	214177.70230	214177.72672	-0.02442	0.05000	0.00000
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1079:	30	15	15	29	15	14	214188.28720	214188.31642	-0.02922	0.05000	0.00000
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1082:	30	14	16	29	14	15	214556.68740	214556.68730	0.00010	0.05000	0.00000
1083:	73	20	53	73	19	54	214725.18200	214725.07782	0.10418	0.05000	0.00000
1084:	53	17	36	53	16	37	214775.44750	214775.49872	-0.05122	0.05000	0.00000
1085:	39	16	23	39	15	24	214937.99210	214937.97212	0.01998	0.05000	0.00000
1086:	39	16	24	39	15	25	214938.52760	214938.54837	-0.02077	0.05000	0.00000
1087:	30	6	25	29	5	24	214989.34120	214989.32962	0.01158	0.05000	0.00000
1088:	30	13	17	29	13	16	215019.13280	215019.18762	-0.05482	0.05000	0.00000
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1091:	61	18	43	61	17	44	215233.77160	215233.80268	-0.03108	0.05000	0.00000

1092:	54	9	45	54	9	46	215257.43866	215257.46337	-0.02471	0.05000	0.00000	
1093:	73	18	56	73	17	57	215265.83870	215265.83085	0.00785	0.05000	0.00000	
1094:	54	9	45	54	8	46	215268.42710	215268.47065	-0.04355	0.05000	0.00000	
1095:	54	10	45	54	9	46	215381.10060	215381.01893	0.08167	0.05000	0.00000	
1096:	30	12	19	29	12	18	215614.83230	215614.81836	0.01394	0.05000	0.00000	
1097:	30	12	18	29	12	17	215616.17580	215616.16175	0.01405	0.05000	0.00000	
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1099:	38	16	23	38	15	24	215634.66000	215634.82735	-0.16735	0.05000	0.00000	215634.69495
1100:	44	4	40	44	4	41	215728.12071	215728.09344	0.02727	0.05000	0.00000	
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1102:	54	14	41	53	15	38	215747.80010	215747.79270	0.00740	0.05000	0.00000	
1103:	62	18	45	62	17	46	216170.95280	216171.01340	-0.06060	0.05000	0.00000	
1104:	33	7	26	32	8	25	216217.55610	216217.53665	0.01945	0.05000	0.00000	
1105:	29	8	21	28	8	20	216225.75850	216225.75266	0.00584	0.05000	0.00000	
1106:	39	1	38	39	0	39	216227.60210	216227.58811	0.01399	0.05000	0.00000	
1107:	31	5	26	30	6	25	216239.37140	216239.36188	0.00952	0.05000	0.00000	
1108:	37	16	21	37	15	22	216272.46640	216272.40765	0.05875	0.05000	0.00000	
1109:	29	6	23	28	6	22	216310.83840	216310.84186	-0.00346	0.05000	0.00000	
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1113:	52	8	44	52	8	45	216542.03005	216542.04818	-0.01813	0.05000	0.00000	
1114:	52	8	44	52	7	45	216544.55290	216544.54584	0.00706	0.05000	0.00000	
1115:	52	9	44	52	8	45	216574.66080	216574.62465	0.03615	0.05000	0.00000	
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1118:	59	11	48	59	11	49	216651.87650	216651.74093	-0.06443	0.05000	0.00000	
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1120:	46	5	41	46	5	42	216669.56455	216669.52176	0.04280	0.05000	0.00000	
1121:	46	5	41	46	4	42	216669.69820	216669.53542	0.16278	0.05000	0.00000	216669.68180
1122:	46	6	41	46	5	42	216669.69820	216669.82818	-0.12998	0.05000	0.00000	216669.68180
1123:	78	21	57	78	20	58	216673.09070	216672.87604	0.21466	0.05000	0.00000	
1124:	59	11	48	59	10	49	216747.76900	216747.78603	-0.01703	0.05000	0.00000	
1125:	77	17	60	77	16	61	216762.13298	216762.09924	0.03374	0.05000	0.00000	
1126:	73	19	55	73	18	56	216778.96300	216778.84624	0.11676	0.05000	0.00000	
1127:	72	19	54	72	18	55	216832.99010	216832.97923	0.01087	0.05000	0.00000	
1128:	36	16	20	36	15	21	216855.90950	216855.93307	-0.02357	0.05000	0.00000	
1129:	52	17	36	52	16	37	216909.85150	216909.91447	-0.06297	0.05000	0.00000	
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1131:	67	19	48	67	18	49	217146.74280	217146.80847	-0.06567	0.05000	0.00000	
1132:	48	6	42	48	5	43	217156.36650	217156.41782	-0.05132	0.05000	0.00000	
1133:	48	7	42	48	6	43	217157.98740	217157.97352	0.01388	0.05000	0.00000	
1134:	69	16	54	69	15	55	217160.80600	217160.72412	0.08188	0.05000	0.00000	
1135:	83	22	61	83	21	62	217178.18380	217177.91432	0.26948	0.05000	0.00000	
1136:	84	19	65	84	18	66	217266.79750	217266.75575	0.04175	0.05000	0.00000	
1137:	35	16	19	35	15	20	217389.17850	217389.16176	0.01674	0.05000	0.00000	
1138:	30	10	21	29	10	20	217440.58900	217440.57055	0.01845	0.05000	0.00000	
1139:	74	19	56	74	18	57	217475.06072	217475.12421	-0.06349	0.05000	0.00000	
1140:	59	12	48	59	11	49	217498.41170	217498.42775	-0.01605	0.05000	0.00000	

1141:	69	7	62	70	6	65	217532.47302	217532.74862	-0.27560	0.05000	0.00000	217532.74862	-0.27560	0.5000
1142:	69	7	62	70	5	65	217532.47302	217532.74862	-0.27560	0.05000	0.00000	217532.74862	-0.27560	0.5000
1143:	32	4	28	31	5	27	217541.40991	217541.62551	-0.21560	0.05000	0.00000			
1144:	71	19	53	71	18	54	217547.03329	217546.79223	0.24106	0.05000	0.00000			
1145:	17	6	12	17	2	15	217569.55889	217569.57789	-0.01900	0.05000	0.00000			
1146:	31	6	26	30	6	25	217594.75380	217594.74575	0.00805	0.05000	0.00000			
1147:	32	5	28	31	5	27	217609.25240	217609.24142	0.01098	0.05000	0.00000			
1148:	64	14	51	64	13	52	217641.12190	217641.14125	-0.01935	0.05000	0.00000			
1149:	30	10	20	29	10	19	217647.21280	217647.19398	0.01882	0.05000	0.00000			
1150:	32	4	28	31	4	27	217659.74690	217659.74914	-0.00224	0.05000	0.00000			
1151:	33	3	30	32	4	29	217669.02350	217669.00439	0.01911	0.05000	0.00000			
1152:	33	4	30	32	4	29	217671.03730	217671.04278	-0.00548	0.05000	0.00000			
1153:	33	3	30	32	3	29	217672.76700	217672.77846	-0.01146	0.05000	0.00000			
1154:	33	4	30	32	3	29	217674.79160	217674.81685	-0.02525	0.05000	0.00000			
1155:	32	5	28	31	4	27	217727.35310	217727.36505	-0.01195	0.05000	0.00000			
1156:	34	2	32	33	2	31	217861.21770	217861.25094	-0.03324	0.05000	0.00000			
1157:	34	16	18	34	15	19	217875.77190	217875.77506	-0.00316	0.05000	0.00000			
1158:	18	7	12	17	6	11	218082.71360	218082.72317	-0.00957	0.05000	0.00000			
1159:	35	1	34	34	1	33	218113.91900	218113.90929	0.00971	0.05000	0.00000			
1160:	33	16	17	33	15	18	218319.13520	218319.15994	-0.02474	0.05000	0.00000			
1161:	41	2	39	41	1	40	218342.98960	218342.97012	0.01948	0.05000	0.00000			
1162:	51	17	34	51	16	35	218368.05300	218368.08058	-0.02758	0.05000	0.00000			
1163:	36	0	36	35	1	35	218391.47791	218391.46161	0.01630	0.05000	0.00000			
1164:	36	0	36	35	0	35	218391.48410	218391.46161	0.02249	0.05000	0.00000			
1165:	61	18	44	61	17	45	218406.90130	218406.92366	-0.02236	0.05000	0.00000			
1166:	31	5	26	30	5	25	218421.07890	218421.07348	0.00542	0.05000	0.00000			
1167:	51	17	35	51	16	36	218506.49110	218506.53721	-0.04611	0.05000	0.00000			
1168:	60	18	42	60	17	43	218622.02450	218622.07282	-0.04832	0.05000	0.00000			
1169:	30	8	23	29	8	22	218663.12180	218663.10964	0.01216	0.05000	0.00000			
1170:	32	16	16	32	15	17	218722.47410	218722.44671	0.02739	0.05000	0.00000			
1171:	75	19	57	75	18	58	218985.79680	218985.69367	0.10313	0.05000	0.00000			
1172:	31	16	15	31	15	16	219088.54890	219088.53962	0.00928	0.05000	0.00000			
1173:	31	30	1	30	30	0	219366.29330	219366.43287	-0.13957	0.05000	0.00000			
1174:	74	18	57	74	17	58	219368.11780	219368.10280	0.01500	0.05000	0.00000			
1175:	30	16	14	30	15	15	219420.16530	219420.14227	0.02303	0.05000	0.00000			
1176:	31	29	2	30	29	1	219425.50490	219425.50999	-0.00509	0.05000	0.00000			
1177:	31	28	3	30	28	2	219489.06150	219489.06731	-0.00581	0.05000	0.00000			
1178:	29	7	22	28	7	21	220216.77636	220216.77454	0.00183	0.05000	0.00000			
1179:	67	15	53	67	14	54	220608.75900	220608.71409	0.04491	0.05000	0.00000			
1180:	74	16	58	74	15	59	220614.62800	220614.68570	-0.05770	0.05000	0.00000			
1181:	60	18	43	60	17	44	220620.86040	220620.90501	-0.04461	0.05000	0.00000			
1182:	25	16	9	25	15	10	220643.83980	220643.80364	0.03616	0.05000	0.00000			
1183:	31	18	13	30	18	12	220656.38990	220656.42987	-0.03997	0.05000	0.00000			
1184:	24	16	8	24	15	9	220816.35270	220816.31283	0.03987	0.05000	0.00000			
1185:	31	17	14	30	17	13	220886.21670	220886.22628	-0.00958	0.05000	0.00000			
1186:	23	16	7	23	15	8	220969.15290	220969.07444	0.07846	0.05000	0.00000			
1187:	22	16	6	22	15	7	221103.82350	221103.73622	0.08728	0.05000	0.00000			
1188:	31	16	15	30	16	14	221160.19140	221160.21134	-0.01994	0.05000	0.00000			
1189:	49	17	32	49	16	33	221318.97610	221318.94038	0.03572	0.05000	0.00000			

1190:	20	16	4	20	15	5	221324.92900	221324.90013	0.02887	0.05000	0.00000	
1191:	76	19	58	76	18	59	221341.66120	221341.68150	-0.02030	0.05000	0.00000	
1192:	19	16	3	19	15	4	221414.28100	221414.26125	0.01975	0.05000	0.00000	
1193:	31	15	17	30	15	16	221491.78519	221491.81365	-0.02847	0.05000	0.00000	
1194:	31	15	16	30	15	15	221491.83340	221491.81399	0.01941	0.05000	0.00000	
1195:	59	18	41	59	17	42	221534.89300	221534.92577	-0.03277	0.05000	0.00000	
1196:	55	9	46	55	8	47	221549.49110	221549.52266	-0.03156	0.05000	0.00000	
1197:	17	16	1	17	15	2	221557.14220	221557.09732	0.04488	0.05000	0.00000	
1198:	16	16	0	16	15	1	221613.02640	221612.97070	0.05570	0.05000	0.00000	
1199:	55	10	46	55	9	47	221617.04050	221617.04602	-0.00552	0.05000	0.00000	
1200:	31	14	17	30	14	16	221900.33770	221900.33633	0.00137	0.05000	0.00000	0.00557 0.5000
1201:	31	14	18	30	14	17	221900.33770	221900.32793	0.00977	0.05000	0.00000	0.00557 0.5000
1202:	66	19	47	66	18	48	222051.72940	222051.73577	-0.00637	0.05000	0.00000	
1203:	31	13	18	30	13	17	222414.72650	222414.78973	-0.06323	0.05000	0.00000	0.02332 0.5000
1204:	31	13	19	30	13	18	222414.72650	222414.61663	0.10987	0.05000	0.00000	0.02332 0.5000
1205:	32	6	26	31	7	25	222418.84840	222418.85390	-0.00550	0.05000	0.00000	
1206:	47	5	42	47	5	43	222493.28596	222493.21188	0.07408	0.05000	0.00000	
1207:	47	5	42	47	4	43	222493.29730	222493.21907	0.07823	0.05000	0.00000	
1208:	47	6	42	47	5	43	222493.29730	222493.37820	-0.08090	0.05000	0.00000	
1209:	68	19	50	68	18	51	222519.01720	222518.96202	0.05518	0.05000	0.00000	
1210:	71	15	56	71	14	57	222543.10360	222543.08851	0.01509	0.05000	0.00000	
1211:	48	17	31	48	16	32	222607.80810	222607.85435	-0.04625	0.05000	0.00000	
1212:	48	17	32	48	16	33	222630.52480	222630.58000	-0.05520	0.05000	0.00000	
1213:	44	11	33	43	12	32	222637.66340	222637.63119	0.03221	0.05000	0.00000	
1214:	53	8	45	53	7	46	222651.70390	222651.68722	0.01668	0.05000	0.00000	
1215:	53	9	45	53	8	46	222669.25080	222669.27757	-0.02677	0.05000	0.00000	
1216:	59	18	42	59	17	43	222769.75670	222769.78512	-0.02842	0.05000	0.00000	
1217:	32	5	27	31	6	26	222772.98660	222772.96090	0.02570	0.05000	0.00000	
1218:	31	7	25	30	7	24	222801.53560	222801.52068	0.01492	0.05000	0.00000	
1219:	68	14	54	68	13	55	222826.46410	222826.48505	-0.02095	0.05000	0.00000	
1220:	49	6	43	49	5	44	223048.36820	223048.41686	-0.04866	0.05000	0.00000	
1221:	49	7	43	49	6	44	223049.30330	223049.28313	0.02017	0.05000	0.00000	
1222:	31	12	20	30	12	19	223079.52770	223079.51863	0.00907	0.05000	0.00000	
1223:	31	12	19	30	12	18	223082.52240	223082.39018	0.13222	0.05000	0.00000	
1224:	51	8	44	51	7	45	223125.84210	223125.75471	0.08739	0.05000	0.00000	
1225:	60	11	49	60	11	50	223493.82680	223493.83673	-0.00993	0.05000	0.00000	
1226:	33	4	29	32	5	28	223527.98600	223527.95520	0.03080	0.05000	0.00000	
1227:	60	11	49	60	10	50	223551.38890	223551.39822	-0.00932	0.05000	0.00000	
1228:	33	5	29	32	5	28	223566.35360	223566.31043	0.04317	0.05000	0.00000	
1229:	33	4	29	32	4	28	223595.58020	223595.57111	0.00909	0.05000	0.00000	
1230:	32	6	27	31	6	26	223601.36370	223601.36177	0.00193	0.05000	0.00000	
1231:	33	5	29	32	4	28	223633.94660	223633.92634	0.02026	0.05000	0.00000	
1232:	34	3	31	33	4	30	223642.02990	223642.06895	-0.03905	0.05000	0.00000	
1233:	34	4	31	33	4	30	223643.15510	223643.16357	-0.00847	0.05000	0.00000	
1234:	34	3	31	33	3	30	223644.13130	223644.10734	0.02396	0.05000	0.00000	
1235:	34	4	31	33	3	30	223645.22350	223645.20197	0.02153	0.05000	0.00000	
1236:	47	17	31	47	16	32	223803.41230	223803.45005	-0.03775	0.05000	0.00000	
1237:	35	2	33	34	2	32	223840.97040	223841.00688	-0.03648	0.05000	0.00000	
1238:	19	7	13	18	6	12	223871.72940	223871.69218	0.03722	0.05000	0.00000	

1239:	31	11	21	30	11	20	223960.46650	223960.47749	-0.01099	0.05000	0.00000
1240:	31	11	20	30	11	19	223997.90060	223997.89595	0.00465	0.05000	0.00000
1241:	42	2	40	42	1	41	224055.95000	224055.92814	0.02186	0.05000	0.00000
1242:	58	18	40	58	17	41	224076.23670	224076.25201	-0.01531	0.05000	0.00000
1243:	36	1	35	35	1	34	224096.08370	224096.09426	-0.01056	0.05000	0.00000
1244:	32	5	27	31	5	26	224128.37570	224128.34477	0.03093	0.05000	0.00000
1245:	75	18	58	75	17	59	224179.66780	224179.61716	0.05064	0.05000	0.00000
1246:	65	14	52	65	13	53	224343.26760	224343.29514	-0.02754	0.05000	0.00000
1247:	47	12	35	46	13	34	224345.26390	224345.29472	-0.03082	0.05000	0.00000
1248:	37	0	37	36	1	36	224374.21490	224374.19885	0.01605	0.05000	0.00000
1249:	37	0	37	36	0	36	224374.21910	224374.19885	0.02025	0.05000	0.00000
1250:	67	19	49	67	18	50	224735.78650	224735.85956	-0.07306	0.05000	0.00000
1251:	58	18	41	58	17	42	224825.06650	224825.12337	-0.05687	0.05000	0.00000
1252:	46	17	29	46	16	30	224880.37990	224880.44850	-0.06860	0.05000	0.00000
1253:	46	17	30	46	16	31	224886.62790	224886.63754	-0.00964	0.05000	0.00000
1254:	32	6	27	31	5	26	224956.76900	224956.74564	0.02336	0.05000	0.00000
1255:	77	21	56	77	20	57	225072.44350	225072.29055	0.15295	0.05000	0.00000
1256:	31	10	22	30	10	21	225088.86190	225088.83799	0.02391	0.05000	0.00000
1257:	30	8	22	29	8	21	225147.09390	225147.05161	0.04229	0.05000	0.00000
1258:	31	10	21	30	10	20	225455.44090	225455.45919	-0.01829	0.05000	0.00000
1259:	31	8	24	30	8	23	225793.12630	225793.12320	0.00310	0.05000	0.00000
1260:	44	4	41	44	3	42	225843.26690	225843.24993	0.01697	0.05000	0.00000
1261:	45	17	28	45	16	29	225883.52130	225883.53662	-0.01532	0.05000	0.00000
1262:	45	17	29	45	16	30	225886.67290	225886.67069	0.00221	0.05000	0.00000
1263:	31	9	23	30	9	22	226119.95880	226119.93471	0.02409	0.05000	0.00000
1264:	65	19	46	65	18	47	226185.63670	226185.65977	-0.02307	0.05000	0.00000
1265:	50	13	37	49	14	36	226266.95860	226266.90275	0.05585	0.05000	0.00000
1266:	58	11	48	58	9	49	226279.16840	226279.14107	0.02733	0.05000	0.00000
1267:	57	18	39	57	17	40	226324.25000	226324.21221	0.03779	0.05000	0.00000
1268:	32	31	1	31	31	0	226420.46150	226420.50032	-0.03882	0.05000	0.00000
1269:	32	30	2	31	30	1	226480.25750	226480.28973	-0.03223	0.05000	0.00000
1270:	32	29	3	31	29	2	226544.33520	226544.34458	-0.00938	0.05000	0.00000
1271:	32	28	4	31	28	3	226613.32400	226613.36247	-0.03847	0.05000	0.00000
1272:	19	7	12	18	6	13	226664.57500	226664.50194	0.07306	0.05000	0.00000
1273:	32	27	5	31	27	4	226688.14660	226688.17428	-0.02768	0.05000	0.00000
1274:	32	26	6	31	26	5	226769.78130	226769.77626	0.00504	0.05000	0.00000
1275:	76	20	57	76	19	58	226792.09240	226792.06891	0.02349	0.05000	0.00000
1276:	44	17	27	44	16	28	226808.10260	226808.12092	-0.01832	0.05000	0.00000
1277:	44	17	28	44	16	29	226809.64650	226809.67524	-0.02874	0.05000	0.00000
1278:	63	12	51	63	11	52	226834.77550	226834.72676	0.04874	0.05000	0.00000
1279:	32	25	7	31	25	6	226859.33310	226859.37163	-0.03853	0.05000	0.00000
1280:	82	22	60	82	21	61	226873.19360	226872.89195	0.30165	0.05000	0.00000
1281:	32	24	8	31	24	7	226958.39000	226958.42520	-0.03520	0.05000	0.00000
1282:	32	24	9	31	24	8	226958.39914	226958.42520	-0.02606	0.05000	0.00000
1283:	56	14	43	55	15	40	226976.93180	226976.83592	0.09588	0.05000	0.00000
1284:	36	8	28	35	9	27	227044.08740	227044.07876	0.00864	0.05000	0.00000
1285:	66	19	48	66	18	49	227063.50820	227063.51252	-0.00432	0.05000	0.00000
1286:	32	23	9	31	23	8	227068.74530	227068.73579	0.00951	0.05000	0.00000
1287:	78	20	59	78	19	60	227106.12500	227106.07833	0.04667	0.05000	0.00000

1288:	31	6	25	30	6	24	227120.81700	227120.79194	0.02506	0.05000	0.00000	
1289:	17	8	9	16	7	10	227165.54180	227165.48669	0.05511	0.05000	0.00000	
1290:	32	22	10	31	22	9	227192.48780	227192.53372	-0.04592	0.05000	0.00000	
1291:	46	4	42	46	3	43	227269.38210	227269.37202	0.01008	0.05000	0.00000	
1292:	68	15	54	68	14	55	227297.04560	227297.05513	-0.00953	0.05000	0.00000	
1293:	32	21	11	31	21	10	227332.58040	227332.61418	-0.03378	0.05000	0.00000	
1294:	32	20	12	31	20	11	227492.48390	227492.52267	-0.03877	0.05000	0.00000	
1295:	41	1	40	41	0	41	227629.53860	227629.54240	-0.00380	0.05000	0.00000	
1296:	43	17	26	43	16	27	227660.50470	227660.56555	-0.06085	0.05000	0.00000	
1297:	43	17	27	43	16	28	227661.31390	227661.31997	-0.00607	0.05000	0.00000	
1298:	75	20	56	75	19	57	227667.34480	227667.28343	0.06137	0.05000	0.00000	
1299:	32	19	13	31	19	12	227676.78780	227676.81850	-0.03070	0.05000	0.00000	
1300:	15	9	7	14	8	6	227724.18090	227724.03593	0.14497	0.05000	0.00000	227724.13125
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1302:	63	13	51	63	12	52	227740.00870	227739.95862	0.05008	0.05000	0.00000	
1303:	30	7	23	29	7	22	227753.04090	227753.01024	0.03066	0.05000	0.00000	
1304:	56	9	47	56	9	48	227773.40650	227773.42917	-0.02267	0.05000	0.00000	
1305:	56	9	47	56	8	48	227777.05670	227777.06011	-0.00341	0.05000	0.00000	
1306:	71	20	51	71	19	52	227785.08540	227785.07388	0.11152	0.05000	0.00000	
1307:	56	10	47	56	9	48	227817.23420	227817.26473	-0.03053	0.05000	0.00000	
1308:	56	10	47	56	8	48	227820.92410	227820.89567	0.02843	0.05000	0.00000	
1309:	63	13	51	63	11	52	227862.44060	227862.44628	-0.00568	0.05000	0.00000	
1310:	32	18	14	31	18	13	227891.42460	227891.45786	-0.03326	0.05000	0.00000	
1311:	13	10	4	12	9	3	227963.98870	227963.78492	0.11378	0.05000	0.00000	
1312:	68	15	54	68	13	55	228079.96900	228079.97189	-0.00289	0.05000	0.00000	
1313:	11	11	1	10	10	0	228113.34870	228113.28449	0.06421	0.05000	0.00000	
1314:	32	17	15	31	17	14	228144.35080	228144.36710	-0.01630	0.05000	0.00000	
1315:	48	6	43	48	5	44	228308.06570	228308.08787	-0.02217	0.05000	0.00000	228308.04481
1316:	48	5	43	48	4	44	228308.06570	228308.00175	0.06395	0.05000	0.00000	228308.04481
1317:	56	18	38	56	17	39	228336.33610	228336.40311	-0.06701	0.05000	0.00000	
1318:	32	16	16	31	16	15	228446.35870	228446.33018	0.02852	0.05000	0.00000	
1319:	31	9	22	30	9	21	228551.77920	228551.77773	0.00147	0.05000	0.00000	
1320:	56	18	39	56	17	40	228597.46340	228597.48049	-0.01709	0.05000	0.00000	
1321:	54	8	46	54	7	47	228725.98380	228725.99195	-0.00815	0.05000	0.00000	
1322:	54	9	46	54	8	47	228736.18740	228736.21134	-0.02394	0.05000	0.00000	
1323:	32	15	17	31	15	16	228812.36790	228812.42309	-0.05519	0.05000	0.00000	
1324:	32	15	18	31	15	17	228812.38569	228812.42221	-0.03651	0.05000	0.00000	
1325:	50	6	44	50	5	45	228926.50700	228926.58096	-0.07396	0.05000	0.00000	
1326:	53	14	39	52	15	38	228956.66770	228956.61814	0.04956	0.05000	0.00000	
1327:	20	7	14	19	6	13	229023.09780	229023.04764	0.05016	0.05000	0.00000	
1328:	33	5	28	32	6	27	229079.44260	229079.43468	-0.00792	0.05000	0.00000	
1329:	52	7	45	52	6	46	229083.86110	229083.93026	-0.06916	0.05000	0.00000	
1330:	52	8	45	52	7	46	229086.29560	229086.27526	0.02034	0.05000	0.00000	
1331:	32	7	26	31	7	25	229125.72720	229125.70474	0.02246	0.05000	0.00000	
1332:	34	7	27	33	8	26	229159.52980	229159.49920	0.03060	0.05000	0.00000	
1333:	41	17	24	41	16	25	229170.83830	229170.75697	0.08133	0.05000	0.00000	229170.83999
1334:	41	17	25	41	16	26	229170.83830	229170.92302	-0.08472	0.05000	0.00000	-0.00169 0.5000
1335:	20	6	14	19	5	15	229201.87060	229201.80934	0.06126	0.05000	0.00000	-0.00169 0.5000
1336:	32	14	18	31	14	17	229264.45780	229264.46905	-0.01125	0.05000	0.00000	

1337:	66	13	53	66	12	54	229404.38100	229404.37537	0.00563	0.05000	0.00000	
1338:	65	19	47	65	18	48	229424.45490	229424.47624	-0.02134	0.05000	0.00000	
1339:	34	4	30	33	5	29	229502.12830	229502.09523	0.03307	0.05000	0.00000	
1340:	34	5	30	33	5	29	229523.63620	229523.67306	-0.03686	0.05000	0.00000	
1341:	34	4	30	33	4	29	229540.43710	229540.45046	-0.01336	0.05000	0.00000	
1342:	34	5	30	33	4	29	229562.07980	229562.02829	0.05151	0.05000	0.00000	
1343:	33	6	28	32	6	27	229578.59960	229578.62185	-0.02225	0.05000	0.00000	
1344:	64	19	45	64	18	46	229707.32830	229707.42804	-0.09974	0.05000	0.00000	
1345:	43	2	41	43	1	42	229767.33980	229767.32536	0.01444	0.05000	0.00000	
1346:	36	2	34	35	2	33	229820.68140	229820.70035	-0.01895	0.05000	0.00000	
1347:	36	3	34	35	2	33	229820.70601	229820.71015	-0.00414	0.05000	0.00000	
1348:	32	13	20	31	13	19	229835.52290	229835.28787	0.23503	0.05000	0.00000	229835.48278
1349:	32	13	19	31	13	18	229835.52290	229835.67769	-0.15479	0.05000	0.00000	0.04012 0.5000
1350:	40	17	23	40	16	24	229837.96630	229837.94336	0.02294	0.05000	0.00000	229835.48278
1351:	33	5	28	32	5	27	229907.83850	229907.83555	0.00295	0.05000	0.00000	
1352:	71	16	56	71	15	57	230054.80940	230054.82394	-0.01454	0.05000	0.00000	
1353:	37	1	36	36	1	35	230077.94510	230077.97132	-0.02622	0.05000	0.00000	
1354:	55	18	37	55	17	38	230154.94510	230154.96874	-0.02364	0.05000	0.00000	
1355:	61	11	50	61	11	51	230182.86280	230182.95385	-0.09105	0.05000	0.00000	
1356:	61	11	50	61	10	51	230217.23130	230217.21701	0.01429	0.05000	0.00000	
1357:	55	18	38	55	17	39	230305.08630	230305.13845	-0.05215	0.05000	0.00000	
1358:	38	0	38	37	0	37	230356.58840	230356.58181	0.00659	0.05000	0.00000	
1359:	38	0	38	37	1	37	230356.59684	230356.58181	0.01503	0.05000	0.00000	
1360:	33	6	28	32	5	27	230407.03440	230407.02272	0.01168	0.05000	0.00000	
1361:	39	17	22	39	16	23	230452.07990	230452.07064	0.00926	0.05000	0.00000	
1362:	61	12	50	61	11	51	230510.50470	230510.47896	0.02574	0.05000	0.00000	
1363:	61	12	50	61	10	51	230544.73320	230544.74212	-0.00892	0.05000	0.00000	
1364:	32	12	21	31	12	20	230575.92710	230575.93483	-0.00773	0.05000	0.00000	
1365:	32	12	20	31	12	19	230581.85920	230581.88172	-0.02252	0.05000	0.00000	
1366:	80	20	61	80	19	62	230667.76030	230667.68694	0.07336	0.05000	0.00000	
1367:	75	16	59	75	15	60	230861.35270	230861.37050	-0.01780	0.05000	0.00000	
1368:	33	6	27	32	7	26	230926.72240	230926.66486	0.05754	0.05000	0.00000	
1369:	73	20	54	73	19	55	230932.13000	230932.14907	-0.01907	0.05000	0.00000	
1370:	38	17	21	38	16	22	231016.84150	231016.84558	-0.00408	0.05000	0.00000	
1371:	66	14	53	66	13	54	231077.35520	231077.38788	-0.03268	0.05000	0.00000	
1372:	69	14	55	69	13	56	231094.46160	231094.36565	0.09595	0.05000	0.00000	
1373:	37	17	20	37	16	21	231535.69030	231535.67405	0.01625	0.05000	0.00000	
1374:	32	11	22	31	11	21	231554.86240	231554.85890	0.00350	0.05000	0.00000	
1375:	45	4	42	45	2	43	231574.93340	231574.93183	0.00157	0.05000	0.00000	
1376:	32	11	21	31	11	20	231625.85720	231625.84800	0.00920	0.05000	0.00000	
1377:	64	19	46	64	18	47	231759.37080	231759.40306	-0.03226	0.05000	0.00000	
1378:	54	18	36	54	17	37	231810.82890	231810.86148	-0.03258	0.05000	0.00000	
1379:	54	18	37	54	17	38	231895.73080	231895.75363	-0.02283	0.05000	0.00000	
1380:	36	17	19	36	16	20	232011.70340	232011.70009	0.00331	0.05000	0.00000	
1381:	35	17	18	35	16	19	232447.85350	232447.83773	0.01577	0.05000	0.00000	
1382:	59	10	49	59	9	50	232494.65270	232494.65487	-0.00217	0.05000	0.00000	
1383:	59	11	49	59	10	50	232581.89710	232581.89019	0.00691	0.05000	0.00000	
1384:	63	19	44	63	18	45	232749.62320	232749.65209	-0.02889	0.05000	0.00000	
1385:	32	10	23	31	10	22	232758.94970	232758.97822	-0.02852	0.05000	0.00000	

1386:	70	20	50	70	19	51	232820.96440	232820.99863	-0.03423	0.05000	0.00000	
1387:	34	17	17	34	16	18	232846.80240	232846.79735	0.00505	0.05000	0.00000	
1388:	33	17	16	33	16	17	233211.11050	233211.10774	0.00276	0.05000	0.00000	
1389:	79	19	61	79	18	62	233273.35670	233273.34331	0.01339	0.05000	0.00000	
1390:	53	18	35	53	17	36	233327.09600	233327.10416	-0.00816	0.05000	0.00000	
1391:	53	18	36	53	17	37	233374.28210	233374.26697	0.01513	0.05000	0.00000	
1392:	32	10	22	31	10	21	233388.56000	233388.58102	-0.02102	0.05000	0.00000	
1393:	33	32	1	32	32	0	233472.53590	233472.55585	-0.01995	0.05000	0.00000	
1394:	33	31	2	32	31	1	233533.08680	233533.10479	-0.01799	0.05000	0.00000	
1395:	32	17	15	32	16	16	233543.11470	233543.13491	-0.02021	0.05000	0.00000	
1396:	33	30	3	32	30	2	233597.70340	233597.71936	-0.01596	0.05000	0.00000	
1397:	33	29	4	32	29	3	233667.06020	233667.04670	0.01350	0.05000	0.00000	
1398:	33	27	6	32	27	5	233823.05150	233823.05104	0.00046	0.05000	0.00000	
1399:	33	17	14	31	16	15	233845.08220	233845.09799	-0.01579	0.05000	0.00000	
1400:	33	26	7	32	26	6	233911.71320	233911.73577	-0.02257	0.05000	0.00000	
1401:	57	10	48	57	9	49	233983.43200	233983.41995	0.01205	0.05000	0.00000	
1402:	33	25	8	32	25	7	234009.23590	234009.23014	0.00576	0.05000	0.00000	
1403:	63	19	45	63	18	46	234025.83340	234025.84718	-0.01378	0.05000	0.00000	
1404:	69	15	55	69	14	56	234075.95510	234075.94191	0.01319	0.05000	0.00000	
1405:	49	5	44	49	5	45	234114.69979	234114.62316	0.07663	0.05000	0.00000	234114.62415
1406:	49	5	44	49	4	45	234114.69979	234114.62513	0.07466	0.05000	0.00000	234114.62415
1407:	33	24	10	32	24	9	234117.12639	234117.14555	-0.01916	0.05000	0.00000	
1408:	33	24	9	32	24	8	234117.14470	234117.14555	-0.00085	0.05000	0.00000	
1409:	30	17	13	30	16	14	234119.12700	234119.08306	0.04394	0.05000	0.00000	
1410:	33	23	10	32	23	9	234237.41700	234237.46211	-0.04511	0.05000	0.00000	
1411:	29	17	12	29	16	13	234367.05880	234367.05486	0.00394	0.05000	0.00000	
1412:	33	21	12	32	21	11	234525.72830	234525.75262	-0.02432	0.05000	0.00000	
1413:	28	17	11	28	16	12	234590.96080	234590.86708	0.09372	0.05000	0.00000	
1414:	33	20	13	32	20	12	234700.70810	234700.72407	-0.01597	0.05000	0.00000	
1415:	52	18	34	52	17	35	234721.13750	234721.16476	-0.02726	0.05000	0.00000	
1416:	31	7	24	30	7	23	234736.42139	234736.44262	-0.02123	0.05000	0.00000	
1417:	52	18	35	52	17	36	234746.87270	234746.91093	-0.03823	0.05000	0.00000	
1418:	33	19	14	32	19	13	234902.56170	234902.59408	-0.03238	0.05000	0.00000	
1419:	26	17	9	26	16	10	234972.90890	234972.92372	-0.01482	0.05000	0.00000	
1420:	53	8	46	53	7	47	235028.60650	235028.64055	-0.03405	0.05000	0.00000	
1421:	25	17	8	25	16	9	235134.38730	235134.39359	-0.00629	0.05000	0.00000	
1422:	33	18	15	32	18	14	235137.93180	235137.96461	-0.03281	0.05000	0.00000	
1423:	24	17	7	24	16	8	235278.18570	235278.16708	0.01862	0.05000	0.00000	
1424:	23	17	6	23	16	7	235405.67900	235405.65314	0.02586	0.05000	0.00000	
1425:	33	17	16	32	17	15	235415.63850	235415.64653	-0.00803	0.05000	0.00000	
1426:	71	20	52	71	19	53	235434.62960	235434.56083	0.06877	0.05000	0.00000	
1427:	44	3	42	44	2	43	235477.24360	235477.23694	0.00666	0.05000	0.00000	
1428:	35	5	31	34	5	30	235482.15970	235482.14032	0.01938	0.05000	0.00000	
1429:	35	4	31	34	4	30	235491.66820	235491.67072	-0.00252	0.05000	0.00000	
1430:	22	17	5	22	16	6	235518.23120	235518.18754	0.04366	0.05000	0.00000	
1431:	36	4	33	35	4	32	235589.52840	235589.41249	0.11591	0.05000	0.00000	235589.54945
1432:	36	3	33	35	3	32	235589.52840	235589.68642	-0.15802	0.05000	0.00000	-0.02105 0.5000
1433:	21	17	4	21	16	5	235617.06850	235617.03655	0.03195	0.05000	0.00000	-0.02105 0.5000
1434:	20	17	3	20	16	4	235703.44160	235703.40004	0.04156	0.05000	0.00000	

1435:	33	16	17	32	16	16	235747.64780	235747.67369	-0.02589	0.05000	0.00000	235747.67365	-0.01151	0.5000
1436:	33	16	17	32	16	16	235747.66214	235747.67369	-0.01156	0.05000	0.00000	235747.67365	-0.01151	0.5000
1437:	33	16	18	32	16	17	235747.66214	235747.67361	-0.01147	0.05000	0.00000	235747.67365	-0.01151	0.5000
1438:	19	17	2	19	16	3	235778.45050	235778.41416	0.03634	0.05000	0.00000			
1439:	37	2	35	36	2	34	235800.30150	235800.28160	0.01990	0.05000	0.00000			
1440:	51	18	33	51	17	34	236006.58900	236006.63019	-0.04119	0.05000	0.00000			
1441:	51	18	34	51	17	35	236020.35450	236020.43732	-0.08282	0.05000	0.00000			
1442:	38	1	37	37	1	36	236059.54400	236059.52488	0.01912	0.05000	0.00000			
1443:	33	15	18	32	15	17	236150.93990	236150.96047	-0.02057	0.05000	0.00000			
1444:	33	15	19	32	15	18	236150.96380	236150.95819	0.00561	0.05000	0.00000			
1445:	62	19	44	62	18	45	236195.83430	236195.87590	-0.04160	0.05000	0.00000			
1446:	39	0	39	38	1	38	236338.62069	236338.60048	0.02021	0.05000	0.00000			
1447:	39	0	39	38	0	38	236338.62440	236338.60048	0.02392	0.05000	0.00000			
1448:	33	14	20	32	14	19	236650.14170	236650.14158	0.00012	0.05000	0.00000	236650.16588	-0.02418	0.5000
1449:	33	14	19	32	14	18	236650.14170	236650.19018	-0.04848	0.05000	0.00000	236650.16588	-0.02418	0.5000
1450:	62	11	51	62	10	52	236774.98180	236775.00541	-0.02361	0.05000	0.00000			
1451:	62	12	51	62	11	52	236955.83770	236955.81813	0.01957	0.05000	0.00000			
1452:	50	18	32	50	17	33	237194.32670	237194.36112	-0.03442	0.05000	0.00000			
1453:	50	18	33	50	17	34	237201.59720	237201.63281	-0.03561	0.05000	0.00000			
1454:	32	9	23	31	9	22	237265.24156	237265.22553	0.01603	0.05000	0.00000			
1455:	33	13	21	32	13	20	237282.63390	237282.65919	-0.02529	0.05000	0.00000			
1456:	33	13	20	32	13	19	237283.49780	237283.50953	-0.01173	0.05000	0.00000			
1457:	61	19	42	61	18	43	237784.57840	237784.64209	-0.06369	0.05000	0.00000			
1458:	70	20	51	70	19	52	237889.33220	237889.33539	-0.00319	0.05000	0.00000			
1459:	33	12	22	32	12	21	238105.95410	238105.96574	-0.01164	0.05000	0.00000			
1460:	33	12	21	32	12	20	238117.88860	238117.91672	-0.02812	0.05000	0.00000			
1461:	61	19	43	61	18	44	238253.14670	238253.15964	-0.01294	0.05000	0.00000			
1462:	49	18	31	49	17	32	238293.24720	238293.27812	-0.03092	0.05000	0.00000			
1463:	49	18	32	49	17	33	238296.99430	238297.03770	-0.04340	0.05000	0.00000			
1464:	34	6	28	33	7	27	238621.32480	238621.31969	0.00511	0.05000	0.00000			
1465:	80	19	62	80	18	63	238651.86060	238651.76644	0.09416	0.05000	0.00000			
1466:	56	15	42	56	13	43	238711.14880	238711.30331	-0.15451	0.05000	0.00000			
1467:	60	11	50	60	10	51	238859.80360	238859.78089	0.02271	0.05000	0.00000			
1468:	70	14	56	70	13	57	238932.95190	238932.95819	-0.00629	0.05000	0.00000			
1469:	43	1	42	43	1	43	239028.57977	239028.50535	0.07441	0.05000	0.00000	239028.50535	0.07441	0.5000
1470:	43	1	42	43	0	43	239028.57977	239028.50535	0.07441	0.05000	0.00000	239028.50535	0.07441	0.5000
1471:	33	11	23	32	11	22	239186.51690	239186.53052	-0.01362	0.05000	0.00000			
1472:	48	18	30	48	17	31	239310.85640	239310.89355	-0.03715	0.05000	0.00000			
1473:	48	18	31	48	17	32	239312.80060	239312.80083	-0.00023	0.05000	0.00000			
1474:	33	11	22	32	11	21	239317.26500	239317.26935	-0.00435	0.05000	0.00000			
1475:	58	9	49	58	8	50	240103.72900	240103.73657	-0.00757	0.05000	0.00000			
1476:	58	10	49	58	9	50	240117.67220	240117.69710	-0.02490	0.05000	0.00000			
1477:	60	19	42	60	18	43	240190.07050	240190.06228	0.00822	0.05000	0.00000			
1478:	47	18	29	47	17	30	240253.65690	240253.67157	-0.01467	0.05000	0.00000			
1479:	47	18	30	47	17	31	240254.61370	240254.62048	-0.00678	0.05000	0.00000			
1480:	76	16	60	76	15	61	240324.29170	240324.40134	-0.10964	0.05000	0.00000			
1481:	33	10	24	32	10	23	240437.64260	240437.62452	0.01808	0.05000	0.00000			
1482:	34	32	2	33	32	1	240583.86970	240583.88650	-0.01680	0.05000	0.00000			
1483:	52	7	46	52	6	47	240646.37010	240646.48297	-0.11287	0.05000	0.00000	240646.41033	-0.04023	0.5000

1484:	52	6	46	52	5	47	240646.37010	240646.33769	0.03241	0.05000	0.00000	240646.41033	-0.04023	0.5000
1485:	34	30	4	33	30	3	240718.83230	240718.83464	-0.00234	0.05000	0.00000			
1486:	68	20	48	68	19	49	240729.84250	240729.83596	0.00654	0.05000	0.00000			
1487:	34	28	6	33	28	5	240874.62550	240874.67269	-0.04719	0.05000	0.00000			
1488:	70	15	56	70	14	57	240894.44700	240894.54098	-0.09398	0.05000	0.00000			
1489:	54	8	47	54	7	48	240954.38740	240954.38648	0.00092	0.05000	0.00000			
1490:	34	27	7	33	27	6	240962.60250	240962.63580	-0.03330	0.05000	0.00000			
1491:	34	26	8	33	26	7	241058.77690	241058.82872	-0.05182	0.05000	0.00000			
1492:	32	7	25	31	7	24	241154.31885	241154.29406	0.02479	0.05000	0.00000			
1493:	34	25	9	33	25	8	241164.69360	241164.70249	-0.00889	0.05000	0.00000			
1494:	45	3	43	45	2	44	241185.70500	241185.72903	-0.02403	0.05000	0.00000			
1495:	34	24	11	33	24	10	241282.00004	241282.02555	-0.02550	0.05000	0.00000			
1496:	34	24	10	33	24	9	241282.01300	241282.02555	-0.01255	0.05000	0.00000			
1497:	34	23	11	33	23	10	241412.92720	241412.97251	-0.04531	0.05000	0.00000			
1498:	36	5	32	35	5	31	241442.03360	241442.05570	-0.02210	0.05000	0.00000			
1499:	36	4	32	35	4	31	241447.41640	241447.42366	-0.00726	0.05000	0.00000			
1500:	33	10	23	32	10	22	241483.14300	241483.12450	0.01850	0.05000	0.00000			
1501:	35	6	30	34	6	29	241486.77540	241486.77049	0.00491	0.05000	0.00000			
1502:	34	22	13	33	22	12	241560.20600	241560.24428	-0.03828	0.05000	0.00000			
1503:	37	3	34	36	3	33	241563.39550	241563.45185	-0.05635	0.05000	0.00000	241563.37867	0.01683	0.5000
1504:	37	4	34	36	4	33	241563.39550	241563.30549	0.09001	0.05000	0.00000	241563.37867	0.01683	0.5000
1505:	34	21	13	33	21	12	241727.20020	241727.23294	-0.03274	0.05000	0.00000			
1506:	38	2	36	37	2	35	241779.70800	241779.70791	0.00009	0.05000	0.00000			
1507:	59	19	40	59	18	41	241844.06710	241844.14353	-0.07643	0.05000	0.00000			
1508:	78	18	61	78	17	62	241893.50810	241893.50813	-0.00003	0.05000	0.00000			
1509:	34	20	14	33	20	13	241918.21720	241918.25279	-0.03559	0.05000	0.00000			
1510:	45	18	27	45	17	28	241936.79030	241936.72971	0.06059	0.05000	0.00000	241936.84020	-0.04990	0.5000
1511:	45	18	28	45	17	29	241936.79030	241936.95069	-0.16039	0.05000	0.00000	241936.84020	-0.04990	0.5000
1512:	59	19	41	59	18	42	242005.05100	242005.06103	-0.01003	0.05000	0.00000			
1513:	39	1	38	38	1	37	242040.70180	242040.74024	-0.03844	0.05000	0.00000			
1514:	34	19	15	33	19	14	242138.79690	242138.87102	-0.07412	0.05000	0.00000			
1515:	40	0	40	39	0	39	242320.22000	242320.24489	-0.02489	0.05000	0.00000			
1516:	40	0	40	39	1	39	242320.26788	242320.24489	0.02299	0.05000	0.00000			
1517:	34	18	16	33	18	15	242396.32410	242396.39359	-0.06949	0.05000	0.00000			
1518:	44	18	26	44	17	27	242686.56600	242686.55678	0.00922	0.05000	0.00000	242686.60843	-0.04243	0.5000
1519:	44	18	27	44	17	28	242686.56600	242686.66007	-0.09407	0.05000	0.00000	242686.60843	-0.04243	0.5000
1520:	34	17	17	33	17	16	242700.54660	242700.60172	-0.05512	0.05000	0.00000			
1521:	68	20	49	68	19	50	242824.43200	242824.49843	-0.06643	0.05000	0.00000			
1522:	34	16	18	33	16	17	243064.86950	243064.91212	-0.04262	0.05000	0.00000			
1523:	34	16	19	33	16	18	243064.91014	243064.91188	-0.00174	0.05000	0.00000			
1524:	86	19	67	86	18	68	243085.88730	243085.94991	-0.06261	0.05000	0.00000			
1525:	63	11	52	63	11	53	243234.38960	243234.39610	-0.00650	0.05000	0.00000			
1526:	63	11	52	63	10	53	243246.27210	243246.30949	-0.03739	0.05000	0.00000			
1527:	63	12	52	63	11	53	243356.85770	243356.88376	-0.02606	0.05000	0.00000			
1528:	43	18	25	43	17	26	243380.85140	243380.84864	0.00276	0.05000	0.00000	243380.87225	-0.02085	0.5000
1529:	43	18	26	43	17	27	243380.85140	243380.89585	-0.04445	0.05000	0.00000	243380.87225	-0.02085	0.5000
1530:	34	15	19	33	15	18	243508.21670	243508.29701	-0.08031	0.05000	0.00000	243508.29419	-0.07749	0.5000
1531:	34	15	20	33	15	19	243508.21670	243508.29138	-0.07468	0.05000	0.00000	243508.29419	-0.07749	0.5000
1532:	48	12	36	47	13	35	243591.31770	243591.27060	0.04710	0.05000	0.00000			

1631:	60	9	51	60	8	52	252295.16450	252295.20273	-0.03823	0.05000	0.00000		
1632:	60	10	51	60	9	52	252299.91790	252299.93104	-0.01314	0.05000	0.00000		
1633:	54	6	48	54	5	49	252323.96630	252323.94224	0.02406	0.05000	0.00000	252323.96386	0.00244 0.5000
1634:	54	7	48	54	6	49	252323.96630	252323.98547	-0.01917	0.05000	0.00000	252323.96386	0.00244 0.5000
1635:	36	6	30	35	7	29	252397.70410	252397.69277	0.01133	0.05000	0.00000		
1636:	34	7	27	33	7	26	252517.45798	252517.44880	0.00918	0.05000	0.00000		
1637:	47	3	45	47	2	46	252598.68060	252598.68224	-0.00164	0.05000	0.00000		
1638:	51	19	32	51	18	33	252725.85410	252725.86089	-0.00679	0.05000	0.00000		
1639:	51	19	33	51	18	34	252726.98710	252727.01661	-0.02951	0.05000	0.00000		
1640:	56	8	49	56	7	50	252761.25720	252761.40944	-0.15224	0.05000	0.00000	252761.29412	-0.03692 0.5000
1641:	56	7	49	56	6	50	252761.25720	252761.17881	0.07839	0.05000	0.00000	252761.29412	-0.03692 0.5000
1642:	35	12	24	34	12	23	253273.66580	253273.66185	0.00395	0.05000	0.00000		
1643:	35	12	23	34	12	22	253317.95260	253317.98050	-0.02790	0.05000	0.00000		
1644:	38	5	34	37	5	33	253366.38420	253366.37400	0.01020	0.05000	0.00000		
1645:	38	4	34	37	4	33	253368.05140	253368.03875	0.01265	0.05000	0.00000		
1646:	37	6	32	36	6	31	253373.91990	253373.91430	0.00560	0.05000	0.00000		
1647:	39	3	36	38	3	35	253512.10850	253512.11983	-0.01133	0.05000	0.00000		
1648:	39	4	36	38	4	35	253512.10850	253512.07866	0.02984	0.05000	0.00000		
1649:	63	20	44	63	19	45	253613.52320	253613.48710	0.03610	0.05000	0.00000		
1650:	50	19	31	50	18	32	253685.40380	253685.43782	-0.03402	0.05000	0.00000		
1651:	50	19	32	50	18	33	253685.97560	253686.01444	-0.03884	0.05000	0.00000		
1652:	40	2	38	39	2	37	253737.96350	253737.95090	0.01260	0.05000	0.00000		
1653:	41	1	40	40	1	39	254002.07730	254002.10094	-0.02364	0.05000	0.00000		
1654:	42	0	42	41	0	41	254282.38090	254282.37137	0.00953	0.05000	0.00000		
1655:	42	0	42	41	1	41	254282.38721	254282.37137	0.01584	0.05000	0.00000		
1656:	72	15	58	72	14	59	254513.68780	254513.71349	-0.02569	0.05000	0.00000		
1657:	35	11	25	34	11	24	254549.95730	254549.94931	0.00799	0.05000	0.00000		
1658:	36	35	2	35	35	1	254616.00950	254615.97676	0.03274	0.05000	0.00000		
1659:	36	34	2	35	34	1	254679.10140	254679.07519	0.02621	0.05000	0.00000		
1660:	36	33	3	35	33	2	254745.65950	254745.71441	-0.05491	0.05000	0.00000		
1661:	36	32	4	35	32	3	254816.40090	254816.41907	-0.01817	0.05000	0.00000		
1662:	36	31	5	35	31	4	254891.78190	254891.80069	-0.01879	0.05000	0.00000		
1663:	35	11	24	34	11	23	254956.28240	254956.29345	-0.01105	0.05000	0.00000		
1664:	36	30	6	35	30	5	254972.55440	254972.57576	-0.02136	0.05000	0.00000		
1665:	36	29	7	35	29	6	255059.56920	255059.58833	-0.01913	0.05000	0.00000		
1666:	36	28	8	35	28	7	255153.81720	255153.83868	-0.02148	0.05000	0.00000		
1667:	36	27	9	35	27	8	255256.53140	255256.51980	0.01160	0.05000	0.00000		
1668:	62	20	42	62	19	43	255312.01790	255312.07808	-0.06018	0.05000	0.00000		
1669:	36	26	10	35	26	9	255369.03260	255369.06455	-0.03195	0.05000	0.00000		
1670:	48	19	29	48	18	30	255409.76370	255409.74545	0.01825	0.05000	0.00000		
1671:	48	19	30	48	18	31	255409.76370	255409.88102	-0.11732	0.05000	0.00000	255409.81323	-0.04953 0.5000
1672:	36	25	11	35	25	10	255493.17210	255493.20690	-0.03480	0.05000	0.00000	255409.81323	-0.04953 0.5000
1673:	36	24	12	35	24	11	255631.05080	255631.06299	-0.01219	0.05000	0.00000		
1674:	35	10	26	34	10	25	255741.45980	255741.49171	-0.03191	0.05000	0.00000		
1675:	36	23	13	35	23	12	255785.18930	255785.23930	-0.05000	0.05000	0.00000		
1676:	36	22	15	35	22	14	255958.94680	255958.97968	-0.03288	0.05000	0.00000		
1677:	65	11	54	65	11	55	255984.04630	255984.08034	-0.03404	0.05000	0.00000		
1678:	65	11	54	65	10	55	255988.11360	255988.12914	-0.01554	0.05000	0.00000		
1679:	65	12	54	65	11	55	256028.51170	256028.57133	-0.05963	0.05000	0.00000		

1680:	46	1	45	46	1	46	256121.53582	256121.53869	-0.00287	0.05000	0.00000	256121.53869	-0.00287	0.5000
1681:	46	1	45	46	0	46	256121.53582	256121.53869	-0.00287	0.05000	0.00000	256121.53869	-0.00287	0.5000
1682:	36	21	15	35	21	14	256156.33900	256156.36867	-0.02967	0.05000	0.00000			
1683:	47	19	29	47	18	30	256183.19080	256183.23682	-0.04602	0.05000	0.00000	256183.20492	-0.01412	0.5000
1684:	47	19	28	47	18	29	256183.19080	256183.17302	0.01778	0.05000	0.00000	256183.20492	-0.01412	0.5000
1685:	36	20	16	35	20	15	256382.60210	256382.61825	-0.01615	0.05000	0.00000			
1686:	36	19	17	35	19	16	256644.47190	256644.48235	-0.01045	0.05000	0.00000			
1687:	46	19	27	46	18	28	256902.60140	256902.59290	0.00850	0.05000	0.00000	256902.60760	-0.00620	0.5000
1688:	46	19	28	46	18	29	256902.60140	256902.62231	-0.02091	0.05000	0.00000	256902.60760	-0.00620	0.5000
1689:	61	20	41	61	19	42	257034.98800	257035.05302	-0.06502	0.05000	0.00000			
1690:	61	20	42	61	19	43	257091.15220	257091.15506	-0.00286	0.05000	0.00000			
1691:	53	5	48	53	4	49	257271.39035	257271.38352	0.00683	0.05000	0.00000	257271.38540	0.00494	0.5000
1692:	53	6	48	53	5	49	257271.39035	257271.38729	0.00306	0.05000	0.00000	257271.38540	0.00494	0.5000
1693:	36	17	19	35	17	18	257313.84540	257313.81090	0.03450	0.05000	0.00000			
1694:	63	11	53	63	10	54	257473.06070	257473.08927	-0.02857	0.05000	0.00000			
1695:	45	19	27	45	18	28	257571.42210	257571.47076	-0.04866	0.05000	0.00000	257571.46413	-0.04203	0.5000
1696:	45	19	26	45	18	27	257571.42210	257571.45749	-0.03539	0.05000	0.00000	257571.46413	-0.04203	0.5000
1697:	35	7	28	34	7	27	257729.00017	257728.98745	0.01272	0.05000	0.00000			
1698:	36	16	21	35	16	20	257749.93416	257749.94702	-0.01286	0.05000	0.00000			
1699:	36	16	20	35	16	19	257749.97370	257749.94855	0.02515	0.05000	0.00000			
1700:	55	7	49	55	6	50	258148.98630	258148.98600	0.00030	0.05000	0.00000	258148.97428	0.01202	0.5000
1701:	55	6	49	55	5	50	258148.98630	258148.96256	0.02374	0.05000	0.00000	258148.97428	0.01202	0.5000
1702:	44	19	25	44	18	26	258192.92590	258192.94719	-0.02129	0.05000	0.00000			
1703:	36	15	22	35	15	21	258283.15200	258283.14593	0.00607	0.05000	0.00000	258283.16158	-0.00958	0.5000
1704:	36	15	21	35	15	20	258283.15200	258283.17724	-0.02524	0.05000	0.00000	258283.16158	-0.00958	0.5000
1705:	48	3	46	48	2	47	258303.23240	258303.24085	-0.00845	0.05000	0.00000			
1706:	35	10	25	34	10	24	258324.52290	258324.53444	-0.01154	0.05000	0.00000			
1707:	61	9	52	61	8	53	258349.60510	258349.66248	-0.05738	0.05000	0.00000			
1708:	61	10	52	61	9	53	258352.41650	258352.39103	0.02547	0.05000	0.00000			
1709:	60	20	40	60	19	41	258629.64560	258629.68723	-0.04163	0.05000	0.00000			
1710:	57	8	50	57	7	51	258644.98380	258645.03104	-0.04724	0.05000	0.00000	258644.96721	0.01659	0.5000
1711:	57	7	50	57	6	51	258644.98380	258644.90337	0.08043	0.05000	0.00000	258644.96721	0.01659	0.5000
1712:	60	20	41	60	19	42	258661.09330	258661.12143	-0.02813	0.05000	0.00000			
1713:	43	19	24	43	18	25	258769.93660	258770.00400	-0.06740	0.05000	0.00000			
1714:	37	6	31	36	7	30	258795.47590	258795.46876	0.00714	0.05000	0.00000			
1715:	36	14	23	35	14	22	258949.05030	258949.02742	0.02288	0.05000	0.00000			
1716:	36	14	22	35	14	21	258949.56310	258949.56042	0.00268	0.05000	0.00000			
1717:	42	19	23	42	18	24	259305.35730	259305.35944	-0.00214	0.05000	0.00000			
1718:	38	6	33	37	6	32	259317.39540	259317.42092	-0.02552	0.05000	0.00000			
1719:	39	5	35	38	5	34	259330.59200	259330.55842	0.03358	0.05000	0.00000			
1720:	39	4	35	38	4	34	259331.53580	259331.47612	0.05968	0.05000	0.00000			
1721:	40	3	37	39	3	36	259486.78410	259486.79091	-0.00681	0.05000	0.00000	259486.78007	0.00403	0.5000
1722:	40	4	37	39	4	36	259486.78410	259486.76923	0.01487	0.05000	0.00000	259486.78007	0.00403	0.5000
1723:	36	13	24	35	13	23	259801.98026	259802.05942	-0.07916	0.05000	0.00000	260262.83373	0.01473	0.5000
1724:	43	0	43	42	1	42	260262.84846	260262.83373	0.01473	0.05000	0.00000	260262.83373	0.01473	0.5000
1725:	43	0	43	42	0	42	260262.84846	260262.83373	0.01473	0.05000	0.00000	262815.62590	-0.02319	0.5000
1726:	37	24	14	36	24	13	262815.60271	262815.62590	-0.02319	0.05000	0.00000	262815.62590	-0.02319	0.5000
1727:	37	24	13	36	24	12	262815.60271	262815.62590	-0.02319	0.05000	0.00000	262815.62590	-0.02319	0.5000
1728:	36	7	29	35	7	28	262853.08426	262853.07867	0.00559	0.05000	0.00000			

1729:	36	11	25	35	11	24	262953.40980	262953.41487	-0.00507	0.05000	0.00000			
1730:	37	23	14	36	23	13	262982.44660	262982.45095	-0.00435	0.05000	0.00000			
1731:	54	5	49	54	4	50	263045.55114	263045.53557	0.01557	0.05000	0.00000	263045.53553	0.01561	0.5000
1732:	54	5	49	54	5	50	263045.55114	263045.53549	0.01565	0.05000	0.00000	263045.53553	0.01561	0.5000
1733:	31	19	12	31	18	13	263068.53740	263068.52163	0.01577	0.05000	0.00000			
1734:	37	22	16	36	22	15	263170.55920	263170.62349	-0.06429	0.05000	0.00000			
1735:	30	19	11	30	18	12	263263.78970	263263.78171	0.00799	0.05000	0.00000			
1736:	36	10	27	35	10	26	263315.98780	263316.00246	-0.01466	0.05000	0.00000			
1737:	37	21	16	36	21	15	263384.59530	263384.61461	-0.01931	0.05000	0.00000			
1738:	29	19	10	29	18	11	263440.97090	263440.94985	0.02105	0.05000	0.00000			
1739:	28	19	9	28	18	10	263601.27960	263601.25273	0.02687	0.05000	0.00000			
1740:	64	10	54	64	9	55	263605.78810	263605.80470	-0.01660	0.05000	0.00000			
1741:	64	11	54	64	10	55	263612.19590	263612.22456	-0.02866	0.05000	0.00000			
1742:	37	20	17	36	20	16	263630.15570	263630.14023	0.01547	0.05000	0.00000			
1743:	27	19	8	27	18	9	263745.87350	263745.85982	0.01368	0.05000	0.00000			
1744:	49	12	37	48	13	36	263860.86030	263860.76888	0.09142	0.05000	0.00000			
1745:	26	19	7	26	18	8	263875.91830	263875.88632	0.03198	0.05000	0.00000			
1746:	56	6	50	56	5	51	263965.69480	263965.68816	0.00664	0.05000	0.00000	263965.69449	0.00031	0.5000
1747:	56	7	50	56	6	51	263965.69480	263965.70083	-0.00603	0.05000	0.00000	263965.69449	0.00031	0.5000
1748:	56	20	36	56	19	37	263967.36640	263967.36064	0.00576	0.05000	0.00000			
1749:	56	20	37	56	19	38	263970.04210	263970.00978	0.03232	0.05000	0.00000			
1750:	25	19	6	25	18	7	263992.39190	263992.39584	-0.00394	0.05000	0.00000			
1751:	49	3	47	49	2	48	264006.55720	264006.57656	-0.01936	0.05000	0.00000			
1752:	24	19	5	24	18	6	264096.41750	264096.40269	0.01481	0.05000	0.00000			
1753:	23	19	4	23	18	5	264188.90450	264188.87385	0.03065	0.05000	0.00000			
1754:	37	18	19	36	18	18	264247.85850	264247.89857	-0.04007	0.05000	0.00000			
1755:	22	19	3	22	18	4	264270.80990	264270.73075	0.07915	0.05000	0.00000			
1756:	21	19	2	21	18	3	264342.88400	264342.85075	0.03325	0.05000	0.00000			
1757:	62	9	63	62	8	54	264380.30750	264380.27307	0.03443	0.05000	0.00000			
1758:	62	10	53	62	9	54	264381.82580	264381.83940	-0.01360	0.05000	0.00000			
1759:	20	19	1	20	18	2	264406.13350	264406.06841	0.06509	0.05000	0.00000			
1760:	19	19	0	19	18	1	264461.24240	264461.17666	0.06574	0.05000	0.00000			
1761:	58	7	51	58	6	52	264516.71900	264516.67774	0.04126	0.05000	0.00000	264516.71293	0.00607	0.5000
1762:	58	8	51	58	7	52	264516.71900	264516.74812	-0.02912	0.05000	0.00000	264516.71293	0.00607	0.5000
1763:	37	17	20	36	17	19	264643.24260	264643.27223	-0.02963	0.05000	0.00000			
1764:	38	6	32	37	7	31	265010.18160	265010.18242	-0.00082	0.05000	0.00000			
1765:	88	19	69	88	18	70	265068.81770	265068.80062	0.01708	0.05000	0.00000			
1766:	55	20	35	55	19	36	265084.82650	265084.83120	-0.00470	0.05000	0.00000			
1767:	55	20	36	55	19	37	265086.17330	265086.20210	-0.02880	0.05000	0.00000			
1768:	37	16	21	36	16	20	265119.29440	265119.29827	-0.00387	0.05000	0.00000			
1769:	37	16	22	36	16	21	265119.30245	265119.29457	0.00788	0.05000	0.00000			
1770:	39	6	34	38	6	33	265262.56670	265262.60227	-0.03557	0.05000	0.00000			
1771:	40	4	36	39	4	35	265296.32630	265296.37632	-0.05002	0.05000	0.00000			
1772:	41	3	38	40	3	37	265461.57310	265461.56514	0.00796	0.05000	0.00000	265461.57132	0.00178	0.5000
1773:	41	4	38	40	3	37	265461.57310	265461.57750	-0.00440	0.05000	0.00000	265461.57132	0.00178	0.5000
1774:	42	2	40	41	2	39	265695.19370	265695.17801	0.01569	0.05000	0.00000			
1775:	37	15	23	36	15	22	265702.78220	265702.75306	0.02914	0.05000	0.00000	265702.78837	-0.00617	0.5000
1776:	37	15	22	36	15	21	265702.78220	265702.82369	-0.04149	0.05000	0.00000	265702.78837	-0.00617	0.5000
1777:	43	1	42	42	1	41	265961.92660	265961.94807	-0.02147	0.05000	0.00000			

1778:	75	22	53	75	21	54	265994.03580	265993.93508	0.10072	0.05000	0.00000	
1779:	54	20	34	54	19	35	266128.50870	266128.56132	-0.05262	0.05000	0.00000	
1780:	54	20	35	54	19	36	266129.23120	266129.25892	-0.02772	0.05000	0.00000	
1781:	44	0	44	43	1	43	266242.90206	266242.88243	0.01963	0.05000	0.00000	
1782:	44	0	44	43	0	43	266242.91500	266242.88243	0.03257	0.05000	0.00000	
1783:	37	14	24	36	14	23	266433.93300	266433.93112	0.00188	0.05000	0.00000	
1784:	37	14	23	36	14	22	266435.04860	266435.05015	-0.00155	0.05000	0.00000	
1785:	69	12	57	69	11	58	266729.26840	266729.28781	-0.01941	0.05000	0.00000	
1786:	53	20	34	53	19	35	267103.83390	267104.04668	-0.21278	0.05000	0.00000	267103.87223
1787:	53	20	33	53	19	34	267103.83390	267103.69777	0.13613	0.05000	0.00000	267103.87223
1788:	36	10	26	35	10	25	267130.22200	267130.20126	0.02074	0.05000	0.00000	
1789:	37	13	25	36	13	24	267373.70160	267373.70768	-0.00608	0.05000	0.00000	
1790:	37	13	24	36	13	23	267388.16650	267388.15626	0.01024	0.05000	0.00000	
1791:	74	14	60	74	13	61	267651.83890	267651.81911	0.01979	0.05000	0.00000	
1792:	74	15	60	74	14	61	267981.76060	267981.61512	0.14548	0.05000	0.00000	
1793:	37	7	30	36	7	29	268023.57873	268023.56530	0.01343	0.05000	0.00000	
1794:	67	11	56	67	10	57	268525.85680	268525.84034	0.01646	0.05000	0.00000	
1795:	67	12	56	67	11	57	268540.24030	268540.24339	-0.00309	0.05000	0.00000	
1796:	37	12	26	36	12	25	268590.47180	268590.47013	0.00167	0.05000	0.00000	
1797:	38	37	1	37	37	0	268700.35390	268700.29146	0.06244	0.05000	0.00000	
1798:	37	12	25	36	12	24	268737.96870	268737.98478	-0.01608	0.05000	0.00000	
1799:	38	36	2	37	36	1	268765.36790	268765.30574	0.06216	0.05000	0.00000	
1800:	55	5	50	55	5	51	268814.48381	268814.45395	0.02987	0.05000	0.00000	0.02985 0.5000
1801:	55	5	50	55	4	51	268814.48381	268814.45398	0.02983	0.05000	0.00000	0.02985 0.5000
1802:	38	35	4	37	35	3	268833.53970	268833.56112	-0.02142	0.05000	0.00000	
1803:	51	20	31	51	19	32	268866.23210	268866.19627	0.03583	0.05000	0.00000	-0.00553 0.5000
1804:	51	20	32	51	19	33	268866.23210	268866.27899	-0.04689	0.05000	0.00000	-0.00553 0.5000
1805:	38	34	4	37	34	3	268905.53500	268905.51896	0.01604	0.05000	0.00000	
1806:	38	33	5	37	33	4	268981.70930	268981.71222	-0.00292	0.05000	0.00000	
1807:	74	22	52	74	21	53	269000.09160	269000.00611	0.08549	0.05000	0.00000	
1808:	38	32	6	37	32	5	269062.77090	269062.75943	0.01147	0.05000	0.00000	
1809:	38	31	7	37	31	6	269149.34710	269149.38191	-0.03481	0.05000	0.00000	
1810:	38	30	8	37	30	7	269242.44220	269242.42522	0.01698	0.05000	0.00000	
1811:	38	29	9	37	29	8	269342.86390	269342.88612	-0.02222	0.05000	0.00000	
1812:	38	28	10	37	28	9	269451.90740	269451.94676	-0.03936	0.05000	0.00000	
1813:	38	27	11	37	27	10	269570.95940	269571.01832	-0.05892	0.05000	0.00000	
1814:	50	20	31	50	19	32	269661.48840	269661.56493	-0.07653	0.05000	0.00000	269661.54534
1815:	50	20	30	50	19	31	269661.48840	269661.52576	-0.03736	0.05000	0.00000	-0.05694 0.5000
1816:	38	26	12	37	26	11	269701.75570	269701.79750	-0.04180	0.05000	0.00000	
1817:	50	3	48	50	2	49	269708.70120	269708.72523	-0.02403	0.05000	0.00000	
1818:	65	10	65	65	9	56	269719.00500	269719.07636	-0.07136	0.05000	0.00000	
1819:	65	11	55	65	10	56	269722.84100	269722.81780	0.02320	0.05000	0.00000	
1820:	57	6	51	57	5	52	269774.69150	269774.69676	-0.00526	0.05000	0.00000	-0.00867 0.5000
1821:	57	7	51	57	6	52	269774.69150	269774.70358	-0.01208	0.05000	0.00000	-0.00867 0.5000
1822:	38	25	13	37	25	12	269846.31000	269846.34035	-0.03035	0.05000	0.00000	
1823:	37	11	27	36	11	26	269993.71110	269993.70958	0.00152	0.05000	0.00000	
1824:	38	24	14	37	24	13	270007.09160	270007.15997	-0.06837	0.05000	0.00000	
1825:	38	24	15	37	24	14	270007.12647	270007.15997	-0.03350	0.05000	0.00000	
1826:	59	8	52	59	7	53	270377.44030	270377.44169	-0.00139	0.05000	0.00000	0.01793 0.5000

1827:	59	7	52	59	6	53	270377.44030	270377.40305	0.03725	0.05000	0.00000	270377.42237	0.01793	0.5000
1828:	38	22	17	37	22	16	270390.78760	270390.80384	-0.01624	0.05000	0.00000			
1829:	38	21	17	37	21	16	270622.36410	270622.38492	-0.02082	0.05000	0.00000			
1830:	37	10	28	36	10	27	270800.63630	270800.63591	0.00039	0.05000	0.00000			
1831:	13	13	1	12	12	0	270866.11930	270866.04094	0.07836	0.05000	0.00000			
1832:	38	20	18	37	20	17	270888.29480	270888.36209	-0.06729	0.05000	0.00000			
1833:	39	6	33	38	7	32	271109.49030	271109.42990	0.06040	0.05000	0.00000			
1834:	37	11	26	36	11	25	271115.33750	271115.35625	-0.01875	0.05000	0.00000			
1835:	38	19	19	37	19	18	271196.84470	271196.88974	-0.04504	0.05000	0.00000			
1836:	40	5	35	39	6	34	271199.19760	271199.13882	0.05878	0.05000	0.00000			
1837:	40	6	35	39	6	34	271209.93940	271209.92378	0.01562	0.05000	0.00000			
1838:	40	5	35	39	5	34	271218.25540	271218.26031	-0.00491	0.05000	0.00000			
1839:	41	4	37	40	4	36	271262.31350	271262.41906	-0.10556	0.05000	0.00000	271262.28211	0.03139	0.5000
1840:	41	5	37	40	5	36	271262.31350	271262.14515	0.16835	0.05000	0.00000	271262.28211	0.03139	0.5000
1841:	42	4	39	41	4	38	271436.37600	271436.36275	0.01325	0.05000	0.00000	271436.36572	0.01028	0.5000
1842:	42	3	39	41	3	38	271436.37600	271436.36870	0.00730	0.05000	0.00000	271436.36572	0.01028	0.5000
1843:	39	6	33	38	6	32	271519.67680	271519.68604	-0.00924	0.05000	0.00000			
1844:	38	18	20	37	18	19	271558.78010	271558.79986	-0.01976	0.05000	0.00000			
1845:	24	7	17	23	6	18	271561.72260	271561.71856	0.00404	0.05000	0.00000			
1846:	52	3	49	52	2	50	271627.30610	271627.38031	-0.07421	0.05000	0.00000			
1847:	43	2	41	42	2	40	271673.35610	271673.34529	0.01081	0.05000	0.00000			
1848:	36	8	28	35	8	27	271917.95760	271917.95911	-0.00161	0.05000	0.00000			
1849:	44	1	43	43	1	42	271941.31320	271941.27307	0.04013	0.05000	0.00000			
1850:	38	17	21	37	17	20	271988.82760	271988.83183	-0.00423	0.05000	0.00000			
1851:	63	21	42	63	20	43	272012.63920	272012.66741	-0.02821	0.05000	0.00000			
1852:	45	0	45	44	1	44	272222.52358	272222.50767	0.01591	0.05000	0.00000	272222.50767	0.01591	0.5000
1853:	45	0	45	44	0	44	272222.52358	272222.50767	0.01591	0.05000	0.00000	272222.50767	0.01591	0.5000
1854:	46	20	26	46	19	27	272348.30580	272348.31625	-0.01045	0.05000	0.00000			
1855:	38	16	23	37	16	22	272507.64520	272507.65159	-0.00639	0.05000	0.00000			
1856:	38	16	22	37	16	21	272507.64520	272507.66030	-0.01510	0.05000	0.00000	272507.65595	-0.01075	0.5000
1857:	80	16	64	80	15	65	272908.19510	272908.05305	0.14205	0.05000	0.00000	272507.65595	-0.01075	0.5000
1858:	45	20	25	45	19	26	272910.76090	272910.69510	0.06580	0.05000	0.00000			
1859:	36	9	27	35	9	26	272973.11010	272973.09510	0.01500	0.05000	0.00000			
1860:	70	12	58	70	11	59	273096.47610	273096.48337	-0.00727	0.05000	0.00000			
1861:	70	13	58	70	12	59	273127.49570	273127.46253	0.03317	0.05000	0.00000			
1862:	38	15	24	37	15	23	273145.36680	273145.35040	0.01640	0.05000	0.00000	273145.42790	-0.06110	0.5000
1863:	38	15	23	37	15	22	273145.36680	273145.50540	-0.13860	0.05000	0.00000	273145.42790	-0.06110	0.5000
1864:	49	1	48	49	0	49	273208.25970	273208.23542	0.02428	0.05000	0.00000			
1865:	49	1	48	49	1	49	273208.26422	273208.23542	0.02879	0.05000	0.00000			
1866:	54	4	50	54	3	51	273255.88850	273255.88140	0.00710	0.05000	0.00000			
1867:	38	7	31	37	7	30	273312.61610	273312.59460	0.02150	0.05000	0.00000			
1868:	44	20	24	44	19	25	273434.34740	273434.38449	-0.03709	0.05000	0.00000			
1869:	43	20	23	43	19	24	273921.59650	273921.61755	-0.02105	0.05000	0.00000			
1870:	38	14	25	37	14	24	273947.43270	273947.44168	-0.00898	0.05000	0.00000			
1871:	38	14	24	37	14	23	273949.71790	273949.73052	-0.01262	0.05000	0.00000			
1872:	72	22	50	72	21	51	274149.86120	274149.82041	0.04079	0.05000	0.00000			
1873:	42	20	22	42	19	23	274374.46350	274374.49008	-0.02658	0.05000	0.00000			
1874:	75	14	61	75	13	62	274430.80090	274430.79070	0.01020	0.05000	0.00000			
1875:	72	22	51	72	21	52	274463.57870	274463.58172	-0.00302	0.05000	0.00000			

1876:	56	5	51	56	5	52	274578.45420	274578.45941	-0.00521	0.05000	0.00000	274578.45942	-0.00522	0.5000
1877:	56	5	51	56	4	52	274578.45420	274578.45943	-0.00523	0.05000	0.00000	274578.45942	-0.00522	0.5000
1878:	75	15	61	75	14	62	274637.40040	274637.31228	0.08812	0.05000	0.00000			
1879:	68	11	57	68	10	58	274734.14990	274734.13357	0.01633	0.05000	0.00000			
1880:	68	12	57	68	11	58	274742.64440	274742.65175	-0.00735	0.05000	0.00000			
1881:	89	19	70	89	18	71	274784.26020	274784.19694	0.06326	0.05000	0.00000			
1882:	41	20	21	41	19	22	274794.97190	274794.97363	-0.00173	0.05000	0.00000			
1883:	38	13	26	37	13	25	274980.89370	274980.90367	-0.00997	0.05000	0.00000			
1884:	38	13	25	37	13	24	275008.36140	275008.36821	-0.00681	0.05000	0.00000			
1885:	40	20	20	40	19	21	275184.91630	275184.92686	-0.01056	0.05000	0.00000			
1886:	51	3	49	51	2	50	275409.71560	275409.71860	-0.00300	0.05000	0.00000			
1887:	39	20	19	39	19	20	275546.08800	275546.10550	-0.01750	0.05000	0.00000			
1888:	58	7	52	58	6	53	275576.51870	275576.50837	0.01033	0.05000	0.00000	275576.50654	0.01216	0.5000
1889:	58	6	52	58	5	53	275576.51870	275576.50471	0.01399	0.05000	0.00000	275576.50654	0.01216	0.5000
1890:	39	38	1	38	38	0	275738.93460	275738.85444	0.08016	0.05000	0.00000			
1891:	39	37	2	38	37	1	275804.96620	275804.88932	0.07688	0.05000	0.00000			
1892:	66	11	56	66	10	57	275807.10680	275807.13286	-0.02606	0.05000	0.00000			
1893:	39	36	3	38	36	2	275874.02000	275874.02771	-0.00771	0.05000	0.00000			
1894:	38	20	18	38	19	19	275880.15370	275880.17112	-0.01742	0.05000	0.00000			
1895:	39	35	5	38	35	4	275946.73190	275946.70352	0.02838	0.05000	0.00000			
1896:	39	34	5	38	34	4	276023.42520	276023.41599	0.00921	0.05000	0.00000			
1897:	39	33	6	38	33	5	276104.74130	276104.74198	-0.00068	0.05000	0.00000			
1898:	37	10	27	36	10	26	276168.55020	276168.54440	0.00580	0.05000	0.00000			
1899:	37	20	17	37	19	18	276188.69550	276188.69876	-0.00326	0.05000	0.00000			
1900:	60	7	53	60	6	54	276227.88280	276227.87848	0.00432	0.05000	0.00000	276227.88905	-0.00625	0.5000
1901:	60	8	53	60	7	54	276227.88280	276227.89962	-0.01682	0.05000	0.00000	276227.88905	-0.00625	0.5000
1902:	39	31	8	38	31	7	276284.08160	276284.02454	0.05706	0.05000	0.00000			
1903:	38	12	27	37	12	26	276302.18790	276302.16344	0.02446	0.05000	0.00000			
1904:	39	30	9	38	30	8	276383.64030	276383.67813	-0.03783	0.05000	0.00000			
1905:	36	20	16	36	19	17	276473.11020	276473.18380	-0.07360	0.05000	0.00000			
1906:	39	29	10	38	29	9	276491.36380	276491.39204	-0.02824	0.05000	0.00000			
1907:	38	12	26	37	12	25	276560.89520	276560.88760	0.00760	0.05000	0.00000			
1908:	71	22	50	71	21	51	276580.14100	276580.20631	-0.06531	0.05000	0.00000			
1909:	39	28	11	38	28	10	276608.41560	276608.44780	-0.03220	0.05000	0.00000			
1910:	35	20	15	35	19	16	276735.00360	276735.04791	-0.04431	0.05000	0.00000			
1911:	39	27	12	38	27	11	276736.31980	276736.37603	-0.05623	0.05000	0.00000			
1912:	39	26	13	38	26	12	276876.97020	276877.01818	-0.04798	0.05000	0.00000			
1913:	34	20	14	34	19	15	276975.64600	276975.64431	0.00169	0.05000	0.00000			
1914:	39	25	14	38	25	13	277032.58260	277032.60734	-0.02474	0.05000	0.00000			
1915:	40	6	34	39	7	33	277138.10650	277138.09278	0.01372	0.05000	0.00000			
1916:	41	6	36	40	6	35	277159.49850	277159.49818	0.00032	0.05000	0.00000			
1917:	39	24	15	38	24	14	277205.83200	277205.87550	-0.04350	0.05000	0.00000			
1918:	39	24	16	38	24	15	277205.83325	277205.87550	-0.04225	0.05000	0.00000			
1919:	32	20	12	32	19	13	277398.14810	277398.13255	0.01555	0.05000	0.00000			
1920:	39	23	16	38	23	15	277400.17870	277400.19817	-0.01947	0.05000	0.00000			
1921:	43	3	40	42	3	39	277411.13160	277411.13794	-0.00634	0.05000	0.00000	277411.13639	-0.00479	0.5000
1922:	43	4	40	42	4	39	277411.13160	277411.13484	-0.00324	0.05000	0.00000	277411.13639	-0.00479	0.5000
1923:	31	20	11	31	19	12	277582.46510	277582.42838	0.03672	0.05000	0.00000			
1924:	39	22	18	38	22	17	277619.73760	277619.79245	-0.05485	0.05000	0.00000			

1925:	44	2	42	43	2	41	277651.18160	277651.18461	-0.00301	0.05000	0.00000	
1926:	38	11	28	37	11	27	277709.03020	277709.03789	-0.00769	0.05000	0.00000	
1927:	39	21	18	38	21	17	277869.96000	277869.99405	-0.03405	0.05000	0.00000	
1928:	45	1	44	44	1	43	277920.17300	277920.18318	-0.01018	0.05000	0.00000	
1929:	28	20	8	28	19	9	278040.91740	278040.83854	0.07886	0.05000	0.00000	
1930:	39	20	19	38	20	18	278157.60450	278157.65355	-0.04905	0.05000	0.00000	
1931:	27	20	7	27	19	8	278165.58470	278165.56646	0.01824	0.05000	0.00000	
1932:	38	10	29	37	10	28	278166.93900	278166.91260	0.02640	0.05000	0.00000	
1933:	46	0	46	45	0	45	278201.69690	278201.69969	-0.00279	0.05000	0.00000	
1934:	46	0	46	45	1	45	278201.72099	278201.69969	0.02130	0.05000	0.00000	
1935:	28	8	21	27	7	20	278252.76620	278252.75007	0.01613	0.05000	0.00000	
1936:	26	20	6	26	19	7	278277.85700	278277.85355	0.00345	0.05000	0.00000	
1937:	25	20	5	25	19	6	278378.59560	278378.59499	0.00061	0.05000	0.00000	
1938:	70	22	48	70	21	49	278461.19300	278461.15104	0.04196	0.05000	0.00000	
1939:	24	20	4	24	19	5	278468.67230	278468.64623	0.02607	0.05000	0.00000	
1940:	39	19	20	38	19	19	278491.68280	278491.71916	-0.03636	0.05000	0.00000	
1941:	23	20	3	23	19	4	278548.85310	278548.82433	0.02877	0.05000	0.00000	
1942:	70	22	49	70	21	50	278571.13590	278571.10752	0.02838	0.05000	0.00000	
1943:	22	20	2	22	19	3	278619.92440	278619.90909	0.01531	0.05000	0.00000	
1944:	21	20	1	21	19	2	278682.71260	278682.64408	0.06852	0.05000	0.00000	
1945:	20	20	0	20	19	1	278737.76120	278737.73749	0.02371	0.05000	0.00000	
1946:	39	7	32	38	7	31	278739.24110	278739.22488	0.01622	0.05000	0.00000	
1947:	39	18	21	38	18	20	278884.09090	278884.12273	-0.03183	0.05000	0.00000	
1948:	39	17	22	38	17	21	279351.13740	279351.18359	-0.04619	0.05000	0.00000	
1949:	71	12	59	71	11	60	279414.39510	279414.39382	0.00128	0.05000	0.00000	
1950:	38	11	27	37	11	26	279485.18390	279485.20043	-0.01653	0.05000	0.00000	
1951:	39	16	23	38	16	22	279915.95280	279915.95853	-0.00573	0.05000	0.00000	279915.94857
1952:	39	16	24	38	16	23	279915.95280	279915.93860	0.01420	0.05000	0.00000	0.00423 0.5000
1953:	81	16	65	81	15	66	280247.12830	280247.07601	0.05229	0.05000	0.00000	279915.94857
1954:	57	5	52	57	5	53	280337.85035	280337.84052	0.00983	0.05000	0.00000	0.00983 0.5000
1955:	57	5	52	57	4	53	280337.85035	280337.84053	0.00982	0.05000	0.00000	0.00983 0.5000
1956:	69	22	47	69	21	48	280377.48220	280377.51703	-0.03483	0.05000	0.00000	
1957:	69	22	48	69	21	49	280441.32680	280441.27456	0.05224	0.05000	0.00000	
1958:	39	15	25	38	15	24	280612.38410	280612.21759	0.16651	0.05000	0.00000	280612.38327
1959:	39	15	24	38	15	23	280612.38410	280612.54896	-0.16486	0.05000	0.00000	0.00083 0.5000
1960:	69	12	58	69	11	59	280913.01120	280912.99476	0.01644	0.05000	0.00000	
1961:	39	8	32	38	7	31	281023.21060	281023.20357	0.00703	0.05000	0.00000	
1962:	37	9	28	36	9	27	281279.81550	281279.79216	0.02334	0.05000	0.00000	
1963:	59	6	53	59	5	54	281371.56630	281371.57511	-0.00881	0.05000	0.00000	
1964:	55	21	34	55	20	35	281436.53200	281436.50425	0.02775	0.05000	0.00000	-0.02409 0.5000
1965:	55	21	35	55	20	36	281436.53200	281436.60794	-0.07594	0.05000	0.00000	-0.02409 0.5000
1966:	39	14	26	38	14	25	281491.28720	281491.31129	-0.02409	0.05000	0.00000	
1967:	39	14	25	38	14	24	281495.81630	281495.87707	-0.06077	0.05000	0.00000	
1968:	67	10	57	67	9	58	281865.96130	281865.99486	-0.03356	0.05000	0.00000	
1969:	68	22	47	68	21	48	282196.94510	282196.94487	0.00023	0.05000	0.00000	
1970:	54	21	34	54	20	35	282306.62190	282306.62535	-0.00345	0.05000	0.00000	
1971:	65	9	56	65	9	57	282349.29125	282349.42130	-0.13005	0.05000	0.00000	
1972:	65	9	56	65	8	57	282349.55230	282349.44079	0.11151	0.05000	0.00000	-0.03243 0.5000
1973:	65	10	56	65	9	57	282349.55230	282349.72866	-0.17636	0.05000	0.00000	-0.03243 0.5000

1974:	63	8	55	63	7	56	282404.73700	282404.76547	-0.02847	0.05000	0.00000	
1975:	23	9	15	22	8	14	282511.63240	282511.60350	0.02890	0.05000	0.00000	
1976:	39	13	27	38	13	26	282625.03780	282625.01024	0.02756	0.05000	0.00000	
1977:	39	9	31	38	9	30	282637.35290	282637.31077	0.04213	0.05000	0.00000	
1978:	39	13	26	38	13	25	282675.92670	282675.94329	-0.01659	0.05000	0.00000	
1979:	40	38	2	39	38	1	282842.14960	282842.02618	0.12342	0.05000	0.00000	
1980:	77	23	54	77	22	55	282866.38510	282866.26428	0.12082	0.05000	0.00000	
1981:	40	37	3	39	37	2	282912.20780	282912.09579	0.11201	0.05000	0.00000	
1982:	40	36	4	39	36	3	282985.66200	282985.54735	0.11465	0.05000	0.00000	
1983:	54	3	51	54	2	52	283052.09330	283052.14878	-0.05548	0.05000	0.00000	
1984:	40	35	5	39	35	4	283062.87660	283062.84946	0.02714	0.05000	0.00000	
1985:	42	5	37	41	6	36	283107.83900	283107.87630	-0.03730	0.05000	0.00000	
1986:	42	6	37	41	6	36	283111.18890	283111.24118	-0.05228	0.05000	0.00000	
1987:	42	5	37	41	5	36	283113.84930	283113.91907	-0.06977	0.05000	0.00000	
1988:	42	6	37	41	5	36	283117.28010	283117.28394	-0.00384	0.05000	0.00000	
1989:	53	21	33	53	20	34	283122.25610	283122.32592	-0.06982	0.05000	0.00000	
1990:	53	21	32	53	20	33	283122.34890	283122.30200	0.04690	0.05000	0.00000	
1991:	40	34	6	39	34	5	283144.51980	283144.54137	-0.02157	0.05000	0.00000	
1992:	43	5	39	42	5	38	283197.00330	283196.91227	0.09103	0.05000	0.00000	283196.95229
1993:	43	4	39	42	4	38	283197.00330	283196.99230	0.01100	0.05000	0.00000	0.05101 0.5000
1994:	41	7	35	40	7	34	283210.05810	283210.09093	-0.03283	0.05000	0.00000	283196.95229
1995:	40	33	7	39	33	6	283231.28620	283231.24632	0.03988	0.05000	0.00000	
1996:	38	8	30	37	8	29	283247.69980	283247.76185	-0.06205	0.05000	0.00000	
1997:	41	6	35	40	6	34	283270.15390	283270.10900	0.04490	0.05000	0.00000	
1998:	40	32	8	39	32	7	283323.63050	283323.68792	-0.05742	0.05000	0.00000	
1999:	41	7	35	40	6	34	283355.08820	283355.10729	-0.01909	0.05000	0.00000	
2000:	44	3	41	43	3	40	283385.83390	283385.81734	0.01656	0.05000	0.00000	
2001:	77	23	55	77	22	56	283396.83630	283396.72308	0.11322	0.05000	0.00000	
2002:	40	31	9	39	31	8	283422.56500	283422.71054	-0.14554	0.05000	0.00000	
2003:	40	31	10	39	31	9	283422.91529	283422.71054	0.20476	0.05000	0.00000	
2004:	40	8	33	39	8	32	283443.89910	283443.88142	0.01768	0.05000	0.00000	
2005:	40	30	10	39	30	9	283529.30100	283529.30457	-0.00357	0.05000	0.00000	
2006:	45	3	43	44	3	42	283628.69409	283628.67528	0.01882	0.05000	0.00000	
2007:	45	2	43	44	2	42	283628.69560	283628.67530	0.02030	0.05000	0.00000	
2008:	40	29	11	39	29	10	283644.56300	283644.63845	-0.07545	0.05000	0.00000	
2009:	74	13	61	74	12	62	283744.84110	283744.91633	-0.07523	0.05000	0.00000	
2010:	40	28	12	39	28	11	283770.08080	283770.09910	-0.01830	0.05000	0.00000	
2011:	67	22	45	67	21	46	283824.29570	283824.31203	-0.01633	0.05000	0.00000	
2012:	67	22	46	67	21	47	283844.84210	283844.88219	-0.04009	0.05000	0.00000	
2013:	52	21	32	52	20	33	283886.89650	283886.91955	-0.02305	0.05000	0.00000	
2014:	46	1	45	45	1	44	283898.66550	283898.66686	-0.00136	0.05000	0.00000	
2015:	46	1	45	45	2	44	283898.76778	283898.66686	0.10091	0.05000	0.00000	283898.66686
2016:	46	2	45	45	1	44	283898.76778	283898.66686	0.10091	0.05000	0.00000	0.10091 0.5000
2017:	40	27	13	39	27	12	283907.31470	283907.34397	-0.02927	0.05000	0.00000	
2018:	40	27	14	39	27	13	283907.48508	283907.34397	0.14111	0.05000	0.00000	
2019:	21	10	12	20	9	11	284025.70010	284025.64315	0.05695	0.05000	0.00000	
2020:	21	10	11	20	9	12	284029.49030	284029.37590	0.11440	0.05000	0.00000	
2021:	39	12	28	38	12	27	284043.45910	284043.46373	-0.00463	0.05000	0.00000	
2022:	40	26	14	39	26	13	284058.32920	284058.36838	-0.03918	0.05000	0.00000	

2023:	47	0	47	46	0	46	284180.42090	284180.44875	-0.02785	0.05000	0.00000
2024:	47	0	47	46	1	46	284180.50358	284180.44875	0.05482	0.05000	0.00000
2025:	40	25	16	39	25	15	284225.45720	284225.59398	-0.13678	0.05000	0.00000
2026:	40	25	15	39	25	14	284225.49370	284225.59398	-0.10028	0.05000	0.00000
2027:	40	7	33	39	7	32	284291.56600	284291.51852	0.04748	0.05000	0.00000
2028:	40	24	16	39	24	15	284411.95670	284411.98640	-0.02970	0.05000	0.00000
2029:	40	24	17	39	24	16	284411.96302	284411.98640	-0.02338	0.05000	0.00000
2030:	39	12	27	38	12	26	284485.41170	284485.43158	-0.01988	0.05000	0.00000
2031:	19	11	8	18	10	9	284584.03210	284584.02759	0.00451	0.05000	0.00000
2032:	51	1	50	51	0	51	284595.89320	284595.88600	0.00720	0.05000	0.00000
2033:	25	7	18	24	6	19	284600.53940	284600.51308	0.02632	0.05000	0.00000
2034:	51	31	51	51	20	32	284603.30990	284603.37674	-0.06684	0.05000	0.00000
2035:	40	23	18	39	23	17	284621.11036	284621.21423	-0.10387	0.05000	0.00000
2036:	40	23	17	39	23	16	284621.13510	284621.21423	-0.07913	0.05000	0.00000
2037:	56	4	52	56	3	53	284717.94740	284717.95140	-0.00400	0.05000	0.00000
2038:	17	12	6	16	11	5	284854.25695	284854.24387	0.01309	0.05000	0.00000
2039:	17	12	5	16	11	6	284854.27470	284854.24388	0.03082	0.05000	0.00000
2040:	40	22	19	39	22	18	284857.78754	284857.86771	-0.08017	0.05000	0.00000
2041:	40	22	18	39	22	17	284857.82840	284857.86771	-0.03931	0.05000	0.00000
2042:	15	13	3	14	12	2	285021.88370	285021.67506	0.00864	0.05000	0.00000
2043:	40	21	20	39	21	19	285127.67986	285127.76573	-0.08587	0.05000	0.00000
2044:	40	21	19	39	21	18	285127.70680	285127.76573	-0.05893	0.05000	0.00000
2045:	56	14	42	55	15	41	285171.80690	285171.75757	0.04933	0.05000	0.00000
2046:	50	21	29	50	20	30	285274.39180	285274.45199	-0.06019	0.05000	0.00000
2047:	38	10	28	37	10	27	285336.76990	285336.71760	0.05230	0.05000	0.00000
2048:	39	10	30	38	10	29	285389.76440	285389.82846	-0.06406	0.05000	0.00000
2049:	39	11	29	38	11	28	285390.57800	285390.59352	-0.01552	0.05000	0.00000
2050:	66	22	45	66	21	46	285391.93850	285391.91340	0.02510	0.05000	0.00000
2051:	53	13	40	52	14	39	285395.12860	285395.05602	0.07258	0.05000	0.00000
2052:	76	23	53	76	22	54	285415.37120	285415.31141	0.05979	0.05000	0.00000
2053:	40	20	21	39	20	20	285438.26610	285438.39745	-0.13135	0.05000	0.00000
2054:	40	20	20	39	20	19	285438.35600	285438.39745	-0.04145	0.05000	0.00000
2055:	72	12	60	72	11	61	285688.94980	285688.96147	-0.01167	0.05000	0.00000
2056:	72	13	60	72	12	61	285700.03880	285700.04726	-0.00846	0.05000	0.00000
2057:	40	8	33	39	7	32	285727.94930	285727.86011	0.08919	0.05000	0.00000
2058:	40	19	21	39	19	20	285799.51840	285799.57609	-0.05769	0.05000	0.00000
2059:	40	19	22	39	19	21	285799.69959	285799.57609	0.12350	0.05000	0.00000
2060:	49	21	29	49	20	30	285902.70620	285902.71805	-0.01185	0.05000	0.00000
2061:	58	5	53	58	4	54	286092.84310	286092.85776	-0.01466	0.05000	0.00000
2062:	58	5	53	58	5	54	286092.88094	286092.85775	0.02319	0.05000	0.00000
2063:	40	18	22	39	18	21	286224.41460	286224.44149	-0.02689	0.05000	0.00000
2064:	40	18	23	39	18	22	286224.47894	286224.44138	0.03756	0.05000	0.00000
2065:	48	21	27	48	20	28	286490.53740	286490.56208	-0.02468	0.05000	0.00000
2066:	40	17	23	39	17	22	286731.02320	286731.06671	-0.04351	0.05000	0.00000
2067:	40	17	24	39	17	23	286731.04181	286731.06431	-0.02251	0.05000	0.00000
2068:	53	3	51	53	2	52	286808.30900	286808.34841	-0.03941	0.05000	0.00000
2069:	65	22	44	65	21	45	286844.64690	286844.65106	-0.00416	0.05000	0.00000
2070:	70	11	59	70	10	60	287050.78790	287050.83144	-0.04354	0.05000	0.00000
2071:	60	6	54	60	6	55	287160.28815	287160.32463	-0.03648	0.05000	0.00000

2072:	60	6	54	60	5	55	287160.32090	287160.32467	-0.00377	0.05000	0.00000	287160.32519	-0.00429	0.5000
2073:	60	7	54	60	6	55	287160.32090	287160.32572	-0.00482	0.05000	0.00000	287160.32519	-0.00429	0.5000
2074:	40	16	24	39	16	23	287345.14910	287345.19399	-0.00489	0.05000	0.00000	287345.17179	-0.02269	0.5000
2075:	40	16	25	39	16	24	287345.14910	287345.14960	-0.00050	0.05000	0.00000	287345.17179	-0.02269	0.5000
2076:	82	16	66	82	15	67	287396.56730	287396.47258	0.09472	0.05000	0.00000			
2077:	46	21	26	46	20	27	287553.91621	287553.81690	0.09931	0.05000	0.00000	287553.81686	0.09935	0.5000
2078:	46	21	25	46	20	26	287553.91621	287553.81682	0.09938	0.05000	0.00000	287553.81686	0.09935	0.5000
2079:	77	14	63	77	13	64	287705.55690	287705.46754	0.08936	0.05000	0.00000			
2080:	75	23	52	75	22	53	287755.36264	287755.20984	0.15280	0.05000	0.00000			
2081:	90	20	71	90	19	72	287772.45819	287772.38626	0.07193	0.05000	0.00000			
2082:	77	15	63	77	14	64	287784.71389	287784.67225	0.04164	0.05000	0.00000			
2083:	62	7	55	62	7	56	287900.70281	287900.85402	-0.15121	0.05000	0.00000			
2084:	62	7	55	62	6	56	287900.84940	287900.85432	-0.00492	0.05000	0.00000	287900.85745	-0.00805	0.5000
2085:	62	8	55	62	7	56	287900.84940	287900.86058	-0.01118	0.05000	0.00000	287900.85745	-0.00805	0.5000
2086:	68	10	58	68	9	59	287904.25200	287904.32378	-0.07178	0.05000	0.00000			
2087:	68	11	58	68	10	59	287905.09050	287905.04207	0.04843	0.05000	0.00000			
2088:	45	21	25	45	20	26	288033.32762	288033.30435	0.02327	0.05000	0.00000	288033.30433	0.02328	0.5000
2089:	45	21	24	45	20	25	288033.32762	288033.30432	0.02330	0.05000	0.00000	288033.30433	0.02328	0.5000
2090:	39	11	28	38	11	27	288104.07100	288103.99951	0.07149	0.05000	0.00000			
2091:	64	8	56	64	7	57	288291.31010	288291.27133	0.03877	0.05000	0.00000			
2092:	66	10	57	66	9	58	288303.79550	288303.89757	-0.10207	0.05000	0.00000	288303.81646	-0.02096	0.5000
2093:	66	9	57	66	8	58	288303.79550	288303.73535	0.06015	0.05000	0.00000	288303.81646	-0.02096	0.5000
2094:	39	8	31	38	8	30	288386.26530	288386.26476	0.00054	0.05000	0.00000			
2095:	44	21	23	44	20	24	288480.56490	288480.55238	0.01252	0.05000	0.00000			
2096:	44	21	24	44	20	25	288480.66598	288480.55239	0.11359	0.05000	0.00000			
2097:	41	7	34	40	8	33	288509.35740	288509.34506	0.01234	0.05000	0.00000			
2098:	41	8	33	40	9	32	288563.87110	288563.87494	-0.00384	0.05000	0.00000			
2099:	43	21	22	43	20	23	288897.38590	288897.31886	0.06704	0.05000	0.00000			
2100:	40	9	32	39	9	31	289002.93190	289002.92840	0.00350	0.05000	0.00000			
2101:	38	9	29	37	9	28	289039.59650	289039.58660	0.00990	0.05000	0.00000			
2102:	43	5	38	42	6	37	289063.07960	289063.10625	-0.02665	0.05000	0.00000			
2103:	43	6	38	42	6	37	289064.94170	289064.96917	-0.02747	0.05000	0.00000			
2104:	43	5	38	42	5	37	289066.40710	289066.47113	-0.06403	0.05000	0.00000			
2105:	40	14	27	39	14	26	289067.31830	289067.36467	-0.04637	0.05000	0.00000			
2106:	43	6	38	42	5	37	289068.38050	289068.33405	0.04645	0.05000	0.00000			
2107:	40	14	26	39	14	25	289076.24120	289076.25530	-0.01410	0.05000	0.00000			
2108:	42	6	36	41	7	35	289088.62920	289088.56524	0.06396	0.05000	0.00000			
2109:	42	7	36	41	7	35	289138.01330	289137.96631	0.04699	0.05000	0.00000			
2110:	44	4	40	43	4	39	289165.07170	289165.16527	-0.09357	0.05000	0.00000			
2111:	42	6	36	41	6	35	289173.62050	289173.56353	0.05697	0.05000	0.00000			
2112:	42	7	36	41	6	35	289222.97910	289222.96460	0.01450	0.05000	0.00000			
2113:	42	21	21	42	20	22	289285.29080	289285.26657	0.02423	0.05000	0.00000			
2114:	45	3	42	44	3	41	289360.32330	289360.35798	-0.03468	0.05000	0.00000			
2115:	45	4	42	44	4	41	289360.37137	289360.35715	0.01421	0.05000	0.00000	289360.35671	0.01465	0.5000
2116:	45	3	42	44	4	41	289360.37137	289360.35627	0.01509	0.05000	0.00000	289360.35671	0.01465	0.5000
2117:	41	8	34	40	8	33	289399.92960	289399.96760	-0.03800	0.05000	0.00000			
2118:	63	22	41	63	21	42	289490.04660	289489.99198	0.05462	0.05000	0.00000			
2119:	63	22	42	63	21	43	289491.76780	289491.80349	-0.03569	0.05000	0.00000			
2120:	24	9	15	23	8	16	289560.91410	289560.90885	0.00525	0.05000	0.00000			

2121:	46	2	44	45	2	43	289605.78910	289605.79807	-0.00897	0.05000	0.00000	
2122:	46	2	44	45	3	43	289605.79321	289605.79805	-0.00484	0.05000	0.00000	
2123:	41	21	20	41	20	21	289645.95280	289645.97126	-0.01846	0.05000	0.00000	
2124:	47	2	46	46	1	45	289876.71490	289876.71280	0.00210	0.05000	0.00000	289876.71280
2125:	47	2	46	46	2	45	289876.71490	289876.71280	0.00210	0.05000	0.00000	289876.71280
2126:	47	1	46	46	1	45	289876.77190	289876.71280	0.05910	0.05000	0.00000	
2127:	41	7	34	40	7	33	289945.66790	289945.68666	-0.01876	0.05000	0.00000	
2128:	41	38	3	40	38	2	289947.73520	289947.69485	0.04035	0.05000	0.00000	
2129:	40	21	19	40	20	20	289980.95230	289980.92858	0.02372	0.05000	0.00000	
2130:	41	37	4	40	37	3	290022.03530	290021.97796	0.05734	0.05000	0.00000	
2131:	74	23	52	74	22	53	290032.16970	290032.16166	0.00804	0.05000	0.00000	
2132:	41	36	6	40	36	5	290099.99758	290099.93688	0.06070	0.05000	0.00000	290099.93688
2133:	41	36	5	40	36	4	290099.99758	290099.93688	0.06070	0.05000	0.00000	290099.93688
2134:	48	0	48	47	1	47	290158.76298	290158.74513	0.01785	0.05000	0.00000	
2135:	48	0	48	47	0	47	290158.79340	290158.74513	0.04827	0.05000	0.00000	
2136:	41	35	6	40	35	5	290182.11180	290182.07681	0.03499	0.05000	0.00000	
2137:	41	34	7	40	34	6	290268.93950	290268.97918	-0.03968	0.05000	0.00000	
2138:	41	34	8	40	34	7	290269.00548	290268.97918	0.02630	0.05000	0.00000	
2139:	52	1	51	52	1	52	290288.64796	290288.66868	-0.02072	0.05000	0.00000	290288.66868
2140:	52	1	51	52	0	52	290288.64796	290288.66868	-0.02072	0.05000	0.00000	-0.02072 0.5000
2141:	39	21	19	39	20	20	290291.43301	290291.56030	-0.12729	0.05000	0.00000	-0.02072 0.5000
2142:	39	21	18	39	20	19	290291.60240	290291.56030	0.04210	0.05000	0.00000	
2143:	40	13	28	39	13	27	290306.68140	290306.67864	0.00276	0.05000	0.00000	
2144:	41	33	8	40	33	7	290361.22860	290361.31618	-0.08758	0.05000	0.00000	
2145:	40	13	27	39	13	26	290398.86470	290398.87627	-0.01157	0.05000	0.00000	
2146:	57	4	53	57	3	54	290444.75230	290444.76859	-0.01629	0.05000	0.00000	
2147:	41	32	9	40	32	8	290459.82520	290459.86847	-0.04327	0.05000	0.00000	
2148:	41	31	10	40	31	9	290565.57000	290565.54720	0.02280	0.05000	0.00000	
2149:	38	21	17	38	20	18	290579.22300	290579.21980	0.00320	0.05000	0.00000	
2150:	41	30	11	40	30	10	290679.44100	290679.42158	0.01942	0.05000	0.00000	
2151:	62	22	40	62	21	41	290696.42310	290696.44577	-0.02267	0.05000	0.00000	
2152:	22	10	13	21	9	12	290905.14660	290905.10374	0.04286	0.05000	0.00000	
2153:	22	10	12	21	9	13	290914.30120	290914.28829	0.01291	0.05000	0.00000	
2154:	41	28	13	40	28	12	290937.06520	290937.04151	0.02369	0.05000	0.00000	
2155:	41	27	14	40	27	13	291084.09110	291084.07770	0.01340	0.05000	0.00000	
2156:	36	21	15	36	20	16	291090.79250	291090.72260	0.06990	0.05000	0.00000	
2157:	41	26	15	40	26	14	291245.98090	291246.02090	-0.04000	0.05000	0.00000	
2158:	80	15	65	80	14	66	291268.35660	291268.33974	0.01686	0.05000	0.00000	
2159:	41	25	16	40	25	15	291425.43450	291425.49355	-0.05905	0.05000	0.00000	
2160:	34	21	13	34	20	14	291525.08450	291525.06940	0.01510	0.05000	0.00000	
2161:	20	11	9	19	10	10	291588.56310	291588.51986	0.04324	0.05000	0.00000	
2162:	41	24	17	40	24	16	291625.70730	291625.71056	-0.00326	0.05000	0.00000	
2163:	41	24	18	40	24	17	291625.71887	291625.71056	0.00830	0.05000	0.00000	
2164:	33	21	12	33	20	13	291716.08460	291716.08925	-0.00465	0.05000	0.00000	
2165:	40	12	29	39	12	28	291805.57650	291805.58095	-0.00445	0.05000	0.00000	
2166:	59	5	54	59	5	55	291843.55857	291843.74671	-0.18814	0.05000	0.00000	-0.18814 0.5000
2167:	59	5	54	59	4	55	291843.55857	291843.74671	-0.18814	0.05000	0.00000	-0.18814 0.5000
2168:	41	23	18	40	23	17	291850.62410	291850.65421	-0.03011	0.05000	0.00000	
2169:	18	12	7	17	11	6	291909.33236	291909.24259	0.08977	0.05000	0.00000	0.08973 0.5000

2170:	18	12	6	17	11	7	291909.33236	291909.24267	0.08969	0.05000	0.00000	291909.24263	0.08973	0.5000
2171:	73	12	61	73	11	62	291924.95240	291924.93726	0.01514	0.05000	0.00000			
2172:	16	13	3	15	12	4	292095.82240	292095.76544	0.05696	0.05000	0.00000			
2173:	41	22	20	40	22	19	292105.29340	292105.31535	-0.02195	0.05000	0.00000			
2174:	30	21	9	30	20	10	292196.85915	292196.75878	0.10036	0.05000	0.00000	292196.75878	0.10036	0.5000
2175:	30	21	10	30	20	11	292196.85915	292196.75878	0.10036	0.05000	0.00000	292196.75878	0.10036	0.5000
2176:	14	14	0	13	13	1	292238.09343	292238.11675	-0.02331	0.05000	0.00000	292238.11675	-0.02331	0.5000
2177:	14	14	1	13	13	0	292238.09343	292238.11675	-0.02331	0.05000	0.00000	292238.11675	-0.02331	0.5000
2178:	29	21	8	29	20	9	292329.40334	292329.33406	0.06928	0.05000	0.00000	292329.33406	0.06928	0.5000
2179:	29	21	9	29	20	10	292329.40334	292329.33406	0.06928	0.05000	0.00000	292329.33406	0.06928	0.5000
2180:	41	21	20	40	21	19	292396.00340	292396.03391	-0.03051	0.05000	0.00000	292329.33406	0.06928	0.5000
2181:	26	8	18	25	7	19	292402.86091	292402.69868	0.16223	0.05000	0.00000			
2182:	40	10	31	39	10	30	292450.34220	292450.37151	-0.02931	0.05000	0.00000			
2183:	54	3	52	54	2	53	292506.05950	292506.03146	0.02804	0.05000	0.00000			
2184:	40	12	28	39	12	27	292540.43860	292540.47438	-0.03578	0.05000	0.00000			
2185:	27	21	7	27	20	8	292558.44759	292558.27290	0.17469	0.05000	0.00000	292558.27290	0.17469	0.5000
2186:	27	21	6	27	20	7	292558.44759	292558.27290	0.17469	0.05000	0.00000	292558.27290	0.17469	0.5000
2187:	41	20	21	40	20	20	292730.97940	292730.99123	-0.01183	0.05000	0.00000			
2188:	25	21	5	25	20	6	292744.37329	292744.29378	0.07951	0.05000	0.00000			
2189:	25	21	4	25	20	5	292744.37329	292744.29378	0.07951	0.05000	0.00000	292744.29378	0.07951	0.5000
2190:	24	21	4	24	20	5	292823.07821	292823.09506	-0.01685	0.05000	0.00000	292744.29378	0.07951	0.5000
2191:	24	21	3	24	20	4	292823.07821	292823.09506	-0.01685	0.05000	0.00000	292823.09506	-0.01685	0.5000
2192:	23	21	3	23	20	4	292893.37983	292893.36429	0.01554	0.05000	0.00000	292823.09506	-0.01685	0.5000
2193:	23	21	2	23	20	3	292893.37983	292893.36429	0.01554	0.05000	0.00000	292893.36429	0.01554	0.5000
2194:	60	22	38	60	21	39	292897.14310	292897.03686	0.10624	0.05000	0.00000	292897.16263	-0.01953	0.5000
2195:	60	22	39	60	21	40	292897.14310	292897.28840	-0.14530	0.05000	0.00000	292897.16263	-0.01953	0.5000
2196:	61	6	55	61	5	56	292943.12780	292943.12941	-0.00161	0.05000	0.00000			
2197:	40	11	30	39	11	29	293011.19100	293011.18901	0.00199	0.05000	0.00000			
2198:	41	19	22	40	19	21	293120.90840	293120.94446	-0.03606	0.05000	0.00000			
2199:	71	11	60	71	10	61	293165.47710	293165.54604	-0.06894	0.05000	0.00000			
2200:	40	8	32	39	8	31	293410.12510	293410.12921	-0.00411	0.05000	0.00000			
2201:	41	18	23	40	18	22	293580.31130	293580.36295	-0.05165	0.05000	0.00000			
2202:	41	18	24	40	18	23	293580.34455	293580.36268	-0.01814	0.05000	0.00000			
2203:	63	8	56	63	7	57	293724.53940	293724.56857	-0.02917	0.05000	0.00000			
2204:	59	22	37	59	21	38	293900.18010	293900.11936	0.06074	0.05000	0.00000	293900.18253	-0.00243	0.5000
2205:	59	22	38	59	21	39	293900.18010	293900.24571	-0.06561	0.05000	0.00000	293900.18253	-0.00243	0.5000
2206:	41	17	25	40	17	24	294129.24390	294129.26670	-0.02280	0.05000	0.00000	294129.26948	-0.02558	0.5000
2207:	41	17	24	40	17	23	294129.24390	294129.27226	-0.02836	0.05000	0.00000	294129.26948	-0.02558	0.5000
2208:	78	14	64	78	13	65	294230.79450	294230.83997	-0.04547	0.05000	0.00000			
2209:	67	9	58	67	8	59	294242.60590	294242.54718	0.05872	0.05000	0.00000	294242.59270	0.01320	0.5000
2210:	67	10	58	67	9	59	294242.60590	294242.63822	-0.03232	0.05000	0.00000	294242.59270	0.01320	0.5000
2211:	78	15	64	78	14	65	294279.40460	294279.39400	0.01060	0.05000	0.00000			
2212:	83	16	67	83	15	68	294395.09370	294395.01918	0.07452	0.05000	0.00000			
2213:	39	10	29	38	10	28	294461.85880	294461.84284	0.01596	0.05000	0.00000			
2214:	41	16	26	40	16	25	294796.39680	294796.36221	0.03459	0.05000	0.00000	294796.41043	-0.01363	0.5000
2215:	41	16	25	40	16	24	294796.39680	294796.45866	-0.06186	0.05000	0.00000	294796.41043	-0.01363	0.5000
2216:	58	22	37	58	21	38	294843.68970	294843.73020	-0.04050	0.05000	0.00000	294843.69896	-0.00926	0.5000
2217:	58	22	36	58	21	37	294843.68970	294843.66773	0.02197	0.05000	0.00000	294843.69896	-0.00926	0.5000
2218:	44	6	39	43	6	38	295020.43490	295020.45752	-0.02262	0.05000	0.00000			

2268:	41	13	29	40	13	28	298025.30345	298025.34244	-0.03899	0.05000	0.00000	298089.06859	0.13553	0.5000
2269:	54	22	33	54	21	34	298089.20412	298089.07016	0.13395	0.05000	0.00000	298089.06859	0.13553	0.5000
2270:	54	22	32	54	21	33	298089.20412	298089.06701	0.13711	0.05000	0.00000	298089.06859	-0.01650	0.5000
2271:	42	28	14	41	28	13	298109.40086	298109.41737	-0.01650	0.05000	0.00000	298109.41737	-0.01650	0.5000
2272:	42	28	15	41	28	14	298109.40086	298109.41737	-0.01650	0.05000	0.00000	298109.41737	-0.01650	0.5000
2273:	41	13	28	40	13	27	298188.25321	298188.29095	-0.03774	0.05000	0.00000	298188.29095	-0.07291	0.5000
2274:	42	27	16	41	27	15	298266.66182	298266.73473	-0.07291	0.05000	0.00000	298266.73473	-0.07291	0.5000
2275:	42	27	15	41	27	14	298266.66182	298266.73473	-0.07291	0.05000	0.00000	298266.73473	-0.01093	0.5000
2276:	42	26	16	41	26	15	298440.14017	298440.15110	-0.01093	0.05000	0.00000	298440.15110	-0.01093	0.5000
2277:	42	26	17	41	26	16	298440.14017	298440.15110	-0.01093	0.05000	0.00000	298440.15110	-0.01093	0.5000
2278:	41	8	33	40	8	32	298457.96487	298467.96524	-0.00038	0.05000	0.00000	298457.96487	0.03552	0.5000
2279:	21	11	10	20	10	11	298571.24728	298571.28300	-0.03572	0.05000	0.00000	298571.28300	0.03552	0.5000
2280:	21	11	11	20	10	10	298571.24728	298571.14051	0.10677	0.05000	0.00000	298571.21175	0.03552	0.5000
2281:	42	25	17	41	25	16	298632.47076	298632.50263	-0.03187	0.05000	0.00000	298632.50263	-0.03187	0.5000
2282:	42	25	18	41	25	17	298632.47076	298632.50263	-0.03187	0.05000	0.00000	298632.50263	-0.03187	0.5000
2283:	42	24	18	41	24	17	298847.25668	298847.27031	-0.01363	0.05000	0.00000	298847.27031	-0.01363	0.5000
2284:	42	24	19	41	24	18	298847.25668	298847.27031	-0.01363	0.05000	0.00000	298847.27031	-0.01363	0.5000
2285:	19	12	8	18	11	7	298954.26813	298954.20933	0.05880	0.05000	0.00000	298954.20949	0.05864	0.5000
2286:	19	12	7	18	11	8	298954.26813	298954.20965	0.05847	0.05000	0.00000	298954.20949	0.05864	0.5000
2287:	42	23	19	41	23	18	299088.72414	299088.77210	-0.04796	0.05000	0.00000	299088.77210	-0.04796	0.5000
2288:	42	23	20	41	23	19	299088.72414	299088.77210	-0.04796	0.05000	0.00000	299088.77210	-0.04796	0.5000
2289:	17	13	5	16	12	4	299165.87147	299165.86244	0.00904	0.05000	0.00000	299165.86244	0.00904	0.5000
2290:	17	13	4	16	12	5	299165.87147	299165.86244	0.00904	0.05000	0.00000	299165.86244	0.00904	0.5000
2291:	15	14	1	14	13	2	299316.13826	299316.07117	0.06710	0.05000	0.00000	299316.07117	0.06710	0.5000
2292:	15	14	2	14	13	1	299316.13826	299316.07117	0.06710	0.05000	0.00000	299316.07117	0.06710	0.5000
2293:	41	10	32	40	10	31	299337.29608	299337.37418	-0.07810	0.05000	0.00000	299337.37418	-0.07783	0.5000
2294:	42	22	21	41	22	20	299362.35144	299362.42926	-0.07783	0.05000	0.00000	299362.42926	-0.07783	0.5000
2295:	42	22	20	41	22	19	299362.35144	299362.42926	-0.07783	0.05000	0.00000	299362.42926	-0.07783	0.5000
2296:	52	22	31	52	21	32	299434.30717	299434.34286	-0.03569	0.05000	0.00000	299434.34254	-0.03537	0.5000
2297:	52	22	30	52	21	31	299434.30717	299434.34222	-0.03505	0.05000	0.00000	299434.34254	-0.03537	0.5000
2298:	41	12	30	40	12	29	299575.29368	299575.24415	0.04953	0.05000	0.00000	299575.24415	-0.07218	0.5000
2299:	42	21	22	41	21	21	299675.07174	299675.14392	-0.07218	0.05000	0.00000	299675.14392	-0.07218	0.5000
2300:	42	21	21	41	21	20	299675.07174	299675.14392	-0.07218	0.05000	0.00000	299675.14392	-0.07218	0.5000
2301:	42	20	22	41	20	21	300035.82967	300035.84861	-0.01895	0.05000	0.00000	300035.84861	-0.01895	0.5000
2302:	42	20	23	41	20	22	300035.82967	300035.84861	-0.01895	0.05000	0.00000	300035.84861	-0.01895	0.5000
2303:	42	19	24	41	19	23	300456.32784	300456.33214	-0.00430	0.05000	0.00000	300456.33215	-0.00431	0.5000
2304:	42	19	23	41	19	22	300456.32784	300456.33216	-0.00433	0.05000	0.00000	300456.33215	-0.00431	0.5000
2305:	41	11	31	40	11	30	300541.54974	300541.55912	-0.00939	0.05000	0.00000	300541.55912	-0.00939	0.5000
2306:	41	12	29	40	12	28	300763.20913	300763.16724	0.04189	0.05000	0.00000	300763.16724	-0.04453	0.5000
2307:	42	18	25	41	18	24	300952.48572	300952.52993	-0.04420	0.05000	0.00000	300952.53026	-0.04453	0.5000
2308:	42	18	24	41	18	23	300952.48572	300952.53058	-0.04486	0.05000	0.00000	300952.53026	-0.04453	0.5000
2309:	45	6	40	44	6	39	300977.72282	300977.47361	0.24921	0.05000	0.00000	300977.70552	0.01730	0.5000
2310:	45	5	40	44	5	39	300977.72282	300977.93743	-0.21461	0.05000	0.00000	300977.70552	0.01730	0.5000
2311:	44	7	38	43	7	37	301001.04599	301001.02457	0.02142	0.05000	0.00000	301001.02457	0.01730	0.5000
2312:	44	6	38	43	6	37	301013.17824	301013.20256	-0.02432	0.05000	0.00000	301013.20256	-0.04453	0.5000
2313:	46	5	42	45	5	41	301102.60898	301102.59702	0.01196	0.05000	0.00000	301102.60312	0.00585	0.2500
2314:	46	4	42	45	4	41	301102.60898	301102.60923	-0.00025	0.05000	0.00000	301102.60312	0.00585	0.2500
2315:	46	4	42	45	5	41	301102.60898	301102.58335	0.02563	0.05000	0.00000	301102.60312	0.00585	0.2500
2316:	46	5	42	45	4	41	301102.60898	301102.62290	-0.01392	0.05000	0.00000	301102.60312	0.00585	0.2500

2317:	43	8	36	42	8	35	301250.08697	301250.09410	-0.00712	0.05000	0.00000	301308.85327	-0.00141	0.2500
2318:	47	3	44	46	4	43	301308.85186	301308.85293	-0.00107	0.05000	0.00000	301308.85327	-0.00141	0.2500
2319:	47	4	44	46	4	43	301308.85186	301308.85316	-0.00130	0.05000	0.00000	301308.85327	-0.00141	0.2500
2320:	47	4	44	46	3	43	301308.85186	301308.85361	-0.00176	0.05000	0.00000	301308.85327	-0.00141	0.2500
2321:	47	3	44	46	3	43	301308.85186	301308.85338	-0.00152	0.05000	0.00000	301308.85327	-0.00141	0.2500
2322:	42	9	34	41	9	33	301370.63407	301370.64216	-0.00809	0.05000	0.00000			
2323:	43	7	36	42	7	35	301465.21682	301465.20492	0.01190	0.05000	0.00000			
2324:	42	17	25	41	17	24	301546.61936	301546.65075	-0.03139	0.05000	0.00000	301546.64448	-0.02511	0.5000
2325:	42	17	26	41	17	25	301546.61936	301546.63820	-0.01884	0.05000	0.00000	301546.64448	-0.02511	0.5000
2326:	48	2	46	47	3	45	301558.86282	301558.86846	-0.00564	0.05000	0.00000	301558.86846	-0.00564	0.2500
2327:	48	2	46	47	2	45	301558.86282	301558.86846	-0.00565	0.05000	0.00000	301558.86846	-0.00564	0.2500
2328:	48	3	46	47	2	45	301558.86282	301558.86846	-0.00565	0.05000	0.00000	301558.86846	-0.00564	0.2500
2329:	48	3	46	47	3	45	301558.86282	301558.86846	-0.00564	0.05000	0.00000	301558.86846	-0.00564	0.2500
2330:	54	1	53	54	1	54	301672.27268	301672.14285	0.12983	0.05000	0.00000	301672.14285	0.12983	0.5000
2331:	54	1	53	54	0	54	301672.27268	301672.14285	0.12983	0.05000	0.00000	301672.14285	0.12983	0.5000
2332:	49	2	48	48	2	47	301831.44913	301831.44708	0.00205	0.05000	0.00000	301831.44708	0.00205	0.2500
2333:	49	1	48	48	2	47	301831.44913	301831.44708	0.00205	0.05000	0.00000	301831.44708	0.00205	0.2500
2334:	49	2	48	48	1	47	301831.44913	301831.44708	0.00205	0.05000	0.00000	301831.44708	0.00205	0.2500
2335:	49	1	48	48	1	47	301831.44913	301831.44708	0.00205	0.05000	0.00000	301831.44708	0.00205	0.2500
2336:	50	0	50	49	1	49	302113.91986	302113.94096	-0.02111	0.05000	0.00000	302113.94096	-0.02111	0.5000
2337:	50	0	50	49	0	49	302113.91986	302113.94096	-0.02111	0.05000	0.00000	302113.94096	-0.02111	0.5000
2338:	42	16	27	41	16	26	302270.86482	302270.74859	0.11624	0.05000	0.00000	302270.85088	0.01395	0.5000
2339:	42	16	26	41	16	25	302270.86482	302270.95316	-0.08834	0.05000	0.00000	302270.85088	0.01395	0.5000
2340:	40	9	31	39	9	30	302694.43050	302694.38504	0.04546	0.05000	0.00000			
2341:	45	22	23	45	21	24	302992.65825	302992.68243	-0.02417	0.05000	0.00000	302992.68243	-0.02417	0.5000
2342:	45	22	24	45	21	25	302992.65825	302992.68243	-0.02417	0.05000	0.00000	302992.68243	-0.02417	0.5000
2343:	42	15	28	41	15	27	303172.99339	303172.98283	0.01056	0.05000	0.00000			
2344:	42	15	27	41	15	26	303175.74640	303175.78010	-0.03370	0.05000	0.00000			
2345:	61	5	56	61	5	57	303333.79269	303333.97443	-0.18174	0.05000	0.00000	303333.97443	-0.18174	0.5000
2346:	61	5	56	61	4	57	303333.79269	303333.97443	-0.18174	0.05000	0.00000	303333.97443	-0.18174	0.5000
2347:	40	10	30	39	10	29	303339.46354	303339.43354	0.03000	0.05000	0.00000			
2348:	44	22	22	44	21	23	303378.95620	303379.01011	-0.05391	0.05000	0.00000	303379.01011	-0.05391	0.5000
2349:	44	22	23	44	21	24	303378.95620	303379.01011	-0.05391	0.05000	0.00000	303379.01011	-0.05391	0.5000
2350:	42	8	34	41	8	33	303646.17799	303646.17838	-0.00039	0.05000	0.00000			
2351:	42	14	29	41	14	28	304323.14743	304323.15927	-0.01185	0.05000	0.00000			
2352:	42	14	28	41	14	27	304354.63005	304354.60555	0.02450	0.05000	0.00000			
2353:	43	35	8	42	35	7	304430.05261	304430.08841	-0.03580	0.05000	0.00000	304430.08841	-0.03580	0.5000
2354:	43	35	9	42	35	8	304430.05261	304430.08841	-0.03580	0.05000	0.00000	304430.08841	-0.03580	0.5000
2355:	43	34	9	42	34	8	304528.14798	304528.13006	0.01792	0.05000	0.00000	304528.13006	0.01792	0.5000
2356:	43	34	10	42	34	9	304528.14798	304528.13006	0.01792	0.05000	0.00000	304528.13006	0.01792	0.5000
2357:	43	33	11	42	33	10	304632.27438	304632.51859	-0.24421	0.05000	0.00000	304632.51859	-0.24421	0.5000
2358:	43	33	10	42	33	9	304632.27438	304632.51859	-0.24421	0.05000	0.00000	304632.51859	-0.24421	0.5000
2359:	40	22	18	40	21	19	304678.83133	304678.84258	-0.01125	0.05000	0.00000	304678.84258	-0.01125	0.5000
2360:	40	22	19	40	21	20	304678.83133	304678.84258	-0.01125	0.05000	0.00000	304678.84258	-0.01125	0.5000
2361:	43	32	12	42	32	11	304744.15407	304744.15828	-0.00421	0.05000	0.00000	304744.15828	-0.00421	0.5000
2362:	43	32	11	42	32	10	304744.15407	304744.15828	-0.00421	0.05000	0.00000	304744.15828	-0.00421	0.5000
2363:	43	31	13	42	31	12	304864.08595	304864.10531	-0.01937	0.05000	0.00000	304864.10531	-0.01937	0.5000
2364:	43	31	12	42	31	11	304864.08595	304864.10531	-0.01937	0.05000	0.00000	304864.10531	-0.01937	0.5000
2365:	39	22	17	39	21	18	304948.77684	304948.74060	0.03624	0.05000	0.00000	304948.74060	0.03624	0.5000

2366:	39	22	18	39	21	19	304948.77684	304948.74060	0.03624	0.05000	0.00000	304948.74060	0.03624	0.5000
2367:	43	30	14	42	30	13	304993.60192	304993.60004	0.00188	0.05000	0.00000	304993.60004	0.00188	0.5000
2368:	43	30	13	42	30	12	304993.60192	304993.60004	0.00188	0.05000	0.00000	304993.60004	0.00188	0.5000
2369:	43	29	14	42	29	13	305134.12743	305134.10775	0.01968	0.05000	0.00000	305134.10775	0.01968	0.5000
2370:	43	29	15	42	29	14	305134.12743	305134.10775	0.01968	0.05000	0.00000	305134.10775	0.01968	0.5000
2371:	43	28	15	42	28	14	305287.35747	305287.37062	-0.01315	0.05000	0.00000	305287.37062	-0.01315	0.5000
2372:	43	28	16	42	28	15	305287.35747	305287.37062	-0.01315	0.05000	0.00000	305287.37062	-0.01315	0.5000
2373:	43	27	17	42	27	16	305455.52383	305455.47467	0.04917	0.05000	0.00000	305455.47467	0.04917	0.5000
2374:	43	27	16	42	27	15	305455.52383	305455.47467	0.04917	0.05000	0.00000	305455.47467	0.04917	0.5000
2375:	43	26	18	42	26	17	305640.96806	305640.93705	0.03100	0.05000	0.00000	305640.93705	0.03100	0.5000
2376:	36	22	14	36	21	15	305644.56441	305644.51439	0.05002	0.05000	0.00000	305644.51439	0.05002	0.5000
2377:	36	22	15	36	21	16	305644.56441	305644.51439	0.05002	0.05000	0.00000	305644.51439	0.05002	0.5000
2378:	42	13	30	41	13	29	305778.55150	305778.54421	0.00729	0.05000	0.00000	305778.54421	0.00729	0.5000
2379:	42	13	25	42	25	17	305846.80529	305846.82144	-0.01616	0.05000	0.00000	305846.82144	-0.01616	0.5000
2380:	43	25	19	42	25	18	305846.80529	305846.82144	-0.01616	0.05000	0.00000	305846.82144	-0.01616	0.5000
2381:	20	12	8	19	11	9	305987.05669	305986.97670	0.07999	0.05000	0.00000	305986.97670	0.07999	0.5000
2382:	20	12	9	19	11	8	305987.05669	305986.97670	0.08119	0.05000	0.00000	305986.97670	0.08119	0.5000
2383:	34	22	13	34	21	14	306023.63416	306023.63766	-0.00351	0.05000	0.00000	306023.63766	-0.00351	0.5000
2384:	34	22	12	34	21	13	306023.63416	306023.63766	-0.00351	0.05000	0.00000	306023.63766	-0.00351	0.5000
2385:	42	10	33	41	10	32	306048.42649	306048.44698	-0.02049	0.05000	0.00000	306048.44698	-0.02049	0.5000
2386:	42	13	29	41	13	28	306059.78056	306059.73227	0.04829	0.05000	0.00000	306059.73227	0.04829	0.5000
2387:	43	24	19	42	24	18	306076.85705	306076.89278	-0.03573	0.05000	0.00000	306076.89278	-0.03573	0.5000
2388:	43	24	20	42	24	19	306076.85705	306076.89278	-0.03573	0.05000	0.00000	306076.89278	-0.03573	0.5000
2389:	41	11	30	40	11	29	306126.04571	306126.05626	-0.01055	0.05000	0.00000	306126.05626	-0.01055	0.5000
2390:	18	13	5	17	12	6	306230.70254	306230.66885	0.03369	0.05000	0.00000	306230.66885	0.03369	0.5000
2391:	18	13	6	17	12	5	306230.70254	306230.66885	0.03369	0.05000	0.00000	306230.66885	0.03369	0.5000
2392:	43	23	20	42	23	19	306335.83060	306335.82844	0.00216	0.05000	0.00000	306335.82844	0.00216	0.5000
2393:	43	23	21	42	23	20	306335.83060	306335.82844	0.00216	0.05000	0.00000	306335.82844	0.00216	0.5000
2394:	16	14	2	15	13	3	306392.44426	306392.40743	0.03684	0.05000	0.00000	306392.40743	0.03684	0.5000
2395:	16	14	3	15	13	2	306392.44426	306392.40743	0.03684	0.05000	0.00000	306392.40743	0.03684	0.5000
2396:	30	22	8	30	21	9	306611.67312	306611.67218	0.00094	0.05000	0.00000	306611.67218	0.00094	0.5000
2397:	30	22	9	30	21	10	306611.67312	306611.67218	0.00094	0.05000	0.00000	306611.67218	0.00094	0.5000
2398:	43	22	22	42	22	21	306629.51543	306629.51230	0.00313	0.05000	0.00000	306629.51230	0.00313	0.5000
2399:	43	22	21	42	22	20	306629.51543	306629.51230	0.00313	0.05000	0.00000	306629.51230	0.00313	0.5000
2400:	46	6	41	45	6	40	306935.86007	306935.79420	0.06587	0.05000	0.00000	306935.79420	-0.06192	0.5000
2401:	46	5	41	45	5	40	306935.86007	306936.04977	-0.18971	0.05000	0.00000	306936.04977	-0.06192	0.5000
2402:	45	6	39	44	6	38	306943.93997	306944.03497	-0.09501	0.05000	0.00000	306944.03497	-0.09501	0.5000
2403:	43	21	22	42	21	21	306965.44457	306965.45369	-0.00912	0.05000	0.00000	306965.45369	-0.00912	0.5000
2404:	43	21	23	42	21	22	306965.44457	306965.45369	-0.00912	0.05000	0.00000	306965.45369	-0.00912	0.5000
2405:	47	4	43	46	5	42	307071.66165	307071.65633	0.00532	0.05000	0.00000	307071.65633	-0.00619	0.3333
2406:	47	4	43	46	4	42	307071.66165	307071.67000	-0.00834	0.05000	0.00000	307071.66784	-0.00619	0.3333
2407:	47	5	43	46	4	42	307071.66165	307071.67719	-0.01553	0.05000	0.00000	307071.66784	-0.00619	0.3333
2408:	44	8	37	43	8	36	307161.62937	307161.63072	-0.00136	0.05000	0.00000	307161.63072	-0.00136	0.5000
2409:	48	3	45	47	3	44	307282.73107	307282.73389	-0.00282	0.05000	0.00000	307282.73389	-0.00276	0.2500
2410:	48	4	45	47	4	44	307282.73107	307282.73378	-0.00271	0.05000	0.00000	307282.73389	-0.00276	0.2500
2411:	48	3	45	47	4	44	307282.73107	307282.73366	-0.00259	0.05000	0.00000	307282.73389	-0.00276	0.2500
2412:	48	4	45	47	3	44	307282.73107	307282.73401	-0.00294	0.05000	0.00000	307282.73389	-0.00276	0.2500
2413:	44	7	37	43	7	36	307293.89555	307293.90837	-0.01283	0.05000	0.00000	307293.90837	-0.01283	0.5000
2414:	42	12	31	41	12	30	307334.18661	307334.21307	-0.02646	0.05000	0.00000	307334.21307	-0.02646	0.5000

2415:	43	20	24	42	20	23	307353.37156	307353.40140	-0.02984	0.05000	0.00000	307353.40140	-0.02985	0.5000
2416:	43	20	23	42	20	22	307353.37156	307353.40140	-0.02985	0.05000	0.00000	307353.40140	-0.02985	0.5000
2417:	55	1	54	55	0	55	307362.81891	307362.82986	-0.01094	0.05000	0.00000	307362.82986	-0.01094	0.5000
2418:	55	1	54	55	1	55	307362.81891	307362.82986	-0.01094	0.05000	0.00000	307362.82986	-0.01094	0.5000
2419:	43	9	35	42	9	34	307418.79533	307418.80696	-0.01163	0.05000	0.00000			
2420:	49	3	47	48	2	46	307534.80874	307534.78279	0.02595	0.05000	0.00000	307534.78279	0.02595	0.2500
2421:	49	2	47	48	3	46	307534.80874	307534.78279	0.02595	0.05000	0.00000	307534.78279	0.02595	0.2500
2422:	49	2	47	48	2	46	307534.80874	307534.78279	0.02595	0.05000	0.00000	307534.78279	0.02595	0.2500
2423:	49	3	47	48	3	46	307534.80874	307534.78279	0.02595	0.05000	0.00000	307534.78279	0.02595	0.2500
2424:	43	19	25	42	19	24	307806.22810	307806.27386	-0.04576	0.05000	0.00000	307806.27390	-0.04580	0.5000
2425:	43	19	24	42	19	23	307806.22810	307806.27393	-0.04583	0.05000	0.00000	307806.27390	-0.04580	0.5000
2426:	50	1	49	49	2	48	307808.13506	307808.11366	0.02141	0.05000	0.00000	307808.11366	0.02141	0.2500
2427:	50	2	49	49	2	48	307808.13506	307808.11366	0.02141	0.05000	0.00000	307808.11366	0.02141	0.2500
2428:	50	2	49	49	1	48	307808.13506	307808.11366	0.02141	0.05000	0.00000	307808.11366	0.02141	0.2500
2429:	50	1	49	49	1	48	307808.13506	307808.11366	0.02141	0.05000	0.00000	307808.11366	0.02141	0.2500
2430:	42	11	32	41	11	31	307952.83770	307952.84378	-0.00608	0.05000	0.00000			
2431:	51	0	51	50	0	50	308090.81740	308090.82102	-0.00362	0.05000	0.00000			
2432:	51	0	51	50	1	50	308090.82456	308090.82102	0.00354	0.05000	0.00000			
2433:	43	18	26	42	18	25	308341.57509	308341.62783	-0.05275	0.05000	0.00000			
2434:	43	18	25	42	18	24	308341.60670	308341.62937	-0.02267	0.05000	0.00000			
2435:	41	9	32	40	9	31	308602.92455	308602.92525	-0.00070	0.05000	0.00000			
2436:	43	8	35	42	8	34	308973.19040	308973.17500	0.01540	0.05000	0.00000			
2437:	43	17	27	42	17	26	308984.09320	308984.09372	-0.00052	0.05000	0.00000	308984.10755	-0.01435	0.5000
2438:	43	17	26	42	17	25	308984.09320	308984.12139	-0.02819	0.05000	0.00000	308984.10755	-0.01435	0.5000
2439:	62	5	57	62	4	58	309073.63949	309073.68367	-0.04418	0.05000	0.00000	309073.68367	-0.04418	0.5000
2440:	62	5	57	62	5	58	309073.63949	309073.68367	-0.04418	0.05000	0.00000	309073.68367	-0.04418	0.5000
2441:	42	12	30	41	12	29	309196.98860	309197.00112	-0.01252	0.05000	0.00000			
2442:	46	10	36	45	11	35	309338.86720	309338.85609	0.11111	0.05000	0.00000			
2443:	57	2	55	57	1	56	309592.75100	309592.77740	-0.02640	0.05000	0.00000			
2444:	43	16	28	42	16	27	309769.82820	309769.58639	0.24181	0.05000	0.00000	309769.79839	0.02981	0.5000
2445:	43	16	27	42	16	26	309769.82820	309770.01039	-0.18219	0.05000	0.00000	309769.79839	0.02981	0.5000
2446:	64	6	58	64	5	59	310259.11810	310259.12135	-0.00325	0.05000	0.00000			
2447:	35	9	27	34	8	26	310333.16670	310333.27814	-0.11144	0.05000	0.00000			
2448:	76	13	64	76	12	65	310438.38830	310438.37654	0.01176	0.05000	0.00000			
2449:	28	9	20	27	8	19	310569.30300	310569.25387	0.04913	0.05000	0.00000			
2450:	43	15	29	42	15	28	310752.06780	310752.06417	0.00363	0.05000	0.00000			
2451:	43	15	28	42	15	27	310757.50170	310757.50515	-0.00345	0.05000	0.00000			
2452:	58	23	36	58	22	37	310797.11970	310797.16734	-0.04764	0.05000	0.00000			
2453:	44	43	1	43	43	0	310893.13170	310892.96808	0.16362	0.05000	0.00000			
2454:	44	42	2	43	42	1	310964.89340	310964.71393	0.17947	0.05000	0.00000			
2455:	44	41	3	43	41	2	311039.11170	311038.97112	0.14058	0.05000	0.00000			
2456:	83	15	68	83	14	69	311100.09650	311100.08911	0.00739	0.05000	0.00000			
2457:	44	40	4	43	40	3	311116.18220	311116.06732	0.11488	0.05000	0.00000			
2458:	83	16	68	83	15	69	311136.74510	311136.71580	0.02930	0.05000	0.00000			
2459:	66	7	59	66	6	60	311150.69910	311150.65630	0.04280	0.05000	0.00000			
2460:	25	10	16	24	9	15	311188.70360	311188.66783	0.03577	0.05000	0.00000			
2461:	44	39	5	43	39	4	311196.39980	311196.37302	0.02678	0.05000	0.00000			
2462:	44	38	6	43	38	5	311280.41290	311280.30844	0.10446	0.05000	0.00000			
2463:	25	10	15	24	9	16	311291.49810	311291.36739	0.13071	0.05000	0.00000			

2464:	44	37	7	43	37	6	311368.41610	311368.35195	0.06415	0.05000	0.00000	
2465:	44	36	8	43	36	7	311461.08300	311461.05010	0.03290	0.05000	0.00000	
2466:	57	23	35	57	22	36	311555.50860	311555.50143	0.00717	0.05000	0.00000	
2467:	44	35	9	43	35	8	311559.12220	311559.02979	0.09241	0.05000	0.00000	
2468:	59	3	56	59	2	57	311583.86740	311583.93448	-0.06708	0.05000	0.00000	
2469:	44	8	36	43	9	35	311594.79130	311594.83672	-0.04542	0.05000	0.00000	
2470:	44	34	10	43	34	9	311663.06380	311663.01310	0.05070	0.05000	0.00000	
2471:	68	8	60	68	7	61	311730.28060	311730.23481	0.04579	0.05000	0.00000	
2472:	44	33	11	43	33	10	311773.84670	311773.83542	0.01128	0.05000	0.00000	
2473:	41	10	31	40	10	30	311785.10880	311785.13082	-0.02202	0.05000	0.00000	
2474:	43	9	35	42	8	34	311819.08300	311819.16029	-0.07729	0.05000	0.00000	
2475:	72	10	62	72	9	63	311864.59790	311864.54638	0.05152	0.05000	0.00000	311864.58374
2476:	72	11	62	72	10	63	311864.59790	311864.62109	-0.02319	0.05000	0.00000	0.01416 0.5000
2477:	44	32	12	43	32	11	311892.45980	311892.46787	-0.00807	0.05000	0.00000	311864.58374
2478:	70	9	61	70	8	62	311976.59160	311976.61062	-0.01902	0.05000	0.00000	0.01416 0.5000
2479:	43	14	30	42	14	29	312005.96760	312005.88135	0.08625	0.05000	0.00000	
2480:	44	31	13	43	31	12	312020.07250	312020.04515	0.02735	0.05000	0.00000	
2481:	43	14	29	42	14	28	312063.07440	312063.06202	0.01238	0.05000	0.00000	
2482:	44	30	14	43	30	13	312157.87760	312157.90044	-0.02284	0.05000	0.00000	
2483:	44	29	15	43	29	14	312307.60220	312307.60949	-0.00729	0.05000	0.00000	
2484:	23	11	13	22	10	12	312455.09690	312455.00471	0.09219	0.05000	0.00000	
2485:	44	28	16	43	28	15	312471.03060	312471.04702	-0.01642	0.05000	0.00000	
2486:	43	10	34	42	10	33	312589.90080	312589.88680	0.01400	0.05000	0.00000	
2487:	44	27	17	43	27	16	312650.39290	312650.45942	-0.06652	0.05000	0.00000	
2488:	44	26	18	43	26	17	312848.50500	312848.55985	-0.05485	0.05000	0.00000	
2489:	46	6	40	45	7	39	312870.68910	312870.67603	0.01307	0.05000	0.00000	
2490:	46	7	40	45	7	39	312875.95640	312875.91834	0.03806	0.05000	0.00000	
2491:	46	6	40	45	6	39	312879.98810	312879.95216	0.03594	0.05000	0.00000	
2492:	46	7	40	45	6	39	312885.17290	312885.19447	-0.02157	0.05000	0.00000	
2493:	47	5	42	46	5	41	312895.25430	312895.35364	-0.09934	0.05000	0.00000	-0.02929 0.5000
2494:	47	6	42	46	6	41	312895.25430	312895.21354	0.04076	0.05000	0.00000	-0.02929 0.5000
2495:	45	7	38	44	8	37	312953.66420	312953.69178	-0.02758	0.05000	0.00000	
2496:	21	12	9	20	11	10	313005.13900	313005.15582	-0.01682	0.05000	0.00000	
2497:	48	4	44	47	4	43	313040.84840	313040.83996	0.00844	0.05000	0.00000	
2498:	44	25	19	43	25	18	313068.60020	313068.65417	-0.05397	0.05000	0.00000	
2499:	45	8	38	44	8	37	313071.32750	313071.31601	0.01149	0.05000	0.00000	
2500:	45	7	38	44	7	37	313151.64310	313151.70649	-0.06339	0.05000	0.00000	
2501:	34	9	26	33	8	25	313154.31160	313154.38427	-0.07267	0.05000	0.00000	
2502:	49	3	46	48	3	45	313256.33490	313256.32582	0.00908	0.05000	0.00000	
2503:	45	8	38	44	7	37	313269.34530	313269.33072	0.01458	0.05000	0.00000	
2504:	19	13	7	18	12	6	313288.86780	313288.74938	0.11842	0.05000	0.00000	
2505:	44	24	20	43	24	19	313314.78330	313314.81042	-0.02712	0.05000	0.00000	
2506:	44	24	21	43	24	20	313314.80419	313314.81042	-0.00623	0.05000	0.00000	
2507:	61	4	57	61	3	58	313326.57410	313326.68264	-0.10854	0.05000	0.00000	
2508:	44	9	36	43	9	35	313405.90040	313405.89521	0.00519	0.05000	0.00000	
2509:	17	14	4	16	13	3	313466.27920	313466.25466	0.02454	0.05000	0.00000	
2510:	50	2	48	49	2	47	313510.25240	313510.26233	-0.00993	0.05000	0.00000	
2511:	43	13	31	42	13	30	313561.11440	313561.11585	-0.00145	0.05000	0.00000	
2512:	44	23	21	43	23	20	313592.03480	313592.09095	-0.05615	0.05000	0.00000	

2513:	15	15	1	14	14	0	313607.04499	313607.01629	0.02869	0.05000	0.00000	313607.01629	0.02869	0.5000
2514:	15	15	0	14	14	1	313607.04499	313607.01629	0.02869	0.05000	0.00000	313607.01629	0.02869	0.5000
2515:	51	2	50	50	2	49	313784.39047	313784.29891	0.09156	0.05000	0.00000	313784.29891	0.09156	0.2500
2516:	51	1	50	50	1	49	313784.39047	313784.29891	0.09156	0.05000	0.00000	313784.29891	0.09156	0.2500
2517:	51	2	50	50	1	49	313784.39047	313784.29891	0.09156	0.05000	0.00000	313784.29891	0.09156	0.2500
2518:	51	1	50	50	2	49	313784.39047	313784.29891	0.09156	0.05000	0.00000	313784.29891	0.09156	0.2500
2519:	44	22	22	43	22	21	313906.76846	313906.87721	-0.10875	0.05000	0.00000	313906.87721	-0.10875	0.5000
2520:	44	22	23	43	22	22	313906.76846	313906.87721	-0.10875	0.05000	0.00000	313906.87721	-0.10875	0.5000
2521:	42	9	33	41	9	32	314011.84566	314011.84245	0.00320	0.05000	0.00000			
2522:	43	13	30	42	13	29	314034.73994	314034.72900	0.01093	0.05000	0.00000			
2523:	52	0	52	51	1	51	314067.12834	314067.20958	-0.08124	0.05000	0.00000	314067.20958	-0.08124	0.5000
2524:	52	0	52	51	0	51	314067.12834	314067.20958	-0.08124	0.05000	0.00000	314067.20958	-0.08124	0.5000
2525:	53	23	31	53	22	32	314176.28021	314176.29929	-0.01908	0.05000	0.00000	314176.29925	-0.01904	0.5000
2526:	53	23	30	53	22	31	314176.28021	314176.29921	-0.01900	0.05000	0.00000	314176.29925	-0.01904	0.5000
2527:	44	21	24	43	21	23	314267.33185	314267.33508	-0.00323	0.05000	0.00000	314267.33508	-0.00323	0.5000
2528:	44	21	23	43	21	22	314267.33185	314267.33508	-0.00323	0.05000	0.00000	314267.33508	-0.00323	0.5000
2529:	44	8	36	43	8	35	314440.82187	314440.82201	-0.00013	0.05000	0.00000			
2530:	44	20	24	43	20	23	314684.07939	314684.10155	-0.02216	0.05000	0.00000	314684.10155	-0.02216	0.5000
2531:	44	20	25	43	20	24	314684.07939	314684.10154	-0.02215	0.05000	0.00000	314684.10155	-0.02216	0.5000
2532:	63	5	58	63	5	59	314810.04531	314810.00953	0.03578	0.05000	0.00000	314810.00953	0.03578	0.5000
2533:	63	5	58	63	4	59	314810.04531	314810.00953	0.03578	0.05000	0.00000			
2534:	43	12	32	42	12	31	315059.37598	315059.37831	-0.00233	0.05000	0.00000			
2535:	44	19	26	43	19	25	315171.31459	315171.33443	-0.01984	0.05000	0.00000	315171.33452	-0.01993	0.5000
2536:	44	19	25	43	19	24	315171.31459	315171.33461	-0.02002	0.05000	0.00000	315171.33452	-0.01993	0.5000
2537:	43	11	33	42	11	32	315219.32191	315219.33553	-0.01362	0.05000	0.00000			
2538:	42	11	31	41	11	30	315405.57344	315405.56264	0.01080	0.05000	0.00000			
2539:	44	18	26	43	18	25	315748.36815	315748.39142	-0.02327	0.05000	0.00000	315748.38967	-0.02152	0.5000
2540:	44	18	27	43	18	26	315748.36815	315748.38791	-0.01977	0.05000	0.00000	315748.38967	-0.02152	0.5000
2541:	50	23	27	50	22	28	315764.65380	315764.69765	-0.04385	0.05000	0.00000	315764.69765	-0.04385	0.5000
2542:	50	23	28	50	22	29	315764.65380	315764.69765	-0.04386	0.05000	0.00000	315764.69765	-0.04385	0.5000
2543:	49	23	26	49	22	27	316231.62046	316231.63748	-0.01702	0.05000	0.00000	316231.63748	-0.01702	0.5000
2544:	49	23	27	49	22	28	316231.62046	316231.63748	-0.01702	0.05000	0.00000	316231.63748	-0.01702	0.5000
2545:	44	9	36	43	8	35	316251.87951	316251.88050	-0.00099	0.05000	0.00000			
2546:	44	17	28	43	17	27	316442.64170	316442.62369	0.01801	0.05000	0.00000	316442.65349	-0.01179	0.5000
2547:	44	17	27	43	17	26	316442.64170	316442.68328	-0.04158	0.05000	0.00000	316442.65349	-0.01179	0.5000
2548:	48	23	25	48	22	26	316669.82381	316669.87950	-0.05569	0.05000	0.00000	316669.87950	-0.05569	0.5000
2549:	48	23	26	48	22	27	316669.82381	316669.87950	-0.05569	0.05000	0.00000	316669.87950	-0.05569	0.5000
2550:	44	16	28	43	16	27	317294.84241	317295.12791	-0.28550	0.05000	0.00000			
2551:	84	16	69	84	15	70	317604.38010	317604.25182	0.12828	0.05000	0.00000			
2552:	43	12	31	42	12	30	317884.22301	317884.08680	0.13621	0.10000	0.00000			
2553:	44	15	30	43	15	29	318363.55330	318363.51061	0.04269	0.10000	0.00000			
2554:	44	15	29	43	15	28	318373.84332	318373.86698	-0.02367	0.10000	0.00000			
2555:	45	36	10	44	36	9	318587.68516	318587.64576	0.03940	0.10000	0.00000	318587.64576	0.03940	0.5000
2556:	45	36	9	44	36	8	318587.68516	318587.64576	0.03940	0.10000	0.00000	318587.64576	0.03940	0.5000
2557:	45	35	10	44	35	9	318691.36943	318691.36692	0.00251	0.10000	0.00000	318691.36692	0.00251	0.5000
2558:	45	35	11	44	35	10	318691.36943	318691.36692	0.00251	0.10000	0.00000	318691.36692	0.00251	0.5000
2559:	57	1	56	57	0	57	318742.11173	318742.08798	0.02374	0.10000	0.00000	318742.08798	0.02374	0.5000
2560:	57	1	56	57	1	57	318742.11173	318742.08798	0.02374	0.10000	0.00000	318742.08798	0.02374	0.5000
2561:	47	6	41	46	7	40	318814.92806	318814.62046	0.30759	0.10000	0.00000			

2611:	45	25	21	44	25	20	320298.15918	320298.20937	-0.05019	0.10000	0.00000	320298.20937	-0.05019	0.5000
2612:	45	25	20	44	25	19	320298.15918	320298.20937	-0.05019	0.10000	0.00000	320298.20937	-0.05019	0.5000
2613:	20	13	7	19	12	8	320338.50340	320338.52436	-0.02096	0.10000	0.00000	320338.52435	-0.02095	0.5000
2614:	20	13	8	19	12	7	320338.50340	320338.52434	-0.02094	0.10000	0.00000	320338.52435	-0.02095	0.5000
2615:	18	14	5	17	13	4	320536.72968	320536.64010	0.08958	0.10000	0.00000	320536.64010	0.08958	0.5000
2616:	18	14	4	17	13	5	320536.72968	320536.64010	0.08958	0.10000	0.00000	320536.64010	0.08958	0.5000
2617:	64	5	59	64	4	60	320543.02152	320543.09888	-0.07736	0.10000	0.00000	320543.09888	-0.07736	0.5000
2618:	64	5	59	64	5	60	320543.02152	320543.09888	-0.07736	0.10000	0.00000	320543.09888	-0.07736	0.5000
2619:	45	24	21	44	24	20	320561.23729	320561.26149	-0.02420	0.10000	0.00000	320561.26149	-0.02420	0.5000
2620:	45	24	22	44	24	21	320561.23729	320561.26149	-0.02420	0.10000	0.00000	320561.26149	-0.02420	0.5000
2621:	16	15	1	15	14	2	320684.21499	320684.12771	0.08728	0.10000	0.00000	320684.12771	0.08728	0.5000
2622:	16	15	2	15	14	1	320684.21499	320684.12771	0.08728	0.10000	0.00000	320684.12771	0.08728	0.5000
2623:	32	23	10	32	22	11	320764.30760	320764.27705	0.03055	0.10000	0.00000	320764.27705	0.03055	0.5000
2624:	32	23	9	32	22	10	320764.30760	320764.27705	0.03055	0.10000	0.00000	320764.27705	0.03055	0.5000
2625:	45	23	23	44	23	22	320857.80799	320857.83524	-0.02726	0.10000	0.00000	320857.83524	-0.02726	0.5000
2626:	45	23	22	44	23	21	320857.80799	320857.83524	-0.02726	0.10000	0.00000	320857.83524	-0.02726	0.5000
2627:	31	23	9	31	22	10	320888.02560	320888.07498	-0.04937	0.10000	0.00000	320888.07498	-0.04937	0.5000
2628:	31	23	8	31	22	9	320888.02560	320888.07498	-0.04937	0.10000	0.00000	320888.07498	-0.04937	0.5000
2629:	29	23	6	29	22	7	321104.33620	321104.28408	0.05212	0.10000	0.00000	321104.28408	0.05212	0.5000
2630:	29	23	7	29	22	8	321104.33620	321104.28408	0.05212	0.10000	0.00000	321104.28408	0.05212	0.5000
2631:	45	22	23	44	22	22	321194.82789	321194.84770	-0.01981	0.10000	0.00000	321194.84770	-0.01981	0.5000
2632:	45	22	24	44	22	23	321194.82789	321194.84770	-0.01981	0.10000	0.00000	321194.84770	-0.01981	0.5000
2633:	44	13	32	43	13	31	321364.28826	321364.29115	-0.00290	0.10000	0.00000	321364.29115	-0.00290	0.5000
2634:	45	21	24	43	21	23	321581.15763	321581.17538	-0.01775	0.10000	0.00000	321581.17538	-0.01775	0.5000
2635:	45	21	25	44	21	24	321581.15763	321581.17538	-0.01775	0.10000	0.00000	321581.17538	-0.01775	0.5000
2636:	45	20	25	44	20	24	322028.40743	322028.42344	-0.01601	0.10000	0.00000	322028.42343	-0.01600	0.5000
2637:	45	20	26	44	20	25	322028.40743	322028.42342	-0.01599	0.10000	0.00000	322028.42343	-0.01600	0.5000
2638:	44	13	31	43	13	30	322142.35083	322142.34357	0.00726	0.10000	0.00000	322142.34357	0.00726	0.5000
2639:	44	11	34	43	11	33	322321.19539	322321.03406	0.16133	0.10000	0.00000	322321.03406	0.16133	0.5000
2640:	45	19	27	44	19	26	322552.09533	322552.11242	-0.01709	0.10000	0.00000	322552.11263	-0.01730	0.5000
2641:	45	19	26	44	19	25	322552.09533	322552.11284	-0.01751	0.10000	0.00000	322552.11263	-0.01730	0.5000
2642:	44	12	33	43	12	32	322723.64458	322723.64920	-0.00462	0.10000	0.00000	322723.64920	-0.00462	0.5000
2643:	45	18	27	44	18	26	323173.58431	323173.60253	-0.01822	0.10000	0.00000	323173.60253	-0.01822	0.5000
2644:	45	17	29	44	17	28	323923.36227	323923.30407	0.05820	0.10000	0.00000	323923.30407	0.05820	0.5000
2645:	44	9	35	43	9	34	324014.39314	324014.41489	-0.02174	0.10000	0.00000	324014.41489	-0.02174	0.5000
2646:	27	10	18	26	9	17	324216.70253	324216.70102	0.00151	0.10000	0.00000	324216.70102	0.00151	0.5000
2647:	61	24	38	61	23	39	324225.73706	324225.66696	0.07009	0.10000	0.00000	324225.66696	0.07135	0.5000
2648:	61	24	37	61	23	38	324225.73706	324225.66444	0.07261	0.10000	0.00000	324225.66570	0.07135	0.5000
2649:	43	11	32	42	11	31	324660.05802	324659.99202	0.06600	0.10000	0.00000	324659.99202	0.06600	0.5000
2650:	48	6	42	47	7	41	324759.83694	324760.02292	-0.18598	0.10000	0.00000	324760.02292	-0.18598	0.5000
2651:	48	7	42	47	7	41	324761.56284	324761.66851	-0.10567	0.10000	0.00000	324761.66851	-0.10567	0.5000
2652:	48	6	42	47	6	41	324763.04873	324762.96817	0.08056	0.10000	0.00000	324762.96817	0.08056	0.5000
2653:	48	7	42	47	6	41	324764.74479	324764.61376	0.13103	0.10000	0.00000	324764.61376	0.13103	0.5000
2654:	49	5	44	48	6	43	324816.65437	324816.57875	0.07562	0.10000	0.00000	324816.57875	0.07562	0.5000
2655:	45	16	30	44	16	29	324846.25182	324846.30862	-0.05681	0.10000	0.00000	324846.30862	-0.05681	0.5000
2656:	45	16	29	44	16	28	324848.06760	324848.01390	0.05370	0.10000	0.00000	324848.01390	0.05370	0.5000
2657:	47	7	40	46	8	39	324855.14527	324855.10879	0.03648	0.10000	0.00000	324855.10879	0.03648	0.5000
2658:	47	8	40	46	8	39	324895.59666	324895.59846	-0.00180	0.10000	0.00000	324895.59846	-0.00180	0.5000
2659:	47	7	40	46	7	39	324924.50443	324924.39070	0.11373	0.10000	0.00000	324924.39070	0.11373	0.5000

2660:	50	4	46	49	5	45	324979.21197	324979.21862	-0.00664	0.10000	0.00000	324979.21913	-0.00716	0.5000
2661:	50	5	46	49	5	45	324979.21197	324979.21964	-0.00767	0.10000	0.00000	324979.21913	-0.00716	0.5000
2662:	51	3	48	50	3	47	325202.53090	325202.52898	0.00192	0.10000	0.00000	325202.52896	0.00193	0.5000
2663:	51	3	48	50	4	47	325202.53090	325202.52895	0.00195	0.10000	0.00000	325202.52896	0.00193	0.5000
2664:	45	10	36	44	10	35	325225.17119	325225.17569	-0.00450	0.10000	0.00000			
2665:	46	9	38	45	9	37	325267.68274	325267.87842	-0.19568	0.10000	0.00000			
2666:	46	40	7	45	40	6	325333.46414	325333.04072	0.42343	0.10000	0.00000	325333.04072	0.42343	0.5000
2667:	46	40	6	45	40	5	325333.46414	325333.04072	0.42343	0.10000	0.00000	325333.04072	0.42343	0.5000
2668:	52	2	50	51	2	49	325459.85675	325459.85838	-0.00163	0.10000	0.00000	325459.85838	-0.00163	0.5000
2669:	52	2	50	51	3	49	325459.85675	325459.85838	-0.00163	0.10000	0.00000	325459.85838	-0.00163	0.5000
2670:	46	38	9	45	38	8	325515.71388	325515.68588	0.02801	0.10000	0.00000	325515.68588	0.02801	0.5000
2671:	46	38	8	45	38	7	325515.71388	325515.68588	0.02801	0.10000	0.00000	325515.68588	0.02801	0.5000
2672:	46	8	38	45	8	37	325700.01578	325700.03733	-0.02155	0.10000	0.00000			
2673:	46	36	10	45	36	9	325717.55388	325717.47597	0.07791	0.10000	0.00000	325717.47597	0.07791	0.5000
2674:	46	36	11	45	36	10	325717.55388	325717.47597	0.07791	0.10000	0.00000	325717.47597	0.07791	0.5000
2675:	53	1	52	52	2	51	325735.19384	325735.18321	0.01063	0.10000	0.00000	325735.18321	0.01063	0.5000
2676:	53	1	52	52	1	51	325735.19384	325735.18321	0.01063	0.10000	0.00000	325735.18321	0.01063	0.5000
2677:	46	35	11	45	35	10	325827.10043	325827.17928	-0.07886	0.10000	0.00000	325827.17928	-0.07886	0.5000
2678:	46	35	12	45	35	11	325827.10043	325827.17928	-0.07886	0.10000	0.00000	325827.17928	-0.07886	0.5000
2679:	46	34	12	45	34	11	325943.82820	325943.82274	0.00546	0.10000	0.00000	325943.82274	0.00546	0.5000
2680:	46	34	13	45	34	12	325943.82820	325943.82274	0.00547	0.10000	0.00000	325943.82274	0.00546	0.5000
2681:	45	15	31	44	15	30	326009.07418	326009.11747	-0.04328	0.10000	0.00000			
2682:	54	0	54	53	1	53	326018.46768	326018.47348	-0.00580	0.10000	0.00000	326018.47348	-0.00580	0.5000
2683:	54	0	54	53	0	53	326018.46768	326018.47348	-0.00580	0.10000	0.00000	326018.47348	-0.00580	0.5000
2684:	45	15	30	44	15	29	326028.41286	326028.41745	-0.00459	0.10000	0.00000			
2685:	46	33	14	45	33	13	326068.41821	326068.36531	0.05290	0.10000	0.00000	326068.36531	0.05290	0.5000
2686:	46	33	13	45	33	12	326068.41821	326068.36531	0.05290	0.10000	0.00000	326068.36531	0.05290	0.5000
2687:	46	32	14	45	32	13	326201.86430	326201.92262	-0.05831	0.10000	0.00000	326201.92262	-0.05831	0.5000
2688:	46	32	15	45	32	14	326201.86430	326201.92262	-0.05831	0.10000	0.00000	326201.92262	-0.05831	0.5000
2689:	25	11	14	24	10	15	326203.55952	326203.36664	0.19289	0.10000	0.00000			
2690:	46	30	17	45	30	16	326501.58950	326501.52970	0.05980	0.10000	0.00000	326501.52970	0.05980	0.5000
2691:	46	30	16	45	30	15	326501.58950	326501.52970	0.05980	0.10000	0.00000	326501.52970	0.05980	0.5000
2692:	46	29	17	45	29	16	326670.87926	326670.92957	-0.05031	0.10000	0.00000	326670.92957	-0.05031	0.5000
2693:	46	29	18	45	29	17	326670.87926	326670.92957	-0.05031	0.10000	0.00000	326670.92957	-0.05031	0.5000
2694:	44	12	32	43	12	31	326848.13007	326848.13656	-0.00648	0.10000	0.00000			
2695:	46	28	19	45	28	18	326856.11445	326856.16214	-0.04769	0.10000	0.00000	326856.16214	-0.04769	0.5000
2696:	46	28	18	45	28	17	326856.11445	326856.16214	-0.04769	0.10000	0.00000	326856.16214	-0.04769	0.5000
2697:	43	10	33	42	10	32	326905.52100	326905.46314	0.05786	0.10000	0.00000			
2698:	23	12	12	22	11	11	326986.99000	326986.93806	0.05194	0.10000	0.00000			
2699:	46	27	19	45	27	18	327059.78242	327059.82391	-0.04149	0.10000	0.00000	327059.82391	-0.04149	0.5000
2700:	46	27	20	45	27	19	327059.78242	327059.82391	-0.04149	0.10000	0.00000	327059.82391	-0.04149	0.5000
2701:	57	24	34	57	23	35	327088.91995	327088.90612	0.01383	0.10000	0.00000	327088.90607	0.01388	0.5000
2702:	57	24	33	57	23	34	327088.91995	327088.90601	0.01394	0.10000	0.00000	327088.90607	0.01388	0.5000
2703:	46	26	20	45	26	19	327285.02385	327285.05723	-0.03338	0.10000	0.00000	327285.05723	-0.03338	0.5000
2704:	46	26	21	45	26	20	327285.02385	327285.05723	-0.03338	0.10000	0.00000	327285.05723	-0.03338	0.5000
2705:	21	13	8	20	12	9	327378.24252	327378.26180	-0.01928	0.10000	0.00000	327378.26176	-0.01923	0.5000
2706:	21	13	9	20	12	8	327378.24252	327378.26171	-0.01919	0.10000	0.00000	327378.26176	-0.01923	0.5000
2707:	45	14	32	44	14	31	327483.33849	327483.40219	-0.06370	0.10000	0.00000			
2708:	46	25	21	45	25	20	327535.64812	327535.70033	-0.05222	0.10000	0.00000	327535.70033	-0.05222	0.5000

2709:	46	25	22	45	25	21	327535.64812	327535.70033	-0.05222	0.10000	0.00000	327535.70033	-0.05222	0.5000
2710:	19	14	6	18	13	5	327602.57816	327602.48650	0.09166	0.10000	0.00000	327602.48650	0.09166	0.5000
2711:	19	14	5	18	13	6	327602.57816	327602.48650	0.09166	0.10000	0.00000	327602.48650	0.09166	0.5000
2712:	45	14	31	44	14	30	327660.40398	327660.39291	0.01106	0.10000	0.00000			
2713:	17	15	2	16	14	3	327759.78516	327759.75222	0.03294	0.10000	0.00000			
2714:	17	15	3	16	14	2	327759.78516	327759.75222	0.03294	0.10000	0.00000			
2715:	46	24	23	45	24	22	327816.44856	327816.49065	-0.04209	0.10000	0.00000			
2716:	46	24	22	45	24	21	327816.44856	327816.49065	-0.04209	0.10000	0.00000			
2717:	46	23	24	45	23	23	328133.35075	328133.34562	0.00513	0.10000	0.00000			
2718:	46	23	23	45	23	22	328133.35075	328133.34562	0.00513	0.10000	0.00000			
2719:	46	22	25	45	22	24	328493.75655	328493.75946	-0.00291	0.10000	0.00000			
2720:	46	22	24	45	22	23	328493.75655	328493.75946	-0.00291	0.10000	0.00000			
2721:	54	24	30	54	23	31	328845.44230	328845.45865	-0.01635	0.10000	0.00000			
2722:	54	24	31	54	23	32	328845.44230	328845.45866	-0.01636	0.10000	0.00000			
2723:	46	21	25	45	21	24	328907.36139	328907.37897	-0.01758	0.10000	0.00000			
2724:	46	21	26	45	21	25	328907.36139	328907.37897	-0.01758	0.10000	0.00000			
2725:	45	9	36	44	9	35	328961.13018	328961.13424	-0.00407	0.10000	0.00000			
2726:	45	13	33	44	13	32	329174.91439	329174.90170	0.01269	0.10000	0.00000			
2727:	45	11	35	44	11	34	329245.60859	329245.60157	0.00702	0.10000	0.00000			
2728:	46	20	27	45	20	26	329386.83947	329386.86642	-0.02695	0.10000	0.00000			
2729:	46	20	26	45	20	25	329386.83947	329386.86647	-0.02700	0.10000	0.00000			
2730:	46	19	27	45	19	26	329949.27662	329949.24532	0.03130	0.10000	0.00000			
2731:	46	19	28	45	19	27	329949.27662	329949.24435	0.03227	0.10000	0.00000			
2732:	45	12	34	44	12	33	330297.70329	330297.67409	0.02920	0.10000	0.00000			
2733:	45	13	32	44	13	31	330419.91125	330419.92058	-0.00933	0.10000	0.00000			
2734:	46	18	29	45	18	28	330618.08640	330618.09280	-0.00640	0.10000	0.00000			
2735:	46	18	28	45	18	27	330618.08640	330618.10992	-0.02351	0.10000	0.00000			
2736:	50	6	45	49	6	44	330778.31678	330778.31019	0.00659	0.10000	0.00000			
2737:	50	5	45	49	6	44	330778.31678	330778.28424	0.03254	0.10000	0.00000			
2738:	48	8	41	47	8	40	330812.62866	330812.65102	-0.02236	0.10000	0.00000			
2739:	48	7	41	47	7	40	330829.62533	330829.64913	-0.02380	0.10000	0.00000			
2740:	51	5	47	50	5	46	330948.28862	330948.30736	-0.01874	0.10000	0.00000			
2741:	51	4	47	50	5	46	330948.28862	330948.30683	-0.01821	0.10000	0.00000			
2742:	47	9	39	46	9	38	331169.22676	331169.23369	-0.00693	0.10000	0.00000			
2743:	52	3	49	51	3	48	331175.06943	331175.08823	-0.01880	0.10000	0.00000			
2744:	52	3	49	51	4	48	331175.06943	331175.08821	-0.01878	0.10000	0.00000			
2745:	46	10	37	45	10	36	331361.54799	331361.56589	-0.01790	0.10000	0.00000			
2746:	46	17	29	45	17	28	331427.45703	331427.56579	-0.10876	0.10000	0.00000			
2747:	46	17	30	45	17	29	331427.45703	331427.30695	0.15008	0.10000	0.00000			
2748:	53	2	51	52	3	50	331433.90618	331433.94688	-0.04070	0.10000	0.00000			
2749:	53	2	51	52	2	50	331433.90618	331433.94688	-0.04070	0.10000	0.00000			
2750:	47	8	39	46	8	38	331441.84883	331441.86993	-0.02110	0.10000	0.00000			
2751:	54	1	53	53	1	52	331709.85988	331709.86139	-0.00151	0.10000	0.00000			
2752:	54	1	53	53	2	52	331709.85988	331709.86139	-0.00151	0.10000	0.00000			
2753:	55	0	55	54	0	54	331993.30835	331993.32947	-0.02112	0.10000	0.00000			
2754:	55	0	55	54	1	54	331993.30835	331993.32947	-0.02112	0.10000	0.00000			
2755:	46	16	31	45	16	30	332427.25966	332427.34010	-0.08044	0.10000	0.00000			
2756:	46	16	30	45	16	29	332430.63218	332430.65391	-0.02173	0.10000	0.00000			
2757:	46	11	36	45	11	35	335989.45302	335989.43943	0.01359	0.10000	0.00000			

2758:	45	12	33	44	12	32	336067.99506	336067.97520	0.01986	0.10000	0.00000	0.00000	336172.43259	0.04211	0.5000
2759:	65	5	61	65	3	62	336172.47469	336172.43259	0.04211	0.10000	0.00000	0.00000	336172.43259	0.04211	0.5000
2760:	65	4	61	65	4	62	336172.47469	336172.43259	0.04211	0.10000	0.00000	0.00000	336172.43259	0.04211	0.5000
2761:	47	21	27	46	21	26	336246.35525	336246.36918	-0.01393	0.10000	0.00000	0.00000	336246.36918	-0.01394	0.5000
2762:	47	21	26	46	21	25	336246.35525	336246.36918	-0.01394	0.10000	0.00000	0.00000	336246.36918	-0.01394	0.5000
2763:	50	7	44	49	7	43	336656.28357	336656.08797	0.19560	0.10000	0.00000	0.00000	336656.08797	0.19560	0.5000
2764:	49	8	42	48	8	41	336733.48308	336733.50666	-0.02358	0.10000	0.00000	0.00000	336733.50666	-0.02358	0.5000
2765:	51	5	46	50	6	45	336740.46791	336740.45245	0.01546	0.10000	0.00000	0.00000	336740.45245	0.01546	0.5000
2766:	51	6	46	50	6	45	336740.46791	336740.46631	0.00160	0.10000	0.00000	0.00000	336740.46631	0.00160	0.5000
2767:	49	7	42	48	7	41	336743.45361	336743.46082	-0.00721	0.10000	0.00000	0.00000	336743.46082	-0.00721	0.5000
2768:	47	20	27	46	20	26	336759.92855	336759.95793	-0.02938	0.10000	0.00000	0.00000	336759.95793	-0.02938	0.5000
2769:	47	20	28	46	20	27	336759.92855	336759.95782	-0.02927	0.10000	0.00000	0.00000	336759.95782	-0.02932	0.5000
2770:	52	5	48	51	5	47	336917.25521	336917.25474	0.00047	0.10000	0.00000	0.00000	336917.25461	0.00061	0.5000
2771:	52	4	48	51	5	47	336917.25521	336917.25447	0.00075	0.10000	0.00000	0.00000	336917.25461	0.00061	0.5000
2772:	46	13	34	45	13	33	336974.89524	336974.87553	0.01971	0.10000	0.00000	0.00000	336974.87553	0.01971	0.5000
2773:	48	9	40	47	9	39	337062.78981	337062.79485	-0.00504	0.10000	0.00000	0.00000	337062.79485	-0.00504	0.5000
2774:	53	3	50	52	4	49	337147.24750	337147.25431	-0.00680	0.10000	0.00000	0.00000	337147.25431	-0.00681	0.5000
2775:	53	3	50	52	3	49	337147.24750	337147.25432	-0.00681	0.10000	0.00000	0.00000	337147.25431	-0.00681	0.5000
2776:	48	8	40	47	8	39	337232.52776	337232.52706	0.00070	0.10000	0.00000	0.00000	337232.52706	0.00070	0.5000
2777:	47	19	29	46	19	28	337363.38922	337363.40951	-0.02029	0.10000	0.00000	0.00000	337363.41061	-0.02139	0.5000
2778:	47	19	28	46	19	27	337363.38922	337363.41170	-0.02249	0.10000	0.00000	0.00000	337363.41061	-0.02139	0.5000
2779:	54	2	52	53	2	51	337407.50971	337407.54444	-0.03474	0.10000	0.00000	0.00000	337407.54444	-0.03474	0.5000
2780:	54	2	52	53	3	51	337407.50971	337407.54444	-0.03474	0.10000	0.00000	0.00000	337407.54444	-0.03474	0.5000
2781:	55	1	54	54	2	53	337684.00439	337684.01648	-0.01209	0.10000	0.00000	0.00000	337684.01648	-0.01209	0.5000
2782:	55	1	54	54	1	53	337684.00439	337684.01648	-0.01209	0.10000	0.00000	0.00000	337684.01648	-0.01209	0.5000
2783:	63	17	47	64	13	52	337752.23346	337752.15650	0.07697	0.10000	0.00000	0.00000	337752.15650	0.07697	0.5000
2784:	56	0	56	55	1	55	337967.66350	337967.65527	0.00823	0.10000	0.00000	0.00000	337967.65527	0.00823	0.5000
2785:	56	0	56	55	0	55	337967.66350	337967.65527	0.00823	0.10000	0.00000	0.00000	337967.65527	0.00823	0.5000
2786:	47	18	29	46	18	28	338082.80411	338082.83158	-0.02747	0.10000	0.00000	0.00000	338082.83129	-0.00918	0.5000
2787:	47	18	30	46	18	29	338082.80411	338082.79499	0.00912	0.10000	0.00000	0.00000	338082.83129	-0.00918	0.5000
2788:	46	13	33	45	13	32	338911.33689	338911.32917	0.00772	0.10000	0.00000	0.00000	338911.32917	0.00772	0.5000
2789:	47	17	31	46	17	30	338956.16507	338955.91106	0.25401	0.10000	0.00000	0.00000	338956.17245	-0.00739	0.5000
2790:	47	17	30	46	17	29	338956.16507	338956.43385	-0.26878	0.10000	0.00000	0.00000	338956.17245	-0.00739	0.5000
2791:	47	9	38	46	9	37	339250.88567	339250.90419	-0.01851	0.10000	0.00000	0.00000	339250.90419	-0.01851	0.5000
2792:	45	10	35	44	10	34	339409.76392	339409.76907	-0.00515	0.10000	0.00000	0.00000	339409.76907	-0.00515	0.5000
2793:	48	41	7	47	41	6	339465.73839	339465.52936	0.20903	0.10000	0.00000	0.00000	339465.52936	0.20903	0.5000
2794:	48	41	8	47	41	7	339465.73839	339465.52936	0.20903	0.10000	0.00000	0.00000	339465.52936	0.20903	0.5000
2795:	48	39	10	47	39	9	339658.84881	339658.86768	-0.01887	0.10000	0.00000	0.00000	339658.86768	-0.01887	0.5000
2796:	48	39	9	47	39	8	339658.84881	339658.86768	-0.01887	0.10000	0.00000	0.00000	339658.86768	-0.01887	0.5000
2797:	48	38	11	47	38	10	339762.55155	339762.56183	-0.01028	0.10000	0.00000	0.00000	339762.56183	-0.01028	0.5000
2798:	48	38	10	47	38	9	339762.55155	339762.56183	-0.01028	0.10000	0.00000	0.00000	339762.56183	-0.01028	0.5000
2799:	48	36	13	47	36	12	339987.12515	339987.13592	-0.01077	0.10000	0.00000	0.00000	339987.13592	-0.01077	0.5000
2800:	48	36	12	47	36	11	339987.12515	339987.13592	-0.01077	0.10000	0.00000	0.00000	339987.13592	-0.01077	0.5000
2801:	47	16	32	46	16	31	340039.09608	340039.09855	-0.00247	0.10000	0.00000	0.00000	340039.09855	-0.00247	0.5000
2802:	47	16	31	46	16	30	340045.40922	340045.40937	-0.00016	0.10000	0.00000	0.00000	340045.40937	-0.00016	0.5000
2803:	48	35	14	47	35	13	340109.58701	340109.55002	0.03699	0.10000	0.00000	0.00000	340109.55002	0.03699	0.5000
2804:	48	35	13	47	35	12	340109.58701	340109.55002	0.03699	0.10000	0.00000	0.00000	340109.55002	0.03699	0.5000
2805:	48	34	14	47	34	13	340239.93481	340239.93444	0.00037	0.10000	0.00000	0.00000	340239.93444	0.00037	0.5000
2806:	48	34	15	47	34	14	340239.93481	340239.93444	0.00037	0.10000	0.00000	0.00000	340239.93444	0.00037	0.5000

2807:	48 33 15 47 33 14	340379.37840	340379.38468	-0.00628	0.10000	0.00000	340379.38468	-0.00628	0.5000
2808:	48 33 16 47 33 15	340379.37840	340379.38468	-0.00628	0.10000	0.00000	340379.38468	-0.00628	0.5000
2809:	48 32 16 47 32 15	340529.20519	340529.17626	0.02893	0.10000	0.00000	340529.17626	0.02893	0.5000
2810:	48 32 17 47 32 16	340529.20519	340529.17626	0.02893	0.10000	0.00000	340529.17626	0.02893	0.5000
2811:	48 31 18 47 31 17	340690.77724	340690.80230	-0.02505	0.10000	0.00000	340690.80230	-0.02505	0.5000
2812:	48 31 17 47 31 16	340690.77724	340690.80230	-0.02505	0.10000	0.00000	340690.80230	-0.02505	0.5000
2813:	48 30 19 47 30 18	340866.01135	340866.02082	-0.00946	0.10000	0.00000	340866.02082	-0.00946	0.5000
2814:	48 30 18 47 30 17	340866.01135	340866.02082	-0.00946	0.10000	0.00000	340866.02082	-0.00946	0.5000
2815:	25 12 14 24 11 13	340875.25798	340875.03702	0.22096	0.10000	0.00000			
2816:	48 29 20 47 29 19	341056.86055	341056.91508	-0.05454	0.10000	0.00000	341056.91508	-0.05454	0.5000
2817:	48 29 19 47 29 18	341056.86055	341056.91508	-0.05454	0.10000	0.00000	341056.91508	-0.05454	0.5000
2818:	48 28 21 47 28 20	341265.95421	341265.97106	-0.01685	0.10000	0.00000	341265.97106	-0.01685	0.5000
2819:	48 28 20 47 28 19	341265.95421	341265.97106	-0.01685	0.10000	0.00000	341265.97106	-0.01685	0.5000
2820:	47 15 33 46 15 32	341409.00316	341408.99983	0.00333	0.10000	0.00000			
2821:	23 13 10 22 12 11	341420.02518	341419.87252	0.15267	0.10000	0.00000	341419.87196	0.15322	0.5000
2822:	23 13 11 22 12 10	341420.02518	341419.87140	0.15378	0.10000	0.00000	341419.87196	0.15322	0.5000
2823:	47 15 32 46 15 31	341472.02989	341472.00586	0.02404	0.10000	0.00000			
2824:	48 27 21 47 27 20	341496.15752	341496.17840	-0.02088	0.10000	0.00000	341496.17840	-0.02088	0.5000
2825:	48 27 22 47 27 21	341496.15752	341496.17840	-0.02088	0.10000	0.00000	341496.17840	-0.02088	0.5000
2826:	21 14 7 20 13 8	341715.74491	341715.71032	0.03459	0.10000	0.00000	341715.71032	0.03459	0.5000
2827:	21 14 8 20 13 7	341715.74491	341715.71031	0.03459	0.10000	0.00000	341715.71032	0.03459	0.5000
2828:	48 26 22 47 26 22	341751.15262	341751.16371	-0.01109	0.10000	0.00000	341751.16371	-0.01109	0.5000
2829:	48 26 22 47 26 21	341751.15262	341751.16371	-0.01109	0.10000	0.00000	341751.16371	-0.01109	0.5000
2830:	19 15 5 18 14 4	341903.56890	341903.48458	0.08432	0.10000	0.00000	341903.48458	0.08432	0.5000
2831:	19 15 4 18 14 5	341903.56890	341903.48458	0.08432	0.10000	0.00000	341903.48458	0.08432	0.5000
2832:	48 25 24 47 25 23	342035.35197	342035.36933	-0.01735	0.10000	0.00000	342035.36933	-0.01735	0.5000
2833:	48 25 23 47 25 22	342035.35197	342035.36933	-0.01735	0.10000	0.00000	342035.36933	-0.01735	0.5000
2834:	17 16 1 16 15 2	342048.73339	342048.69886	0.03453	0.10000	0.00000	342048.69886	0.03453	0.5000
2835:	17 16 2 16 15 1	342048.73339	342048.69886	0.03453	0.10000	0.00000	342048.69886	0.03453	0.5000
2836:	45 11 34 44 11 33	342265.70468	342265.69661	0.00807	0.10000	0.00000			
2837:	48 24 25 47 24 24	342354.28786	342354.29741	-0.00955	0.10000	0.00000	342354.29741	-0.00955	0.5000
2838:	48 24 24 47 24 23	342354.28786	342354.29741	-0.00955	0.10000	0.00000	342354.29741	-0.00955	0.5000
2839:	47 11 37 46 11 36	342557.74442	342557.75332	-0.00890	0.10000	0.00000			
2840:	51 7 45 50 7 44	342605.96979	342605.85901	0.11078	0.10000	0.00000			
2841:	50 8 43 49 8 42	342658.11947	342658.10756	0.01191	0.10000	0.00000			
2842:	50 7 43 49 7 42	342663.86865	342663.89314	-0.02449	0.10000	0.00000			
2843:	52 6 47 51 6 46	342702.95253	342702.98143	-0.02890	0.10000	0.00000	342702.97774	-0.02521	0.5000
2844:	52 5 47 51 6 46	342702.95253	342702.97405	-0.02152	0.10000	0.00000	342702.97774	-0.02521	0.5000
2845:	48 23 26 47 23 25	342714.82482	342714.85036	-0.02554	0.10000	0.00000	342714.85036	-0.02554	0.5000
2846:	48 23 25 47 23 24	342714.82482	342714.85036	-0.02554	0.10000	0.00000	342714.85036	-0.02554	0.5000
2847:	49 8 41 48 9 40	342796.79445	342796.66950	0.12495	0.10000	0.00000			
2848:	53 5 49 52 5 48	342885.99997	342886.01495	-0.01499	0.10000	0.00000	342886.01488	-0.01492	0.5000
2849:	53 4 49 52 5 48	342885.99997	342886.01481	-0.01485	0.10000	0.00000	342886.01488	-0.01492	0.5000
2850:	49 9 41 48 9 40	342954.03370	342954.06089	-0.02719	0.10000	0.00000			
2851:	49 8 41 48 8 40	343058.49606	343058.49143	0.00462	0.10000	0.00000			
2852:	47 14 34 46 14 33	343095.98549	343095.99522	-0.00973	0.10000	0.00000			
2853:	54 3 51 53 4 50	343118.99964	343119.00548	-0.00584	0.10000	0.00000	343119.00548	-0.00584	0.5000
2854:	54 3 51 53 3 50	343118.99964	343119.00548	-0.00584	0.10000	0.00000	343119.00548	-0.00584	0.5000
2855:	48 22 27 47 22 26	343125.79122	343125.81735	-0.02613	0.10000	0.00000	343125.81735	-0.02613	0.5000

2856:	48	22	26	47	22	25	343125.79122	343125.81735	-0.02613	0.10000	0.00000	343125.81735	-0.02613	0.5000
2857:	55	2	53	54	3	52	343380.62533	343380.63812	-0.01279	0.10000	0.00000	343380.63812	-0.01279	0.5000
2858:	55	2	53	54	2	52	343380.62533	343380.63812	-0.01279	0.10000	0.00000	343380.63812	-0.01279	0.5000
2859:	48	10	39	47	10	38	343388.70758	343388.72329	-0.01570	0.10000	0.00000			
2860:	47	14	33	46	14	32	343597.24418	343597.42650	-0.18232	0.10000	0.00000			
2861:	48	21	28	47	21	27	343598.64342	343598.59031	0.05311	0.10000	0.00000	343598.59032	0.05310	0.5000
2862:	48	21	27	47	21	26	343598.64342	343598.59032	0.05310	0.10000	0.00000	343598.59032	0.05310	0.5000
2863:	56	1	55	55	2	54	343657.63344	343657.63821	-0.00476	0.10000	0.00000	343657.63821	-0.00476	0.5000
2864:	56	1	55	55	1	54	343657.63344	343657.63821	-0.00476	0.10000	0.00000	343657.63821	-0.00476	0.5000
2865:	57	0	57	56	1	56	343941.43515	343941.44120	-0.00605	0.10000	0.00000	343941.44120	-0.00605	0.5000
2866:	57	0	57	56	0	56	343941.43515	343941.44120	-0.00605	0.10000	0.00000	343941.44120	-0.00605	0.5000
2867:	48	20	29	47	20	28	344148.24250	344148.25605	-0.01355	0.10000	0.00000	344148.25618	-0.01369	0.5000
2868:	48	20	28	47	20	27	344148.24250	344148.25632	-0.01382	0.10000	0.00000	344148.25618	-0.01369	0.5000
2869:	48	9	39	47	9	38	344629.63318	344629.64477	-0.01159	0.10000	0.00000			
2870:	47	13	35	46	13	34	344741.35080	344741.28629	0.06451	0.10000	0.00000			
2871:	48	19	29	47	19	28	344795.32993	344795.34020	-0.01027	0.10000	0.00000	344795.33777	-0.00785	0.5000
2872:	48	19	30	47	19	29	344795.32993	344795.33535	-0.00542	0.10000	0.00000	344795.33777	-0.00785	0.5000
2873:	46	10	36	45	10	35	344802.96590	344802.95714	0.00876	0.10000	0.00000			
2874:	47	12	36	46	12	35	345060.92502	345060.92214	0.00288	0.10000	0.00000			
2875:	46	12	34	45	12	33	345451.30881	345451.30982	-0.00101	0.10000	0.00000			
2876:	48	18	31	47	18	30	345568.72605	345568.69115	0.03489	0.10000	0.00000			
2877:	28	11	18	27	10	17	346415.19473	346415.18263	0.01209	0.10000	0.00000			
2878:	48	17	32	47	17	31	346511.05731	346510.51081	0.54651	0.10000	0.00000			
2879:	48	17	31	47	17	30	346511.81618	346511.54579	0.27039	0.10000	0.00000			
2880:	48	10	39	47	9	38	346866.41421	346866.35700	0.05721	0.10000	0.00000			
2881:	49	38	12	48	38	11	346890.55361	346890.47111	0.08250	0.10000	0.00000	346890.47111	0.08250	0.5000
2882:	49	37	11	48	38	10	346890.55361	346890.47111	0.08250	0.10000	0.00000	346890.47111	0.08250	0.5000
2883:	49	37	12	48	37	11	347005.44367	347005.47316	-0.02949	0.10000	0.00000	347005.47316	-0.02949	0.5000
2884:	49	37	13	48	37	12	347005.44367	347005.47316	-0.02949	0.10000	0.00000	347005.47316	-0.02949	0.5000
2885:	49	36	14	48	36	13	347126.95575	347127.11462	-0.15887	0.10000	0.00000	347127.11462	-0.15887	0.5000
2886:	49	36	13	48	36	12	347126.95575	347127.11462	-0.15887	0.10000	0.00000	347127.11462	-0.15887	0.5000
2887:	45	25	21	45	24	22	347217.26139	347217.34910	-0.08771	0.10000	0.00000	347217.34910	-0.08771	0.5000
2888:	45	25	20	45	24	21	347217.26139	347217.34910	-0.08771	0.10000	0.00000	347217.34910	-0.08771	0.5000
2889:	49	35	15	48	35	14	347256.28037	347256.26981	0.01056	0.10000	0.00000	347256.26981	0.01056	0.5000
2890:	49	35	14	48	35	13	347256.28037	347256.26981	0.01056	0.10000	0.00000	347256.26981	0.01056	0.5000
2891:	49	34	16	48	34	15	347393.95922	347393.94735	0.01187	0.10000	0.00000	347393.94735	0.01187	0.5000
2892:	49	34	15	48	34	14	347393.95922	347393.94735	0.01187	0.10000	0.00000	347393.94735	0.01187	0.5000
2893:	49	33	16	48	33	15	347541.32349	347541.31622	0.00727	0.10000	0.00000	347541.31622	0.00727	0.5000
2894:	49	33	17	48	33	16	347541.32349	347541.31622	0.00727	0.10000	0.00000	347541.31622	0.00727	0.5000
2895:	47	13	34	46	13	33	347659.75159	347659.75999	-0.00840	0.10000	0.00000			
2896:	48	16	33	47	16	32	347683.38046	347683.38086	-0.00040	0.10000	0.00000			
2897:	48	16	32	47	16	31	347695.16919	347695.16442	0.00477	0.10000	0.00000			
2898:	49	32	18	48	32	17	347699.74803	347699.73810	0.00994	0.10000	0.00000			
2899:	49	31	18	48	31	17	347870.76068	347870.80780	-0.04712	0.10000	0.00000	347870.80780	-0.04712	0.5000
2900:	49	31	19	48	31	18	347870.76068	347870.80780	-0.04712	0.10000	0.00000	347870.80780	-0.04712	0.5000
2901:	49	9	40	48	10	39	347903.26242	347903.36026	-0.09785	0.10000	0.00000			
2902:	49	30	19	48	30	18	348056.36404	348056.40435	-0.04030	0.10000	0.00000	348056.40435	-0.04030	0.5000
2903:	49	30	20	48	30	19	348056.36404	348056.40435	-0.04030	0.10000	0.00000	348056.40435	-0.04030	0.5000
2904:	49	29	21	48	29	20	348258.70692	348258.75601	-0.04909	0.10000	0.00000	348258.75601	-0.04909	0.5000

2905:	49	29	20	48	29	19	348258.70692	348258.75601	-0.04909	0.10000	0.00000	348258.75601	-0.04909	0.5000
2906:	40	25	15	40	24	16	348371.57214	348371.61349	-0.04136	0.10000	0.00000	348371.61349	-0.04136	0.5000
2907:	40	25	16	40	24	17	348371.57214	348371.61349	-0.04136	0.10000	0.00000	348371.61349	-0.04136	0.5000
2908:	24	13	12	23	12	11	348417.48928	348417.41514	0.07415	0.10000	0.00000	348417.41690	0.07238	0.5000
2909:	24	13	11	23	12	12	348417.48928	348417.41866	0.07062	0.10000	0.00000	348417.41690	0.07238	0.5000
2910:	49	28	21	48	28	20	348480.77237	348480.52419	0.24817	0.10000	0.00000	348480.52419	0.24817	0.5000
2911:	49	28	22	48	28	21	348480.77237	348480.52419	0.24817	0.10000	0.00000	348480.52419	0.24817	0.5000
2912:	52	7	46	51	6	45	348557.06833	348557.28930	-0.22097	0.10000	0.00000	348557.07371	-0.00539	0.2500
2913:	52	6	46	51	6	45	348557.06833	348557.13664	-0.06831	0.10000	0.00000	348557.07371	-0.00539	0.2500
2914:	52	6	46	51	7	45	348557.06833	348556.85813	0.21020	0.10000	0.00000	348557.07371	-0.00539	0.2500
2915:	52	7	46	51	7	45	348557.06833	348557.01079	0.05754	0.10000	0.00000	348557.07371	-0.00539	0.2500
2916:	51	7	44	50	8	43	348581.48196	348581.80857	-0.32660	0.10000	0.00000			
2917:	51	8	44	50	8	43	348586.22877	348586.22108	0.00769	0.10000	0.00000			
2918:	51	7	44	50	7	43	348589.55964	348589.56039	-0.00075	0.10000	0.00000			
2919:	53	5	48	52	6	47	348665.77437	348665.75060	0.02377	0.10000	0.00000	348665.75625	0.01812	0.2500
2920:	53	5	48	52	5	47	348665.77437	348665.75798	0.01639	0.10000	0.00000	348665.75625	0.01812	0.2500
2921:	53	6	48	52	6	47	348665.77437	348665.75452	0.01986	0.10000	0.00000	348665.75625	0.01812	0.2500
2922:	53	6	48	52	5	47	348665.77437	348665.76190	0.01248	0.10000	0.00000	348665.75625	0.01812	0.2500
2923:	49	27	23	48	27	22	348724.94404	348724.91295	0.03109	0.10000	0.00000	348724.91295	0.03109	0.5000
2924:	49	27	22	48	27	21	348724.94404	348724.91295	0.03109	0.10000	0.00000	348724.91295	0.03109	0.5000
2925:	22	14	8	21	13	9	348760.57902	348760.37685	0.20217	0.10000	0.00000	348760.37685	0.20218	0.5000
2926:	22	14	9	21	13	8	348760.57902	348760.37684	0.20218	0.10000	0.00000	348760.37685	0.20218	0.5000
2927:	50	9	42	49	9	41	348846.50128	348846.50086	0.00041	0.10000	0.00000			
2928:	54	4	50	53	5	49	348854.53246	348854.54543	-0.01297	0.10000	0.00000	348854.54554	-0.01308	0.2500
2929:	54	5	50	53	5	49	348854.53246	348854.54550	-0.01304	0.10000	0.00000	348854.54554	-0.01308	0.2500
2930:	54	5	50	53	4	49	348854.53246	348854.54565	-0.01319	0.10000	0.00000	348854.54554	-0.01308	0.2500
2931:	54	4	50	53	4	49	348854.53246	348854.54557	-0.01311	0.10000	0.00000	348854.54554	-0.01308	0.2500
2932:	50	8	42	49	8	41	348910.07221	348910.07575	-0.00355	0.10000	0.00000			
2933:	20	15	6	19	14	5	348969.89538	348969.85837	0.03701	0.10000	0.00000	348969.85837	0.03701	0.5000
2934:	20	15	5	19	14	6	348969.89538	348969.85837	0.03701	0.10000	0.00000	348969.85837	0.03701	0.5000
2935:	49	26	23	48	26	22	348995.77700	348995.81401	-0.03701	0.10000	0.00000	348995.81401	-0.03701	0.5000
2936:	49	26	24	48	26	23	348995.77700	348995.81401	-0.03701	0.10000	0.00000	348995.81401	-0.03701	0.5000
2937:	36	25	12	36	24	13	349041.06540	349041.11688	-0.05149	0.10000	0.00000	349041.11688	-0.05149	0.5000
2938:	36	25	11	36	24	12	349041.06540	349041.11688	-0.05149	0.10000	0.00000	349041.11688	-0.05149	0.5000
2939:	55	3	52	54	3	51	349090.28883	349090.32125	-0.03242	0.10000	0.00000	349090.32125	-0.03242	0.5000
2940:	55	3	52	54	4	51	349090.28883	349090.32125	-0.03242	0.10000	0.00000	349090.32125	-0.03242	0.5000
2941:	18	16	3	17	15	2	349123.55150	349123.50055	0.05095	0.10000	0.00000	349123.50055	0.05095	0.5000
2942:	18	16	2	17	15	3	349123.55150	349123.50055	0.05095	0.10000	0.00000	349123.50055	0.05095	0.5000
2943:	48	15	34	47	15	33	349165.00972	349165.07495	-0.06523	0.10000	0.00000			
2944:	48	15	33	47	15	32	349275.46054	349275.49508	-0.03454	0.10000	0.00000			
2945:	49	25	24	48	25	23	349297.98085	349298.00195	-0.02110	0.10000	0.00000	349298.00195	-0.02110	0.5000
2946:	49	25	25	48	25	24	349297.98085	349298.00195	-0.02110	0.10000	0.00000	349298.00195	-0.02110	0.5000
2947:	49	10	40	48	10	39	349321.81888	349321.82696	-0.00808	0.10000	0.00000			
2948:	56	2	54	55	3	53	349353.20524	349353.21529	-0.01005	0.10000	0.00000	349353.21529	-0.01005	0.2500
2949:	56	3	54	55	3	53	349353.20524	349353.21529	-0.01005	0.10000	0.00000	349353.21529	-0.01005	0.2500
2950:	56	2	54	55	2	53	349353.20524	349353.21529	-0.01005	0.10000	0.00000	349353.21529	-0.01005	0.2500
2951:	56	3	54	55	2	53	349353.20524	349353.21529	-0.01005	0.10000	0.00000	349353.21529	-0.01005	0.2500
2952:	32	25	8	32	24	9	349531.38114	349531.50788	-0.12674	0.10000	0.00000	349531.50788	-0.12674	0.5000
2953:	32	25	7	32	24	8	349531.38114	349531.50788	-0.12674	0.10000	0.00000	349531.50788	-0.12674	0.5000

2954:	57	1	56	56	1	55	349630.70359	349630.71639	-0.01280	0.10000	0.00000	349630.71639	-0.01280	0.2500
2955:	57	1	56	56	2	55	349630.70359	349630.71639	-0.01280	0.10000	0.00000	349630.71639	-0.01280	0.2500
2956:	57	2	56	56	2	55	349630.70359	349630.71639	-0.01280	0.10000	0.00000	349630.71639	-0.01280	0.2500
2957:	57	2	56	56	1	55	349630.70359	349630.71639	-0.01280	0.10000	0.00000	349630.71639	-0.01280	0.2500
2958:	49	24	26	48	24	25	349637.37928	349637.40190	-0.02262	0.10000	0.00000	349637.40190	-0.02262	0.5000
2959:	49	24	25	48	24	24	349637.37928	349637.40190	-0.02262	0.10000	0.00000	349637.40190	-0.02262	0.5000
2960:	29	25	5	29	24	6	349804.15699	349804.16992	-0.01293	0.10000	0.00000	349804.16992	-0.01293	0.5000
2961:	29	25	4	29	24	5	349804.15699	349804.16992	-0.01293	0.10000	0.00000	349804.16992	-0.01293	0.5000
2962:	47	10	37	46	10	36	349820.73556	349820.74274	-0.00718	0.10000	0.00000	349820.74274	-0.00718	0.5000
2963:	58	0	58	57	1	57	349914.67325	349914.67761	-0.00436	0.10000	0.00000	349914.67761	-0.00436	0.5000
2964:	58	0	58	57	0	57	349914.67325	349914.67761	-0.00436	0.10000	0.00000	349914.67761	-0.00436	0.5000
2965:	49	23	26	48	23	25	350021.47874	350021.46476	0.01398	0.10000	0.00000	350021.46476	0.01398	0.5000
2966:	49	23	27	48	23	26	350021.47874	350021.46476	0.01398	0.10000	0.00000	350021.46476	0.01398	0.5000
2967:	49	9	40	48	9	39	350140.05911	350140.07249	-0.01338	0.10000	0.00000	350140.07249	-0.01338	0.5000
2968:	46	11	35	45	11	34	350273.89966	350273.86981	0.02985	0.10000	0.00000	350273.86981	0.02985	0.5000
2969:	49	22	27	48	22	26	350459.68714	350459.70678	-0.01964	0.10000	0.00000	350459.70678	-0.01964	0.5000
2970:	49	22	28	48	22	27	350459.68714	350459.70678	-0.01964	0.10000	0.00000	350459.70678	-0.01964	0.5000
2971:	48	14	35	47	14	34	350937.49658	350937.48012	0.01646	0.10000	0.00000	350937.48012	0.01646	0.5000
2972:	49	21	29	48	21	28	350964.48968	350964.50996	-0.02028	0.10000	0.00000	350964.50996	-0.02028	0.5000
2973:	49	21	28	48	21	27	350964.48968	350964.50999	-0.02032	0.10000	0.00000	350964.50998	-0.02032	0.5000
2974:	67	26	41	67	25	42	351030.65424	351030.55023	0.10401	0.10000	0.00000	351030.55068	0.10355	0.5000
2975:	67	26	42	67	25	43	351030.65424	351030.55114	0.10310	0.10000	0.00000	351030.55068	0.10355	0.5000
2976:	49	20	30	48	20	28	351552.33098	351552.35444	-0.02345	0.10000	0.00000	351552.35474	-0.02376	0.5000
2977:	49	20	29	48	20	29	351552.33098	351552.35504	-0.02406	0.10000	0.00000	351552.35474	-0.02376	0.5000
2978:	49	10	40	48	9	39	351558.56919	351558.53919	0.03000	0.10000	0.00000	351558.53919	0.03000	0.5000
2979:	31	10	21	30	9	22	351565.02072	351565.00894	0.01178	0.10000	0.00000	351565.00894	0.01178	0.5000
2980:	48	14	34	47	14	33	351752.78433	351752.84043	-0.05611	0.10000	0.00000	351752.84043	-0.05611	0.5000
2981:	48	12	37	47	12	36	352202.90996	352202.78069	0.12927	0.10000	0.00000	352202.78069	0.12927	0.5000
2982:	49	19	31	48	19	30	352245.78835	352245.80373	-0.01538	0.10000	0.00000	352245.80373	-0.01538	0.5000
2983:	49	19	30	48	19	29	352245.78835	352245.81425	-0.02590	0.10000	0.00000	352245.80899	-0.02590	0.5000
2984:	48	13	36	47	13	35	352447.16076	352447.15279	0.00796	0.10000	0.00000	352447.15279	0.00796	0.5000
2985:	49	18	32	48	18	31	353076.94327	353076.85814	0.08512	0.10000	0.00000	353076.85814	0.08512	0.5000
2986:	50	40	11	49	40	10	353797.59427	353797.50408	0.09019	0.10000	0.00000	353797.50408	0.09019	0.5000
2987:	50	40	10	49	40	9	353797.59427	353797.50408	0.09019	0.10000	0.00000	353797.50408	0.09019	0.5000
2988:	50	39	11	49	39	10	353906.82105	353906.68788	0.13317	0.10000	0.00000	353906.68788	0.13317	0.5000
2989:	50	39	12	49	39	11	353906.82105	353906.68788	0.13317	0.10000	0.00000	353906.68788	0.13317	0.5000
2990:	50	38	13	49	38	12	354021.68228	354021.44682	0.23546	0.10000	0.00000	354021.44682	0.23546	0.5000
2991:	50	38	12	49	38	11	354021.68228	354021.44682	0.23546	0.10000	0.00000	354021.44682	0.23546	0.5000
2992:	49	17	33	48	17	32	354092.58750	354092.62127	-0.03377	0.10000	0.00000	354092.62127	-0.03377	0.5000
2993:	49	17	32	48	17	31	354094.60655	354094.63084	-0.02429	0.10000	0.00000	354094.63084	-0.02429	0.5000
2994:	50	37	13	49	37	12	354142.48565	354142.48929	-0.00364	0.10000	0.00000	354142.48929	-0.00364	0.5000
2995:	50	37	14	49	37	13	354142.48565	354142.48929	-0.00364	0.10000	0.00000	354142.48929	-0.00364	0.5000
2996:	50	36	15	49	36	14	354270.54476	354270.62584	-0.08108	0.10000	0.00000	354270.62584	-0.08108	0.5000
2997:	50	36	14	49	36	13	354270.54476	354270.62584	-0.08108	0.10000	0.00000	354270.62584	-0.08108	0.5000
2998:	50	35	16	49	35	15	354406.81590	354406.78776	0.02815	0.10000	0.00000	354406.78776	0.02815	0.5000
2999:	50	35	15	49	35	14	354406.81590	354406.78776	0.02815	0.10000	0.00000	354406.78776	0.02815	0.5000
3000:	53	7	47	52	7	46	354509.34754	354509.32913	0.01840	0.10000	0.00000	354509.36380	-0.01626	0.2500
3001:	53	6	47	52	6	46	354509.34754	354509.39847	-0.05093	0.10000	0.00000	354509.36380	-0.01626	0.2500
3002:	53	7	47	52	6	46	354509.34754	354509.48179	-0.13425	0.10000	0.00000	354509.36380	-0.01626	0.2500

3003:	53	6	47	52	7	46	354509.34754	354509.24581	0.10173	0.10000	0.00000	354509.36380	-0.01626	0.2500
3004:	52	7	45	51	8	44	354515.12473	354515.03369	0.09104	0.10000	0.00000			
3005:	52	8	45	51	8	44	354517.49083	354517.53134	-0.04052	0.10000	0.00000			
3006:	52	7	45	51	7	44	354519.43792	354519.44619	-0.00828	0.10000	0.00000			
3007:	52	8	45	51	7	44	354521.93597	354521.94385	-0.00788	0.10000	0.00000			
3008:	50	34	16	49	34	15	354552.02990	354552.04973	-0.01982	0.10000	0.00000	354552.04973	-0.01982	0.5000
3009:	50	34	17	49	34	16	354552.02990	354552.04973	-0.01982	0.10000	0.00000	354552.04973	-0.01982	0.5000
3010:	54	5	49	53	5	48	354628.69362	354628.69762	-0.00400	0.10000	0.00000	354628.69670	-0.00307	0.2500
3011:	54	6	49	53	5	48	354628.69362	354628.69969	-0.00607	0.10000	0.00000	354628.69670	-0.00307	0.2500
3012:	54	6	49	53	6	48	354628.69362	354628.69577	-0.00215	0.10000	0.00000	354628.69670	-0.00307	0.2500
3013:	54	5	49	53	6	48	354628.69362	354628.69370	-0.00008	0.10000	0.00000	354628.69670	-0.00307	0.2500
3014:	48	10	38	47	10	37	354660.29673	354660.30312	-0.00640	0.10000	0.00000	354628.69670	-0.00307	0.2500
3015:	51	9	43	50	9	42	354742.11292	354742.12476	-0.01184	0.10000	0.00000			
3016:	51	8	43	50	8	42	354780.59708	354780.45642	0.14066	0.10000	0.00000			
3017:	55	5	51	54	5	50	354822.78774	354822.80764	-0.01990	0.10000	0.00000	354822.80766	-0.01992	0.2500
3018:	55	4	51	54	5	50	354822.78774	354822.80760	-0.01987	0.10000	0.00000	354822.80766	-0.01992	0.2500
3019:	55	5	51	54	4	50	354822.78774	354822.80771	-0.01998	0.10000	0.00000	354822.80766	-0.01992	0.2500
3020:	55	4	51	54	4	50	354822.78774	354822.80767	-0.01994	0.10000	0.00000	354822.80766	-0.01992	0.2500
3021:	47	12	35	46	12	34	354829.36217	354829.36838	-0.00621	0.10000	0.00000			
3022:	50	32	19	49	32	18	354875.03238	354875.06434	-0.03196	0.10000	0.00000	354875.06434	-0.03196	0.5000
3023:	50	32	18	49	32	17	354875.03238	354875.06434	-0.03196	0.10000	0.00000	354875.06434	-0.03196	0.5000
3024:	50	31	19	49	31	18	355055.95075	355055.97107	-0.02032	0.10000	0.00000	355055.97107	-0.02032	0.5000
3025:	50	31	20	49	31	19	355055.95075	355055.97107	-0.02032	0.10000	0.00000	355055.97107	-0.02032	0.5000
3026:	56	4	53	55	3	52	355061.16717	355061.18229	-0.01512	0.10000	0.00000	355061.18229	-0.01512	0.2500
3027:	56	4	53	55	4	52	355061.16717	355061.18229	-0.01512	0.10000	0.00000	355061.18229	-0.01512	0.2500
3028:	56	3	53	55	4	52	355061.16717	355061.18229	-0.01512	0.10000	0.00000	355061.18229	-0.01512	0.2500
3029:	56	3	53	55	3	52	355061.16717	355061.18229	-0.01512	0.10000	0.00000	355061.18229	-0.01512	0.2500
3030:	50	10	41	49	10	40	355224.00765	355224.11395	-0.10631	0.10000	0.00000			
3031:	49	11	39	48	11	38	355226.21226	355226.20330	0.00896	0.10000	0.00000			
3032:	57	2	55	56	2	54	355325.25279	355325.26361	-0.01082	0.10000	0.00000	355325.26361	-0.01082	0.2500
3033:	57	2	55	56	3	54	355325.25279	355325.26361	-0.01082	0.10000	0.00000	355325.26361	-0.01082	0.2500
3034:	57	3	55	56	2	54	355325.25279	355325.26361	-0.01082	0.10000	0.00000	355325.26361	-0.01082	0.2500
3035:	57	3	55	56	3	54	355325.25279	355325.26361	-0.01082	0.10000	0.00000	355325.26361	-0.01082	0.2500
3036:	49	16	34	48	16	33	355361.95747	355361.96410	-0.00663	0.10000	0.00000			
3037:	49	16	33	48	16	32	355383.55520	355383.54482	0.01039	0.10000	0.00000			
3038:	25	13	13	24	12	12	355396.23924	355396.22920	0.01003	0.10000	0.00000	355396.23445	0.00479	0.5000
3039:	25	13	12	24	12	13	355396.23924	355396.23969	-0.00045	0.10000	0.00000	355396.23445	0.00479	0.5000
3040:	50	29	22	49	29	21	355466.76805	355466.68608	0.08197	0.10000	0.00000	355466.68608	0.08197	0.5000
3041:	50	29	21	49	29	20	355466.76805	355466.68608	0.08197	0.10000	0.00000	355466.68608	0.08197	0.5000
3042:	58	1	57	57	1	56	355603.22716	355603.24088	-0.01372	0.10000	0.00000	355603.24088	-0.01372	0.2500
3043:	58	2	57	57	1	56	355603.22716	355603.24088	-0.01372	0.10000	0.00000	355603.24088	-0.01372	0.2500
3044:	58	2	57	57	2	56	355603.22716	355603.24088	-0.01372	0.10000	0.00000	355603.24088	-0.01372	0.2500
3045:	58	1	57	57	2	56	355603.22716	355603.24088	-0.01372	0.10000	0.00000	355603.24088	-0.01372	0.2500
3046:	50	28	23	49	28	22	355701.70647	355701.72267	-0.01619	0.10000	0.00000	355701.72267	-0.01619	0.5000
3047:	50	28	22	49	28	21	355701.70647	355701.72267	-0.01619	0.10000	0.00000	355701.72267	-0.01619	0.5000
3048:	50	9	41	49	9	40	355754.11416	355754.12656	-0.01240	0.10000	0.00000			
3049:	23	14	10	22	13	9	355795.11310	355795.07098	0.04213	0.10000	0.00000	355795.07099	0.04211	0.5000
3050:	23	14	9	22	13	10	355795.11310	355795.07100	0.04210	0.10000	0.00000	355795.07099	0.04211	0.5000
3051:	59	0	59	58	1	58	355887.34757	355887.35483	-0.00727	0.10000	0.00000	355887.35483	-0.00727	0.5000

3052:	59	0	59	58	0	58	355887.34757	355887.35483	-0.00727	0.10000	0.00000	355887.35483	-0.00727	0.5000
3053:	50	27	23	49	27	22	355960.88350	355960.92565	-0.04215	0.10000	0.00000	355960.92565	-0.04215	0.5000
3054:	50	27	24	49	27	23	355960.88350	355960.92565	-0.04215	0.10000	0.00000	355960.92565	-0.04215	0.5000
3055:	21	15	7	20	14	6	356031.27562	356031.27306	0.00257	0.10000	0.00000	356031.27306	0.00257	0.5000
3056:	21	15	6	20	14	7	356031.27562	356031.27306	0.00257	0.10000	0.00000	356031.27306	0.00257	0.5000
3057:	19	16	3	18	15	4	356196.31866	356196.27076	0.04790	0.10000	0.00000	356196.27076	0.04790	0.5000
3058:	19	16	4	18	15	3	356196.31866	356196.27076	0.04790	0.10000	0.00000	356196.27076	0.04790	0.5000
3059:	72	6	66	72	6	67	356240.10432	356240.12619	-0.02188	0.10000	0.00000	356240.12619	-0.02188	0.5000
3060:	72	6	66	72	5	67	356240.10432	356240.12619	-0.02188	0.10000	0.00000	356240.12619	-0.02188	0.5000
3061:	50	26	24	49	26	23	356248.46990	356248.46863	0.00127	0.10000	0.00000	356248.46863	0.00127	0.5000
3062:	50	26	25	49	26	24	356248.46990	356248.46863	0.00127	0.10000	0.00000	356248.46863	0.00127	0.5000
3063:	17	17	1	16	16	0	356334.50380	356334.36169	0.14210	0.10000	0.00000	356334.36169	0.14210	0.5000
3064:	17	17	0	16	16	1	356334.50380	356334.36169	0.14210	0.10000	0.00000	356334.36169	0.14210	0.5000
3065:	50	25	25	49	25	24	356569.44557	356569.48061	-0.03504	0.10000	0.00000	356569.48061	-0.03504	0.5000
3066:	50	25	26	49	25	25	356569.44557	356569.48061	-0.03504	0.10000	0.00000	356569.48061	-0.03504	0.5000
3067:	48	13	35	47	13	34	356691.57453	356691.57530	-0.00077	0.10000	0.00000	356691.57530	-0.00077	0.5000
3068:	50	24	27	49	24	26	356930.33174	356930.33978	-0.00805	0.10000	0.00000	356930.33978	-0.00805	0.5000
3069:	50	24	26	49	24	25	356930.33174	356930.33978	-0.00805	0.10000	0.00000	356930.33978	-0.00805	0.5000
3070:	49	15	35	48	15	34	356958.07142	356958.08138	-0.00996	0.10000	0.00000	356958.08138	-0.00996	0.5000
3071:	49	15	34	48	15	33	357147.67147	357147.70737	-0.03590	0.10000	0.00000	357147.70737	-0.03590	0.5000
3072:	67	3	64	67	2	65	357156.84881	357156.86685	-0.01804	0.10000	0.00000	357156.86685	-0.01804	0.5000
3073:	67	3	64	67	3	65	357156.84881	357156.86685	-0.01804	0.10000	0.00000	357156.86685	-0.01804	0.5000
3074:	50	23	28	49	23	27	357339.07915	357339.08743	-0.00828	0.10000	0.00000	357339.08743	-0.00828	0.5000
3075:	50	23	27	49	23	26	357339.07915	357339.08743	-0.00828	0.10000	0.00000	357339.08743	-0.00828	0.5000
3076:	57	26	32	57	25	33	357632.25062	357632.27488	-0.02425	0.10000	0.00000	357632.27488	-0.02425	0.5000
3077:	57	26	31	57	25	32	357632.25062	357632.27488	-0.02425	0.10000	0.00000	357632.27488	-0.02425	0.5000
3078:	47	11	36	46	11	35	357615.79636	357615.80690	-0.01054	0.10000	0.00000	357615.80690	-0.01054	0.5000
3079:	50	22	28	49	22	27	357806.00485	357806.02727	-0.02241	0.10000	0.00000	357806.02726	-0.02241	0.5000
3080:	50	22	29	49	22	28	357806.00485	357806.02726	-0.02241	0.10000	0.00000	357806.02726	-0.02241	0.5000
3081:	50	21	30	49	21	29	358344.60142	358344.62160	-0.02018	0.10000	0.00000	358344.62164	-0.02022	0.5000
3082:	50	21	29	49	21	28	358344.60142	358344.62168	-0.02026	0.10000	0.00000	358344.62164	-0.02022	0.5000
3083:	49	14	36	48	14	35	358786.48148	358786.48632	-0.00484	0.10000	0.00000	358786.48632	-0.00484	0.5000
3084:	50	20	31	49	20	30	358972.87656	358972.88535	-0.00879	0.10000	0.00000	358972.88604	-0.00947	0.5000
3085:	50	20	30	49	20	29	358972.87656	358972.88672	-0.01015	0.10000	0.00000	358972.88604	-0.00947	0.5000
3086:	80	10	70	80	10	71	359096.63489	359096.90943	-0.27454	0.10000	0.00000	359096.90945	-0.27456	0.5000
3087:	80	10	70	80	9	71	359096.63489	359096.90947	-0.27458	0.10000	0.00000	359096.90945	-0.27456	0.5000
3088:	49	12	38	48	12	37	359164.28868	359164.29693	-0.00825	0.10000	0.00000	359164.29693	-0.00825	0.5000
3089:	49	10	39	48	10	38	359498.12046	359498.13713	-0.01668	0.10000	0.00000	359498.13713	-0.01668	0.5000
3090:	50	19	32	49	19	31	359715.65349	359715.65800	-0.00451	0.10000	0.00000	359715.66917	-0.01568	0.5000
3091:	50	19	31	49	19	30	359715.65349	359715.68034	-0.02685	0.10000	0.00000	359715.66917	-0.01568	0.5000
3092:	49	13	37	48	13	36	360063.04378	360063.05269	-0.00891	0.10000	0.00000	360063.05269	-0.00891	0.5000
3093:	49	14	35	48	14	34	360080.06382	360080.05256	0.01126	0.10000	0.00000	360080.05256	0.01126	0.5000
3094:	53	8	46	52	8	45	360451.64768	360451.69442	-0.04674	0.10000	0.00000	360451.69442	-0.04674	0.5000
3095:	53	7	46	52	7	45	360452.87886	360452.78576	0.09310	0.10000	0.00000	360452.78576	0.09310	0.5000
3096:	54	6	48	53	7	47	360462.63842	360462.57836	0.06006	0.10000	0.00000	360462.57836	0.06006	0.5000
3097:	54	7	48	53	7	47	360462.63842	360462.62366	0.01476	0.10000	0.00000	360462.62366	0.01476	0.5000
3098:	54	6	48	53	6	47	360462.63842	360462.66169	-0.02326	0.10000	0.00000	360462.66169	-0.02326	0.5000
3099:	54	7	48	53	6	47	360462.63842	360462.70699	-0.06857	0.10000	0.00000	360462.70699	-0.06857	0.5000
3100:	55	5	50	54	6	49	360591.71447	360591.72402	-0.00955	0.10000	0.00000	360591.72457	-0.01009	0.5000

3101:	55	6	50	54	6	49	360591.71447	360591.72511	-0.01064	0.10000	0.00000	360591.72457	-0.01009	0.5000
3102:	50	18	32	49	18	31	360608.67238	360608.78680	-0.11442	0.10000	0.00000	360608.62848	0.04390	0.5000
3103:	50	18	33	49	18	32	360608.67238	360608.47016	0.20222	0.10000	0.00000	360608.62848	0.04390	0.5000
3104:	52	9	44	51	9	43	360641.94999	360641.94882	0.00117	0.10000	0.00000			
3105:	52	8	44	51	8	43	360664.83575	360664.85719	-0.02144	0.10000	0.00000			
3106:	56	5	52	55	4	51	360790.75442	360790.76589	-0.01147	0.10000	0.00000	360790.76586	-0.01144	0.2500
3107:	56	5	52	55	5	51	360790.75442	360790.76585	-0.01143	0.10000	0.00000	360790.76586	-0.01144	0.2500
3108:	56	4	52	55	5	51	360790.75442	360790.76583	-0.01141	0.10000	0.00000	360790.76586	-0.01144	0.2500
3109:	56	4	52	55	4	51	360790.75442	360790.76587	-0.01145	0.10000	0.00000	360790.76586	-0.01144	0.2500
3110:	51	40	12	50	40	11	360920.77635	360920.29934	0.47702	0.10000	0.00000	360920.29934	0.47702	0.5000
3111:	51	40	11	50	40	10	360920.77635	360920.29934	0.47702	0.10000	0.00000	360920.29934	0.47702	0.5000
3112:	57	3	54	56	3	53	361031.56025	361031.57026	-0.01001	0.10000	0.00000	361031.57026	-0.01001	0.5000
3113:	57	3	54	56	4	53	361031.56025	361031.57026	-0.01001	0.10000	0.00000	361031.57026	-0.01001	0.5000
3114:	51	10	42	50	10	41	361108.08262	361108.11457	-0.03195	0.10000	0.00000			
3115:	51	38	13	50	38	12	361155.59442	361155.55354	0.04088	0.10000	0.00000	361155.55354	0.04088	0.5000
3116:	51	38	14	50	38	13	361155.59442	361155.55354	0.04088	0.10000	0.00000	361155.55354	0.04088	0.5000
3117:	58	2	56	57	3	55	361296.76877	361296.77102	-0.00224	0.10000	0.00000	361296.77102	-0.00224	0.2500
3118:	58	2	56	57	2	55	361296.76877	361296.77102	-0.00224	0.10000	0.00000	361296.77102	-0.00224	0.2500
3119:	58	3	56	57	2	55	361296.76877	361296.77102	-0.00224	0.10000	0.00000	361296.77102	-0.00224	0.2500
3120:	58	3	56	57	3	55	361296.76877	361296.77102	-0.00224	0.10000	0.00000	361296.77102	-0.00224	0.2500
3121:	50	11	40	49	11	39	361368.43616	361368.45083	-0.01467	0.10000	0.00000			
3122:	51	36	15	50	36	14	361417.79625	361417.74527	0.05098	0.10000	0.00000	361417.74527	0.05098	0.5000
3123:	51	36	16	50	36	15	361417.79625	361417.74527	0.05098	0.10000	0.00000	361417.74527	0.05098	0.5000
3124:	51	9	42	50	9	41	361446.21925	361446.23295	-0.01370	0.10000	0.00000			
3125:	51	35	17	50	35	16	361561.20723	361561.18606	0.02117	0.10000	0.00000	361561.18606	0.02117	0.5000
3126:	51	35	16	50	35	15	361561.20723	361561.18606	0.02117	0.10000	0.00000	361561.18606	0.02117	0.5000
3127:	59	1	58	58	1	57	361575.20834	361575.20157	0.00677	0.10000	0.00000	361575.20157	0.00677	0.2500
3128:	59	2	58	58	1	57	361575.20834	361575.20157	0.00677	0.10000	0.00000	361575.20157	0.00677	0.2500
3129:	59	2	58	58	2	57	361575.20834	361575.20157	0.00677	0.10000	0.00000	361575.20157	0.00677	0.2500
3130:	59	1	58	58	2	57	361575.20834	361575.20157	0.00677	0.10000	0.00000	361575.20157	0.00677	0.2500
3131:	50	17	34	49	17	33	361703.87025	361703.87505	-0.00480	0.10000	0.00000			
3132:	50	17	33	49	17	32	361707.68769	361707.70380	-0.01621	0.10000	0.00000			
3133:	51	34	17	50	34	16	361714.30530	361714.33109	-0.02579	0.10000	0.00000	361714.33109	-0.02579	0.5000
3134:	51	34	18	50	34	17	361714.30530	361714.33109	-0.02579	0.10000	0.00000	361714.33109	-0.02579	0.5000
3135:	60	0	60	59	1	59	361859.45785	361859.46320	-0.00535	0.10000	0.00000	361859.46320	-0.00535	0.5000
3136:	60	0	60	59	0	59	361859.45785	361859.46320	-0.00535	0.10000	0.00000	361859.46320	-0.00535	0.5000
3137:	51	33	19	50	33	18	361878.57407	361878.50738	0.06669	0.10000	0.00000	361878.50738	0.06669	0.5000
3138:	51	33	18	50	33	17	361878.57407	361878.50738	0.06669	0.10000	0.00000	361878.50738	0.06669	0.5000
3139:	51	32	20	50	32	19	362055.31909	362055.26231	0.05678	0.10000	0.00000	362055.26231	0.05678	0.5000
3140:	51	32	19	50	32	18	362055.31909	362055.26231	0.05678	0.10000	0.00000	362055.26231	0.05678	0.5000
3141:	51	31	21	50	31	20	362246.38777	362246.41036	-0.02259	0.10000	0.00000	362246.41036	-0.02259	0.5000
3142:	51	31	20	50	31	19	362246.38777	362246.41036	-0.02259	0.10000	0.00000	362246.41036	-0.02259	0.5000
3143:	26	13	14	25	12	13	362353.67689	362353.61025	0.06663	0.10000	0.00000	362353.62502	0.05187	0.5000
3144:	26	13	13	25	12	14	362353.67689	362353.63978	0.03711	0.10000	0.00000	362353.62502	0.05187	0.5000
3145:	51	30	22	50	30	21	362454.09453	362454.09233	0.00220	0.10000	0.00000	362454.09233	0.00220	0.5000
3146:	51	30	21	50	30	20	362454.09453	362454.09233	0.00220	0.10000	0.00000	362454.09233	0.00220	0.5000
3147:	51	29	23	50	29	22	362680.83903	362680.85117	-0.01215	0.10000	0.00000	362680.85117	-0.01215	0.5000
3148:	51	29	22	50	29	21	362680.83903	362680.85117	-0.01215	0.10000	0.00000	362680.85117	-0.01215	0.5000
3149:	24	14	10	23	13	11	362818.14696	362818.12399	0.02297	0.10000	0.00000	362818.12394	0.02302	0.5000

3150:	24	14	11	23	13	10	362818.14696	362818.12390	0.02306	0.10000	0.00000	362818.12394	0.02302	0.5000
3151:	51	28	23	50	28	22	362929.67582	362929.73013	-0.05432	0.10000	0.00000	362929.73013	-0.05432	0.5000
3152:	51	28	24	50	28	23	362929.67582	362929.73013	-0.05432	0.10000	0.00000	362929.73013	-0.05432	0.5000
3153:	50	16	35	49	16	34	363076.46606	363076.46491	0.00115	0.10000	0.00000			
3154:	22	15	7	21	14	8	363086.67480	363086.64543	0.02937	0.10000	0.00000	363086.64543	0.02937	0.5000
3155:	22	15	8	21	14	7	363086.67480	363086.64543	0.02937	0.10000	0.00000	363086.64543	0.02937	0.5000
3156:	50	16	34	49	16	33	363115.21166	363115.24206	-0.03040	0.10000	0.00000			
3157:	52	11	41	51	12	40	363143.84252	363143.88142	-0.03890	0.10000	0.00000			
3158:	38	26	13	38	25	14	363165.50267	363165.32887	0.17381	0.10000	0.00000	363165.32887	0.17381	0.5000
3159:	38	26	12	38	25	13	363165.50267	363165.32887	0.17381	0.10000	0.00000	363165.32887	0.17381	0.5000
3160:	51	27	25	50	27	24	363204.38903	363204.40163	-0.01260	0.10000	0.00000	363204.40163	-0.01260	0.5000
3161:	51	27	24	50	27	23	363204.38903	363204.40163	-0.01260	0.10000	0.00000	363204.40163	-0.01260	0.5000
3162:	51	10	41	50	11	40	363231.26268	363231.78724	-0.52456	0.10000	0.00000			
3163:	20	16	5	19	15	4	363266.26019	363266.30028	-0.04009	0.10000	0.00000	363266.30028	-0.04009	0.5000
3164:	20	16	4	19	15	5	363266.26019	363266.30028	-0.04009	0.10000	0.00000	363266.30028	-0.04009	0.5000
3165:	18	17	2	17	16	1	363409.61384	363409.55684	0.05700	0.10000	0.00000	363409.55684	0.05700	0.5000
3166:	18	17	1	17	16	2	363409.61384	363409.55684	0.05700	0.10000	0.00000	363409.55684	0.05700	0.5000
3167:	51	26	25	50	26	24	363509.29647	363509.33907	-0.04261	0.10000	0.00000	363509.33907	-0.04261	0.5000
3168:	51	26	26	50	26	25	363509.29647	363509.33907	-0.04261	0.10000	0.00000	363509.33907	-0.04261	0.5000
3169:	34	26	9	34	25	10	363682.81261	363682.83163	-0.01902	0.10000	0.00000	363682.83163	-0.01902	0.5000
3170:	34	26	8	34	25	9	363682.81261	363682.83163	-0.01902	0.10000	0.00000	363682.83163	-0.01902	0.5000
3171:	51	25	26	50	25	25	363850.04227	363850.04983	-0.00756	0.10000	0.00000	363850.04983	-0.00756	0.5000
3172:	51	25	27	50	25	26	363850.04227	363850.04983	-0.00756	0.10000	0.00000	363850.04983	-0.00756	0.5000
3173:	48	12	36	47	12	35	363987.25836	363987.26216	-0.00380	0.10000	0.00000			
3174:	51	24	27	50	24	26	364233.39005	364233.39780	-0.00775	0.10000	0.00000	364233.39780	-0.00775	0.5000
3175:	51	24	28	50	24	27	364233.39005	364233.39780	-0.00775	0.10000	0.00000	364233.39780	-0.00775	0.5000
3176:	48	11	37	47	11	36	364258.52583	364258.53175	-0.00591	0.10000	0.00000			
3177:	50	10	40	49	10	39	364450.69232	364450.70431	-0.01199	0.10000	0.00000			
3178:	51	23	29	50	23	28	364668.04903	364668.06055	-0.01152	0.10000	0.00000	364668.06055	-0.01152	0.5000
3179:	51	23	28	50	23	27	364668.04903	364668.06055	-0.01152	0.10000	0.00000	364668.06055	-0.01152	0.5000
3180:	70	4	66	70	4	67	364685.41541	364685.31141	0.10401	0.10000	0.00000	364685.31141	0.10401	0.2500
3181:	70	4	66	70	3	67	364685.41541	364685.31141	0.10401	0.10000	0.00000	364685.31141	0.10401	0.2500
3182:	70	5	66	70	3	67	364685.41541	364685.31141	0.10401	0.10000	0.00000	364685.31141	0.10401	0.2500
3183:	70	5	66	70	4	67	364685.41541	364685.31141	0.10401	0.10000	0.00000	364685.31141	0.10401	0.2500
3184:	50	15	36	49	15	35	364785.47959	364785.49991	-0.02032	0.10000	0.00000			
3185:	50	15	35	49	15	34	365104.54165	365104.53231	0.00935	0.10000	0.00000			
3186:	51	22	30	50	22	29	365165.19263	365165.19593	-0.00330	0.10000	0.00000	365165.19594	-0.00330	0.5000
3187:	51	22	29	50	22	28	365165.19263	365165.19594	-0.00331	0.10000	0.00000	365165.19594	-0.00330	0.5000
3188:	69	27	42	69	26	43	365236.17572	365236.11438	0.06135	0.10000	0.00000	365236.11451	0.06122	0.5000
3189:	69	27	43	69	26	44	365236.17572	365236.11464	0.06109	0.10000	0.00000	365236.11451	0.06122	0.5000
3190:	51	21	30	50	21	29	365739.43413	365739.44766	-0.01353	0.10000	0.00000	365739.44757	-0.01344	0.5000
3191:	51	21	31	50	21	30	365739.43413	365739.44749	-0.01336	0.10000	0.00000	365739.44757	-0.01344	0.5000
3192:	50	12	39	49	12	38	365940.64402	365940.64308	0.00094	0.10000	0.00000			
3193:	49	13	36	48	13	35	365990.50810	365990.49537	0.01273	0.10000	0.00000			
3194:	54	8	47	53	8	46	366388.68405	366388.36959	0.31445	0.10000	0.00000	366388.67881	0.00523	0.5000
3195:	54	7	47	53	7	46	366388.68405	366388.98803	-0.30398	0.10000	0.00000	366388.67881	0.00523	0.5000
3196:	51	20	32	50	20	31	366410.51960	366410.52505	-0.00545	0.10000	0.00000	366410.52655	-0.00695	0.5000
3197:	51	20	31	50	20	30	366410.51960	366410.52804	-0.00844	0.10000	0.00000	366410.52655	-0.00695	0.5000
3198:	55	7	49	54	7	48	366416.72188	366416.72564	-0.00376	0.10000	0.00000	366416.73603	-0.01414	0.2500

3199:	55	7	49	54	6	48	366416.72188	366416.77094	-0.04906	0.10000	0.00000	366416.73603	-0.01414	0.2500
3200:	55	6	49	54	6	48	366416.72188	366416.74641	-0.02453	0.10000	0.00000	366416.73603	-0.01414	0.2500
3201:	55	6	49	54	7	48	366416.72188	366416.70111	0.02077	0.10000	0.00000	366416.73603	-0.01414	0.2500
3202:	53	9	45	52	9	44	366546.35079	366546.34734	0.00345	0.10000	0.00000			
3203:	56	5	51	55	6	50	366554.75265	366554.77022	-0.01757	0.10000	0.00000	366554.77051	-0.01786	0.5000
3204:	56	6	51	55	6	50	366554.75265	366554.77080	-0.01815	0.10000	0.00000	366554.77051	-0.01786	0.5000
3205:	53	8	45	52	8	44	366559.92150	366559.92715	-0.00565	0.10000	0.00000			
3206:	50	14	37	49	14	36	366625.13980	366625.13391	0.00589	0.10000	0.00000			
3207:	57	5	53	56	5	52	366758.37867	366758.38744	-0.00877	0.10000	0.00000	366758.38745	-0.00877	0.2500
3208:	57	4	53	56	4	52	366758.37867	366758.38745	-0.00878	0.10000	0.00000	366758.38745	-0.00877	0.2500
3209:	57	4	53	56	5	52	366758.37867	366758.38743	-0.00876	0.10000	0.00000	366758.38745	-0.00877	0.2500
3210:	57	5	53	56	4	52	366758.37867	366758.38746	-0.00879	0.10000	0.00000	366758.38745	-0.00877	0.2500
3211:	52	10	43	51	10	42	366983.06486	366982.95232	0.11254	0.10000	0.00000			
3212:	58	3	55	57	3	54	367001.46133	367001.46770	-0.00637	0.10000	0.00000	367001.46770	-0.00637	0.5000
3213:	58	3	55	57	4	54	367001.46133	367001.46770	-0.00637	0.10000	0.00000	367001.46770	-0.00637	0.5000
3214:	52	9	43	51	9	42	367195.77683	367195.80230	-0.02546	0.10000	0.00000			
3215:	51	19	33	50	19	32	367205.82149	367205.81099	0.01050	0.10000	0.00000			
3216:	59	3	57	58	3	56	367267.71219	367267.72567	-0.01348	0.10000	0.00000	367267.72567	-0.01348	0.2500
3217:	59	2	57	58	3	56	367267.71219	367267.72567	-0.01348	0.10000	0.00000	367267.72567	-0.01348	0.2500
3218:	59	3	57	58	2	56	367267.71219	367267.72567	-0.01348	0.10000	0.00000	367267.72567	-0.01348	0.2500
3219:	59	2	57	58	2	56	367267.71219	367267.72567	-0.01348	0.10000	0.00000			
3220:	51	11	41	50	11	40	367414.43800	367414.61741	-0.17941	0.10000	0.00000			
3221:	60	1	59	59	2	58	367546.57628	367546.58841	-0.01213	0.10000	0.00000	367546.58841	-0.01213	0.2500
3222:	60	1	59	59	1	58	367546.57628	367546.58841	-0.01213	0.10000	0.00000	367546.58841	-0.01213	0.2500
3223:	60	2	59	59	2	58	367546.57628	367546.58841	-0.01213	0.10000	0.00000	367546.58841	-0.01213	0.2500
3224:	60	2	59	59	1	58	367546.57628	367546.58841	-0.01213	0.10000	0.00000	367546.58841	-0.01213	0.2500
3225:	50	13	38	49	13	37	367559.41664	367559.41836	-0.00172	0.10000	0.00000			
3226:	52	43	9	51	43	8	367716.57829	367716.42122	0.15707	0.10000	0.00000	367716.42122	0.15707	0.5000
3227:	52	43	10	51	43	9	367716.57829	367716.42122	0.15707	0.10000	0.00000	367716.42122	0.15707	0.5000
3228:	52	42	10	51	42	9	367821.66962	367821.57352	0.09610	0.10000	0.00000	367821.57352	0.09610	0.5000
3229:	52	42	11	51	42	10	367821.66962	367821.57352	0.09610	0.10000	0.00000	367821.57352	0.09610	0.5000
3230:	61	1	61	60	1	60	367830.99005	367830.99307	-0.00302	0.10000	0.00000	367830.99307	-0.00302	0.2500
3231:	61	0	61	60	1	60	367830.99005	367830.99307	-0.00302	0.10000	0.00000	367830.99307	-0.00302	0.2500
3232:	61	0	61	60	0	60	367830.99005	367830.99307	-0.00302	0.10000	0.00000	367830.99307	-0.00302	0.2500
3233:	61	1	61	60	0	60	367830.99005	367830.99307	-0.00302	0.10000	0.00000	367830.99307	-0.00302	0.2500
3234:	52	40	12	51	40	11	368045.98869	368045.87751	0.11118	0.10000	0.00000	368045.87751	0.11118	0.5000
3235:	52	40	13	51	40	12	368045.98869	368045.87751	0.11118	0.10000	0.00000	368045.87751	0.11118	0.5000
3236:	51	18	34	50	18	33	368165.08268	368164.80881	0.27387	0.10000	0.00000	368165.12164	-0.03896	0.5000
3237:	51	18	33	50	18	32	368165.08268	368165.43447	-0.35179	0.10000	0.00000	368165.12164	-0.03896	0.5000
3238:	29	12	18	28	11	17	368238.96838	368238.94632	0.02206	0.10000	0.00000			
3239:	29	12	17	28	11	18	368248.22382	368248.23181	-0.00799	0.10000	0.00000			
3240:	52	37	15	51	37	14	368426.74935	368426.66979	0.07956	0.10000	0.00000	368426.66979	0.07956	0.5000
3241:	52	37	16	51	37	15	368426.74935	368426.66979	0.07956	0.10000	0.00000	368426.66979	0.07956	0.5000
3242:	52	36	17	51	36	16	368568.59266	368568.54913	0.04354	0.10000	0.00000			
3243:	50	14	36	49	14	35	368623.35396	368623.26530	0.08866	0.10000	0.00000			
3244:	52	35	18	51	35	17	368719.80083	368719.54760	0.05323	0.10000	0.00000			
3245:	64	27	37	64	26	38	368817.88667	368817.92643	-0.03976	0.10000	0.00000	368817.92643	-0.03976	0.5000
3246:	64	27	38	64	26	39	368817.88667	368817.92643	-0.03976	0.10000	0.00000	368817.92643	-0.03976	0.5000
3247:	52	34	18	51	34	17	368880.82728	368880.88182	-0.05454	0.10000	0.00000	368880.88182	-0.05454	0.5000

3248:	52	34	19	51	34	18	368880.82728	368880.88182	-0.05454	0.10000	0.00000	368880.88182	-0.05454	0.5000
3249:	52	33	20	51	33	19	369053.95991	369053.96374	-0.00383	0.10000	0.00000	369053.96374	-0.00383	0.5000
3250:	52	33	19	51	33	18	369053.95991	369053.96374	-0.00383	0.10000	0.00000	369053.96374	-0.00383	0.5000
3251:	47	11	37	46	10	36	369208.50444	369208.33666	0.16779	0.10000	0.00000			
3252:	52	32	20	51	32	19	369240.45662	369240.44068	0.01594	0.10000	0.00000	369240.44068	0.01594	0.5000
3253:	52	32	21	51	32	20	369240.45662	369240.44068	0.01594	0.10000	0.00000	369240.44068	0.01594	0.5000
3254:	27	13	15	26	12	14	369286.67323	369286.58895	0.08428	0.10000	0.00000			
3255:	51	17	35	50	17	34	369346.02100	369346.00430	0.01670	0.10000	0.00000			
3256:	51	17	34	50	17	33	369353.16160	369353.16540	-0.00380	0.10000	0.00000			
3257:	52	31	22	51	31	21	369442.24654	369442.24558	0.00096	0.10000	0.00000	369442.24558	0.00096	0.5000
3258:	52	31	21	51	31	20	369442.24654	369442.24558	0.00096	0.10000	0.00000	369442.24558	0.00096	0.5000
3259:	51	10	41	50	10	40	369568.50675	369568.50920	-0.00244	0.10000	0.00000			
3260:	52	30	23	51	30	22	369661.66357	369661.66080	0.00277	0.10000	0.00000	369661.66080	0.00277	0.5000
3261:	52	30	22	51	30	21	369661.66357	369661.66080	0.00277	0.10000	0.00000	369661.66080	0.00277	0.5000
3262:	25	14	11	24	13	12	369827.78227	369827.72615	0.05612	0.10000	0.00000			
3263:	52	29	23	51	29	22	369901.39226	369901.39987	-0.00761	0.10000	0.00000	369901.39987	-0.00761	0.5000
3264:	52	29	24	51	29	23	369901.39226	369901.39987	-0.00761	0.10000	0.00000	369901.39987	-0.00761	0.5000
3265:	23	15	9	22	14	8	370134.88536	370134.80015	0.08521	0.10000	0.00000	370134.80015	0.08521	0.5000
3266:	23	15	8	22	14	9	370134.88536	370134.80015	0.08521	0.10000	0.00000	370134.80015	0.08521	0.5000
3267:	52	28	24	51	28	23	370164.66848	370164.71374	-0.04525	0.10000	0.00000	370164.71374	-0.04525	0.5000
3268:	52	28	25	51	28	24	370164.66848	370164.71374	-0.04525	0.10000	0.00000	370164.71374	-0.04525	0.5000
3269:	49	11	38	48	11	37	370226.92461	370226.91905	0.00556	0.10000	0.00000			
3270:	21	16	5	20	15	6	370332.90650	370332.81204	0.09445	0.10000	0.00000	370332.81204	0.09445	0.5000
3271:	21	16	6	20	15	5	370332.90650	370332.81204	0.09445	0.10000	0.00000	370332.81204	0.09445	0.5000
3272:	52	27	25	51	27	24	370455.51352	370455.53057	-0.01706	0.10000	0.00000	370455.53057	-0.01706	0.5000
3273:	52	27	26	51	27	25	370455.51352	370455.53057	-0.01706	0.10000	0.00000	370455.53057	-0.01706	0.5000
3274:	19	17	3	18	16	2	370483.47917	370483.43643	0.04275	0.10000	0.00000	370483.43643	0.04275	0.5000
3275:	19	17	2	18	16	3	370483.47917	370483.43643	0.04275	0.10000	0.00000	370483.43643	0.04275	0.5000
3276:	52	26	27	51	26	26	370778.62775	370778.64286	-0.01510	0.10000	0.00000	370778.64286	-0.01510	0.5000
3277:	52	26	26	51	26	25	370778.62775	370778.64286	-0.01510	0.10000	0.00000	370778.64286	-0.01510	0.5000
3278:	50	11	40	49	10	39	370787.32169	370787.42627	-0.10458	0.10000	0.00000			
3279:	51	16	36	50	16	35	370828.10945	370828.11440	-0.00495	0.10000	0.00000			
3280:	51	16	35	50	16	34	370896.46162	370896.48694	-0.02532	0.10000	0.00000			
3281:	60	27	33	60	26	34	371099.83602	371099.82137	0.01465	0.10000	0.00000	371099.82137	0.01465	0.5000
3282:	60	27	34	60	26	35	371099.83602	371099.82137	0.01465	0.10000	0.00000	371099.82137	0.01465	0.5000
3283:	52	25	27	51	25	26	371139.94619	371139.96216	-0.01597	0.10000	0.00000	371139.96216	-0.01597	0.5000
3284:	52	25	28	51	25	27	371139.94619	371139.96216	-0.01597	0.10000	0.00000	371139.96216	-0.01597	0.5000
3285:	52	24	29	51	24	28	371546.81827	371546.87363	-0.05536	0.10000	0.00000	371546.87363	-0.05536	0.5000
3286:	52	24	28	51	24	27	371546.81827	371546.87363	-0.05536	0.10000	0.00000	371546.87363	-0.05536	0.5000
3287:	52	23	29	51	23	28	372008.71797	372008.74148	-0.02351	0.10000	0.00000	372008.74148	-0.02351	0.5000
3288:	52	23	30	51	23	29	372008.71797	372008.74148	-0.02351	0.10000	0.00000	372008.74148	-0.02351	0.5000
3289:	58	27	31	58	26	32	372075.16389	372075.25930	-0.09540	0.10000	0.00000	372075.25930	-0.09540	0.5000
3290:	58	27	32	58	26	33	372075.16389	372075.25930	-0.09540	0.10000	0.00000	372075.25930	-0.09540	0.5000
3291:	55	7	48	54	7	47	372327.32330	372327.58428	-0.26097	0.10000	0.00000	372327.20546	0.11784	0.3333
3292:	55	8	48	54	8	47	372327.32330	372327.23572	0.08759	0.10000	0.00000	372327.20546	0.11784	0.3333
3293:	55	7	48	54	8	47	372327.32330	372326.79639	0.52691	0.10000	0.00000	372327.20546	0.11784	0.3333
3294:	56	7	50	55	7	49	372371.47476	372371.48562	-0.01086	0.10000	0.00000	372371.49127	-0.01651	0.2500
3295:	56	6	50	55	6	49	372371.47476	372371.49691	-0.02216	0.10000	0.00000	372371.49127	-0.01651	0.2500
3296:	56	7	50	55	6	49	372371.47476	372371.51016	-0.03540	0.10000	0.00000	372371.49127	-0.01651	0.2500

3297:	56	6	50	55	7	49	372371.47476	372371.47238	0.00238	0.10000	0.00000	372371.49127	-0.01651	0.2500
3298:	54	9	46	53	9	45	372455.54381	372455.30336	0.24045	0.10000	0.00000			
3299:	54	8	46	53	8	45	372463.27818	372463.29275	-0.01457	0.10000	0.00000			
3300:	57	6	52	56	6	51	372517.75156	372517.76828	-0.01672	0.10000	0.00000	372517.76842	-0.01686	0.2500
3301:	57	5	52	56	6	51	372517.75156	372517.76798	-0.01642	0.10000	0.00000	372517.76842	-0.01686	0.2500
3302:	57	6	52	56	5	51	372517.75156	372517.76885	-0.01729	0.10000	0.00000	372517.76842	-0.01686	0.2500
3303:	57	5	52	56	5	51	372517.75156	372517.76855	-0.01699	0.10000	0.00000	372517.76842	-0.01686	0.2500
3304:	51	12	40	50	12	39	372535.82966	372535.89060	-0.06094	0.10000	0.00000			
3305:	52	22	31	51	22	30	372537.66638	372537.65161	0.01477	0.10000	0.00000	372537.65162	0.01476	0.5000
3306:	52	22	30	51	22	29	372537.66638	372537.65163	0.01475	0.10000	0.00000	372537.65162	0.01476	0.5000
3307:	51	15	37	50	15	36	372642.17777	372642.18605	-0.00828	0.10000	0.00000			
3308:	49	12	37	48	12	36	372716.69916	372716.65108	0.04808	0.10000	0.00000			
3309:	58	5	54	57	5	53	372725.63014	372725.64216	-0.01202	0.10000	0.00000	372725.64215	-0.01201	0.5000
3310:	58	4	54	57	5	53	372725.63014	372725.64215	-0.01201	0.10000	0.00000	372725.64215	-0.01201	0.5000
3311:	32	11	21	31	10	22	372828.22981	372828.22524	0.00457	0.10000	0.00000			
3312:	53	10	44	52	10	43	372854.88439	372854.89395	-0.00956	0.10000	0.00000			
3313:	59	4	56	58	3	55	372970.84128	372970.85790	-0.01662	0.10000	0.00000	372970.85790	-0.01662	0.2500
3314:	59	4	56	58	4	55	372970.84128	372970.85790	-0.01662	0.10000	0.00000	372970.85790	-0.01662	0.2500
3315:	59	3	56	58	4	55	372970.84128	372970.85790	-0.01662	0.10000	0.00000	372970.85790	-0.01662	0.2500
3316:	59	3	56	58	3	55	372970.84128	372970.85790	-0.01662	0.10000	0.00000	372970.85790	-0.01662	0.2500
3317:	53	9	44	52	9	43	372987.32105	372987.31312	0.00792	0.10000	0.00000			
3318:	52	21	32	51	21	31	373149.56198	373149.54192	0.02006	0.10000	0.00000	373149.54211	0.01987	0.5000
3319:	52	21	31	51	21	30	373149.56198	373149.54230	0.01968	0.10000	0.00000	373149.54211	0.01987	0.5000
3320:	51	15	36	50	15	35	373167.77294	373167.77617	-0.00323	0.10000	0.00000			
3321:	60	3	58	59	2	57	373238.10484	373238.11591	-0.01107	0.10000	0.00000	373238.11591	-0.01107	0.2500
3322:	60	3	58	59	3	57	373238.10484	373238.11591	-0.01107	0.10000	0.00000	373238.11591	-0.01107	0.2500
3323:	60	2	58	59	2	57	373238.10484	373238.11591	-0.01107	0.10000	0.00000	373238.11591	-0.01107	0.2500
3324:	60	2	58	59	3	57	373238.10484	373238.11591	-0.01107	0.10000	0.00000	373238.11591	-0.01107	0.2500
3325:	55	27	29	55	26	30	373356.74245	373356.60158	0.14087	0.10000	0.00000	373356.60158	0.14087	0.5000
3326:	55	27	28	55	26	29	373356.74245	373356.60158	0.14087	0.10000	0.00000	373356.60158	0.14087	0.5000
3327:	52	11	42	51	11	41	373388.07241	373388.07290	-0.00049	0.10000	0.00000			
3328:	75	6	69	75	6	70	373423.42903	373423.43910	-0.01007	0.10000	0.00000	373423.43910	-0.01007	0.2500
3329:	75	6	69	75	5	70	373423.42903	373423.43910	-0.01007	0.10000	0.00000	373423.43910	-0.01007	0.2500
3330:	75	7	69	75	5	70	373423.42903	373423.43910	-0.01007	0.10000	0.00000	373423.43910	-0.01007	0.2500
3331:	75	7	69	75	6	70	373423.42903	373423.43910	-0.01007	0.10000	0.00000	373423.43910	-0.01007	0.2500
3332:	60	14	46	59	15	45	373495.78148	373495.87045	-0.08897	0.10000	0.00000			
3333:	61	2	60	60	2	59	373517.36265	373517.39137	-0.02872	0.10000	0.00000	373517.39137	-0.02872	0.2500
3334:	61	1	60	60	1	59	373517.36265	373517.39137	-0.02872	0.10000	0.00000	373517.39137	-0.02872	0.2500
3335:	61	1	60	60	2	59	373517.36265	373517.39137	-0.02872	0.10000	0.00000	373517.39137	-0.02872	0.2500
3336:	61	2	60	60	1	59	373517.36265	373517.39137	-0.02872	0.10000	0.00000	373517.39137	-0.02872	0.2500
3337:	51	11	41	50	10	40	373751.31460	373751.33937	-0.02478	0.10000	0.00000			
3338:	62	0	62	61	0	61	373801.92776	373801.93477	-0.00701	0.10000	0.00000	373801.93477	-0.00701	0.5000
3339:	62	0	62	61	1	61	373801.92776	373801.93477	-0.00701	0.10000	0.00000	373801.93477	-0.00701	0.5000
3340:	52	20	33	51	20	32	373865.98074	373865.99910	-0.01837	0.10000	0.00000	373866.00232	-0.02158	0.5000
3341:	52	20	32	51	20	31	373865.98074	373866.00553	-0.02480	0.10000	0.00000	373866.00232	-0.02158	0.5000
3342:	51	14	38	50	14	37	374430.70636	374430.69804	0.00832	0.10000	0.00000			
3343:	52	19	34	51	19	33	374717.24342	374717.25392	-0.01050	0.10000	0.00000	374717.30150	-0.05808	0.5000
3344:	52	19	33	51	19	32	374717.24342	374717.34908	-0.10566	0.10000	0.00000	374717.30150	-0.05808	0.5000
3345:	53	44	9	52	44	8	374723.75665	374723.56442	0.19223	0.10000	0.00000	374723.56442	0.19223	0.5000

3346:	53	44	10	52	44	9	374723.75665	374723.56442	0.19223	0.10000	0.00000	374723.56442	0.19223	0.5000
3347:	53	43	11	52	43	10	374829.55781	374829.31063	0.24718	0.10000	0.00000	374829.31063	0.24718	0.5000
3348:	53	43	10	52	43	9	374829.55781	374829.31063	0.24718	0.10000	0.00000	374829.31063	0.24718	0.5000
3349:	52	10	42	51	10	41	374854.34343	374854.37154	-0.02811	0.10000	0.00000			
3350:	51	13	39	50	13	38	374909.23865	374909.19814	0.04051	0.10000	0.00000			
3351:	53	42	11	52	42	10	374939.47975	374939.32846	0.15129	0.10000	0.00000	374939.32846	0.15129	0.5000
3352:	53	42	12	52	42	11	374939.47975	374939.32846	0.15129	0.10000	0.00000	374939.32846	0.15129	0.5000
3353:	30	12	19	29	11	18	374960.64725	374960.56324	0.08402	0.10000	0.00000			
3354:	63	16	48	64	11	53	375054.21103	375054.22655	-0.01551	0.10000	0.00000	375054.16239	0.04864	0.3333
3355:	53	41	12	52	41	11	375054.21103	375054.13032	0.08072	0.10000	0.00000	375054.16239	0.04864	0.3333
3356:	53	41	13	52	41	12	375054.21103	375054.13032	0.08072	0.10000	0.00000	375054.16239	0.04864	0.3333
3357:	50	27	23	50	26	24	375071.04720	375071.29255	-0.24535	0.10000	0.00000	375071.29255	-0.24535	0.5000
3358:	50	27	24	50	26	25	375071.04720	375071.29255	-0.24535	0.10000	0.00000	375071.29255	-0.24535	0.5000
3359:	53	39	14	52	39	13	375300.56972	375300.47639	0.09332	0.10000	0.00000	375300.47639	0.09332	0.5000
3360:	53	39	15	52	39	14	375300.56972	375300.47639	0.09332	0.10000	0.00000	375300.47639	0.09332	0.5000
3361:	34	10	24	33	9	25	375370.96729	375371.14673	-0.17943	0.10000	0.00000			
3362:	53	38	15	52	38	14	375433.46481	375433.42017	0.04464	0.10000	0.00000	375433.42017	0.04464	0.5000
3363:	53	38	16	52	38	15	375433.46481	375433.42017	0.04464	0.10000	0.00000	375433.42017	0.04464	0.5000
3364:	50	13	37	49	13	36	375470.41825	375470.41682	0.00143	0.10000	0.00000			
3365:	53	37	16	52	37	15	375573.91462	375573.97522	-0.06059	0.10000	0.00000	375573.97522	-0.06059	0.5000
3366:	53	37	17	52	37	16	375573.91462	375573.97522	-0.06059	0.10000	0.00000	375573.97522	-0.06059	0.5000
3367:	50	11	39	49	11	38	375614.92824	375614.93283	-0.00458	0.10000	0.00000			
3368:	48	27	22	48	26	23	375629.85755	375629.73658	0.12097	0.10000	0.00000	375629.73658	0.12097	0.5000
3369:	48	27	21	48	26	22	375629.85755	375629.73658	0.12097	0.10000	0.00000	375629.73658	0.12097	0.5000
3370:	53	36	18	52	36	17	375723.10847	375723.11424	-0.00577	0.10000	0.00000	375723.11424	-0.00577	0.5000
3371:	53	36	17	52	36	16	375723.10847	375723.11424	-0.00577	0.10000	0.00000	375723.11424	-0.00577	0.5000
3372:	52	18	35	51	18	34	375747.18510	375747.27161	-0.08651	0.10000	0.00000			
3373:	52	18	34	51	18	33	375748.55173	375748.48551	0.06622	0.10000	0.00000			
3374:	53	35	19	52	35	18	375881.96366	375881.95601	0.00765	0.10000	0.00000	375881.95601	0.00765	0.5000
3375:	53	35	18	52	35	17	375881.96366	375881.95601	0.00765	0.10000	0.00000	375881.95601	0.00765	0.5000
3376:	47	27	21	47	26	22	375884.72073	375884.72189	-0.00117	0.10000	0.00000	375884.72189	-0.00117	0.5000
3377:	47	27	20	47	26	21	375884.72073	375884.72189	-0.00117	0.10000	0.00000	375884.72189	-0.00117	0.5000
3378:	53	34	20	52	34	19	376051.83765	376051.79325	0.04440	0.10000	0.00000	376051.79325	0.04440	0.5000
3379:	53	34	19	52	34	18	376051.83765	376051.79325	0.04440	0.10000	0.00000	376051.79325	0.04440	0.5000
3380:	28	13	15	27	12	16	376192.00353	376192.09058	-0.08705	0.10000	0.00000	376191.98912	0.01441	0.5000
3381:	28	13	16	27	12	15	376192.00353	376191.88767	0.11586	0.10000	0.00000	376191.98912	0.01441	0.5000
3382:	81	10	72	81	8	73	376219.80305	376219.91813	-0.11509	0.10000	0.00000	376219.91812	-0.11507	0.2500
3383:	81	10	72	81	9	73	376219.80305	376219.91813	-0.11508	0.10000	0.00000	376219.91812	-0.11507	0.2500
3384:	81	9	72	81	9	73	376219.80305	376219.91811	-0.11506	0.10000	0.00000	376219.91812	-0.11507	0.2500
3385:	81	9	72	81	8	73	376219.80305	376219.91811	-0.11507	0.10000	0.00000	376219.91812	-0.11507	0.2500
3386:	53	33	21	52	33	20	376234.11067	376234.12699	-0.01632	0.10000	0.00000	376234.12699	-0.01632	0.5000
3387:	53	33	20	52	33	19	376234.11067	376234.12699	-0.01632	0.10000	0.00000	376234.12699	-0.01632	0.5000
3388:	53	32	22	52	32	21	376430.70792	376430.70954	-0.00162	0.10000	0.00000	376430.70954	-0.00162	0.5000
3389:	53	32	21	52	32	20	376430.70792	376430.70954	-0.00162	0.10000	0.00000	376430.70954	-0.00162	0.5000
3390:	53	31	23	52	31	22	376643.54924	376643.59849	-0.04925	0.10000	0.00000	376643.59849	-0.04925	0.5000
3391:	53	31	22	52	31	21	376643.54924	376643.59849	-0.04925	0.10000	0.00000	376643.59849	-0.04925	0.5000
3392:	26	14	13	25	13	12	376821.92316	376821.91446	0.00869	0.10000	0.00000	376821.91494	0.00822	0.5000
3393:	26	14	12	25	13	13	376821.92316	376821.91541	0.00775	0.10000	0.00000	376821.91494	0.00822	0.5000
3394:	53	30	24	52	30	23	376875.23936	376875.22532	0.01404	0.10000	0.00000	376875.22532	0.01404	0.5000

3395:	53	30	23	52	30	22	376875.23936	376875.22532	0.01404	0.10000	0.00000	376875.22532	0.01404	0.5000
3396:	42	27	15	42	26	16	376944.62760	376944.63918	-0.01159	0.10000	0.00000	376944.63918	-0.01159	0.5000
3397:	42	27	16	42	26	17	376944.62760	376944.63918	-0.01159	0.10000	0.00000	376944.63918	-0.01159	0.5000
3398:	52	17	36	51	17	35	377020.79121	377020.79800	-0.00679	0.10000	0.00000			
3399:	52	17	35	51	17	34	377033.93945	377033.95094	-0.01149	0.10000	0.00000			
3400:	53	29	25	52	29	24	377128.47291	377128.48371	-0.01081	0.10000	0.00000	377128.48371	-0.01081	0.5000
3401:	53	29	24	52	29	23	377128.47291	377128.48371	-0.01081	0.10000	0.00000	377128.48371	-0.01081	0.5000
3402:	55	12	43	54	13	42	377320.29537	377320.34308	-0.04771	0.10000	0.00000			
3403:	22	16	7	21	15	6	377395.11763	377394.95951	0.15812	0.10000	0.00000	377394.95951	0.15812	0.5000
3404:	22	16	6	21	15	7	377395.11763	377394.95951	0.15812	0.10000	0.00000	377394.95951	0.15812	0.5000
3405:	53	28	25	52	28	24	377406.85233	377406.84443	0.00790	0.10000	0.00000	377406.84443	0.00790	0.5000
3406:	53	28	26	52	28	25	377406.85233	377406.84443	0.00790	0.10000	0.00000	377406.84443	0.00790	0.5000
3407:	51	14	37	50	14	36	377426.72206	377426.73445	-0.01240	0.10000	0.00000			
3408:	39	27	13	39	26	14	377431.05541	377431.02317	0.03224	0.10000	0.00000	377431.02317	0.03224	0.5000
3409:	39	27	12	39	26	13	377431.05541	377431.02317	0.03224	0.10000	0.00000	377431.02317	0.03224	0.5000
3410:	20	17	4	19	16	3	377555.40926	377555.43907	-0.02981	0.10000	0.00000	377555.43907	-0.02981	0.5000
3411:	20	17	3	19	16	4	377555.40926	377555.43907	-0.02981	0.10000	0.00000	377555.43907	-0.02981	0.5000
3412:	18	18	0	17	17	1	377692.39760	377692.34515	0.05245	0.10000	0.00000	377692.34515	0.05245	0.5000
3413:	18	18	1	17	17	0	377692.39760	377692.34515	0.05245	0.10000	0.00000	377692.34515	0.05245	0.5000
3414:	53	27	26	52	27	25	377714.49471	377714.50711	-0.01239	0.10000	0.00000	377714.50711	-0.01239	0.5000
3415:	53	27	27	52	27	26	377714.49471	377714.50711	-0.01239	0.10000	0.00000	377714.50711	-0.01239	0.5000
3416:	53	26	28	52	26	27	378056.58205	378056.60401	-0.02196	0.10000	0.00000	378056.60401	-0.02196	0.5000
3417:	53	26	27	52	26	26	378056.58205	378056.60401	-0.02196	0.10000	0.00000	378056.60401	-0.02196	0.5000
3418:	56	7	49	55	7	48	378268.08584	378268.19396	-0.10812	0.10000	0.00000	378268.09623	-0.01039	0.2500
3419:	56	7	49	55	8	48	378268.08584	378267.75484	0.33121	0.10000	0.00000	378268.09623	-0.01039	0.2500
3420:	56	8	49	55	8	48	378268.08584	378267.99850	0.08734	0.10000	0.00000	378268.09623	-0.01039	0.2500
3421:	56	8	49	55	7	48	378268.08584	378268.43783	-0.35198	0.10000	0.00000	378268.09623	-0.01039	0.2500
3422:	57	7	51	56	7	50	378326.93149	378326.77104	0.16045	0.10000	0.00000	378326.77410	0.15739	0.2500
3423:	57	7	51	56	6	50	378326.93149	378326.78428	0.14721	0.10000	0.00000	378326.77410	0.15739	0.2500
3424:	57	6	51	56	7	50	378326.93149	378326.76392	0.16757	0.10000	0.00000	378326.77410	0.15739	0.2500
3425:	57	6	51	56	6	50	378326.93149	378326.77716	0.15433	0.10000	0.00000	378326.77410	0.15739	0.2500
3426:	55	9	47	54	9	46	378368.60293	378368.57860	0.02433	0.10000	0.00000			
3427:	55	8	47	54	8	46	378373.28231	378373.24605	0.03626	0.10000	0.00000			
3428:	55	9	47	54	8	46	378379.78339	378379.58587	0.19751	0.10000	0.00000			
3429:	30	27	3	30	26	4	378381.74006	378381.95915	-0.21909	0.10000	0.00000	378381.95915	-0.21909	0.5000
3430:	30	27	4	30	26	5	378381.74006	378381.95915	-0.21909	0.10000	0.00000	378381.95915	-0.21909	0.5000
3431:	53	25	28	52	25	27	378439.46737	378439.47888	-0.01151	0.10000	0.00000	378439.47888	-0.01151	0.5000
3432:	53	25	29	52	25	28	378439.46737	378439.47888	-0.01151	0.10000	0.00000	378439.47888	-0.01151	0.5000
3433:	58	6	53	57	5	52	378480.64124	378480.65955	-0.01831	0.10000	0.00000	378480.65932	-0.01808	0.2500
3434:	58	6	53	57	6	52	378480.64124	378480.65925	-0.01801	0.10000	0.00000	378480.65932	-0.01808	0.2500
3435:	58	5	53	57	6	52	378480.64124	378480.65909	-0.01785	0.10000	0.00000	378480.65932	-0.01808	0.2500
3436:	58	5	53	57	5	52	378480.64124	378480.65939	-0.01815	0.10000	0.00000	378480.65932	-0.01808	0.2500
3437:	52	16	37	51	16	36	378617.42969	378617.42074	0.00895	0.10000	0.00000			
3438:	59	4	55	58	5	54	378692.46218	378692.50189	-0.03971	0.10000	0.00000	378692.50190	-0.03972	0.2500
3439:	59	4	55	58	4	54	378692.46218	378692.50190	-0.03972	0.10000	0.00000	378692.50190	-0.03972	0.2500
3440:	59	5	55	58	4	54	378692.46218	378692.50190	-0.03972	0.10000	0.00000	378692.50190	-0.03972	0.2500
3441:	59	5	55	58	5	54	378692.46218	378692.50190	-0.03972	0.10000	0.00000	378692.50190	-0.03972	0.2500
3442:	54	10	45	53	10	44	378727.94443	378727.97770	-0.03326	0.10000	0.00000			
3443:	52	16	36	51	16	35	378735.68272	378735.72598	-0.04326	0.10000	0.00000			

3444:	54	9	45	53	9	44	378809.47102	378809.48871	-0.01769	0.10000	0.00000	378871.07687	-0.03264	0.5000
3445:	53	24	29	52	24	28	378871.04423	378871.07687	-0.03264	0.10000	0.00000	378871.07687	-0.03264	0.5000
3446:	53	24	30	52	24	29	378871.04423	378871.07687	-0.03264	0.10000	0.00000	378871.07687	-0.03264	0.5000
3447:	60	3	57	59	3	56	378939.70982	378939.72485	-0.01503	0.10000	0.00000	378939.72485	-0.01503	0.3333
3448:	60	3	57	59	4	56	378939.70982	378939.72485	-0.01503	0.10000	0.00000	378939.72485	-0.01503	0.3333
3449:	60	4	57	59	4	56	378939.70982	378939.72485	-0.01503	0.10000	0.00000	378939.72485	-0.01503	0.3333
3450:	52	12	41	51	12	40	378962.21466	378962.22477	-0.01011	0.10000	0.00000	378962.22477	-0.01011	0.3333
3451:	61	3	59	60	3	58	379207.92092	379207.93028	-0.00936	0.10000	0.00000	379207.93028	-0.00936	0.3333
3452:	61	2	59	60	3	58	379207.92092	379207.93028	-0.00936	0.10000	0.00000	379207.93028	-0.00936	0.3333
3453:	61	2	59	60	2	58	379207.92092	379207.93028	-0.00936	0.10000	0.00000	379207.93028	-0.00936	0.3333
3454:	53	11	43	52	11	42	379309.66672	379309.66593	0.00078	0.10000	0.00000	379309.66593	0.00078	0.3333
3455:	53	23	30	52	23	29	379361.49300	379361.50427	-0.01128	0.10000	0.00000	379361.50427	-0.01128	0.5000
3456:	53	23	31	52	23	30	379361.49300	379361.50427	-0.01127	0.10000	0.00000	379361.50427	-0.01127	0.5000
3457:	62	1	61	61	1	60	379487.58519	379487.60045	-0.01526	0.10000	0.00000	379487.60045	-0.01526	0.2500
3458:	62	1	61	61	2	60	379487.58519	379487.60045	-0.01526	0.10000	0.00000	379487.60045	-0.01526	0.2500
3459:	62	2	61	61	1	60	379487.58519	379487.60045	-0.01526	0.10000	0.00000	379487.60045	-0.01526	0.2500
3460:	62	2	61	61	2	60	379487.58519	379487.60045	-0.01526	0.10000	0.00000	379487.60045	-0.01526	0.2500
3461:	63	0	63	62	0	62	379772.26036	379772.27864	-0.01828	0.10000	0.00000	379772.27864	-0.01828	0.5000
3462:	63	0	63	62	1	62	379772.26036	379772.27864	-0.01828	0.10000	0.00000	379772.27864	-0.01828	0.5000
3463:	53	22	31	52	22	30	379923.85829	379923.85718	0.00111	0.10000	0.00000	379923.85718	0.00111	0.5000
3464:	53	22	32	52	22	31	379923.85829	379923.85713	0.00116	0.10000	0.00000	379923.85713	0.00116	0.5000
3465:	53	10	43	52	10	42	380286.65832	380286.64285	0.01547	0.10000	0.00000	380286.64285	0.01547	0.5000
3466:	52	15	38	51	15	37	380519.51008	380519.52308	-0.01301	0.10000	0.00000	380519.52308	-0.01301	0.5000
3467:	53	21	33	52	21	32	380575.46134	380575.49498	-0.03365	0.10000	0.00000	380575.49498	-0.03365	0.5000
3468:	53	21	32	52	21	31	380575.46134	380575.49583	-0.03449	0.10000	0.00000	380575.49583	-0.03449	0.5000
3469:	51	11	40	50	11	39	380585.88382	380585.91126	-0.02745	0.10000	0.00000	380585.91126	-0.02745	0.5000
3470:	50	12	38	49	12	37	380857.27557	380857.26814	0.00744	0.10000	0.00000	380857.26814	0.00744	0.5000
3471:	53	20	34	52	20	33	381340.08948	381340.08862	0.00086	0.10000	0.00000	381340.08862	0.00086	0.5000
3472:	53	20	33	52	20	32	381340.08948	381340.10220	-0.01272	0.10000	0.00000	381340.10220	-0.01272	0.5000
3473:	52	15	37	51	15	36	381366.67865	381366.68401	-0.00536	0.10000	0.00000	381366.68401	-0.00536	0.5000
3474:	68	28	41	68	27	42	381615.45976	381615.49750	-0.03774	0.10000	0.00000	381615.49750	-0.03774	0.5000
3475:	68	28	40	68	27	41	381615.45976	381615.49750	-0.03773	0.10000	0.00000	381615.49750	-0.03773	0.5000
3476:	31	12	20	30	11	19	381617.24473	381617.22977	0.01496	0.10000	0.00000	381617.22977	0.01496	0.5000
3477:	54	43	12	53	43	11	381944.71397	381944.56227	0.15170	0.10000	0.00000	381944.56227	0.15170	0.5000
3478:	54	43	11	53	43	10	381944.71397	381944.56227	0.15170	0.10000	0.00000	381944.56227	0.15170	0.5000
3479:	54	42	13	53	42	12	382059.72619	382059.61010	0.11609	0.10000	0.00000	382059.61010	0.11609	0.5000
3480:	54	42	12	53	42	11	382059.72619	382059.61010	0.11609	0.10000	0.00000	382059.61010	0.11609	0.5000
3481:	52	13	40	51	13	39	382090.44694	382090.46151	-0.01457	0.10000	0.00000	382090.46151	-0.01457	0.5000
3482:	52	14	39	51	14	38	382176.32540	382176.32441	0.00100	0.10000	0.00000	382176.32441	0.00100	0.5000
3483:	54	41	13	53	41	12	382179.83903	382179.75404	0.08499	0.10000	0.00000	382179.75404	0.08499	0.5000
3484:	54	41	14	53	41	13	382179.83903	382179.75404	0.08499	0.10000	0.00000	382179.75404	0.08499	0.5000
3485:	53	19	34	52	19	33	382251.14235	382251.25716	-0.11480	0.10000	0.00000	382251.25716	-0.11480	0.5000
3486:	53	19	35	52	19	34	382251.14235	382251.10611	0.07624	0.10000	0.00000	382251.10611	0.07624	0.5000
3487:	54	40	15	53	40	14	382305.67065	382305.60690	0.06374	0.10000	0.00000	382305.60690	0.06374	0.5000
3488:	54	39	16	53	39	15	382437.92325	382437.86289	0.06037	0.10000	0.00000	382437.86289	0.06037	0.5000
3489:	54	39	15	53	39	14	382437.92325	382437.86289	0.06037	0.10000	0.00000	382437.86289	0.06037	0.5000
3490:	54	38	17	53	38	16	382577.37751	382577.31117	0.06634	0.10000	0.00000	382577.31117	0.06634	0.5000
3491:	54	38	16	53	38	15	382577.37751	382577.31117	0.06634	0.10000	0.00000	382577.31117	0.06634	0.5000
3492:	86	12	75	86	11	76	382640.94271	382640.67678	0.26593	0.10000	0.00000	382640.67678	0.26593	0.2500

3493:	86 12 75 86 10 76	382640.94271	382640.67679	0.26591	0.10000	0.00000	382640.67662	0.26609	0.2500
3494:	86 11 75 86 11 76	382640.94271	382640.67644	0.26627	0.10000	0.00000	382640.67662	0.26609	0.2500
3495:	86 11 75 86 10 76	382640.94271	382640.67646	0.26625	0.10000	0.00000	382640.67662	0.26609	0.2500
3496:	54 37 17 53 37 16	382725.04549	382724.85231	0.19318	0.10000	0.00000	382724.85231	0.19318	0.5000
3497:	54 37 18 53 37 17	382725.04549	382724.85231	0.19318	0.10000	0.00000	382724.85231	0.19318	0.5000
3498:	54 36 18 53 36 17	382881.62240	382881.51809	0.10431	0.10000	0.00000	382881.51809	0.10431	0.5000
3499:	54 36 19 53 36 18	382881.62240	382881.51809	0.10431	0.10000	0.00000	382881.51809	0.10431	0.5000
3500:	54 35 20 53 35 19	383048.39301	383048.49573	-0.10272	0.10000	0.00000	383048.49573	-0.10272	0.5000
3501:	54 35 19 53 35 18	383048.39301	383048.49573	-0.10272	0.10000	0.00000	383048.49573	-0.10272	0.5000
3502:	29 13 16 28 12 17	383066.13579	383066.36086	-0.22507	0.10000	0.00000	383066.11136	0.02443	0.5000
3503:	29 13 17 28 12 16	383066.13579	383066.36185	0.27394	0.10000	0.00000	383066.11136	0.02443	0.5000
3504:	54 34 21 53 34 20	383227.22041	383227.15768	0.06273	0.10000	0.00000	383227.15768	0.06273	0.5000
3505:	54 34 20 53 34 19	383227.22041	383227.15768	0.06273	0.10000	0.00000	383227.15768	0.06273	0.5000
3506:	53 18 36 52 18 35	383357.34746	383357.37611	-0.02865	0.10000	0.00000			
3507:	53 18 35 52 18 34	383359.67099	383359.68980	-0.01881	0.10000	0.00000			
3508:	54 33 22 53 33 21	383419.08564	383419.09844	-0.01280	0.10000	0.00000	383419.09844	-0.01280	0.5000
3509:	54 33 21 53 33 20	383419.08564	383419.09844	-0.01280	0.10000	0.00000	383419.09844	-0.01280	0.5000
3510:	54 32 22 53 32 21	383626.18543	383626.18058	0.00485	0.10000	0.00000	383626.18058	0.00485	0.5000
3511:	54 32 23 53 32 22	383626.18543	383626.18058	0.00485	0.10000	0.00000	383626.18058	0.00485	0.5000
3512:	27 14 13 26 13 14	383798.59368	383798.56336	0.03031	0.10000	0.00000	383798.56196	0.03172	0.5000
3513:	27 14 14 26 13 13	383798.59368	383798.56056	0.03312	0.10000	0.00000	383798.56196	0.03172	0.5000
3514:	54 31 24 53 31 23	383850.60076	383850.59279	0.00797	0.10000	0.00000	383850.59279	0.00797	0.5000
3515:	54 31 23 53 31 22	383850.60076	383850.59279	0.00797	0.10000	0.00000	383850.59279	0.00797	0.5000
3516:	54 30 24 53 30 23	384094.88436	384094.92376	-0.03940	0.10000	0.00000	384094.76551	0.11885	0.3333
3517:	54 30 25 53 30 24	384094.88436	384094.92376	-0.03940	0.10000	0.00000	384094.76551	0.11885	0.3333
3518:	64 28 36 64 27 37	384094.88436	384094.44901	0.43535	0.10000	0.00000	384094.76551	0.11885	0.3333
3519:	25 15 10 24 14 11	384204.24621	384204.26802	-0.02180	0.10000	0.00000	384204.26801	-0.02180	0.5000
3520:	25 15 11 24 14 10	384204.24621	384204.26801	-0.02180	0.10000	0.00000	384204.26801	-0.02180	0.5000
3521:	57 8 50 56 8 49	384210.44116	384210.39264	0.04852	0.10000	0.00000	384210.44718	-0.00602	0.2500
3522:	57 7 50 56 7 49	384210.44116	384210.50172	-0.06055	0.10000	0.00000	384210.44718	-0.00602	0.2500
3523:	57 7 50 56 8 49	384210.44116	384210.25785	0.18331	0.10000	0.00000	384210.44718	-0.00602	0.2500
3524:	57 8 50 56 7 49	384210.44116	384210.63651	-0.19535	0.10000	0.00000	384210.44718	-0.00602	0.2500
3525:	58 6 52 57 7 51	384282.43610	384282.46021	-0.02411	0.10000	0.00000	384282.41105	0.02505	0.2000
3526:	58 7 52 57 7 51	384282.43610	384282.46403	-0.02793	0.10000	0.00000	384282.41105	0.02505	0.2000
3527:	58 6 52 57 6 51	384282.43610	384282.46733	-0.03123	0.10000	0.00000	384282.41105	0.02505	0.2000
3528:	58 7 52 57 6 51	384282.43610	384282.47115	-0.03505	0.10000	0.00000	384282.41105	0.02505	0.2000
3529:	56 8 48 55 9 47	384282.43610	384282.19251	0.24359	0.10000	0.00000	384282.41105	0.02505	0.2000
3530:	56 9 48 55 9 47	384285.81143	384285.82345	-0.01203	0.10000	0.00000			
3531:	56 8 48 55 8 47	384288.49211	384288.53234	-0.04023	0.10000	0.00000			
3532:	56 9 48 55 8 47	384291.91103	384292.16328	-0.25224	0.10000	0.00000			
3533:	54 29 25 53 29 24	384362.24717	384362.25742	-0.01025	0.10000	0.00000	384362.25742	-0.01025	0.5000
3534:	54 29 26 53 29 25	384362.24717	384362.25742	-0.01025	0.10000	0.00000	384362.25742	-0.01025	0.5000
3535:	59 6 54 58 6 53	384443.37584	384443.39077	-0.01494	0.10000	0.00000	384443.39081	-0.01498	0.2500
3536:	59 5 54 58 5 53	384443.37584	384443.39085	-0.01501	0.10000	0.00000	384443.39081	-0.01498	0.2500
3537:	59 5 54 58 6 53	384443.37584	384443.39069	-0.01486	0.10000	0.00000	384443.39081	-0.01498	0.2500
3538:	59 6 54 58 5 53	384443.37584	384443.39093	-0.01510	0.10000	0.00000	384443.39081	-0.01498	0.2500
3539:	23 16 8 22 15 7	384451.90930	384451.82467	0.08463	0.10000	0.00000	384451.94453	-0.03523	0.3333
3540:	34 9 25 33 8 26	384451.90930	384452.18425	-0.27495	0.10000	0.00000	384451.94453	-0.03523	0.3333
3541:	23 16 7 22 15 8	384451.90930	384451.82467	0.08463	0.10000	0.00000	384451.94453	-0.03523	0.3333

3542:	55	10	46	54	10	45	384604.59971	384604.60568	-0.00597	0.10000	0.00000	0.00000	384624.94846	0.03730	0.5000
3543:	21	17	4	20	16	5	384624.98577	384624.94846	0.03730	0.10000	0.00000	0.00000	384624.94846	0.03730	0.5000
3544:	21	17	5	20	16	4	384624.98577	384624.94846	0.03730	0.10000	0.00000	0.00000	384624.94846	0.03730	0.5000
3545:	55	9	46	54	9	45	384654.30026	384654.29806	0.00219	0.10000	0.00000	0.00000	384656.29727	0.01505	0.5000
3546:	54	28	27	53	28	26	384656.31232	384656.29727	0.01505	0.10000	0.00000	0.00000	384656.29727	0.01505	0.5000
3547:	54	28	26	53	28	25	384656.31232	384656.29727	0.01505	0.10000	0.00000	0.00000	384656.29727	0.01505	0.5000
3548:	60	4	56	59	4	55	384658.92707	384658.94042	-0.01335	0.10000	0.00000	0.00000	384658.94042	-0.01335	0.2500
3549:	60	5	56	59	5	55	384658.92707	384658.94042	-0.01335	0.10000	0.00000	0.00000	384658.94042	-0.01335	0.2500
3550:	60	4	56	59	5	55	384658.92707	384658.94042	-0.01335	0.10000	0.00000	0.00000	384658.94042	-0.01335	0.2500
3551:	60	5	56	59	4	55	384658.92707	384658.94042	-0.01336	0.10000	0.00000	0.00000	384658.94042	-0.01335	0.2500
3552:	53	17	37	52	17	36	384730.05938	384730.02006	0.03932	0.10000	0.00000	0.00000	384658.94042	-0.01335	0.2500
3553:	53	17	36	52	17	35	384753.72940	384753.75040	-0.02099	0.10000	0.00000	0.00000	384658.94042	-0.01335	0.2500
3554:	19	18	2	18	17	1	384766.59035	384766.47289	0.11746	0.10000	0.00000	0.00000			
3555:	61	3	58	60	3	57	384908.03561	384908.05314	-0.01753	0.10000	0.00000	0.00000	384908.05314	-0.01753	0.3333
3556:	61	4	58	60	4	57	384908.03561	384908.05314	-0.01753	0.10000	0.00000	0.00000	384908.05314	-0.01753	0.3333
3557:	61	3	58	60	4	57	384908.03561	384908.05314	-0.01753	0.10000	0.00000	0.00000	384908.05314	-0.01753	0.3333
3558:	51	13	38	50	13	37	384966.38637	384966.36874	0.01762	0.10000	0.00000	0.00000			
3559:	54	27	28	53	27	27	384981.58625	384981.53121	0.05504	0.10000	0.00000	0.00000	384981.53121	0.05504	0.5000
3560:	54	27	27	53	27	26	384981.58625	384981.53121	0.05504	0.10000	0.00000	0.00000	384981.53121	0.05504	0.5000
3561:	62	2	60	61	3	59	385177.14939	385177.15747	-0.00808	0.10000	0.00000	0.00000	385177.15747	-0.00808	0.2500
3562:	62	3	60	61	3	59	385177.14939	385177.15747	-0.00808	0.10000	0.00000	0.00000	385177.15747	-0.00808	0.2500
3563:	62	2	60	61	2	59	385177.14939	385177.15747	-0.00808	0.10000	0.00000	0.00000	385177.15747	-0.00808	0.2500
3564:	62	3	60	61	2	59	385177.14939	385177.15747	-0.00808	0.10000	0.00000	0.00000	385177.15747	-0.00808	0.2500
3565:	54	11	44	53	11	43	385196.76606	385196.78487	-0.01882	0.10000	0.00000	0.00000			
3566:	53	12	42	52	12	41	385238.29046	385238.29011	0.00036	0.10000	0.00000	0.00000			
3567:	54	26	29	53	26	28	385343.04623	385343.45365	-0.40742	0.10000	0.00000	0.00000	385343.06055	-0.01432	0.5000
3568:	52	11	41	51	11	40	385343.04623	385342.66746	0.37877	0.10000	0.00000	0.00000	385343.06055	-0.01432	0.5000
3569:	63	1	62	62	2	61	385457.19335	385457.20570	0.01234	0.10000	0.00000	0.00000	385457.20570	-0.01234	0.3333
3570:	63	2	62	62	2	61	385457.19335	385457.20570	-0.01234	0.10000	0.00000	0.00000	385457.20570	-0.01234	0.3333
3571:	63	1	62	62	1	61	385457.19335	385457.20570	-0.01234	0.10000	0.00000	0.00000	385457.20570	-0.01234	0.3333
3572:	64	0	64	63	1	63	385742.00296	385742.01503	-0.01207	0.10000	0.00000	0.00000	385742.01503	-0.01207	0.2500
3573:	64	1	64	63	0	63	385742.00296	385742.01503	-0.01207	0.10000	0.00000	0.00000	385742.01503	-0.01207	0.2500
3574:	64	1	64	63	1	63	385742.00296	385742.01503	-0.01207	0.10000	0.00000	0.00000	385742.01503	-0.01207	0.2500
3575:	64	0	64	63	0	63	385742.00296	385742.01503	-0.01207	0.10000	0.00000	0.00000	385742.01503	-0.01207	0.2500
3576:	54	25	30	53	25	29	385748.86557	385748.87081	-0.00524	0.10000	0.00000	0.00000	385748.87081	-0.00524	0.5000
3577:	54	25	29	53	25	28	385748.86557	385748.87081	-0.00524	0.10000	0.00000	0.00000	385748.87081	-0.00524	0.5000
3578:	54	10	44	53	10	43	385836.12026	385836.13944	-0.01918	0.10000	0.00000	0.00000			
3579:	60	28	32	60	27	33	386129.21507	386129.24167	-0.02660	0.10000	0.00000	0.00000	386129.24167	-0.02660	0.5000
3580:	60	28	33	60	27	34	386129.21507	386129.24167	-0.02660	0.10000	0.00000	0.00000	386129.24167	-0.02660	0.5000
3581:	54	24	31	53	24	30	386206.33158	386206.33023	0.00135	0.10000	0.00000	0.00000	386206.33023	0.00135	0.5000
3582:	54	24	30	53	24	29	386206.33158	386206.33023	0.00135	0.10000	0.00000	0.00000	386206.33023	0.00135	0.5000
3583:	53	16	38	52	16	37	386443.69157	386443.69451	-0.00294	0.10000	0.00000	0.00000			
3584:	52	14	38	51	14	37	386519.48147	386519.49941	-0.01794	0.10000	0.00000	0.00000			
3585:	53	16	37	52	16	36	386644.56050	386644.55721	0.00329	0.10000	0.00000	0.00000	386726.74134	-0.01050	0.5000
3586:	54	23	32	53	23	31	386726.73084	386726.74133	-0.01050	0.10000	0.00000	0.00000	386726.74134	-0.01050	0.5000
3587:	54	23	31	53	23	30	386726.73084	386726.74134	-0.01050	0.10000	0.00000	0.00000	387324.30198	-0.00914	0.5000
3588:	54	22	31	53	22	32	387324.29283	387324.30192	-0.00909	0.10000	0.00000	0.00000	387324.30198	-0.00914	0.5000
3589:	54	22	32	53	22	31	387324.29283	387324.30203	-0.00919	0.10000	0.00000	0.00000	387324.30198	-0.00914	0.5000
3590:	57	28	30	57	27	31	387405.03904	387404.99182	0.04722	0.10000	0.00000	0.00000	387404.99182	0.04722	0.5000

3591:	57	28	29	57	27	30	387405.03904	387404.99182	0.04722	0.10000	0.00000	387404.99182	0.04722	0.5000
3592:	56	28	28	56	27	29	387787.18245	387787.56274	-0.38029	0.10000	0.00000	387787.56274	-0.38029	0.5000
3593:	56	28	29	56	27	30	387787.18245	387787.56274	-0.38029	0.10000	0.00000	387787.56274	-0.38029	0.5000
3594:	54	21	34	53	21	33	388017.92033	388017.93676	-0.01643	0.10000	0.00000			
3595:	32	12	21	31	11	20	388195.31208	388195.26865	0.04343	0.10000	0.00000			
3596:	32	12	20	31	11	21	388280.80249	388280.73626	0.06623	0.10000	0.00000			
3597:	79	29	51	79	28	52	388283.52441	388283.44306	0.08136	0.10000	0.00000	388283.44223	0.08219	0.5000
3598:	79	29	50	79	28	51	388283.52441	388283.44140	0.08301	0.10000	0.00000	388283.44223	0.08219	0.5000
3599:	85	10	75	85	9	76	388286.61467	388286.75571	-0.14104	0.10000	0.00000	388286.75571	-0.14104	0.5000
3600:	85	10	75	85	10	76	388286.61467	388286.75570	-0.14104	0.10000	0.00000	388286.75571	-0.14104	0.5000
3601:	51	12	39	50	12	38	388310.00471	388310.01502	-0.01031	0.10000	0.00000			
3602:	53	15	39	52	15	38	388404.66077	388404.63601	0.02476	0.10000	0.00000			
3603:	54	20	35	53	20	34	388833.68065	388833.63733	0.04331	0.10000	0.00000	388833.65141	0.02923	0.5000
3604:	54	20	34	53	20	33	388833.68065	388833.66549	0.01516	0.10000	0.00000	388833.65141	0.02923	0.5000
3605:	53	13	41	52	13	40	389088.52303	389088.53341	-0.01038	0.10000	0.00000			
3606:	76	5	71	76	5	72	389127.03544	389127.11640	-0.08096	0.10000	0.00000	389127.11640	-0.08096	0.2500
3607:	76	6	71	76	4	72	389127.03544	389127.11640	-0.08096	0.10000	0.00000	389127.11640	-0.08096	0.2500
3608:	76	6	71	76	5	72	389127.03544	389127.11640	-0.08096	0.10000	0.00000	389127.11640	-0.08096	0.2500
3609:	76	5	71	76	4	72	389127.03544	389127.11640	-0.08096	0.10000	0.00000	389127.11640	-0.08096	0.2500
3610:	55	42	13	54	42	12	389182.54747	389182.46709	0.08037	0.10000	0.00000	389182.46709	0.08037	0.5000
3611:	55	42	14	54	42	13	389182.54747	389182.46709	0.08037	0.10000	0.00000	389182.46709	0.08037	0.5000
3612:	55	41	14	54	41	13	389308.05659	389308.13409	-0.07749	0.10000	0.00000	389308.13409	-0.07749	0.5000
3613:	55	41	15	54	41	14	389308.05659	389308.13409	-0.07749	0.10000	0.00000	389308.13409	-0.07749	0.5000
3614:	55	40	15	54	40	14	389439.92365	389439.87100	0.05265	0.10000	0.00000	389439.87100	0.05265	0.5000
3615:	55	40	16	54	40	15	389439.92365	389439.87100	0.05265	0.10000	0.00000	389439.87100	0.05265	0.5000
3616:	55	39	17	54	39	16	389578.45612	389578.41284	0.04328	0.10000	0.00000			
3617:	55	38	17	54	38	16	389724.49425	389724.59545	-0.10120	0.10000	0.00000	389724.59545	-0.10120	0.5000
3618:	55	38	18	54	38	17	389724.49425	389724.59545	-0.10120	0.10000	0.00000	389724.59545	-0.10120	0.5000
3619:	53	15	38	52	15	37	389738.81178	389738.78411	0.02767	0.10000	0.00000			
3620:	54	19	36	53	19	35	389808.62099	389808.42510	0.19589	0.10000	0.00000	389808.61352	0.00747	0.5000
3621:	54	19	35	53	19	34	389808.62099	389808.80194	-0.18095	0.10000	0.00000	389808.61352	0.00747	0.5000
3622:	53	14	40	52	14	39	389832.51601	389832.54046	-0.02445	0.10000	0.00000			
3623:	55	37	19	54	37	18	389879.39878	389879.37294	0.02584	0.10000	0.00000	389879.37294	0.02584	0.5000
3624:	55	37	18	54	37	17	389879.39878	389879.37294	0.02584	0.10000	0.00000	389879.37294	0.02584	0.5000
3625:	55	36	19	54	36	18	390043.86950	390043.83886	0.03064	0.10000	0.00000	390043.83886	0.03064	0.5000
3626:	55	36	20	54	36	19	390043.86950	390043.83886	0.03064	0.10000	0.00000	390043.83886	0.03064	0.5000
3627:	53	11	42	52	11	41	390074.52012	390074.52678	-0.00666	0.10000	0.00000			
3628:	58	8	51	57	8	50	390154.19483	390154.18110	0.01372	0.10000	0.00000	390154.21140	-0.01657	0.2500
3629:	58	7	51	57	7	50	390154.19483	390154.24170	-0.04687	0.10000	0.00000	390154.21140	-0.01657	0.2500
3630:	58	8	51	57	7	50	390154.19483	390154.31590	-0.12107	0.10000	0.00000	390154.21140	-0.01657	0.2500
3631:	58	7	51	57	8	50	390154.19483	390154.10690	0.08792	0.10000	0.00000	390154.21140	-0.01657	0.2500
3632:	57	9	49	56	9	48	390206.56134	390206.64497	-0.08362	0.10000	0.00000			
3633:	57	8	49	56	8	48	390208.27066	390208.20748	0.06319	0.10000	0.00000			
3634:	59	7	53	58	7	52	390238.43520	390238.45947	-0.02427	0.10000	0.00000	390238.46007	-0.02487	0.3333
3635:	59	7	53	58	6	52	390238.43520	390238.46329	-0.02809	0.10000	0.00000	390238.46007	-0.02487	0.3333
3636:	59	6	53	58	7	52	390238.43520	390238.45743	-0.02223	0.10000	0.00000	390238.46007	-0.02487	0.3333
3637:	60	5	55	59	6	54	390405.88343	390405.91458	-0.03115	0.10000	0.00000	390405.91464	-0.03121	0.2500
3638:	60	6	55	59	6	54	390405.88343	390405.91462	-0.03119	0.10000	0.00000	390405.91464	-0.03121	0.2500
3639:	60	6	55	59	5	54	390405.88343	390405.91470	-0.03127	0.10000	0.00000	390405.91464	-0.03121	0.2500

3640:	60	5	55	59	5	54	390405.88343	390405.91466	-0.03123	0.10000	0.00000	390405.91464	-0.03121	0.2500
3641:	47	28	20	47	27	21	390425.61304	390425.96319	-0.35015	0.10000	0.00000	390425.96319	-0.35015	0.5000
3642:	47	28	19	47	27	20	390425.61304	390425.96319	-0.35015	0.10000	0.00000	390425.96319	-0.35015	0.5000
3643:	56	10	47	55	10	46	390486.04702	390486.04216	0.00485	0.10000	0.00000			
3644:	56	9	47	55	9	46	390516.05609	390516.06978	-0.01370	0.10000	0.00000			
3645:	55	33	22	54	33	21	390609.01139	390608.98075	0.03065	0.10000	0.00000	390608.98075	0.03065	0.5000
3646:	55	33	23	54	33	22	390609.01139	390608.98075	0.03065	0.10000	0.00000	390608.98075	0.03065	0.5000
3647:	61	5	57	60	5	56	390624.91535	390624.93316	-0.01781	0.10000	0.00000	390624.93316	-0.01781	0.2500
3648:	61	4	57	60	4	56	390624.91535	390624.93316	-0.01781	0.10000	0.00000	390624.93316	-0.01781	0.2500
3649:	61	4	57	60	5	56	390624.91535	390624.93315	-0.01781	0.10000	0.00000	390624.93316	-0.01781	0.2500
3650:	61	5	57	60	4	56	390624.91535	390624.93316	-0.01781	0.10000	0.00000	390624.93316	-0.01781	0.2500
3651:	28	14	14	27	13	15	390755.37627	390755.35862	0.01765	0.10000	0.00000	390755.35464	0.02162	0.5000
3652:	28	14	15	27	13	14	390755.37627	390755.35067	0.02559	0.10000	0.00000	390755.35464	0.02162	0.5000
3653:	55	32	23	54	32	22	390826.92926	390826.96714	-0.03788	0.10000	0.00000	390826.96714	-0.03788	0.5000
3654:	55	32	24	54	32	23	390826.92926	390826.96714	-0.03788	0.10000	0.00000	390826.96714	-0.03788	0.5000
3655:	45	28	17	45	27	18	390846.22735	390846.26318	-0.03583	0.10000	0.00000	390846.26318	-0.03583	0.5000
3656:	45	28	18	45	27	19	390846.22735	390846.26318	-0.03583	0.10000	0.00000	390846.26318	-0.03583	0.5000
3657:	62	3	59	61	4	58	390875.77688	390875.82787	-0.05099	0.10000	0.00000	390875.82787	-0.05099	0.2500
3658:	62	3	59	61	3	58	390875.77688	390875.82787	-0.05099	0.10000	0.00000	390875.82787	-0.05099	0.2500
3659:	62	4	59	61	4	58	390875.77688	390875.82787	-0.05099	0.10000	0.00000	390875.82787	-0.05099	0.2500
3660:	62	4	59	61	3	58	390875.77688	390875.82787	-0.05099	0.10000	0.00000	390875.82787	-0.05099	0.2500
3661:	54	18	37	53	18	36	390996.74679	390996.75583	-0.00905	0.10000	0.00000			
3662:	54	18	36	53	18	35	391001.08158	391001.08964	-0.00806	0.10000	0.00000			
3663:	98	16	82	98	15	83	391063.20850	391063.21867	-0.01017	0.10000	0.00000	391063.27009	-0.06159	0.1667
3664:	98	17	82	98	16	83	391063.20850	391063.37868	-0.17018	0.10000	0.00000	391063.27009	-0.06159	0.1667
3665:	98	17	82	98	15	83	391063.20850	391063.39328	-0.18478	0.10000	0.00000	391063.27009	-0.06159	0.1667
3666:	98	16	82	98	16	83	391063.20850	391063.20408	0.00442	0.10000	0.00000	391063.27009	-0.06159	0.1667
3667:	55	31	25	54	31	24	391063.20850	391063.35432	-0.14582	0.10000	0.00000	391063.27009	-0.06159	0.1667
3668:	55	11	45	54	11	44	391063.20850	391063.07151	0.13699	0.10000	0.00000	391063.27009	-0.06159	0.1667
3669:	63	2	61	62	3	60	391145.79826	391145.78634	0.01193	0.10000	0.00000	391145.78634	0.01193	0.3333
3670:	63	3	61	62	3	60	391145.79826	391145.78634	0.01193	0.10000	0.00000	391145.78634	0.01193	0.3333
3671:	63	2	61	62	2	60	391145.79826	391145.78634	0.01193	0.10000	0.00000	391145.78634	0.01193	0.3333
3672:	43	28	16	43	27	17	391216.87675	391216.93477	-0.05801	0.10000	0.00000			
3673:	26	15	12	25	14	11	391222.97131	391222.72655	0.24476	0.10000	0.00000			
3674:	55	30	26	54	30	25	391320.84343	391320.89668	-0.05325	0.10000	0.00000			
3675:	54	12	43	53	12	42	391386.92315	391386.94423	-0.02108	0.10000	0.00000			
3676:	64	2	63	63	1	62	391426.18214	391426.19716	-0.01502	0.10000	0.00000	391426.19716	-0.01502	0.2500
3677:	64	2	63	63	2	62	391426.18214	391426.19716	-0.01502	0.10000	0.00000	391426.19716	-0.01502	0.2500
3678:	64	1	63	63	1	62	391426.18214	391426.19716	-0.01502	0.10000	0.00000	391426.19716	-0.01502	0.2500
3679:	64	1	63	63	2	62	391426.18214	391426.19716	-0.01502	0.10000	0.00000	391426.19716	-0.01502	0.2500
3680:	55	10	45	54	10	44	391475.11252	391475.11086	0.00166	0.10000	0.00000			
3681:	24	16	9	23	15	8	391502.43072	391502.41562	0.01511	0.10000	0.00000	391502.41562	0.01511	0.5000
3682:	24	16	8	23	15	9	391502.43072	391502.41562	0.01511	0.10000	0.00000	391502.41562	0.01511	0.5000
3683:	55	29	27	54	29	26	391602.89234	391602.87913	0.01321	0.10000	0.00000	391602.87913	0.01321	0.5000
3684:	55	29	26	54	29	25	391602.89234	391602.87913	0.01321	0.10000	0.00000	391602.87913	0.01321	0.5000
3685:	22	17	6	21	16	5	391691.33344	391691.29240	0.04105	0.10000	0.00000	391691.29240	0.04105	0.5000
3686:	22	17	5	21	16	6	391691.33344	391691.29240	0.04105	0.10000	0.00000	391691.29240	0.04105	0.5000
3687:	65	0	65	64	0	64	391711.11099	391711.13427	-0.02328	0.10000	0.00000	391711.13427	-0.02328	0.5000
3688:	65	0	65	64	1	64	391711.11099	391711.13427	-0.02328	0.10000	0.00000	391711.13427	-0.02328	0.5000

3689:	20	18	2	19	17	3	391839.38030	391839.33934	0.04096	0.10000	0.00000	0.00000	391913.25173	0.01219	0.5000
3690:	55	28	27	54	28	26	391913.26392	391913.25173	0.01219	0.10000	0.00000	0.00000	391913.25173	0.01219	0.5000
3691:	55	28	28	54	28	27	391913.26392	391913.25173	0.01219	0.10000	0.00000	0.00000	391913.25173	0.01219	0.5000
3692:	55	27	28	54	27	27	392256.81200	392256.80868	0.00333	0.10000	0.00000	0.00000	392256.80868	0.00333	0.5000
3693:	55	27	29	54	27	28	392256.81200	392256.80868	0.00333	0.10000	0.00000	0.00000	392256.80868	0.00333	0.5000
3694:	54	17	38	53	17	37	392475.30099	392475.26918	0.03181	0.10000	0.00000	0.00000			
3695:	54	17	37	53	17	36	392517.33227	392517.33232	-0.00005	0.10000	0.00000	0.00000			
3696:	55	26	29	54	26	28	392639.42630	392639.43058	-0.00428	0.10000	0.00000	0.00000	392639.43058	-0.00428	0.5000
3697:	55	26	30	54	26	29	392639.42630	392639.43058	-0.00428	0.10000	0.00000	0.00000	392639.43058	-0.00428	0.5000
3698:	55	25	30	54	25	29	393068.40854	393068.41914	-0.01060	0.10000	0.00000	0.00000	393068.41914	-0.01060	0.5000
3699:	55	25	31	54	25	30	393068.40854	393068.41914	-0.01060	0.10000	0.00000	0.00000	393068.41914	-0.01060	0.5000
3700:	75	4	71	75	4	72	393154.26556	393154.21797	0.04759	0.10000	0.00000	0.00000	393154.21797	0.04759	0.2500
3701:	75	5	71	75	3	72	393154.26556	393154.21797	0.04759	0.10000	0.00000	0.00000	393154.21797	0.04759	0.2500
3702:	75	4	71	75	4	72	393154.26556	393154.21797	0.04759	0.10000	0.00000	0.00000	393154.21797	0.04759	0.2500
3703:	75	4	71	75	3	72	393154.26556	393154.21797	0.04759	0.10000	0.00000	0.00000	393154.21797	0.04759	0.2500
3704:	55	24	31	54	24	30	393552.95412	393552.97067	-0.01655	0.10000	0.00000	0.00000	393552.97067	-0.01655	0.5000
3705:	55	24	32	54	24	31	393552.95412	393552.97067	-0.01655	0.10000	0.00000	0.00000	393552.97067	-0.01655	0.5000
3706:	55	23	32	54	23	31	394104.86436	394104.86532	-0.00095	0.10000	0.00000	0.00000	394104.86531	-0.00094	0.5000
3707:	55	23	33	54	23	32	394104.86436	394104.86530	-0.00094	0.10000	0.00000	0.00000	394104.86531	-0.00094	0.5000
3708:	52	13	39	51	13	38	394260.41248	394260.40782	0.00465	0.10000	0.00000	0.00000			
3709:	54	16	39	53	16	38	394304.41578	394304.42457	-0.00879	0.10000	0.00000	0.00000			
3710:	54	16	38	53	16	37	394638.96488	394638.96076	0.00412	0.10000	0.00000	0.00000			
3711:	33	12	22	32	11	21	394675.41174	394675.38640	0.02535	0.10000	0.00000	0.00000			
3712:	55	22	34	54	22	31	394739.50354	394739.50493	-0.00139	0.10000	0.00000	0.00000	394739.50505	-0.00151	0.5000
3713:	55	22	33	54	22	32	394739.50354	394739.50516	-0.00163	0.10000	0.00000	0.00000	394739.50505	-0.00151	0.5000
3714:	33	12	21	32	11	22	394843.86192	394843.79408	0.06783	0.10000	0.00000	0.00000			
3715:	54	11	43	53	11	42	394913.37573	394913.44003	-0.06431	0.10000	0.00000	0.00000			
3716:	52	12	40	51	12	39	395034.07123	395034.08532	-0.01409	0.10000	0.00000	0.00000			
3717:	55	21	34	54	21	33	395477.48721	395477.54604	-0.05883	0.10000	0.00000	0.00000	395477.54408	-0.05687	0.5000
3718:	55	21	35	54	21	34	395477.48721	395477.54213	-0.05491	0.10000	0.00000	0.00000	395477.54408	-0.05687	0.5000
3719:	53	14	39	52	14	38	395890.30804	395890.32207	-0.01403	0.10000	0.00000	0.00000			
3720:	54	13	42	53	13	41	395897.31170	395897.33826	-0.02655	0.10000	0.00000	0.00000			
3721:	59	7	52	58	7	51	396099.15351	396099.18656	-0.03305	0.10000	0.00000	0.00000	396099.16980	-0.01629	0.2500
3722:	59	8	52	58	7	51	396099.15351	396099.22725	-0.07374	0.10000	0.00000	0.00000	396099.16980	-0.01629	0.2500
3723:	59	8	52	58	8	51	396099.15351	396099.15305	0.00046	0.10000	0.00000	0.00000	396099.16980	-0.01629	0.2500
3724:	59	7	52	58	8	51	396099.15351	396099.11236	0.04115	0.10000	0.00000	0.00000	396099.16980	-0.01629	0.2500
3725:	58	9	50	57	9	49	396131.11430	396130.64662	0.46768	0.10000	0.00000	0.00000	396131.09465	0.01965	0.5000
3726:	58	8	50	57	8	49	396131.11430	396131.54268	-0.42838	0.10000	0.00000	0.00000	396131.09465	0.01965	0.5000
3727:	60	6	54	59	6	53	396194.69561	396194.66422	0.03139	0.10000	0.00000	0.00000	396194.66375	0.03186	0.2500
3728:	60	7	54	59	7	53	396194.69561	396194.66327	0.03234	0.10000	0.00000	0.00000	396194.66375	0.03186	0.2500
3729:	60	7	54	59	6	53	396194.69561	396194.66531	0.03030	0.10000	0.00000	0.00000	396194.66375	0.03186	0.2500
3730:	60	6	54	59	7	53	396194.69561	396194.66218	0.03343	0.10000	0.00000	0.00000	396194.66375	0.03186	0.2500
3731:	54	15	40	53	15	39	396279.74961	396279.86015	-0.11054	0.10000	0.00000	0.00000			
3732:	55	20	36	54	20	35	396347.55446	396347.55953	-0.00507	0.10000	0.00000	0.00000	396347.58821	-0.03375	0.5000
3733:	55	20	35	54	20	34	396347.55446	396347.61689	-0.06243	0.10000	0.00000	0.00000	396347.58821	-0.03375	0.5000
3734:	61	6	56	60	6	55	396368.16942	396368.18662	-0.01721	0.10000	0.00000	0.00000	396368.18663	-0.01722	0.2500
3735:	61	6	56	60	5	55	396368.16942	396368.18667	-0.01725	0.10000	0.00000	0.00000	396368.18663	-0.01722	0.2500
3736:	61	5	56	60	6	55	396368.16942	396368.18660	-0.01719	0.10000	0.00000	0.00000	396368.18663	-0.01722	0.2500
3737:	61	5	56	60	5	55	396368.16942	396368.18664	-0.01723	0.10000	0.00000	0.00000	396368.18663	-0.01722	0.2500

3787:	56	32	24	55	32	23	398033.16316	398033.18438	-0.02122	0.10000	0.00000	398033.18438	-0.02122	0.5000
3788:	27	15	13	26	14	12	398228.35698	398228.24446	0.11252	0.10000	0.00000	398228.24450	0.11248	0.5000
3789:	27	15	12	26	14	13	398228.35698	398228.24455	0.11244	0.10000	0.00000	398228.24450	0.11248	0.5000
3790:	56	31	26	55	31	25	398282.04360	398282.01119	0.03241	0.10000	0.00000	398282.01119	0.03241	0.5000
3791:	56	31	25	55	31	24	398282.04360	398282.01119	0.03241	0.10000	0.00000	398282.01119	0.03241	0.5000
3792:	54	15	39	53	15	38	398328.56030	398328.55612	0.00417	0.10000	0.00000			
3793:	25	16	10	24	15	9	398545.66013	398545.66355	-0.00343	0.10000	0.00000	398545.66355	-0.00343	0.5000
3794:	25	16	9	24	15	10	398545.66013	398545.66355	-0.00343	0.10000	0.00000	398545.66355	-0.00343	0.5000
3795:	56	30	27	55	30	26	398553.29742	398553.28752	0.00990	0.10000	0.00000			
3796:	55	18	38	54	18	37	398667.14010	398667.14121	-0.00110	0.10000	0.00000			
3797:	55	18	37	54	18	36	398675.10885	398675.12142	-0.01258	0.10000	0.00000			
3798:	23	17	6	22	16	7	398753.77713	398753.74159	0.03554	0.10000	0.00000			
3799:	56	29	27	55	29	26	398850.49983	398850.51071	-0.01088	0.10000	0.00000	398850.51071	-0.01088	0.5000
3800:	56	29	28	55	29	27	398850.49983	398850.51071	-0.01088	0.10000	0.00000	398850.51071	-0.01088	0.5000
3801:	21	18	4	20	17	3	398910.48966	398910.44956	0.04010	0.10000	0.00000	398910.44956	0.04010	0.5000
3802:	21	18	3	20	17	4	398910.48966	398910.44956	0.04010	0.10000	0.00000	398910.44956	0.04010	0.5000
3803:	19	19	0	18	18	1	399046.26469	399046.22771	0.03699	0.10000	0.00000	399046.22771	0.03699	0.5000
3804:	19	19	1	18	18	0	399046.26469	399046.22771	0.03699	0.10000	0.00000	399046.22771	0.03699	0.5000
3805:	56	28	29	55	28	28	399177.88403	399177.89209	-0.00807	0.10000	0.00000			
3806:	64	29	36	64	28	37	399215.07256	399214.99150	0.08107	0.10000	0.00000	399214.99150	0.08107	0.5000
3807:	64	29	35	64	28	36	399215.07256	399214.99150	0.08107	0.10000	0.00000	399214.99150	0.08107	0.5000
3808:	56	27	29	55	27	28	399540.51577	399540.55156	-0.03579	0.10000	0.00000	399540.55156	-0.03579	0.5000
3809:	56	27	30	55	27	29	399540.51577	399540.55156	-0.03579	0.10000	0.00000	399540.55156	-0.03579	0.5000
3810:	55	11	44	54	11	43	399922.52079	399922.52661	-0.00582	0.10000	0.00000			
3811:	56	26	31	55	26	30	399944.78232	399944.78197	0.00034	0.10000	0.00000	399944.78197	0.00034	0.5000
3812:	56	26	30	55	26	29	399944.78232	399944.78197	0.00034	0.10000	0.00000	399944.78197	0.00034	0.5000
3813:	55	17	39	54	17	38	400257.75252	400257.75639	-0.00387	0.10000	0.00000			
3814:	55	17	38	54	17	37	400331.00907	400331.01417	-0.00510	0.10000	0.00000			
3815:	56	25	32	55	25	31	400398.40880	400398.41639	-0.00759	0.10000	0.00000	400398.41639	-0.00759	0.5000
3816:	56	25	31	55	25	30	400398.40880	400398.41639	-0.00759	0.10000	0.00000	400398.41639	-0.00759	0.5000
3817:	56	24	33	55	24	32	400911.34581	400911.35086	-0.00505	0.10000	0.00000			
3818:	34	12	23	33	11	22	401029.60248	401029.51155	0.09093	0.10000	0.00000			
3819:	53	12	41	52	12	40	401048.43159	401048.45469	-0.02310	0.10000	0.00000			
3820:	34	12	22	33	11	23	401351.70458	401351.99363	-0.28905	0.10000	0.00000			
3821:	59	29	31	59	28	32	401444.58003	401444.60526	-0.02522	0.10000	0.00000	401444.60526	-0.02522	0.5000
3822:	59	29	30	59	28	31	401444.58003	401444.60526	-0.02522	0.10000	0.00000	401444.60526	-0.02522	0.5000
3823:	56	23	34	55	23	33	401496.30375	401496.31111	-0.00736	0.10000	0.00000	401496.31112	-0.00737	0.5000
3824:	56	23	33	55	23	32	401496.30375	401496.31114	-0.00739	0.10000	0.00000	401496.31112	-0.00737	0.5000
3825:	60	7	53	59	8	52	402045.10985	402045.09897	0.01087	0.10000	0.00000	402045.13043	-0.02058	0.2500
3826:	60	8	53	59	8	52	402045.10985	402045.12120	-0.01135	0.10000	0.00000	402045.13043	-0.02058	0.2500
3827:	60	7	53	59	7	52	402045.10985	402045.13966	-0.02981	0.10000	0.00000	402045.13043	-0.02058	0.2500
3828:	60	8	53	59	7	52	402045.10985	402045.16189	-0.05204	0.10000	0.00000	402045.13043	-0.02058	0.2500
3829:	59	8	51	58	9	50	402056.41604	402056.78868	-0.37264	0.10000	0.00000			
3830:	59	8	51	58	8	50	402057.64999	402057.96105	-0.31106	0.10000	0.00000	402057.70552	-0.05553	0.5000
3831:	59	9	51	58	9	50	402057.64999	402057.44999	0.20000	0.10000	0.00000	402057.70552	-0.05553	0.5000
3832:	59	9	51	58	8	50	402058.83946	402058.62236	0.21710	0.10000	0.00000			
3833:	61	6	55	60	6	54	402150.97811	402150.99138	-0.01327	0.10000	0.00000	402150.99112	-0.01302	0.2500
3834:	61	6	55	60	7	54	402150.97811	402150.99029	-0.01219	0.10000	0.00000	402150.99112	-0.01302	0.2500
3835:	61	7	55	60	7	54	402150.97811	402150.99087	-0.01276	0.10000	0.00000	402150.99112	-0.01302	0.2500

3836:	61	7	55	60	6	54	402150.97811	402150.99196	-0.01385	0.10000	0.00000	402150.99112	-0.01302	0.2500
3837:	56	22	35	55	22	34	402170.12333	402170.01790	0.10543	0.10000	0.00000			
3838:	55	16	40	54	16	39	402194.46128	402194.52030	-0.05902	0.10000	0.00000			
3839:	58	9	49	57	10	48	402249.72543	402249.79087	-0.06544	0.10000	0.00000			
3840:	58	10	49	57	10	48	402264.90931	402264.92378	-0.01447	0.10000	0.00000			
3841:	58	9	49	57	9	48	402275.60799	402275.62916	-0.02117	0.10000	0.00000			
3842:	62	6	57	61	5	56	402330.12627	402330.16622	-0.03995	0.10000	0.00000	402330.16620	-0.03993	0.2500
3843:	62	5	57	61	6	56	402330.12627	402330.16618	-0.03992	0.10000	0.00000	402330.16620	-0.03993	0.2500
3844:	62	5	57	61	5	56	402330.12627	402330.16621	-0.03994	0.10000	0.00000	402330.16620	-0.03993	0.2500
3845:	62	6	57	61	6	56	402330.12627	402330.16620	-0.03993	0.10000	0.00000	402330.16620	-0.03993	0.2500
3846:	55	13	43	54	13	42	402519.71144	402519.77170	-0.06026	0.10000	0.00000			
3847:	63	4	59	62	4	58	402555.48316	402555.49003	-0.00686	0.10000	0.00000			
3848:	63	4	59	62	5	58	402555.48316	402555.49003	-0.00686	0.10000	0.00000	402555.49003	-0.00686	0.2500
3849:	63	5	59	62	4	58	402555.48316	402555.49003	-0.00686	0.10000	0.00000	402555.49003	-0.00686	0.2500
3850:	63	5	59	62	5	58	402555.48316	402555.49003	-0.00686	0.10000	0.00000	402555.49003	-0.00686	0.2500
3851:	55	16	39	54	16	38	402740.74836	402740.78620	-0.03784	0.10000	0.00000			
3852:	57	11	47	56	11	46	402770.46550	402770.51920	-0.05370	0.10000	0.00000			
3853:	64	3	61	63	3	60	402809.63663	402809.65947	-0.02284	0.10000	0.00000	402809.65947	-0.02284	0.2500
3854:	64	3	61	63	4	60	402809.63663	402809.65947	-0.02284	0.10000	0.00000	402809.65947	-0.02284	0.2500
3855:	64	4	61	63	4	60	402809.63663	402809.65947	-0.02284	0.10000	0.00000	402809.65947	-0.02284	0.2500
3856:	64	4	61	63	3	60	402809.63663	402809.65947	-0.02284	0.10000	0.00000	402809.65947	-0.02284	0.2500
3857:	57	10	47	56	10	46	402935.14982	402935.18111	-0.03129	0.10000	0.00000			
3858:	56	21	35	55	21	34	402955.10134	402955.04443	0.05690	0.10000	0.00000	402955.04033	0.06101	0.5000
3859:	56	21	36	55	21	35	402955.10134	402955.03622	0.06512	0.10000	0.00000	402955.04033	0.06101	0.5000
3860:	65	2	63	64	3	62	403081.18883	403081.20503	-0.01620	0.10000	0.00000	403081.20503	-0.01620	0.2500
3861:	65	3	63	64	2	62	403081.18883	403081.20503	-0.01620	0.10000	0.00000	403081.20503	-0.01620	0.2500
3862:	65	3	63	64	3	62	403081.18883	403081.20503	-0.01620	0.10000	0.00000	403081.20503	-0.01620	0.2500
3863:	65	2	63	64	2	62	403081.18883	403081.20503	-0.01620	0.10000	0.00000	403081.20503	-0.01620	0.2500
3864:	53	13	40	52	13	39	403133.52965	403133.53306	-0.00341	0.10000	0.00000			
3865:	66	2	65	65	1	64	403362.28022	403362.29909	-0.01887	0.10000	0.00000	403362.29909	-0.01887	0.2500
3866:	66	1	65	65	2	64	403362.28022	403362.29909	-0.01887	0.10000	0.00000	403362.29909	-0.01887	0.2500
3867:	66	1	65	65	1	64	403362.28022	403362.29909	-0.01887	0.10000	0.00000	403362.29909	-0.01887	0.2500
3868:	66	2	65	65	2	64	403362.28022	403362.29909	-0.01887	0.10000	0.00000	403362.29909	-0.01887	0.2500
3869:	56	12	45	55	12	44	403399.95354	403399.96744	-0.01390	0.10000	0.00000			
3870:	32	13	19	31	12	20	403461.61220	403461.72646	-0.11425	0.10000	0.00000			
3871:	53	29	24	53	28	25	403467.43539	403467.71832	-0.28293	0.10000	0.00000	403467.71832	-0.28293	0.5000
3872:	53	29	25	53	28	26	403467.43539	403467.71832	-0.28293	0.10000	0.00000	403467.71832	-0.28293	0.5000
3873:	57	41	16	56	41	15	403573.57494	403573.37430	0.20064	0.10000	0.00000	403573.37430	0.20064	0.5000
3874:	57	41	17	56	41	16	403573.57494	403573.37430	0.20064	0.10000	0.00000	403573.37430	0.20064	0.5000
3875:	67	1	67	66	0	66	403647.47382	403647.48268	-0.00886	0.10000	0.00000	403647.48268	-0.00886	0.2500
3876:	67	1	67	66	1	66	403647.47382	403647.48268	-0.00886	0.10000	0.00000	403647.48268	-0.00886	0.2500
3877:	67	0	67	66	0	66	403647.47382	403647.48268	-0.00886	0.10000	0.00000	403647.48268	-0.00886	0.2500
3878:	67	0	67	66	1	66	403647.47382	403647.48268	-0.00886	0.10000	0.00000	403647.48268	-0.00886	0.2500
3879:	57	40	17	56	40	16	403717.52543	403717.48262	0.04281	0.10000	0.00000	403717.48262	0.04281	0.5000
3880:	57	40	18	56	40	17	403717.52543	403717.48262	0.04281	0.10000	0.00000	403717.48262	0.04281	0.5000
3881:	57	39	19	56	39	18	403869.34389	403869.24985	0.09404	0.10000	0.00000	403869.24985	0.09404	0.5000
3882:	57	39	18	56	39	17	403869.34389	403869.24985	0.09404	0.10000	0.00000	403869.24985	0.09404	0.5000
3883:	56	20	36	55	20	35	403882.91181	403882.96377	-0.05196	0.10000	0.00000	403882.90634	0.00547	0.5000
3884:	56	20	37	55	20	36	403882.91181	403882.84891	0.06290	0.10000	0.00000	403882.90634	0.00547	0.5000

3885:	51	29	23	51	28	24	404009.44860	404009.39290	0.05570	0.10000	0.00000	404009.39290	0.05570	0.5000
3886:	51	29	22	51	28	23	404009.44860	404009.39290	0.05570	0.10000	0.00000	404009.39290	0.05570	0.5000
3887:	57	38	20	56	38	19	404029.65609	404029.61131	0.04478	0.10000	0.00000	404029.61131	0.04478	0.5000
3888:	57	38	19	56	38	18	404029.65609	404029.61131	0.04478	0.10000	0.00000	404029.61131	0.04478	0.5000
3889:	55	15	41	54	15	40	404122.70443	404122.69250	0.01193	0.10000	0.00000			
3890:	67	20	48	68	15	53	404199.64830	404199.70134	-0.05304	0.10000	0.00000	404199.65740	-0.00910	0.3333
3891:	57	37	20	56	37	19	404199.64830	404199.63543	0.01287	0.10000	0.00000	404199.65740	-0.00910	0.3333
3892:	57	37	21	56	37	20	404199.64830	404199.63543	0.01287	0.10000	0.00000	404199.65740	-0.00910	0.3333
3893:	57	36	21	56	36	20	404380.57314	404380.54780	0.02534	0.10000	0.00000	404380.54780	0.02534	0.5000
3894:	57	36	22	56	36	21	404380.57314	404380.54780	0.02534	0.10000	0.00000	404380.54780	0.02534	0.5000
3895:	57	35	23	56	35	22	404573.78982	404573.76060	0.02922	0.10000	0.00000	404573.76060	0.02922	0.5000
3896:	57	35	22	56	35	21	404573.78982	404573.76060	0.02922	0.10000	0.00000	404573.76060	0.02922	0.5000
3897:	30	14	16	29	13	17	404599.15914	404599.10867	0.05047	0.10000	0.00000	404599.08091	0.07823	0.5000
3898:	30	14	17	29	13	16	404599.15914	404599.05315	0.10599	0.10000	0.00000	404599.08091	0.07823	0.5000
3899:	55	14	42	54	14	41	404759.38507	404759.39658	-0.01150	0.10000	0.00000			
3900:	57	34	24	56	34	23	404780.92234	404780.90893	0.01341	0.10000	0.00000			
3901:	56	19	38	55	19	37	404998.96274	404999.04123	-0.07849	0.10000	0.00000			
3902:	56	19	37	55	19	36	405000.51800	405000.43433	0.08367	0.10000	0.00000			
3903:	57	33	24	56	33	23	405003.91511	405003.89591	0.01919	0.10000	0.00000	405003.89591	0.01919	0.5000
3904:	57	33	25	56	33	24	405003.91511	405003.89591	0.01919	0.10000	0.00000	405003.89591	0.01919	0.5000
3905:	56	11	45	55	11	44	405111.75393	405111.78655	-0.03262	0.10000	0.00000			
3906:	46	29	17	46	28	19	405120.98705	405121.01551	-0.02847	0.10000	0.00000	405121.01551	-0.02847	0.5000
3907:	46	29	17	46	28	18	405120.98705	405121.01551	-0.02847	0.10000	0.00000	405121.01551	-0.02847	0.5000
3908:	28	15	17	27	14	13	405219.11937	405219.10074	0.01863	0.10000	0.00000	405219.10087	0.01851	0.5000
3909:	28	15	13	27	14	14	405219.11937	405219.10099	0.01838	0.10000	0.00000	405219.10087	0.01851	0.5000
3910:	57	32	25	56	32	24	405244.95293	405244.94942	0.00351	0.10000	0.00000	405244.94942	0.00351	0.5000
3911:	57	32	26	56	32	25	405244.95293	405244.94942	0.00351	0.10000	0.00000	405244.94942	0.00351	0.5000
3912:	45	29	16	45	28	17	405306.22939	405306.24809	-0.01870	0.10000	0.00000	405306.11021	0.11917	0.2500
3913:	78	30	49	78	29	50	405306.22939	405306.97237	0.25702	0.10000	0.00000	405306.11021	0.11917	0.2500
3914:	78	30	48	78	29	49	405306.22939	405306.97231	0.25708	0.10000	0.00000	405306.11021	0.11917	0.2500
3915:	45	29	17	45	28	18	405306.22939	405306.24809	-0.01870	0.10000	0.00000	405306.11021	0.11917	0.2500
3916:	54	14	40	53	14	39	405459.77360	405459.77882	-0.00522	0.10000	0.00000			
3917:	57	31	27	56	31	26	405506.70787	405506.69396	0.01391	0.10000	0.00000	405506.69396	0.01391	0.5000
3918:	57	31	26	56	31	25	405506.70787	405506.69396	0.01391	0.10000	0.00000	405506.69396	0.01391	0.5000
3919:	26	16	11	25	15	10	405580.44516	405580.41926	0.02591	0.10000	0.00000	405580.41926	0.02591	0.5000
3920:	26	16	10	25	15	11	405580.44516	405580.41926	0.02591	0.10000	0.00000	405580.41926	0.02591	0.5000
3921:	57	30	27	56	30	26	405792.25371	405792.24284	0.01086	0.10000	0.00000	405792.24284	0.01086	0.5000
3922:	57	30	28	56	30	27	405792.25371	405792.24284	0.01086	0.10000	0.00000	405792.24284	0.01086	0.5000
3923:	24	17	7	23	16	8	405811.53683	405811.50825	0.02858	0.10000	0.00000	405811.50825	0.02858	0.5000
3924:	24	17	8	23	16	7	405811.53683	405811.50825	0.02858	0.10000	0.00000	405811.50825	0.02858	0.5000
3925:	22	18	4	21	17	5	405979.30899	405979.26271	0.04627	0.10000	0.00000	405979.26271	0.04627	0.5000
3926:	22	18	5	21	17	4	405979.30899	405979.26271	0.04627	0.10000	0.00000	405979.26271	0.04627	0.5000
3927:	57	29	29	56	29	28	406105.29588	406105.31799	-0.02212	0.10000	0.00000	406105.31799	-0.02212	0.5000
3928:	57	29	28	56	29	27	406105.29588	406105.31799	-0.02212	0.10000	0.00000	406105.31799	-0.02212	0.5000
3929:	20	19	1	19	18	2	406119.20613	406119.21768	-0.01154	0.10000	0.00000	406119.21768	-0.01154	0.5000
3930:	20	19	2	19	18	1	406119.20613	406119.21768	-0.01154	0.10000	0.00000	406119.21768	-0.01154	0.5000
3931:	56	18	39	55	18	38	406370.31340	406370.31593	-0.00254	0.10000	0.00000			
3932:	56	18	38	55	18	37	406384.77678	406384.76540	0.01139	0.10000	0.00000			
3933:	54	12	42	53	12	41	406441.98471	406442.00343	-0.01872	0.10000	0.00000			

3934:	57	28	30	56	28	29	406450.40897	406450.40782	0.00116	0.10000	0.00000	406450.40782	0.00116	0.5000
3935:	57	28	29	56	28	28	406450.40897	406450.40782	0.00116	0.10000	0.00000	406450.40782	0.00116	0.5000
3936:	57	27	30	56	27	29	406832.98938	406832.97873	0.01066	0.10000	0.00000	406832.97873	0.01066	0.5000
3937:	57	27	31	56	27	30	406832.98938	406832.97873	0.01066	0.10000	0.00000	406832.97873	0.01066	0.5000
3938:	30	29	2	30	28	3	406997.51667	406997.89321	-0.37654	0.10000	0.00000	406997.89321	-0.37654	0.5000
3939:	30	29	1	30	28	2	406997.51667	406997.89321	-0.37654	0.10000	0.00000	406997.89321	-0.37654	0.5000
3940:	55	15	40	54	15	39	407181.27877	407181.27859	0.00018	0.10000	0.00000			
3941:	57	26	31	56	26	30	407259.73384	407259.76406	-0.03022	0.10000	0.00000	407259.76406	-0.03022	0.5000
3942:	57	26	32	56	26	31	407259.73384	407259.76406	-0.03022	0.10000	0.00000	407259.76406	-0.03022	0.5000
3943:	57	25	33	56	25	32	407739.19488	407739.16741	0.02747	0.10000	0.00000	407739.16741	0.02747	0.5000
3944:	57	25	32	56	25	31	407739.19488	407739.16741	0.02747	0.10000	0.00000	407739.16741	0.02747	0.5000
3945:	60	8	52	59	8	51	407986.83068	407986.99515	-0.16447	0.10000	0.00000	407986.85016	-0.01948	0.2500
3946:	60	8	52	59	9	51	407986.83068	407986.33384	0.49684	0.10000	0.00000	407986.85016	-0.01948	0.2500
3947:	60	9	52	59	8	51	407986.83068	407987.36648	-0.53580	0.10000	0.00000	407986.85016	-0.01948	0.2500
3948:	60	9	52	59	9	51	407986.83068	407986.70517	0.12550	0.10000	0.00000	407986.85016	-0.01948	0.2500
3949:	61	8	54	60	8	53	407991.90625	407991.91914	-0.01289	0.10000	0.00000	407991.92420	-0.01796	0.2500
3950:	61	7	54	60	8	53	407991.90625	407991.90704	-0.00079	0.10000	0.00000	407991.92420	-0.01796	0.2500
3951:	61	8	54	60	7	53	407991.90625	407991.94137	-0.03512	0.10000	0.00000	407991.92420	-0.01796	0.2500
3952:	61	7	54	60	7	53	407991.90625	407991.92927	-0.02302	0.10000	0.00000	407991.92420	-0.01796	0.2500
3953:	56	17	40	55	17	39	408077.98431	408077.97389	0.01042	0.10000	0.00000			
3954:	62	7	56	61	6	55	408107.32890	408107.36658	-0.03768	0.10000	0.00000	408107.36614	-0.03724	0.2500
3955:	62	6	56	61	6	55	408107.32890	408107.36627	-0.03737	0.10000	0.00000	408107.36614	-0.03724	0.2500
3956:	62	6	56	61	7	55	408107.32890	408107.36570	-0.03680	0.10000	0.00000	408107.36614	-0.03724	0.2500
3957:	62	7	56	61	7	55	408107.32890	408107.36600	-0.03710	0.10000	0.00000	408107.36614	-0.03724	0.2500
3958:	59	9	50	58	10	49	408153.19325	408153.37367	-0.18041	0.10000	0.00000			
3959:	59	10	50	58	10	49	408162.18624	408162.18345	0.00279	0.10000	0.00000			
3960:	59	9	50	58	9	49	408168.50224	408168.50657	-0.00433	0.10000	0.00000			
3961:	59	10	50	58	9	49	408177.33340	408177.31636	0.01704	0.10000	0.00000			
3962:	56	17	39	55	17	38	408203.31557	408203.33102	-0.01545	0.10000	0.00000			
3963:	57	24	34	56	24	33	408281.84845	408281.84062	0.00783	0.10000	0.00000	408281.83118	0.01727	0.3333
3964:	42	16	26	42	14	29	408281.84845	408281.81230	0.03615	0.10000	0.00000	408281.83118	0.01727	0.3333
3965:	57	24	33	56	24	32	408281.84845	408281.84062	0.00782	0.10000	0.00000	408281.83118	0.01727	0.3333
3966:	63	5	58	62	5	57	408291.79621	408291.81588	-0.01967	0.10000	0.00000	408291.81588	-0.01967	0.2500
3967:	63	5	58	62	6	57	408291.79621	408291.81587	-0.01966	0.10000	0.00000	408291.81588	-0.01967	0.2500
3968:	63	6	58	62	5	57	408291.79621	408291.81589	-0.01968	0.10000	0.00000	408291.81588	-0.01967	0.2500
3969:	63	6	58	62	6	57	408291.79621	408291.81588	-0.01966	0.10000	0.00000	408291.81588	-0.01967	0.2500
3970:	64	4	60	63	5	59	408520.02008	408520.01162	0.00846	0.10000	0.00000	408520.01162	0.00846	0.2500
3971:	64	4	60	63	4	59	408520.02008	408520.01162	0.00846	0.10000	0.00000	408520.01162	0.00846	0.2500
3972:	64	5	60	63	4	59	408520.02008	408520.01162	0.00846	0.10000	0.00000	408520.01162	0.00846	0.2500
3973:	64	5	60	63	5	59	408520.02008	408520.01162	0.00846	0.10000	0.00000	408520.01162	0.00846	0.2500
3974:	58	11	48	57	11	47	408623.37402	408623.38807	-0.01405	0.10000	0.00000			
3975:	58	10	48	57	10	47	408725.78044	408725.77229	0.00815	0.10000	0.00000			
3976:	65	3	62	64	3	61	408775.66129	408775.68874	-0.02746	0.10000	0.00000	408775.68874	-0.02746	0.2500
3977:	65	4	62	64	4	61	408775.66129	408775.68874	-0.02746	0.10000	0.00000	408775.68874	-0.02746	0.2500
3978:	65	4	62	64	3	61	408775.66129	408775.68874	-0.02746	0.10000	0.00000	408775.68874	-0.02746	0.2500
3979:	65	3	62	64	4	61	408775.66129	408775.68874	-0.02746	0.10000	0.00000	408775.68874	-0.02746	0.2500
3980:	57	23	35	56	23	34	408901.54591	408901.53828	0.00763	0.10000	0.00000	408901.53831	0.00760	0.5000
3981:	57	23	34	56	23	33	408901.54591	408901.53834	0.00757	0.10000	0.00000	408901.53831	0.00760	0.5000
3982:	56	13	44	55	13	43	408967.06269	408967.06537	-0.00268	0.10000	0.00000			

3983:	66	2	64	65	3	63	409047.96067	409047.97313	-0.01246	0.10000	0.00000	409047.97313	-0.01246	0.2500
3984:	66	3	64	65	2	63	409047.96067	409047.97313	-0.01246	0.10000	0.00000	409047.97313	-0.01246	0.2500
3985:	66	3	64	65	3	63	409047.96067	409047.97313	-0.01246	0.10000	0.00000	409047.97313	-0.01246	0.2500
3986:	66	2	64	65	2	63	409047.96067	409047.97313	-0.01246	0.10000	0.00000	409047.97313	-0.01246	0.2500
3987:	57	12	46	56	12	45	409310.27226	409310.28755	-0.01530	0.10000	0.00000			
3988:	67	2	66	66	2	65	409329.34903	409329.38978	-0.04075	0.10000	0.00000	409329.38978	-0.04075	0.2500
3989:	67	1	66	66	2	65	409329.34903	409329.38978	-0.04075	0.10000	0.00000	409329.38978	-0.04075	0.2500
3990:	67	1	66	66	1	65	409329.34903	409329.38978	-0.04075	0.10000	0.00000	409329.38978	-0.04075	0.2500
3991:	67	2	66	66	1	65	409329.34903	409329.38978	-0.04075	0.10000	0.00000	409329.38978	-0.04075	0.2500
3992:	68	0	68	67	1	67	409614.65978	409614.69252	-0.03274	0.10000	0.00000	409614.69252	-0.03274	0.5000
3993:	68	0	68	67	0	67	409614.65978	409614.69252	-0.03274	0.10000	0.00000	409614.69252	-0.03274	0.5000
3994:	57	22	36	56	22	35	409616.50673	409616.42913	0.07761	0.10000	0.00000	409616.42968	0.07705	0.5000
3995:	57	22	35	56	22	34	409616.50673	409616.43024	0.07649	0.10000	0.00000	409616.42968	0.07705	0.5000
3996:	56	16	41	55	16	40	410105.47664	410105.48158	-0.00494	0.10000	0.00000			
3997:	33	13	21	32	12	20	410156.55132	410156.54499	0.00633	0.10000	0.00000			
3998:	33	13	20	32	12	21	410169.33072	410169.30115	0.02956	0.10000	0.00000			
3999:	58	45	13	57	45	12	410173.38614	410173.13463	0.25152	0.10000	0.00000	410173.13463	0.25152	0.5000
4000:	58	45	14	57	45	13	410173.38614	410173.13463	0.25152	0.10000	0.00000	410173.13463	0.25152	0.5000
4001:	37	10	27	36	9	28	410418.32808	410418.08780	0.24027	0.10000	0.00000			
4002:	58	43	16	57	43	15	410429.85386	410430.09797	-0.24411	0.10000	0.00000	410430.09797	-0.24411	0.5000
4003:	58	43	15	57	43	14	410429.85386	410430.09797	-0.24411	0.10000	0.00000	410430.09797	-0.24411	0.5000
4004:	57	21	37	56	21	36	410451.19719	410451.20065	-0.00347	0.10000	0.00000	410451.20914	-0.01195	0.5000
4005:	57	21	36	56	21	35	410451.19719	410451.21762	-0.02043	0.10000	0.00000	410451.20914	-0.01195	0.5000
4006:	57	11	46	56	11	45	410461.89690	410461.91552	-0.01862	0.10000	0.00000			
4007:	58	41	18	57	41	17	410710.35081	410710.34079	0.01002	0.10000	0.00000	410710.34079	0.01002	0.5000
4008:	58	41	17	57	41	16	410710.35081	410710.34079	0.01002	0.10000	0.00000	410710.34079	0.01002	0.5000
4009:	58	40	19	57	40	18	410861.01614	410860.94510	0.07104	0.10000	0.00000	410860.94510	0.07104	0.5000
4010:	58	40	18	57	40	17	410861.01614	410860.94510	0.07104	0.10000	0.00000	410860.94510	0.07104	0.5000
4011:	56	16	40	55	16	39	410979.25306	410979.26733	-0.01427	0.10000	0.00000			
4012:	58	38	21	57	38	20	411187.54384	411187.47802	0.06583	0.10000	0.00000	411187.47802	0.06583	0.5000
4013:	58	38	20	57	38	19	411187.54384	411187.47802	0.06583	0.10000	0.00000	411187.47802	0.06583	0.5000
4014:	58	37	21	57	37	20	411365.32453	411365.52430	-0.19977	0.10000	0.00000	411365.52430	-0.19977	0.5000
4015:	58	37	22	57	37	21	411365.32453	411365.52430	-0.19977	0.10000	0.00000	411365.52430	-0.19977	0.5000
4016:	55	12	43	54	12	42	411375.72823	411375.74997	-0.02174	0.10000	0.00000			
4017:	54	13	41	53	13	40	411411.44927	411411.45735	-0.00808	0.10000	0.00000			
4018:	57	20	37	56	20	36	411440.69698	411440.81431	-0.11733	0.10000	0.00000	411440.70121	-0.00423	0.5000
4019:	57	20	38	56	20	37	411440.69698	411440.58810	0.10888	0.10000	0.00000	411440.70121	-0.00423	0.5000
4020:	31	14	18	30	13	17	411480.38828	411480.19346	0.19483	0.10000	0.00000	411480.26258	0.12571	0.5000
4021:	31	14	17	30	13	18	411480.38828	411480.33170	0.05659	0.10000	0.00000	411480.26258	0.12571	0.5000
4022:	88	31	58	88	30	59	411555.11255	411554.70111	0.41144	0.10000	0.00000	411554.89765	0.21490	0.2500
4023:	58	36	22	57	36	21	411555.11255	411555.09637	0.01618	0.10000	0.00000	411554.89765	0.21490	0.2500
4024:	58	36	23	57	36	22	411555.11255	411555.09637	0.01618	0.10000	0.00000	411554.89765	0.21490	0.2500
4025:	88	31	57	88	30	58	411555.11255	411554.69676	0.41579	0.10000	0.00000	411554.89765	0.21490	0.2500
4026:	58	35	23	57	35	22	411757.71004	411757.68840	0.02164	0.10000	0.00000	411757.68840	0.02164	0.5000
4027:	58	35	24	57	35	23	411757.71004	411757.68840	0.02164	0.10000	0.00000	411757.68840	0.02164	0.5000
4028:	56	15	42	55	15	41	411906.42100	411906.42639	-0.00539	0.10000	0.00000			
4029:	58	34	25	57	34	24	411975.04505	411975.03146	0.01360	0.10000	0.00000	411975.03146	0.01360	0.5000
4030:	58	34	24	57	34	23	411975.04505	411975.03146	0.01360	0.10000	0.00000	411975.03146	0.01360	0.5000
4031:	56	14	43	55	14	42	411979.44493	411979.48136	-0.03643	0.10000	0.00000			

4032:	29	15	15	28	14	14	412193.46799	412193.43920	0.02879	0.10000	0.00000	412193.43958	0.02842	0.5000
4033:	29	15	14	28	14	15	412193.46799	412193.43995	0.02804	0.10000	0.00000	412193.43958	0.02842	0.5000
4034:	58	33	26	57	33	24	412209.16653	412209.14176	0.02477	0.10000	0.00000	412209.14176	0.02477	0.5000
4035:	58	33	26	57	33	25	412209.16653	412209.14176	0.02477	0.10000	0.00000	412209.14176	0.02477	0.5000
4036:	68	30	39	68	29	40	412211.43094	412211.44846	-0.01752	0.10000	0.00000	412211.44846	-0.01752	0.5000
4037:	68	30	38	68	29	39	412211.43094	412211.44846	-0.01752	0.10000	0.00000	412211.44846	-0.01752	0.5000
4038:	58	32	27	57	32	26	412462.38553	412462.38146	0.00407	0.10000	0.00000	412462.38146	0.00407	0.5000
4039:	58	32	26	57	32	25	412462.38553	412462.38146	0.00407	0.10000	0.00000	412462.38146	0.00407	0.5000
4040:	57	19	39	56	19	38	412635.20893	412635.22046	-0.01153	0.10000	0.00000			
4041:	57	19	38	56	19	37	412637.85648	412637.83331	0.02317	0.10000	0.00000			
4042:	58	31	27	57	31	26	412737.24626	412737.53583	-0.28957	0.10000	0.00000	412737.53583	-0.28957	0.5000
4043:	58	31	28	57	31	27	412737.24626	412737.53583	-0.28957	0.10000	0.00000	412737.53583	-0.28957	0.5000
4044:	25	17	8	24	16	9	412863.76081	412863.74431	0.01650	0.10000	0.00000	412863.74431	0.01650	0.5000
4045:	25	17	9	24	16	8	412863.76081	412863.74431	0.01650	0.10000	0.00000	412863.74431	0.01650	0.5000
4046:	58	30	29	57	30	28	413037.84774	413037.91256	-0.06482	0.10000	0.00000	413037.91256	-0.06482	0.5000
4047:	58	30	28	57	30	27	413037.84774	413037.91256	-0.06482	0.10000	0.00000	413037.91256	-0.06482	0.5000
4048:	23	18	5	22	17	6	413045.20941	413045.19137	0.01804	0.10000	0.00000	413045.19137	0.01804	0.5000
4049:	23	18	6	22	17	5	413045.20941	413045.19137	0.01804	0.10000	0.00000	413045.19137	0.01804	0.5000
4050:	21	19	3	20	18	2	413191.02007	413190.98587	0.03420	0.10000	0.00000	413190.98587	0.03420	0.5000
4051:	21	19	2	20	18	3	413191.02007	413190.98587	0.03420	0.10000	0.00000	413190.98587	0.03420	0.5000
4052:	58	29	30	57	29	29	413367.48824	413367.47114	0.01710	0.10000	0.00000	413367.47114	0.01710	0.5000
4053:	58	29	29	57	29	28	413367.48824	413367.47114	0.01710	0.10000	0.00000	413367.47114	0.01710	0.5000
4054:	58	28	31	57	28	30	413731.01276	413730.99394	0.01882	0.10000	0.00000	413730.99394	0.01882	0.5000
4055:	58	28	30	57	28	29	413731.01276	413730.99394	0.01882	0.10000	0.00000	413730.99394	0.01882	0.5000
4056:	61	9	53	60	8	52	413918.13703	413918.46592	-0.32889	0.10000	0.00000	413918.17645	-0.03942	0.2500
4057:	61	8	53	60	9	52	413918.13703	413917.88698	0.25005	0.10000	0.00000	413918.17645	-0.03942	0.2500
4058:	61	9	53	60	9	52	413918.13703	413918.09459	0.04244	0.10000	0.00000	413918.17645	-0.03942	0.2500
4059:	61	8	53	60	8	52	413918.13703	413918.25832	-0.12129	0.10000	0.00000	413918.17645	-0.03942	0.2500
4060:	62	8	55	61	8	54	413939.38701	413939.39869	-0.01168	0.10000	0.00000	413939.40146	-0.01444	0.2500
4061:	62	7	55	61	7	54	413939.38701	413939.40423	-0.01721	0.10000	0.00000	413939.40146	-0.01444	0.2500
4062:	62	8	55	61	7	54	413939.38701	413939.41079	-0.02378	0.10000	0.00000	413939.40146	-0.01444	0.2500
4063:	62	7	55	61	8	54	413939.38701	413939.39212	-0.00511	0.10000	0.00000	413939.40146	-0.01444	0.2500
4064:	60	9	51	59	10	50	414059.11514	414059.10601	0.00914	0.10000	0.00000			
4065:	60	10	51	59	10	50	414063.83253	414064.20565	-0.37312	0.10000	0.00000	414063.81687	0.01566	0.2000
4066:	63	6	57	62	7	56	414063.83253	414063.71945	0.11308	0.10000	0.00000	414063.81687	0.01566	0.2000
4067:	63	7	57	62	7	56	414063.83253	414063.71961	0.11292	0.10000	0.00000	414063.81687	0.01566	0.2000
4068:	63	6	57	62	6	56	414063.83253	414063.71975	0.11278	0.10000	0.00000	414063.81687	0.01566	0.2000
4069:	63	7	57	62	6	56	414063.83253	414063.71991	0.11262	0.10000	0.00000	414063.81687	0.01566	0.2000
4070:	60	9	51	59	9	50	414067.83948	414067.91579	-0.07631	0.10000	0.00000			
4071:	57	18	40	56	18	39	414108.03053	414108.03485	-0.00432	0.10000	0.00000			
4072:	62	23	39	63	20	44	414134.08274	414134.28267	-0.19993	0.10000	0.00000	414134.17038	-0.08765	0.2500
4073:	57	18	39	56	18	38	414134.08274	414133.76606	0.31667	0.10000	0.00000	414134.17038	-0.08765	0.2500
4074:	58	27	32	57	27	31	414134.08274	414134.31640	-0.23367	0.10000	0.00000	414134.17038	-0.08765	0.2500
4075:	58	27	31	57	27	30	414134.08274	414134.31640	-0.23367	0.10000	0.00000	414134.17038	-0.08765	0.2500
4076:	64	6	59	63	5	58	414253.07565	414253.10097	-0.02532	0.10000	0.00000	414253.10097	-0.02532	0.2500
4077:	64	6	59	63	6	58	414253.07565	414253.10097	-0.02532	0.10000	0.00000	414253.10097	-0.02532	0.2500
4078:	64	5	59	63	5	58	414253.07565	414253.10097	-0.02532	0.10000	0.00000	414253.10097	-0.02532	0.2500
4079:	64	5	59	63	6	58	414253.07565	414253.10096	-0.02531	0.10000	0.00000	414253.10097	-0.02532	0.2500
4080:	59	11	49	58	11	48	414480.07891	414480.06548	0.01342	0.10000	0.00000			

4081:	65	5	61	64	5	60	414483.98023	414484.00206	-0.02183	0.10000	0.00000	414484.00206	-0.02183	0.2500
4082:	65	4	61	64	4	60	414483.98023	414484.00206	-0.02183	0.10000	0.00000	414484.00206	-0.02183	0.2500
4083:	65	4	61	64	5	60	414483.98023	414484.00206	-0.02183	0.10000	0.00000	414484.00206	-0.02183	0.2500
4084:	65	5	61	64	4	60	414483.98023	414484.00206	-0.02183	0.10000	0.00000	414484.00206	-0.02183	0.2500
4085:	59	10	49	58	10	48	414543.09760	414543.11435	-0.01675	0.10000	0.00000			
4086:	58	26	33	57	26	32	414584.61529	414584.64294	-0.02765	0.10000	0.00000	414584.64294	-0.02765	0.5000
4087:	58	26	32	57	26	31	414584.61529	414584.64294	-0.02765	0.10000	0.00000	414584.64294	-0.02765	0.5000
4088:	59	11	49	58	10	48	414639.31106	414639.15945	0.15161	0.10000	0.00000			
4089:	66	4	63	65	3	62	414741.08832	414741.10919	-0.02087	0.10000	0.00000	414741.10919	-0.02087	0.2500
4090:	66	3	63	65	4	62	414741.08832	414741.10919	-0.02087	0.10000	0.00000	414741.10919	-0.02087	0.2500
4091:	66	4	63	65	4	62	414741.08832	414741.10919	-0.02087	0.10000	0.00000	414741.10919	-0.02087	0.2500
4092:	66	3	63	65	3	62	414741.08832	414741.10919	-0.02087	0.10000	0.00000	414741.10919	-0.02087	0.2500
4093:	67	3	65	66	2	64	415014.07498	415014.09940	-0.02442	0.10000	0.00000	415014.09940	-0.02442	0.2500
4094:	67	2	65	66	3	64	415014.07498	415014.09940	-0.02442	0.10000	0.00000	415014.09940	-0.02442	0.2500
4095:	67	2	65	66	2	64	415014.07498	415014.09940	-0.02442	0.10000	0.00000	415014.09940	-0.02442	0.2500
4096:	67	3	65	66	3	64	415014.07498	415014.09940	-0.02442	0.10000	0.00000	415014.09940	-0.02442	0.2500
4097:	55	14	41	54	14	40	415067.74350	415067.77535	-0.03185	0.10000	0.00000			
4098:	58	25	33	57	25	32	415091.00669	415090.99051	0.01617	0.10000	0.00000	415090.99051	0.01617	0.5000
4099:	58	25	34	57	25	33	415091.00669	415090.99051	0.01617	0.10000	0.00000	415090.99051	0.01617	0.5000
4100:	58	12	47	57	12	46	415182.25652	415182.26514	-0.00862	0.10000	0.00000			
4101:	57	13	45	56	13	44	415257.23631	415257.25809	-0.02178	0.10000	0.00000			
4102:	68	2	67	67	2	66	415295.81259	415295.82712	-0.01453	0.10000	0.00000	415295.82712	-0.01453	0.2500
4103:	68	2	67	67	1	66	415295.81259	415295.82712	-0.01453	0.10000	0.00000	415295.82712	-0.01453	0.2500
4104:	68	1	67	67	2	66	415295.81259	415295.82712	-0.01453	0.10000	0.00000	415295.82712	-0.01453	0.2500
4105:	68	1	67	67	1	66	415295.81259	415295.82712	-0.01453	0.10000	0.00000	415295.82712	-0.01453	0.2500
4106:	69	0	69	68	0	68	415581.23159	415581.24657	-0.01498	0.10000	0.00000	415581.24657	-0.01498	0.5000
4107:	69	0	69	68	1	68	415581.23159	415581.24657	-0.01498	0.10000	0.00000	415581.24657	-0.01498	0.5000
4108:	58	24	35	57	24	34	415664.82048	415664.82864	-0.00815	0.10000	0.00000	415664.82864	-0.00815	0.5000
4109:	58	24	34	57	24	33	415664.82048	415664.82864	-0.00816	0.10000	0.00000	415664.82864	-0.00816	0.5000
4110:	57	17	41	56	17	40	415935.17884	415935.23108	-0.05224	0.10000	0.00000			
4111:	58	11	47	57	11	46	415942.85166	415943.08674	-0.23509	0.10000	0.00000	415943.08674	-0.23509	0.5000
4112:	76	19	58	77	14	63	415942.85166	415943.02561	-0.17395	0.10000	0.00000	415943.02561	-0.17395	0.5000
4113:	56	12	44	55	12	43	416056.70632	416056.75103	-0.04471	0.10000	0.00000			
4114:	57	17	40	56	17	39	416145.96126	416145.95696	0.00430	0.10000	0.00000			
4115:	58	23	36	57	23	35	416321.03114	416321.03356	-0.00242	0.10000	0.00000	416321.03356	-0.00242	0.5000
4116:	58	23	35	57	23	34	416321.03114	416321.03370	-0.00256	0.10000	0.00000	416321.03370	-0.00256	0.5000
4117:	56	15	41	55	15	40	416328.64997	416328.64772	0.00225	0.10000	0.00000			
4118:	58	22	36	57	22	35	417079.32267	417079.37001	-0.04734	0.10000	0.00000	417079.36883	-0.04616	0.5000
4119:	58	22	37	57	22	36	417079.32267	417079.36764	-0.04497	0.10000	0.00000	417079.36883	-0.04616	0.5000
4120:	59	42	18	58	42	17	417700.59038	417700.63002	-0.03964	0.10000	0.00000	417700.63002	-0.03964	0.5000
4121:	59	42	17	58	42	16	417700.59038	417700.63002	-0.03964	0.10000	0.00000	417700.63002	-0.03964	0.5000
4122:	58	21	37	57	21	36	417966.90027	417966.91503	-0.01476	0.10000	0.00000	417966.89780	0.00246	0.5000
4123:	58	21	38	57	21	37	417966.90027	417966.88058	0.01969	0.10000	0.00000	417966.89780	0.00246	0.5000
4124:	59	40	19	58	40	18	418007.58548	418007.58935	-0.00387	0.10000	0.00000	418007.58935	-0.00387	0.5000
4125:	59	40	20	58	40	19	418007.58548	418007.58935	-0.00387	0.10000	0.00000	418007.58935	-0.00387	0.5000
4126:	57	16	42	56	16	41	418024.59038	418024.61860	-0.02822	0.10000	0.00000			
4127:	59	39	21	58	39	20	418173.50945	418173.48552	0.02393	0.10000	0.00000	418173.48552	0.02393	0.5000
4128:	59	39	20	58	39	19	418173.50945	418173.48552	0.02393	0.10000	0.00000	418173.48552	0.02393	0.5000
4129:	32	14	18	31	13	19	418330.03465	418330.18411	-0.14946	0.10000	0.00000	418330.01817	0.01648	0.5000

4130:	32	14	19	31	13	18	418330.03465	418329.85222	0.18243	0.10000	0.00000	418330.01817	0.01648	0.5000
4131:	59	38	21	58	38	20	418348.88383	418349.00835	-0.12452	0.10000	0.00000	418349.00835	-0.12452	0.5000
4132:	59	38	22	58	38	21	418348.88383	418349.00835	-0.12452	0.10000	0.00000	418349.00835	-0.12452	0.5000
4133:	59	37	22	58	37	21	418535.37716	418535.35086	0.02630	0.10000	0.00000	418535.35086	0.02630	0.5000
4134:	59	37	23	58	37	22	418535.37716	418535.35086	0.02630	0.10000	0.00000	418535.35086	0.02630	0.5000
4135:	59	36	23	58	36	22	418733.91290	418733.88281	0.03009	0.10000	0.00000	418733.88281	0.03009	0.5000
4136:	59	36	24	58	36	23	418733.91290	418733.88281	0.03009	0.10000	0.00000	418733.88281	0.03009	0.5000
4137:	59	35	25	58	35	24	418946.21077	418946.18417	0.02660	0.10000	0.00000	418946.18417	0.02660	0.5000
4138:	59	35	24	58	35	23	418946.21077	418946.18417	0.02660	0.10000	0.00000	418946.18417	0.02660	0.5000
4139:	55	13	42	54	13	41	418982.76583	418982.76497	0.00087	0.10000	0.00000			
4140:	57	14	44	56	14	43	419013.87974	419013.87587	0.00387	0.10000	0.00000			
4141:	58	20	38	57	20	37	419022.18179	419022.39695	-0.21516	0.10000	0.00000	419022.17778	0.00402	0.5000
4142:	58	20	39	57	20	38	419022.18179	419021.95860	0.22319	0.10000	0.00000	419022.17778	0.00402	0.5000
4143:	30	15	16	29	14	15	419149.28089	419149.25557	0.02532	0.10000	0.00000	419149.25663	0.02426	0.5000
4144:	30	15	15	29	14	16	419149.28089	419149.25769	0.02320	0.10000	0.00000	419149.25663	0.02426	0.5000
4145:	59	34	25	58	34	24	419174.09940	419174.08652	0.01289	0.10000	0.00000	419174.08652	0.01289	0.5000
4146:	59	34	26	58	34	25	419174.09940	419174.08652	0.01289	0.10000	0.00000	419174.08652	0.01289	0.5000
4147:	57	16	41	56	16	40	419391.82304	419391.92384	-0.10060	0.10000	0.00000			
4148:	59	33	26	58	33	25	419419.73521	419419.72470	0.01052	0.10000	0.00000	419419.72470	0.01052	0.5000
4149:	59	33	27	58	33	26	419419.73521	419419.72470	0.01052	0.10000	0.00000	419419.72470	0.01052	0.5000
4150:	57	15	43	56	15	42	419601.59491	419601.56343	0.03147	0.10000	0.00000			
4151:	28	16	13	27	15	12	419619.45165	419619.42860	0.02305	0.10000	0.00000	419619.42861	0.02305	0.5000
4152:	28	16	12	27	15	13	419619.45165	419619.42861	0.02304	0.10000	0.00000	419619.42861	0.02305	0.5000
4153:	59	32	27	58	32	26	419685.61741	419685.60194	0.01546	0.10000	0.00000	419685.60194	0.01546	0.5000
4154:	59	32	28	58	32	27	419685.61741	419685.60194	0.01546	0.10000	0.00000	419685.60194	0.01546	0.5000
4155:	62	8	54	61	8	53	419851.36411	419851.42506	-0.06095	0.10000	0.00000	419851.37905	-0.01494	0.2500
4156:	62	9	54	61	8	53	419851.36411	419851.54065	-0.17654	0.10000	0.00000	419851.37905	-0.01494	0.2500
4157:	62	8	54	61	9	53	419851.36411	419851.21746	0.14665	0.10000	0.00000	419851.37905	-0.01494	0.2500
4158:	62	9	54	61	9	53	419851.36411	419851.33305	0.03107	0.10000	0.00000	419851.37905	-0.01494	0.2500
4159:	63	7	56	62	8	55	419887.33431	419887.42404	-0.08974	0.10000	0.00000	419887.42910	-0.09479	0.2500
4160:	63	7	56	62	7	55	419887.33431	419887.43061	-0.09630	0.10000	0.00000	419887.42910	-0.09479	0.2500
4161:	63	8	56	62	7	55	419887.33431	419887.43416	-0.09985	0.10000	0.00000	419887.42910	-0.09479	0.2500
4162:	63	8	56	62	8	55	419887.33431	419887.42759	-0.09329	0.10000	0.00000	419887.42910	-0.09479	0.2500
4163:	26	17	10	25	16	9	419909.56335	419909.53933	0.02402	0.10000	0.00000	419909.53933	0.02402	0.5000
4164:	26	17	9	25	16	10	419909.56335	419909.53933	0.02402	0.10000	0.00000	419909.53933	0.02402	0.5000
4165:	61	10	52	60	10	51	419970.63999	419970.55458	0.08541	0.10000	0.00000			
4166:	61	9	52	60	9	51	419972.71234	419972.71806	-0.00572	0.10000	0.00000			
4167:	59	31	29	58	31	28	419974.67034	419974.67283	-0.00248	0.10000	0.00000	419974.67283	-0.00248	0.5000
4168:	59	31	28	58	31	27	419974.67034	419974.67283	-0.00248	0.10000	0.00000	419974.67283	-0.00248	0.5000
4169:	64	7	58	63	6	57	420019.96375	420019.98906	-0.02531	0.10000	0.00000	420019.98894	-0.02519	0.2500
4170:	64	6	58	63	7	57	420019.96375	420019.98881	-0.02506	0.10000	0.00000	420019.98894	-0.02519	0.2500
4171:	64	6	58	63	6	57	420019.96375	420019.98898	-0.02522	0.10000	0.00000	420019.98894	-0.02519	0.2500
4172:	64	7	58	63	7	57	420019.96375	420019.98890	-0.02515	0.10000	0.00000	420019.98894	-0.02519	0.2500
4173:	24	18	7	23	17	6	420107.65006	420107.60063	0.04943	0.10000	0.00000	420107.60063	0.04943	0.5000
4174:	24	18	6	23	17	7	420107.65006	420107.60063	0.04943	0.10000	0.00000	420107.60063	0.04943	0.5000
4175:	65	6	60	64	6	59	420213.94230	420213.98918	-0.04689	0.10000	0.00000	420213.98918	-0.04689	0.2500
4176:	65	5	60	64	5	59	420213.94230	420213.98918	-0.04689	0.10000	0.00000	420213.98918	-0.04689	0.2500
4177:	65	5	60	64	6	59	420213.94230	420213.98918	-0.04688	0.10000	0.00000	420213.98918	-0.04689	0.2500
4178:	65	6	60	64	5	59	420213.94230	420213.98918	-0.04689	0.10000	0.00000	420213.98918	-0.04689	0.2500

4179:	22 19	4 21 18	3	420261.12901	420261.09233	0.03668	0.10000	0.00000	420261.09233	0.03668	0.5000
4180:	22 19	3 21 18	4	420261.12901	420261.09233	0.03668	0.10000	0.00000	420261.09233	0.03668	0.5000
4181:	59 30	29 58 30 28		420290.46078	420290.45020	0.01058	0.10000	0.00000	420290.45020	0.01058	0.5000
4182:	59 30	30 58 30 29		420290.46078	420290.45020	0.01058	0.10000	0.00000	420290.45020	0.01058	0.5000
4183:	58 19	40 57 19 39		420300.86946	420300.78930	0.08016	0.10000	0.00000			
4184:	58 19	39 57 19 38		420305.60129	420305.61139	-0.01010	0.10000	0.00000			
4185:	60 11	50 59 11 49		420342.07725	420342.09636	-0.01910	0.10000	0.00000			
4186:	20 20	0 19 19 1		420395.76409	420395.77851	-0.01441	0.10000	0.00000	420395.77851	-0.01441	0.5000
4187:	20 20	1 19 19 0		420395.76409	420395.77851	-0.01441	0.10000	0.00000	420395.77851	-0.01441	0.5000
4188:	66 4	62 65 5 61		420447.37728	420447.44257	-0.06529	0.10000	0.00000	420447.44257	-0.06529	0.2500
4189:	66 5	62 65 4 61		420447.37728	420447.44257	-0.06529	0.10000	0.00000	420447.44257	-0.06529	0.2500
4190:	66 5	62 65 5 61		420447.37728	420447.44257	-0.06529	0.10000	0.00000	420447.44257	-0.06529	0.2500
4191:	66 4	62 65 4 61		420447.37728	420447.44257	-0.06529	0.10000	0.00000	420447.44257	-0.06529	0.2500
4192:	59 29	31 58 29 30		420637.15684	420637.14494	0.01190	0.10000	0.00000	420637.14494	0.01190	0.5000
4193:	59 29	30 58 29 29		420637.15684	420637.14494	0.01190	0.10000	0.00000	420637.14494	0.01190	0.5000
4194:	57 12	45 56 12 44		420686.20946	420686.22220	-0.01274	0.10000	0.00000			
4195:	67 3	64 66 3 63		420705.88094	420705.90784	-0.02690	0.10000	0.00000	420705.90784	-0.02690	0.2500
4196:	67 3	64 66 4 63		420705.88094	420705.90784	-0.02690	0.10000	0.00000	420705.90784	-0.02690	0.2500
4197:	67 4	64 66 3 63		420705.88094	420705.90784	-0.02690	0.10000	0.00000	420705.90784	-0.02690	0.2500
4198:	67 4	64 66 4 63		420705.88094	420705.90784	-0.02690	0.10000	0.00000	420705.90784	-0.02690	0.2500
4199:	68 3	66 67 2 65		420979.54161	420979.57320	-0.03160	0.10000	0.00000	420979.57320	-0.03160	0.2500
4200:	68 3	66 67 3 65		420979.54161	420979.57320	-0.03160	0.10000	0.00000	420979.57320	-0.03160	0.2500
4201:	68 2	66 67 2 65		420979.54161	420979.57320	-0.03160	0.10000	0.00000	420979.57320	-0.03160	0.2500
4202:	68 2	66 67 3 65		420979.54161	420979.57320	-0.03160	0.10000	0.00000	420979.57320	-0.03160	0.2500
4203:	59 28	31 58 28 30		421019.83612	421019.85155	-0.01542	0.10000	0.00000	421019.85155	-0.01542	0.5000
4204:	59 28	32 58 28 31		421019.83612	421019.85155	-0.01542	0.10000	0.00000	421019.85155	-0.01542	0.5000
4205:	59 12	48 58 12 47		421030.63898	421030.64490	-0.00592	0.10000	0.00000			
4206:	69 1	68 68 2 67		421261.57027	421261.60126	-0.03099	0.10000	0.00000	421261.60126	-0.03099	0.2500
4207:	69 1	68 68 1 67		421261.57027	421261.60126	-0.03099	0.10000	0.00000	421261.60126	-0.03099	0.2500
4208:	69 2	68 68 1 67		421261.57027	421261.60126	-0.03099	0.10000	0.00000	421261.60126	-0.03099	0.2500
4209:	69 2	68 68 2 67		421261.57027	421261.60126	-0.03099	0.10000	0.00000	421261.60126	-0.03099	0.2500
4210:	58 13	46 57 13 45		421413.02112	421413.02885	-0.00773	0.10000	0.00000			
4211:	59 27	33 58 27 32		421444.79537	421444.79878	-0.00341	0.10000	0.00000	421444.79878	-0.00341	0.5000
4212:	59 27	32 58 27 31		421444.79537	421444.79878	-0.00341	0.10000	0.00000	421444.79878	-0.00341	0.5000
4213:	59 11	48 58 11 47		421525.56286	421525.57497	-0.01211	0.10000	0.00000			
4214:	70 0	70 69 0 69		421547.11412	421547.13515	-0.02103	0.10000	0.00000	421547.13515	-0.02103	0.5000
4215:	70 0	70 69 1 69		421547.11412	421547.13515	-0.02103	0.10000	0.00000	421547.13515	-0.02103	0.5000
4216:	58 18	41 57 18 40		421881.81028	421881.88478	-0.07449	0.10000	0.00000			
4217:	59 26	33 58 26 32		421919.70860	421919.69543	0.01318	0.10000	0.00000	421919.69543	0.01318	0.5000
4218:	59 26	34 58 26 33		421919.70860	421919.69543	0.01318	0.10000	0.00000	421919.69543	0.01318	0.5000
4219:	58 18	40 57 18 39		421926.96875	421926.95475	0.01400	0.10000	0.00000			
4220:	32 16	17 32 14 18		422454.23047	422454.44682	-0.21635	0.10000	0.00000	422454.44134	-0.11087	0.2500
4221:	32 16	16 32 14 19		422454.23047	422454.48108	-0.25061	0.10000	0.00000	422454.44134	-0.11087	0.2500
4222:	59 25	35 58 25 34		422454.23047	422454.21873	0.01174	0.10000	0.00000	422454.44134	-0.11087	0.2500
4223:	59 25	34 58 25 33		422454.23047	422454.21873	0.01174	0.10000	0.00000	422454.44134	-0.11087	0.2500
4224:	59 24	36 58 24 35		423060.74007	423060.72430	0.01577	0.10000	0.00000	423060.72431	0.01576	0.5000
4225:	59 24	35 58 24 34		423060.74007	423060.72432	0.01575	0.10000	0.00000	423060.72431	0.01576	0.5000
4226:	35 13	23 34 12 22		423366.42933	423366.52075	-0.09142	0.10000	0.00000			
4227:	35 13	22 34 12 23		423420.08642	423420.06582	0.02060	0.10000	0.00000			

4228:	59	23	36	58	23	35	423755.30670	423755.31413	-0.00743	0.10000	0.00000	423755.31397	-0.00727	0.5000
4229:	59	23	37	58	23	36	423755.30670	423755.31381	-0.00711	0.10000	0.00000	423755.31397	-0.00727	0.5000
4230:	58	17	42	57	17	41	423827.02493	423827.04566	-0.02073	0.10000	0.00000			
4231:	38	12	27	37	11	26	423997.24494	423997.15195	0.09298	0.10000	0.00000			
4232:	58	17	41	57	17	40	424174.90545	424174.91495	-0.00950	0.10000	0.00000			
4233:	56	14	42	55	14	41	424494.74501	424494.77393	-0.02892	0.10000	0.00000			
4234:	59	22	37	58	22	36	424559.52867	424559.51303	0.01565	0.10000	0.00000	424559.51055	0.01812	0.5000
4235:	59	22	38	58	22	37	424559.52867	424559.50807	0.02060	0.10000	0.00000	424559.51055	0.01812	0.5000
4236:	60	42	18	59	42	17	424837.11384	424837.10214	0.01170	0.10000	0.00000	424837.10214	0.01170	0.5000
4237:	60	42	19	59	42	18	424837.11384	424837.10214	0.01170	0.10000	0.00000	424837.10214	0.01170	0.5000
4238:	60	40	20	59	40	19	425157.49351	425157.47392	0.01959	0.10000	0.00000	425157.47392	0.01959	0.5000
4239:	60	40	21	59	40	20	425157.49351	425157.47392	0.01959	0.10000	0.00000	425157.47392	0.01959	0.5000
4240:	60	39	22	59	39	21	425330.79915	425330.78572	0.01344	0.10000	0.00000	425330.78572	0.01344	0.5000
4241:	60	39	21	59	39	20	425330.79915	425330.78572	0.01344	0.10000	0.00000	425330.78572	0.01344	0.5000
4242:	58	12	46	57	12	45	425411.70143	425411.69888	0.00256	0.10000	0.00000			
4243:	59	21	38	58	21	37	425503.02986	425503.06139	-0.03153	0.10000	0.00000	425503.02698	0.00288	0.5000
4244:	59	21	39	58	21	38	425503.02986	425502.99256	0.03730	0.10000	0.00000	425503.02698	0.00288	0.5000
4245:	60	38	23	59	38	22	425514.27932	425514.27146	0.00786	0.10000	0.00000	425514.27146	0.00786	0.5000
4246:	60	38	22	59	38	21	425514.27932	425514.27146	0.00786	0.10000	0.00000	425514.27146	0.00786	0.5000
4247:	60	37	23	59	37	22	425709.38169	425709.19056	0.19113	0.10000	0.00000	425709.19056	0.19113	0.5000
4248:	60	37	24	59	37	23	425709.38169	425709.19056	0.19113	0.10000	0.00000	425709.19056	0.19113	0.5000
4249:	57	15	42	56	15	41	425764.55302	425764.54478	0.00824	0.10000	0.00000			
4250:	63	8	55	62	8	54	425786.17136	425786.21737	-0.04601	0.10000	0.00000	425786.19163	-0.02027	0.2500
4251:	63	9	55	62	9	54	425786.17136	425786.16588	0.00547	0.10000	0.00000	425786.19163	-0.02027	0.2500
4252:	63	9	55	62	8	54	425786.17136	425786.28147	-0.11011	0.10000	0.00000	425786.19163	-0.02027	0.2500
4253:	63	8	55	62	9	54	425786.17136	425786.10178	0.06957	0.10000	0.00000	425786.19163	-0.02027	0.2500
4254:	56	13	43	55	13	42	425797.79746	425797.78915	0.00831	0.10000	0.00000			
4255:	64	8	57	63	7	56	425835.84744	425835.89097	-0.04353	0.10000	0.00000	425835.88824	-0.04080	0.2500
4256:	64	8	57	63	8	56	425835.84744	425835.88742	-0.03998	0.10000	0.00000	425835.88824	-0.04080	0.2500
4257:	64	7	57	63	7	56	425835.84744	425835.88906	-0.04162	0.10000	0.00000	425835.88824	-0.04080	0.2500
4258:	64	7	57	63	8	56	425835.84744	425835.88551	-0.03807	0.10000	0.00000	425835.88824	-0.04080	0.2500
4259:	58	14	45	57	14	44	425855.22580	425855.24014	-0.01434	0.10000	0.00000			
4260:	62	9	53	61	10	52	425878.84545	425879.09950	-0.25405	0.10000	0.00000			
4261:	62	10	53	61	10	52	425880.51317	425880.78142	-0.26825	0.10000	0.00000			
4262:	62	9	53	61	9	52	425882.12035	425882.03566	0.08469	0.10000	0.00000			
4263:	60	36	25	59	36	24	425917.04566	425916.98974	0.05592	0.10000	0.00000	425916.98974	0.05592	0.5000
4264:	60	36	24	59	36	23	425917.04566	425916.98974	0.05592	0.10000	0.00000	425916.98974	0.05592	0.5000
4265:	58	16	43	57	16	42	425934.41071	425934.50442	-0.09371	0.10000	0.00000			
4266:	65	6	59	64	6	58	425976.09769	425976.11663	-0.01894	0.10000	0.00000	425976.11661	-0.01891	0.2500
4267:	65	7	59	64	7	58	425976.09769	425976.11659	-0.01889	0.10000	0.00000	425976.11661	-0.01891	0.2500
4268:	65	6	59	64	7	58	425976.09769	425976.11654	-0.01885	0.10000	0.00000	425976.11661	-0.01891	0.2500
4269:	65	7	59	64	6	58	425976.09769	425976.11667	-0.01898	0.10000	0.00000	425976.11661	-0.01891	0.2500
4270:	31	15	16	30	14	17	426084.37506	426084.38769	-0.01263	0.10000	0.00000	426084.38481	-0.00974	0.5000
4271:	31	15	17	30	14	16	426084.37506	426084.38192	-0.00886	0.10000	0.00000	426084.38481	-0.00974	0.5000
4272:	60	35	26	59	35	25	426139.31347	426139.33868	-0.02521	0.10000	0.00000	426139.33868	-0.02521	0.5000
4273:	60	35	25	59	35	24	426139.31347	426139.33868	-0.02521	0.10000	0.00000	426139.33868	-0.02521	0.5000
4274:	66	5	61	65	5	60	426174.39907	426174.45039	-0.05132	0.10000	0.00000	426174.45039	-0.05132	0.2500
4275:	66	5	61	65	6	60	426174.39907	426174.45039	-0.05132	0.10000	0.00000	426174.45039	-0.05132	0.2500
4276:	66	6	61	65	5	60	426174.39907	426174.45039	-0.05132	0.10000	0.00000	426174.45039	-0.05132	0.2500

4277:	66	6	61	65	6	60	426174.39907	426174.45039	-0.05132	0.10000	0.00000	426174.45039	-0.05132	0.2500
4278:	61	11	51	60	11	50	426210.12534	426210.15957	-0.03422	0.10000	0.00000			
4279:	61	10	51	60	10	50	426233.33808	426233.45789	-0.11982	0.10000	0.00000			
4280:	67	5	63	66	4	62	426410.26585	426410.31516	-0.04931	0.10000	0.00000	426410.31516	-0.04931	0.2500
4281:	67	5	63	66	5	62	426410.26585	426410.31516	-0.04931	0.10000	0.00000	426410.31516	-0.04931	0.2500
4282:	67	4	63	66	4	62	426410.26585	426410.31516	-0.04931	0.10000	0.00000	426410.31516	-0.04931	0.2500
4283:	67	4	63	66	5	62	426410.26585	426410.31516	-0.04931	0.10000	0.00000	426410.31516	-0.04931	0.2500
4284:	29	16	13	28	15	14	426620.96778	426620.93929	0.02850	0.10000	0.00000	426620.93928	0.02851	0.5000
4285:	29	16	14	28	15	13	426620.96778	426620.93927	0.02852	0.10000	0.00000	426620.93928	0.02851	0.5000
4286:	59	20	39	58	20	38	426628.69594	426629.08618	-0.39024	0.10000	0.00000	426628.66817	0.02777	0.5000
4287:	59	20	40	58	20	39	426628.69594	426628.25016	0.44577	0.10000	0.00000	426628.66817	0.02777	0.5000
4288:	60	33	27	59	33	26	426635.77947	426635.75576	0.02371	0.10000	0.00000	426635.75576	0.02371	0.5000
4289:	60	33	28	59	33	27	426635.77947	426635.75576	0.02371	0.10000	0.00000	426635.75576	0.02371	0.5000
4290:	68	3	65	67	3	64	426670.04562	426670.07201	-0.02639	0.10000	0.00000	426670.07201	-0.02639	0.2500
4291:	68	3	65	67	4	64	426670.04562	426670.07201	-0.02639	0.10000	0.00000	426670.07201	-0.02639	0.2500
4292:	68	4	65	67	4	64	426670.04562	426670.07201	-0.02639	0.10000	0.00000	426670.07201	-0.02639	0.2500
4293:	68	4	65	67	3	64	426670.04562	426670.07201	-0.02639	0.10000	0.00000	426670.07201	-0.02639	0.2500
4294:	60	12	49	59	12	48	426866.50777	426866.52169	-0.01392	0.10000	0.00000	426670.07201	-0.02639	0.2500
4295:	60	32	29	59	32	28	426914.76499	426914.73473	0.03026	0.10000	0.00000			
4296:	60	32	28	59	32	27	426914.76499	426914.73473	0.03026	0.10000	0.00000	426914.73473	0.03026	0.5000
4297:	69	2	67	68	3	66	426944.34877	426944.38397	-0.03520	0.10000	0.00000	426914.73473	0.03026	0.5000
4298:	69	3	67	68	2	66	426944.34877	426944.38397	-0.03520	0.10000	0.00000	426944.38397	-0.03520	0.2500
4299:	69	3	67	68	3	66	426944.34877	426944.38397	-0.03520	0.10000	0.00000	426944.38397	-0.03520	0.2500
4300:	69	2	67	68	2	66	426944.34877	426944.38397	-0.03520	0.10000	0.00000	426944.38397	-0.03520	0.2500
4301:	27	17	11	26	16	10	426947.84160	426947.91798	-0.07638	0.10000	0.00000	426947.91798	-0.07638	0.5000
4302:	27	17	10	26	16	11	426947.84160	426947.91798	-0.07638	0.10000	0.00000	426947.91798	-0.07638	0.5000
4303:	25	18	8	24	17	7	427165.84987	427165.80704	0.04284	0.10000	0.00000	427165.80704	0.04284	0.5000
4304:	25	18	7	24	17	8	427165.84987	427165.80704	0.04284	0.10000	0.00000	427165.80704	0.04284	0.5000
4305:	58	15	44	57	15	43	427177.92588	427177.92742	-0.00153	0.10000	0.00000			
4306:	60	11	49	59	11	48	427184.18958	427184.19216	-0.00259	0.10000	0.00000			
4307:	60	31	30	59	31	29	427218.25262	427218.24404	0.00858	0.10000	0.00000	427218.24404	0.00858	0.5000
4308:	60	31	29	59	31	28	427218.25262	427218.24404	0.00858	0.10000	0.00000	427218.24404	0.00858	0.5000
4309:	70	2	69	69	2	68	427226.68122	427226.70236	-0.02114	0.10000	0.00000	427226.70236	-0.02114	0.2500
4310:	70	1	69	69	1	68	427226.68122	427226.70236	-0.02114	0.10000	0.00000	427226.70236	-0.02114	0.2500
4311:	70	1	69	69	2	68	427226.68122	427226.70236	-0.02114	0.10000	0.00000	427226.70236	-0.02114	0.2500
4312:	70	2	69	69	1	68	427226.68122	427226.70236	-0.02114	0.10000	0.00000	427226.70236	-0.02114	0.2500
4313:	23	19	4	22	18	5	427329.09231	427329.05836	0.03395	0.10000	0.00000	427329.05836	0.03395	0.5000
4314:	23	19	5	22	18	4	427329.09231	427329.05836	0.03395	0.10000	0.00000	427329.05836	0.03395	0.5000
4315:	59	13	47	58	13	46	427459.24561	427459.25546	-0.00985	0.10000	0.00000			
4316:	21	20	2	20	19	1	427467.61155	427467.56154	-0.00985	0.10000	0.00000			
4317:	21	20	1	20	19	2	427467.61155	427467.56154	0.05000	0.10000	0.00000	427467.56154	0.05000	0.5000
4318:	71	0	71	70	0	70	427512.34577	427512.34861	-0.00283	0.10000	0.00000	427512.34861	-0.00283	0.2500
4319:	71	1	71	70	1	70	427512.34577	427512.34861	-0.00283	0.10000	0.00000	427512.34861	-0.00283	0.2500
4320:	71	0	71	70	1	70	427512.34577	427512.34861	-0.00283	0.10000	0.00000	427512.34861	-0.00283	0.2500
4321:	71	1	71	70	0	70	427512.34577	427512.34861	-0.00283	0.10000	0.00000	427512.34861	-0.00283	0.2500
4322:	60	30	31	59	30	30	427550.02671	427550.01314	0.01357	0.10000	0.00000	427550.01314	0.01357	0.5000
4323:	60	30	30	59	30	29	427550.02671	427550.01314	0.01357	0.10000	0.00000	427550.01314	0.01357	0.5000
4324:	60	29	31	59	29	30	427914.55314	427914.51917	0.03397	0.10000	0.00000	427914.51917	0.03397	0.5000
4325:	60	29	32	59	29	31	427914.55314	427914.51917	0.03397	0.10000	0.00000	427914.51917	0.03397	0.5000

4375:	67	5	62	66	5	61	432134.43952	432134.45637	-0.01685	0.10000	0.00000	432134.45637	-0.01685	0.2500
4376:	67	5	62	66	6	61	432134.43952	432134.45637	-0.01685	0.10000	0.00000	432134.45637	-0.01685	0.2500
4377:	67	6	62	66	6	61	432134.43952	432134.45637	-0.01685	0.10000	0.00000	432134.45637	-0.01685	0.2500
4378:	67	6	62	66	5	61	432134.43952	432134.45637	-0.01685	0.10000	0.00000	432134.45637	-0.01685	0.2500
4379:	59	17	42	58	17	41	432312.14397	432312.04180	0.10217	0.10000	0.00000			
4380:	68	4	64	67	4	63	432372.57107	432372.60256	-0.03149	0.10000	0.00000	432372.60256	-0.03149	0.2500
4381:	68	5	64	67	5	63	432372.57107	432372.60256	-0.03149	0.10000	0.00000	432372.60256	-0.03149	0.2500
4382:	68	4	64	67	5	63	432372.57107	432372.60256	-0.03149	0.10000	0.00000	432372.60256	-0.03149	0.2500
4383:	68	5	64	67	4	63	432372.57107	432372.60256	-0.03149	0.10000	0.00000	432372.60256	-0.03149	0.2500
4384:	61	39	22	60	39	21	432491.64089	432491.62617	0.01472	0.10000	0.00000	432491.62617	0.01472	0.5000
4385:	61	39	23	60	39	22	432491.64089	432491.62617	0.01472	0.10000	0.00000	432491.62617	0.01472	0.5000
4386:	59	14	46	58	14	45	432505.25727	432505.25426	0.00301	0.10000	0.00000			
4387:	69	4	66	68	4	65	432633.57063	432633.58924	-0.01860	0.10000	0.00000	432633.58924	-0.01860	0.2500
4388:	69	4	66	68	3	65	432633.57063	432633.58924	-0.01860	0.10000	0.00000	432633.58924	-0.01860	0.2500
4389:	69	3	66	68	3	65	432633.57063	432633.58924	-0.01860	0.10000	0.00000	432633.58924	-0.01860	0.2500
4390:	69	3	66	68	4	65	432633.57063	432633.58924	-0.01860	0.10000	0.00000	432633.58924	-0.01860	0.2500
4391:	61	38	23	60	38	22	432683.32701	432683.33724	-0.01023	0.10000	0.00000	432683.33724	-0.01023	0.5000
4392:	61	38	24	60	38	23	432683.32701	432683.33724	-0.01023	0.10000	0.00000	432683.33724	-0.01023	0.5000
4393:	61	12	50	60	12	49	432697.79076	432697.78545	0.00532	0.10000	0.00000			
4394:	61	37	25	60	37	24	432887.13367	432887.11975	0.01392	0.10000	0.00000	432887.11975	0.01392	0.5000
4395:	61	37	24	60	37	23	432887.13367	432887.11975	0.01392	0.10000	0.00000	432887.11975	0.01392	0.5000
4396:	61	11	50	60	11	49	432899.25863	432899.27668	-0.01805	0.10000	0.00000			
4397:	70	2	68	69	2	67	432908.49757	432908.52120	-0.02363	0.10000	0.00000	432908.52120	-0.02363	0.2500
4398:	70	2	68	69	3	67	432908.49757	432908.52120	-0.02363	0.10000	0.00000	432908.52120	-0.02363	0.2500
4399:	70	3	68	69	3	67	432908.49757	432908.52120	-0.02363	0.10000	0.00000	432908.52120	-0.02363	0.2500
4400:	70	3	68	69	2	67	432908.49757	432908.52120	-0.02363	0.10000	0.00000	432908.52120	-0.02363	0.2500
4401:	32	15	18	31	14	17	432996.83617	432996.46780	0.36837	0.10000	0.00000	432996.47533	0.36084	0.5000
4402:	32	15	17	31	14	18	432996.83617	432996.48285	0.35331	0.10000	0.00000	432996.47533	0.36084	0.5000
4403:	60	21	40	59	21	39	433060.60399	433060.53338	0.07061	0.10000	0.00000	433060.60106	0.00292	0.5000
4404:	60	21	39	59	21	38	433060.60399	433060.66875	-0.06476	0.10000	0.00000	433060.60106	0.00292	0.5000
4405:	61	36	25	60	36	24	433104.51859	433104.50083	0.01776	0.10000	0.00000	433104.50083	0.01776	0.5000
4406:	61	36	26	60	36	25	433104.51859	433104.50083	0.01776	0.10000	0.00000	433104.50083	0.01776	0.5000
4407:	71	1	70	70	1	69	433191.09529	433191.12059	-0.02530	0.10000	0.00000	433191.12059	-0.02530	0.2500
4408:	71	2	70	70	2	69	433191.09529	433191.12059	-0.02530	0.10000	0.00000	433191.12059	-0.02530	0.2500
4409:	71	1	70	70	2	69	433191.09529	433191.12059	-0.02530	0.10000	0.00000	433191.12059	-0.02530	0.2500
4410:	71	2	70	70	1	69	433191.09529	433191.12059	-0.02530	0.10000	0.00000	433191.12059	-0.02530	0.2500
4411:	61	35	26	60	35	25	433337.23157	433337.24401	-0.01245	0.10000	0.00000	433337.24401	-0.01245	0.5000
4412:	61	35	27	60	35	26	433337.23157	433337.24401	-0.01245	0.10000	0.00000	433337.24401	-0.01245	0.5000
4413:	60	13	48	59	13	47	433420.70456	433420.69663	0.00793	0.10000	0.00000			
4414:	72	0	72	71	0	71	433476.84452	433476.87727	-0.03275	0.10000	0.00000	433476.87727	-0.03275	0.5000
4415:	72	0	72	71	1	71	433476.84452	433476.87727	-0.03275	0.10000	0.00000	433476.87727	-0.03275	0.5000
4416:	57	14	43	56	14	42	433512.19057	433512.18282	0.00775	0.10000	0.00000			
4417:	61	34	27	60	34	26	433587.39804	433587.39646	0.00158	0.10000	0.00000	433587.39646	0.00158	0.5000
4418:	61	34	28	60	34	27	433587.39804	433587.39646	0.00158	0.10000	0.00000	433587.39646	0.00158	0.5000
4419:	30	16	15	29	15	14	433608.45483	433608.45868	-0.00385	0.10000	0.00000	433608.45871	-0.00388	0.5000
4420:	30	16	14	29	15	15	433608.45483	433608.45875	-0.00391	0.10000	0.00000	433608.45871	-0.00388	0.5000
4421:	59	16	44	58	16	43	433812.87990	433812.87945	0.01845	0.10000	0.00000			
4422:	61	33	28	60	33	27	433857.38290	433857.34806	0.03483	0.10000	0.00000	433857.34806	0.03483	0.5000
4423:	61	33	29	60	33	28	433857.38290	433857.34806	0.03483	0.10000	0.00000	433857.34806	0.03483	0.5000

4424:	28	17	12	27	16	11	433978.10447	433977.83707	0.26741	0.10000	0.00000	433977.83707	0.26741	0.5000
4425:	28	17	11	27	16	12	433978.10447	433977.83707	0.26741	0.10000	0.00000	433977.83707	0.26741	0.5000
4426:	61	32	29	60	32	28	434149.92845	434149.90625	0.02220	0.10000	0.00000			
4427:	26	18	9	25	17	8	434219.13365	434219.07730	0.05635	0.10000	0.00000	434219.07730	0.05635	0.5000
4428:	26	18	8	25	17	9	434219.13365	434219.07730	0.05635	0.10000	0.00000	434219.07730	0.05635	0.5000
4429:	60	20	41	59	20	40	434260.82936	434260.86826	-0.03889	0.10000	0.00000			
4430:	60	20	40	59	20	39	434262.50176	434262.43808	0.06368	0.10000	0.00000			
4431:	24	19	5	23	18	6	434394.37528	434394.36600	0.00928	0.10000	0.00000	434394.36600	0.00928	0.5000
4432:	24	19	6	23	18	5	434394.37528	434394.36600	0.00928	0.10000	0.00000	434394.36600	0.00928	0.5000
4433:	61	31	31	60	31	30	434468.44032	434468.39179	0.04853	0.10000	0.00000	434468.39179	0.04853	0.5000
4434:	61	31	30	60	31	29	434468.44032	434468.39179	0.04853	0.10000	0.00000	434468.39179	0.04853	0.5000
4435:	22	20	2	21	19	3	434538.17131	434538.15067	0.02064	0.10000	0.00000	434538.15067	0.02064	0.5000
4436:	22	20	3	21	19	2	434538.17131	434538.15067	0.02064	0.10000	0.00000	434538.15067	0.02064	0.5000
4437:	59	15	45	58	15	44	434607.22702	434607.22486	0.00217	0.10000	0.00000			
4438:	61	30	32	60	30	31	434816.78137	434816.76297	0.01840	0.10000	0.00000	434816.76297	0.01840	0.5000
4439:	61	30	31	60	30	30	434816.78137	434816.76297	0.01840	0.10000	0.00000	434816.76297	0.01840	0.5000
4440:	61	29	32	60	29	31	435199.78653	435199.77899	0.00753	0.10000	0.00000	435199.77899	0.00753	0.5000
4441:	61	29	33	60	29	32	435199.78653	435199.77899	0.00753	0.10000	0.00000	435199.77899	0.00753	0.5000
4442:	60	12	48	59	12	47	435398.99170	435399.01251	-0.02081	0.10000	0.00000			
4443:	58	15	43	57	15	42	435416.57940	435416.62846	-0.04906	0.10000	0.00000			
4444:	61	28	34	60	28	33	435623.25040	435623.21865	0.03175	0.10000	0.00000	435623.21865	0.03175	0.5000
4445:	61	28	33	60	28	32	435623.25040	435623.21865	0.03175	0.10000	0.00000	435623.21865	0.03175	0.5000
4446:	60	19	42	59	19	41	435727.06768	435727.06604	0.00165	0.10000	0.00000			
4447:	60	19	41	59	19	40	435742.72253	435742.72767	-0.00514	0.10000	0.00000			
4448:	61	27	34	60	27	33	436094.19707	436094.17835	0.01872	0.10000	0.00000	436094.17835	0.01872	0.5000
4449:	61	27	35	60	27	34	436094.19707	436094.17835	0.01872	0.10000	0.00000	436094.17835	0.01872	0.5000
4450:	37	13	24	36	12	25	436430.40862	436430.51960	-0.11098	0.10000	0.00000			
4451:	61	26	35	60	26	34	436621.49981	436621.48774	0.01207	0.10000	0.00000	436621.48774	0.01207	0.5000
4452:	61	26	36	60	26	35	436621.49981	436621.48774	0.01207	0.10000	0.00000	436621.48774	0.01207	0.5000
4453:	59	16	43	58	16	42	436920.05271	436920.07714	-0.02443	0.10000	0.00000			
4454:	61	25	36	60	25	35	437216.31305	437216.30450	0.00856	0.10000	0.00000	437216.30450	0.00856	0.5000
4455:	61	25	37	60	25	36	437216.31305	437216.30449	0.00856	0.10000	0.00000	437216.30450	0.00856	0.5000
4456:	58	13	45	57	13	44	437278.68714	437278.69820	-0.01105	0.10000	0.00000			
4457:	60	18	43	59	18	42	437542.06676	437542.06479	0.00198	0.10000	0.00000			
4458:	65	9	57	64	9	56	437659.71478	437659.73200	-0.01722	0.10000	0.00000	437659.73996	-0.02518	0.2500
4459:	65	8	57	64	9	56	437659.71478	437659.71251	0.00227	0.10000	0.00000	437659.73996	-0.02518	0.2500
4460:	65	9	57	64	8	56	437659.71478	437659.76742	-0.05264	0.10000	0.00000	437659.73996	-0.02518	0.2500
4461:	65	8	57	64	8	56	437659.71478	437659.74792	-0.03314	0.10000	0.00000	437659.73996	-0.02518	0.2500
4462:	60	18	42	59	18	41	437673.63170	437673.64503	-0.01333	0.10000	0.00000			
4463:	64	9	55	63	9	54	437711.36678	437711.57635	-0.20958	0.10000	0.00000	437711.36899	-0.00221	0.5000
4464:	64	10	55	63	10	54	437711.36678	437711.16162	0.20516	0.10000	0.00000	437711.36899	-0.00221	0.5000
4465:	66	7	59	65	7	58	437733.55171	437733.68522	-0.13351	0.10000	0.00000	437733.68498	-0.13327	0.2500
4466:	66	8	59	65	7	58	437733.55171	437733.68577	-0.13406	0.10000	0.00000	437733.68498	-0.13327	0.2500
4467:	66	8	59	65	8	58	437733.55171	437733.68474	-0.13303	0.10000	0.00000	437733.68498	-0.13327	0.2500
4468:	66	7	59	65	8	58	437733.55171	437733.68419	-0.13248	0.10000	0.00000	437733.68498	-0.13327	0.2500
4469:	67	7	61	66	6	60	437887.71604	437887.74148	-0.02544	0.10000	0.00000	437887.74147	-0.02543	0.3333
4470:	67	6	61	66	6	60	437887.71604	437887.74147	-0.02543	0.10000	0.00000	437887.74147	-0.02543	0.3333
4471:	67	7	61	66	7	60	437887.71604	437887.74145	-0.02542	0.10000	0.00000	437887.74147	-0.02543	0.3333
4472:	61	24	38	60	24	37	437892.96542	437892.99246	-0.00705	0.10000	0.00000	437892.99251	-0.00709	0.5000

4473:	61	24	37	60	24	36	437892.98542	437892.99255	-0.00713	0.10000	0.00000	437892.99251	-0.00709	0.5000
4474:	63	11	53	62	11	52	437964.53884	437964.55582	-0.01697	0.10000	0.00000			
4475:	63	10	53	62	10	52	437972.88586	437972.90719	-0.02134	0.10000	0.00000			
4476:	68	6	63	67	5	62	438093.94608	438093.98058	-0.03451	0.10000	0.00000	438093.98058	-0.03451	0.2500
4477:	68	5	63	67	5	62	438093.94608	438093.98058	-0.03451	0.10000	0.00000	438093.98058	-0.03451	0.2500
4478:	68	5	63	67	6	62	438093.94608	438093.98058	-0.03450	0.10000	0.00000	438093.98058	-0.03451	0.2500
4479:	68	6	63	67	6	62	438093.94608	438093.98058	-0.03451	0.10000	0.00000	438093.98058	-0.03451	0.2500
4480:	69	4	65	68	4	64	438334.31861	438334.28817	0.03044	0.10000	0.00000	438334.28817	0.03044	0.2500
4481:	69	5	65	68	5	64	438334.31861	438334.28817	0.03044	0.10000	0.00000	438334.28817	0.03044	0.2500
4482:	69	5	65	68	4	64	438334.31861	438334.28817	0.03044	0.10000	0.00000	438334.28817	0.03044	0.2500
4483:	69	4	65	68	5	64	438334.31861	438334.28817	0.03044	0.10000	0.00000	438334.28817	0.03044	0.2500
4484:	62	12	51	61	12	50	438529.70472	438529.72030	-0.01558	0.10000	0.00000			
4485:	70	4	67	69	3	66	438596.41735	438596.44730	-0.02995	0.10000	0.00000	438596.44730	-0.02995	0.2500
4486:	70	4	67	69	4	66	438596.41735	438596.44730	-0.02995	0.10000	0.00000	438596.44730	-0.02995	0.2500
4487:	70	3	67	69	3	66	438596.41735	438596.44730	-0.02995	0.10000	0.00000	438596.44730	-0.02995	0.2500
4488:	70	3	67	69	4	66	438596.41735	438596.44730	-0.02995	0.10000	0.00000	438596.44730	-0.02995	0.2500
4489:	62	11	51	61	11	50	438656.21856	438656.16792	0.05064	0.10000	0.00000			
4490:	61	23	39	60	23	38	438670.47615	438670.46764	0.00851	0.10000	0.00000	438670.46836	0.00779	0.5000
4491:	61	23	38	60	23	37	438670.47615	438670.46907	0.00708	0.10000	0.00000	438670.46836	0.00779	0.5000
4492:	55	22	34	56	19	37	438871.94027	438871.92683	0.01344	0.10000	0.00000	438871.96494	-0.02467	0.2000
4493:	71	3	69	70	2	68	438871.94027	438871.97446	-0.03419	0.10000	0.00000	438871.96494	-0.02467	0.2000
4494:	71	3	69	70	3	68	438871.94027	438871.97446	-0.03419	0.10000	0.00000	438871.96494	-0.02467	0.2000
4495:	71	2	69	70	2	68	438871.94027	438871.97446	-0.03419	0.10000	0.00000	438871.96494	-0.02467	0.2000
4496:	71	2	69	70	3	68	438871.94027	438871.97446	-0.03419	0.10000	0.00000	438871.96494	-0.02467	0.2000
4497:	62	43	19	61	43	18	438957.06294	438957.08183	-0.01889	0.10000	0.00000	438957.08183	-0.01889	0.5000
4498:	62	43	20	61	43	19	438957.06294	438957.08183	-0.01889	0.10000	0.00000	438957.08183	-0.01889	0.5000
4499:	60	14	47	59	14	46	438974.20622	438974.13433	0.07190	0.10000	0.00000			
4500:	72	2	71	71	2	70	439154.84154	439154.84613	-0.00459	0.10000	0.00000	439154.84613	-0.00459	0.2500
4501:	72	1	71	71	2	70	439154.84154	439154.84613	-0.00459	0.10000	0.00000	439154.84613	-0.00459	0.2500
4502:	72	1	71	71	1	70	439154.84154	439154.84613	-0.00459	0.10000	0.00000	439154.84613	-0.00459	0.2500
4503:	72	2	71	71	1	70	439154.84154	439154.84613	-0.00459	0.10000	0.00000	439154.84613	-0.00459	0.2500
4504:	61	13	49	60	13	48	439320.11871	439320.13059	-0.01189	0.10000	0.00000			
4505:	73	0	73	72	0	72	439440.70324	439440.71146	-0.00822	0.10000	0.00000	439440.71146	-0.00822	0.2500
4506:	73	1	73	72	1	72	439440.70324	439440.71146	-0.00822	0.10000	0.00000	439440.71146	-0.00822	0.2500
4507:	73	1	73	72	0	72	439440.70324	439440.71146	-0.00822	0.10000	0.00000	439440.71146	-0.00822	0.2500
4508:	73	0	73	72	1	72	439440.70324	439440.71146	-0.00822	0.10000	0.00000	439440.71146	-0.00822	0.2500
4509:	62	40	23	61	40	22	439467.05244	439467.20066	-0.14822	0.10000	0.00000	439467.20066	-0.14822	0.5000
4510:	62	40	22	61	40	21	439467.05244	439467.20066	-0.14822	0.10000	0.00000	439467.20066	-0.14822	0.5000
4511:	61	22	40	60	22	39	439574.39460	439574.35453	0.04008	0.10000	0.00000	439574.36484	0.02977	0.5000
4512:	61	22	39	60	22	38	439574.39460	439574.37515	0.01945	0.10000	0.00000	439574.36484	0.02977	0.5000
4513:	62	39	24	61	39	23	439656.07763	439656.07165	0.00597	0.10000	0.00000	439656.07165	0.00597	0.5000
4514:	62	39	23	61	39	22	439656.07763	439656.07165	0.00597	0.10000	0.00000	439656.07165	0.00597	0.5000
4515:	60	17	44	59	17	43	439690.90703	439690.94490	-0.03787	0.10000	0.00000			
4516:	62	38	25	61	38	24	439856.28255	439856.27634	0.00621	0.10000	0.00000	439856.27634	0.00621	0.5000
4517:	62	38	24	61	38	23	439856.28255	439856.27634	0.00621	0.10000	0.00000	439856.27634	0.00621	0.5000
4518:	33	15	19	32	14	18	439882.96266	439882.95694	0.00572	0.10000	0.00000	439882.97588	-0.01323	0.5000
4519:	33	15	18	32	14	19	439882.96266	439882.99483	-0.03217	0.10000	0.00000	439882.97588	-0.01323	0.5000
4520:	62	37	26	61	37	25	440069.21330	440069.21573	-0.00244	0.10000	0.00000	440069.21573	-0.00244	0.5000
4521:	62	37	25	61	37	24	440069.21330	440069.21573	-0.00244	0.10000	0.00000	440069.21573	-0.00244	0.5000

4522:	80	3	78	80	2	79	440296.41370	440296.70087	-0.28717	0.10000	0.00000	440296.62090	-0.20720	0.2000
4523:	80	2	78	80	2	79	440296.41370	440296.70087	-0.28717	0.10000	0.00000	440296.62090	-0.20720	0.2000
4524:	80	2	78	80	1	79	440296.41370	440296.70087	-0.28717	0.10000	0.00000	440296.62090	-0.20720	0.2000
4525:	62	36	26	61	36	25	440296.41370	440296.50094	-0.08724	0.10000	0.00000	440296.62090	-0.20720	0.2000
4526:	62	36	27	61	36	26	440296.41370	440296.50094	-0.08724	0.10000	0.00000	440296.62090	-0.20720	0.2000
4527:	62	35	27	61	35	26	440540.00538	440539.99370	0.01168	0.10000	0.00000	440539.99370	0.01168	0.5000
4528:	62	35	28	61	35	27	440540.00538	440539.99370	0.01168	0.10000	0.00000	440539.99370	0.01168	0.5000
4529:	31	16	15	30	15	16	440580.34579	440580.35379	-0.00800	0.10000	0.00000	440580.35369	-0.00790	0.5000
4530:	31	16	16	30	15	15	440580.34579	440580.35359	-0.00780	0.10000	0.00000	440580.35369	-0.00790	0.5000
4531:	60	17	43	59	17	42	440586.48739	440586.49797	-0.01058	0.10000	0.00000			
4532:	61	21	41	60	21	40	440640.72744	440640.58939	0.13806	0.10000	0.00000	440640.72048	0.00696	0.5000
4533:	61	21	40	60	21	39	440640.72744	440640.85157	-0.12413	0.10000	0.00000	440640.72048	0.00696	0.5000
4534:	61	12	49	60	12	48	440663.09322	440663.12437	-0.03115	0.10000	0.00000			
4535:	62	34	29	61	34	28	440801.82953	440801.85670	-0.02718	0.10000	0.00000			
4536:	29	17	13	28	16	12	440998.24807	440998.18205	0.06602	0.10000	0.00000	440998.18205	0.06602	0.5000
4537:	29	17	12	28	16	13	440998.24807	440998.18205	0.06602	0.10000	0.00000	440998.18205	0.06602	0.5000
4538:	62	33	29	61	33	28	441084.58651	441084.61692	-0.03041	0.10000	0.00000	441084.61692	-0.03041	0.5000
4539:	62	33	30	61	33	29	441084.58651	441084.61692	-0.03041	0.10000	0.00000	441084.61692	-0.03041	0.5000
4540:	27	18	10	26	17	9	441266.63766	441266.62675	0.01091	0.10000	0.00000	441266.62675	0.01091	0.5000
4541:	27	18	9	26	17	10	441266.63766	441266.62675	0.01091	0.10000	0.00000	441266.62675	0.01091	0.5000
4542:	62	32	31	61	32	30	441391.28665	441391.24573	0.04092	0.10000	0.00000	441391.24573	0.04092	0.5000
4543:	62	32	30	61	32	29	441391.28665	441391.24573	0.04092	0.10000	0.00000	441391.24573	0.04092	0.5000
4544:	25	19	6	24	18	7	441456.46943	441456.45736	0.01207	0.10000	0.00000	441456.45736	0.01207	0.5000
4545:	25	19	7	24	18	6	441456.46943	441456.45736	0.01207	0.10000	0.00000	441456.45736	0.01207	0.5000
4546:	23	20	4	22	19	3	441607.17762	441607.15193	0.02568	0.10000	0.00000	441607.15193	0.02568	0.5000
4547:	23	20	3	22	19	4	441607.17762	441607.15193	0.02568	0.10000	0.00000	441607.15193	0.02568	0.5000
4548:	60	16	45	59	16	44	441633.20236	441633.20790	-0.00554	0.10000	0.00000			
4549:	62	31	31	61	31	30	441725.27506	441725.26194	0.01312	0.10000	0.00000	441725.26194	0.01312	0.5000
4550:	62	31	32	61	31	31	441725.27506	441725.26194	0.01312	0.10000	0.00000	441725.26194	0.01312	0.5000
4551:	21	21	0	20	20	1	441740.79574	441740.76692	0.02882	0.10000	0.00000	441740.76692	0.02882	0.5000
4552:	21	21	1	20	20	0	441740.79574	441740.76692	0.02882	0.10000	0.00000	441740.76692	0.02882	0.5000
4553:	60	15	46	59	15	45	441865.67284	441865.67095	0.00189	0.10000	0.00000			
4554:	61	20	42	60	20	41	441921.26044	441921.33706	-0.07663	0.10000	0.00000			
4555:	61	20	41	60	20	40	441924.22802	441924.24003	-0.01201	0.10000	0.00000			
4556:	58	14	44	57	14	43	441931.75873	441931.75614	0.00259	0.10000	0.00000			
4557:	62	30	33	61	30	32	442090.96530	442090.86571	0.09959	0.10000	0.00000	442090.86571	0.09959	0.5000
4558:	62	30	32	61	30	31	442090.96530	442090.86571	0.09959	0.10000	0.00000	442090.86571	0.09959	0.5000
4559:	59	13	46	58	13	45	442185.12869	442185.16896	-0.04026	0.10000	0.00000			
4560:	62	29	34	61	29	33	442493.15149	442493.11537	0.03611	0.10000	0.00000	442493.11537	0.03611	0.5000
4561:	62	29	33	61	29	32	442493.15149	442493.11537	0.03611	0.10000	0.00000	442493.11537	0.03611	0.5000
4562:	62	28	34	61	28	33	442938.16976	442938.16503	0.00473	0.10000	0.00000	442938.16503	0.00473	0.5000
4563:	62	28	35	61	28	34	442938.16976	442938.16503	0.00473	0.10000	0.00000	442938.16503	0.00473	0.5000
4564:	62	27	36	61	27	35	443433.61209	443433.59006	0.02203	0.10000	0.00000	443433.59006	0.02203	0.5000
4565:	62	27	35	61	27	34	443433.61209	443433.59006	0.02203	0.10000	0.00000	443433.59006	0.02203	0.5000
4566:	61	19	43	60	19	42	443491.27862	443491.30343	-0.02481	0.10000	0.00000			
4567:	61	19	42	60	19	41	443518.88847	443518.87424	0.01423	0.10000	0.00000			
4568:	66	8	58	65	8	57	443598.06219	443598.09180	-0.02961	0.10000	0.00000	443598.08740	-0.02521	0.2500
4569:	66	8	58	65	9	57	443598.06219	443598.07230	-0.01011	0.10000	0.00000	443598.08740	-0.02521	0.2500
4570:	66	9	58	65	8	57	443598.06219	443598.10249	-0.04030	0.10000	0.00000	443598.08740	-0.02521	0.2500

4571:	66	9	58	65	9	57	443598.06219	443598.08300	-0.02081	0.10000	0.00000	443598.08740	-0.02521	0.2500
4572:	65	9	56	64	9	55	443630.65889	443630.77631	-0.11742	0.10000	0.00000	443630.65796	0.00093	0.2500
4573:	65	10	56	64	9	55	443630.65889	443631.08368	-0.42479	0.10000	0.00000	443630.65796	0.00093	0.2500
4574:	65	9	56	64	10	55	443630.65889	443630.23225	0.42664	0.10000	0.00000	443630.65796	0.00093	0.2500
4575:	65	10	56	64	10	55	443630.65889	443630.53962	0.11927	0.10000	0.00000	443630.65796	0.00093	0.2500
4576:	67	8	60	66	7	59	443682.80164	443682.84007	-0.03843	0.10000	0.00000	443682.83965	-0.03801	0.2500
4577:	67	7	60	66	7	59	443682.80164	443682.83978	-0.03814	0.10000	0.00000	443682.83965	-0.03801	0.2500
4578:	67	7	60	66	8	59	443682.80164	443682.83922	-0.03759	0.10000	0.00000	443682.83965	-0.03801	0.2500
4579:	67	8	60	66	8	59	443682.80164	443682.83952	-0.03788	0.10000	0.00000	443682.83965	-0.03801	0.2500
4580:	68	7	62	67	6	61	443843.15586	443843.14589	0.00997	0.10000	0.00000	443843.18330	-0.02744	0.2000
4581:	68	6	62	67	6	61	443843.15586	443843.14588	0.00998	0.10000	0.00000	443843.18330	-0.02744	0.2000
4582:	64	10	54	63	11	53	443843.15586	443843.33299	-0.17712	0.10000	0.00000	443843.18330	-0.02744	0.2000
4583:	68	7	62	67	7	61	443843.15586	443843.14588	0.00999	0.10000	0.00000	443843.18330	-0.02744	0.2000
4584:	68	6	62	67	7	61	443843.15586	443843.14587	0.00999	0.10000	0.00000	443843.18330	-0.02744	0.2000
4585:	64	11	54	63	11	53	443850.26698	443850.29690	-0.02992	0.10000	0.00000			
4586:	64	10	54	63	10	53	443855.22823	443855.24638	-0.01815	0.10000	0.00000			
4587:	64	11	54	63	10	53	443862.15952	443862.21029	-0.05077	0.10000	0.00000			
4588:	62	26	37	61	26	36	443988.82139	443988.84365	-0.02226	0.10000	0.00000	443988.84365	-0.02226	0.5000
4589:	62	26	36	61	26	35	443988.82139	443988.84365	-0.02226	0.10000	0.00000	443988.84365	-0.02226	0.5000
4590:	69	5	64	68	5	63	444052.96571	444052.99800	-0.03229	0.10000	0.00000	444052.99800	-0.03229	0.2500
4591:	69	5	64	68	6	63	444052.96571	444052.99800	-0.03229	0.10000	0.00000	444052.99800	-0.03229	0.2500
4592:	69	6	64	68	5	63	444052.96571	444052.99800	-0.03229	0.10000	0.00000	444052.99800	-0.03229	0.2500
4593:	69	6	64	68	6	63	444052.96571	444052.99800	-0.03229	0.10000	0.00000	444052.99800	-0.03229	0.2500
4594:	70	5	66	69	5	65	444295.31963	444295.35594	-0.03631	0.10000	0.00000	444295.35594	-0.03631	0.3333
4595:	70	4	66	69	4	65	444295.31963	444295.35594	-0.03631	0.10000	0.00000	444295.35594	-0.03631	0.3333
4596:	70	4	66	69	5	65	444295.31963	444295.35594	-0.03631	0.10000	0.00000	444295.35594	-0.03631	0.3333
4597:	63	12	52	62	12	51	444365.62540	444365.62144	0.02396	0.10000	0.00000			
4598:	63	11	52	62	11	51	444444.22572	444444.21127	0.01445	0.10000	0.00000			
4599:	71	3	68	70	4	67	444558.59806	444558.63417	-0.03611	0.10000	0.00000	444558.63417	-0.03611	0.2500
4600:	71	4	68	70	3	67	444558.59806	444558.63417	-0.03611	0.10000	0.00000	444558.63417	-0.03611	0.2500
4601:	71	4	68	70	4	67	444558.59806	444558.63417	-0.03611	0.10000	0.00000	444558.63417	-0.03611	0.2500
4602:	71	3	68	70	3	67	444558.59806	444558.63417	-0.03611	0.10000	0.00000	444558.63417	-0.03611	0.2500
4603:	62	25	38	61	25	37	444615.94595	444615.91468	0.03127	0.10000	0.00000	444615.91469	0.03127	0.5000
4604:	62	25	37	61	25	36	444615.94595	444615.91469	0.03126	0.10000	0.00000	444615.91469	0.03127	0.5000
4605:	72	3	70	71	2	69	444834.69640	444834.73337	-0.03697	0.10000	0.00000	444834.73337	-0.03697	0.2500
4606:	72	3	70	71	3	69	444834.69640	444834.73337	-0.03697	0.10000	0.00000	444834.73337	-0.03697	0.2500
4607:	72	2	70	71	2	69	444834.69640	444834.73337	-0.03697	0.10000	0.00000	444834.73337	-0.03697	0.2500
4608:	72	2	70	71	3	69	444834.69640	444834.73337	-0.03697	0.10000	0.00000	444834.73337	-0.03697	0.2500
4609:	73	1	72	72	1	71	445117.82598	445117.86917	-0.04319	0.10000	0.00000	445117.86917	-0.04319	0.2500
4610:	73	1	72	72	2	71	445117.82598	445117.86917	-0.04319	0.10000	0.00000	445117.86917	-0.04319	0.2500
4611:	73	2	72	72	2	71	445117.82598	445117.86917	-0.04319	0.10000	0.00000	445117.86917	-0.04319	0.2500
4612:	73	2	72	72	1	71	445117.82598	445117.86917	-0.04319	0.10000	0.00000	445117.86917	-0.04319	0.2500
4613:	59	15	44	58	15	43	445130.67872	445130.67847	0.00025	0.10000	0.00000			
4614:	62	13	50	61	13	49	445177.15029	445177.13950	0.01079	0.10000	0.00000			
4615:	61	14	48	60	14	47	445279.22385	445279.23333	-0.00947	0.10000	0.00000			
4616:	62	24	39	61	24	38	445330.29109	445330.30728	-0.01618	0.10000	0.00000	445330.30737	-0.01628	0.5000
4617:	62	24	38	61	24	37	445330.29109	445330.30747	-0.01637	0.10000	0.00000	445330.30737	-0.01628	0.5000
4618:	74	0	74	73	1	73	445403.81104	445403.84150	-0.03046	0.10000	0.00000	445403.84150	-0.03046	0.5000
4619:	74	0	74	73	0	73	445403.81104	445403.84150	-0.03046	0.10000	0.00000	445403.84150	-0.03046	0.5000

4620:	61	18	44	60	18	43	445428.20626	445428.20608	0.00018	0.10000	0.00000	0.01707	0.5000
4621:	61	18	43	60	18	42	445647.61837	445647.45832	0.16006	0.10000	0.00000	0.01707	0.5000
4622:	62	12	50	61	12	49	446072.20814	446072.25144	-0.04330	0.10000	0.00000	0.00553	0.5000
4623:	60	16	44	59	16	43	446116.11224	446116.10503	0.00720	0.10000	0.00000	0.00553	0.5000
4624:	62	23	39	61	23	38	446152.57611	446152.56052	0.01558	0.10000	0.00000	0.00553	0.5000
4625:	62	23	40	61	23	39	446152.57611	446152.55755	0.01856	0.10000	0.00000	0.00553	0.5000
4626:	34	15	20	33	14	19	446741.10973	446741.05814	0.05159	0.10000	0.00000	0.00553	0.5000
4627:	34	15	19	33	14	20	446741.10973	446741.15026	-0.04053	0.10000	0.00000	0.00553	0.5000
4628:	60	13	47	59	13	46	446798.03728	446798.06254	-0.02526	0.10000	0.00000	0.00553	0.5000
4629:	63	39	24	62	39	23	446824.18293	446824.18764	-0.00471	0.10000	0.00000	0.00553	0.5000
4630:	63	39	25	62	39	24	446824.18293	446824.18764	-0.00471	0.10000	0.00000	0.00553	0.5000
4631:	63	38	26	62	38	25	447033.19149	447033.16025	0.03124	0.10000	0.00000	0.00553	0.5000
4632:	63	38	25	62	38	24	447033.19149	447033.16025	0.03124	0.10000	0.00000	0.00553	0.5000
4633:	62	22	41	61	22	40	447110.72440	447110.69061	0.03378	0.10000	0.00000	0.00553	0.5000
4634:	62	22	40	61	22	39	447110.72440	447110.73174	-0.00734	0.10000	0.00000	0.00553	0.5000
4635:	63	37	26	62	37	25	447255.56327	447255.55680	0.00646	0.10000	0.00000	0.00553	0.5000
4636:	63	37	27	62	37	26	447255.56327	447255.55680	0.00646	0.10000	0.00000	0.00553	0.5000
4637:	63	36	28	62	36	27	447493.09262	447493.07617	0.01645	0.10000	0.00000	0.00553	0.5000
4638:	63	36	27	62	36	26	447493.09262	447493.07617	0.01645	0.10000	0.00000	0.00553	0.5000
4639:	51	32	20	51	31	21	447515.13676	447515.21467	-0.07791	0.10000	0.00000	0.00553	0.5000
4640:	51	32	19	51	31	20	447515.13676	447515.21467	-0.07791	0.10000	0.00000	0.00553	0.5000
4641:	32	16	17	31	15	16	447534.94484	447534.86976	0.07508	0.10000	0.00000	0.00553	0.5000
4642:	44	28	16	45	26	19	447534.94484	447535.39482	-0.44998	0.10000	0.00000	0.00553	0.5000
4643:	44	28	17	45	26	20	447534.94484	447535.39482	-0.44998	0.10000	0.00000	0.00553	0.5000
4644:	32	16	16	31	15	17	447534.94484	447534.87032	0.07452	0.10000	0.00000	0.00553	0.5000
4645:	61	17	45	60	17	44	447642.20295	447642.18743	0.01552	0.10000	0.00000	0.00553	0.5000
4646:	63	35	28	62	35	27	447747.67433	447747.68278	-0.00845	0.10000	0.00000	0.00553	0.5000
4647:	63	35	29	62	35	28	447747.67433	447747.68278	-0.00845	0.10000	0.00000	0.00553	0.5000
4648:	30	17	14	29	16	13	448007.77013	448007.76291	0.00722	0.10000	0.00000	0.00553	0.5000
4649:	30	17	13	29	16	14	448007.77013	448007.76291	0.00721	0.10000	0.00000	0.00553	0.5000
4650:	63	34	29	62	34	28	448021.70069	448021.66044	0.04025	0.10000	0.00000	0.00553	0.5000
4651:	63	34	30	62	34	29	448021.70069	448021.66044	0.04025	0.10000	0.00000	0.00553	0.5000
4652:	62	21	41	61	21	40	448244.60871	448244.59633	-0.23771	0.10000	0.00000	0.00553	0.5000
4653:	62	21	42	61	21	41	448244.60871	448244.59633	0.26246	0.10000	0.00000	0.00553	0.5000
4654:	28	18	11	27	17	10	448307.62780	448307.61757	0.01023	0.10000	0.00000	0.00553	0.5000
4655:	28	18	10	27	17	11	448307.62780	448307.61757	0.01023	0.10000	0.00000	0.00553	0.5000
4656:	63	33	30	62	33	29	448317.70686	448317.68000	0.02686	0.10000	0.00000	0.00553	0.5000
4657:	63	33	31	62	33	30	448317.70686	448317.68000	0.02686	0.10000	0.00000	0.00553	0.5000
4658:	26	19	7	25	18	8	448514.82347	448514.73381	0.08966	0.10000	0.00000	0.00553	0.5000
4659:	26	19	8	25	18	7	448514.82347	448514.73381	0.08966	0.10000	0.00000	0.00553	0.5000
4660:	63	32	32	62	32	31	448638.93041	448638.88532	0.04509	0.10000	0.00000	0.00553	0.5000
4661:	63	32	31	62	32	30	448638.93041	448638.88532	0.04509	0.10000	0.00000	0.00553	0.5000
4662:	24	20	4	23	19	5	448674.13263	448674.13838	-0.00574	0.10000	0.00000	0.00553	0.5000
4663:	24	20	5	23	19	4	448674.13263	448674.13838	-0.00574	0.10000	0.00000	0.00553	0.5000
4664:	22	21	1	21	20	2	448811.30782	448811.27471	0.03311	0.10000	0.00000	0.00553	0.5000
4665:	22	21	2	21	20	1	448811.30782	448811.27471	0.03311	0.10000	0.00000	0.00553	0.5000
4666:	61	15	47	60	15	46	448936.27968	448936.27022	0.00946	0.10000	0.00000	0.00553	0.5000
4667:	63	31	33	62	31	32	448989.02189	448989.00408	0.01780	0.10000	0.00000	0.00553	0.5000
4668:	63	31	32	62	31	31	448989.02189	448989.00408	0.01780	0.10000	0.00000	0.00553	0.5000

4669:	61	17	44	60	17	43	449035.73130	449035.72846	0.00284	0.10000	0.00000	0.09594 0.5000
4670:	61	16	46	60	16	45	449365.99678	449365.99287	0.00391	0.10000	0.00000	0.09594 0.5000
4671:	63	30	34	62	30	33	449372.58817	449372.49223	0.09594	0.10000	0.00000	0.09594 0.5000
4672:	63	30	33	62	30	32	449372.58817	449372.49223	0.09594	0.10000	0.00000	0.09594 0.5000
4673:	67	9	59	66	8	58	449637.27661	449637.26886	0.00775	0.10000	0.00000	0.01602 0.2500
4674:	67	8	59	66	8	58	449637.27661	449637.26301	0.01360	0.10000	0.00000	0.01602 0.2500
4675:	67	8	59	66	9	58	449637.27661	449637.25232	0.02430	0.10000	0.00000	0.01602 0.2500
4676:	67	9	57	65	9	58	449637.27661	449637.25816	0.01845	0.10000	0.00000	0.01602 0.2500
4677:	66	9	57	65	9	56	449652.30147	449652.38635	-0.08488	0.10000	0.00000	-0.09770 0.3333
4678:	66	10	57	65	10	56	449652.30147	449652.25191	0.04957	0.10000	0.00000	-0.09770 0.3333
4679:	66	10	57	65	9	56	449652.30147	449652.55927	-0.25780	0.10000	0.00000	-0.09770 0.3333
4680:	66	9	57	65	9	56	449652.30178	449652.38635	-0.08458	0.10000	0.00000	-0.09770 0.3333
4681:	62	20	43	61	20	42	449611.31058	449611.29397	0.01661	0.10000	0.00000	
4682:	62	20	42	61	20	41	449616.59186	449616.58189	0.00997	0.10000	0.00000	
4683:	59	14	45	58	14	44	449628.95419	449628.98244	-0.02825	0.10000	0.00000	
4684:	68	7	61	67	8	60	449632.01287	449632.05716	-0.04428	0.10000	0.00000	-0.04436 0.5000
4685:	68	8	61	67	8	60	449632.01287	449632.05731	-0.04444	0.10000	0.00000	-0.04436 0.5000
4686:	65	10	55	64	11	54	449737.33926	449737.08405	0.25521	0.10000	0.00000	
4687:	65	11	55	64	11	54	449741.14117	449741.13286	0.00831	0.10000	0.00000	
4688:	65	10	55	64	10	54	449744.27292	449744.04797	0.22495	0.10000	0.00000	
4689:	63	29	35	62	29	34	449794.77104	449794.72551	0.04553	0.10000	0.00000	0.04553 0.5000
4690:	63	29	34	62	29	33	449794.77104	449794.72551	0.04553	0.10000	0.00000	0.04553 0.5000
4691:	69	7	63	68	7	62	449798.15109	449798.22225	-0.07116	0.10000	0.00000	-0.07116 0.2500
4692:	69	6	63	68	7	62	449798.15109	449798.22224	-0.07115	0.10000	0.00000	-0.07116 0.2500
4693:	69	7	63	68	6	62	449798.15109	449798.22225	-0.07116	0.10000	0.00000	-0.07116 0.2500
4694:	69	6	63	68	6	62	449798.15109	449798.22225	-0.07116	0.10000	0.00000	-0.07116 0.2500
4695:	70	5	65	69	5	64	450011.40511	450011.48495	-0.07984	0.10000	0.00000	-0.07984 0.3333
4696:	70	6	65	69	6	64	450011.40511	450011.48495	-0.07984	0.10000	0.00000	-0.07984 0.3333
4697:	70	6	65	69	5	64	450011.40511	450011.48495	-0.07984	0.10000	0.00000	-0.07984 0.3333
4698:	64	12	53	63	12	52	450207.41063	450207.34727	0.06336	0.10000	0.00000	-0.07984 0.3333
4699:	71	4	67	70	4	66	450255.77163	450255.79036	-0.01873	0.10000	0.00000	-0.01299 0.2000
4700:	64	11	53	63	11	52	450255.77163	450255.76167	0.00996	0.10000	0.00000	-0.01299 0.2000
4701:	71	4	67	70	5	66	450255.77163	450255.79036	-0.01873	0.10000	0.00000	-0.01299 0.2000
4702:	71	5	67	70	4	66	450255.77163	450255.79036	-0.01873	0.10000	0.00000	-0.01299 0.2000
4703:	71	5	67	70	5	66	450255.77163	450255.79036	-0.01873	0.10000	0.00000	-0.01299 0.2000
4704:	63	28	35	62	28	34	450262.19580	450262.25783	-0.06203	0.10000	0.00000	-0.06203 0.5000
4705:	63	28	36	62	28	35	450262.19580	450262.25783	-0.06203	0.10000	0.00000	-0.06203 0.5000
4706:	72	3	69	71	4	68	450520.10244	450520.13800	-0.03557	0.10000	0.00000	-0.03557 0.2500
4707:	72	4	69	71	3	68	450520.10244	450520.13800	-0.03557	0.10000	0.00000	-0.03557 0.2500
4708:	72	4	69	71	4	68	450520.10244	450520.13800	-0.03557	0.10000	0.00000	-0.03557 0.2500
4709:	72	3	69	71	3	68	450520.10244	450520.13800	-0.03557	0.10000	0.00000	-0.03557 0.2500
4710:	63	27	37	62	27	36	450783.50437	450783.17717	0.32720	0.10000	0.00000	0.32720 0.5000
4711:	63	27	36	62	27	35	450783.50437	450783.17717	0.32720	0.10000	0.00000	0.32720 0.5000
4712:	73	3	71	72	2	70	450796.78303	450796.78760	-0.00457	0.10000	0.00000	-0.00457 0.2500
4713:	73	3	71	72	3	70	450796.78303	450796.78760	-0.00457	0.10000	0.00000	-0.00457 0.2500
4714:	73	2	71	72	2	70	450796.78303	450796.78760	-0.00457	0.10000	0.00000	-0.00457 0.2500
4715:	73	2	71	72	3	70	450796.78303	450796.78760	-0.00457	0.10000	0.00000	-0.00457 0.2500
4716:	63	13	51	62	13	50	451007.80774	451007.56093	0.24681	0.10000	0.00000	-0.00457 0.2500
4717:	74	1	73	73	1	72	451080.12480	451080.17990	-0.05510	0.10000	0.00000	-0.05510 0.2500

4718:	74	1	73	73	2	72	451080.12480	451080.17990	-0.05510	0.10000	0.00000	451080.17990	-0.05510	0.2500
4719:	74	2	73	73	1	72	451080.12480	451080.17990	-0.05510	0.10000	0.00000	451080.17990	-0.05510	0.2500
4720:	74	2	73	73	2	72	451080.12480	451080.17990	-0.05510	0.10000	0.00000	451080.17990	-0.05510	0.2500
4721:	62	19	44	61	19	43	451291.77531	451291.76991	0.00540	0.10000	0.00000			
4722:	61	13	48	60	13	47	451329.45106	451329.41315	0.03791	0.10000	0.00000			
4723:	62	19	43	61	19	42	451339.57187	451339.55682	0.01505	0.10000	0.00000			
4724:	75	0	75	74	0	74	451366.08613	451366.25773	-0.17159	0.10000	0.00000	451366.25773	-0.17159	0.2500
4725:	75	1	75	74	1	74	451366.08613	451366.25773	-0.17159	0.10000	0.00000	451366.25773	-0.17159	0.2500
4726:	75	0	75	74	1	74	451366.08613	451366.25773	-0.17159	0.10000	0.00000	451366.25773	-0.17159	0.2500
4727:	75	1	75	74	0	74	451366.08613	451366.25773	-0.17159	0.10000	0.00000	451366.25773	-0.17159	0.2500
4728:	62	14	49	61	14	48	451443.02240	451442.96029	0.06212	0.10000	0.00000			
4729:	63	12	51	62	12	50	451594.86482	451594.93234	-0.06752	0.10000	0.00000			
4730:	63	25	39	62	25	38	452028.41686	452028.43881	-0.02195	0.10000	0.00000	452028.43882	-0.02196	0.5000
4731:	63	25	38	62	25	37	452028.41686	452028.43881	-0.02198	0.10000	0.00000	452028.43882	-0.02196	0.5000
4732:	63	24	39	62	24	38	452782.43691	452782.42033	0.01658	0.10000	0.00000	452782.42012	0.01678	0.5000
4733:	63	24	40	62	24	39	452782.43691	452782.41992	0.01699	0.10000	0.00000	452782.42012	0.01678	0.5000
4734:	62	18	45	61	18	44	453349.04926	453349.05364	-0.00438	0.10000	0.00000			
4735:	64	42	22	63	42	21	453412.42142	453412.22574	0.19567	0.10000	0.00000	453412.22574	0.19567	0.5000
4736:	64	42	23	63	42	22	453412.42142	453412.22574	0.19567	0.10000	0.00000	453412.22574	0.19567	0.5000
4737:	35	15	21	34	14	20	453567.76072	453567.70757	0.05315	0.10000	0.00000			
4738:	64	41	24	63	41	23	453596.26389	453596.39564	-0.13175	0.10000	0.00000	453596.39564	-0.13175	0.5000
4739:	64	41	23	63	41	22	453596.26389	453596.39564	-0.13175	0.10000	0.00000	453596.39564	-0.13175	0.5000
4740:	63	23	40	62	23	39	453651.91478	453651.88025	0.03453	0.10000	0.00000	453651.87721	0.03757	0.5000
4741:	63	23	41	62	23	40	453651.91478	453651.87416	0.04062	0.10000	0.00000	453651.87721	0.03757	0.5000
4742:	62	18	44	61	18	43	453708.19824	453708.17784	0.02039	0.10000	0.00000			
4743:	64	40	25	63	40	24	453790.58066	453790.60409	-0.02343	0.10000	0.00000	453790.60409	-0.02343	0.5000
4744:	64	40	24	63	40	23	453790.58066	453790.60409	-0.02343	0.10000	0.00000	453790.60409	-0.02343	0.5000
4745:	64	39	26	63	39	25	453996.03811	453996.04031	-0.00220	0.10000	0.00000	453996.04031	-0.00220	0.5000
4746:	64	39	25	63	39	24	453996.03811	453996.04031	-0.00220	0.10000	0.00000	453996.04031	-0.00220	0.5000
4747:	64	38	26	63	38	25	454214.06697	454214.06133	0.00563	0.10000	0.00000	454214.06133	0.00563	0.5000
4748:	64	38	27	63	38	26	454214.06697	454214.06133	0.00563	0.10000	0.00000	454214.06133	0.00563	0.5000
4749:	64	37	27	63	37	26	454446.21763	454446.22235	-0.00472	0.10000	0.00000	454446.22235	-0.00472	0.5000
4750:	64	37	28	63	37	27	454446.21763	454446.22235	-0.00472	0.10000	0.00000	454446.22235	-0.00472	0.5000
4751:	33	16	17	32	15	18	454470.19109	454470.12181	0.06928	0.10000	0.00000	454470.12104	0.07005	0.5000
4752:	33	16	18	32	15	17	454470.19109	454470.12027	0.07082	0.10000	0.00000	454470.12104	0.07005	0.5000
4753:	63	22	41	62	22	40	454667.56464	454667.58441	-0.01976	0.10000	0.00000	454667.54402	0.02063	0.5000
4754:	63	22	42	62	22	41	454667.56464	454667.50362	0.06102	0.10000	0.00000	454667.54402	0.02063	0.5000
4755:	60	15	45	59	15	44	454686.98201	454687.02724	-0.04524	0.10000	0.00000			
4756:	64	36	29	63	36	28	454694.31427	454694.31391	0.00036	0.10000	0.00000	454694.31391	0.00036	0.5000
4757:	64	36	28	63	36	27	454694.31427	454694.31391	0.00036	0.10000	0.00000	454694.31391	0.00036	0.5000
4758:	64	35	30	63	35	29	454960.72464	454960.40794	0.31670	0.10000	0.00000	454960.40794	0.31670	0.5000
4759:	64	35	29	63	35	28	454960.72464	454960.40794	0.31670	0.10000	0.00000	454960.40794	0.31670	0.5000
4760:	31	17	14	30	16	15	455005.40353	455005.30934	0.09419	0.10000	0.00000	455005.30934	0.09419	0.5000
4761:	31	17	15	30	16	14	455005.40353	455005.30934	0.09419	0.10000	0.00000	455005.30934	0.09419	0.5000
4762:	64	34	31	63	34	30	455246.97540	455246.91516	0.06025	0.10000	0.00000	455246.91516	0.06025	0.5000
4763:	64	34	30	63	34	29	455246.97540	455246.91516	0.06025	0.10000	0.00000	455246.91516	0.06025	0.5000
4764:	29	18	12	28	17	11	455341.14812	455341.15660	-0.00848	0.10000	0.00000	455341.15660	-0.00848	0.5000
4765:	29	18	11	28	17	12	455341.14812	455341.15660	-0.00848	0.10000	0.00000	455341.15660	-0.00848	0.5000
4766:	67	9	58	66	9	57	455475.93209	455476.07484	-0.14276	0.10000	0.00000	455475.99186	-0.05977	0.3333

4767:	67	9	58	66	10	57	455475.93209	455475.90192	0.03016	0.10000	0.00000	455475.99186	-0.05977	0.3333
4768:	67	10	58	66	10	57	455475.93209	455475.99882	-0.06673	0.10000	0.00000	455475.99186	-0.05977	0.3333
4769:	68	9	60	67	9	59	455477.17201	455477.11319	0.05882	0.10000	0.00000	455477.11452	0.05749	0.2500
4770:	68	9	60	67	8	59	455477.17201	455477.11904	0.05298	0.10000	0.00000	455477.11452	0.05749	0.2500
4771:	68	8	60	67	8	59	455477.17201	455477.11585	0.05616	0.10000	0.00000	455477.11452	0.05749	0.2500
4772:	68	8	60	67	9	59	455477.17201	455477.11000	0.06201	0.10000	0.00000	455477.11452	0.05749	0.2500
4773:	64	33	32	63	33	31	455556.68114	455556.65750	0.02364	0.10000	0.00000	455556.65750	0.02364	0.5000
4774:	64	33	31	63	33	30	455556.68114	455556.65750	0.02364	0.10000	0.00000	455556.65750	0.02364	0.5000
4775:	27	19	9	26	18	8	455568.58465	455568.55502	0.02963	0.10000	0.00000	455568.55502	0.02963	0.5000
4776:	27	19	8	26	18	9	455568.58465	455568.55502	0.02963	0.10000	0.00000	455568.55502	0.02963	0.5000
4777:	69	8	62	68	7	61	455581.23848	455581.26648	-0.02800	0.10000	0.00000	455581.26636	-0.02788	0.2500
4778:	69	8	62	68	8	61	455581.23848	455581.26632	-0.02785	0.10000	0.00000	455581.26636	-0.02788	0.2500
4779:	69	7	62	68	8	61	455581.23848	455581.26624	-0.02776	0.10000	0.00000	455581.26636	-0.02788	0.2500
4780:	69	7	62	68	7	61	455581.23848	455581.26640	-0.02792	0.10000	0.00000	455581.26636	-0.02788	0.2500
4781:	62	17	46	61	17	45	455584.99372	455584.96389	0.02983	0.10000	0.00000			
4782:	61	16	45	60	16	44	455610.61423	455610.54870	0.06553	0.10000	0.00000			
4783:	66	11	56	65	11	55	455636.51940	455636.56697	-0.04757	0.10000	0.00000			
4784:	66	10	56	65	10	55	455638.28040	455638.27384	0.00656	0.10000	0.00000			
4785:	66	11	56	65	10	55	455640.66712	455640.61578	0.05134	0.10000	0.00000			
4786:	25	20	5	24	19	6	455738.67853	455738.64966	0.02887	0.10000	0.00000	455738.64966	0.02887	0.5000
4787:	25	20	6	24	19	5	455738.67853	455738.64966	0.02887	0.10000	0.00000	455738.64966	0.02887	0.5000
4788:	70	6	64	69	7	63	455752.88494	455752.93227	-0.04733	0.10000	0.00000	455752.93228	-0.04734	0.2500
4789:	70	6	64	69	6	63	455752.88494	455752.93228	-0.04734	0.10000	0.00000	455752.93228	-0.04734	0.2500
4790:	70	7	64	69	7	63	455752.88494	455752.93228	-0.04733	0.10000	0.00000	455752.93228	-0.04734	0.2500
4791:	70	7	64	69	6	63	455752.88494	455752.93228	-0.04734	0.10000	0.00000	455752.93228	-0.04734	0.2500
4792:	62	15	48	61	15	47	455810.40980	455810.40419	0.00561	0.10000	0.00000			
4793:	63	21	42	62	21	41	455873.59879	455874.03819	-0.43940	0.10000	0.00000	455873.56811	0.03068	0.5000
4794:	63	21	43	62	21	42	455873.59879	455873.09804	0.50075	0.10000	0.00000	455873.56811	0.03068	0.5000
4795:	23	21	3	22	20	2	455880.60385	455880.60714	-0.00328	0.10000	0.00000	455880.60714	-0.00328	0.5000
4796:	23	21	2	22	20	3	455880.60385	455880.60714	-0.00328	0.10000	0.00000	455880.60714	-0.00328	0.5000
4797:	64	32	32	63	32	31	455893.00599	455892.96038	0.04561	0.10000	0.00000	455892.96038	0.04561	0.5000
4798:	64	32	33	63	32	32	455893.00599	455892.96038	0.04561	0.10000	0.00000	455892.96038	0.04561	0.5000
4799:	62	13	49	61	13	48	455942.26892	455942.26242	0.00650	0.10000	0.00000			
4800:	71	5	66	70	6	65	455969.41031	455969.41896	-0.00865	0.10000	0.00000	455969.41896	-0.00865	0.2500
4801:	71	6	66	70	5	65	455969.41031	455969.41896	-0.00865	0.10000	0.00000	455969.41896	-0.00865	0.2500
4802:	71	6	66	70	6	65	455969.41031	455969.41896	-0.00865	0.10000	0.00000	455969.41896	-0.00865	0.2500
4803:	71	5	66	70	5	65	455969.41031	455969.41896	-0.00865	0.10000	0.00000	455969.41896	-0.00865	0.2500
4804:	65	12	54	64	12	53	456055.72448	456055.77007	-0.04559	0.10000	0.00000			
4805:	65	11	54	64	11	53	456085.07449	456085.35233	-0.27784	0.10000	0.00000			
4806:	39	27	12	40	25	15	456215.54327	456215.16891	0.37436	0.10000	0.00000	456215.44055	0.10271	0.1667
4807:	39	27	13	40	25	16	456215.54327	456215.16891	0.37436	0.10000	0.00000	456215.44055	0.10271	0.1667
4808:	72	4	68	71	4	67	456215.54327	456215.57638	-0.03311	0.10000	0.00000	456215.44055	0.10271	0.1667
4809:	72	4	68	71	5	67	456215.54327	456215.57638	-0.03311	0.10000	0.00000	456215.44055	0.10271	0.1667
4810:	72	5	68	71	4	67	456215.54327	456215.57638	-0.03311	0.10000	0.00000	456215.44055	0.10271	0.1667
4811:	72	5	68	71	5	67	456215.54327	456215.57638	-0.03311	0.10000	0.00000	456215.44055	0.10271	0.1667
4812:	64	31	33	63	31	32	456259.79065	456259.77185	0.01880	0.10000	0.00000	456259.77185	0.01880	0.5000
4813:	64	31	34	63	31	33	456259.79065	456259.77185	0.01880	0.10000	0.00000	456259.77185	0.01880	0.5000
4814:	73	3	70	72	4	69	456480.89829	456480.94710	-0.04881	0.10000	0.00000	456480.94710	-0.04881	0.2500
4815:	73	4	70	72	3	69	456480.89829	456480.94710	-0.04881	0.10000	0.00000	456480.94710	-0.04881	0.2500

4816:	73	4	70	72	4	69	456480.89829	456480.94710	-0.04881	0.10000	0.00000	456480.94710	-0.04881	0.2500
4817:	73	3	70	72	3	69	456480.89829	456480.94710	-0.04881	0.10000	0.00000	456480.94710	-0.04881	0.2500
4818:	60	14	46	59	14	45	456544.25328	456544.33357	-0.08028	0.10000	0.00000			
4819:	64	30	34	63	30	33	456661.79280	456661.81856	-0.02576	0.10000	0.00000	456661.81856	-0.02576	0.5000
4820:	64	30	35	63	30	34	456661.79280	456661.81856	-0.02576	0.10000	0.00000	456661.81856	-0.02576	0.5000
4821:	74	2	72	73	3	71	456758.09417	456758.12685	-0.03267	0.10000	0.00000	456758.12685	-0.03267	0.5000
4822:	74	2	72	73	2	71	456758.09417	456758.12685	-0.03267	0.10000	0.00000	456758.12685	-0.03267	0.5000
4823:	64	13	52	63	13	51	456823.54620	456823.49419	0.05201	0.10000	0.00000			
4824:	62	16	47	61	16	46	456980.82788	456980.79938	0.02850	0.10000	0.00000			
4825:	75	1	74	74	1	73	457041.70766	457041.76852	-0.06086	0.10000	0.00000	457041.76852	-0.06086	0.2500
4826:	75	2	74	74	1	73	457041.70766	457041.76852	-0.06086	0.10000	0.00000	457041.76852	-0.06086	0.2500
4827:	75	2	74	74	2	73	457041.70766	457041.76852	-0.06086	0.10000	0.00000	457041.76852	-0.06086	0.2500
4828:	75	1	74	74	2	73	457041.70766	457041.76852	-0.06086	0.10000	0.00000	457041.76852	-0.06086	0.2500
4829:	64	29	36	63	29	35	457104.85988	457104.81332	0.04656	0.10000	0.00000	457104.81332	-0.06400	0.3333
4830:	50	18	33	50	16	34	457104.85988	457105.14501	-0.28513	0.10000	0.00000	457104.92388	-0.06400	0.3333
4831:	64	29	35	63	29	34	457104.85988	457104.81332	0.04656	0.10000	0.00000	457104.92388	-0.06400	0.3333
4832:	64	12	52	63	12	51	457203.87541	457203.75886	0.11655	0.10000	0.00000			
4833:	76	0	76	75	1	75	457327.91134	457327.95045	-0.03911	0.10000	0.00000	457327.95045	-0.03911	0.3333
4834:	76	1	76	75	1	75	457327.91134	457327.95045	-0.03911	0.10000	0.00000	457327.95045	-0.03911	0.3333
4835:	76	0	76	75	0	75	457327.91134	457327.95045	-0.03911	0.10000	0.00000	457327.95045	-0.03911	0.3333
4836:	63	20	44	62	20	43	457332.45410	457332.46920	-0.01510	0.10000	0.00000			
4837:	63	20	43	62	20	42	457342.00515	457341.95902	0.04613	0.10000	0.00000			
4838:	63	14	50	62	14	49	457490.36903	457490.36398	0.00505	0.10000	0.00000			
4839:	64	28	36	63	28	35	457595.82048	457595.73638	0.08411	0.10000	0.00000	457595.73638	0.08411	0.5000
4840:	64	28	37	63	28	36	457595.82048	457595.73638	0.08411	0.10000	0.00000	457595.73638	0.08411	0.5000
4841:	62	17	45	61	17	44	457704.56055	457704.56907	-0.00852	0.10000	0.00000			
4842:	64	27	38	63	27	37	458143.25479	458143.22496	0.02983	0.10000	0.00000	458143.22496	0.02983	0.5000
4843:	64	27	37	63	27	36	458143.25479	458143.22496	0.02983	0.10000	0.00000	458143.22496	0.02983	0.5000
4844:	38	14	25	37	13	24	458515.20364	458515.13604	0.06760	0.10000	0.00000			
4845:	64	26	38	63	26	37	458758.13513	458758.12637	0.00876	0.10000	0.00000	458758.12637	0.00876	0.5000
4846:	64	26	39	63	26	38	458758.13513	458758.12637	0.00876	0.10000	0.00000	458758.12637	0.00876	0.5000
4847:	64	13	51	63	14	50	458928.34146	458928.62920	-0.28774	0.10000	0.00000			
4848:	63	19	45	62	19	44	459129.67566	459129.66122	0.01444	0.10000	0.00000			
4849:	63	19	44	62	19	43	459211.18742	459211.20749	-0.02007	0.10000	0.00000			
4850:	64	25	39	63	25	38	459454.33830	459454.30723	0.03106	0.10000	0.00000	459454.30721	0.03109	0.5000
4851:	64	25	40	63	25	39	459454.33830	459454.30718	0.03112	0.10000	0.00000	459454.30721	0.03109	0.5000
4852:	64	24	40	63	24	39	460249.91397	460249.88088	0.03309	0.10000	0.00000	460249.88045	0.03352	0.5000
4853:	64	24	41	63	24	40	460249.91397	460249.88002	0.03395	0.10000	0.00000	460249.88045	0.03352	0.5000
4854:	63	13	50	62	13	49	460727.67428	460727.67181	0.00246	0.10000	0.00000			
4855:	65	40	25	64	40	24	460957.63878	460957.58676	0.05202	0.10000	0.00000	460957.58676	0.05202	0.5000
4856:	65	40	26	64	40	25	460957.63878	460957.58676	0.05202	0.10000	0.00000	460957.58676	0.05202	0.5000
4857:	46	13	34	46	9	37	461169.14300	461169.27273	-0.12973	0.10000	0.00000	461169.19116	-0.04816	0.3333
4858:	64	23	41	63	23	40	461169.14300	461169.15653	-0.01353	0.10000	0.00000	461169.19116	-0.04816	0.3333
4859:	64	23	42	63	23	41	461169.14300	461169.14422	-0.00122	0.10000	0.00000	461169.19116	-0.04816	0.3333
4860:	65	39	26	64	39	25	461171.94554	461171.69665	0.24889	0.10000	0.00000	461171.69665	0.24889	0.5000
4861:	65	39	27	64	39	26	461171.94554	461171.69665	0.24889	0.10000	0.00000	461171.69665	0.24889	0.5000
4862:	63	18	47	62	18	45	461299.74076	461299.68995	0.05081	0.10000	0.00000			
4863:	34	16	19	33	15	18	461384.02930	461384.07169	-0.04239	0.10000	0.00000	461384.07372	-0.04441	0.5000
4864:	34	16	18	33	15	19	461384.02930	461384.07574	-0.04644	0.10000	0.00000	461384.07372	-0.04441	0.5000

4865:	65	38	28	64	38	27	461398.82197	461399.05291	-0.23094	0.10000	0.00000	461399.05291	-0.23094	0.5000
4866:	65	38	27	64	38	26	461398.82197	461399.05291	-0.23094	0.10000	0.00000	461399.05291	-0.23094	0.5000
4867:	68	10	59	67	10	58	461401.50641	461401.51257	-0.00616	0.10000	0.00000	461401.53398	-0.02757	0.2500
4868:	68	10	59	67	9	58	461401.50641	461401.60946	-0.10306	0.10000	0.00000	461401.53398	-0.02757	0.2500
4869:	68	9	59	67	9	58	461401.50641	461401.55538	-0.04897	0.10000	0.00000	461401.53398	-0.02757	0.2500
4870:	68	9	59	67	10	58	461401.50641	461401.45849	0.04792	0.10000	0.00000	461401.53398	-0.02757	0.2500
4871:	69	9	61	68	8	60	461417.49813	461417.52155	-0.02342	0.10000	0.00000	461417.51910	-0.02096	0.2500
4872:	69	8	61	68	8	60	461417.49813	461417.51982	-0.02169	0.10000	0.00000	461417.51910	-0.02096	0.2500
4873:	69	8	61	68	9	60	461417.49813	461417.51664	-0.01850	0.10000	0.00000	461417.51910	-0.02096	0.2500
4874:	69	9	61	68	9	60	461417.49813	461417.51837	-0.02024	0.10000	0.00000	461417.51910	-0.02096	0.2500
4875:	70	7	63	69	8	62	461530.29174	461530.40085	-0.10911	0.10000	0.00000	461530.40091	-0.10917	0.2500
4876:	70	8	63	69	7	62	461530.29174	461530.40098	-0.10924	0.10000	0.00000	461530.40091	-0.10917	0.2500
4877:	70	7	63	69	7	62	461530.29174	461530.40093	-0.10919	0.10000	0.00000	461530.40091	-0.10917	0.2500
4878:	70	8	63	69	8	62	461530.29174	461530.40089	-0.10915	0.10000	0.00000	461530.40091	-0.10917	0.2500
4879:	65	37	29	64	37	28	461641.27148	461641.29291	-0.02143	0.10000	0.00000	461641.29291	-0.02143	0.5000
4880:	65	37	28	64	37	27	461641.27148	461641.29291	-0.02143	0.10000	0.00000	461641.29291	-0.02143	0.5000
4881:	71	6	65	70	7	64	461707.15740	461707.24028	-0.08289	0.10000	0.00000	461707.24028	-0.08289	0.2500
4882:	71	6	65	70	6	64	461707.15740	461707.24029	-0.08289	0.10000	0.00000	461707.24028	-0.08289	0.2500
4883:	71	7	65	70	6	64	461707.15740	461707.24029	-0.08289	0.10000	0.00000	461707.24028	-0.08289	0.2500
4884:	71	7	65	70	7	64	461707.15740	461707.24028	-0.08289	0.10000	0.00000	461707.24028	-0.08289	0.2500
4885:	63	18	45	62	18	44	461877.14573	461877.57647	-0.43074	0.10000	0.00000			
4886:	65	36	29	64	36	28	461900.29915	461900.30300	-0.00385	0.10000	0.00000	461900.30300	-0.00385	0.5000
4887:	65	36	30	64	36	29	461900.29915	461900.30300	-0.00385	0.10000	0.00000	461900.30300	-0.00385	0.5000
4888:	66	12	55	65	12	54	461911.10322	461911.11964	-0.01642	0.10000	0.00000			
4889:	72	6	67	71	6	66	461926.65057	461926.77862	-0.12805	0.10000	0.00000	461926.77862	-0.12805	0.2500
4890:	72	5	67	71	5	66	461926.65057	461926.77862	-0.12805	0.10000	0.00000	461926.77862	-0.12805	0.2500
4891:	72	6	67	71	5	66	461926.65057	461926.77862	-0.12805	0.10000	0.00000	461926.77862	-0.12805	0.2500
4892:	72	5	67	71	5	66	461926.65057	461926.77862	-0.12805	0.10000	0.00000			
4893:	66	11	55	65	11	54	461928.97119	461929.05832	-0.08713	0.10000	0.00000			
4894:	32	17	15	31	16	16	461989.47119	461989.46511	0.00609	0.10000	0.00000	461989.46510	0.00610	0.5000
4895:	32	17	16	31	16	15	461989.47119	461989.46509	0.00610	0.10000	0.00000	461989.46510	0.00610	0.5000
4896:	73	4	69	72	5	68	462174.66427	462174.69937	-0.03510	0.10000	0.00000	462174.69937	-0.03510	0.2500
4897:	73	5	69	72	5	68	462174.66427	462174.69937	-0.03510	0.10000	0.00000	462174.69937	-0.03510	0.2500
4898:	73	5	69	72	4	68	462174.66427	462174.69937	-0.03510	0.10000	0.00000	462174.69937	-0.03510	0.2500
4899:	73	4	69	72	4	68	462174.66427	462174.69937	-0.03510	0.10000	0.00000	462174.69937	-0.03510	0.2500
4900:	65	35	30	64	35	29	462178.33223	462178.26760	0.06462	0.10000	0.00000	462178.26760	0.06462	0.5000
4901:	65	35	31	64	35	30	462178.33223	462178.26760	0.06462	0.10000	0.00000	462178.26760	0.06462	0.5000
4902:	64	22	42	63	22	41	462245.89581	462245.95002	-0.05420	0.10000	0.00000			
4903:	30	18	12	29	17	13	462366.39380	462366.29287	0.10093	0.10000	0.00000	462366.29287	0.10093	0.5000
4904:	30	18	13	29	17	12	462366.39380	462366.29287	0.10093	0.10000	0.00000	462366.29287	0.10093	0.5000
4905:	74	4	71	73	3	70	462440.96061	462441.04995	-0.08933	0.10000	0.00000	462441.04995	-0.08933	0.3333
4906:	74	3	71	73	3	70	462440.96061	462441.04995	-0.08933	0.10000	0.00000	462441.04995	-0.08933	0.3333
4907:	74	3	71	73	4	70	462440.96061	462441.04995	-0.08933	0.10000	0.00000	462441.04995	-0.08933	0.3333
4908:	63	15	49	62	15	48	462488.43164	462488.49997	-0.06832	0.10000	0.00000			
4909:	28	19	10	27	18	9	462617.20954	462617.23781	-0.02827	0.10000	0.00000	462617.23781	-0.02827	0.5000
4910:	28	19	9	27	18	10	462617.20954	462617.23781	-0.02827	0.10000	0.00000	462617.23781	-0.02827	0.5000
4911:	65	13	53	64	13	52	462633.75473	462633.68164	0.07309	0.10000	0.00000			
4912:	61	14	47	60	14	46	462682.45876	462682.47438	-0.01562	0.10000	0.00000			
4913:	75	3	73	74	2	72	462718.71013	462718.74088	-0.03075	0.10000	0.00000	462718.74088	-0.03075	0.2500

4914:	75	2	73	74	3	72	462718.71013	462718.74088	-0.03075	0.10000	0.00000	462718.74088	-0.03075	0.2500
4915:	75	2	73	74	2	72	462718.71013	462718.74088	-0.03075	0.10000	0.00000	462718.74088	-0.03075	0.2500
4916:	75	3	73	74	3	72	462718.71013	462718.74088	-0.03075	0.10000	0.00000	462718.74088	-0.03075	0.2500
4917:	65	12	53	64	12	52	462876.99613	462876.95066	0.04547	0.10000	0.00000			
4918:	24	21	3	23	20	4	462948.45817	462948.40910	0.04907	0.10000	0.00000	462948.40910	0.04907	0.5000
4919:	24	21	4	23	20	3	462948.45817	462948.40910	0.04907	0.10000	0.00000	462948.40910	0.04907	0.5000
4920:	76	2	75	75	2	74	463002.57597	463002.62525	-0.04927	0.10000	0.00000	463002.62525	-0.04927	0.2500
4921:	76	2	75	75	1	74	463002.57597	463002.62525	-0.04927	0.10000	0.00000	463002.62525	-0.04927	0.2500
4922:	76	1	75	75	1	74	463002.57597	463002.62525	-0.04927	0.10000	0.00000	463002.62525	-0.04927	0.2500
4923:	76	1	75	75	2	74	463002.57597	463002.62525	-0.04927	0.10000	0.00000	463002.62525	-0.04927	0.2500
4924:	22	22	1	21	21	0	463080.70892	463080.96253	-0.25361	0.10000	0.00000	463080.96253	-0.25361	0.5000
4925:	22	22	0	21	21	1	463080.70892	463080.96253	-0.25361	0.10000	0.00000	463080.96253	-0.25361	0.5000
4926:	65	32	34	64	32	33	463153.64716	463153.60965	0.03751	0.10000	0.00000	463153.60965	0.03751	0.5000
4927:	65	32	33	64	32	32	463153.64716	463153.60965	0.03751	0.10000	0.00000	463153.60965	0.03751	0.5000
4928:	77	0	77	76	0	76	463288.89693	463288.90999	-0.01307	0.10000	0.00000	463288.90999	-0.01307	0.2500
4929:	77	1	77	76	0	76	463288.89693	463288.90999	-0.01307	0.10000	0.00000	463288.90999	-0.01307	0.2500
4930:	77	0	77	76	1	76	463288.89693	463288.90999	-0.01307	0.10000	0.00000	463288.90999	-0.01307	0.2500
4931:	77	1	77	76	1	76	463288.89693	463288.90999	-0.01307	0.10000	0.00000	463288.90999	-0.01307	0.2500
4932:	64	14	51	63	14	50	463446.72722	463446.77292	-0.04569	0.10000	0.00000			
4933:	63	17	47	62	17	46	463497.27378	463497.28035	-0.00657	0.10000	0.00000			
4934:	64	21	44	63	21	43	463527.99587	463528.25430	-0.25843	0.10000	0.00000			
4935:	64	21	43	63	21	42	463530.24300	463529.99598	0.24703	0.10000	0.00000			
4936:	65	31	34	64	31	33	463537.80936	463537.72319	0.08618	0.10000	0.00000	463537.72319	0.08618	0.5000
4937:	65	31	35	64	31	34	463537.80936	463537.72319	0.08618	0.10000	0.00000	463537.72319	0.08618	0.5000
4938:	61	15	46	60	15	45	463848.68773	463848.69040	-0.00268	0.10000	0.00000			
4939:	65	30	36	64	30	35	463959.02703	463959.02628	0.00076	0.10000	0.00000	463959.02628	0.00076	0.5000
4940:	65	30	35	64	30	34	463959.02703	463959.02628	0.00076	0.10000	0.00000	463959.02628	0.00076	0.5000
4941:	65	29	37	64	29	36	464423.56741	464423.58998	-0.02256	0.10000	0.00000			
4942:	63	16	48	62	16	47	464448.80010	464448.75865	0.04146	0.10000	0.00000			
4943:	65	28	37	64	28	36	464938.88278	464938.84961	0.03317	0.10000	0.00000	464938.84961	0.03317	0.5000
4944:	65	28	38	64	28	37	464938.88278	464938.84961	0.03317	0.10000	0.00000	464938.84961	0.03317	0.5000
4945:	64	20	45	63	20	44	465086.65154	465086.64154	0.01000	0.10000	0.00000			
4946:	64	20	44	63	20	43	465103.45878	465103.42245	0.03634	0.10000	0.00000			
4947:	62	16	46	61	16	45	465338.49328	465338.46576	0.02752	0.10000	0.00000			
4948:	65	27	38	64	27	37	465514.05749	465514.03165	0.02584	0.10000	0.00000	465514.03165	0.02584	0.5000
4949:	65	27	39	64	27	38	465514.05749	465514.03165	0.02584	0.10000	0.00000	465514.03165	0.02584	0.5000
4950:	64	13	51	63	13	50	465713.41280	465713.45850	-0.04570	0.10000	0.00000			
4951:	65	26	40	64	26	39	466160.72902	466160.76394	-0.03492	0.10000	0.00000	466160.76394	-0.03492	0.5000
4952:	65	26	39	64	26	38	466160.72902	466160.76395	-0.03493	0.10000	0.00000	466160.76394	-0.03492	0.5000
4953:	63	17	46	62	17	45	466640.44867	466640.13452	0.31415	0.10000	0.00000			
4954:	65	25	40	64	25	39	466894.06486	466893.97574	0.08912	0.10000	0.00000	466893.97569	0.08918	0.5000
4955:	65	25	41	64	25	40	466894.06486	466893.97563	0.08923	0.10000	0.00000	466893.97569	0.08918	0.5000
4956:	64	19	46	63	19	45	467005.49955	467005.47130	0.02825	0.10000	0.00000			
4957:	64	19	45	63	19	44	467142.35993	467142.45936	-0.09943	0.10000	0.00000			
4958:	69	9	60	68	9	59	467328.52723	467328.57809	-0.05086	0.10000	0.00000	467328.58012	-0.05289	0.3333
4959:	69	10	60	68	10	59	467328.52723	467328.60817	-0.08094	0.10000	0.00000	467328.58012	-0.05289	0.3333
4960:	69	10	60	68	10	59	467328.52723	467328.55409	-0.02686	0.10000	0.00000	467328.58012	-0.05289	0.3333
4961:	70	8	62	69	9	61	467358.32401	467358.35580	-0.03179	0.10000	0.00000	467358.35713	-0.03312	0.5000
4962:	70	9	62	69	8	61	467358.32401	467358.35847	-0.03446	0.10000	0.00000	467358.35713	-0.03312	0.5000

4963:	68	10	58	67	10	57	467439.57332	467439.88430	-0.31098	0.10000	0.00000	467439.59646	-0.02314	0.5000
4964:	68	11	58	67	11	57	467439.57332	467439.30862	0.26471	0.10000	0.00000	467439.59646	-0.02314	0.5000
4965:	71	8	64	70	8	63	467479.40997	467479.40080	0.00917	0.10000	0.00000	467479.40081	0.00916	0.2500
4966:	71	8	64	70	7	63	467479.40997	467479.40085	0.00912	0.10000	0.00000	467479.40081	0.00916	0.2500
4967:	71	7	64	70	7	63	467479.40997	467479.40082	0.00915	0.10000	0.00000	467479.40081	0.00916	0.2500
4968:	71	7	64	70	8	63	467479.40997	467479.40078	0.00919	0.10000	0.00000	467479.40081	0.00916	0.2500
4969:	72	6	66	71	6	65	467661.12504	467661.11291	0.01213	0.10000	0.00000	467661.11291	0.01213	0.2500
4970:	72	6	66	71	6	65	467661.12504	467661.11291	0.01213	0.10000	0.00000	467661.11291	0.01213	0.2500
4971:	72	6	66	71	7	65	467661.12504	467661.11291	0.01213	0.10000	0.00000	467661.11291	0.01213	0.2500
4972:	72	7	66	71	7	65	467661.12504	467661.11291	0.01213	0.10000	0.00000	467661.11291	0.01213	0.2500
4973:	65	24	42	64	24	41	467733.29248	467733.27489	0.01759	0.10000	0.00000	467733.27578	0.01670	0.5000
4974:	65	24	41	64	24	40	467733.29248	467733.27667	0.01581	0.10000	0.00000	467733.27578	0.01670	0.5000
4975:	67	12	56	66	12	55	467773.28392	467773.23136	0.05255	0.10000	0.00000	0.00000	0.00000	0.5000
4976:	49	30	19	50	28	22	467783.99915	467784.18612	-0.18697	0.10000	0.00000	467784.13494	-0.13578	0.3333
4977:	49	30	20	50	28	23	467783.99915	467784.18612	-0.18697	0.10000	0.00000	467784.13494	-0.13578	0.3333
4978:	67	11	56	66	11	55	467783.99915	467784.03257	-0.03341	0.10000	0.00000	467784.13494	-0.13578	0.3333
4979:	73	6	68	72	5	67	467883.52563	467883.54352	-0.01789	0.10000	0.00000	467883.54352	-0.01789	0.2500
4980:	73	6	68	72	6	67	467883.52563	467883.54352	-0.01789	0.10000	0.00000	467883.54352	-0.01789	0.2500
4981:	73	6	68	72	6	67	467883.52563	467883.54352	-0.01789	0.10000	0.00000	467883.54352	-0.01789	0.2500
4982:	73	5	68	72	5	67	467883.52563	467883.54352	-0.01789	0.10000	0.00000	467883.54352	-0.01789	0.2500
4983:	66	41	25	65	41	24	467917.27136	467917.55185	-0.28049	0.10000	0.00000	467917.55185	-0.28049	0.5000
4984:	66	41	26	65	41	25	467917.27136	467917.55185	-0.28049	0.10000	0.00000	467917.55185	-0.28049	0.5000
4985:	62	14	48	61	14	47	468119.73057	468119.75848	-0.02791	0.10000	0.00000	0.00000	0.00000	0.5000
4986:	66	40	26	65	40	25	468128.24496	468128.17256	0.07240	0.10000	0.00000	468128.17256	0.07240	0.5000
4987:	66	40	27	65	40	26	468128.24496	468128.17256	0.07240	0.10000	0.00000	468128.17256	0.07240	0.5000
4988:	74	4	70	73	4	69	468133.12411	468133.14511	-0.02100	0.10000	0.00000	468133.14511	-0.02100	0.3333
4989:	74	5	70	73	4	69	468133.12411	468133.14511	-0.02100	0.10000	0.00000	468133.14511	-0.02100	0.3333
4990:	74	5	70	73	5	69	468133.12411	468133.14511	-0.02100	0.10000	0.00000	468133.14511	-0.02100	0.3333
4991:	35	16	20	34	15	19	468274.53833	468274.52745	0.01088	0.10000	0.00000	0.00000	0.00000	0.5000
4992:	75	3	72	74	3	71	468400.38453	468400.43512	-0.05060	0.10000	0.00000	468400.43512	-0.05060	0.5000
4993:	75	3	72	74	4	71	468400.38453	468400.43512	-0.05060	0.10000	0.00000	468400.43512	-0.05060	0.5000
4994:	66	13	54	65	13	53	468444.17827	468444.08213	0.09614	0.10000	0.00000	0.00000	0.00000	0.5000
4995:	66	38	28	65	38	27	468588.32666	468588.20930	0.11736	0.10000	0.00000	468588.20930	0.11736	0.5000
4996:	66	38	29	65	38	28	468588.32666	468588.20930	0.11736	0.10000	0.00000	468588.20930	0.11736	0.5000
4997:	66	12	54	65	12	53	468598.06572	468598.05833	0.00739	0.10000	0.00000	0.00000	0.00000	0.5000
4998:	76	2	74	75	3	73	468678.45349	468678.61948	-0.16599	0.10000	0.00000	468678.61948	-0.16599	0.2500
4999:	76	2	74	75	2	73	468678.45349	468678.61948	-0.16599	0.10000	0.00000	468678.61948	-0.16599	0.2500
5000:	76	3	74	75	2	73	468678.45349	468678.61948	-0.16599	0.10000	0.00000	468678.61948	-0.16599	0.2500
5001:	76	3	74	75	3	73	468678.45349	468678.61948	-0.16599	0.10000	0.00000	468678.61948	-0.16599	0.2500
5002:	65	23	42	64	23	41	468705.19352	468705.17688	0.01665	0.10000	0.00000	468705.16463	0.02890	0.5000
5003:	65	23	43	64	23	42	468705.19352	468705.15238	0.04115	0.10000	0.00000	468705.16463	0.02890	0.5000
5004:	66	37	30	65	37	29	468840.77240	468840.85025	-0.07785	0.10000	0.00000	468840.85025	-0.07785	0.5000
5005:	66	37	29	65	37	28	468840.77240	468840.85025	-0.07785	0.10000	0.00000	468840.85025	-0.07785	0.5000
5006:	33	17	16	32	16	17	468958.79892	468958.78149	0.01743	0.10000	0.00000	468958.78146	0.01746	0.5000
5007:	33	17	17	32	16	16	468958.79892	468958.78144	0.01749	0.10000	0.00000	468958.78146	0.01746	0.5000
5008:	77	1	76	76	1	75	468962.70607	468962.74029	-0.03422	0.10000	0.00000	468962.74029	-0.03422	0.2500
5009:	77	2	76	76	1	75	468962.70607	468962.74029	-0.03422	0.10000	0.00000	468962.74029	-0.03422	0.2500
5010:	77	1	76	76	2	75	468962.70607	468962.74029	-0.03422	0.10000	0.00000	468962.74029	-0.03422	0.2500
5011:	77	2	76	76	2	75	468962.70607	468962.74029	-0.03422	0.10000	0.00000	468962.74029	-0.03422	0.2500

5012:	64	15	50	63	15	49	468979.69268	468979.69813	-0.00545	0.10000	0.00000	469111.13378	-0.06749	0.5000
5013:	66	36	30	65	36	29	469111.06629	469111.13378	-0.06749	0.10000	0.00000	469111.13378	-0.06749	0.5000
5014:	66	36	31	65	36	30	469111.06629	469111.13378	-0.06749	0.10000	0.00000	469111.13378	-0.06749	0.5000
5015:	78	1	78	77	0	77	469249.10190	469249.12667	-0.02477	0.10000	0.00000	469249.12667	-0.02477	0.2500
5016:	78	0	78	77	1	77	469249.10190	469249.12667	-0.02477	0.10000	0.00000	469249.12667	-0.02477	0.2500
5017:	78	1	78	77	1	77	469249.10190	469249.12667	-0.02477	0.10000	0.00000	469249.12667	-0.02477	0.2500
5018:	78	0	78	77	0	77	469249.10190	469249.12667	-0.02477	0.10000	0.00000	469249.12667	-0.02477	0.2500
5019:	64	18	47	63	18	46	469271.88111	469271.91541	-0.03431	0.10000	0.00000			
5020:	65	14	52	64	14	51	469336.11494	469335.83553	0.27941	0.10000	0.00000			
5021:	31	18	14	30	17	13	469382.09728	469382.01469	0.08259	0.10000	0.00000	469382.01469	0.08259	0.5000
5022:	31	18	13	30	17	14	469382.09728	469382.01469	0.08259	0.10000	0.00000	469382.01469	0.08259	0.5000
5023:	66	35	31	65	35	30	469401.48479	469401.36205	0.12274	0.10000	0.00000	469401.36205	0.12274	0.5000
5024:	66	35	32	65	35	31	469401.48479	469401.36205	0.12274	0.10000	0.00000	469401.36205	0.12274	0.5000
5025:	29	19	10	28	18	11	469659.99727	469660.05482	-0.05756	0.10000	0.00000			
5026:	66	34	32	65	34	31	469714.32928	469714.21838	0.11090	0.10000	0.00000			
5027:	65	22	43	64	22	42	469846.82853	469846.94923	-0.12069	0.10000	0.00000			
5028:	27	20	8	26	19	7	469858.25680	469858.23517	0.02163	0.10000	0.00000	469858.23517	0.02163	0.5000
5029:	27	20	7	26	19	8	469858.25680	469858.23517	0.02163	0.10000	0.00000	469858.23517	0.02163	0.5000
5030:	25	21	5	24	20	4	470014.17678	470014.29721	-0.12043	0.10000	0.00000	470014.29721	-0.12043	0.5000
5031:	25	21	4	24	20	5	470014.17678	470014.29721	-0.12043	0.10000	0.00000	470014.29721	-0.12043	0.5000
5032:	66	33	34	65	33	33	470052.75392	470052.85023	-0.09631	0.10000	0.00000	470052.85023	-0.09631	0.5000
5033:	66	33	33	65	33	32	470052.75392	470052.85023	-0.09631	0.10000	0.00000	470052.85023	-0.09631	0.5000
5034:	23	22	1	22	21	2	470149.98289	470150.12737	-0.14448	0.10000	0.00000	470150.12737	-0.14448	0.5000
5035:	23	22	2	22	21	1	470149.98289	470150.12737	-0.14448	0.10000	0.00000	470150.12737	-0.14448	0.5000
5036:	64	18	46	63	18	45	470184.51102	470184.68341	-0.17239	0.10000	0.00000			
5037:	66	32	34	65	32	33	470421.00337	470420.97550	0.02786	0.10000	0.00000	470420.97550	0.02786	0.5000
5038:	66	32	35	65	32	34	470421.00337	470420.97550	0.02786	0.10000	0.00000	470420.97550	0.02786	0.5000
5039:	66	31	36	65	31	35	470823.04904	470823.02068	0.02836	0.10000	0.00000	470823.02068	0.02836	0.5000
5040:	66	31	35	65	31	34	470823.04904	470823.02068	0.02836	0.10000	0.00000	470823.02068	0.02836	0.5000
5041:	65	13	52	64	13	51	470888.24473	470887.77201	0.47272	0.10000	0.00000			
5042:	65	21	45	64	21	44	471211.44814	471211.34263	0.10552	0.10000	0.00000			
5043:	65	21	44	64	21	43	471214.58479	471214.52325	0.06153	0.10000	0.00000			
5044:	66	30	36	65	30	35	471264.37692	471264.30294	0.07398	0.10000	0.00000	471264.30294	0.07398	0.5000
5045:	66	30	37	65	30	36	471264.37692	471264.30294	0.07398	0.10000	0.00000	471264.30294	0.07398	0.5000
5046:	64	17	48	63	17	47	471352.79142	471352.79695	-0.00553	0.10000	0.00000			
5047:	64	16	49	63	16	48	471745.16706	471745.19390	-0.02683	0.10000	0.00000			
5048:	66	29	38	65	29	37	471751.29298	471751.27446	0.01852	0.10000	0.00000	471751.27446	0.01852	0.5000
5049:	66	29	37	65	29	36	471751.29298	471751.27446	0.01852	0.10000	0.00000	471751.27446	0.01852	0.5000
5050:	66	28	39	65	28	38	472291.92294	472291.85685	0.06610	0.10000	0.00000	472291.85685	0.06610	0.5000
5051:	66	28	38	65	28	37	472291.92294	472291.85685	0.06610	0.10000	0.00000	472291.85685	0.06610	0.5000
5052:	62	15	47	61	15	46	472413.71509	472413.70044	0.01465	0.10000	0.00000			
5053:	65	20	46	64	20	45	472875.58244	472875.55692	0.02551	0.10000	0.00000			
5054:	66	27	39	65	27	38	472895.83318	472895.90959	-0.07641	0.10000	0.00000	472895.90959	-0.07641	0.5000
5055:	66	27	40	65	27	39	472895.83318	472895.90959	-0.07641	0.10000	0.00000	472895.90959	-0.07641	0.5000
5056:	76	21	55	76	19	58	472904.84997	472904.52018	0.32979	0.10000	0.00000			
5057:	63	14	49	62	14	48	473009.24894	473009.27180	-0.02285	0.10000	0.00000			
5058:	70	10	61	69	10	60	473256.90736	473256.90977	-0.00241	0.10000	0.00000	473256.92427	-0.01690	0.3333
5059:	70	9	61	69	9	60	473256.90736	473256.92318	-0.01582	0.10000	0.00000	473256.92427	-0.01690	0.3333
5060:	70	10	61	69	9	60	473256.90736	473256.93985	-0.03248	0.10000	0.00000	473256.92427	-0.01690	0.3333

5061:	71	8	63	70	9	62	473299.53908	473299.52199	0.01709	0.10000	0.00000	473299.52225	0.01684	0.5000
5062:	71	9	63	70	9	62	473299.53908	473299.52250	0.01658	0.10000	0.00000	473299.52225	0.01684	0.5000
5063:	69	10	59	68	11	58	473345.87376	473345.29356	0.58020	0.10000	0.00000	473345.90003	-0.02627	0.2500
5064:	69	11	59	68	11	58	473345.87376	473345.73413	0.13963	0.10000	0.00000	473345.90003	-0.02627	0.2500
5065:	69	10	59	68	10	58	473345.87376	473346.06593	-0.19217	0.10000	0.00000	473345.90003	-0.02627	0.2500
5066:	69	11	59	68	10	58	473345.87376	473346.50650	-0.63274	0.10000	0.00000	473345.90003	-0.02627	0.2500
5067:	72	8	65	71	8	64	473428.17730	473428.21062	-0.03332	0.10000	0.00000	473428.21062	-0.03332	0.3333
5068:	72	7	65	71	7	64	473428.17730	473428.21063	-0.03334	0.10000	0.00000	473428.21062	-0.03332	0.3333
5069:	72	7	65	71	8	64	473428.17730	473428.21061	-0.03331	0.10000	0.00000	473428.21062	-0.03332	0.3333
5070:	66	26	40	65	26	39	473576.12437	473575.90442	0.21995	0.10000	0.00000	473575.90442	0.21996	0.5000
5071:	66	26	41	65	26	40	473576.12437	473575.90441	0.21997	0.10000	0.00000	473575.90442	0.21996	0.5000
5072:	73	6	67	72	6	66	473614.51963	473614.51886	0.00077	0.10000	0.00000	473614.51886	0.00077	0.2500
5073:	73	6	67	72	7	66	473614.51963	473614.51886	0.00077	0.10000	0.00000	473614.51886	0.00077	0.2500
5074:	73	6	67	72	6	66	473614.51963	473614.51886	0.00077	0.10000	0.00000	473614.51886	0.00077	0.2500
5075:	73	7	67	72	7	66	473614.51963	473614.51886	0.00077	0.10000	0.00000	473614.51886	0.00077	0.2500
5076:	68	12	57	67	12	56	473641.81425	473641.71697	0.09727	0.10000	0.00000			
5077:	68	11	57	67	11	56	473648.17280	473648.17754	-0.00473	0.10000	0.00000			
5078:	38	15	24	37	14	23	473823.04779	473823.01136	0.03643	0.10000	0.00000			
5079:	38	15	23	37	14	24	473825.79118	473825.38421	0.40697	0.10000	0.00000			
5080:	74	6	69	73	6	68	473839.64157	473839.69412	-0.05255	0.10000	0.00000	473839.69412	-0.05255	0.3333
5081:	74	5	69	73	5	68	473839.64157	473839.69412	-0.05255	0.10000	0.00000	473839.69412	-0.05255	0.3333
5082:	74	5	69	73	6	68	473839.64157	473839.69412	-0.05255	0.10000	0.00000	473839.69412	-0.05255	0.3333
5083:	75	5	71	74	4	70	474090.77496	474090.89970	-0.12473	0.10000	0.00000	474090.89970	-0.12473	0.2500
5084:	75	5	71	74	5	70	474090.77496	474090.89970	-0.12473	0.10000	0.00000	474090.89970	-0.12473	0.2500
5085:	75	4	71	74	4	70	474090.77496	474090.89970	-0.12473	0.10000	0.00000	474090.89970	-0.12473	0.2500
5086:	75	4	71	74	5	70	474090.77496	474090.89970	-0.12473	0.10000	0.00000	474090.89970	-0.12473	0.2500
5087:	67	13	55	66	13	54	474258.47973	474258.49100	-0.01127	0.10000	0.00000			
5088:	66	25	41	65	25	40	474347.95877	474347.92839	0.03038	0.10000	0.00000	474347.92827	0.03050	0.5000
5089:	66	25	42	65	25	41	474347.95877	474347.92815	0.03063	0.10000	0.00000	474347.92827	0.03050	0.5000
5090:	67	12	55	66	12	54	474355.11789	474355.01104	0.10685	0.10000	0.00000			
5091:	76	3	73	75	3	72	474359.06160	474359.09136	-0.02976	0.10000	0.00000	474359.09136	-0.02976	0.2500
5092:	76	3	73	75	4	72	474359.06160	474359.09136	-0.02976	0.10000	0.00000	474359.09136	-0.02976	0.2500
5093:	76	4	73	75	3	72	474359.06160	474359.09136	-0.02976	0.10000	0.00000	474359.09136	-0.02976	0.2500
5094:	76	4	73	75	4	72	474359.06160	474359.09136	-0.02976	0.10000	0.00000	474359.09136	-0.02976	0.2500
5095:	67	44	24	66	44	23	474490.98534	474491.01717	-0.03183	0.10000	0.00000	474491.01717	-0.03183	0.5000
5096:	67	44	23	66	44	22	474490.98534	474491.01717	-0.03183	0.10000	0.00000	474491.01717	-0.03183	0.5000
5097:	77	2	75	76	3	74	474637.65601	474637.75247	-0.09646	0.10000	0.00000	474637.75247	-0.09646	0.2500
5098:	77	3	75	76	2	74	474637.65601	474637.75247	-0.09646	0.10000	0.00000	474637.75247	-0.09646	0.2500
5099:	77	3	75	76	3	74	474637.65601	474637.75247	-0.09646	0.10000	0.00000	474637.75247	-0.09646	0.2500
5100:	77	2	75	76	2	74	474637.65601	474637.75247	-0.09646	0.10000	0.00000	474637.75247	-0.09646	0.2500
5101:	65	19	47	64	19	46	474918.51511	474918.54999	-0.03487	0.10000	0.00000			
5102:	78	1	77	77	2	76	474922.07387	474922.10385	-0.02998	0.10000	0.00000	474922.10385	-0.02998	0.2500
5103:	78	2	77	77	1	76	474922.07387	474922.10385	-0.02998	0.10000	0.00000	474922.10385	-0.02998	0.2500
5104:	78	2	77	77	2	76	474922.07387	474922.10385	-0.02998	0.10000	0.00000	474922.10385	-0.02998	0.2500
5105:	78	1	77	77	1	76	474922.07387	474922.10385	-0.02998	0.10000	0.00000	474922.10385	-0.02998	0.2500
5106:	67	41	27	66	41	26	475083.07829	475083.22271	-0.14441	0.10000	0.00000	475083.22271	-0.14441	0.5000
5107:	67	41	26	66	41	25	475083.07829	475083.22271	-0.14441	0.10000	0.00000	475083.22271	-0.14441	0.5000
5108:	36	16	20	35	15	21	475139.15593	475139.13309	0.02284	0.10000	0.00000	475139.12044	0.03549	0.5000
5109:	36	16	21	35	15	20	475139.15593	475139.10779	0.04814	0.10000	0.00000	475139.12044	0.03549	0.5000

5110:	43	13	30	42	12	31	475145.08149	475145.32410	-0.24261	0.10000	0.00000	475145.18043	-0.09894	0.5000
5111:	65	19	46	64	19	45	475145.08149	475145.03675	0.04474	0.10000	0.00000	475145.18043	-0.09894	0.5000
5112:	63	16	47	62	14	46	475152.55741	475152.42196	0.13545	0.10000	0.00000			
5113:	66	14	53	65	14	52	475178.10644	475178.17487	-0.06844	0.10000	0.00000			
5114:	79	0	79	78	0	78	475208.55429	475208.59079	-0.03650	0.10000	0.00000	475208.59079	-0.03650	0.5000
5115:	79	1	79	78	1	78	475208.55429	475208.59079	-0.03650	0.10000	0.00000	475208.59079	-0.03650	0.5000
5116:	66	24	43	65	24	42	475233.27186	475233.23380	0.03807	0.10000	0.00000	475233.23561	0.03625	0.5000
5117:	66	24	42	65	24	41	475233.27186	475233.23743	0.03443	0.10000	0.00000	475233.23561	0.03625	0.5000
5118:	65	15	51	64	15	50	475300.48764	475300.58733	-0.09970	0.10000	0.00000			
5119:	67	40	27	66	40	26	475302.73729	475302.42424	0.31305	0.10000	0.00000	475302.42424	0.31305	0.5000
5120:	67	40	28	66	40	27	475302.73729	475302.42424	0.31305	0.10000	0.00000	475302.42424	0.31305	0.5000
5121:	67	39	28	66	39	27	475534.61322	475534.69236	-0.07914	0.10000	0.00000	475534.69236	-0.07914	0.5000
5122:	67	39	29	66	39	28	475534.61322	475534.69236	-0.07914	0.10000	0.00000	475534.69236	-0.07914	0.5000
5123:	67	38	30	66	38	29	475781.63556	475781.60589	0.02967	0.10000	0.00000	475781.60589	0.02967	0.5000
5124:	67	38	29	66	38	28	475781.63556	475781.60589	0.02967	0.10000	0.00000	475781.60589	0.02967	0.5000
5125:	64	17	47	63	17	46	475879.24025	475879.22371	0.01654	0.10000	0.00000			
5126:	34	17	17	33	16	18	475911.67727	475911.70960	-0.03234	0.10000	0.00000	475911.70953	-0.03226	0.5000
5127:	34	17	18	33	16	17	475911.67727	475911.70945	-0.03219	0.10000	0.00000	475911.70953	-0.03226	0.5000
5128:	67	37	30	66	37	29	476044.92046	476044.97745	-0.05699	0.10000	0.00000	476044.97745	-0.05699	0.5000
5129:	67	37	31	66	37	30	476044.92046	476044.97745	-0.05699	0.10000	0.00000	476044.97745	-0.05699	0.5000
5130:	66	13	53	65	13	52	476221.14100	476221.15997	-0.01897	0.10000	0.00000			
5131:	66	23	44	65	23	43	476260.80818	476260.74810	0.06007	0.10000	0.00000	476260.77214	0.03604	0.5000
5132:	66	23	43	65	23	42	476260.80818	476260.79618	0.01200	0.10000	0.00000	476260.77214	0.03604	0.5000
5133:	67	36	32	66	36	31	476326.95188	476326.89819	0.05369	0.10000	0.00000	476326.89819	0.05369	0.5000
5134:	67	36	31	66	36	30	476326.95188	476326.89819	0.05369	0.10000	0.00000	476326.89819	0.05369	0.5000
5135:	32	18	15	31	17	14	476387.23437	476387.24627	-0.01190	0.10000	0.00000	476387.24627	-0.01190	0.5000
5136:	32	18	14	31	17	15	476387.23437	476387.24627	-0.01190	0.10000	0.00000	476387.24627	-0.01190	0.5000
5137:	67	35	32	66	35	31	476629.82478	476629.79355	0.03123	0.10000	0.00000	476629.79355	0.03123	0.5000
5138:	67	35	33	66	35	32	476629.82478	476629.79355	0.03123	0.10000	0.00000	476629.79355	0.03123	0.5000
5139:	30	19	11	29	18	12	476696.24739	476696.23294	0.01444	0.10000	0.00000	476696.23294	0.01444	0.5000
5140:	30	19	12	29	18	11	476696.24739	476696.23294	0.01444	0.10000	0.00000	476696.23294	0.01444	0.5000
5141:	28	20	9	27	19	8	476912.22468	476912.21654	0.00814	0.10000	0.00000	476912.21654	0.00814	0.5000
5142:	28	20	8	27	19	9	476912.22468	476912.21654	0.00814	0.10000	0.00000	476912.21654	0.00814	0.5000
5143:	67	34	33	66	34	32	476956.41430	476956.49325	-0.07895	0.10000	0.00000	476956.49325	-0.07895	0.5000
5144:	67	34	34	66	34	33	476956.41430	476956.49325	-0.07895	0.10000	0.00000	476956.49325	-0.07895	0.5000
5145:	26	21	6	25	20	5	477077.85077	477077.85938	-0.00862	0.10000	0.00000	477077.85938	-0.00862	0.5000
5146:	26	21	5	25	20	6	477077.85077	477077.85938	-0.00862	0.10000	0.00000	477077.85938	-0.00862	0.5000
5147:	24	22	3	23	21	2	477218.13635	477218.12783	0.00852	0.10000	0.00000	477218.12783	0.00852	0.5000
5148:	24	22	2	23	21	3	477218.13635	477218.12783	0.00852	0.10000	0.00000	477218.12783	0.00852	0.5000
5149:	65	18	48	64	18	47	477253.48800	477253.47681	0.01119	0.10000	0.00000			
5150:	67	33	35	66	33	34	477310.35687	477310.32009	0.03679	0.10000	0.00000	477310.32009	0.03679	0.5000
5151:	67	33	34	66	33	33	477310.35687	477310.32009	0.03679	0.10000	0.00000	477310.32009	0.03679	0.5000
5152:	66	22	45	65	22	44	477471.35895	477471.26500	0.09395	0.10000	0.00000	477471.54568	-0.18673	0.5000
5153:	66	22	44	65	22	43	477471.35895	477471.82637	-0.46742	0.10000	0.00000	477471.54568	-0.18673	0.5000
5154:	64	14	50	63	14	49	477562.29923	477562.29529	0.00393	0.10000	0.00000			
5155:	67	32	36	66	32	35	477695.33079	477695.20420	0.12659	0.10000	0.00000	477695.20420	0.12659	0.5000
5156:	67	32	35	66	32	34	477695.33079	477695.20420	0.12659	0.10000	0.00000	477695.20420	0.12659	0.5000
5157:	41	14	27	40	13	28	477902.37244	477902.29122	0.08122	0.10000	0.00000			
5158:	67	31	36	66	31	35	478115.79761	478115.83188	-0.03427	0.10000	0.00000	478115.83188	-0.03427	0.5000

5159:	67	31	37	66	31	36	478115.79761	478115.83188	-0.03427	0.10000	0.00000	478115.83188	-0.03427	0.5000
5160:	67	30	37	66	30	36	478577.88893	478577.84252	0.04641	0.10000	0.00000	478577.84252	0.04641	0.5000
5161:	67	30	38	66	30	37	478577.88893	478577.84252	0.04641	0.10000	0.00000	478577.84252	0.04641	0.5000
5162:	65	18	47	64	18	46	478666.81691	478666.80502	0.01189	0.10000	0.00000			
5163:	65	16	50	64	16	49	478851.81268	478851.96236	-0.14968	0.10000	0.00000			
5164:	66	21	46	65	21	45	478923.94311	478924.00266	-0.05954	0.10000	0.00000			
5165:	66	21	45	65	21	44	478929.72682	478929.72941	-0.00259	0.10000	0.00000			
5166:	67	29	39	66	29	38	479088.14044	479088.09416	0.04628	0.10000	0.00000	479088.09416	0.04628	0.5000
5167:	67	29	38	66	29	37	479088.14044	479088.09416	0.04628	0.10000	0.00000	479088.09416	0.04628	0.5000
5168:	65	17	49	64	17	48	479122.02955	479122.04804	-0.01850	0.10000	0.00000			
5169:	71	9	62	70	9	61	479186.37360	479186.39594	-0.02234	0.10000	0.00000	479186.39221	-0.01861	0.2500
5170:	71	10	62	70	9	61	479186.37360	479186.40515	-0.03155	0.10000	0.00000	479186.39221	-0.01861	0.2500
5171:	71	9	62	70	10	61	479186.37360	479186.37927	-0.00567	0.10000	0.00000	479186.39221	-0.01861	0.2500
5172:	71	10	62	70	10	61	479186.37360	479186.38848	-0.01488	0.10000	0.00000	479186.39221	-0.01861	0.2500
5173:	72	8	64	71	8	63	479240.81529	479240.91986	-0.10456	0.10000	0.00000	479240.91987	-0.10458	0.3333
5174:	72	9	64	71	8	63	479240.81529	479240.92013	-0.10484	0.10000	0.00000	479240.91987	-0.10458	0.3333
5175:	72	9	64	71	9	63	479240.81529	479240.91962	-0.10433	0.10000	0.00000	479240.91987	-0.10458	0.3333
5176:	70	11	60	69	11	59	479255.01501	479255.00482	0.01019	0.10000	0.00000	479255.09999	-0.08497	0.2500
5177:	70	10	60	69	10	59	479255.01501	479255.19515	-0.18014	0.10000	0.00000	479255.09999	-0.08497	0.2500
5178:	70	11	60	69	10	59	479255.01501	479255.44540	-0.43039	0.10000	0.00000	479255.09999	-0.08497	0.2500
5179:	70	10	60	69	11	59	479255.01501	479254.75457	0.26044	0.10000	0.00000	479255.09999	-0.08497	0.2500
5180:	73	7	66	72	8	65	479376.74377	479376.77916	-0.03539	0.10000	0.00000	479376.77917	-0.03540	0.2500
5181:	73	8	66	72	7	65	479376.74377	479376.77918	-0.03541	0.10000	0.00000	479376.77917	-0.03540	0.2500
5182:	73	8	66	72	8	65	479376.74377	479376.77917	-0.03540	0.10000	0.00000	479376.77917	-0.03540	0.2500
5183:	73	7	66	72	7	65	479376.74377	479376.77917	-0.03540	0.10000	0.00000	479376.77917	-0.03540	0.2500
5184:	69	12	58	68	12	57	479516.06734	479516.07714	-0.00980	0.10000	0.00000			
5185:	69	11	58	68	11	57	479519.94649	479519.91737	0.02913	0.10000	0.00000			
5186:	74	6	68	73	7	67	479567.39254	479567.42870	0.03616	0.10000	0.00000	479567.42870	-0.03616	0.3333
5187:	74	7	68	73	7	67	479567.39254	479567.42870	-0.03616	0.10000	0.00000	479567.42870	-0.03616	0.3333
5188:	74	6	68	73	6	67	479567.39254	479567.42870	-0.03616	0.10000	0.00000	479567.42870	-0.03616	0.3333
5189:	67	28	39	66	28	38	479655.05688	479655.02864	0.02824	0.10000	0.00000	479655.02864	0.02824	0.5000
5190:	67	28	40	66	28	39	479655.05688	479655.02864	0.02824	0.10000	0.00000	479655.02864	0.02824	0.5000
5191:	75	6	70	74	5	69	479795.18597	479795.21166	-0.02569	0.10000	0.00000	479795.21166	-0.02569	0.2500
5192:	75	6	70	74	6	69	479795.18597	479795.21166	-0.02569	0.10000	0.00000	479795.21166	-0.02569	0.2500
5193:	75	5	70	74	5	69	479795.18597	479795.21166	-0.02569	0.10000	0.00000	479795.21166	-0.02569	0.2500
5194:	75	5	70	74	6	69	479795.18597	479795.21166	-0.02569	0.10000	0.00000	479795.21166	-0.02569	0.2500
5195:	68	12	56	67	13	55	479985.60072	479985.39329	0.20744	0.10000	0.00000			
5196:	76	4	72	75	4	71	480047.95309	480047.94956	0.00353	0.10000	0.00000	480047.94956	0.00353	0.2500
5197:	76	4	72	75	5	71	480047.95309	480047.94956	0.00353	0.10000	0.00000	480047.94956	0.00353	0.2500
5198:	76	5	72	75	5	71	480047.95309	480047.94956	0.00353	0.10000	0.00000	480047.94956	0.00353	0.2500
5199:	76	5	72	75	4	71	480047.95309	480047.94956	0.00353	0.10000	0.00000	480047.94956	0.00353	0.2500
5200:	68	13	56	67	13	55	480079.10074	480079.11308	-0.01235	0.10000	0.00000			
5201:	68	12	56	67	12	55	480139.01871	480139.08287	-0.06416	0.10000	0.00000			
5202:	63	15	48	62	15	47	480243.79584	480243.78614	0.00970	0.10000	0.00000			
5203:	67	27	40	66	27	39	480289.21199	480289.18647	0.02552	0.10000	0.00000	480289.18647	0.02552	0.5000
5204:	67	27	41	66	27	40	480289.21199	480289.18646	0.02553	0.10000	0.00000	480289.18647	0.02552	0.5000
5205:	77	3	74	76	3	73	480316.98518	480317.00748	-0.02230	0.10000	0.00000	480317.00748	-0.02230	0.2500
5206:	77	3	74	76	4	73	480316.98518	480317.00748	-0.02230	0.10000	0.00000	480317.00748	-0.02230	0.2500
5207:	77	4	74	76	3	73	480316.98518	480317.00748	-0.02230	0.10000	0.00000	480317.00748	-0.02230	0.2500

5208:	77	4	74	76	4	73	480316.98518	480317.00748	-0.02230	0.10000	0.00000	480317.00748	-0.02230	0.2500
5209:	39	15	25	38	14	24	480485.52889	480485.49842	0.03047	0.10000	0.00000			
5210:	39	15	24	38	14	25	480490.65196	480490.49149	0.16047	0.10000	0.00000			
5211:	78	3	76	77	2	75	480596.08868	480596.12971	-0.04103	0.10000	0.00000	480596.12971	-0.04103	0.3333
5212:	78	3	76	77	3	75	480596.08868	480596.12971	-0.04103	0.10000	0.00000	480596.12971	-0.04103	0.3333
5213:	78	2	76	77	3	75	480596.08868	480596.12971	-0.04103	0.10000	0.00000	480596.12971	-0.04103	0.3333
5214:	66	20	47	65	20	46	480700.77251	480700.79293	-0.02041	0.10000	0.00000			
5215:	66	20	46	65	20	45	480751.14383	480751.00152	0.14232	0.10000	0.00000			
5216:	79	1	78	78	2	77	480880.69359	480880.70617	-0.01258	0.10000	0.00000	480880.70617	-0.01258	0.3333
5217:	79	2	78	78	1	77	480880.69359	480880.70617	-0.01258	0.10000	0.00000	480880.70617	-0.01258	0.3333
5218:	79	2	78	78	2	77	480880.69359	480880.70617	-0.01258	0.10000	0.00000	480880.70617	-0.01258	0.3333
5219:	67	14	54	66	14	53	480990.87066	480990.70959	0.16107	0.10000	0.00000			
5220:	67	26	41	66	26	40	481004.00847	481003.95326	0.05521	0.10000	0.00000	481003.95325	0.05522	0.5000
5221:	67	26	42	66	26	41	481004.00847	481003.95323	0.05524	0.10000	0.00000	481003.95325	0.05522	0.5000
5222:	80	0	80	79	0	79	481167.25086	481167.29266	-0.04180	0.10000	0.00000	481167.29266	-0.04180	0.2500
5223:	80	1	80	79	0	79	481167.25086	481167.29266	-0.04180	0.10000	0.00000	481167.29266	-0.04180	0.2500
5224:	80	0	80	79	1	79	481167.25086	481167.29266	-0.04180	0.10000	0.00000	481167.29266	-0.04180	0.2500
5225:	80	1	80	79	1	79	481167.25086	481167.29266	-0.04180	0.10000	0.00000	481167.29266	-0.04180	0.2500
5226:	66	15	52	65	15	51	481473.24360	481473.21660	0.02700	0.10000	0.00000			
5227:	68	44	24	67	44	23	481636.80081	481636.94960	-0.14879	0.10000	0.00000	481636.94960	-0.14879	0.5000
5228:	68	44	25	67	44	24	481636.80081	481636.94960	-0.14879	0.10000	0.00000	481636.94960	-0.14879	0.5000
5229:	67	13	54	66	13	53	481680.74353	481680.70540	0.03813	0.10000	0.00000			
5230:	67	25	43	66	25	42	481816.68917	481816.67980	0.00937	0.10000	0.00000	481816.68006	0.00911	0.5000
5231:	67	25	42	66	25	41	481816.68917	481816.68032	0.00886	0.10000	0.00000	481816.68006	0.00911	0.5000
5232:	68	43	25	67	43	24	481831.72815	481831.83688	-0.10874	0.10000	0.00000	481831.83688	-0.10874	0.5000
5233:	68	43	26	67	43	25	481831.72815	481831.83688	-0.10874	0.10000	0.00000	481831.83688	-0.10874	0.5000
5234:	37	16	22	36	15	21	481975.50447	481975.22512	0.27935	0.10000	0.00000			
5235:	65	14	51	64	14	50	482000.47457	482000.48378	-0.00921	0.10000	0.00000			
5236:	68	39	29	67	39	28	482722.18071	482722.17003	0.01068	0.10000	0.00000	482722.17003	0.01068	0.5000
5237:	68	39	30	67	39	29	482722.18071	482722.17003	0.01068	0.10000	0.00000	482722.17003	0.01068	0.5000
5238:	67	24	44	66	24	43	482750.47405	482750.43272	0.04133	0.10000	0.00000	482750.43638	0.03767	0.5000
5239:	67	24	43	66	24	42	482750.47405	482750.44004	0.03400	0.10000	0.00000	482750.43638	0.03767	0.5000
5240:	35	17	19	34	16	18	482846.60489	482846.59107	0.01382	0.10000	0.00000	482846.59128	0.01362	0.5000
5241:	35	17	18	34	16	19	482846.60489	482846.59148	0.01342	0.10000	0.00000	482846.59128	0.01362	0.5000
5242:	66	19	48	65	19	47	482866.58604	482866.52364	0.06239	0.10000	0.00000			
5243:	68	38	31	67	38	30	482979.37085	482979.31922	0.05163	0.10000	0.00000			
5244:	66	19	47	65	19	46	483234.91066	483234.92211	-0.01145	0.10000	0.00000			
5245:	68	37	32	67	37	31	483253.77895	483253.75897	0.01998	0.10000	0.00000	483253.75897	0.01998	0.5000
5246:	68	37	31	67	37	30	483253.77895	483253.75897	0.01998	0.10000	0.00000	483253.75897	0.01998	0.5000
5247:	33	18	15	32	17	16	483380.85633	483380.84378	0.01255	0.10000	0.00000	483380.84378	0.01255	0.5000
5248:	33	18	16	32	17	15	483380.85633	483380.84378	0.01255	0.10000	0.00000	483380.84378	0.01255	0.5000
5249:	68	36	32	67	36	31	483547.65549	483547.68987	-0.03438	0.10000	0.00000	483547.68987	-0.03438	0.5000
5250:	68	36	33	67	36	32	483547.65549	483547.68987	-0.03438	0.10000	0.00000	483547.68987	-0.03438	0.5000
5251:	31	19	12	30	18	13	483724.78303	483724.95150	-0.16846	0.10000	0.00000	483724.95150	-0.16846	0.5000
5252:	31	19	13	30	18	12	483724.78303	483724.95150	-0.16846	0.10000	0.00000	483724.95150	-0.16846	0.5000
5253:	42	14	29	41	13	28	483802.99147	483802.91444	0.07703	0.10000	0.00000			
5254:	67	23	45	66	23	44	483836.89063	483836.85357	0.03706	0.10000	0.00000			
5255:	68	35	34	67	35	33	483863.66673	483863.66648	0.00026	0.10000	0.00000	483863.66648	0.00026	0.5000
5256:	68	35	33	67	35	32	483863.66673	483863.66648	0.00026	0.10000	0.00000	483863.66648	0.00026	0.5000

5257:	29	20	9	28	19	10	483961.57454	483961.53543	0.03910	0.10000	0.00000	483961.53543	0.03910	0.5000
5258:	29	20	10	28	19	9	483961.57454	483961.53543	0.03910	0.10000	0.00000	483961.53543	0.03910	0.5000
5259:	27	21	7	26	20	6	484138.71357	484138.65452	0.05905	0.10000	0.00000	484138.65452	0.05905	0.5000
5260:	27	21	6	26	20	7	484138.71357	484138.65452	0.05905	0.10000	0.00000	484138.65452	0.05905	0.5000
5261:	68	34	67	34	33		484204.70064	484204.67211	0.02853	0.10000	0.00000			
5262:	42	14	28	41	13	29	484231.19521	484231.55432	-0.35912	0.10000	0.00000			
5263:	25	22	3	24	21	4	484284.65977	484284.64195	0.01782	0.10000	0.00000			
5264:	23	23	1	22	22	0	484416.13235	484416.13519	-0.00283	0.10000	0.00000	484416.13519	-0.00283	0.5000
5265:	23	23	0	22	22	1	484416.13235	484416.13519	-0.00283	0.10000	0.00000	484416.13519	-0.00283	0.5000
5266:	68	33	35	67	33	34	484574.12534	484574.21404	-0.08870	0.10000	0.00000	484574.21404	-0.08870	0.5000
5267:	68	33	36	67	33	35	484574.12534	484574.21404	-0.08870	0.10000	0.00000	484574.21404	-0.08870	0.5000
5268:	64	16	48	63	16	47	484834.05947	484834.07405	-0.01458	0.10000	0.00000			
5269:	68	32	37	67	32	36	484976.50783	484976.44619	0.06164	0.10000	0.00000	484976.44619	0.06164	0.5000
5270:	68	32	36	67	32	35	484976.50783	484976.44619	0.06164	0.10000	0.00000	484976.44619	0.06164	0.5000
5271:	72	10	63	71	10	62	485116.82130	485116.81875	0.00254	0.10000	0.00000	485116.82082	0.00047	0.2500
5272:	72	10	63	71	9	62	485116.82130	485116.82796	-0.00666	0.10000	0.00000	485116.82082	0.00047	0.2500
5273:	72	9	63	71	10	62	485116.82130	485116.81369	0.00761	0.10000	0.00000	485116.82082	0.00047	0.2500
5274:	72	9	63	71	9	62	485116.82130	485116.82289	-0.00160	0.10000	0.00000	485116.82082	0.00047	0.2500
5275:	67	22	46	66	22	45	485121.36023	485120.93425	0.42597	0.10000	0.00000	485121.45508	-0.09485	0.5000
5276:	67	22	45	66	22	44	485121.36023	485121.97591	-0.61568	0.10000	0.00000	485121.45508	-0.09485	0.5000
5277:	71	11	61	70	10	60	485166.81740	485167.02554	-0.20814	0.10000	0.00000	485166.82963	-0.01223	0.2500
5278:	71	11	61	70	11	60	485166.81740	485166.77529	0.04211	0.10000	0.00000	485166.82963	-0.01223	0.2500
5279:	71	10	61	70	10	60	485166.81740	485166.88397	-0.06657	0.10000	0.00000	485166.82963	-0.01223	0.2500
5280:	71	10	61	70	11	60	485166.81740	485166.63372	0.18368	0.10000	0.00000	485166.82963	-0.01223	0.2500
5281:	73	8	65	72	9	64	485182.45538	485182.46053	-0.00515	0.10000	0.00000	485182.46074	-0.00536	0.2500
5282:	73	9	65	72	8	64	485182.45538	485182.46095	-0.00557	0.10000	0.00000	485182.46074	-0.00536	0.2500
5283:	73	9	65	72	9	64	485182.45538	485182.46068	-0.00529	0.10000	0.00000	485182.46074	-0.00536	0.2500
5284:	73	8	65	72	8	64	485182.45538	485182.46080	-0.00542	0.10000	0.00000	485182.46074	-0.00536	0.2500
5285:	66	18	49	65	18	48	485227.48677	485227.48736	-0.00059	0.10000	0.00000			
5286:	74	8	67	73	7	66	485324.99335	485325.05904	-0.06570	0.10000	0.00000	485325.05904	-0.06569	0.2500
5287:	74	8	67	73	8	66	485324.99335	485325.05904	-0.06569	0.10000	0.00000	485325.05904	-0.06569	0.2500
5288:	74	7	67	73	7	66	485324.99335	485325.05904	-0.06569	0.10000	0.00000	485325.05904	-0.06569	0.2500
5289:	74	7	67	73	8	66	485324.99335	485325.05903	-0.06569	0.10000	0.00000	485325.05904	-0.06569	0.2500
5290:	70	12	59	69	12	58	485395.68763	485395.77232	-0.08468	0.10000	0.00000			
5291:	70	11	59	69	11	58	485398.06647	485398.04158	0.02489	0.10000	0.00000			
5292:	68	31	37	67	31	36	485416.38170	485416.32965	0.05205	0.10000	0.00000			
5293:	65	17	48	64	17	47	485425.98118	485425.95141	0.02977	0.10000	0.00000			
5294:	75	6	69	74	7	68	485519.81830	485519.81465	0.00364	0.10000	0.00000	485519.81465	0.00364	0.2500
5295:	75	6	69	74	6	68	485519.81830	485519.81465	0.00364	0.10000	0.00000	485519.81465	0.00364	0.2500
5296:	75	7	69	74	7	68	485519.81830	485519.81465	0.00364	0.10000	0.00000	485519.81465	0.00364	0.2500
5297:	75	7	69	74	6	68	485519.81830	485519.81465	0.00364	0.10000	0.00000	485519.81465	0.00364	0.2500
5298:	76	6	71	75	5	70	485750.06873	485750.07809	-0.00936	0.10000	0.00000	485750.07809	-0.00936	0.5000
5299:	76	5	71	75	6	70	485750.06873	485750.07809	-0.00936	0.10000	0.00000	485750.07809	-0.00936	0.5000
5300:	66	16	51	65	16	50	485759.18330	485759.15582	0.02748	0.10000	0.00000			
5301:	68	30	38	67	30	37	485899.99690	485899.84590	0.15100	0.10000	0.00000	485899.84590	0.15100	0.5000
5302:	68	30	39	67	30	38	485899.99690	485899.84590	0.15100	0.10000	0.00000	485899.84590	0.15100	0.5000
5303:	69	13	57	68	13	56	485906.98748	485907.04220	-0.05472	0.10000	0.00000			
5304:	69	12	57	68	12	56	485943.93517	485943.99909	-0.06392	0.10000	0.00000			
5305:	77	5	73	76	4	72	486004.23332	486004.28141	-0.04809	0.10000	0.00000	486004.28141	-0.04809	0.2500

5306:	77	5	73	76	5	72	486004.23332	486004.28141	-0.04809	0.10000	0.00000	486004.28141	-0.04809	0.2500
5307:	77	4	73	76	4	72	486004.23332	486004.28141	-0.04809	0.10000	0.00000	486004.28141	-0.04809	0.2500
5308:	77	4	73	76	5	72	486004.23332	486004.28141	-0.04809	0.10000	0.00000	486004.28141	-0.04809	0.2500
5309:	78	3	75	77	4	74	486274.13941	486274.17242	-0.03301	0.10000	0.00000	486274.17242	-0.03301	0.2500
5310:	78	3	75	77	3	74	486274.13941	486274.17242	-0.03301	0.10000	0.00000	486274.17242	-0.03301	0.2500
5311:	78	4	75	77	4	74	486274.13941	486274.17242	-0.03301	0.10000	0.00000	486274.17242	-0.03301	0.2500
5312:	78	4	75	77	3	74	486274.13941	486274.17242	-0.03301	0.10000	0.00000	486274.17242	-0.03301	0.2500
5313:	68	29	39	67	29	38	486434.37601	486434.28556	0.09045	0.10000	0.00000	486434.28556	0.09045	0.5000
5314:	68	29	40	67	29	39	486434.37601	486434.28556	0.09045	0.10000	0.00000	486434.28556	0.09045	0.5000
5315:	66	14	52	65	14	51	486502.00306	486502.12886	-0.12581	0.10000	0.00000			
5316:	79	3	77	78	2	76	486553.69238	486553.74108	-0.04871	0.10000	0.00000	486553.74108	-0.04871	0.3333
5317:	79	3	77	78	3	76	486553.69238	486553.74108	-0.04871	0.10000	0.00000	486553.74108	-0.04871	0.3333
5318:	79	2	77	78	3	76	486553.69238	486553.74108	-0.04871	0.10000	0.00000	486553.74108	-0.04871	0.3333
5319:	67	21	47	66	21	46	486668.01625	486667.96547	0.05078	0.10000	0.00000			
5320:	67	21	46	66	21	45	486678.39701	486678.13283	0.26417	0.10000	0.00000			
5321:	66	17	50	65	17	49	486774.35552	486774.37380	-0.01828	0.10000	0.00000			
5322:	68	14	55	67	14	54	486786.46172	486786.55340	-0.09168	0.10000	0.00000			
5323:	80	1	79	79	1	78	486838.53149	486838.53745	-0.00596	0.10000	0.00000	486838.53745	-0.00596	0.3333
5324:	80	2	79	79	2	78	486838.53149	486838.53745	-0.00596	0.10000	0.00000	486838.53745	-0.00596	0.3333
5325:	80	1	79	79	2	78	486838.53149	486838.53745	-0.00596	0.10000	0.00000	486838.53745	-0.00596	0.3333
5326:	68	28	41	67	28	40	487028.77137	487028.64775	0.12362	0.10000	0.00000	487028.64775	0.12362	0.5000
5327:	68	28	40	67	28	39	487028.77137	487028.64775	0.12362	0.10000	0.00000	487028.64775	0.12362	0.5000
5328:	40	15	26	39	14	25	487094.41780	487094.36984	0.04796	0.10000	0.00000			
5329:	40	15	25	39	14	26	487104.65655	487104.61959	0.03697	0.10000	0.00000			
5330:	81	1	81	80	0	80	487125.19559	487125.22260	-0.02702	0.10000	0.00000	487125.22260	-0.02702	0.2500
5331:	81	1	81	80	1	80	487125.19559	487125.22260	-0.02702	0.10000	0.00000	487125.22260	-0.02702	0.2500
5332:	81	0	81	80	0	80	487125.19559	487125.22260	-0.02702	0.10000	0.00000	487125.22260	-0.02702	0.2500
5333:	68	13	55	67	13	54	487236.84020	487236.86297	-0.02278	0.10000	0.00000			
5334:	64	15	49	63	15	48	487268.64521	487268.58697	0.05824	0.10000	0.00000			
5335:	66	18	48	65	18	47	487368.83967	487368.84610	-0.00644	0.10000	0.00000			
5336:	67	15	53	66	15	52	487522.69237	487522.71380	-0.02142	0.10000	0.00000			
5337:	68	27	41	67	27	40	487694.28890	487694.20666	0.08224	0.10000	0.00000	487694.20665	0.08224	0.5000
5338:	68	27	42	67	27	41	487694.28890	487694.20665	0.08225	0.10000	0.00000	487694.20665	0.08224	0.5000
5339:	68	26	43	67	26	42	488445.38325	488445.33943	0.04382	0.10000	0.00000	488445.33946	0.04378	0.5000
5340:	68	26	42	67	26	41	488445.38325	488445.33950	0.04375	0.10000	0.00000	488445.33946	0.04378	0.5000
5341:	67	20	48	66	20	47	488563.58763	488563.54766	0.03997	0.10000	0.00000			
5342:	67	20	47	66	20	46	488648.51301	488648.49684	0.01618	0.10000	0.00000			
5343:	38	16	23	37	15	22	488780.34382	488780.05303	0.29079	0.10000	0.00000	488780.12285	0.22097	0.5000
5344:	38	16	22	37	15	23	488780.34382	488780.19268	0.15114	0.10000	0.00000	488780.12285	0.22097	0.5000
5345:	69	44	26	68	44	24	488785.40411	488785.74422	-0.34011	0.10000	0.00000	488785.74422	-0.34011	0.5000
5346:	69	44	26	68	44	25	488785.40411	488785.74422	-0.34011	0.10000	0.00000	488785.74422	-0.34011	0.5000
5347:	69	42	27	68	42	26	489200.51087	489200.78638	-0.27551	0.10000	0.00000	489200.78638	-0.27551	0.5000
5348:	69	42	28	68	42	27	489200.51087	489200.78638	-0.27551	0.10000	0.00000	489200.78638	-0.27551	0.5000
5349:	68	25	43	67	25	42	489301.15629	489300.78113	0.37517	0.10000	0.00000	489300.78060	0.37570	0.5000
5350:	68	25	44	67	25	43	489301.15629	489300.78007	0.37623	0.10000	0.00000	489300.78060	0.37570	0.5000
5351:	69	41	29	68	41	28	489424.94031	489425.04075	-0.10044	0.10000	0.00000	489425.04075	-0.10044	0.5000
5352:	69	41	28	68	41	27	489424.94031	489425.04075	-0.10044	0.10000	0.00000	489425.04075	-0.10044	0.5000
5353:	69	40	30	68	40	29	489662.03355	489662.18025	-0.14671	0.10000	0.00000	489662.18025	-0.14671	0.5000

5355:	69	40	29	68	40	28	489662.03355	489662.18025	-0.14671	0.10000	0.00000	489662.18025	-0.14671	0.5000
5356:	36	17	19	35	16	20	489761.62421	489761.64962	-0.02541	0.10000	0.00000	489761.64962	-0.02541	0.5000
5357:	36	17	20	35	16	19	489761.62421	489761.64853	-0.02432	0.10000	0.00000	489761.64907	-0.02487	0.5000
5358:	69	39	31	68	39	30	489913.73419	489913.72805	0.00613	0.10000	0.00000	489913.72805	0.00613	0.5000
5359:	69	39	30	68	39	29	489913.73419	489913.72805	0.00613	0.10000	0.00000	489913.72805	0.00613	0.5000
5360:	45	13	32	44	12	33	489924.29608	489924.56074	-0.26466	0.10000	0.00000			
5361:	69	38	31	68	38	30	490181.62044	490181.42703	0.19341	0.10000	0.00000	490181.42703	0.19341	0.5000
5362:	69	38	32	68	38	31	490181.62044	490181.42703	0.19341	0.10000	0.00000	490181.42703	0.19341	0.5000
5363:	68	24	45	67	24	44	490285.65590	490285.59985	0.05605	0.10000	0.00000	490285.60713	0.04877	0.5000
5364:	68	24	44	67	24	43	490285.65590	490285.61441	0.04149	0.10000	0.00000	490285.60713	0.04877	0.5000
5365:	34	18	16	33	17	17	490361.61376	490361.59084	0.02292	0.10000	0.00000	490361.59084	0.02292	0.5000
5366:	34	18	17	33	17	16	490361.61376	490361.59084	0.02293	0.10000	0.00000	490361.59084	0.02292	0.5000
5367:	69	37	33	68	37	32	490467.28119	490467.28077	0.00042	0.10000	0.00000	490467.28077	0.00042	0.5000
5368:	69	37	32	68	37	31	490467.28119	490467.28077	0.00042	0.10000	0.00000	490467.28077	0.00042	0.5000
5369:	32	19	14	31	18	13	490745.19202	490745.34012	-0.14810	0.10000	0.00000	490745.34012	-0.14810	0.5000
5370:	32	19	13	31	18	14	490745.19202	490745.34012	-0.14810	0.10000	0.00000	490745.34012	-0.14810	0.5000
5371:	69	36	33	68	36	32	490773.60930	490773.60429	0.00501	0.10000	0.00000	490773.60429	0.00501	0.5000
5372:	69	36	34	68	36	33	490773.60930	490773.60429	0.00501	0.10000	0.00000	490773.60429	0.00501	0.5000
5373:	67	19	49	66	19	48	490844.51363	490844.58847	-0.07484	0.10000	0.00000			
5374:	30	20	11	29	19	10	491005.54903	491005.55452	-0.00549	0.10000	0.00000	491005.55452	-0.00549	0.5000
5375:	30	20	10	29	19	11	491005.54903	491005.55452	-0.00549	0.10000	0.00000	491005.55452	-0.00549	0.5000
5376:	73	9	64	72	10	63	491047.99538	491048.04361	-0.04823	0.10000	0.00000	491048.04791	-0.05253	0.3333
5377:	73	9	64	72	9	63	491047.99538	491048.04867	-0.05330	0.10000	0.00000	491048.04791	-0.05253	0.3333
5378:	73	10	64	72	9	63	491047.99538	491048.05146	-0.05608	0.10000	0.00000	491048.04791	-0.05253	0.3333
5379:	72	10	62	71	10	61	491080.74356	491080.79767	-0.05410	0.10000	0.00000	491080.76677	-0.02321	0.2500
5380:	72	11	62	71	10	61	491080.74356	491080.87744	-0.13388	0.10000	0.00000	491080.76677	-0.02321	0.2500
5381:	72	10	62	71	11	61	491080.74356	491080.65610	0.08747	0.10000	0.00000	491080.76677	-0.02321	0.2500
5382:	72	11	62	71	11	61	491080.74356	491080.73587	0.00769	0.10000	0.00000	491080.76677	-0.02321	0.2500
5383:	69	35	34	68	35	33	491103.19340	491103.08745	0.10595	0.10000	0.00000	491103.08745	0.10595	0.5000
5384:	69	35	35	68	35	34	491103.19340	491103.08745	0.10595	0.10000	0.00000	491103.08745	0.10595	0.5000
5385:	74	9	66	73	9	65	491123.96253	491124.06578	-0.10325	0.10000	0.00000	491124.06582	-0.10328	0.2500
5386:	74	9	66	73	8	65	491123.96253	491124.06593	-0.10340	0.10000	0.00000	491124.06582	-0.10328	0.2500
5387:	74	8	66	73	8	65	491123.96253	491124.06571	-0.10317	0.10000	0.00000	491124.06582	-0.10328	0.2500
5388:	74	8	66	73	8	65	491123.96253	491124.06585	-0.10332	0.10000	0.00000	491124.06582	-0.10328	0.2500
5389:	67	14	53	66	14	52	491173.41642	491173.40981	0.00661	0.10000	0.00000			
5390:	28	21	7	27	20	8	491196.34058	491196.21196	0.12862	0.10000	0.00000	491196.21196	0.12862	0.5000
5391:	28	21	8	27	20	7	491196.34058	491196.21196	0.12862	0.10000	0.00000	491196.21196	0.12862	0.5000
5392:	75	7	68	74	8	67	491272.96857	491273.00619	-0.03762	0.10000	0.00000	491273.00619	-0.03762	0.2500
5393:	75	8	68	74	8	67	491272.96857	491273.00619	-0.03762	0.10000	0.00000	491273.00619	-0.03762	0.2500
5394:	75	7	68	74	7	67	491272.96857	491273.00619	-0.03762	0.10000	0.00000	491273.00619	-0.03762	0.2500
5395:	75	8	68	74	7	67	491272.96857	491273.00619	-0.03762	0.10000	0.00000	491273.00619	-0.03762	0.2500
5396:	71	11	60	70	11	59	491280.94073	491281.59856	-0.65783	0.10000	0.00000	491280.93181	0.00892	0.5000
5397:	71	12	60	70	12	59	491280.94073	491280.26505	0.67568	0.10000	0.00000	491280.93181	0.00892	0.5000
5398:	26	22	5	25	21	4	491349.20991	491349.32330	-0.11339	0.10000	0.00000	491349.32330	-0.11339	0.5000
5399:	26	22	4	25	21	5	491349.20991	491349.32330	-0.11339	0.10000	0.00000	491349.32330	-0.11339	0.5000
5400:	67	19	48	66	19	47	491434.29802	491433.77748	0.52054	0.10000	0.00000	491434.29979	-0.00177	0.3333
5401:	68	23	46	67	23	45	491434.29802	491434.47219	-0.17417	0.10000	0.00000	491434.29979	-0.00177	0.3333
5402:	68	23	45	67	23	44	491434.29802	491434.64971	-0.35168	0.10000	0.00000	491434.29979	-0.00177	0.3333
5403:	69	34	36	68	34	35	491458.80524	491458.87481	-0.06956	0.10000	0.00000	491458.87481	-0.06956	0.5000

5404:	69	34	35	68	34	34	491458.80524	491458.87481	-0.06956	0.10000	0.00000	491458.87481	-0.06956	0.5000
5405:	76	7	70	75	7	69	491471.23042	491471.65044	-0.42002	0.10000	0.00000	491471.65044	-0.42002	0.2500
5406:	76	6	70	75	7	69	491471.23042	491471.65044	-0.42002	0.10000	0.00000	491471.65044	-0.42002	0.2500
5407:	76	6	70	75	6	69	491471.23042	491471.65044	-0.42002	0.10000	0.00000	491471.65044	-0.42002	0.2500
5408:	76	7	70	75	6	69	491471.23042	491471.65044	-0.42002	0.10000	0.00000	491471.65044	-0.42002	0.2500
5409:	24	23	1	23	22	2	491483.89603	491483.88980	0.00623	0.10000	0.00000	491483.88980	0.00623	0.5000
5410:	24	23	2	23	22	1	491483.89603	491483.88980	0.00623	0.10000	0.00000	491483.88980	0.00623	0.5000
5411:	77	5	72	76	6	71	491704.24390	491704.27601	-0.03211	0.10000	0.00000	491704.27601	-0.03211	0.2500
5412:	77	5	72	76	5	71	491704.24390	491704.27601	-0.03211	0.10000	0.00000	491704.27601	-0.03211	0.2500
5413:	77	6	72	76	6	71	491704.24390	491704.27601	-0.03211	0.10000	0.00000	491704.27601	-0.03211	0.2500
5414:	77	6	72	76	5	71	491704.24390	491704.27601	-0.03211	0.10000	0.00000	491704.27601	-0.03211	0.2500
5415:	70	13	58	69	13	57	491742.87694	491742.63446	0.24249	0.10000	0.00000			
5416:	70	12	58	69	12	57	491765.25187	491765.23714	0.01473	0.10000	0.00000			
5417:	69	33	36	68	33	35	491844.42853	491844.66774	-0.23921	0.10000	0.00000			
5418:	78	4	74	77	5	73	491959.85813	491959.88222	-0.02409	0.10000	0.00000	491959.88222	-0.02409	0.2500
5419:	78	4	74	77	4	73	491959.85813	491959.88222	-0.02409	0.10000	0.00000	491959.88222	-0.02409	0.2500
5420:	78	5	74	77	4	73	491959.85813	491959.88222	-0.02409	0.10000	0.00000	491959.88222	-0.02409	0.2500
5421:	78	5	74	77	5	73	491959.85813	491959.88222	-0.02409	0.10000	0.00000	491959.88222	-0.02409	0.2500
5422:	79	3	76	78	4	75	492230.50746	492230.57522	-0.06776	0.10000	0.00000	492230.57522	-0.06776	0.2500
5423:	79	4	76	78	4	75	492230.50746	492230.57522	-0.06776	0.10000	0.00000	492230.57522	-0.06776	0.2500
5424:	79	4	76	78	3	75	492230.50746	492230.57522	-0.06776	0.10000	0.00000	492230.57522	-0.06776	0.2500
5425:	79	3	76	78	3	75	492230.50746	492230.57522	-0.06776	0.10000	0.00000	492230.57522	-0.06776	0.2500
5426:	69	32	38	68	32	37	492264.84785	492264.85633	-0.00848	0.10000	0.00000	492264.85633	-0.00848	0.5000
5427:	69	32	37	68	32	36	492264.84785	492264.85633	-0.00848	0.10000	0.00000	492264.85633	-0.00848	0.5000
5428:	67	16	52	66	16	51	492465.94018	492465.91354	0.02664	0.10000	0.00000			
5429:	80	2	78	79	3	77	492510.53259	492510.57649	-0.04390	0.10000	0.00000	492510.57649	-0.04390	0.3333
5430:	80	2	78	79	2	77	492510.53259	492510.57649	-0.04390	0.10000	0.00000	492510.57649	-0.04390	0.3333
5431:	80	3	78	79	2	77	492510.53259	492510.57649	-0.04390	0.10000	0.00000	492510.57649	-0.04390	0.3333
5432:	69	14	56	68	14	55	492575.33820	492575.32628	0.01192	0.10000	0.00000			
5433:	69	31	38	68	31	37	492724.36546	492724.69257	-0.32711	0.10000	0.00000			
5434:	81	2	80	80	1	79	492795.36576	492795.58792	-0.22216	0.10000	0.00000	492795.58792	-0.22216	0.2500
5435:	81	1	80	80	1	79	492795.36576	492795.58792	-0.22216	0.10000	0.00000	492795.58792	-0.22216	0.2500
5436:	81	1	80	80	2	79	492795.36576	492795.58792	-0.22216	0.10000	0.00000	492795.58792	-0.22216	0.2500
5437:	81	2	80	80	2	79	492795.36576	492795.58792	-0.22216	0.10000	0.00000			
5438:	68	22	46	67	22	45	492799.18520	492798.97862	0.20659	0.10000	0.00000			
5439:	69	13	56	68	13	55	492865.66128	492865.71523	-0.05395	0.10000	0.00000			
5440:	82	1	82	81	0	81	493082.33520	493082.37090	-0.03570	0.10000	0.00000	493082.37090	-0.03570	0.2500
5441:	82	1	82	81	1	81	493082.33520	493082.37090	-0.03570	0.10000	0.00000	493082.37090	-0.03570	0.2500
5442:	82	0	82	81	1	81	493082.33520	493082.37090	-0.03570	0.10000	0.00000	493082.37090	-0.03570	0.2500
5443:	82	0	82	81	0	81	493082.33520	493082.37090	-0.03570	0.10000	0.00000	493082.37090	-0.03570	0.2500
5444:	67	18	50	66	18	49	493172.07074	493172.24143	-0.17070	0.10000	0.00000			
5445:	69	30	40	68	30	39	493230.89541	493230.52137	0.37404	0.10000	0.00000			
5446:	68	15	54	67	15	53	493474.92026	493474.89445	0.02581	0.10000	0.00000			
5447:	65	15	50	64	15	49	493484.40588	493484.36175	0.04413	0.10000	0.00000			
5448:	41	15	27	40	14	26	493642.62446	493642.57279	0.05167	0.10000	0.00000			
5449:	41	15	26	40	14	27	493663.98899	493663.11951	-0.03052	0.10000	0.00000			
5450:	69	29	40	68	29	39	493790.11470	493790.09495	0.01974	0.10000	0.00000	493790.09495	0.01974	0.5000
5451:	69	29	41	68	29	40	493790.11470	493790.09495	0.01974	0.10000	0.00000	493790.09495	0.01974	0.5000
5452:	65	16	49	64	16	48	494139.40601	494139.36009	0.04592	0.10000	0.00000			

5453:	67	17	51	66	17	50	494280.30620	494280.36425	-0.05805	0.10000	0.00000	494413.01012	0.08653	0.5000
5454:	69	28	42	68	28	41	494413.09665	494413.01012	0.08653	0.10000	0.00000	494413.01012	0.08653	0.5000
5455:	69	28	41	68	28	40	494413.09665	494413.01012	0.08653	0.10000	0.00000	494413.01012	0.08653	0.5000
5456:	68	21	48	67	21	47	494444.83018	494445.00933	-0.17915	0.10000	0.00000			
5457:	68	21	47	67	21	46	494462.90374	494462.81053	0.09321	0.10000	0.00000			
5458:	69	27	43	68	27	42	495111.41287	495111.33278	0.08009	0.10000	0.00000	495111.33278	0.08009	0.5000
5459:	69	27	42	68	27	41	495111.41287	495111.33279	0.08008	0.10000	0.00000	495111.33278	0.08009	0.5000
5460:	66	17	49	65	17	48	495223.06868	495223.00744	0.06124	0.10000	0.00000			
5461:	39	16	24	38	15	23	495550.61401	495550.48623	0.12778	0.10000	0.00000	495550.64351	-0.02951	0.5000
5462:	39	16	23	38	15	24	495550.61401	495550.80080	-0.18679	0.10000	0.00000	495550.64351	-0.02951	0.5000
5463:	69	26	44	68	26	43	495900.54441	495900.51793	0.02648	0.10000	0.00000	495900.51800	0.02641	0.5000
5464:	69	26	43	68	26	42	495900.54441	495900.51808	0.02634	0.10000	0.00000	495900.51800	0.02641	0.5000
5465:	70	44	27	69	44	26	495937.35650	495937.44704	-0.09054	0.10000	0.00000	495937.44704	-0.09054	0.5000
5466:	70	44	26	69	44	25	495937.35650	495937.44704	-0.09054	0.10000	0.00000	495937.44704	-0.09054	0.5000
5467:	68	14	54	67	14	53	496052.77609	496052.77595	0.00014	0.10000	0.00000			
5468:	67	18	49	66	18	48	496338.70473	496338.70479	-0.00006	0.10000	0.00000			
5469:	70	42	28	69	42	27	496368.14091	496368.31618	-0.17527	0.10000	0.00000	496368.31618	-0.17527	0.5000
5470:	70	42	29	69	42	28	496368.14091	496368.31618	-0.17527	0.10000	0.00000	496368.31618	-0.17527	0.5000
5471:	68	20	49	67	20	48	496464.37488	496464.32962	0.04526	0.10000	0.00000			
5472:	70	41	30	69	41	29	496601.40922	496601.30635	0.10287	0.10000	0.00000	496601.30635	0.10287	0.5000
5473:	70	41	29	69	41	28	496601.40922	496601.30635	0.10287	0.10000	0.00000	496601.30635	0.10287	0.5000
5474:	68	20	48	67	20	47	496605.95276	496605.93045	0.02231	0.10000	0.00000			
5475:	37	17	21	36	16	20	496654.95729	496654.97206	-0.01477	0.10000	0.00000			
5476:	44	14	30	43	13	31	496782.80179	496782.83849	-0.03670	0.10000	0.00000			
5477:	69	25	45	68	25	44	496800.84747	496800.81654	0.03093	0.10000	0.00000	496800.81762	0.02985	0.5000
5478:	69	25	44	68	25	43	496800.84747	496800.81870	0.02877	0.10000	0.00000	496800.81762	0.02985	0.5000
5479:	70	40	30	69	40	29	496847.48316	496847.81417	-0.33101	0.10000	0.00000	496847.81417	-0.33101	0.5000
5480:	70	40	31	69	40	30	496847.48316	496847.81417	-0.33101	0.10000	0.00000	496847.81417	-0.33101	0.5000
5481:	74	9	65	73	9	64	496979.92019	496979.93353	-0.01334	0.10000	0.00000	496979.93290	-0.01271	0.2500
5482:	74	10	65	73	9	64	496979.92019	496979.93505	-0.01486	0.10000	0.00000	496979.93290	-0.01271	0.2500
5483:	74	9	65	73	10	64	496979.92019	496979.93075	-0.01056	0.10000	0.00000	496979.93290	-0.01271	0.2500
5484:	74	10	65	73	10	64	496979.92019	496979.93227	-0.01208	0.10000	0.00000	496979.93290	-0.01271	0.2500
5485:	73	11	63	72	10	62	496996.61428	496996.68925	-0.07497	0.10000	0.00000	496996.62696	-0.01268	0.2500
5486:	73	10	63	72	11	62	496996.61428	496996.56468	0.04960	0.10000	0.00000	496996.62696	-0.01268	0.2500
5487:	73	11	63	72	11	62	496996.61428	496996.60947	0.00481	0.10000	0.00000	496996.62696	-0.01268	0.2500
5488:	73	10	63	72	10	62	496996.61428	496996.64446	-0.03018	0.10000	0.00000	496996.62696	-0.01268	0.2500
5489:	75	8	67	74	9	66	497065.52231	497065.66171	-0.13940	0.10000	0.00000	497065.66177	-0.13946	0.2500
5490:	75	9	67	74	9	66	497065.52231	497065.66176	-0.13944	0.10000	0.00000	497065.66177	-0.13946	0.2500
5491:	75	9	67	74	8	66	497065.52231	497065.66183	-0.13952	0.10000	0.00000	497065.66177	-0.13946	0.2500
5492:	75	8	67	74	8	66	497065.52231	497065.66179	-0.13948	0.10000	0.00000	497065.66177	-0.13946	0.2500
5493:	72	12	61	71	12	60	497169.50985	497169.04350	0.46635	0.10000	0.00000	497169.43325	0.07660	0.5000
5494:	72	11	61	71	11	60	497169.50985	497169.82299	-0.31314	0.10000	0.00000	497169.43325	0.07660	0.5000
5495:	76	8	69	75	7	68	497220.51776	497220.57958	-0.06182	0.10000	0.00000	497220.57958	-0.06182	0.2500
5496:	76	7	69	75	7	68	497220.51776	497220.57958	-0.06182	0.10000	0.00000	497220.57958	-0.06182	0.2500
5497:	76	8	69	75	8	68	497220.51776	497220.57958	-0.06182	0.10000	0.00000	497220.57958	-0.06182	0.2500
5498:	76	7	69	75	8	68	497220.51776	497220.57958	-0.06182	0.10000	0.00000	497220.57958	-0.06182	0.2500
5499:	35	18	18	34	17	17	497328.11457	497328.19320	-0.07863	0.10000	0.00000			
5500:	70	38	32	69	38	31	497388.22365	497388.00836	0.21530	0.10000	0.00000			
5501:	77	7	71	76	6	70	497422.72118	497422.91114	-0.18995	0.10000	0.00000	497422.91114	-0.18995	0.2500

5502:	77	6	71	76	6	70	497422.72118	497422.91114	-0.18995	0.10000	0.00000	497422.91114	-0.18995	0.2500
5503:	77	7	71	76	7	70	497422.72118	497422.91114	-0.18995	0.10000	0.00000	497422.91114	-0.18995	0.2500
5504:	77	6	71	76	7	70	497422.72118	497422.91114	-0.18995	0.10000	0.00000	497422.91114	-0.18995	0.2500
5505:	71	13	59	70	13	58	497585.77081	497585.78295	-0.01213	0.10000	0.00000			
5506:	71	12	59	70	12	58	497599.46709	497599.50901	-0.04192	0.10000	0.00000			
5507:	78	6	73	77	5	72	497657.70679	497657.78862	-0.08184	0.10000	0.00000	497657.78862	-0.08184	0.2500
5508:	78	5	73	77	6	72	497657.70679	497657.78862	-0.08184	0.10000	0.00000	497657.78862	-0.08184	0.2500
5509:	78	5	73	77	5	72	497657.70679	497657.78862	-0.08184	0.10000	0.00000	497657.78862	-0.08184	0.2500
5510:	78	6	73	77	6	72	497657.70679	497657.78862	-0.08184	0.10000	0.00000	497657.78862	-0.08184	0.2500
5511:	33	19	15	32	18	14	497756.46381	497756.47634	-0.01253	0.10000	0.00000	497756.47634	-0.01253	0.5000
5512:	33	19	14	32	18	15	497756.46381	497756.47634	-0.01253	0.10000	0.00000	497756.47634	-0.01253	0.5000
5513:	69	24	45	68	24	44	497839.37628	497839.55029	-0.17401	0.10000	0.00000	497839.53602	-0.15974	0.5000
5514:	69	24	46	68	24	45	497839.37628	497839.52175	-0.14547	0.10000	0.00000	497839.53602	-0.15974	0.5000
5515:	79	5	75	78	4	74	497914.72730	497914.73920	-0.01190	0.10000	0.00000	497914.73920	-0.01190	0.2500
5516:	79	4	75	78	5	74	497914.72730	497914.73920	-0.01190	0.10000	0.00000	497914.73920	-0.01190	0.2500
5517:	79	4	75	78	4	74	497914.72730	497914.73920	-0.01190	0.10000	0.00000	497914.73920	-0.01190	0.2500
5518:	79	5	75	78	5	74	497914.72730	497914.73920	-0.01190	0.10000	0.00000	497914.73920	-0.01190	0.2500
5519:	70	36	35	69	36	34	498004.75839	498004.73887	0.01952	0.10000	0.00000	498004.73887	0.01952	0.5000
5520:	70	36	34	69	36	33	498004.75839	498004.73887	0.01952	0.10000	0.00000	498004.73887	0.01952	0.5000
5521:	31	20	12	30	19	11	498043.69544	498043.59817	0.09727	0.10000	0.00000	498043.59817	0.09727	0.5000
5522:	31	20	11	30	19	12	498043.69544	498043.59817	0.09727	0.10000	0.00000	498043.59817	0.09727	0.5000
5523:	70	13	57	69	14	56	498055.98175	498056.43616	-0.45440	0.10000	0.00000			
5524:	80	3	77	79	3	76	498186.20439	498186.20497	-0.00058	0.10000	0.00000	498186.20497	-0.00058	0.3333
5525:	80	4	77	79	3	76	498186.20439	498186.20497	-0.00058	0.10000	0.00000	498186.20497	-0.00058	0.3333
5526:	80	3	77	79	4	76	498186.20439	498186.20497	-0.00058	0.10000	0.00000	498186.20497	-0.00058	0.3333
5527:	29	21	8	28	20	9	498250.00237	498250.03095	-0.02858	0.10000	0.00000			
5528:	70	35	36	69	35	35	498348.19127	498348.16548	0.02579	0.10000	0.00000	498348.16548	0.02579	0.5000
5529:	70	35	35	69	35	34	498348.19127	498348.16548	0.02579	0.10000	0.00000	498348.16548	0.02579	0.5000
5530:	70	14	57	69	14	56	498363.60927	498363.69499	-0.08572	0.10000	0.00000			
5531:	27	22	6	26	21	5	498411.81663	498411.80066	0.01597	0.10000	0.00000	498411.80066	0.01597	0.5000
5532:	27	22	5	26	21	6	498411.81663	498411.80066	0.01597	0.10000	0.00000	498411.80066	0.01597	0.5000
5533:	70	15	55	69	16	54	498431.74638	498431.75165	-0.00527	0.10000	0.00000			
5534:	81	2	79	80	2	78	498466.57943	498466.62587	-0.04644	0.10000	0.00000	498466.62587	-0.04644	0.2500
5535:	81	3	79	80	3	78	498466.57943	498466.62587	-0.04644	0.10000	0.00000	498466.62587	-0.04644	0.2500
5536:	81	3	79	80	2	78	498466.57943	498466.62587	-0.04644	0.10000	0.00000	498466.62587	-0.04644	0.2500
5537:	81	2	79	80	3	78	498466.57943	498466.62587	-0.04644	0.10000	0.00000	498466.62587	-0.04644	0.2500
5538:	70	13	57	69	13	56	498548.61280	498548.96396	-0.35116	0.10000	0.00000			
5539:	25	23	3	24	22	2	498550.70871	498550.48481	0.22390	0.10000	0.00000	498550.48481	0.22390	0.5000
5540:	25	23	2	24	22	3	498550.70871	498550.48481	0.22390	0.10000	0.00000	498550.48481	0.22390	0.5000
5541:	70	34	36	69	34	35	498719.24493	498719.22414	0.02079	0.10000	0.00000	498719.22414	0.02079	0.5000
5542:	70	34	37	69	34	36	498719.24493	498719.22414	0.02079	0.10000	0.00000	498719.22414	0.02079	0.5000
5543:	82	2	81	81	1	80	498751.83786	498751.84782	-0.00996	0.10000	0.00000	498751.84782	-0.00996	0.2500
5544:	82	2	81	81	2	80	498751.83786	498751.84782	-0.00996	0.10000	0.00000	498751.84782	-0.00996	0.2500
5545:	82	1	81	81	1	80	498751.83786	498751.84782	-0.00996	0.10000	0.00000	498751.84782	-0.00996	0.2500
5546:	82	1	81	81	2	80	498751.83786	498751.84782	-0.00996	0.10000	0.00000	498751.84782	-0.00996	0.2500
5547:	68	19	50	67	19	49	498844.72342	498844.72393	0.03849	0.10000	0.00000			
5548:	66	15	51	65	15	50	498960.03342	498960.07441	-0.04099	0.10000	0.00000			
5549:	68	16	53	67	16	52	498980.25554	498980.24275	0.01279	0.10000	0.00000			
5550:	83	1	83	82	0	82	499038.66806	499038.72787	-0.05981	0.10000	0.00000	499038.72787	-0.05981	0.3333

5551:	83	1	83	82	1	82	499038.66806	499038.72787	-0.05981	0.10000	0.00000	499038.72787	-0.05981	0.3333
5552:	83	0	83	82	0	82	499038.66806	499038.72787	-0.05981	0.10000	0.00000	499038.72787	-0.05981	0.3333
5553:	69	23	47	68	23	46	499054.89052	499054.69780	0.19272	0.10000	0.00000	499054.86493	0.02559	0.5000
5554:	69	23	46	68	23	45	499054.89052	499055.03207	-0.14154	0.10000	0.00000	499054.86493	0.02559	0.5000
5555:	69	15	55	68	15	54	499354.22514	499354.21305	0.01208	0.10000	0.00000			
5556:	70	32	38	69	32	37	499560.65521	499560.59428	0.06092	0.10000	0.00000	499560.59428	0.06092	0.5000
5557:	70	32	39	69	32	38	499560.65521	499560.59428	0.06092	0.10000	0.00000	499560.59428	0.06092	0.5000
5558:	68	19	49	67	19	48	499770.19809	499770.44682	-0.24873	0.10000	0.00000			
5559:	70	31	40	69	31	39	500041.29763	500041.10534	0.19228	0.10000	0.00000	500041.10534	0.19228	0.5000
5560:	70	31	39	69	31	38	500041.29763	500041.10534	0.19228	0.10000	0.00000	500041.10534	0.19228	0.5000
5561:	42	15	27	41	14	28	500161.16285	500161.47772	-0.31487	0.10000	0.00000			
5562:	69	22	48	68	22	47	500501.19929	500501.20901	-0.00971	0.10000	0.00000			
5563:	69	22	47	68	22	46	500504.65429	500504.65203	0.00226	0.10000	0.00000			
5564:	70	30	40	69	30	39	500570.08232	500570.08521	-0.00290	0.10000	0.00000			
5565:	45	14	32	44	13	31	500781.52604	500781.56582	-0.03978	0.10000	0.00000			
5566:	68	18	51	67	18	50	501061.59441	501061.62147	-0.02706	0.10000	0.00000			
5567:	69	14	55	68	14	54	501133.74710	501133.59583	0.15127	0.10000	0.00000			
5568:	70	29	42	69	29	41	501155.84157	501155.77922	0.06235	0.10000	0.00000	501155.77922	0.06235	0.5000
5569:	70	29	41	69	29	40	501155.84157	501155.77922	0.06235	0.10000	0.00000	501155.77922	0.06235	0.5000
5570:	68	17	52	67	17	51	501614.51571	501614.47795	0.03777	0.10000	0.00000			
5571:	70	28	43	69	28	42	501808.51662	501808.42607	0.09056	0.10000	0.00000	501808.42607	0.09055	0.5000
5572:	70	28	42	69	28	41	501808.51662	501808.42607	0.09055	0.10000	0.00000	501808.42607	0.09055	0.5000
5573:	69	21	49	68	21	48	502256.88906	502256.87931	0.00975	0.10000	0.00000			
5574:	40	16	24	39	15	25	502283.42764	502283.77720	-0.34957	0.10000	0.00000	502283.43203	-0.00440	0.5000
5575:	40	16	25	39	15	24	502283.42764	502283.08687	0.34077	0.10000	0.00000	502283.43203	-0.00440	0.5000
5576:	69	21	48	68	21	47	502287.67202	502287.61512	0.05690	0.10000	0.00000			
5577:	70	27	44	69	27	43	502541.00988	502540.94738	0.06250	0.10000	0.00000	502540.94739	0.06249	0.5000
5578:	70	27	43	69	27	42	502541.00988	502540.94740	0.06248	0.10000	0.00000	502540.94739	0.06249	0.5000
5579:	66	16	50	65	16	49	502852.99746	502853.00794	-0.01048	0.10000	0.00000			
5580:	75	10	66	74	10	65	502912.14040	502912.35053	-0.21013	0.10000	0.00000	502912.35012	-0.20972	0.5000
5581:	75	9	66	74	10	65	502912.14040	502912.34970	-0.20930	0.10000	0.00000	502912.35012	-0.20972	0.5000
5582:	74	11	64	73	11	63	502914.37905	502914.14803	0.23102	0.10000	0.00000	502914.15789	0.22116	0.2500
5583:	74	10	64	73	11	63	502914.37905	502914.12297	0.25608	0.10000	0.00000	502914.15789	0.22116	0.2500
5584:	74	10	64	73	10	63	502914.37905	502914.16776	0.21129	0.10000	0.00000	502914.15789	0.22116	0.2500
5585:	74	11	64	73	10	63	502914.37905	502914.19282	0.18623	0.10000	0.00000	502914.15789	0.22116	0.2500
5586:	76	9	68	75	8	67	503007.23622	503007.18136	0.05486	0.10000	0.00000	503007.18133	0.05489	0.2500
5587:	76	8	68	75	9	67	503007.23622	503007.18130	0.05492	0.10000	0.00000	503007.18133	0.05489	0.2500
5588:	76	9	68	75	9	67	503007.23622	503007.18132	0.05490	0.10000	0.00000	503007.18133	0.05489	0.2500
5589:	76	8	68	75	8	67	503007.23622	503007.18134	0.05488	0.10000	0.00000	503007.18133	0.05489	0.2500
5590:	73	11	62	72	12	61	503060.33757	503061.01828	-0.68071	0.10000	0.00000			
5591:	77	8	70	76	7	69	503167.71723	503167.74087	-0.02364	0.10000	0.00000	503167.74087	-0.02364	0.3333
5592:	77	8	70	76	8	69	503167.71723	503167.74087	-0.02364	0.10000	0.00000	503167.74087	-0.02364	0.3333
5593:	77	7	70	76	7	69	503167.71723	503167.74087	-0.02364	0.10000	0.00000	503167.74087	-0.02364	0.3333
5594:	70	26	45	69	26	44	503370.00273	503369.97217	0.03056	0.10000	0.00000	503369.97232	0.03041	0.5000
5595:	70	26	44	69	26	43	503370.00273	503369.97248	0.03026	0.10000	0.00000	503369.97232	0.03041	0.5000
5596:	78	6	72	77	6	71	503373.55083	503373.57302	-0.02219	0.10000	0.00000	503373.57302	-0.02219	0.2500
5597:	78	6	72	77	7	71	503373.55083	503373.57302	-0.02219	0.10000	0.00000	503373.57302	-0.02219	0.2500
5598:	78	7	72	77	6	71	503373.55083	503373.57302	-0.02219	0.10000	0.00000	503373.57302	-0.02219	0.2500
5599:	78	7	72	77	7	71	503373.55083	503373.57302	-0.02219	0.10000	0.00000	503373.57302	-0.02219	0.2500

5649:	69	16	54	68	16	53	505317.88032	505317.89084	-0.01051	0.10000	0.00000	505413.07793	0.04175 0.5000
5650:	70	24	47	69	24	46	505413.11968	505413.05034	0.06935	0.10000	0.00000	505413.07793	0.04175 0.5000
5651:	70	24	46	69	24	45	505413.11968	505413.10552	0.01416	0.10000	0.00000	505413.07793	0.04175 0.5000
5652:	28	22	7	27	21	6	505471.72988	505471.67773	0.05216	0.10000	0.00000		
5653:	71	35	37	70	35	36	505599.16288	505599.01213	0.15075	0.10000	0.00000	505599.01213	0.15075 0.5000
5654:	71	35	36	70	35	35	505599.16288	505599.01213	0.15075	0.10000	0.00000	505599.01213	0.15075 0.5000
5655:	26	23	3	25	22	4	505615.58531	505615.62675	-0.04144	0.10000	0.00000	505615.48847	0.09684 0.2500
5656:	36	10	27	35	8	28	505615.58531	505615.13385	0.45146	0.10000	0.00000	505615.48847	0.09684 0.2500
5657:	68	18	50	67	18	49	505615.58531	505615.56652	0.01879	0.10000	0.00000	505615.48847	0.09684 0.2500
5658:	26	23	4	25	22	3	505615.58531	505615.62675	-0.04144	0.10000	0.00000	505615.48847	0.09684 0.2500
5659:	24	24	0	23	23	1	505745.90027	505746.05502	-0.15474	0.10000	0.00000	505746.05502	-0.15474 0.5000
5660:	24	24	1	23	23	0	505745.90027	505746.05502	-0.15474	0.10000	0.00000	505746.05502	-0.15474 0.5000
5661:	71	34	37	70	34	36	505985.85620	505985.84612	0.01008	0.10000	0.00000	505985.84612	0.01008 0.5000
5662:	71	34	38	70	34	37	505985.85620	505985.84612	0.01008	0.10000	0.00000	505985.84612	0.01008 0.5000
5663:	70	14	56	69	14	55	506387.72275	506387.55651	0.16625	0.10000	0.00000		
5664:	71	33	38	70	33	37	506405.81700	506405.81603	0.00097	0.10000	0.00000	506405.81603	0.00097 0.5000
5665:	71	33	39	70	33	38	506405.81700	506405.81603	0.00097	0.10000	0.00000	506405.81603	0.00097 0.5000
5666:	43	15	29	42	14	28	506518.53473	506518.68031	-0.04558	0.10000	0.00000		
5667:	43	15	28	42	14	29	506595.98865	506595.82359	0.16506	0.10000	0.00000		
5668:	70	23	48	69	23	47	506699.08955	506698.72397	0.36558	0.10000	0.00000	506699.03455	0.05501 0.5000
5669:	70	23	47	69	23	46	506699.08955	506699.34512	-0.25557	0.10000	0.00000	506699.03455	0.05501 0.5000
5670:	69	19	51	68	19	50	506854.92428	506854.92460	-0.00032	0.10000	0.00000		
5671:	71	32	39	70	32	38	506863.63961	506863.82478	-0.18517	0.10000	0.00000		
5672:	71	31	41	70	31	40	507365.82153	507365.75925	0.06228	0.10000	0.00000		
5673:	71	30	41	70	30	40	507918.81001	507918.76231	0.04770	0.10000	0.00000	507918.76231	0.04770 0.5000
5674:	71	30	42	70	30	41	507918.81001	507918.76231	0.04770	0.10000	0.00000	507918.76231	0.04770 0.5000
5675:	70	22	49	69	22	48	508234.99051	508234.98709	0.00342	0.10000	0.00000		
5676:	70	22	48	69	22	47	508241.23092	508241.12205	0.10887	0.10000	0.00000		
5677:	69	19	50	68	19	49	508282.21191	508282.03549	0.17642	0.10000	0.00000		
5678:	68	15	53	67	15	52	508345.17762	508345.26288	-0.08526	0.10000	0.00000		
5679:	71	29	42	70	29	41	508531.67204	508531.60670	0.06534	0.10000	0.00000	508531.60670	0.06534 0.5000
5680:	71	29	43	70	29	42	508531.67204	508531.60670	0.06534	0.10000	0.00000	508531.60670	0.06534 0.5000
5681:	69	17	53	68	17	52	508757.28037	508757.43755	-0.15719	0.10000	0.00000		
5682:	75	11	65	74	10	64	508833.15352	508833.15431	-0.00079	0.10000	0.00000		
5683:	76	9	67	75	10	66	508845.18215	508845.18648	-0.00433	0.10000	0.00000		
5684:	69	18	52	68	18	51	508866.28511	508866.22469	0.06042	0.10000	0.00000		
5685:	77	9	69	76	9	68	508948.52479	508948.56246	-0.03768	0.10000	0.00000	508948.56247	-0.03768 0.5000
5686:	77	8	69	76	8	68	508948.52479	508948.56247	-0.03769	0.10000	0.00000	508948.56247	-0.03768 0.5000
5687:	74	11	63	73	11	62	508957.64629	508957.86273	-0.21644	0.10000	0.00000	508957.73152	-0.08522 0.2500
5688:	74	11	63	73	12	62	508957.64629	508957.24803	0.39827	0.10000	0.00000	508957.73152	-0.08522 0.2500
5689:	74	12	63	73	12	62	508957.64629	508957.60030	0.04599	0.10000	0.00000	508957.73152	-0.08522 0.2500
5690:	74	12	63	73	11	62	508957.64629	508958.21501	-0.56871	0.10000	0.00000	508957.73152	-0.08522 0.2500
5691:	78	7	71	77	7	70	509114.40839	509114.45411	-0.04572	0.10000	0.00000	509114.45411	-0.04572 0.2500
5692:	78	7	71	77	8	70	509114.40839	509114.45411	-0.04572	0.10000	0.00000	509114.45411	-0.04572 0.2500
5693:	78	8	71	77	7	70	509114.40839	509114.45411	-0.04572	0.10000	0.00000	509114.45411	-0.04572 0.2500
5694:	78	8	71	77	8	70	509114.40839	509114.45411	-0.04572	0.10000	0.00000	509114.45411	-0.04572 0.2500
5695:	71	28	43	70	28	42	509215.18459	509215.22148	-0.03689	0.10000	0.00000		
5696:	73	13	61	72	13	60	509293.12899	509293.09814	0.03085	0.10000	0.00000		
5697:	73	12	61	72	12	60	509298.29652	509298.06213	0.23439	0.10000	0.00000		

5698:	79	7	73	78	6	72	509323.58303	509323.61348	-0.03045	0.10000	0.00000	509323.61348	-0.03045	0.3333
5699:	79	7	73	78	7	72	509323.58303	509323.61348	-0.03045	0.10000	0.00000	509323.61348	-0.03045	0.3333
5700:	79	6	73	78	7	72	509323.58303	509323.61348	-0.03045	0.10000	0.00000	509323.61348	-0.03045	0.3333
5701:	80	6	75	79	6	74	509562.53826	509562.69326	-0.15500	0.10000	0.00000	509562.69326	-0.15500	0.2500
5702:	80	5	75	79	5	74	509562.53826	509562.69326	-0.15500	0.10000	0.00000	509562.69326	-0.15500	0.2500
5703:	80	5	75	79	6	74	509562.53826	509562.69326	-0.15500	0.10000	0.00000	509562.69326	-0.15500	0.2500
5704:	80	6	75	79	5	74	509562.53826	509562.69326	-0.15500	0.10000	0.00000	509562.69326	-0.15500	0.2500
5705:	81	5	77	80	4	76	509822.07737	509822.17157	-0.09421	0.10000	0.00000	509822.17157	-0.09421	0.3333
5706:	81	5	77	80	5	76	509822.07737	509822.17157	-0.09421	0.10000	0.00000	509822.17157	-0.09421	0.3333
5707:	81	4	77	80	4	76	509822.07737	509822.17157	-0.09421	0.10000	0.00000	509822.17157	-0.09421	0.3333
5708:	72	14	59	71	14	58	509954.70067	509954.79662	-0.09595	0.10000	0.00000	509954.79662	-0.09595	0.2500
5709:	71	27	45	70	27	44	509983.73108	509983.45477	0.27631	0.10000	0.00000	509983.45477	0.27631	0.5000
5710:	71	27	44	70	27	43	509983.73108	509983.45481	0.27627	0.10000	0.00000	509983.45479	0.27629	0.5000
5711:	72	13	59	71	13	58	510028.16767	510028.10940	0.05827	0.10000	0.00000	510028.10940	0.05827	0.2500
5712:	82	3	79	81	4	78	510095.04472	510095.10217	-0.05745	0.10000	0.00000	510095.10217	-0.05745	0.2500
5713:	82	4	79	81	3	78	510095.04472	510095.10217	-0.05745	0.10000	0.00000	510095.10217	-0.05745	0.2500
5714:	82	4	79	81	4	78	510095.04472	510095.10217	-0.05745	0.10000	0.00000	510095.10217	-0.05745	0.2500
5715:	82	3	79	81	3	78	510095.04472	510095.10217	-0.05745	0.10000	0.00000	510095.10217	-0.05745	0.2500
5716:	70	21	50	69	21	49	510105.13677	510105.15413	-0.01737	0.10000	0.00000	510105.15413	-0.01737	0.2500
5717:	70	21	49	69	21	48	510157.50489	510157.48804	0.01685	0.10000	0.00000	510157.48804	0.01685	0.2500
5718:	94	4	91	94	2	92	510368.05899	510367.91196	0.14703	0.10000	0.00000	510367.95323	0.10575	0.1667
5719:	94	4	91	94	3	92	510368.05899	510367.91196	0.14703	0.10000	0.00000	510367.95323	0.10575	0.1667
5720:	39	17	23	38	16	22	510368.05899	510368.02749	0.03150	0.10000	0.00000	510367.95323	0.10575	0.1667
5721:	39	17	22	38	16	23	510368.05899	510368.04409	0.01490	0.10000	0.00000	510367.95323	0.10575	0.1667
5722:	94	3	91	94	2	92	510368.05899	510367.91196	0.14703	0.10000	0.00000	510367.95323	0.10575	0.1667
5723:	94	3	91	94	3	92	510368.05899	510367.91196	0.14703	0.10000	0.00000	510367.95323	0.10575	0.1667
5724:	83	2	81	82	2	80	510376.29451	510376.32634	-0.03183	0.10000	0.00000	510376.32634	-0.03183	0.3333
5725:	83	2	81	82	3	80	510376.29451	510376.32634	-0.03183	0.10000	0.00000	510376.32634	-0.03183	0.3333
5726:	83	3	81	82	2	80	510376.29451	510376.32634	-0.03183	0.10000	0.00000	510376.32634	-0.03183	0.3333
5727:	84	2	83	83	1	82	510661.93040	510661.95677	-0.02637	0.10000	0.00000	510661.83804	0.09236	0.2500
5728:	84	2	83	83	2	82	510661.93040	510661.95677	-0.02637	0.10000	0.00000	510661.83804	0.09236	0.2500
5729:	45	9	36	45	7	39	510661.93040	510661.48184	0.44856	0.10000	0.00000	510661.83804	0.09236	0.2500
5730:	84	1	83	83	2	82	510661.93040	510661.95677	-0.02637	0.10000	0.00000	510661.83804	0.09236	0.2500
5731:	72	42	31	71	42	30	510713.32775	510713.63123	-0.30347	0.10000	0.00000	510713.63123	-0.30347	0.5000
5732:	72	42	30	71	42	29	510713.32775	510713.63123	-0.30347	0.10000	0.00000	510713.63123	-0.30347	0.5000
5733:	67	16	51	66	16	50	510822.42495	510822.44803	-0.02308	0.10000	0.00000	510822.44803	-0.02308	0.2500
5734:	71	26	45	70	26	44	510854.27319	510854.21766	0.05553	0.10000	0.00000	510854.21734	0.05584	0.5000
5735:	71	26	46	70	26	45	510854.27319	510854.21703	0.05616	0.10000	0.00000	510854.21734	0.05584	0.5000
5736:	85	0	85	84	1	84	510948.99959	510949.02899	-0.02940	0.10000	0.00000	510949.02899	-0.02940	0.2500
5737:	85	1	85	84	0	84	510948.99959	510949.02899	-0.02940	0.10000	0.00000	510949.02899	-0.02940	0.2500
5738:	85	1	85	84	1	84	510948.99959	510949.02899	-0.02940	0.10000	0.00000	510949.02899	-0.02940	0.2500
5739:	85	0	85	84	0	84	510948.99959	510949.02899	-0.02940	0.10000	0.00000	510949.02899	-0.02940	0.2500
5740:	72	41	31	71	41	30	510964.62117	510964.85243	-0.23126	0.10000	0.00000	510964.85243	-0.23126	0.2500
5741:	71	15	57	70	15	56	510977.13757	510977.12314	0.01443	0.10000	0.00000	510977.12314	0.01443	0.2500
5742:	37	18	19	36	17	20	511213.26497	511213.36052	-0.09555	0.10000	0.00000	511213.36046	-0.09550	0.5000
5743:	37	18	20	36	17	19	511213.26497	511213.36041	-0.09544	0.10000	0.00000	511213.36046	-0.09550	0.5000
5744:	70	16	55	69	16	54	511500.45160	511500.45785	-0.00625	0.10000	0.00000	511500.45785	-0.00625	0.2500
5745:	72	39	34	71	39	33	511513.69908	511513.60672	0.09236	0.10000	0.00000	511513.60672	0.09236	0.5000
5746:	72	39	33	71	39	32	511513.69908	511513.60672	0.09236	0.10000	0.00000	511513.60672	0.09236	0.5000

5747:	35	19	17	34	18	16	511746.97594	511747.02378	-0.04784	0.10000	0.00000	511747.02378	-0.04784	0.5000
5748:	35	19	16	34	18	17	511746.97594	511747.02378	-0.04784	0.10000	0.00000	511747.02378	-0.04784	0.5000
5749:	71	14	57	70	14	56	511780.65524	511780.61251	0.04274	0.10000	0.00000			
5750:	71	25	47	70	25	46	511851.32387	511851.26516	0.05871	0.10000	0.00000	511851.26948	0.05439	0.5000
5751:	71	25	46	70	25	45	511851.32387	511851.27379	0.05008	0.10000	0.00000	511851.26948	0.05439	0.5000
5752:	33	20	13	32	19	14	512098.75503	512098.85662	-0.10159	0.10000	0.00000	512098.85662	-0.10159	0.5000
5753:	33	20	14	32	19	13	512098.75503	512098.85662	-0.10159	0.10000	0.00000	512098.85662	-0.10159	0.5000
5754:	72	37	35	71	37	34	512137.11622	512137.17154	-0.05531	0.10000	0.00000	512137.17154	-0.05531	0.5000
5755:	72	37	36	71	37	35	512137.11622	512137.17154	-0.05531	0.10000	0.00000	512137.17154	-0.05531	0.5000
5756:	31	21	10	30	20	11	512344.30250	512344.29594	0.00656	0.10000	0.00000	512344.29594	0.00656	0.5000
5757:	31	21	11	30	20	10	512344.30250	512344.29594	0.00656	0.10000	0.00000	512344.29594	0.00656	0.5000
5758:	70	20	51	69	20	50	512375.80589	512375.83969	-0.03380	0.10000	0.00000			
5759:	72	36	37	71	36	36	512483.05727	512483.06851	-0.01124	0.10000	0.00000	512483.06851	-0.01124	0.5000
5760:	72	36	36	71	36	35	512483.05727	512483.06851	-0.01124	0.10000	0.00000	512483.06851	-0.01124	0.5000
5761:	29	22	7	28	21	8	512528.49990	512528.53276	-0.03286	0.10000	0.00000	512528.53276	-0.03286	0.5000
5762:	29	22	8	28	21	7	512528.49990	512528.53276	-0.03286	0.10000	0.00000	512528.53276	-0.03286	0.5000
5763:	27	23	4	26	22	5	512678.91705	512679.00083	-0.08378	0.10000	0.00000	512679.00083	-0.08378	0.5000
5764:	27	23	5	26	22	4	512678.91705	512679.00083	-0.08378	0.10000	0.00000	512679.00083	-0.08378	0.5000
5765:	69	15	54	68	15	53	512695.92411	512695.95037	-0.02627	0.10000	0.00000			
5766:	70	20	50	69	20	49	512751.94317	512751.63217	0.31100	0.10000	0.00000			
5767:	25	24	1	24	23	2	512812.48353	512812.33240	0.15114	0.10000	0.00000	512812.33240	0.15114	0.5000
5768:	25	24	2	24	23	1	512812.48353	512812.33240	0.15114	0.10000	0.00000	512812.33240	0.15114	0.5000
5769:	72	35	37	71	35	36	512855.73134	512855.74169	-0.01035	0.10000	0.00000	512855.74169	-0.01035	0.5000
5770:	72	35	38	71	35	37	512855.73134	512855.74169	-0.01035	0.10000	0.00000	512855.74169	-0.01035	0.5000
5771:	44	15	29	43	14	30	512963.78582	512963.80922	-0.02341	0.10000	0.00000			
5772:	71	24	47	70	24	46	513007.23347	513007.21592	0.01755	0.10000	0.00000	513007.16325	0.07022	0.5000
5773:	71	24	48	70	24	47	513007.23347	513007.11058	0.12290	0.10000	0.00000	513007.16325	0.07022	0.5000
5774:	72	34	39	71	34	38	513258.98152	513258.87011	0.11141	0.10000	0.00000	513258.87011	0.11141	0.5000
5775:	72	34	38	71	34	37	513258.98152	513258.87011	0.11141	0.10000	0.00000	513258.87011	0.11141	0.5000
5776:	72	33	40	71	33	39	513696.88410	513696.80171	0.08238	0.10000	0.00000	513696.80171	0.08238	0.5000
5777:	72	33	39	71	33	38	513696.88410	513696.80171	0.08238	0.10000	0.00000	513696.80171	0.08238	0.5000
5778:	72	32	41	71	32	40	514174.77407	514174.71802	0.05605	0.10000	0.00000	514174.71802	0.05605	0.5000
5779:	72	32	40	71	32	39	514174.77407	514174.71802	0.05605	0.10000	0.00000	514174.71802	0.05605	0.5000
5780:	71	23	48	70	23	47	514368.45219	514368.99194	-0.53975	0.10000	0.00000	514368.42228	0.02990	0.5000
5781:	71	23	49	70	23	48	514368.45219	514367.85263	0.59956	0.10000	0.00000	514368.42228	0.02990	0.5000
5782:	72	31	41	71	31	40	514698.88477	514698.85262	0.03216	0.10000	0.00000	514698.85262	0.03216	0.5000
5783:	72	31	42	71	31	41	514698.88477	514698.85262	0.03216	0.10000	0.00000	514698.85262	0.03216	0.5000
5784:	76	10	66	75	11	65	514753.35955	514753.34577	0.01378	0.10000	0.00000	514753.35663	0.00291	0.2500
5785:	76	11	66	75	10	65	514753.35955	514753.36750	-0.00795	0.10000	0.00000	514753.35663	0.00291	0.2500
5786:	76	10	66	75	10	65	514753.35955	514753.35974	-0.00019	0.10000	0.00000	514753.35663	0.00291	0.2500
5787:	76	11	66	75	11	65	514753.35955	514753.35353	0.00602	0.10000	0.00000	514753.35663	0.00291	0.2500
5788:	77	9	68	76	10	67	514778.33079	514778.33722	-0.00642	0.10000	0.00000	514778.33756	-0.00677	0.2500
5789:	77	10	68	76	10	67	514778.33079	514778.33746	-0.00667	0.10000	0.00000	514778.33756	-0.00677	0.2500
5790:	77	9	68	76	9	67	514778.33079	514778.33767	-0.00687	0.10000	0.00000	514778.33756	-0.00677	0.2500
5791:	77	10	68	76	9	67	514778.33079	514778.33791	-0.00712	0.10000	0.00000	514778.33756	-0.00677	0.2500
5792:	75	12	64	74	11	63	514856.47756	514856.90612	-0.42857	0.10000	0.00000	514856.62946	-0.15190	0.2500
5793:	75	11	64	74	11	63	514856.47756	514856.70506	-0.22750	0.10000	0.00000	514856.62946	-0.15190	0.2500
5794:	75	12	64	74	12	63	514856.47756	514856.55385	-0.07629	0.10000	0.00000	514856.62946	-0.15190	0.2500
5795:	75	11	64	74	12	63	514856.47756	514856.35279	0.12477	0.10000	0.00000	514856.62946	-0.15190	0.2500

5796:	70	19	52	69	19	51	514858.77605	514858.60454	0.17150	0.10000	0.00000	514889.74784	-0.10427	0.3333
5797:	78	9	70	77	8	69	514889.64358	514889.74785	-0.10427	0.10000	0.00000	514889.74784	-0.10427	0.3333
5798:	78	8	70	77	8	69	514889.64358	514889.74784	-0.10427	0.10000	0.00000	514889.74784	-0.10427	0.3333
5799:	78	9	70	77	9	69	514889.64358	514889.74784	-0.10426	0.10000	0.00000	514889.74784	-0.10427	0.3333
5800:	68	17	51	67	17	50	514933.03116	514933.03044	0.00072	0.10000	0.00000			
5801:	79	8	72	78	8	71	515060.65429	515060.68553	-0.03124	0.10000	0.00000	515060.68553	-0.03124	0.2500
5802:	79	8	72	78	7	71	515060.65429	515060.68553	-0.03124	0.10000	0.00000	515060.68553	-0.03124	0.2500
5803:	79	7	72	78	8	71	515060.65429	515060.68553	-0.03124	0.10000	0.00000	515060.68553	-0.03124	0.2500
5804:	79	7	72	78	7	71	515060.65429	515060.68553	-0.03124	0.10000	0.00000	515060.68553	-0.03124	0.2500
5805:	74	13	62	73	13	61	515156.24730	515156.16967	0.07763	0.10000	0.00000			
5806:	74	12	62	73	12	61	515159.16154	515159.12805	0.03348	0.10000	0.00000			
5807:	69	18	51	68	18	50	515208.59157	515208.55649	0.03508	0.10000	0.00000			
5808:	80	6	74	79	6	73	515272.96639	515273.01089	-0.04450	0.10000	0.00000	515273.01089	-0.04450	0.2500
5809:	80	6	74	79	7	73	515272.96639	515273.01089	-0.04450	0.10000	0.00000	515273.01089	-0.04450	0.2500
5810:	80	7	74	79	7	73	515272.96639	515273.01089	-0.04450	0.10000	0.00000	515273.01089	-0.04450	0.2500
5811:	80	7	74	79	6	73	515272.96639	515273.01089	-0.04450	0.10000	0.00000	515273.01089	-0.04450	0.2500
5812:	72	30	43	71	30	42	515276.76286	515276.78682	-0.02395	0.10000	0.00000	515276.78682	-0.02395	0.5000
5813:	72	30	42	71	30	41	515276.76286	515276.78682	-0.02395	0.10000	0.00000	515276.78682	-0.02395	0.5000
5814:	81	5	76	80	5	75	515514.09371	515514.05414	0.03957	0.10000	0.00000	515514.05414	0.03957	0.5000
5815:	81	6	76	80	5	75	515514.09371	515514.05414	0.03957	0.10000	0.00000	515514.05414	0.03957	0.5000
5816:	42	16	27	41	15	26	515618.85517	515618.89369	-0.03852	0.10000	0.00000			
5817:	42	16	26	41	15	27	515622.39680	515621.98228	0.41452	0.10000	0.00000			
5818:	70	17	54	69	17	53	515698.04122	515698.03701	0.00421	0.10000	0.00000			
5819:	73	14	60	72	14	59	515761.29867	515761.45794	-0.15927	0.10000	0.00000			
5820:	82	4	78	81	4	77	515774.70090	515774.72240	-0.02150	0.10000	0.00000	515774.72240	-0.02150	0.2500
5821:	82	4	78	81	5	77	515774.70090	515774.72240	-0.02150	0.10000	0.00000	515774.72240	-0.02150	0.2500
5822:	82	5	78	81	4	77	515774.70090	515774.72240	-0.02150	0.10000	0.00000	515774.72240	-0.02150	0.2500
5823:	82	5	78	81	5	77	515774.70090	515774.72240	-0.02150	0.10000	0.00000	515774.72240	-0.02150	0.2500
5824:	73	13	60	72	13	59	515806.96653	515806.99765	-0.03112	0.10000	0.00000			
5825:	72	29	43	71	29	42	515917.86224	515917.85812	0.00412	0.10000	0.00000			
5826:	71	22	50	70	22	49	516000.17837	516000.13847	0.03990	0.10000	0.00000			
5827:	71	22	49	70	22	48	516011.01368	516010.92582	0.08786	0.10000	0.00000			
5828:	83	3	80	82	4	79	516048.34567	516048.34821	-0.00254	0.10000	0.00000	516048.34821	-0.00254	0.2500
5829:	83	4	80	82	3	79	516048.34567	516048.34821	-0.00254	0.10000	0.00000	516048.34821	-0.00254	0.2500
5830:	83	4	80	82	4	79	516048.34567	516048.34821	-0.00254	0.10000	0.00000	516048.34821	-0.00254	0.2500
5831:	83	3	80	82	3	79	516048.34567	516048.34821	-0.00254	0.10000	0.00000	516048.34821	-0.00254	0.2500
5832:	47	14	33	46	13	34	516103.20495	516102.93006	0.27489	0.10000	0.00000			
5833:	84	3	82	83	3	81	516329.90105	516329.95740	-0.05635	0.10000	0.00000	516329.95740	-0.05635	0.2500
5834:	84	2	82	83	2	81	516329.90105	516329.95740	-0.05635	0.10000	0.00000	516329.95740	-0.05635	0.2500
5835:	84	2	82	83	3	81	516329.90105	516329.95740	-0.05635	0.10000	0.00000	516329.95740	-0.05635	0.2500
5836:	84	3	82	83	2	81	516329.90105	516329.95740	-0.05635	0.10000	0.00000	516329.95740	-0.05635	0.2500
5837:	70	18	53	69	18	52	516555.26306	516555.20260	0.06046	0.10000	0.00000			
5838:	85	1	84	84	1	83	516615.76642	516615.78628	-0.01986	0.10000	0.00000	516615.78628	-0.01986	0.2500
5839:	85	1	84	84	2	83	516615.76642	516615.78628	-0.01986	0.10000	0.00000	516615.78628	-0.01986	0.2500
5840:	85	2	84	84	1	83	516615.76642	516615.78628	-0.01986	0.10000	0.00000	516615.78628	-0.01986	0.2500
5841:	85	2	84	84	2	83	516615.76642	516615.78628	-0.01986	0.10000	0.00000	516615.78628	-0.01986	0.2500
5842:	72	28	44	71	28	43	516633.84676	516633.73920	0.10755	0.10000	0.00000	516633.73920	0.10755	0.5000
5843:	72	28	45	71	28	44	516633.84676	516633.73920	0.10756	0.10000	0.00000	516633.73920	0.10755	0.5000
5844:	72	15	58	71	15	57	516752.57524	516752.83628	-0.26104	0.10000	0.00000			

5845:	86	0	86	85	0	85	516902.92215	516902.95373	-0.03158	0.10000	0.00000	516902.95373	-0.03158	0.2500
5846:	86	0	86	85	1	85	516902.92215	516902.95373	-0.03158	0.10000	0.00000	516902.95373	-0.03158	0.2500
5847:	86	1	86	85	0	85	516902.92215	516902.95373	-0.03158	0.10000	0.00000	516902.95373	-0.03158	0.2500
5848:	86	1	86	85	1	85	516902.92215	516902.95373	-0.03158	0.10000	0.00000	516902.95373	-0.03158	0.2500
5849:	70	19	51	69	19	50	517013.59970	517013.44071	0.15900	0.10000	0.00000	517013.52068	0.07902	0.5000
5850:	24	10	15	23	7	16	517013.59970	517013.60065	-0.00095	0.10000	0.00000	517013.52068	0.07902	0.5000
5851:	70	15	55	69	15	54	517088.37142	517088.45674	-0.08533	0.10000	0.00000			
5852:	40	17	24	39	16	23	517183.07392	517183.13327	-0.05935	0.10000	0.00000	517183.15274	-0.07881	0.5000
5853:	40	17	23	39	16	24	517183.07392	517183.17220	-0.09827	0.10000	0.00000	517183.15274	-0.07881	0.5000
5854:	72	14	58	71	14	57	517281.19294	517281.19167	0.00127	0.10000	0.00000			
5855:	72	27	45	71	27	44	517439.30602	517439.28323	0.02279	0.10000	0.00000	517439.28319	0.02283	0.5000
5856:	72	27	46	71	27	45	517439.30602	517439.28314	0.02288	0.10000	0.00000	517439.28319	0.02283	0.5000
5857:	71	16	56	70	16	55	517553.12914	517553.05917	0.06997	0.10000	0.00000			
5858:	68	16	52	67	16	51	517965.53468	517965.55140	-0.01672	0.10000	0.00000			
5859:	71	21	51	70	21	50	517991.08985	517991.03967	0.05018	0.10000	0.00000			
5860:	71	21	50	70	21	49	518078.96843	518078.90652	0.06191	0.10000	0.00000			
5861:	38	18	21	37	17	20	518128.92225	518128.88802	0.03423	0.10000	0.00000	518128.88817	0.03408	0.5000
5862:	38	18	20	37	17	21	518128.92225	518128.88831	0.03394	0.10000	0.00000	518128.88817	0.03408	0.5000
5863:	73	41	33	72	41	32	518151.93878	518152.25609	-0.31731	0.10000	0.00000	518152.25609	-0.31731	0.5000
5864:	73	41	32	72	41	31	518151.93878	518152.25609	-0.31731	0.10000	0.00000	518152.25609	-0.31731	0.5000
5865:	72	26	46	71	26	45	518353.89418	518353.80343	0.09074	0.10000	0.00000	518353.80279	0.09139	0.5000
5866:	72	26	47	71	26	46	518353.89418	518353.80215	0.09203	0.10000	0.00000	518353.80279	0.09139	0.5000
5867:	73	40	34	72	40	33	518428.31545	518428.53671	-0.22126	0.10000	0.00000	518428.53671	-0.22126	0.5000
5868:	73	40	33	72	40	32	518428.31545	518428.53671	-0.22126	0.10000	0.00000	518428.53671	-0.22126	0.5000
5869:	73	39	34	72	39	33	518721.87901	518722.21452	-0.33552	0.10000	0.00000	518722.21452	-0.33552	0.5000
5870:	73	39	35	72	39	34	518721.87901	518722.21452	-0.33552	0.10000	0.00000	518722.21452	-0.33552	0.5000
5871:	36	19	18	35	18	17	518724.32478	518724.30204	0.02274	0.10000	0.00000	518724.30204	0.02274	0.5000
5872:	36	19	17	35	18	18	518724.32478	518724.30204	0.02274	0.10000	0.00000	518724.30204	0.02274	0.5000
5873:	45	15	31	44	14	30	519000.47162	519000.36416	0.10746	0.10000	0.00000			
5874:	34	20	14	33	19	15	519114.56005	519114.51533	0.04471	0.10000	0.00000	519114.51533	0.04471	0.5000
5875:	34	20	15	33	19	14	519114.56005	519114.51533	0.04471	0.10000	0.00000	519114.51533	0.04471	0.5000
5876:	45	15	30	44	14	31	519266.03304	519266.05399	-0.02095	0.10000	0.00000			
5877:	73	37	36	72	37	35	519370.47089	519370.54696	-0.07608	0.10000	0.00000			
5878:	32	21	11	31	20	12	519383.44674	519383.58337	-0.13664	0.10000	0.00000	519383.58337	-0.13664	0.5000
5879:	32	21	12	31	20	11	519383.44674	519383.58337	-0.13664	0.10000	0.00000	519383.58337	-0.13664	0.5000
5880:	72	25	48	71	25	47	519403.20111	519403.08423	0.11689	0.10000	0.00000	519403.09268	0.10844	0.5000
5881:	72	25	47	71	25	46	519403.20111	519403.10112	0.09999	0.10000	0.00000	519403.09268	0.10844	0.5000
5882:	30	22	9	29	21	8	519581.91870	519581.91808	0.00062	0.10000	0.00000	519581.91808	0.00062	0.5000
5883:	30	22	8	29	21	9	519581.91870	519581.91808	0.00062	0.10000	0.00000	519581.91808	0.00062	0.5000
5884:	73	36	37	72	36	36	519730.45674	519730.46922	-0.01247	0.10000	0.00000			
5885:	28	23	6	27	22	5	519740.28016	519740.27069	0.00947	0.10000	0.00000	519740.27069	0.00947	0.5000
5886:	28	23	5	27	22	6	519740.28016	519740.27069	0.00947	0.10000	0.00000	519740.27069	0.00947	0.5000
5887:	26	24	3	25	23	2	519877.58556	519877.44984	0.13572	0.10000	0.00000	519877.44984	0.13572	0.5000
5888:	26	24	2	25	23	3	519877.58556	519877.44984	0.13572	0.10000	0.00000	519877.44984	0.13572	0.5000
5889:	73	35	39	72	35	38	520118.49050	520118.47132	0.01918	0.10000	0.00000	520118.47132	0.01918	0.5000
5890:	73	35	38	72	35	37	520118.49050	520118.47132	0.01918	0.10000	0.00000	520118.47132	0.01918	0.5000
5891:	71	20	52	70	20	51	520379.62857	520379.59457	0.03400	0.10000	0.00000			
5892:	73	34	39	72	34	38	520538.17561	520538.42911	-0.25350	0.10000	0.00000	520538.42911	-0.25350	0.5000
5893:	73	34	40	72	34	39	520538.17561	520538.42911	-0.25350	0.10000	0.00000	520538.42911	-0.25350	0.5000

5894:	72	24	48	71	24	47	520622.82934	520622.90757	-0.07823	0.10000	0.00000	520622.80831	0.02103	0.5000
5895:	72	24	49	71	24	48	520622.82934	520622.70905	0.12029	0.10000	0.00000	520622.80831	0.02103	0.5000
5896:	77	11	67	76	10	66	520674.63355	520674.64894	-0.01539	0.10000	0.00000	520674.64348	-0.00994	0.3333
5897:	77	10	67	76	11	66	520674.63355	520674.63688	-0.00333	0.10000	0.00000	520674.64348	-0.00994	0.3333
5898:	77	10	67	76	10	66	520674.63355	520674.64464	-0.01109	0.10000	0.00000	520674.64348	-0.00994	0.3333
5899:	78	10	69	77	10	68	520711.67269	520711.70716	-0.03447	0.10000	0.00000	520711.70722	-0.03453	0.2500
5900:	78	9	69	77	9	68	520711.67269	520711.70727	-0.03458	0.10000	0.00000	520711.70722	-0.03453	0.2500
5901:	78	10	69	77	9	68	520711.67269	520711.70741	-0.03471	0.10000	0.00000	520711.70722	-0.03453	0.2500
5902:	78	9	69	77	10	68	520711.67269	520711.70703	-0.03434	0.10000	0.00000	520711.70722	-0.03453	0.2500
5903:	76	12	65	75	12	64	520758.17635	520758.14145	0.03490	0.10000	0.00000	520758.18483	-0.00848	0.2500
5904:	76	11	65	75	11	64	520758.17635	520758.22820	-0.05186	0.10000	0.00000	520758.18483	-0.00848	0.2500
5905:	76	12	65	75	11	64	520758.17635	520758.34251	-0.16616	0.10000	0.00000	520758.18483	-0.00848	0.2500
5906:	76	11	65	75	12	64	520758.17635	520758.02714	0.14920	0.10000	0.00000	520758.18483	-0.00848	0.2500
5907:	79	8	71	78	9	70	520830.67436	520830.68428	-0.00992	0.10000	0.00000	520830.68429	-0.00993	0.2500
5908:	79	9	71	78	8	70	520830.67436	520830.68429	-0.00993	0.10000	0.00000	520830.68429	-0.00993	0.2500
5909:	79	9	71	78	9	70	520830.67436	520830.68429	-0.00993	0.10000	0.00000	520830.68429	-0.00993	0.2500
5910:	79	8	71	78	8	70	520830.67436	520830.68429	-0.00993	0.10000	0.00000	520830.68429	-0.00993	0.2500
5911:	71	20	51	70	20	50	520977.37242	520977.31516	0.05727	0.10000	0.00000	520977.31516	0.05727	0.10000
5912:	73	33	41	72	33	40	520994.94272	520994.92992	0.01280	0.10000	0.00000	520994.92992	0.01280	0.10000
5913:	80	7	73	79	7	72	521006.37970	521006.40332	-0.02362	0.10000	0.00000	521006.40332	-0.02362	0.2500
5914:	80	7	73	79	8	72	521006.37970	521006.40332	-0.02362	0.10000	0.00000	521006.40332	-0.02362	0.2500
5915:	80	8	73	79	7	72	521006.37970	521006.40332	-0.02362	0.10000	0.00000	521006.40332	-0.02362	0.2500
5916:	80	8	73	79	8	72	521006.37970	521006.40332	-0.02362	0.10000	0.00000	521006.40332	-0.02362	0.2500
5917:	75	12	63	74	13	62	521022.20495	521022.26264	-0.05769	0.10000	0.00000	521022.26264	-0.05769	0.10000
5918:	75	13	63	74	13	62	521024.61188	521024.74084	-0.12896	0.10000	0.00000	521024.74084	-0.12896	0.10000
5919:	75	12	63	74	12	62	521026.76957	521026.49412	0.27545	0.10000	0.00000	521026.49412	0.27545	0.10000
5920:	81	6	75	80	6	74	521221.74440	521221.74453	-0.00014	0.10000	0.00000	521221.74453	-0.00014	0.2500
5921:	81	6	75	80	7	74	521221.74440	521221.74453	-0.00014	0.10000	0.00000	521221.74453	-0.00014	0.2500
5922:	81	7	75	80	6	74	521221.74440	521221.74453	-0.00014	0.10000	0.00000	521221.74453	-0.00014	0.2500
5923:	81	7	75	80	7	74	521221.74440	521221.74453	-0.00014	0.10000	0.00000	521221.74453	-0.00014	0.2500
5924:	82	5	77	81	5	76	521464.63403	521464.66732	-0.03328	0.10000	0.00000	521464.66732	-0.03328	0.2500
5925:	82	6	77	81	5	76	521464.63403	521464.66732	-0.03328	0.10000	0.00000	521464.66732	-0.03328	0.2500
5926:	82	5	77	81	6	76	521464.63403	521464.66732	-0.03328	0.10000	0.00000	521464.66732	-0.03328	0.2500
5927:	82	6	77	81	6	76	521464.63403	521464.66732	-0.03328	0.10000	0.00000	521464.66732	-0.03328	0.2500
5928:	73	32	42	72	32	41	521492.95328	521493.45004	-0.49676	0.10000	0.00000	521493.45004	-0.49676	0.5000
5929:	73	32	41	72	32	40	521492.95328	521493.45004	-0.49676	0.10000	0.00000	521493.45004	-0.49676	0.5000
5930:	74	14	61	73	14	60	521576.44264	521576.47993	-0.03729	0.10000	0.00000	521576.47993	-0.03729	0.10000
5931:	74	13	61	73	13	60	521604.64939	521604.55382	0.09556	0.10000	0.00000	521604.55382	0.09556	0.10000
5932:	71	15	56	70	15	55	521644.71295	521644.67768	0.03527	0.10000	0.00000	521644.67768	0.03527	0.10000
5933:	83	5	79	82	4	78	521726.45816	521726.48022	-0.02206	0.10000	0.00000	521726.48022	-0.02206	0.3333
5934:	83	5	79	82	5	78	521726.45816	521726.48022	-0.02206	0.10000	0.00000	521726.48022	-0.02206	0.3333
5935:	83	4	79	82	4	78	521726.45816	521726.48022	-0.02206	0.10000	0.00000	521726.48022	-0.02206	0.3333
5936:	73	14	59	72	15	58	521925.86109	521926.23692	-0.35583	0.10000	0.00000	521926.23692	-0.35583	0.10000
5937:	84	4	81	83	3	80	522000.77101	522000.77835	-0.00735	0.10000	0.00000	522000.77835	-0.00735	0.2500
5938:	84	4	81	83	4	80	522000.77101	522000.77835	-0.00735	0.10000	0.00000	522000.77835	-0.00735	0.2500
5939:	84	3	81	83	3	80	522000.77101	522000.77835	-0.00735	0.10000	0.00000	522000.77835	-0.00735	0.2500
5940:	84	3	81	83	4	80	522000.77101	522000.77835	-0.00735	0.10000	0.00000	522000.77835	-0.00735	0.2500
5941:	73	31	42	72	31	41	522040.63120	522040.59135	0.03986	0.10000	0.00000	522040.59135	0.03986	0.5000
5942:	73	31	43	72	31	42	522040.63120	522040.59135	0.03986	0.10000	0.00000	522040.59135	0.03986	0.5000

5943:	72	23	50	71	23	49	522063.41902	522063.50057	-0.08155	0.10000	0.00000								
5944:	72	23	49	71	23	48	522065.72901	522065.56348	0.16553	0.10000	0.00000								
5945:	43	16	28	42	15	27	522212.70011	522212.69998	0.00013	0.10000	0.00000								
5946:	85	2	83	84	3	82	522282.73312	522282.76232	-0.02920	0.10000	0.00000	522282.76232						-0.02920	0.2500
5947:	85	3	83	84	3	82	522282.73312	522282.76232	-0.02920	0.10000	0.00000	522282.76232						-0.02920	0.2500
5948:	85	3	83	84	2	82	522282.73312	522282.76232	-0.02920	0.10000	0.00000	522282.76232						-0.02920	0.2500
5949:	85	2	83	84	2	82	522282.73312	522282.76232	-0.02920	0.10000	0.00000	522282.76232						-0.02920	0.2500
5950:	71	17	55	70	17	54	522434.12379	522434.09573	0.02806	0.10000	0.00000								
5951:	73	15	59	72	15	58	522519.98535	522519.95457	0.03079	0.10000	0.00000								
5952:	86	1	85	85	2	84	522568.81986	522568.78612	0.03374	0.10000	0.00000	522568.78612						0.03374	0.2500
5953:	86	2	85	85	1	84	522568.81986	522568.78612	0.03374	0.10000	0.00000	522568.78612						0.03374	0.2500
5954:	86	2	85	85	2	84	522568.81986	522568.78612	0.03374	0.10000	0.00000	522568.78612						0.03374	0.2500
5955:	86	1	85	85	1	84	522568.81986	522568.78612	0.03374	0.10000	0.00000	522568.78612						0.03374	0.2500
5956:	73	30	43	72	30	42	522644.46456	522644.40285	0.06171	0.10000	0.00000	522644.40285						0.06171	0.5000
5957:	73	30	44	72	30	43	522644.46456	522644.40285	0.06171	0.10000	0.00000	522644.40285						0.06171	0.5000
5958:	71	19	53	70	19	52	522834.37281	522834.36913	0.00368	0.10000	0.00000								
5959:	87	0	87	86	0	86	522855.99231	522856.04829	-0.05599	0.10000	0.00000	522856.04829						-0.05599	0.2500
5960:	87	0	87	86	1	86	522855.99231	522856.04829	-0.05599	0.10000	0.00000	522856.04829						-0.05599	0.2500
5961:	87	1	87	86	1	86	522855.99231	522856.04829	-0.05599	0.10000	0.00000	522856.04829						-0.05599	0.2500
5962:	87	1	87	86	0	86	522855.99231	522856.04829	-0.05599	0.10000	0.00000	522856.04829						-0.05599	0.2500
5963:	73	14	59	72	14	58	522863.20387	522863.23378	-0.02991	0.10000	0.00000								
5964:	73	29	44	72	29	44	523314.87714	523314.82763	0.04951	0.10000	0.00000	523314.82763						0.04951	0.5000
5965:	73	29	45	72	29	43	523314.87714	523314.82763	0.04951	0.10000	0.00000	523314.82763						0.04951	0.5000
5966:	72	16	57	71	16	56	523501.95515	523501.91390	0.04126	0.10000	0.00000								
5967:	72	22	51	71	22	50	523798.52537	523798.44182	0.08354	0.10000	0.00000								
5968:	72	22	50	71	22	49	523817.19619	523817.16032	0.03587	0.10000	0.00000								
5969:	41	17	25	40	16	24	523967.24197	523967.20599	0.03598	0.10000	0.00000								
5970:	73	28	46	72	28	45	524064.41247	524064.34057	0.07190	0.10000	0.00000	524064.34058						0.07190	0.5000
5971:	73	28	45	72	28	44	524064.41247	524064.34058	0.07189	0.10000	0.00000	524064.34058						0.07190	0.5000
5972:	71	18	54	70	18	53	524098.83744	524098.64077	0.19667	0.10000	0.00000								
5973:	69	16	53	68	16	52	524269.33607	524269.33153	0.00454	0.10000	0.00000								
5974:	69	17	52	68	17	51	524380.66604	524380.68625	-0.02021	0.10000	0.00000								
5975:	73	27	47	72	27	46	524908.90777	524908.88689	0.02088	0.10000	0.00000	524908.88698						0.02079	0.5000
5976:	73	27	46	72	27	45	524908.90777	524908.88707	0.02070	0.10000	0.00000	524908.88698						0.02079	0.5000
5977:	39	18	22	38	17	21	525024.17824	525024.17887	-0.00063	0.10000	0.00000	525024.17924						-0.00100	0.5000
5978:	39	18	21	38	17	22	525024.17824	525024.17961	-0.00137	0.10000	0.00000	525024.17924						-0.00100	0.5000
5979:	46	15	32	45	14	31	525030.48961	525030.49793	-0.00832	0.10000	0.00000								
5980:	70	18	52	69	18	51	525068.14675	525068.14950	-0.00275	0.10000	0.00000								
5981:	74	42	32	73	42	31	525072.87621	525072.99624	-0.12003	0.10000	0.00000	525072.99624						-0.12003	0.5000
5982:	74	42	33	73	42	32	525072.87621	525072.99624	-0.12003	0.10000	0.00000	525072.99624						-0.12003	0.5000
5983:	74	41	33	73	41	32	525343.37083	525343.49710	-0.12627	0.10000	0.00000	525343.49710						-0.12627	0.5000
5984:	74	41	34	73	41	33	525343.37083	525343.49710	-0.12627	0.10000	0.00000	525343.49710						-0.12627	0.5000
5985:	46	15	31	45	14	32	525508.12490	525508.40799	-0.28310	0.10000	0.00000								
5986:	74	40	34	73	40	33	525630.11313	525630.27855	-0.16542	0.10000	0.00000								
5987:	37	19	18	36	18	19	525688.02599	525688.05400	-0.02801	0.10000	0.00000								
5988:	73	26	47	72	26	46	525869.43901	525869.31824	0.12077	0.10000	0.00000	525869.31695						0.12205	0.5000
5989:	73	26	48	72	26	47	525869.43901	525869.31567	0.12334	0.10000	0.00000	525869.31695						0.12205	0.5000
5990:	72	21	52	71	21	51	525915.06326	525915.06642	-0.00316	0.10000	0.00000								
5991:	28	14	14	28	11	17	525935.08366	525935.22591	-0.14224	0.10000	0.00000								

6041:	84	5	80	83	4	79	527677.40618	527677.43316	-0.02698	0.10000	0.00000	527677.43316	-0.02698	0.2500
6042:	84	5	80	83	5	79	527677.40618	527677.43316	-0.02698	0.10000	0.00000	527677.43316	-0.02698	0.2500
6043:	84	4	80	83	4	79	527677.40618	527677.43316	-0.02698	0.10000	0.00000	527677.43316	-0.02698	0.2500
6044:	74	34	41	73	34	40	527825.18932	527824.65998	0.52934	0.10000	0.00000			
6045:	85	4	82	84	3	81	527952.36171	527952.38205	-0.02034	0.10000	0.00000	527952.38205	-0.02034	0.3333
6046:	85	4	82	84	4	81	527952.36171	527952.38205	-0.02034	0.10000	0.00000	527952.38205	-0.02034	0.3333
6047:	85	3	82	84	4	81	527952.36171	527952.38205	-0.02034	0.10000	0.00000	527952.38205	-0.02034	0.3333
6048:	86	2	84	85	2	83	528234.62510	528234.73113	-0.10603	0.10000	0.00000	528234.73113	-0.10603	0.2500
6049:	86	2	84	85	3	83	528234.62510	528234.73113	-0.10603	0.10000	0.00000	528234.73113	-0.10603	0.2500
6050:	86	3	84	85	2	83	528234.62510	528234.73113	-0.10603	0.10000	0.00000	528234.73113	-0.10603	0.2500
6051:	86	3	84	85	3	83	528234.62510	528234.73113	-0.10603	0.10000	0.00000	528234.73113	-0.10603	0.2500
6052:	73	24	50	72	24	49	528261.20429	528260.94296	0.26133	0.10000	0.00000	528261.12765	0.07664	0.5000
6053:	73	24	49	72	24	48	528261.20429	528261.31234	-0.10805	0.10000	0.00000	528261.12765	0.07664	0.5000
6054:	74	15	60	73	15	59	528285.89108	528285.88493	0.00614	0.10000	0.00000	528261.12765	0.07664	0.5000
6055:	74	33	42	73	33	41	528300.37919	528300.35777	0.02142	0.10000	0.00000	528300.35777	0.02142	0.5000
6056:	74	33	41	73	33	40	528300.37919	528300.35777	0.02142	0.10000	0.00000	528300.35777	0.02142	0.5000
6057:	72	20	53	71	20	52	528406.02993	528405.96597	0.06396	0.10000	0.00000			
6058:	74	14	60	73	14	59	528506.57913	528506.53633	0.04280	0.10000	0.00000			
6059:	87	1	86	86	2	85	528520.90671	528520.94652	-0.03981	0.10000	0.00000	528520.94652	-0.03981	0.2500
6060:	87	2	86	86	1	85	528520.90671	528520.94652	-0.03981	0.10000	0.00000	528520.94652	-0.03981	0.2500
6061:	87	2	86	86	2	85	528520.90671	528520.94652	-0.03981	0.10000	0.00000	528520.94652	-0.03981	0.2500
6062:	87	1	86	86	1	85	528520.90671	528520.94652	-0.03981	0.10000	0.00000	528520.94652	-0.03981	0.2500
6063:	44	16	29	43	15	28	528749.33948	528749.46325	-0.12377	0.10000	0.00000			
6064:	44	16	28	43	15	29	528762.01319	528762.07359	-0.06040	0.10000	0.00000			
6065:	88	0	88	87	0	87	528808.26342	528808.30298	-0.03956	0.10000	0.00000	528808.30298	-0.03956	0.2500
6066:	88	0	88	87	1	87	528808.26342	528808.30298	-0.03956	0.10000	0.00000	528808.30298	-0.03956	0.2500
6067:	88	1	88	87	0	87	528808.26342	528808.30298	-0.03956	0.10000	0.00000	528808.30298	-0.03956	0.2500
6068:	88	1	88	87	1	87	528808.26342	528808.30298	-0.03956	0.10000	0.00000	528808.30298	-0.03956	0.2500
6069:	74	32	42	73	32	41	528820.07968	528820.20314	-0.12346	0.10000	0.00000	528820.20314	-0.12346	0.5000
6070:	74	32	43	73	32	42	528820.07968	528820.20314	-0.12346	0.10000	0.00000	528820.20314	-0.12346	0.5000
6071:	72	17	56	71	17	55	528972.45614	528972.43208	0.02406	0.10000	0.00000			
6072:	72	20	52	71	20	51	529340.59186	529340.66398	-0.07211	0.10000	0.00000			
6073:	73	16	58	72	16	57	529372.20593	529372.21695	-0.01102	0.10000	0.00000			
6074:	74	31	44	73	31	43	529391.25618	529391.18948	0.06670	0.10000	0.00000	529391.18948	0.06670	0.5000
6075:	74	31	43	73	31	42	529391.25618	529391.18948	0.06670	0.10000	0.00000	529391.18948	0.06670	0.5000
6076:	73	23	51	72	23	50	529787.24141	529787.20132	0.04009	0.10000	0.00000			
6077:	73	23	50	72	23	49	529790.89878	529790.88920	0.00958	0.10000	0.00000			
6078:	70	16	54	69	16	53	529794.64037	529794.63585	0.00451	0.10000	0.00000			
6079:	74	30	45	73	30	44	530021.82380	530021.86531	-0.04151	0.10000	0.00000	530021.86531	-0.04151	0.5000
6080:	74	30	44	73	30	43	530021.82380	530021.86531	-0.04151	0.10000	0.00000	530021.86531	-0.04151	0.5000
6081:	71	16	56	70	15	55	530621.68635	530621.76537	-0.07902	0.10000	0.00000			
6082:	42	17	25	41	16	26	530717.44766	530717.58341	-0.13575	0.10000	0.00000	530717.48447	-0.03682	0.5000
6083:	42	17	26	41	16	25	530717.44766	530717.38554	0.06212	0.10000	0.00000	530717.48447	-0.03682	0.5000
6084:	74	29	45	73	29	44	530722.82662	530722.82394	0.00267	0.10000	0.00000			
6085:	72	19	54	71	19	53	530756.36492	530756.35031	0.01461	0.10000	0.00000			
6086:	73	15	58	72	15	57	531398.56615	531398.53891	0.02723	0.10000	0.00000			
6087:	72	18	55	71	18	54	531470.09642	531470.16331	-0.06689	0.10000	0.00000			
6088:	74	28	47	73	28	46	531507.48924	531507.40709	0.08215	0.10000	0.00000			
6089:	73	22	52	72	22	51	531631.69735	531631.64318	0.05417	0.10000	0.00000			

6139:	73	21	53	72	21	52	533876.79983	533876.66929	0.13054	0.10000	0.00000	533903.14877	-0.04915	0.2500
6140:	86	3	83	85	3	82	533903.09963	533903.14877	-0.04915	0.10000	0.00000	533903.14877	-0.04915	0.2500
6141:	86	3	83	85	4	82	533903.09963	533903.14877	-0.04915	0.10000	0.00000	533903.14877	-0.04915	0.2500
6142:	86	4	83	85	3	82	533903.09963	533903.14877	-0.04915	0.10000	0.00000	533903.14877	-0.04915	0.2500
6143:	86	4	83	85	4	82	533903.09963	533903.14877	-0.04915	0.10000	0.00000	533903.14877	-0.04915	0.2500
6144:	28	24	5	27	23	4	534003.08680	534003.11093	-0.02413	0.10000	0.00000			
6145:	75	15	61	74	15	60	534055.52263	534055.52850	-0.00587	0.10000	0.00000			
6146:	73	21	52	72	21	51	534113.98039	534113.95706	0.02333	0.10000	0.00000			
6147:	26	25	2	25	24	1	534135.18298	534135.22577	-0.04279	0.10000	0.00000	534135.22577	-0.04279	0.5000
6148:	26	25	1	25	24	2	534135.18298	534135.22577	-0.04279	0.10000	0.00000	534135.22577	-0.04279	0.5000
6149:	87	2	85	86	3	84	534185.81338	534185.85386	-0.04048	0.10000	0.00000	534185.85386	-0.04048	0.2500
6150:	87	3	85	86	2	84	534185.81338	534185.85386	-0.04048	0.10000	0.00000	534185.85386	-0.04048	0.2500
6151:	87	3	85	86	3	84	534185.81338	534185.85386	-0.04048	0.10000	0.00000	534185.85386	-0.04048	0.2500
6152:	87	2	85	86	2	84	534185.81338	534185.85386	-0.04048	0.10000	0.00000	534185.85386	-0.04048	0.2500
6153:	75	14	61	74	14	60	534196.00023	534195.98741	0.01282	0.10000	0.00000			
6154:	75	36	40	74	36	39	534242.23452	534242.27481	-0.04029	0.10000	0.00000	534242.27481	-0.04029	0.5000
6155:	75	36	39	74	36	38	534242.23452	534242.27481	-0.04029	0.10000	0.00000	534242.27481	-0.04029	0.5000
6156:	88	1	87	87	2	86	534472.20802	534472.25770	-0.04968	0.10000	0.00000	534472.25770	-0.04968	0.2500
6157:	88	2	87	87	1	86	534472.20802	534472.25770	-0.04968	0.10000	0.00000	534472.25770	-0.04968	0.2500
6158:	88	2	87	87	2	86	534472.20802	534472.25770	-0.04968	0.10000	0.00000	534472.25770	-0.04968	0.2500
6159:	88	1	87	87	1	86	534472.20802	534472.25770	-0.04968	0.10000	0.00000	534472.25770	-0.04968	0.2500
6160:	74	25	50	73	25	49	534563.96073	534563.86149	0.09924	0.10000	0.00000	534563.89267	0.06806	0.5000
6161:	74	25	49	73	25	48	534563.96073	534563.92386	0.03687	0.10000	0.00000	534563.89267	0.06806	0.5000
6162:	75	35	40	74	35	39	534662.48596	534662.41501	0.07095	0.10000	0.00000	534662.41501	0.07095	0.5000
6163:	75	35	41	74	35	40	534662.48596	534662.41501	0.07095	0.10000	0.00000	534662.41501	0.07095	0.5000
6164:	71	16	55	70	16	54	534682.57172	534682.54043	0.03128	0.10000	0.00000			
6165:	89	0	89	88	1	88	534759.69536	534759.70806	-0.01270	0.10000	0.00000	534759.70806	-0.01270	0.3333
6166:	89	1	89	88	1	88	534759.69536	534759.70806	-0.01270	0.10000	0.00000	534759.70806	-0.01270	0.3333
6167:	89	0	89	88	0	88	534759.69536	534759.70806	-0.01270	0.10000	0.00000	534759.70806	-0.01270	0.3333
6168:	71	18	53	70	18	52	535062.82183	535062.84816	-0.02633	0.10000	0.00000			
6169:	75	34	42	74	34	41	535117.72488	535117.70366	0.02122	0.10000	0.00000	535117.70366	0.02122	0.5000
6170:	75	34	41	74	34	40	535117.72488	535117.70366	0.02122	0.10000	0.00000	535117.70366	0.02122	0.5000
6171:	74	16	59	73	16	58	535186.51823	535186.55240	-0.03417	0.10000	0.00000			
6172:	45	16	30	44	15	29	535221.65423	535221.90489	-0.25066	0.10000	0.00000			
6173:	45	16	29	44	15	30	535246.71269	535246.57688	0.13581	0.10000	0.00000			
6174:	72	19	53	71	19	52	535322.83194	535322.86420	-0.03226	0.10000	0.00000			
6175:	73	17	57	72	17	56	535327.91842	535327.87696	0.04146	0.10000	0.00000			
6176:	75	33	43	74	33	42	535613.10697	535613.24762	-0.14066	0.10000	0.00000	535613.24762	-0.14066	0.5000
6177:	75	33	42	74	33	41	535613.10697	535613.24762	-0.14066	0.10000	0.00000	535613.24762	-0.14066	0.5000
6178:	74	24	50	73	24	49	535923.40424	535923.68808	-0.28384	0.10000	0.00000	535923.34869	0.05556	0.5000
6179:	74	24	51	73	24	50	535923.40424	535923.00929	0.39496	0.10000	0.00000	535923.34869	0.05556	0.5000
6180:	75	32	44	74	32	43	536155.22236	536155.16632	0.05604	0.10000	0.00000			
6181:	48	15	34	47	14	33	536430.85864	536430.80567	0.05297	0.10000	0.00000			
6182:	73	20	54	72	20	53	536443.24180	536443.21391	0.02790	0.10000	0.00000			
6183:	74	15	59	73	15	58	536569.33226	536569.38039	-0.04814	0.10000	0.00000			
6184:	75	31	44	74	31	43	536750.91205	536750.86982	0.04223	0.10000	0.00000	536750.86982	0.04223	0.5000
6185:	75	31	45	74	31	44	536750.91205	536750.86982	0.04223	0.10000	0.00000	536750.86982	0.04223	0.5000
6186:	75	30	45	74	30	44	537409.59527	537409.44074	0.15452	0.10000	0.00000	537409.44074	0.15452	0.5000
6187:	75	30	46	74	30	45	537409.59527	537409.44074	0.15452	0.10000	0.00000	537409.44074	0.15452	0.5000

6188:	43	17	26	42	16	27	537430.72375	537430.95620	-0.23246	0.10000	0.00000	537430.74115	-0.01740	0.5000
6189:	43	17	27	42	16	26	537430.72375	537430.52609	0.19765	0.10000	0.00000	537430.74115	-0.01740	0.5000
6190:	74	23	52	73	23	51	537540.69211	537540.59874	0.09337	0.10000	0.00000			
6191:	74	23	51	73	23	50	537547.14735	537547.10851	0.03884	0.10000	0.00000			
6192:	73	20	53	72	20	52	537878.54864	537878.52276	0.02588	0.10000	0.00000			
6193:	48	15	33	47	14	34	537884.55565	537884.84672	-0.29107	0.10000	0.00000			
6194:	75	29	47	74	29	46	538142.21876	538142.17155	0.04721	0.10000	0.00000	538142.17156	0.04721	0.5000
6195:	75	29	46	74	29	45	538142.21876	538142.17156	0.04720	0.10000	0.00000	538142.17156	0.04721	0.5000
6196:	80	10	70	79	11	69	538443.32760	538443.33674	-0.00914	0.10000	0.00000	538443.33775	-0.01015	0.2500
6197:	80	11	70	79	11	69	538443.32760	538443.33746	-0.00986	0.10000	0.00000	538443.33775	-0.01015	0.2500
6198:	80	11	70	79	10	69	538443.32760	538443.33877	-0.01116	0.10000	0.00000	538443.33775	-0.01015	0.2500
6199:	80	10	70	79	10	69	538443.32760	538443.33805	-0.01044	0.10000	0.00000	538443.33775	-0.01015	0.2500
6200:	79	11	68	78	12	67	538475.62711	538475.68795	-0.06084	0.10000	0.00000	538475.71649	-0.08939	0.2500
6201:	79	12	68	78	12	67	538475.62711	538475.70850	-0.08139	0.10000	0.00000	538475.71649	-0.08939	0.2500
6202:	79	11	68	78	11	67	538475.62711	538475.72449	-0.09738	0.10000	0.00000	538475.71649	-0.08939	0.2500
6203:	79	12	68	78	11	67	538475.62711	538475.74503	-0.11793	0.10000	0.00000	538475.71649	-0.08939	0.2500
6204:	81	10	72	80	10	71	538512.29382	538512.29617	-0.00235	0.10000	0.00000	538512.29618	-0.00235	0.2500
6205:	81	9	72	80	9	71	538512.29382	538512.29619	-0.00236	0.10000	0.00000	538512.29618	-0.00235	0.2500
6206:	81	10	72	80	9	71	538512.29382	538512.29621	-0.00238	0.10000	0.00000	538512.29618	-0.00235	0.2500
6207:	81	9	72	80	10	71	538512.29382	538512.29615	-0.00232	0.10000	0.00000	538512.29618	-0.00235	0.2500
6208:	73	19	55	72	19	54	538595.72027	538595.24133	0.47894	0.10000	0.00000			
6209:	73	18	56	72	18	55	538649.21100	538649.37432	-0.16333	0.10000	0.00000			
6210:	82	8	74	81	9	73	538651.57323	538651.52216	0.05107	0.10000	0.00000	538651.52216	0.05107	0.2500
6211:	82	9	74	81	9	73	538651.57323	538651.52216	0.05107	0.10000	0.00000	538651.52216	0.05107	0.2500
6212:	82	8	74	81	8	73	538651.57323	538651.52216	0.05107	0.10000	0.00000	538651.52216	0.05107	0.2500
6213:	82	9	74	81	8	73	538651.57323	538651.52216	0.05107	0.10000	0.00000	538651.52216	0.05107	0.2500
6214:	78	13	66	77	13	65	538658.19991	538658.01825	0.18166	0.10000	0.00000	538658.41566	-0.21575	0.3333
6215:	78	13	66	77	12	65	538658.19991	538658.85659	-0.65668	0.10000	0.00000	538658.41566	-0.21575	0.3333
6216:	78	12	66	77	12	65	538658.19991	538658.37215	-0.17224	0.10000	0.00000	538658.41566	-0.21575	0.3333
6217:	41	18	23	40	17	24	538746.69004	538746.73717	-0.04713	0.10000	0.00000	538746.73490	-0.04487	0.5000
6218:	41	18	24	40	17	23	538746.69004	538746.73264	-0.04260	0.10000	0.00000	538746.73490	-0.04487	0.5000
6219:	83	7	76	82	7	75	538840.20314	538840.18213	0.02100	0.10000	0.00000	538840.18213	0.02100	0.3333
6220:	83	8	76	82	8	75	538840.20314	538840.18213	0.02100	0.10000	0.00000	538840.18213	0.02100	0.3333
6221:	83	7	76	82	8	75	538840.20314	538840.18213	0.02100	0.10000	0.00000	538840.18213	0.02100	0.3333
6222:	75	28	48	74	28	47	538963.44255	538963.34228	0.10027	0.10000	0.00000	538963.34231	0.10024	0.5000
6223:	75	28	47	74	28	46	538963.44255	538963.34234	0.10022	0.10000	0.00000	538963.34231	0.10024	0.5000
6224:	84	7	78	83	6	77	539063.80742	539063.76755	0.03986	0.10000	0.00000	539063.76755	0.03986	0.2500
6225:	84	6	78	83	6	77	539063.80742	539063.76755	0.03986	0.10000	0.00000	539063.76755	0.03986	0.2500
6226:	84	6	78	83	7	77	539063.80742	539063.76755	0.03986	0.10000	0.00000	539063.76755	0.03986	0.2500
6227:	84	7	78	83	7	77	539063.80742	539063.76755	0.03986	0.10000	0.00000	539063.76755	0.03986	0.2500
6228:	77	14	64	76	14	63	539069.93713	539069.93444	0.00269	0.10000	0.00000			
6229:	77	13	64	76	13	63	539076.35304	539076.24859	0.10445	0.10000	0.00000			
6230:	72	16	56	71	16	55	539142.86947	539142.84699	0.04247	0.10000	0.00000			
6231:	85	6	80	84	5	79	539311.87937	539311.87642	0.00296	0.10000	0.00000	539311.87642	0.00296	0.2500
6232:	85	5	80	84	6	79	539311.87937	539311.87642	0.00296	0.10000	0.00000	539311.87642	0.00296	0.2500
6233:	85	6	80	84	6	79	539311.87937	539311.87642	0.00296	0.10000	0.00000	539311.87642	0.00296	0.2500
6234:	85	5	80	84	5	79	539311.87937	539311.87642	0.00296	0.10000	0.00000	539311.87642	0.00296	0.2500
6235:	74	22	53	73	22	52	539501.24933	539501.32545	-0.07611	0.10000	0.00000			
6236:	74	22	52	73	22	51	539555.55942	539555.49063	0.06879	0.10000	0.00000			

6237:	39	19	20	38	18	21	539569.93956	539569.96450	-0.02494	0.10000	0.00000	539569.96449	-0.02493	0.5000
6238:	39	19	21	38	18	20	539569.93956	539569.96447	-0.02491	0.10000	0.00000	539569.96449	-0.02493	0.5000
6239:	86	4	82	85	4	81	539576.82389	539576.87760	-0.05371	0.10000	0.00000	539576.87760	-0.05371	0.2500
6240:	86	5	82	85	4	81	539576.82389	539576.87760	-0.05371	0.10000	0.00000	539576.87760	-0.05371	0.2500
6241:	86	4	82	85	5	81	539576.82389	539576.87760	-0.05371	0.10000	0.00000	539576.87760	-0.05371	0.2500
6242:	86	5	82	85	5	81	539576.82389	539576.87760	-0.05371	0.10000	0.00000	539576.87760	-0.05371	0.2500
6243:	76	41	35	75	41	34	539737.30878	539737.74789	-0.43910	0.10000	0.00000	539737.74789	-0.43910	0.5000
6244:	76	41	36	75	41	35	539737.30878	539737.74789	-0.43910	0.10000	0.00000	539737.74789	-0.43910	0.5000
6245:	76	15	62	75	15	61	539831.89337	539831.88265	0.1073	0.10000	0.00000	539831.88265	0.1073	0.5000
6246:	87	3	84	86	4	83	539852.98099	539853.06807	-0.08707	0.10000	0.00000	539853.06807	-0.08707	0.2500
6247:	87	3	84	86	3	83	539852.98099	539853.06807	-0.08707	0.10000	0.00000	539853.06807	-0.08707	0.2500
6248:	87	4	84	86	4	83	539852.98099	539853.06807	-0.08707	0.10000	0.00000	539853.06807	-0.08707	0.2500
6249:	87	4	84	86	3	83	539852.98099	539853.06807	-0.08707	0.10000	0.00000	539853.06807	-0.08707	0.2500
6250:	75	27	49	74	27	48	539891.46583	539891.38504	0.08079	0.10000	0.00000	539891.38542	0.08041	0.5000
6251:	75	27	48	74	27	47	539891.46583	539891.38580	0.08003	0.10000	0.00000	539891.38542	0.08041	0.5000
6252:	76	14	62	75	14	61	539920.49843	539920.50382	-0.00539	0.10000	0.00000	539920.50382	-0.00539	0.5000
6253:	76	40	36	75	40	35	540046.29698	540046.43495	-0.13797	0.10000	0.00000	540046.43495	-0.13797	0.5000
6254:	76	40	37	75	40	36	540046.29698	540046.43495	-0.13797	0.10000	0.00000	540046.43495	-0.13797	0.5000
6255:	37	20	18	36	19	17	540103.33350	540103.32403	0.00946	0.10000	0.00000	540103.32403	0.00946	0.5000
6256:	37	20	17	36	19	18	540103.33350	540103.32403	0.00946	0.10000	0.00000	540103.32403	0.00946	0.5000
6257:	88	2	86	87	2	85	540136.06817	540136.12054	-0.05237	0.10000	0.00000	540136.12054	-0.05237	0.2500
6258:	88	3	86	87	2	85	540136.06817	540136.12054	-0.05237	0.10000	0.00000	540136.12054	-0.05237	0.2500
6259:	88	2	86	87	3	85	540136.06817	540136.12054	-0.05237	0.10000	0.00000	540136.12054	-0.05237	0.2500
6260:	88	3	86	87	3	85	540136.06817	540136.12054	-0.05237	0.10000	0.00000	540136.12054	-0.05237	0.2500
6261:	76	39	38	75	39	37	540374.88404	540375.05575	-0.17171	0.10000	0.00000	540375.05575	-0.17171	0.5000
6262:	76	39	37	75	39	36	540374.88404	540375.05575	-0.17171	0.10000	0.00000	540375.05575	-0.17171	0.5000
6263:	89	1	88	88	2	87	540422.67155	540422.70990	-0.03835	0.10000	0.00000	540422.70990	-0.03835	0.3333
6264:	89	2	88	88	2	87	540422.67155	540422.70990	-0.03835	0.10000	0.00000	540422.70990	-0.03835	0.3333
6265:	89	2	88	88	1	87	540422.67155	540422.70990	-0.03835	0.10000	0.00000	540422.70990	-0.03835	0.3333
6266:	35	21	14	34	20	15	540462.38567	540462.41039	-0.02472	0.10000	0.00000	540462.41039	-0.02472	0.5000
6267:	35	21	15	34	20	14	540462.38567	540462.41039	-0.02472	0.10000	0.00000	540462.41039	-0.02472	0.5000
6268:	90	0	90	89	0	89	540710.21486	540710.25380	-0.03894	0.10000	0.00000	540710.25380	-0.03894	0.2500
6269:	90	1	90	89	1	89	540710.21486	540710.25380	-0.03894	0.10000	0.00000	540710.25380	-0.03894	0.2500
6270:	90	1	90	89	1	89	540710.21486	540710.25380	-0.03894	0.10000	0.00000	540710.25380	-0.03894	0.2500
6271:	90	1	90	89	0	89	540710.21486	540710.25380	-0.03894	0.10000	0.00000	540710.25380	-0.03894	0.2500
6272:	33	22	12	32	21	11	540716.41321	540716.37894	0.03427	0.10000	0.00000	540716.37894	0.03427	0.5000
6273:	33	22	11	32	21	12	540716.41321	540716.37894	0.03427	0.10000	0.00000	540716.37894	0.03427	0.5000
6274:	76	38	38	75	38	37	540725.96075	540726.04983	-0.08908	0.10000	0.00000	540726.04983	-0.08908	0.5000
6275:	76	38	39	75	38	38	540725.96075	540726.04983	-0.08908	0.10000	0.00000	540726.04983	-0.08908	0.5000
6276:	31	23	9	30	22	8	540907.72247	540907.76238	-0.03991	0.10000	0.00000	540907.76238	-0.03991	0.5000
6277:	31	23	8	30	22	9	540907.72247	540907.76238	-0.03991	0.10000	0.00000	540907.76238	-0.03991	0.5000
6278:	75	26	50	74	26	49	540950.75011	540950.69890	0.05121	0.10000	0.00000	540950.70389	0.04622	0.5000
6279:	75	26	49	74	26	48	540950.75011	540950.70888	0.04122	0.10000	0.00000	540950.70389	0.04622	0.5000
6280:	75	16	60	74	16	59	540964.07508	540963.95635	0.11873	0.10000	0.00000	540963.95635	0.11873	0.5000
6281:	29	24	5	28	23	6	541063.05228	541063.06070	-0.00843	0.10000	0.00000	541063.06070	-0.00843	0.5000
6282:	29	24	6	28	23	5	541063.05228	541063.06070	-0.00843	0.10000	0.00000	541063.06070	-0.00843	0.5000
6283:	76	37	40	75	37	39	541102.18407	541102.23786	-0.05378	0.10000	0.00000	541102.23786	-0.05378	0.5000
6284:	27	25	3	26	24	2	541198.99134	541198.79453	0.19682	0.10000	0.00000	541198.79453	0.19682	0.5000
6285:	27	25	2	26	24	3	541198.99134	541198.79453	0.19682	0.10000	0.00000	541198.79453	0.19682	0.5000

6286:	71	17	54	70	17	53	541360.37228	541360.36504	0.00724	0.10000	0.00000	0.00000	541506.90066	-0.06943	0.5000
6287:	76	36	41	75	36	40	541506.83123	541506.90066	-0.06943	0.10000	0.00000	0.00000	541506.90066	-0.06943	0.5000
6288:	76	36	40	75	36	39	541506.83123	541506.90066	-0.06943	0.10000	0.00000	0.00000	541506.90066	-0.06943	0.5000
6289:	74	17	58	73	17	57	541521.45377	541521.49327	-0.03950	0.10000	0.00000	0.00000	541521.49327	-0.03950	0.5000
6290:	46	16	31	45	15	30	541620.56799	541620.82754	-0.25955	0.10000	0.00000	0.00000	541620.82754	-0.25955	0.5000
6291:	49	15	35	48	14	34	541636.08912	541636.04662	0.04250	0.10000	0.00000	0.00000	541636.04662	0.04250	0.5000
6292:	46	16	30	45	15	31	541667.91855	541668.11333	-0.19478	0.10000	0.00000	0.00000	541668.11333	-0.19478	0.5000
6293:	74	21	54	73	21	53	541873.65063	541873.63690	0.01372	0.10000	0.00000	0.00000	541873.63690	0.01372	0.5000
6294:	75	15	60	74	15	59	541892.68988	541892.55057	0.13931	0.10000	0.00000	0.00000	541892.55057	0.13931	0.5000
6295:	76	35	42	75	35	41	541943.91267	541943.87956	0.03310	0.10000	0.00000	0.00000	541943.87956	0.03310	0.5000
6296:	76	35	41	75	35	40	541943.91267	541943.87956	0.03310	0.10000	0.00000	0.00000	541943.87956	0.03310	0.5000
6297:	75	25	50	74	25	49	542174.68283	542174.71915	-0.03632	0.10000	0.00000	0.00000	542174.71915	-0.03632	0.5000
6298:	75	25	51	74	25	50	542174.68283	542174.60155	0.08128	0.10000	0.00000	0.00000	542174.60155	0.08128	0.5000
6299:	74	21	53	73	21	52	542255.11121	542255.04490	0.06631	0.10000	0.00000	0.00000	542255.04490	0.06631	0.5000
6300:	76	34	42	75	34	41	542417.65825	542417.70548	-0.04723	0.10000	0.00000	0.00000	542417.70548	-0.04723	0.5000
6301:	76	34	43	75	34	42	542417.65825	542417.70548	-0.04723	0.10000	0.00000	0.00000	542417.70548	-0.04723	0.5000
6302:	76	33	44	75	33	43	542933.74113	542933.76739	-0.02627	0.10000	0.00000	0.00000	542933.76739	-0.02627	0.5000
6303:	73	16	57	72	16	56	543412.41728	543412.40923	0.00806	0.10000	0.00000	0.00000	543412.40923	0.00806	0.5000
6304:	76	32	45	75	32	44	543498.64487	543498.53577	0.10911	0.10000	0.00000	0.00000	543498.53577	0.10911	0.5000
6305:	76	32	44	75	32	43	543498.64487	543498.53577	0.10911	0.10000	0.00000	0.00000	543498.53577	0.10911	0.5000
6306:	75	24	51	74	24	50	543610.91143	543611.44531	-0.53389	0.10000	0.00000	0.00000	543611.44531	-0.53389	0.5000
6307:	49	15	34	48	14	35	544095.21925	544095.07396	0.14529	0.10000	0.00000	0.00000	544095.07396	0.14529	0.5000
6308:	44	17	28	43	16	27	544103.42537	544103.13940	0.28597	0.10000	0.00000	0.00000	544103.13940	0.28597	0.5000
6309:	44	17	27	43	16	28	544103.42537	544104.05310	-0.62773	0.10000	0.00000	0.00000	544103.59625	-0.17088	0.5000
6310:	76	31	46	75	31	45	544119.88750	544119.86457	0.02293	0.10000	0.00000	0.00000	544119.86457	0.02293	0.5000
6311:	81	11	71	80	11	70	544367.38530	544367.40148	-0.01617	0.10000	0.00000	0.00000	544367.40158	-0.01628	0.3333
6312:	81	10	71	80	11	70	544367.38530	544367.40108	-0.01578	0.10000	0.00000	0.00000	544367.40158	-0.01628	0.3333
6313:	81	11	71	80	10	70	544367.38530	544367.40219	-0.01689	0.10000	0.00000	0.00000	544367.40158	-0.01628	0.3333
6314:	80	12	69	79	11	68	544384.99592	544385.00177	-0.00585	0.10000	0.00000	0.00000	544384.98574	0.01018	0.2500
6315:	80	11	69	79	12	68	544384.99592	544384.96970	0.02621	0.10000	0.00000	0.00000	544384.98574	0.01018	0.2500
6316:	80	12	69	79	12	68	544384.99592	544384.98122	0.01470	0.10000	0.00000	0.00000	544384.98574	0.01018	0.2500
6317:	80	11	69	79	11	68	544384.99592	544384.99025	0.00567	0.10000	0.00000	0.00000	544384.98574	0.01018	0.2500
6318:	82	9	73	81	10	72	544445.69461	544445.73985	-0.04524	0.10000	0.00000	0.00000	544445.73987	-0.04525	0.2500
6319:	82	10	73	81	10	72	544445.69461	544445.73986	-0.04525	0.10000	0.00000	0.00000	544445.73987	-0.04525	0.2500
6320:	82	9	73	81	9	72	544445.69461	544445.73987	-0.04526	0.10000	0.00000	0.00000	544445.73987	-0.04525	0.2500
6321:	82	10	73	81	9	72	544445.69461	544445.73988	-0.04527	0.10000	0.00000	0.00000	544445.73987	-0.04525	0.2500
6322:	74	20	55	73	20	54	544475.03256	544475.07261	-0.04006	0.10000	0.00000	0.00000	544475.07261	-0.04006	0.2500
6323:	79	12	67	78	13	66	544543.49905	544543.07967	0.41938	0.10000	0.00000	0.00000	544543.46128	0.03778	0.2500
6324:	79	13	67	78	13	66	544543.49905	544543.35845	0.14060	0.10000	0.00000	0.00000	544543.46128	0.03778	0.2500
6325:	79	12	67	78	12	66	544543.49905	544543.56410	-0.06505	0.10000	0.00000	0.00000	544543.46128	0.03778	0.2500
6326:	79	13	67	78	12	66	544543.49905	544543.84289	-0.34383	0.10000	0.00000	0.00000	544543.46128	0.03778	0.2500
6327:	83	9	75	82	9	74	544591.08181	544591.00041	0.08140	0.10000	0.00000	0.00000	544591.00041	0.08140	0.2500
6328:	83	9	75	82	8	74	544591.08181	544591.00041	0.08140	0.10000	0.00000	0.00000	544591.00041	0.08140	0.2500
6329:	83	8	75	82	8	74	544591.08181	544591.00041	0.08140	0.10000	0.00000	0.00000	544591.00041	0.08140	0.2500
6330:	83	8	75	82	9	74	544591.08181	544591.00041	0.08140	0.10000	0.00000	0.00000	544591.00041	0.08140	0.2500
6331:	84	7	77	83	7	76	544783.53391	544783.56002	-0.02611	0.10000	0.00000	0.00000	544783.56002	-0.02611	0.2500
6332:	84	7	77	83	7	76	544783.53391	544783.56002	-0.02611	0.10000	0.00000	0.00000	544783.56002	-0.02611	0.2500
6333:	84	7	77	83	8	76	544783.53391	544783.56002	-0.02611	0.10000	0.00000	0.00000	544783.56002	-0.02611	0.2500
6334:	84	8	77	83	8	76	544783.53391	544783.56002	-0.02611	0.10000	0.00000	0.00000	544783.56002	-0.02611	0.2500

6335:	76	30	47	75	30	46	544807.55894	544807.40825	0.15069	0.10000	0.00000	-0.01300	0.2500
6336:	78	14	65	77	14	64	544915.55905	544915.55028	0.00877	0.10000	0.00000	-0.01300	0.2500
6337:	78	13	65	77	13	64	544919.42433	544919.34326	0.08106	0.10000	0.00000	-0.01300	0.2500
6338:	78	14	65	77	13	64	544924.82431	544924.87269	-0.04838	0.10000	0.00000	-0.01300	0.2500
6339:	73	19	54	72	19	53	544956.40914	544956.31859	0.09054	0.10000	0.00000	-0.01300	0.2500
6340:	72	18	54	71	18	53	544981.14154	544981.20122	-0.05968	0.10000	0.00000	-0.01300	0.2500
6341:	85	7	79	84	6	78	545009.64130	545009.65430	-0.01300	0.10000	0.00000	-0.01300	0.2500
6342:	85	6	79	84	6	78	545009.64130	545009.65430	-0.01300	0.10000	0.00000	-0.01300	0.2500
6343:	85	6	79	84	7	78	545009.64130	545009.65430	-0.01300	0.10000	0.00000	-0.01300	0.2500
6344:	85	7	79	84	7	78	545009.64130	545009.65430	-0.01300	0.10000	0.00000	-0.01300	0.2500
6345:	86	5	81	85	5	80	545259.29477	545259.35614	-0.06137	0.10000	0.00000	-0.06137	0.2500
6346:	86	5	81	85	6	80	545259.29477	545259.35614	-0.06137	0.10000	0.00000	-0.06137	0.2500
6347:	86	6	81	85	5	80	545259.29477	545259.35614	-0.06137	0.10000	0.00000	-0.06137	0.2500
6348:	86	6	81	85	6	80	545259.29477	545259.35614	-0.06137	0.10000	0.00000	-0.06137	0.2500
6349:	75	23	53	74	23	52	545325.61759	545325.42626	0.19133	0.10000	0.00000	-0.06137	0.2500
6350:	75	23	52	74	23	51	545336.84336	545336.77311	0.07025	0.10000	0.00000	-0.06137	0.2500
6351:	87	5	83	86	4	82	545525.31601	545525.34599	-0.02997	0.10000	0.00000	-0.02997	0.2500
6352:	87	4	83	86	4	82	545525.31601	545525.34599	-0.02997	0.10000	0.00000	-0.02997	0.2500
6353:	87	4	83	86	5	82	545525.31601	545525.34599	-0.02997	0.10000	0.00000	-0.02997	0.2500
6354:	87	5	83	86	5	82	545525.31601	545525.34599	-0.02997	0.10000	0.00000	-0.02997	0.2500
6355:	42	18	24	41	17	25	545570.00824	545570.00105	0.00719	0.10000	0.00000	0.01256	0.5000
6356:	42	18	25	41	17	24	545570.00824	545569.99031	0.01793	0.10000	0.00000	0.01256	0.5000
6357:	76	29	48	75	29	47	545572.93064	545573.21215	-0.28151	0.10000	0.00000	-0.28151	0.5000
6358:	76	29	47	75	29	46	545572.93064	545573.21215	-0.28152	0.10000	0.00000	-0.28151	0.5000
6359:	77	15	63	76	15	62	545616.59199	545616.57074	0.02125	0.10000	0.00000	-0.28151	0.5000
6360:	74	18	57	73	18	56	545623.80613	545623.76522	0.04091	0.10000	0.00000	-0.28151	0.5000
6361:	77	14	63	76	14	62	545671.93702	545672.02979	-0.09277	0.10000	0.00000	0.01552	0.3333
6362:	88	3	85	87	4	84	545802.14502	545802.12950	0.01552	0.10000	0.00000	0.01552	0.3333
6363:	88	4	85	87	4	84	545802.14502	545802.12950	0.01552	0.10000	0.00000	0.01552	0.3333
6364:	88	4	85	87	3	84	545802.14502	545802.12950	0.01552	0.10000	0.00000	0.01552	0.3333
6365:	89	3	87	88	3	86	546085.50560	546085.52122	-0.01562	0.10000	0.00000	-0.01562	0.2500
6366:	89	2	87	88	2	86	546085.50560	546085.52122	-0.01562	0.10000	0.00000	-0.01562	0.2500
6367:	89	2	87	88	3	86	546085.50560	546085.52122	-0.01562	0.10000	0.00000	-0.01562	0.2500
6368:	89	3	87	88	2	86	546085.50560	546085.52122	-0.01562	0.10000	0.00000	-0.01562	0.2500
6369:	74	19	56	73	19	55	546320.21292	546320.04319	0.16973	0.10000	0.00000	0.02260	0.2500
6370:	90	2	89	89	2	88	546372.31593	546372.29333	0.02260	0.10000	0.00000	0.02260	0.2500
6371:	90	1	89	89	1	88	546372.31593	546372.29333	0.02260	0.10000	0.00000	0.02260	0.2500
6372:	90	2	89	89	1	88	546372.31593	546372.29333	0.02260	0.10000	0.00000	0.02260	0.2500
6373:	90	1	89	89	2	88	546372.31593	546372.29333	0.02260	0.10000	0.00000	0.02260	0.2500
6374:	76	28	48	75	28	47	546432.63519	546432.57392	0.06127	0.10000	0.00000	0.02260	0.2500
6375:	40	19	22	39	18	21	546485.77791	546485.41783	0.36008	0.10000	0.00000	0.36004	0.5000
6376:	40	19	21	39	18	22	546485.77791	546485.41791	0.36000	0.10000	0.00000	0.36004	0.5000
6377:	74	20	54	73	20	53	546635.50424	546635.70323	-0.19899	0.10000	0.00000	-0.03394	0.3333
6378:	77	42	36	76	42	35	546639.03684	546639.40192	-0.36508	0.10000	0.00000	-0.03394	0.3333
6379:	91	1	91	90	0	90	546659.89656	546659.93050	-0.03394	0.10000	0.00000	-0.03394	0.3333
6380:	91	0	91	90	0	90	546659.89656	546659.93050	-0.03394	0.10000	0.00000	-0.03394	0.3333
6381:	91	1	91	90	1	90	546659.89656	546659.93050	-0.03394	0.10000	0.00000	-0.03394	0.3333
6382:	76	16	61	75	16	60	546719.62921	546719.59264	0.03657	0.10000	0.00000	0.08152	0.5000
6383:	38	20	18	37	19	19	547077.14237	547077.06085	0.08152	0.10000	0.00000	0.08152	0.5000

6384:	38	20	19	37	19	18	547077.14237	547077.06085	0.08152	0.10000	0.00000	547077.06085	0.08152	0.5000
6385:	76	15	61	75	15	60	547334.61236	547334.59174	0.02062	0.10000	0.00000			
6386:	76	27	49	75	27	48	547405.44790	547405.34593	0.10197	0.10000	0.00000			
6387:	75	22	54	74	22	53	547408.75023	547408.70691	0.04332	0.10000	0.00000			
6388:	36	21	16	35	20	15	547473.32196	547473.34085	-0.01889	0.10000	0.00000	547473.34085	-0.01889	0.5000
6389:	36	21	15	35	20	16	547473.32196	547473.34085	-0.01889	0.10000	0.00000	547473.34085	-0.01889	0.5000
6390:	75	22	53	74	22	52	547499.05903	547499.01805	0.04098	0.10000	0.00000			
6391:	75	17	59	74	17	58	547578.38895	547578.29229	0.09666	0.10000	0.00000			
6392:	77	39	38	76	39	37	547601.78635	547601.94066	-0.15431	0.10000	0.00000	547601.94066	-0.15431	0.5000
6393:	77	39	39	76	39	38	547601.78635	547601.94066	-0.15431	0.10000	0.00000	547601.94066	-0.15431	0.5000
6394:	74	16	58	73	16	57	547698.46160	547698.51686	-0.05526	0.10000	0.00000			
6395:	34	22	12	33	21	13	547750.87072	547750.87060	0.00012	0.10000	0.00000	547750.87060	0.00012	0.5000
6396:	34	22	13	33	21	12	547750.87072	547750.87060	0.00012	0.10000	0.00000	547750.87060	0.00012	0.5000
6397:	47	16	32	46	15	31	547934.11485	547934.16989	-0.05505	0.10000	0.00000			
6398:	32	23	10	31	22	9	547956.80349	547956.81077	-0.00728	0.10000	0.00000	547956.81077	-0.00728	0.5000
6399:	32	23	9	31	22	10	547956.80349	547956.81077	-0.00728	0.10000	0.00000	547956.81077	-0.00728	0.5000
6400:	77	38	40	76	38	39	547966.29504	547966.28510	0.00994	0.10000	0.00000	547966.28510	0.00994	0.5000
6401:	77	38	39	76	38	38	547966.29504	547966.28510	0.00994	0.10000	0.00000	547966.28510	0.00994	0.5000
6402:	30	24	7	29	23	6	548120.75226	548120.66236	0.08990	0.10000	0.00000	548120.66236	0.08990	0.5000
6403:	30	24	6	29	23	7	548120.75226	548120.66236	0.08990	0.10000	0.00000	548120.66236	0.08990	0.5000
6404:	28	25	4	27	24	3	548260.90511	548260.95138	-0.04626	0.10000	0.00000	548260.95138	-0.04626	0.5000
6405:	28	25	3	27	24	4	548260.90511	548260.95138	-0.04626	0.10000	0.00000	548260.95138	-0.04626	0.5000
6406:	77	37	41	76	37	40	548356.88719	548356.98737	-0.10018	0.10000	0.00000			
6407:	26	26	1	25	25	0	548389.22176	548389.21817	0.00359	0.10000	0.00000	548389.21817	0.00359	0.5000
6408:	26	26	0	25	25	1	548389.22176	548389.21817	0.00359	0.10000	0.00000	548389.21817	0.00359	0.5000
6409:	76	26	51	75	26	50	548518.07014	548517.97836	0.09178	0.10000	0.00000	548517.98800	0.08214	0.5000
6410:	76	26	50	75	26	49	548518.07014	548517.99765	0.07249	0.10000	0.00000	548517.98800	0.08214	0.5000
6411:	72	17	55	71	17	54	548630.32302	548630.32937	-0.00636	0.10000	0.00000			
6412:	77	36	41	76	36	40	548777.43472	548777.49400	-0.05928	0.10000	0.00000	548777.49400	-0.05928	0.5000
6413:	77	36	42	76	36	41	548777.43472	548777.49400	-0.05928	0.10000	0.00000	548777.49400	-0.05928	0.5000
6414:	77	35	43	76	35	42	549231.84851	549231.84560	0.00291	0.10000	0.00000	549231.84560	0.00291	0.5000
6415:	77	35	42	76	35	41	549231.84851	549231.84560	0.00291	0.10000	0.00000	549231.84560	0.00291	0.5000
6416:	77	34	43	76	34	42	549724.83677	549724.81545	0.02132	0.10000	0.00000	549724.81545	0.02132	0.5000
6417:	77	34	44	76	34	43	549724.83677	549724.81545	0.02132	0.10000	0.00000	549724.81545	0.02132	0.5000
6418:	76	25	52	75	25	51	549807.06429	549806.89453	0.16977	0.10000	0.00000	549807.00407	0.06022	0.5000
6419:	76	25	51	75	25	50	549807.06429	549807.11362	-0.04933	0.10000	0.00000	549807.00407	0.06022	0.5000
6420:	75	21	55	74	21	54	549901.45552	549901.43646	0.01905	0.10000	0.00000			
6421:	50	13	37	49	12	38	550170.19328	550170.23484	-0.04156	0.10000	0.00000			
6422:	77	33	45	76	33	44	550262.14163	550262.09096	0.05067	0.10000	0.00000	550262.09096	0.05067	0.5000
6423:	77	33	44	76	33	43	550262.14163	550262.09096	0.05067	0.10000	0.00000	550262.09096	0.05067	0.5000
6424:	82	10	72	81	10	71	550291.83016	550291.85462	-0.02446	0.10000	0.00000	550291.85453	-0.02437	0.2500
6425:	82	11	72	81	10	71	550291.83016	550291.85483	-0.02467	0.10000	0.00000	550291.85453	-0.02437	0.2500
6426:	82	10	72	81	11	71	550291.83016	550291.85422	-0.02407	0.10000	0.00000	550291.85453	-0.02437	0.2500
6427:	82	11	72	81	11	71	550291.83016	550291.85444	-0.02428	0.10000	0.00000	550291.85453	-0.02437	0.2500
6428:	81	11	70	80	12	69	550295.55467	550295.59336	-0.03869	0.10000	0.00000	550295.60233	-0.04767	0.2500
6429:	81	12	70	80	12	69	550295.55467	550295.59979	-0.04512	0.10000	0.00000	550295.60233	-0.04767	0.2500
6430:	81	12	70	80	11	69	550295.55467	550295.61131	-0.05664	0.10000	0.00000	550295.60233	-0.04767	0.2500
6431:	81	11	70	80	11	69	550295.55467	550295.60487	-0.05021	0.10000	0.00000	550295.60233	-0.04767	0.2500
6432:	51	15	37	50	14	36	550360.39615	550360.41472	-0.01857	0.10000	0.00000			

6433:	83	9	74	82	9	73	550379.08176	550379.03140	0.05036	0.10000	0.00000	550379.03140	0.05036	0.2500
6434:	83	10	74	82	9	73	550379.08176	550379.03141	0.05035	0.10000	0.00000	550379.03140	0.05036	0.2500
6435:	83	9	74	82	10	73	550379.08176	550379.03139	0.05037	0.10000	0.00000	550379.03140	0.05036	0.2500
6436:	83	10	74	82	10	73	550379.08176	550379.03139	0.05036	0.10000	0.00000	550379.03140	0.05036	0.2500
6437:	80	13	68	79	12	67	550431.87145	550432.07341	-0.20196	0.10000	0.00000	550431.85412	0.01734	0.2500
6438:	80	12	68	79	13	67	550431.87145	550431.63482	0.23663	0.10000	0.00000	550431.85412	0.01734	0.2500
6439:	80	12	68	79	12	67	550431.87145	550431.91361	-0.04215	0.10000	0.00000	550431.85412	0.01734	0.2500
6440:	80	13	68	79	13	67	550431.87145	550431.79463	0.07682	0.10000	0.00000	550431.85412	0.01734	0.2500
6441:	75	21	54	74	21	53	550505.08723	550505.08908	-0.00185	0.10000	0.00000			
6442:	84	8	76	83	9	75	550530.03732	550530.01286	0.02446	0.10000	0.00000	550530.01286	0.02446	0.3333
6443:	84	8	76	83	8	75	550530.03732	550530.01286	0.02446	0.10000	0.00000	550530.01286	0.02446	0.3333
6444:	84	9	76	83	9	75	550530.03732	550530.01286	0.02446	0.10000	0.00000	550530.01286	0.02446	0.3333
6445:	85	8	78	84	7	77	550726.30999	550726.28849	0.02150	0.10000	0.00000	550726.28849	0.02150	0.2500
6446:	85	7	78	84	7	77	550726.30999	550726.28849	0.02150	0.10000	0.00000	550726.28849	0.02150	0.2500
6447:	85	7	78	84	8	77	550726.30999	550726.28849	0.02150	0.10000	0.00000	550726.28849	0.02150	0.2500
6448:	85	8	78	84	8	77	550726.30999	550726.28849	0.02150	0.10000	0.00000	550726.28849	0.02150	0.2500
6449:	45	17	29	44	16	28	550731.16454	550731.31556	-0.15101	0.10000	0.00000			
6450:	45	17	28	44	16	29	550733.42414	550733.21428	0.20986	0.10000	0.00000			
6451:	79	13	66	78	14	65	550763.68985	550764.11612	-0.42627	0.10000	0.00000			
6452:	79	14	66	78	14	65	550767.31148	550767.37975	-0.06827	0.10000	0.00000			
6453:	79	13	66	78	13	65	550769.71582	550769.64554	0.07028	0.10000	0.00000			
6454:	79	14	66	78	13	65	550772.81228	550772.90918	-0.09690	0.10000	0.00000			
6455:	77	32	46	76	32	45	550850.17710	550850.51537	-0.33827	0.10000	0.00000	550850.51537	-0.33827	0.5000
6456:	77	32	46	76	32	44	550850.17710	550850.51537	-0.33827	0.10000	0.00000	550850.51537	-0.33827	0.5000
6457:	86	7	80	85	7	79	550954.72616	550954.78463	-0.05847	0.10000	0.00000	550954.78463	-0.05847	0.2500
6458:	86	6	80	85	6	79	550954.72616	550954.78463	-0.05847	0.10000	0.00000	550954.78463	-0.05847	0.2500
6459:	86	6	80	85	7	79	550954.72616	550954.78463	-0.05847	0.10000	0.00000	550954.78463	-0.05847	0.2500
6460:	86	7	80	85	6	79	550954.72616	550954.78463	-0.05847	0.10000	0.00000	550954.78463	-0.05847	0.2500
6461:	87	6	82	86	6	81	551205.96880	551206.01831	-0.04951	0.10000	0.00000	551206.01831	-0.04951	0.2500
6462:	87	5	82	86	6	81	551205.96880	551206.01831	-0.04951	0.10000	0.00000	551206.01831	-0.04951	0.2500
6463:	87	6	82	86	5	81	551205.96880	551206.01831	-0.04951	0.10000	0.00000	551206.01831	-0.04951	0.2500
6464:	87	5	82	86	5	81	551205.96880	551206.01831	-0.04951	0.10000	0.00000	551206.01831	-0.04951	0.2500
6465:	76	24	53	75	24	52	551323.98145	551323.97448	0.00698	0.10000	0.00000			
6466:	76	24	52	75	24	51	551326.24776	551326.18364	0.06412	0.10000	0.00000			
6467:	78	15	64	77	15	63	551410.33988	551410.27203	0.06785	0.10000	0.00000			
6468:	78	14	64	77	14	63	551444.76184	551444.71569	0.04615	0.10000	0.00000			
6469:	88	5	84	87	5	83	551472.92628	551472.96327	-0.03699	0.10000	0.00000	551472.96327	-0.03699	0.3333
6470:	88	5	84	87	4	83	551472.92628	551472.96327	-0.03699	0.10000	0.00000	551472.96327	-0.03699	0.3333
6471:	88	4	84	87	4	83	551472.92628	551472.96327	-0.03699	0.10000	0.00000	551472.96327	-0.03699	0.3333
6472:	77	31	47	76	31	46	551498.63119	551498.41608	0.21511	0.10000	0.00000	551498.54377	0.08742	0.3333
6473:	77	31	46	76	31	45	551498.63119	551498.41608	0.21511	0.10000	0.00000	551498.54377	0.08742	0.3333
6474:	78	15	64	77	14	63	551498.63119	551498.79915	-0.16796	0.10000	0.00000	551498.54377	0.08742	0.3333
6475:	89	3	86	88	4	85	551750.22107	551750.32269	-0.10161	0.10000	0.00000	551750.32269	-0.10161	0.2500
6476:	89	4	86	88	3	85	551750.22107	551750.32269	-0.10161	0.10000	0.00000	551750.32269	-0.10161	0.2500
6477:	89	4	86	88	4	85	551750.22107	551750.32269	-0.10161	0.10000	0.00000	551750.32269	-0.10161	0.2500
6478:	89	3	86	88	3	85	551750.22107	551750.32269	-0.10161	0.10000	0.00000	551750.32269	-0.10161	0.2500
6479:	90	3	88	89	2	87	552034.01135	552034.04597	-0.03462	0.10000	0.00000	552034.04597	-0.03462	0.2500
6480:	90	2	88	89	2	87	552034.01135	552034.04597	-0.03462	0.10000	0.00000	552034.04597	-0.03462	0.2500
6481:	90	2	88	89	3	87	552034.01135	552034.04597	-0.03462	0.10000	0.00000	552034.04597	-0.03462	0.2500

6482:	90	3	88	89	3	87	552034.01135	552034.04597	-0.03462	0.10000	0.00000	552034.04597	-0.03462	0.2500
6483:	75	16	59	74	16	58	552139.29038	552139.23537	0.05501	0.10000	0.00000			
6484:	77	30	48	76	30	47	552216.22551	552216.06052	0.16499	0.10000	0.00000			
6485:	91	2	90	90	2	89	552320.96495	552320.99822	-0.03326	0.10000	0.00000	552320.99822	-0.03326	0.2500
6486:	91	1	90	90	1	89	552320.96495	552320.99822	-0.03326	0.10000	0.00000	552320.99822	-0.03326	0.2500
6487:	91	1	90	90	2	89	552320.96495	552320.99822	-0.03326	0.10000	0.00000	552320.99822	-0.03326	0.2500
6488:	91	2	90	90	1	89	552320.96495	552320.99822	-0.03326	0.10000	0.00000	552320.99822	-0.03326	0.2500
6489:	43	18	26	42	17	25	552364.94310	552364.96739	-0.02429	0.10000	0.00000	552364.97980	-0.03670	0.5000
6490:	43	18	25	42	17	26	552364.94310	552364.99221	-0.04911	0.10000	0.00000	552364.97980	-0.03670	0.5000
6491:	75	18	58	74	18	57	552389.92914	552389.80664	0.12250	0.10000	0.00000			
6492:	77	16	62	76	16	61	552464.81444	552464.90519	-0.09075	0.10000	0.00000			
6493:	75	20	56	74	20	55	552480.51312	552480.48104	0.03208	0.10000	0.00000			
6494:	92	1	92	91	0	91	552608.69209	552608.72840	-0.03630	0.10000	0.00000	552608.72840	-0.03630	0.2500
6495:	92	0	92	91	0	91	552608.69209	552608.72840	-0.03630	0.10000	0.00000	552608.72840	-0.03630	0.2500
6496:	92	0	92	91	1	91	552608.69209	552608.72840	-0.03630	0.10000	0.00000	552608.72840	-0.03630	0.2500
6497:	92	1	92	91	1	91	552608.69209	552608.72840	-0.03630	0.10000	0.00000	552608.72840	-0.03630	0.2500
6498:	77	15	62	76	15	61	552867.41060	552867.31053	0.10007	0.10000	0.00000			
6499:	77	29	48	76	29	47	553016.35728	553016.30611	0.05117	0.10000	0.00000	553016.30610	0.05118	0.5000
6500:	77	29	49	76	29	48	553016.35728	553016.30610	0.05119	0.10000	0.00000	553016.30610	0.05118	0.5000
6501:	76	23	54	75	23	53	553143.52704	553143.46366	0.06338	0.10000	0.00000			
6502:	76	23	53	75	23	52	553163.09565	553162.99417	0.10148	0.10000	0.00000			
6503:	41	19	23	40	18	22	553382.06384	553381.92079	0.14305	0.10000	0.00000	553381.92089	0.14295	0.5000
6504:	41	19	22	40	18	23	553382.06384	553381.92099	0.14285	0.10000	0.00000	553381.92089	0.14295	0.5000
6505:	52	15	38	51	14	37	553453.20588	553453.20335	0.00253	0.10000	0.00000			
6506:	65	16	50	64	15	49	553462.45970	553462.44314	0.01656	0.10000	0.00000			
6507:	76	17	60	75	17	59	553524.82532	553524.81222	0.01310	0.10000	0.00000			
6508:	78	42	36	77	42	35	553835.43223	553835.73816	-0.30592	0.10000	0.00000	553835.73816	-0.30592	0.5000
6509:	78	42	37	77	42	36	553835.43223	553835.73816	-0.30592	0.10000	0.00000	553835.73816	-0.30592	0.5000
6510:	75	19	57	74	19	56	553900.38232	553900.37610	0.00623	0.10000	0.00000			
6511:	77	28	49	76	28	48	553915.61931	553915.55601	0.06331	0.10000	0.00000	553915.55590	0.06342	0.5000
6512:	77	28	50	76	28	49	553915.61931	553915.55579	0.06353	0.10000	0.00000	553915.55590	0.06342	0.5000
6513:	39	20	19	38	19	20	554037.82103	554037.82467	-0.00364	0.10000	0.00000	554037.82467	-0.00364	0.5000
6514:	39	20	20	38	19	19	554037.82103	554037.82467	-0.00364	0.10000	0.00000	554037.82467	-0.00364	0.5000
6515:	48	16	33	47	15	32	554145.30614	554145.54490	-0.23875	0.10000	0.00000			
6516:	78	41	38	77	41	37	554148.05443	554148.12884	-0.07441	0.10000	0.00000	554148.12884	-0.07441	0.5000
6517:	78	41	37	77	41	36	554148.05443	554148.12884	-0.07441	0.10000	0.00000	554148.12884	-0.07441	0.5000
6518:	48	16	32	47	15	33	554309.16918	554309.16060	0.00857	0.10000	0.00000			
6519:	55	15	41	54	14	40	554390.73069	554390.79171	-0.06101	0.10000	0.00000			
6520:	37	21	16	36	20	17	554475.36284	554475.33721	0.02563	0.10000	0.00000	554475.33721	0.02563	0.5000
6521:	37	21	17	36	20	16	554475.36284	554475.33721	0.02563	0.10000	0.00000	554475.33721	0.02563	0.5000
6522:	78	40	38	77	40	37	554479.91728	554479.97317	-0.05589	0.10000	0.00000	554479.97317	-0.05589	0.5000
6523:	78	40	39	77	40	38	554479.91728	554479.97317	-0.05589	0.10000	0.00000	554479.97317	-0.05589	0.5000
6524:	73	18	55	72	18	54	554569.31228	554569.33716	-0.02488	0.10000	0.00000			
6525:	35	22	14	34	21	13	554779.21045	554779.24437	-0.03392	0.10000	0.00000	554779.24437	-0.03392	0.5000
6526:	35	22	13	34	21	14	554779.21045	554779.24438	-0.03392	0.10000	0.00000	554779.24437	-0.03392	0.5000
6527:	78	39	40	77	39	39	554833.41393	554833.59782	-0.18389	0.10000	0.00000			
6528:	74	19	55	73	19	54	554872.01694	554871.93888	0.07806	0.10000	0.00000			
6529:	77	27	50	76	27	49	554935.30969	554935.21912	0.09057	0.10000	0.00000			
6530:	33	23	10	32	22	11	555001.72522	555001.73916	-0.01394	0.10000	0.00000	555001.73916	-0.01394	0.5000

6531:	33	23	11	32	22	10	555001.72522	555001.73916	-0.01394	0.10000	0.00000	555001.73916	-0.01394	0.5000
6532:	73	17	56	72	17	55	555032.58738	555032.36778	0.21960	0.10000	0.00000			
6533:	31	24	8	30	23	7	555175.57406	555175.57109	0.00297	0.10000	0.00000			
6534:	78	38	41	77	38	40	555211.59455	555211.68319	-0.08864	0.10000	0.00000			
6535:	29	25	5	28	24	4	555321.33658	555321.43251	-0.09593	0.10000	0.00000	555321.43251	-0.09593	0.5000
6536:	29	25	4	28	24	5	555321.33658	555321.43251	-0.09593	0.10000	0.00000	555321.43251	-0.09593	0.5000
6537:	53	15	39	52	14	38	555338.27394	555338.33995	-0.06601	0.10000	0.00000			
6538:	76	22	55	75	22	54	555354.41152	555354.34645	0.06508	0.10000	0.00000			
6539:	27	26	2	26	25	1	555452.31438	555452.34073	-0.02635	0.10000	0.00000			
6540:	76	22	54	75	22	53	555502.94467	555502.89259	0.05208	0.10000	0.00000			
6541:	78	37	42	77	37	41	555617.22767	555617.33473	-0.10706	0.10000	0.00000	555617.33473	-0.10706	0.5000
6542:	78	37	41	77	37	40	555617.22767	555617.33473	-0.10706	0.10000	0.00000	555617.33473	-0.10706	0.5000
6543:	75	20	55	74	20	54	555661.42235	555661.35073	0.07162	0.10000	0.00000			
6544:	54	15	40	53	14	39	555727.51581	555727.87802	-0.36221	0.10000	0.00000			
6545:	78	36	43	77	36	42	556054.15006	556054.17281	-0.02275	0.10000	0.00000	556054.17281	-0.02275	0.5000
6546:	78	36	42	77	36	41	556054.15006	556054.17281	-0.02275	0.10000	0.00000	556054.17281	-0.02275	0.5000
6547:	77	26	51	76	26	50	556104.11052	556104.05408	0.05645	0.10000	0.00000			
6548:	82	12	71	81	12	70	556207.36360	556207.37816	-0.01457	0.10000	0.00000	556207.37959	-0.01599	0.2500
6549:	82	11	71	81	12	70	556207.36360	556207.37458	-0.01098	0.10000	0.00000	556207.37959	-0.01599	0.2500
6550:	82	11	71	81	11	70	556207.36360	556207.38102	-0.01742	0.10000	0.00000	556207.37959	-0.01599	0.2500
6551:	82	12	71	81	11	70	556207.36360	556207.38460	-0.02100	0.10000	0.00000	556207.37959	-0.01599	0.2500
6552:	83	10	73	82	11	72	556216.63975	556216.59478	0.04497	0.10000	0.00000	556216.59493	0.04482	0.3333
6553:	83	11	73	82	11	72	556216.63975	556216.59490	0.04485	0.10000	0.00000	556216.59493	0.04482	0.3333
6554:	83	11	73	82	10	72	556216.63975	556216.59511	0.04463	0.10000	0.00000	556216.59493	0.04482	0.3333
6555:	84	10	75	83	9	74	556311.70590	556312.11234	-0.40645	0.10000	0.00000	556312.11234	-0.40644	0.2500
6556:	84	9	75	83	9	74	556311.70590	556312.11234	-0.40644	0.10000	0.00000	556312.11234	-0.40644	0.2500
6557:	84	9	75	83	10	74	556311.70590	556312.11233	-0.40644	0.10000	0.00000	556312.11234	-0.40644	0.2500
6558:	84	10	75	83	10	74	556311.70590	556312.11234	-0.40644	0.10000	0.00000	556312.11234	-0.40644	0.2500
6559:	81	12	69	80	13	68	556322.96214	556322.88010	0.08204	0.10000	0.00000	556323.00563	-0.04349	0.2500
6560:	81	13	69	80	13	68	556322.96214	556322.97136	-0.00922	0.10000	0.00000	556323.00563	-0.04349	0.2500
6561:	81	13	69	80	12	68	556322.96214	556323.13117	-0.16903	0.10000	0.00000	556323.00563	-0.04349	0.2500
6562:	81	12	69	80	12	68	556322.96214	556323.03991	-0.07777	0.10000	0.00000	556323.00563	-0.04349	0.2500
6563:	85	9	77	84	8	76	556468.52963	556468.52379	0.00584	0.10000	0.00000	556468.52379	0.00584	0.3333
6564:	85	9	77	84	9	76	556468.52963	556468.52379	0.00584	0.10000	0.00000	556468.52379	0.00584	0.3333
6565:	85	8	77	84	9	76	556468.52963	556468.52379	0.00584	0.10000	0.00000	556468.52379	0.00584	0.3333
6566:	78	35	43	77	35	42	556526.37624	556526.44775	-0.07151	0.10000	0.00000	556526.44775	-0.07151	0.5000
6567:	78	35	44	77	35	43	556526.37624	556526.44775	-0.07151	0.10000	0.00000	556526.44775	-0.07151	0.5000
6568:	80	13	67	79	14	66	556622.41888	556622.89499	-0.47611	0.10000	0.00000			
6569:	80	14	67	79	14	66	556624.66719	556624.81228	-0.14509	0.10000	0.00000			
6570:	86	8	79	85	7	78	556668.28944	556668.34411	-0.05467	0.10000	0.00000	556668.34411	-0.05467	0.3333
6571:	86	7	79	85	7	78	556668.28944	556668.34411	-0.05467	0.10000	0.00000	556668.34411	-0.05467	0.3333
6572:	86	8	79	85	8	78	556668.28944	556668.34411	-0.05467	0.10000	0.00000	556668.34411	-0.05467	0.3333
6573:	76	16	60	75	16	59	556797.62795	556797.62258	0.00537	0.10000	0.00000			
6574:	87	7	81	86	6	80	556899.10060	556899.14178	-0.04118	0.10000	0.00000	556899.14178	-0.04118	0.2500
6575:	87	6	81	86	6	80	556899.10060	556899.14178	-0.04118	0.10000	0.00000	556899.14178	-0.04118	0.2500
6576:	87	6	81	86	7	80	556899.10060	556899.14178	-0.04118	0.10000	0.00000	556899.14178	-0.04118	0.2500
6577:	87	7	81	86	7	80	556899.10060	556899.14178	-0.04118	0.10000	0.00000	556899.14178	-0.04118	0.2500
6578:	78	34	44	77	34	43	557039.13689	557039.18854	-0.05165	0.10000	0.00000	557039.18854	-0.05165	0.5000
6579:	78	34	45	77	34	44	557039.13689	557039.18854	-0.05165	0.10000	0.00000	557039.18854	-0.05165	0.5000

6580:	88	5	83	87	6	82	557151.82750	557151.84977	-0.02227	0.10000	0.00000	557151.84977	-0.02227	0.5000
6581:	88	6	83	87	6	82	557151.82750	557151.84977	-0.02227	0.10000	0.00000	557151.84977	-0.02227	0.5000
6582:	79	15	65	78	15	64	557213.04890	557213.04961	-0.00071	0.10000	0.00000			
6583:	79	14	65	78	14	64	557234.63410	557234.29028	0.34383	0.10000	0.00000			
6584:	46	17	30	45	16	29	557310.49689	557310.60860	-0.11171	0.10000	0.00000			
6585:	46	17	29	45	16	30	557314.46711	557314.47145	-0.00434	0.10000	0.00000			
6586:	89	5	85	88	5	84	557419.69413	557419.71818	-0.02405	0.10000	0.00000	557419.71818	-0.02405	0.2500
6587:	89	4	85	88	5	84	557419.69413	557419.71818	-0.02405	0.10000	0.00000	557419.71818	-0.02405	0.2500
6588:	89	4	85	88	4	84	557419.69413	557419.71818	-0.02405	0.10000	0.00000	557419.71818	-0.02405	0.2500
6589:	89	5	85	88	4	84	557419.69413	557419.71818	-0.02405	0.10000	0.00000	557419.71818	-0.02405	0.2500
6590:	77	25	52	76	25	51	557462.13885	557462.24390	-0.10506	0.10000	0.00000	557462.04225	0.09660	0.5000
6591:	77	25	53	76	25	52	557462.13885	557461.84059	0.29825	0.10000	0.00000	557462.04225	0.09660	0.5000
6592:	78	33	46	77	33	45	557598.40786	557598.39856	0.00930	0.10000	0.00000	557598.39856	0.00930	0.5000
6593:	78	33	45	77	33	44	557598.40786	557598.39856	0.00930	0.10000	0.00000	557598.39856	0.00930	0.5000
6594:	90	4	87	89	3	86	557697.58058	557697.63727	-0.05669	0.10000	0.00000	557697.63727	-0.05669	0.2500
6595:	90	3	87	89	3	86	557697.58058	557697.63727	-0.05669	0.10000	0.00000	557697.63727	-0.05669	0.2500
6596:	90	3	87	89	4	86	557697.58058	557697.63727	-0.05669	0.10000	0.00000	557697.63727	-0.05669	0.2500
6597:	90	4	87	89	4	86	557697.58058	557697.63727	-0.05669	0.10000	0.00000	557697.63727	-0.05669	0.2500
6598:	76	21	56	75	21	55	557952.03195	557952.45309	-0.42114	0.10000	0.00000			
6599:	91	3	89	90	2	88	557981.56792	557981.68483	-0.11692	0.10000	0.00000	557981.68483	-0.11692	0.2500
6600:	91	2	89	90	2	88	557981.56792	557981.68483	-0.11692	0.10000	0.00000	557981.68483	-0.11692	0.2500
6601:	91	2	89	90	3	88	557981.56792	557981.68483	-0.11692	0.10000	0.00000	557981.68483	-0.11692	0.2500
6602:	91	3	89	90	3	88	557981.56792	557981.68483	-0.11692	0.10000	0.00000	557981.68483	-0.11692	0.2500
6603:	78	16	63	77	16	62	558208.09210	558208.07234	0.01976	0.10000	0.00000			
6604:	78	32	46	77	32	45	558211.38592	558211.31728	0.06864	0.10000	0.00000	558211.35496	0.03096	0.3333
6605:	78	32	47	77	32	46	558211.38592	558211.31728	0.06864	0.10000	0.00000	558211.35496	0.03096	0.3333
6606:	45	8	37	45	6	40	558211.38592	558211.43031	-0.04439	0.10000	0.00000	558211.35496	0.03096	0.3333
6607:	92	1	91	91	1	90	558268.78194	558268.81479	-0.03285	0.10000	0.00000	558268.81479	-0.03285	0.2500
6608:	92	1	91	91	2	90	558268.78194	558268.81479	-0.03285	0.10000	0.00000	558268.81479	-0.03285	0.2500
6609:	92	2	91	91	1	90	558268.78194	558268.81479	-0.03285	0.10000	0.00000	558268.81479	-0.03285	0.2500
6610:	92	2	91	91	2	90	558268.78194	558268.81479	-0.03285	0.10000	0.00000	558268.81479	-0.03285	0.2500
6611:	78	15	63	77	15	62	558468.53235	558468.55021	-0.01785	0.10000	0.00000			
6612:	93	1	93	92	1	92	558556.59325	558556.63778	-0.04453	0.10000	0.00000	558556.63778	-0.04453	0.3333
6613:	93	0	93	92	0	92	558556.59325	558556.63778	-0.04453	0.10000	0.00000	558556.63778	-0.04453	0.3333
6614:	93	1	93	92	0	92	558556.59325	558556.63778	-0.04453	0.10000	0.00000	558556.63778	-0.04453	0.3333
6615:	78	31	48	77	31	47	558886.80358	558886.77761	0.02596	0.10000	0.00000			
6616:	76	21	55	75	21	54	558892.52362	558892.41530	0.10832	0.10000	0.00000			
6617:	76	18	59	75	18	58	558953.09108	558953.07515	0.01592	0.10000	0.00000			
6618:	77	24	54	76	24	53	559065.87643	559065.82888	0.04756	0.10000	0.00000			
6619:	77	24	53	76	24	52	559070.00273	559069.74226	0.26046	0.10000	0.00000			
6620:	44	18	27	43	17	26	559129.20232	559129.23392	-0.03160	0.10000	0.00000	559129.26191	-0.05960	0.5000
6621:	44	18	26	43	17	27	559129.20232	559129.28991	-0.08760	0.10000	0.00000	559129.26191	-0.05960	0.5000
6622:	77	17	61	76	17	60	559386.78566	559386.92079	-0.13512	0.10000	0.00000			
6623:	78	30	48	77	30	47	559635.78126	559635.70502	0.07625	0.10000	0.00000	559635.70501	0.07625	0.5000
6624:	78	30	49	77	30	48	559635.78126	559635.70501	0.07625	0.10000	0.00000	559635.70501	0.07625	0.5000
6625:	49	16	34	48	15	33	560231.78590	560232.01391	-0.22801	0.10000	0.00000			
6626:	42	19	23	41	18	24	560257.90221	560257.89047	0.01174	0.10000	0.00000	560257.89022	0.01199	0.5000
6627:	42	19	24	41	18	23	560257.90221	560257.88997	0.01224	0.10000	0.00000	560257.89022	0.01199	0.5000
6628:	76	20	57	75	20	56	560433.86236	560433.84846	0.01390	0.10000	0.00000			

6629:	79	44	36	78	44	35	560441.35051	560441.47920	-0.12869	0.10000	0.00000	560441.47920	-0.12869	0.5000
6630:	79	44	35	78	44	34	560441.35051	560441.47920	-0.12869	0.10000	0.00000	560441.47920	-0.12869	0.5000
6631:	78	29	50	77	29	49	560471.89078	560471.83413	0.05665	0.10000	0.00000			
6632:	49	16	33	48	15	34	560527.32389	560527.63047	-0.30659	0.10000	0.00000			
6633:	74	17	57	73	17	56	560618.39052	560618.49385	-0.10332	0.10000	0.00000			
6634:	40	20	20	39	19	21	560984.48142	560984.50296	-0.02153	0.10000	0.00000	560984.50296	-0.02153	0.5000
6635:	40	20	21	39	19	20	560984.48142	560984.50295	-0.02153	0.10000	0.00000	560984.50296	-0.02153	0.5000
6636:	77	23	55	76	23	54	560996.52515	560996.45941	0.06574	0.10000	0.00000			
6637:	77	23	54	76	23	53	561029.67182	561029.65421	0.01761	0.10000	0.00000			
6638:	79	42	38	78	42	37	561035.66905	561035.94387	-0.27482	0.10000	0.00000			
6639:	76	19	58	75	19	57	561309.11791	561309.06299	0.05492	0.10000	0.00000			
6640:	78	28	50	77	28	49	561412.86490	561412.77181	0.09309	0.10000	0.00000			
6641:	38	21	17	37	20	18	561467.56547	561467.58189	-0.01642	0.10000	0.00000	561467.58189	-0.01642	0.5000
6642:	38	21	18	37	20	17	561467.56547	561467.58189	-0.01642	0.10000	0.00000	561467.58189	-0.01642	0.5000
6643:	77	16	61	76	16	60	561680.70894	561680.72499	-0.01605	0.10000	0.00000			
6644:	79	40	39	78	40	38	561703.07379	561703.44751	-0.37371	0.10000	0.00000	561703.44751	-0.37371	0.5000
6645:	79	40	40	78	40	39	561703.07379	561703.44751	-0.37371	0.10000	0.00000	561703.44751	-0.37371	0.5000
6646:	36	22	15	35	21	14	561800.87179	561800.88307	-0.01128	0.10000	0.00000			
6647:	34	23	12	33	22	11	562042.04040	562042.07471	-0.03430	0.10000	0.00000			
6648:	79	39	41	78	39	40	562069.96062	562070.11184	-0.15121	0.10000	0.00000			
6649:	83	11	72	82	12	71	562120.18233	562120.14586	0.03647	0.10000	0.00000	562120.14891	0.03342	0.3333
6650:	83	12	72	82	11	71	562120.18233	562120.15143	0.03090	0.10000	0.00000	562120.14891	0.03342	0.3333
6651:	83	11	72	82	11	71	562120.18233	562120.14944	0.03289	0.10000	0.00000	562120.14891	0.03342	0.3333
6652:	84	10	74	83	10	73	562141.48888	562141.52977	-0.04089	0.10000	0.00000	562141.52974	-0.04086	0.2500
6653:	84	10	74	83	11	73	562141.48888	562141.52965	-0.04077	0.10000	0.00000	562141.52974	-0.04086	0.2500
6654:	84	11	74	83	11	73	562141.48888	562141.52971	-0.04084	0.10000	0.00000	562141.52974	-0.04086	0.2500
6655:	84	11	74	83	10	73	562141.48888	562141.52983	-0.04095	0.10000	0.00000	562141.52974	-0.04086	0.2500
6656:	82	13	70	81	13	69	562216.66012	562216.56931	0.09082	0.10000	0.00000	562216.58897	0.07115	0.2500
6657:	82	13	70	81	12	69	562216.66012	562216.66057	-0.00044	0.10000	0.00000	562216.58897	0.07115	0.2500
6658:	82	12	70	81	13	69	562216.66012	562216.51738	0.14274	0.10000	0.00000	562216.58897	0.07115	0.2500
6659:	82	12	70	81	12	69	562216.66012	562216.60864	0.05148	0.10000	0.00000	562216.58897	0.07115	0.2500
6660:	32	24	9	31	23	8	562227.38766	562227.42251	-0.03486	0.10000	0.00000	562227.42251	-0.03486	0.5000
6661:	32	24	8	31	23	9	562227.38766	562227.42251	-0.03486	0.10000	0.00000	562227.42251	-0.03486	0.5000
6662:	85	10	76	84	9	75	562244.95014	562244.92830	0.02184	0.10000	0.00000	562244.92830	0.02184	0.2500
6663:	85	9	76	84	9	75	562244.95014	562244.92830	0.02184	0.10000	0.00000	562244.92830	0.02184	0.2500
6664:	85	9	76	84	10	75	562244.95014	562244.92830	0.02184	0.10000	0.00000	562244.92830	0.02184	0.2500
6665:	85	10	76	84	10	75	562244.95014	562244.92830	0.02184	0.10000	0.00000	562244.92830	0.02184	0.2500
6666:	30	25	6	29	24	5	562379.94212	562379.95749	-0.01537	0.10000	0.00000	562379.95749	-0.01537	0.5000
6667:	30	25	5	29	24	6	562379.94212	562379.95749	-0.01537	0.10000	0.00000	562379.95749	-0.01537	0.5000
6668:	86	9	78	85	9	77	562406.37839	562406.49949	-0.12111	0.10000	0.00000	562406.49949	-0.12111	0.2500
6669:	86	9	78	85	8	77	562406.37839	562406.49949	-0.12111	0.10000	0.00000	562406.49949	-0.12111	0.2500
6670:	86	8	78	85	8	77	562406.37839	562406.49949	-0.12111	0.10000	0.00000	562406.49949	-0.12111	0.2500
6671:	86	8	78	85	9	77	562406.37839	562406.49949	-0.12111	0.10000	0.00000	562406.49949	-0.12111	0.2500
6672:	79	38	41	78	38	40	562462.13450	562462.33895	-0.20445	0.10000	0.00000	562462.33895	-0.20445	0.5000
6673:	79	38	42	78	38	41	562462.13450	562462.33895	-0.20445	0.10000	0.00000	562462.33895	-0.20445	0.5000
6674:	78	27	52	77	27	51	562481.75934	562481.63197	0.12736	0.10000	0.00000	562481.63492	0.12442	0.5000
6675:	78	27	51	77	27	50	562481.75934	562481.63786	0.12148	0.10000	0.00000	562481.63492	0.12442	0.5000
6676:	74	17	58	73	16	57	562487.58086	562487.84456	-0.26370	0.10000	0.00000	562487.72852	-0.14766	0.3333
6677:	81	14	68	80	14	67	562487.58086	562487.27252	0.30834	0.10000	0.00000	562487.72852	-0.14766	0.3333

6678:	81	13	68	80	13	67	562487.58086	562488.06849	-0.48763	0.10000	0.00000	562487.72852	-0.14766	0.33333
6679:	28	26	3	27	25	2	562514.26319	562514.29048	-0.02729	0.10000	0.00000	562514.29048	-0.02729	0.5000
6680:	28	26	2	27	25	3	562514.26319	562514.29048	-0.02729	0.10000	0.00000	562514.29048	-0.02729	0.5000
6681:	87	8	80	86	8	79	562609.70737	562609.70443	0.00294	0.10000	0.00000	562609.70443	0.00294	0.2500
6682:	87	7	80	86	7	79	562609.70737	562609.70443	0.00294	0.10000	0.00000	562609.70443	0.00294	0.2500
6683:	87	8	80	86	7	79	562609.70737	562609.70443	0.00294	0.10000	0.00000	562609.70443	0.00294	0.2500
6684:	87	7	80	86	8	79	562609.70737	562609.70443	0.00294	0.10000	0.00000	562609.70443	0.00294	0.2500
6685:	88	6	82	87	6	81	562842.68833	562842.70946	-0.02113	0.10000	0.00000	562842.70946	-0.02113	0.5000
6686:	88	7	82	87	6	81	562842.68833	562842.70946	-0.02113	0.10000	0.00000	562842.70946	-0.02113	0.5000
6687:	80	15	66	79	15	65	563024.61243	563024.58837	0.02406	0.10000	0.00000			
6688:	80	14	66	79	14	65	563037.61998	563037.60028	0.01970	0.10000	0.00000			
6689:	89	5	84	88	6	83	563096.82317	563096.83757	-0.01439	0.10000	0.00000	563096.83757	-0.01439	0.33333
6690:	89	6	84	88	5	83	563096.82317	563096.83757	-0.01439	0.10000	0.00000	563096.83757	-0.01439	0.33333
6691:	89	6	84	88	6	83	563096.82317	563096.83757	-0.01439	0.10000	0.00000	563096.83757	-0.01439	0.33333
6692:	79	36	43	78	36	42	563337.39277	563337.05844	0.33433	0.10000	0.00000	563337.28381	0.10896	0.33333
6693:	77	22	56	76	22	55	563337.39277	563337.73454	-0.34178	0.10000	0.00000	563337.28381	0.10896	0.33333
6694:	79	36	44	78	36	43	563337.39277	563337.05844	0.33433	0.10000	0.00000	563337.28381	0.10896	0.33333
6695:	90	5	86	89	5	85	563365.51451	563365.59951	-0.08500	0.10000	0.00000	563365.59951	-0.08500	0.5000
6696:	90	4	86	89	4	85	563365.51451	563365.59951	-0.08500	0.10000	0.00000	563365.59951	-0.08500	0.5000
6697:	77	22	55	76	22	54	563578.94956	563578.70135	-0.05178	0.10000	0.00000			
6698:	74	18	56	73	18	55	563587.29746	563587.35462	-0.05715	0.10000	0.00000			
6699:	91	4	88	90	3	87	563644.02392	563644.06293	-0.03901	0.10000	0.00000	563644.06293	-0.03901	0.2500
6700:	91	3	88	90	3	87	563644.02392	563644.06293	-0.03901	0.10000	0.00000	563644.06293	-0.03901	0.2500
6701:	91	3	88	90	4	87	563644.02392	563644.06293	-0.03901	0.10000	0.00000	563644.06293	-0.03901	0.2500
6702:	91	4	88	90	4	87	563644.02392	563644.06293	-0.03901	0.10000	0.00000	563644.06293	-0.03901	0.2500
6703:	78	26	53	77	26	52	563709.76405	563709.76195	0.09210	0.10000	0.00000	563709.76670	0.05735	0.5000
6704:	78	26	52	77	26	51	563709.76405	563709.74145	0.02260	0.10000	0.00000	563709.76670	0.05735	0.5000
6705:	79	35	45	78	35	44	563827.70984	563827.82483	-0.11499	0.10000	0.00000			
6706:	47	17	31	46	16	30	563835.78425	563835.86575	-0.08150	0.10000	0.00000			
6707:	47	17	30	46	16	31	563843.70877	563843.56520	0.14357	0.10000	0.00000			
6708:	52	15	37	51	14	38	563891.44929	563891.74818	-0.29890	0.10000	0.00000			
6709:	92	2	90	91	2	89	563928.37108	563928.42790	-0.05682	0.10000	0.00000	563928.42790	-0.05682	0.2500
6710:	92	2	90	91	3	89	563928.37108	563928.42790	-0.05682	0.10000	0.00000	563928.42790	-0.05682	0.2500
6711:	92	3	90	91	3	89	563928.37108	563928.42790	-0.05682	0.10000	0.00000	563928.42790	-0.05682	0.2500
6712:	92	3	90	91	2	89	563928.37108	563928.42790	-0.05682	0.10000	0.00000			
6713:	79	16	64	78	16	63	563954.64413	563954.60022	0.04391	0.10000	0.00000			
6714:	79	15	64	78	15	63	564121.60064	564121.57491	0.02573	0.10000	0.00000			
6715:	93	2	92	92	1	91	564215.69693	564215.73327	-0.03634	0.10000	0.00000	564215.73327	-0.03634	0.33333
6716:	93	1	92	92	2	91	564215.69693	564215.73327	-0.03634	0.10000	0.00000	564215.73327	-0.03634	0.33333
6717:	93	2	92	92	2	91	564215.69693	564215.73327	-0.03634	0.10000	0.00000	564215.73327	-0.03634	0.33333
6718:	79	34	46	78	34	44	564361.00837	564360.98504	0.02332	0.10000	0.00000	564360.98504	0.02332	0.5000
6719:	79	34	46	78	34	45	564361.00837	564360.98504	0.02332	0.10000	0.00000	564360.98504	0.02332	0.5000
6720:	94	1	94	93	0	93	564503.54300	564503.64889	-0.10589	0.10000	0.00000	564503.64889	-0.10589	0.2500
6721:	94	0	94	93	0	93	564503.54300	564503.64889	-0.10589	0.10000	0.00000	564503.64889	-0.10589	0.2500
6722:	94	0	94	93	1	93	564503.54300	564503.64889	-0.10589	0.10000	0.00000	564503.64889	-0.10589	0.2500
6723:	94	1	94	93	1	93	564503.54300	564503.64889	-0.10589	0.10000	0.00000	564503.64889	-0.10589	0.2500
6724:	79	33	46	78	33	45	564942.91025	564942.87727	0.03299	0.10000	0.00000			
6725:	75	19	56	74	19	55	564947.16015	564947.18143	-0.02128	0.10000	0.00000			
6726:	76	20	56	75	20	55	564999.03815	564998.98325	0.05490	0.10000	0.00000			

6727:	78	25	53	77	25	52	565141.07548	565141.37333	-0.29785	0.10000	0.00000	565141.00650	0.06899	0.5000
6728:	78	25	54	77	25	53	565141.07548	565140.63966	0.43582	0.10000	0.00000	565141.00650	0.06899	0.5000
6729:	78	17	62	77	17	61	565188.12032	565188.11725	0.00307	0.10000	0.00000			
6730:	77	18	60	76	18	59	565327.43391	565327.41162	0.02229	0.10000	0.00000			
6731:	75	17	58	74	17	57	565522.42476	565522.36903	0.05573	0.10000	0.00000			
6732:	79	32	48	78	32	47	565591.10686	565581.16256	-0.05571	0.10000	0.00000	565581.16256	-0.05571	0.5000
6733:	79	32	47	78	32	46	565591.10686	565581.16256	-0.05571	0.10000	0.00000	565581.16256	-0.05571	0.5000
6734:	45	18	27	44	17	27	565860.15671	565860.14533	0.01138	0.10000	0.00000	565860.20704	-0.05033	0.5000
6735:	45	18	28	44	17	28	565860.15671	565860.26875	-0.11204	0.10000	0.00000	565860.20704	-0.05033	0.5000
6736:	77	21	57	76	21	56	566015.24986	566015.22840	0.02146	0.10000	0.00000			
6737:	50	16	35	49	15	34	566160.52673	566160.77146	-0.24472	0.10000	0.00000			
6738:	79	31	48	78	31	47	566285.26174	566285.21423	0.04751	0.10000	0.00000	566285.21423	0.04751	0.5000
6739:	79	31	49	78	31	48	566285.26174	566285.21423	0.04751	0.10000	0.00000	566285.21423	0.04751	0.5000
6740:	50	16	34	49	15	35	566684.71128	566684.79116	-0.07988	0.10000	0.00000			
6741:	78	16	62	77	16	61	566764.76148	566764.74687	0.01461	0.10000	0.00000			
6742:	78	24	55	77	24	54	566837.56593	566837.42195	0.14398	0.10000	0.00000			
6743:	78	24	54	77	24	53	566844.32000	566844.27112	0.04888	0.10000	0.00000			
6744:	79	30	49	78	30	48	567066.72899	567066.66514	0.06385	0.10000	0.00000			
6745:	43	19	24	42	18	25	567111.40930	567111.63448	-0.22518	0.10000	0.00000			
6746:	77	21	56	76	21	55	567453.45519	567453.54856	-0.09336	0.10000	0.00000			
6747:	41	20	22	40	19	21	567915.87056	567915.91809	-0.04753	0.10000	0.00000	567915.91810	-0.04753	0.5000
6748:	41	20	21	40	19	22	567915.87056	567915.91810	-0.04754	0.10000	0.00000	567915.91810	-0.04753	0.5000
6749:	80	43	38	79	43	37	567923.45392	567923.97204	-0.51812	0.10000	0.00000	567923.97204	-0.51812	0.5000
6750:	80	43	37	79	43	36	567923.45392	567923.97204	-0.51812	0.10000	0.00000	567923.97204	-0.51812	0.5000
6751:	79	29	51	78	29	50	567940.23739	567940.19925	0.03814	0.10000	0.00000	567940.19929	0.03811	0.5000
6752:	79	29	50	78	29	49	567940.23739	567940.19932	0.03808	0.10000	0.00000	567940.19929	0.03811	0.5000
6753:	84	12	73	83	11	72	568033.82141	568033.75782	0.06359	0.10000	0.00000	568033.75679	0.06462	0.3333
6754:	84	11	73	83	11	72	568033.82141	568033.75672	0.06469	0.10000	0.00000	568033.75679	0.06462	0.3333
6755:	84	12	73	83	12	72	568033.82141	568033.75583	0.06558	0.10000	0.00000	568033.75679	0.06462	0.3333
6756:	85	11	75	84	11	74	568066.58042	568066.57312	0.00730	0.10000	0.00000	568066.57316	0.00727	0.3333
6757:	85	11	75	84	10	74	568066.58042	568066.57319	0.00723	0.10000	0.00000	568066.57316	0.00727	0.3333
6758:	85	10	75	84	10	74	568066.58042	568066.57315	0.00727	0.10000	0.00000	568066.57316	0.00727	0.3333
6759:	83	13	71	82	13	70	568112.30184	568112.30144	0.00040	0.10000	0.00000	568112.30893	-0.00709	0.3333
6760:	83	12	71	82	13	70	568112.30184	568112.27200	0.02984	0.10000	0.00000	568112.30893	-0.00709	0.3333
6761:	83	13	71	82	12	70	568112.30184	568112.35337	-0.05152	0.10000	0.00000	568112.30893	-0.00709	0.3333
6762:	86	10	77	85	10	76	568177.45001	568177.42854	0.02147	0.10000	0.00000	568177.42854	0.02147	0.5000
6763:	86	9	77	85	10	76	568177.45001	568177.42854	0.02147	0.10000	0.00000	568177.42854	0.02147	0.5000
6764:	80	42	39	79	42	38	568239.44831	568240.08202	-0.63371	0.10000	0.00000	568240.08202	-0.63371	0.5000
6765:	80	42	38	79	42	37	568239.44831	568240.08202	-0.63371	0.10000	0.00000	568240.08202	-0.63371	0.5000
6766:	77	20	58	76	20	57	568306.04116	568305.99837	0.04279	0.10000	0.00000			
6767:	87	9	79	86	9	78	568344.10260	568343.90806	0.19454	0.10000	0.00000	568343.90806	0.19454	0.2500
6768:	87	8	79	86	8	78	568344.10260	568343.90806	0.19454	0.10000	0.00000	568343.90806	0.19454	0.2500
6769:	87	8	79	86	9	78	568344.10260	568343.90806	0.19454	0.10000	0.00000	568343.90806	0.19454	0.2500
6770:	87	9	79	86	8	78	568344.10260	568343.90806	0.19454	0.10000	0.00000	568343.90806	0.19454	0.2500
6771:	82	13	69	81	13	68	568354.48802	568354.69762	-0.20960	0.10000	0.00000	568354.46345	0.02456	0.5000
6772:	82	14	69	81	14	68	568354.48802	568354.22929	0.25873	0.10000	0.00000	568354.46345	0.02456	0.5000
6773:	39	21	18	38	20	19	568449.21400	568449.21386	0.00014	0.10000	0.00000	568449.21386	0.00014	0.5000
6774:	39	21	19	38	20	18	568449.21400	568449.21386	0.00014	0.10000	0.00000	568449.21386	0.00014	0.5000
6775:	77	19	59	76	19	58	568524.63428	568524.60881	0.02547	0.10000	0.00000			

6776:	42	9	33	41	8	34	568532.39517	568532.68782	-0.29265	0.10000	0.00000	568550.34790	-0.02588	0.3333
6777:	88	8	81	87	8	80	568550.32203	568550.34790	-0.02588	0.10000	0.00000	568550.34790	-0.02588	0.3333
6778:	88	7	81	87	7	80	568550.32203	568550.34790	-0.02588	0.10000	0.00000	568550.34790	-0.02588	0.3333
6779:	88	7	81	87	8	80	568550.32203	568550.34790	-0.02588	0.10000	0.00000	568550.34790	-0.02588	0.3333
6780:	89	7	83	88	7	82	568785.44559	568785.47183	-0.02624	0.10000	0.00000	568785.47183	-0.02624	0.3333
6781:	89	6	83	88	6	82	568785.44559	568785.47183	-0.02624	0.10000	0.00000	568785.47183	-0.02624	0.3333
6782:	89	6	83	88	7	82	568785.44559	568785.47183	-0.02624	0.10000	0.00000	568785.47183	-0.02624	0.3333
6783:	37	22	16	36	21	15	568815.11269	568815.13788	-0.02519	0.10000	0.00000	568815.13788	-0.02519	0.5000
6784:	37	22	15	36	21	16	568815.11269	568815.13788	-0.02519	0.10000	0.00000	568815.13788	-0.02519	0.5000
6785:	81	15	67	80	15	66	568844.39787	568844.36009	0.03778	0.10000	0.00000			
6786:	81	14	67	80	14	66	568852.16279	568852.28142	-0.11863	0.10000	0.00000			
6787:	78	23	56	77	23	55	568886.27960	568886.00321	0.27638	0.10000	0.00000			
6788:	79	28	52	78	28	51	568924.76298	568924.73572	0.02727	0.10000	0.00000			
6789:	80	40	40	79	40	39	568931.20437	568931.49478	-0.29040	0.10000	0.00000	568931.49478	-0.29040	0.5000
6790:	80	40	41	79	40	40	568931.20437	568931.49478	-0.29040	0.10000	0.00000	568931.49478	-0.29040	0.5000
6791:	78	23	55	77	23	54	568941.80758	568941.71071	0.09688	0.10000	0.00000			
6792:	90	6	85	89	6	84	569040.94445	569040.96896	-0.02451	0.10000	0.00000	569040.96896	-0.02451	0.3333
6793:	90	5	85	89	5	84	569040.94445	569040.96896	-0.02451	0.10000	0.00000	569040.96896	-0.02451	0.3333
6794:	90	5	85	89	6	84	569040.94445	569040.96896	-0.02451	0.10000	0.00000	569040.96896	-0.02451	0.3333
6795:	35	23	12	34	22	13	569077.25139	569077.32005	-0.06866	0.10000	0.00000	569077.32005	-0.06866	0.5000
6796:	35	23	13	34	22	12	569077.25139	569077.32005	-0.06866	0.10000	0.00000	569077.32005	-0.06866	0.5000
6797:	51	13	38	50	12	39	569196.52785	569195.96050	0.56736	0.10000	0.00000			
6798:	33	24	9	32	23	10	569275.79821	569275.83227	-0.03406	0.10000	0.00000	569275.83227	-0.03406	0.5000
6799:	33	24	10	32	23	9	569275.79821	569275.83227	-0.03406	0.10000	0.00000	569275.83227	-0.03406	0.5000
6800:	91	5	87	90	4	86	569310.55890	569310.59615	-0.03725	0.10000	0.00000	569310.59615	-0.03725	0.2500
6801:	91	5	87	90	5	86	569310.55890	569310.59615	-0.03725	0.10000	0.00000	569310.59615	-0.03725	0.2500
6802:	91	4	87	90	4	86	569310.55890	569310.59615	-0.03725	0.10000	0.00000	569310.59615	-0.03725	0.2500
6803:	91	4	87	90	5	86	569310.55890	569310.59615	-0.03725	0.10000	0.00000	569310.59615	-0.03725	0.2500
6804:	31	25	7	30	24	6	569436.24842	569436.22909	0.01933	0.10000	0.00000			
6805:	29	26	4	28	25	3	569574.74365	569574.83890	-0.09524	0.10000	0.00000	569574.83890	-0.09524	0.5000
6806:	29	26	3	28	25	4	569574.74365	569574.83890	-0.09524	0.10000	0.00000	569574.83890	-0.09524	0.5000
6807:	92	3	89	91	3	88	569589.55983	569589.58938	-0.02955	0.10000	0.00000	569589.58938	-0.02955	0.2500
6808:	92	3	89	91	4	88	569589.55983	569589.58938	-0.02955	0.10000	0.00000	569589.58938	-0.02955	0.2500
6809:	92	4	89	91	3	88	569589.55983	569589.58938	-0.02955	0.10000	0.00000	569589.58938	-0.02955	0.2500
6810:	92	4	89	91	4	88	569589.55983	569589.58938	-0.02955	0.10000	0.00000	569589.58938	-0.02955	0.2500
6811:	27	27	0	26	26	1	569701.97576	569702.00327	-0.02751	0.10000	0.00000	569702.00327	-0.02751	0.5000
6812:	27	27	1	26	26	0	569701.97576	569702.00327	-0.02751	0.10000	0.00000	569702.00327	-0.02751	0.5000
6813:	80	16	65	79	16	64	569707.89665	569707.93275	-0.03610	0.10000	0.00000			
6814:	80	38	42	79	38	41	569718.16348	569718.34950	-0.18602	0.10000	0.00000	569718.34950	-0.18602	0.5000
6815:	80	38	43	79	38	42	569718.16348	569718.34950	-0.18602	0.10000	0.00000	569718.34950	-0.18602	0.5000
6816:	80	15	65	79	15	64	569814.05109	569814.02191	0.02918	0.10000	0.00000			
6817:	93	2	91	92	2	90	569874.23019	569874.26524	-0.03505	0.10000	0.00000	569874.26524	-0.03505	0.2500
6818:	93	2	91	92	3	90	569874.23019	569874.26524	-0.03505	0.10000	0.00000	569874.26524	-0.03505	0.2500
6819:	93	3	91	92	2	90	569874.23019	569874.26524	-0.03505	0.10000	0.00000	569874.26524	-0.03505	0.2500
6820:	93	3	91	92	3	90	569874.23019	569874.26524	-0.03505	0.10000	0.00000	569874.26524	-0.03505	0.2500
6821:	76	17	59	75	17	58	569950.93435	569950.95451	-0.02016	0.10000	0.00000			
6822:	79	27	53	78	27	52	570045.36624	570045.27161	0.09462	0.10000	0.00000	570045.27730	0.08894	0.5000
6823:	79	27	52	78	27	51	570045.36624	570045.28298	0.08325	0.10000	0.00000	570045.27730	0.08894	0.5000
6824:	80	37	43	79	37	42	570155.04767	570155.25342	-0.20575	0.10000	0.00000			

6825:	94	2	93	93	1	92	570161.66003	570161.74387	-0.08384	0.10000	0.00000	570161.74387	-0.08384	0.3333
6826:	94	2	93	93	2	92	570161.66003	570161.74387	-0.08384	0.10000	0.00000	570161.74387	-0.08384	0.3333
6827:	94	1	93	93	2	92	570161.66003	570161.74387	-0.08384	0.10000	0.00000	570161.74387	-0.08384	0.3333
6828:	48	17	32	47	16	31	570300.90079	570300.96719	-0.06639	0.10000	0.00000			
6829:	48	17	31	47	16	32	570315.95035	570316.01245	-0.06210	0.10000	0.00000			
6830:	95	1	95	94	1	94	570449.68710	570449.75199	-0.06489	0.10000	0.00000	570449.75199	-0.06489	0.3333
6831:	95	0	95	94	1	94	570449.68710	570449.75199	-0.06489	0.10000	0.00000	570449.75199	-0.06489	0.3333
6832:	95	1	95	94	0	94	570449.68710	570449.75199	-0.06489	0.10000	0.00000	570449.75199	-0.06489	0.3333
6833:	80	36	45	79	36	44	570626.00366	570626.27577	-0.27211	0.10000	0.00000			
6834:	79	17	63	78	17	62	570948.49803	570948.46875	0.02927	0.10000	0.00000			
6835:	80	35	46	79	35	45	571136.05432	571136.12012	-0.06581	0.10000	0.00000			
6836:	79	26	53	78	26	52	571336.06005	571336.00207	0.05798	0.10000	0.00000			
6837:	79	26	54	78	26	53	571336.06005	571335.87244	0.18761	0.10000	0.00000	571335.93726	0.12279	0.5000
6838:	78	22	57	77	22	56	571356.86533	571356.75679	0.10854	0.10000	0.00000	571335.93726	0.12279	0.5000
6839:	53	15	38	52	14	39	571454.31927	571454.20789	0.11138	0.10000	0.00000			
6840:	78	18	61	77	18	60	571533.31443	571533.25446	0.05998	0.10000	0.00000			
6841:	80	34	46	79	34	45	571690.34767	571690.37091	-0.02324	0.10000	0.00000			
6842:	80	34	47	79	34	46	571690.34767	571690.37091	-0.02324	0.10000	0.00000	571690.37091	-0.02324	0.5000
6843:	78	22	56	77	22	55	571742.30355	571742.10391	0.19964	0.10000	0.00000			
6844:	75	18	57	74	18	56	571853.06615	571853.03920	0.02695	0.10000	0.00000			
6845:	51	16	36	50	15	35	571884.21233	571884.35355	-0.14123	0.10000	0.00000			
6846:	79	16	63	78	16	62	572014.67781	572014.57988	0.09794	0.10000	0.00000			
6847:	80	33	47	79	33	46	572295.63563	572295.72144	-0.08581	0.10000	0.00000			
6848:	46	18	29	45	17	28	572555.12397	572554.80853	0.31544	0.10000	0.00000			
6849:	46	18	28	45	17	29	572555.12397	572555.07459	0.04937	0.10000	0.00000			
6850:	51	16	35	50	15	36	572795.55178	572795.77818	-0.22640	0.10000	0.00000			
6851:	79	25	55	78	25	54	572845.34813	572844.59962	0.74851	0.10000	0.00000	572845.25917	0.08896	0.5000
6852:	79	25	54	78	25	53	572845.34813	572845.51872	-0.17059	0.10000	0.00000	572845.25917	0.08896	0.5000
6853:	80	32	48	79	32	47	572960.49786	572960.28180	0.21606	0.10000	0.00000	572960.28180	0.21606	0.5000
6854:	80	32	49	79	32	48	572960.49786	572960.28180	0.21606	0.10000	0.00000	572960.28180	0.21606	0.5000
6855:	80	31	49	79	31	48	573694.06290	573694.00371	0.05919	0.10000	0.00000	573694.00371	0.05919	0.5000
6856:	80	31	50	79	31	49	573694.06290	573694.00371	0.05919	0.10000	0.00000	573694.00371	0.05919	0.5000
6857:	44	19	26	43	18	25	573941.29507	573941.33831	-0.04324	0.10000	0.00000	573941.33978	-0.04471	0.5000
6858:	44	19	25	43	18	26	573941.29507	573941.34125	-0.04618	0.10000	0.00000	573941.33978	-0.04471	0.5000
6859:	85	12	74	84	12	73	573948.11673	573948.06276	0.05396	0.10000	0.00000	573948.06301	0.05372	0.2500
6860:	85	11	74	84	11	73	573948.11673	573948.06326	0.05347	0.10000	0.00000	573948.06301	0.05372	0.2500
6861:	85	12	74	84	11	73	573948.11673	573948.06386	0.05286	0.10000	0.00000	573948.06301	0.05372	0.2500
6862:	85	11	74	84	12	73	573948.11673	573948.06215	0.05457	0.10000	0.00000	573948.06301	0.05372	0.2500
6863:	86	10	76	85	11	75	573991.63915	573991.64597	-0.00682	0.10000	0.00000	573991.64599	-0.00685	0.2500
6864:	86	11	76	85	11	75	573991.63915	573991.64599	-0.00684	0.10000	0.00000	573991.64599	-0.00685	0.2500
6865:	86	11	76	85	10	75	573991.63915	573991.64602	-0.00687	0.10000	0.00000	573991.64599	-0.00685	0.2500
6866:	86	10	76	85	10	75	573991.63915	573991.64600	-0.00686	0.10000	0.00000	573991.64599	-0.00685	0.2500
6867:	84	12	72	83	12	71	574009.93364	574009.92222	0.01142	0.10000	0.00000	574009.90814	0.02551	0.3333
6868:	84	12	72	83	13	71	574009.93364	574009.89278	0.04087	0.10000	0.00000	574009.90814	0.02551	0.3333
6869:	84	13	72	83	13	71	574009.93364	574009.90942	0.02423	0.10000	0.00000	574009.90814	0.02551	0.3333
6870:	78	21	58	77	21	57	574073.90218	574073.83522	0.06695	0.10000	0.00000			
6871:	87	10	78	86	9	77	574109.58231	574109.56557	0.01674	0.10000	0.00000	574109.56557	0.01674	0.2500
6872:	87	10	78	86	10	77	574109.58231	574109.56557	0.01674	0.10000	0.00000	574109.56557	0.01674	0.2500
6873:	87	9	78	86	9	77	574109.58231	574109.56557	0.01674	0.10000	0.00000	574109.56557	0.01674	0.2500

6874:	87	9	78	86	10	77	574109.58231	574109.56557	0.01674	0.10000	0.00000	574109.56557	0.01674	0.2500
6875:	77	17	60	76	17	59	574146.50842	574146.49237	0.01605	0.10000	0.00000			
6876:	83	14	70	82	14	69	574225.18732	574225.19823	-0.01091	0.10000	0.00000	574225.33537	-0.14805	0.2500
6877:	83	13	70	82	13	69	574225.18732	574225.47251	-0.28520	0.10000	0.00000	574225.33537	-0.14805	0.2500
6878:	83	14	70	82	13	69	574225.18732	574225.85122	-0.66391	0.10000	0.00000	574225.33537	-0.14805	0.2500
6879:	83	13	70	82	14	69	574225.18732	574224.81952	0.36780	0.10000	0.00000	574225.33537	-0.14805	0.2500
6880:	88	9	80	87	9	79	574280.66270	574280.71925	-0.05655	0.10000	0.00000	574280.71925	-0.05655	0.3333
6881:	88	8	80	87	8	79	574280.66270	574280.71925	-0.05655	0.10000	0.00000	574280.71925	-0.05655	0.3333
6882:	88	8	80	87	9	79	574280.66270	574280.71925	-0.05655	0.10000	0.00000	574280.71925	-0.05655	0.3333
6883:	89	7	82	88	8	81	574490.30453	574490.25380	0.05073	0.10000	0.00000	574490.25380	0.05073	0.2500
6884:	89	8	82	88	7	81	574490.30453	574490.25380	0.05073	0.10000	0.00000	574490.25380	0.05073	0.2500
6885:	89	8	82	88	8	81	574490.30453	574490.25380	0.05073	0.10000	0.00000	574490.25380	0.05073	0.2500
6886:	89	7	82	88	7	81	574490.30453	574490.25380	0.05073	0.10000	0.00000	574490.25380	0.05073	0.2500
6887:	80	30	51	79	30	50	574509.47871	574509.28165	0.19706	0.10000	0.00000	574509.28165	0.19705	0.5000
6888:	80	30	50	79	30	49	574509.47871	574509.28166	0.19705	0.10000	0.00000	574509.28165	0.19705	0.5000
6889:	53	14	39	52	13	40	574585.01586	574585.07450	-0.05864	0.10000	0.00000			
6890:	79	24	56	78	24	55	574640.57517	574640.48838	0.08679	0.10000	0.00000			
6891:	79	24	55	78	24	54	574652.39193	574652.33239	0.05953	0.10000	0.00000			
6892:	77	20	57	76	20	56	574667.30031	574667.31685	-0.01653	0.10000	0.00000			
6893:	82	15	68	81	15	67	574671.88397	574671.73331	0.15066	0.10000	0.00000			
6894:	82	14	68	81	14	67	574676.54868	574676.52721	0.02147	0.10000	0.00000			
6895:	90	6	84	89	7	83	574727.43223	574727.41344	0.01880	0.10000	0.00000	574727.41344	0.01880	0.2500
6896:	90	7	84	89	6	83	574727.43223	574727.41344	0.01880	0.10000	0.00000	574727.41344	0.01880	0.2500
6897:	90	7	84	89	7	83	574727.43223	574727.41344	0.01880	0.10000	0.00000	574727.41344	0.01880	0.2500
6898:	90	6	84	89	6	83	574727.43223	574727.41344	0.01880	0.10000	0.00000	574727.41344	0.01880	0.2500
6899:	42	20	23	41	19	22	574830.76147	574830.82224	-0.06077	0.10000	0.00000			
6900:	76	19	57	75	19	56	574976.11591	574976.06464	0.05126	0.10000	0.00000			
6901:	91	5	86	90	6	85	574984.21947	574984.23138	-0.01191	0.10000	0.00000	574984.23138	-0.01191	0.2500
6902:	91	6	86	90	5	85	574984.21947	574984.23138	-0.01191	0.10000	0.00000	574984.23138	-0.01191	0.2500
6903:	91	6	86	90	6	85	574984.21947	574984.23138	-0.01191	0.10000	0.00000	574984.23138	-0.01191	0.2500
6904:	91	5	86	90	5	85	574984.21947	574984.23138	-0.01191	0.10000	0.00000	574984.23138	-0.01191	0.2500
6905:	92	4	88	91	5	87	575254.65974	575254.69708	-0.03734	0.10000	0.00000	575254.69708	-0.03734	0.2500
6906:	92	5	88	91	4	87	575254.65974	575254.69708	-0.03734	0.10000	0.00000	575254.69708	-0.03734	0.2500
6907:	92	5	88	91	5	87	575254.65974	575254.69708	-0.03734	0.10000	0.00000	575254.69708	-0.03734	0.2500
6908:	92	4	88	91	4	87	575254.65974	575254.69708	-0.03734	0.10000	0.00000	575254.69708	-0.03734	0.2500
6909:	40	21	19	39	20	20	575419.28372	575419.32603	-0.04231	0.10000	0.00000	575419.32603	-0.04231	0.5000
6910:	40	21	20	39	20	19	575419.28372	575419.32603	-0.04231	0.10000	0.00000	575419.32603	-0.04231	0.5000
6911:	80	29	52	79	29	51	575421.98581	575421.82877	0.15703	0.10000	0.00000	575421.82884	0.15697	0.5000
6912:	80	29	51	79	29	50	575421.98581	575421.82891	0.15690	0.10000	0.00000	575421.82884	0.15697	0.5000
6913:	81	16	66	80	16	65	575470.02048	575470.00254	0.01795	0.10000	0.00000			
6914:	93	3	90	92	4	89	575533.89595	575534.20636	-0.31042	0.10000	0.00000	575534.20636	-0.31042	0.2500
6915:	93	4	90	92	3	89	575533.89595	575534.20636	-0.31042	0.10000	0.00000	575534.20636	-0.31042	0.2500
6916:	93	4	90	92	4	89	575533.89595	575534.20636	-0.31042	0.10000	0.00000	575534.20636	-0.31042	0.2500
6917:	93	3	90	92	3	89	575533.89595	575534.20636	-0.31042	0.10000	0.00000	575534.20636	-0.31042	0.2500
6918:	81	15	66	80	15	65	575536.93082	575536.85789	0.07293	0.10000	0.00000			
6919:	94	3	92	93	3	91	575819.01452	575819.18694	-0.17242	0.10000	0.00000	575819.18694	-0.17242	0.3333
6920:	94	2	92	93	2	91	575819.01452	575819.18694	-0.17242	0.10000	0.00000	575819.18694	-0.17242	0.3333
6921:	94	3	92	93	2	91	575819.01452	575819.18694	-0.17242	0.10000	0.00000	575819.18694	-0.17242	0.3333
6922:	38	22	17	37	21	16	575821.33573	575821.32712	0.00861	0.10000	0.00000	575821.32712	0.00861	0.5000

6923:	38	22	16	37	21	17	575821.33573	575821.32712	0.00861	0.10000	0.00000	575821.32712	0.00861	0.5000
6924:	95	1	94	94	2	93	576106.82884	576106.83681	-0.00797	0.10000	0.00000	576106.87542	-0.04658	0.1667
6925:	95	2	94	94	1	93	576106.82884	576106.83681	-0.00797	0.10000	0.00000	576106.87542	-0.04658	0.1667
6926:	95	2	94	94	2	93	576106.82884	576106.83681	-0.00797	0.10000	0.00000	576106.87542	-0.04658	0.1667
6927:	36	23	13	35	22	14	576106.82884	576106.95264	-0.12380	0.10000	0.00000	576106.87542	-0.04658	0.1667
6928:	36	23	14	35	22	13	576106.82884	576106.95264	-0.12380	0.10000	0.00000	576106.87542	-0.04658	0.1667
6929:	95	1	94	94	1	93	576106.82884	576106.83681	-0.00797	0.10000	0.00000	576106.87542	-0.04658	0.1667
6930:	81	40	41	80	40	40	576163.91274	576164.19410	-0.28136	0.10000	0.00000	576106.87542	-0.04658	0.1667
6931:	35	3	32	34	2	33	576233.32453	576233.29293	0.03160	0.10000	0.00000	576233.24118	0.08335	0.3333
6932:	35	3	32	34	1	33	576233.32453	576233.29370	0.03083	0.10000	0.00000	576233.24118	0.08335	0.3333
6933:	78	21	57	77	21	56	576233.32453	576233.13691	0.18762	0.10000	0.00000	576233.24118	0.08335	0.3333
6934:	34	24	11	33	23	10	576320.38004	576320.39571	-0.01567	0.10000	0.00000	576320.39571	-0.01567	0.5000
6935:	34	24	10	33	23	11	576320.38004	576320.39571	-0.01567	0.10000	0.00000	576320.39571	-0.01567	0.5000
6936:	96	1	96	95	1	95	576394.92439	576394.93734	-0.01294	0.10000	0.00000	576394.93734	-0.01294	0.3333
6937:	96	0	96	95	0	95	576394.92439	576394.93734	-0.01294	0.10000	0.00000	576394.93734	-0.01294	0.3333
6938:	96	0	96	95	1	95	576394.92439	576394.93734	-0.01294	0.10000	0.00000	576394.93734	-0.01294	0.3333
6939:	80	28	53	79	28	52	576452.10662	576451.99931	0.10731	0.10000	0.00000	576394.93734	-0.01294	0.3333
6940:	32	25	7	31	24	8	576489.91994	576489.93308	-0.01314	0.10000	0.00000	576394.93734	-0.01294	0.3333
6941:	81	39	43	80	39	42	576557.66124	576558.05856	-0.39732	0.10000	0.00000	576558.05856	-0.39732	0.5000
6942:	81	39	42	80	39	41	576557.66124	576558.05856	-0.39732	0.10000	0.00000	576558.05856	-0.39732	0.5000
6943:	30	26	4	29	25	5	576633.68601	576633.74288	-0.05688	0.10000	0.00000	576633.74288	-0.05688	0.5000
6944:	30	26	5	29	25	4	576633.68601	576633.74288	-0.05688	0.10000	0.00000	576633.74288	-0.05688	0.5000
6945:	80	17	64	79	17	63	576684.21197	576684.16998	0.04199	0.10000	0.00000	576633.74288	-0.05688	0.5000
6946:	49	17	33	48	16	32	576698.44794	576698.42403	0.02391	0.10000	0.00000	576633.74288	-0.05688	0.5000
6947:	49	17	32	48	16	33	576727.47932	576727.26243	0.21689	0.10000	0.00000	576633.74288	-0.05688	0.5000
6948:	28	27	2	27	26	1	576763.42556	576763.44837	-0.02281	0.10000	0.00000	576763.44837	-0.02281	0.5000
6949:	28	27	1	27	26	2	576763.42556	576763.44837	-0.02281	0.10000	0.00000	576763.44837	-0.02281	0.5000
6950:	79	23	57	78	23	56	576813.34857	576813.32968	0.01889	0.10000	0.00000	576763.44837	-0.02281	0.5000
6951:	79	23	56	78	23	55	576905.73960	576905.62659	0.11300	0.10000	0.00000	576763.44837	-0.02281	0.5000
6952:	81	38	43	80	38	42	576979.59820	576979.81445	-0.21625	0.10000	0.00000	576979.81445	-0.21625	0.5000
6953:	81	38	44	80	38	43	576979.59820	576979.81445	-0.21625	0.10000	0.00000	576979.81445	-0.21625	0.5000
6954:	52	16	37	51	15	36	577333.89583	577333.99813	-0.10230	0.10000	0.00000	576979.81445	-0.21625	0.5000
6955:	80	16	64	79	16	63	577395.11122	577395.05754	0.05368	0.10000	0.00000	576979.81445	-0.21625	0.5000
6956:	81	37	44	80	37	43	577432.87736	577433.04730	-0.16994	0.10000	0.00000	577433.04730	-0.16994	0.5000
6957:	81	37	45	80	37	44	577432.87736	577433.04730	-0.16994	0.10000	0.00000	577433.04730	-0.16994	0.5000
6958:	79	18	62	78	18	61	577594.90131	577595.41896	-0.51765	0.10000	0.00000	577433.04730	-0.16994	0.5000
6959:	80	27	53	79	27	52	577627.00162	577626.88957	0.11205	0.10000	0.00000	577626.87871	0.12290	0.5000
6960:	80	27	54	79	27	53	577627.00162	577626.86786	0.13376	0.10000	0.00000	577626.87871	0.12290	0.5000
6961:	81	36	45	80	36	44	577921.87385	577921.95347	-0.07962	0.10000	0.00000	577921.95347	-0.07962	0.5000
6962:	81	36	46	80	36	45	577921.87385	577921.95347	-0.07962	0.10000	0.00000	577921.95347	-0.07962	0.5000
6963:	78	17	61	77	17	60	578329.94529	578329.65018	0.29512	0.10000	0.00000	577921.95347	-0.07962	0.5000
6964:	81	35	46	80	35	45	578451.47094	578451.48167	-0.01073	0.10000	0.00000	578451.48167	-0.01073	0.5000
6965:	81	35	47	80	35	46	578451.47094	578451.48167	-0.01073	0.10000	0.00000	578451.48167	-0.01073	0.5000
6966:	80	17	64	79	16	63	578703.42876	578703.19929	0.22947	0.10000	0.00000	578451.48167	-0.01073	0.5000
6967:	52	16	36	51	15	37	578889.51050	578889.31812	0.19238	0.10000	0.00000	578451.48167	-0.01073	0.5000
6968:	80	26	54	79	26	53	578983.91366	578983.86965	0.04401	0.10000	0.00000	578983.75015	0.16351	0.5000
6969:	80	26	55	79	26	54	578983.91366	578983.63065	0.28301	0.10000	0.00000	578983.75015	0.16351	0.5000
6970:	81	34	47	80	34	46	579027.56184	579027.51817	0.04367	0.10000	0.00000	579027.51817	0.04367	0.5000
6971:	47	18	30	46	17	29	579210.37914	579210.03773	0.34141	0.10000	0.00000	579210.31848	0.06066	0.5000

6972:	47	18	29	46	17	30	579210.37914	579210.59923	-0.22009	0.10000	0.00000	579210.31848	0.06066	0.5000
6973:	76	18	58	75	18	57	579258.05675	579258.09916	-0.04241	0.10000	0.00000			
6974:	79	22	58	78	22	57	579407.11953	579407.03417	0.08536	0.10000	0.00000			
6975:	81	33	49	80	33	48	579657.18394	579657.13326	0.05069	0.10000	0.00000	579657.13326	0.05069	0.5000
6976:	81	33	48	80	33	47	579657.18394	579657.13326	0.05069	0.10000	0.00000	579657.13326	0.05069	0.5000
6977:	86	12	75	85	12	74	579862.95512	579862.94141	0.01371	0.10000	0.00000	579862.94154	0.01357	0.2500
6978:	86	11	75	85	11	74	579862.95512	579862.94168	0.01343	0.10000	0.00000	579862.94154	0.01357	0.2500
6979:	86	12	75	85	11	74	579862.95512	579862.94202	0.01310	0.10000	0.00000	579862.94154	0.01357	0.2500
6980:	86	11	75	85	12	74	579862.95512	579862.94107	0.01404	0.10000	0.00000	579862.94154	0.01357	0.2500
6981:	85	12	73	84	12	72	579909.53309	579909.16753	0.36556	0.10000	0.00000	579909.16390	0.36919	0.2500
6982:	85	13	73	84	12	72	579909.53309	579909.17690	0.35619	0.10000	0.00000	579909.16390	0.36919	0.2500
6983:	85	12	73	84	13	72	579909.53309	579909.15090	0.38220	0.10000	0.00000	579909.16390	0.36919	0.2500
6984:	85	13	73	84	13	72	579909.53309	579909.16027	0.37283	0.10000	0.00000	579909.16390	0.36919	0.2500
6985:	87	10	77	86	10	76	579916.61484	579916.67506	-0.06022	0.10000	0.00000	579916.67506	-0.06022	0.2500
6986:	87	11	77	86	10	76	579916.61484	579916.67507	-0.06023	0.10000	0.00000	579916.67506	-0.06022	0.2500
6987:	87	11	77	86	11	76	579916.61484	579916.67505	-0.06022	0.10000	0.00000	579916.67506	-0.06022	0.2500
6988:	87	10	77	86	11	76	579916.61484	579916.67504	-0.06021	0.10000	0.00000	579916.67506	-0.06022	0.2500
6989:	88	9	79	87	10	78	580040.82668	580041.29489	-0.46821	0.10000	0.00000	580041.29489	-0.46821	0.2500
6990:	88	10	79	87	9	78	580040.82668	580041.29489	-0.46821	0.10000	0.00000	580041.29489	-0.46821	0.2500
6991:	88	10	79	87	10	78	580040.82668	580041.29489	-0.46821	0.10000	0.00000	580041.29489	-0.46821	0.2500
6992:	88	9	79	87	9	78	580040.82668	580041.29489	-0.46821	0.10000	0.00000	580041.29489	-0.46821	0.2500
6993:	84	14	71	83	14	70	580099.84142	580099.74088	0.10054	0.10000	0.00000	580099.82085	0.02057	0.2500
6994:	84	13	71	83	13	70	580099.84142	580099.90082	-0.05940	0.10000	0.00000	580099.82085	0.02057	0.2500
6995:	84	14	71	83	13	70	580099.84142	580100.11959	-0.27817	0.10000	0.00000	580099.82085	0.02057	0.2500
6996:	84	13	71	83	14	70	580099.84142	580099.52211	0.31931	0.10000	0.00000	580099.82085	0.02057	0.2500
6997:	89	8	81	88	9	80	580216.93629	580216.90431	0.03197	0.10000	0.00000	580216.90431	0.03197	0.2500
6998:	89	9	81	88	8	80	580216.93629	580216.90431	0.03197	0.10000	0.00000	580216.90431	0.03197	0.2500
6999:	89	9	81	88	8	80	580216.93629	580216.90431	0.03197	0.10000	0.00000	580216.90431	0.03197	0.2500
7000:	89	8	81	88	8	80	580216.93629	580216.90431	0.03197	0.10000	0.00000	580216.90431	0.03197	0.2500
7001:	81	32	49	80	32	48	580349.08321	580348.91584	0.16737	0.10000	0.00000	580348.91584	0.16737	0.5000
7002:	81	32	50	80	32	49	580349.08321	580348.91584	0.16737	0.10000	0.00000	580348.91584	0.16737	0.5000
7003:	90	7	83	89	8	82	580429.49493	580429.40214	0.09279	0.10000	0.00000	580429.40214	0.09279	0.2500
7004:	90	8	83	89	7	82	580429.49493	580429.40214	0.09279	0.10000	0.00000	580429.40214	0.09279	0.2500
7005:	90	8	83	89	8	82	580429.49493	580429.40214	0.09279	0.10000	0.00000	580429.40214	0.09279	0.2500
7006:	90	7	83	89	7	82	580429.49493	580429.40214	0.09279	0.10000	0.00000	580429.40214	0.09279	0.2500
7007:	83	15	69	82	15	68	580506.09396	580506.04317	0.05079	0.10000	0.00000			
7008:	83	14	69	82	14	68	580508.96364	580508.92821	0.03543	0.10000	0.00000			
7009:	80	25	56	79	25	55	580575.16772	580575.14246	0.02526	0.10000	0.00000			
7010:	80	25	55	79	25	54	580577.63733	580577.48671	0.15063	0.10000	0.00000			
7011:	91	7	85	90	6	84	580668.51184	580668.51920	-0.00736	0.10000	0.00000	580668.51920	-0.00736	0.2500
7012:	91	7	85	90	7	84	580668.51184	580668.51920	-0.00736	0.10000	0.00000	580668.51920	-0.00736	0.2500
7013:	91	6	85	90	6	84	580668.51184	580668.51920	-0.00736	0.10000	0.00000	580668.51920	-0.00736	0.2500
7014:	91	6	85	90	7	84	580668.51184	580668.51920	-0.00736	0.10000	0.00000	580668.51920	-0.00736	0.2500
7015:	45	19	27	44	18	26	580745.03858	580745.05931	-0.02073	0.10000	0.00000	580745.06274	-0.02416	0.5000
7016:	45	19	26	44	18	27	580745.03858	580745.06617	-0.02759	0.10000	0.00000	580745.06274	-0.02416	0.5000
7017:	92	5	87	91	5	86	580926.62528	580926.61244	0.01284	0.10000	0.00000	580926.61244	0.01284	0.2500
7018:	92	5	87	91	6	86	580926.62528	580926.61244	0.01284	0.10000	0.00000	580926.61244	0.01284	0.2500
7019:	92	6	87	91	5	86	580926.62528	580926.61244	0.01284	0.10000	0.00000	580926.61244	0.01284	0.2500
7020:	92	6	87	91	6	86	580926.62528	580926.61244	0.01284	0.10000	0.00000	580926.61244	0.01284	0.2500

7021:	81	31	50	80	31	49	581113.57569	581113.43759	0.13810	0.10000	0.00000	581113.43759	0.13810	0.5000
7022:	81	31	51	80	31	50	581113.57569	581113.43759	0.13810	0.10000	0.00000	581113.43759	0.13810	0.5000
7023:	93	5	89	92	4	88	581197.89649	581197.89134	0.00515	0.10000	0.00000	581197.89134	0.00515	0.2500
7024:	93	5	89	92	5	88	581197.89649	581197.89134	0.00515	0.10000	0.00000	581197.89134	0.00515	0.2500
7025:	93	4	89	92	4	88	581197.89649	581197.89134	0.00515	0.10000	0.00000	581197.89134	0.00515	0.2500
7026:	93	4	89	92	5	88	581197.89649	581197.89134	0.00515	0.10000	0.00000	581197.89134	0.00515	0.2500
7027:	82	16	67	81	16	66	581241.71995	581241.68717	0.03278	0.10000	0.00000	581197.89134	0.00515	0.2500
7028:	82	15	67	81	15	66	581283.51177	581283.49939	0.01238	0.10000	0.00000			
7029:	94	4	91	93	3	90	581477.87568	581477.90363	-0.02794	0.10000	0.00000	581477.90363	-0.02794	0.2500
7030:	94	4	91	93	4	90	581477.87568	581477.90363	-0.02794	0.10000	0.00000	581477.90363	-0.02794	0.2500
7031:	94	3	91	93	3	90	581477.87568	581477.90363	-0.02794	0.10000	0.00000	581477.90363	-0.02794	0.2500
7032:	94	3	91	93	4	90	581477.87568	581477.90363	-0.02794	0.10000	0.00000	581477.90363	-0.02794	0.2500
7033:	43	20	24	42	19	23	581727.85178	581727.89148	-0.03970	0.10000	0.00000	581727.89151	-0.03973	0.5000
7034:	43	20	23	42	19	24	581727.85178	581727.89153	-0.03975	0.10000	0.00000	581727.89151	-0.03973	0.5000
7035:	95	2	93	94	2	92	581763.16869	581763.18309	-0.01440	0.10000	0.00000	581763.18309	-0.01440	0.2500
7036:	95	2	93	94	3	92	581763.16869	581763.18309	-0.01440	0.10000	0.00000	581763.18309	-0.01440	0.2500
7037:	95	3	93	94	2	92	581763.16869	581763.18309	-0.01440	0.10000	0.00000	581763.18309	-0.01440	0.2500
7038:	95	3	93	94	3	92	581763.16869	581763.18309	-0.01440	0.10000	0.00000	581763.18309	-0.01440	0.2500
7039:	81	30	51	80	30	50	581964.04178	581963.91420	0.12757	0.10000	0.00000	581963.91420	0.12758	0.5000
7040:	81	30	52	80	30	51	581964.04178	581963.91419	0.12759	0.10000	0.00000	581963.91420	0.12758	0.5000
7041:	96	2	95	95	1	94	582050.95351	582051.00230	-0.04879	0.10000	0.00000	582051.00230	-0.04879	0.2500
7042:	96	2	95	95	2	94	582050.95351	582051.00230	-0.04879	0.10000	0.00000	582051.00230	-0.04879	0.2500
7043:	96	1	95	95	1	94	582050.95351	582051.00230	-0.04879	0.10000	0.00000	582051.00230	-0.04879	0.2500
7044:	96	1	95	95	2	94	582050.95351	582051.00230	-0.04879	0.10000	0.00000	582051.00230	-0.04879	0.2500
7045:	79	21	59	78	21	58	582107.63334	582107.56835	0.06499	0.10000	0.00000			
7046:	82	43	39	81	43	38	582321.42403	582322.02064	-0.59661	0.10000	0.00000	582322.02064	-0.59661	0.5000
7047:	82	43	40	81	43	39	582321.42403	582322.02064	-0.59661	0.10000	0.00000	582322.02064	-0.59661	0.5000
7048:	79	19	61	78	19	60	582329.90619	582329.93676	-0.03057	0.10000	0.00000			
7049:	97	1	97	96	0	96	582339.19771	582339.19517	0.00254	0.10000	0.00000	582339.19517	0.00254	0.2500
7050:	97	1	97	96	1	96	582339.19771	582339.19517	0.00254	0.10000	0.00000	582339.19517	0.00254	0.2500
7051:	97	0	97	96	0	96	582339.19771	582339.19517	0.00254	0.10000	0.00000	582339.19517	0.00254	0.2500
7052:	97	0	97	96	1	96	582339.19771	582339.19517	0.00254	0.10000	0.00000	582339.19517	0.00254	0.2500
7053:	41	21	21	40	20	20	582376.92958	582376.96249	-0.03292	0.10000	0.00000			
7054:	81	17	65	80	17	64	582407.65907	582407.60763	0.05144	0.10000	0.00000			
7055:	53	16	38	52	15	37	582410.99482	582411.00862	-0.01380	0.10000	0.00000			
7056:	80	24	57	79	24	56	582476.83191	582476.80952	0.02239	0.10000	0.00000			
7057:	80	24	56	79	24	55	582496.99621	582497.04594	-0.04973	0.10000	0.00000			
7058:	79	17	62	78	17	61	582654.97648	582654.95476	0.02172	0.10000	0.00000			
7059:	82	42	40	81	42	39	582660.03277	582660.41316	-0.38039	0.10000	0.00000			
7060:	39	22	17	38	21	18	582818.70317	582818.73465	-0.03148	0.10000	0.00000	582818.73465	-0.03148	0.5000
7061:	39	22	18	38	21	17	582818.70317	582818.73465	-0.03148	0.10000	0.00000	582818.73465	-0.03148	0.5000
7062:	81	16	65	80	16	64	582875.95081	582875.88085	0.06996	0.10000	0.00000			
7063:	81	29	52	80	29	51	582917.27674	582917.17694	0.09980	0.10000	0.00000	582917.17681	0.09993	0.5000
7064:	81	29	53	80	29	52	582917.27674	582917.17667	0.10006	0.10000	0.00000	582917.17681	0.09993	0.5000
7065:	50	17	34	49	16	33	583018.81172	583018.75427	0.05746	0.10000	0.00000			
7066:	50	17	33	49	16	34	583072.99025	583073.00213	-0.01188	0.10000	0.00000			
7067:	37	23	15	36	22	14	583130.34893	583130.42390	-0.07497	0.10000	0.00000			
7068:	35	24	12	34	23	11	583360.66743	583360.68742	-0.02000	0.10000	0.00000	583360.68742	-0.02000	0.5000
7069:	35	24	11	34	23	12	583360.66743	583360.68742	-0.02000	0.10000	0.00000	583360.68742	-0.02000	0.5000

7070:	33	25	8	32	24	9	583540.71697	583540.73802	-0.02104	0.10000	0.00000	583540.71756	-0.00058	0.3333
7071:	33	25	9	32	24	8	583540.71697	583540.73802	-0.02104	0.10000	0.00000	583540.71756	-0.00058	0.3333
7072:	80	18	63	79	18	62	583540.71697	583540.67664	0.04033	0.10000	0.00000	583540.71756	-0.00058	0.3333
7073:	79	20	60	78	20	59	583682.54562	583682.51307	0.03255	0.10000	0.00000			
7074:	31	26	6	30	25	5	583690.70239	583690.74461	-0.04223	0.10000	0.00000	583690.74461	-0.04223	0.5000
7075:	31	26	5	30	25	6	583690.70239	583690.74461	-0.04223	0.10000	0.00000	583690.74461	-0.04223	0.5000
7076:	82	39	43	81	39	42	583809.47452	583809.67043	-0.19591	0.10000	0.00000	583809.67043	-0.19591	0.5000
7077:	82	39	44	81	39	43	583809.47452	583809.67043	-0.19591	0.10000	0.00000	583809.67043	-0.19591	0.5000
7078:	29	27	2	28	26	3	583823.64623	583823.70935	-0.06311	0.10000	0.00000	583823.70935	-0.06311	0.5000
7079:	29	27	3	28	26	2	583823.64623	583823.70935	-0.06311	0.10000	0.00000	583823.70935	-0.06311	0.5000
7080:	81	28	53	80	28	52	583995.39448	583995.15510	0.23938	0.10000	0.00000	583995.15337	0.24111	0.5000
7081:	81	28	54	80	28	53	583995.39448	583995.15164	0.24284	0.10000	0.00000	583995.15337	0.24111	0.5000
7082:	82	38	44	81	38	43	584246.56233	584246.83601	-0.27368	0.10000	0.00000	584246.83601	-0.27368	0.5000
7083:	82	38	45	81	38	44	584246.56233	584246.83601	-0.27368	0.10000	0.00000	584246.83601	-0.27368	0.5000
7084:	78	20	58	77	20	57	584632.58435	584632.55142	0.03293	0.10000	0.00000			
7085:	77	19	58	76	19	57	584702.12200	584702.14477	-0.02277	0.10000	0.00000			
7086:	82	37	45	81	37	44	584716.72035	584716.88447	-0.16412	0.10000	0.00000	584716.88447	-0.16412	0.5000
7087:	82	37	46	81	37	45	584716.72035	584716.88447	-0.16412	0.10000	0.00000	584716.88447	-0.16412	0.5000
7088:	80	23	58	79	23	57	584779.12184	584779.03154	0.09030	0.10000	0.00000			
7089:	80	23	57	79	23	56	584930.10341	584929.97121	0.13220	0.10000	0.00000			
7090:	53	16	37	52	15	38	585014.30679	585014.35225	-0.04546	0.10000	0.00000			
7091:	82	36	47	81	36	46	585224.06745	585224.22423	-0.15678	0.10000	0.00000	585224.22423	-0.15678	0.5000
7092:	82	36	46	81	36	45	585224.06745	585224.22423	-0.15678	0.10000	0.00000	585224.22423	-0.15678	0.5000
7093:	81	27	55	80	27	54	585227.27911	585227.21284	0.06627	0.10000	0.00000	585227.23333	0.04578	0.5000
7094:	81	27	54	80	27	53	585227.27911	585227.25382	0.02529	0.10000	0.00000	585227.23333	0.04578	0.5000
7095:	79	21	58	78	21	57	585280.83970	585280.77711	0.06259	0.10000	0.00000			
7096:	77	18	59	76	18	58	585768.58549	585768.50775	0.07774	0.10000	0.00000	585768.54632	0.03917	0.5000
7097:	31	14	17	30	12	18	585768.58549	585768.54632	0.00060	0.10000	0.00000	585768.54632	0.03917	0.5000
7098:	82	35	48	81	35	47	585774.01243	585774.06258	-0.05015	0.10000	0.00000	585774.06258	-0.05015	0.5000
7099:	82	35	47	81	35	46	585774.01243	585774.06258	-0.05015	0.10000	0.00000	585774.06258	-0.05015	0.5000
7100:	87	11	76	86	11	75	585778.30786	585778.27541	0.03245	0.10000	0.00000	585778.27542	0.03244	0.3333
7101:	87	12	76	86	11	75	585778.30786	585778.27559	0.03226	0.10000	0.00000	585778.27542	0.03244	0.3333
7102:	87	12	76	86	12	75	585778.30786	585778.27526	0.03260	0.10000	0.00000	585778.27542	0.03244	0.3333
7103:	86	13	74	85	12	73	585809.86091	585809.85280	0.00811	0.10000	0.00000	585809.84479	0.01612	0.3333
7104:	86	12	74	85	13	73	585809.86091	585809.83816	0.02275	0.10000	0.00000	585809.84479	0.01612	0.3333
7105:	86	13	74	85	13	73	585809.86091	585809.84342	0.01749	0.10000	0.00000	585809.84479	0.01612	0.3333
7106:	48	18	30	47	17	31	585822.79508	585823.45594	-0.66086	0.10000	0.00000	585822.87549	-0.08041	0.5000
7107:	48	18	31	47	17	30	585822.79508	585822.29504	0.50005	0.10000	0.00000	585822.87549	-0.08041	0.5000
7108:	88	11	78	87	10	77	585841.59922	585841.59239	0.00683	0.10000	0.00000	585841.59239	0.00683	0.3333
7109:	88	11	78	87	11	77	585841.59922	585841.59238	0.00684	0.10000	0.00000	585841.59239	0.00683	0.3333
7110:	88	10	87	87	11	77	585841.59922	585841.59238	0.00684	0.10000	0.00000	585841.59239	0.00683	0.3333
7111:	89	10	80	88	9	79	585972.61690	585972.57468	0.04222	0.10000	0.00000	585972.57468	0.04222	0.2500
7112:	89	10	80	88	10	79	585972.61690	585972.57468	0.04222	0.10000	0.00000	585972.57468	0.04222	0.2500
7113:	89	9	80	88	9	79	585972.61690	585972.57468	0.04222	0.10000	0.00000	585972.57468	0.04222	0.2500
7114:	89	9	80	88	10	79	585972.61690	585972.57468	0.04222	0.10000	0.00000	585972.57468	0.04222	0.2500
7115:	85	13	72	84	13	71	585977.54818	585977.55478	-0.00660	0.10000	0.00000	585977.50835	0.03984	0.2500
7116:	85	14	72	84	13	71	585977.54818	585977.68068	-0.13249	0.10000	0.00000	585977.50835	0.03984	0.2500
7117:	85	13	72	84	14	71	585977.54818	585977.33601	0.21217	0.10000	0.00000	585977.50835	0.03984	0.2500
7118:	85	14	72	84	14	71	585977.54818	585977.46191	0.08627	0.10000	0.00000	585977.50835	0.03984	0.2500

7119:	90	8	82	89	9	81	586152.40084	586152.43587	-0.03502	0.10000	0.00000	586152.43587	-0.03502	0.3333
7120:	90	9	82	89	9	81	586152.40084	586152.43587	-0.03502	0.10000	0.00000	586152.43587	-0.03502	0.3333
7121:	90	8	82	89	8	81	586152.40084	586152.43587	-0.03502	0.10000	0.00000	586152.43587	-0.03502	0.3333
7122:	84	15	70	83	15	69	586346.37769	586346.63370	-0.25602	0.10000	0.00000			
7123:	84	14	70	83	14	69	586348.53855	586348.36076	0.17779	0.10000	0.00000			
7124:	91	8	84	90	7	83	586367.75507	586367.77366	-0.01858	0.10000	0.00000	586367.77366	-0.01858	0.2500
7125:	91	8	84	90	8	83	586367.75507	586367.77366	-0.01858	0.10000	0.00000	586367.77366	-0.01858	0.2500
7126:	91	7	84	90	7	83	586367.75507	586367.77366	-0.01858	0.10000	0.00000	586367.77366	-0.01858	0.2500
7127:	91	7	84	90	8	83	586367.75507	586367.77366	-0.01858	0.10000	0.00000	586367.77366	-0.01858	0.2500
7128:	82	34	49	81	34	48	586372.25255	586372.60529	-0.35274	0.10000	0.00000	586372.60529	-0.35274	0.5000
7129:	82	34	48	81	34	47	586372.25255	586372.60529	-0.35274	0.10000	0.00000	586372.60529	-0.35274	0.5000
7130:	92	6	86	91	6	85	586608.74437	586608.77438	-0.03002	0.10000	0.00000	586608.77438	-0.03002	0.2500
7131:	92	7	86	91	7	85	586608.74437	586608.77438	-0.03002	0.10000	0.00000	586608.77438	-0.03002	0.2500
7132:	92	6	86	91	7	85	586608.74437	586608.77438	-0.03002	0.10000	0.00000	586608.77438	-0.03002	0.2500
7133:	92	7	86	91	6	85	586608.74437	586608.77438	-0.03002	0.10000	0.00000	586608.77438	-0.03002	0.2500
7134:	81	26	55	80	26	54	586654.25163	586654.48487	-0.23324	0.10000	0.00000	586654.26704	-0.01541	0.5000
7135:	81	26	56	80	26	55	586654.25163	586654.04921	0.20242	0.10000	0.00000	586654.26704	-0.01541	0.5000
7136:	93	6	88	92	6	87	586868.13084	586868.09991	0.03093	0.10000	0.00000	586868.09991	0.03093	0.3333
7137:	93	5	88	92	6	87	586868.13084	586868.09991	0.03093	0.10000	0.00000	586868.09991	0.03093	0.3333
7138:	93	5	88	92	5	87	586868.13084	586868.09991	0.03093	0.10000	0.00000	586868.09991	0.03093	0.3333
7139:	83	16	68	82	16	67	587023.14974	587023.16366	-0.01392	0.10000	0.00000			
7140:	82	33	49	81	33	48	587027.37759	587027.32329	0.05431	0.10000	0.00000	587027.32329	0.05431	0.5000
7141:	82	33	50	81	33	49	587027.37759	587027.32329	0.05431	0.10000	0.00000	587027.32329	0.05431	0.5000
7142:	83	15	68	82	15	67	587049.23152	587049.12893	0.10259	0.10000	0.00000			
7143:	94	5	90	93	5	89	587140.17103	587140.16803	0.00300	0.10000	0.00000	587140.16803	0.00300	0.2500
7144:	94	4	90	93	5	89	587140.17103	587140.16803	0.00300	0.10000	0.00000	587140.16803	0.00300	0.2500
7145:	94	4	90	93	4	89	587140.17103	587140.16803	0.00300	0.10000	0.00000	587140.16803	0.00300	0.2500
7146:	94	5	90	93	4	89	587140.17103	587140.16803	0.00300	0.10000	0.00000	587140.16803	0.00300	0.2500
7147:	80	17	63	79	17	62	587199.48611	587199.35275	0.13336	0.10000	0.00000			
7148:	95	3	92	94	4	91	587420.66788	587420.67096	-0.00308	0.10000	0.00000	587420.67096	-0.00308	0.2500
7149:	95	4	92	94	3	91	587420.66788	587420.67096	-0.00308	0.10000	0.00000	587420.67096	-0.00308	0.2500
7150:	95	4	92	94	4	91	587420.66788	587420.67096	-0.00308	0.10000	0.00000	587420.67096	-0.00308	0.2500
7151:	95	3	92	94	3	91	587420.66788	587420.67096	-0.00308	0.10000	0.00000	587420.67096	-0.00308	0.2500
7152:	80	22	59	79	22	58	587481.27888	587481.17509	0.10378	0.10000	0.00000			
7153:	46	19	28	45	18	27	587520.76029	587520.70113	0.05916	0.10000	0.00000	587520.70896	0.05132	0.5000
7154:	46	19	27	45	18	28	587520.76029	587520.71680	0.04349	0.10000	0.00000	587520.70896	0.05132	0.5000
7155:	96	2	94	95	2	93	587706.18554	587706.24379	-0.05825	0.10000	0.00000	587706.24379	-0.05825	0.2500
7156:	96	3	94	95	3	93	587706.18554	587706.24379	-0.05825	0.10000	0.00000	587706.24379	-0.05825	0.2500
7157:	96	2	94	95	3	93	587706.18554	587706.24379	-0.05825	0.10000	0.00000	587706.24379	-0.05825	0.2500
7158:	96	3	94	95	2	93	587706.18554	587706.24379	-0.05825	0.10000	0.00000	587706.24379	-0.05825	0.2500
7159:	82	32	51	81	32	50	587747.42722	587747.31661	0.11061	0.10000	0.00000	587747.31661	0.11061	0.5000
7160:	82	32	50	81	32	49	587747.42722	587747.31661	0.11061	0.10000	0.00000	587747.31661	0.11061	0.5000
7161:	97	2	96	96	1	95	587994.20727	587994.23056	-0.02329	0.10000	0.00000	587994.23056	-0.02329	0.2500
7162:	97	2	96	96	2	95	587994.20727	587994.23056	-0.02329	0.10000	0.00000	587994.23056	-0.02329	0.2500
7163:	97	1	96	96	2	95	587994.20727	587994.23056	-0.02329	0.10000	0.00000	587994.23056	-0.02329	0.2500
7164:	97	1	96	96	1	95	587994.20727	587994.23056	-0.02329	0.10000	0.00000	587994.23056	-0.02329	0.2500
7165:	82	17	66	81	17	65	588127.82755	588127.76155	0.06600	0.10000	0.00000			
7166:	98	1	98	97	1	97	588282.48660	588282.51574	-0.02914	0.10000	0.00000	588282.51574	-0.02914	0.3333
7167:	98	1	98	97	0	97	588282.48660	588282.51574	-0.02914	0.10000	0.00000	588282.51574	-0.02914	0.3333

7168:	98	0	98	97	0	97	588282.48660	588282.51574	-0.02914	0.10000	0.00000	588282.51574	-0.02914	0.33333
7169:	81	25	57	80	25	56	588334.11897	588333.80582	0.31314	0.10000	0.00000			
7170:	81	25	56	80	25	55	588337.98905	588337.92405	0.06500	0.10000	0.00000			
7171:	80	22	58	79	22	57	588422.97501	588422.94877	0.02624	0.10000	0.00000			
7172:	82	16	66	81	16	65	588432.90886	588432.89596	0.01290	0.10000	0.00000			
7173:	82	31	51	81	31	50	588543.89591	588543.82227	0.07363	0.10000	0.00000	588543.82227	0.07363	0.5000
7174:	82	31	52	81	31	51	588543.89591	588543.82227	0.07364	0.10000	0.00000	588543.82227	0.07363	0.5000
7175:	44	20	25	43	19	24	588605.69704	588605.71909	-0.02205	0.10000	0.00000		-0.02212	0.5000
7176:	44	20	24	43	19	25	588605.69704	588605.71922	-0.02218	0.10000	0.00000		-0.02212	0.5000
7177:	80	19	62	79	19	61	588919.11466	588919.09976	0.01489	0.10000	0.00000			
7178:	51	17	35	50	16	34	589249.54863	589249.51651	0.03212	0.10000	0.00000			
7179:	42	21	22	41	20	21	589321.07821	589321.11518	-0.03697	0.10000	0.00000			
7180:	42	21	21	41	20	22	589321.07821	589321.11518	-0.03697	0.10000	0.00000	589321.11518	-0.03697	0.5000
7181:	51	17	34	50	16	35	589349.82788	589349.70262	0.12526	0.10000	0.00000		-0.03697	0.5000
7182:	81	18	64	80	18	63	589395.51862	589395.49804	0.02058	0.10000	0.00000			
7183:	82	30	52	81	30	51	589431.07712	589430.94297	0.13415	0.10000	0.00000	589430.94295	0.13417	0.5000
7184:	82	30	53	81	30	52	589431.07712	589430.94293	0.13419	0.10000	0.00000	589430.94295	0.13417	0.5000
7185:	55	15	40	54	14	41	589762.13555	589762.04201	0.09354	0.10000	0.00000			
7186:	40	22	19	39	21	18	589806.47868	589806.60831	-0.12963	0.10000	0.00000	589806.60831	-0.12963	0.5000
7187:	40	22	18	39	21	19	589806.47868	589806.60831	-0.12963	0.10000	0.00000	589806.60831	-0.12963	0.5000
7188:	80	21	60	79	21	59	590091.10922	590091.14244	-0.03322	0.10000	0.00000			
7189:	38	23	15	37	22	16	590146.98262	590147.15838	-0.17576	0.10000	0.00000	590147.15838	-0.17576	0.5000
7190:	38	23	16	37	22	15	590146.98262	590147.15838	-0.17576	0.10000	0.00000	590147.15838	-0.17576	0.5000
7191:	83	41	42	82	41	41	590247.78971	590248.26233	-0.47262	0.10000	0.00000			
7192:	81	24	58	80	24	57	590348.26895	590348.13748	0.13147	0.10000	0.00000			
7193:	81	24	57	80	24	56	590382.37159	590382.29797	0.07361	0.10000	0.00000			
7194:	36	24	12	35	23	13	590396.22919	590396.26079	-0.03160	0.10000	0.00000	590396.26079	-0.03160	0.5000
7195:	36	24	13	35	23	12	590396.22919	590396.26079	-0.03160	0.10000	0.00000	590396.26079	-0.03160	0.5000
7196:	82	29	53	81	29	52	590426.82945	590426.72672	0.10273	0.10000	0.00000	590426.72646	0.10299	0.5000
7197:	82	29	54	81	29	53	590426.82945	590426.72619	0.10326	0.10000	0.00000	590426.72646	0.10299	0.5000
7198:	34	25	10	33	24	9	590588.27354	590588.29496	-0.02143	0.10000	0.00000	590588.29496	-0.02143	0.5000
7199:	34	25	9	33	24	10	590588.27354	590588.29496	-0.02143	0.10000	0.00000	590588.29496	-0.02143	0.5000
7200:	83	40	43	82	40	42	590643.56056	590643.87417	-0.31360	0.10000	0.00000	590643.87417	-0.31360	0.5000
7201:	83	40	44	82	40	43	590643.56056	590643.87417	-0.31360	0.10000	0.00000	590643.87417	-0.31360	0.5000
7202:	32	26	6	31	25	7	590745.54703	590745.57140	-0.02437	0.10000	0.00000	590745.57140	-0.02437	0.5000
7203:	32	26	7	31	25	6	590745.54703	590745.57140	-0.02437	0.10000	0.00000	590745.57140	-0.02437	0.5000
7204:	55	16	40	54	15	39	590842.64923	590842.61326	0.03597	0.10000	0.00000			
7205:	30	27	4	29	26	3	590882.51191	590882.57427	-0.06235	0.10000	0.00000	590882.47758	0.03433	0.3333
7206:	30	27	3	29	26	4	590882.51191	590882.57427	-0.06235	0.10000	0.00000	590882.47758	0.03433	0.3333
7207:	65	23	43	65	21	44	590882.51191	590882.28421	0.22770	0.10000	0.00000	590882.47758	0.03433	0.3333
7208:	28	28	1	27	27	0	591008.54912	591008.61912	-0.06999	0.10000	0.00000	591008.61912	-0.06999	0.5000
7209:	28	28	0	27	27	1	591008.54912	591008.61912	-0.06999	0.10000	0.00000	591008.61912	-0.06999	0.5000
7210:	83	39	44	82	39	43	591066.27193	591066.49775	-0.22582	0.10000	0.00000	591066.49775	-0.22582	0.5000
7211:	83	39	45	82	39	44	591066.27193	591066.49775	-0.22582	0.10000	0.00000	591066.49775	-0.22582	0.5000
7212:	80	20	61	79	20	60	591128.12150	591128.13207	-0.01057	0.10000	0.00000			
7213:	78	18	60	77	18	59	591426.94605	591426.72999	-0.08394	0.10000	0.00000			
7214:	83	38	46	82	38	45	591519.17123	591519.51914	-0.34792	0.10000	0.00000	591519.51914	-0.34792	0.5000
7215:	83	38	45	82	38	44	591519.17123	591519.51914	-0.34792	0.10000	0.00000	591519.51914	-0.34792	0.5000
7216:	82	28	54	81	28	53	591554.92462	591554.83213	0.09249	0.10000	0.00000	591554.83279	0.09583	0.5000

7217:	82	28	55	81	28	54	591554.92462	591554.82545	0.09918	0.10000	0.00000	591554.82879	0.09583	0.5000
7218:	88	12	77	87	11	76	591693.94224	591693.95754	-0.01530	0.10000	0.00000	591693.95740	-0.01516	0.2500
7219:	88	12	77	87	12	76	591693.94224	591693.95735	-0.01511	0.10000	0.00000	591693.95740	-0.01516	0.2500
7220:	88	11	77	87	12	76	591693.94224	591693.95725	-0.01501	0.10000	0.00000	591693.95740	-0.01516	0.2500
7221:	88	11	77	87	11	76	591693.94224	591693.95744	-0.01520	0.10000	0.00000	591693.95740	-0.01516	0.2500
7222:	87	12	75	86	13	74	591711.76923	591711.76514	0.00410	0.10000	0.00000	591711.76924	-0.00001	0.2500
7223:	87	12	75	86	12	74	591711.76923	591711.77040	-0.00116	0.10000	0.00000	591711.76924	-0.00001	0.2500
7224:	87	13	75	86	12	74	591711.76923	591711.77334	-0.00411	0.10000	0.00000	591711.76924	-0.00001	0.2500
7225:	87	13	75	86	13	74	591711.76923	591711.76808	0.00115	0.10000	0.00000	591711.76924	-0.00001	0.2500
7226:	89	11	79	88	10	78	591766.19265	591766.33480	-0.14215	0.10000	0.00000	591766.33480	-0.14214	0.2500
7227:	89	11	79	88	11	78	591766.19265	591766.33479	-0.14214	0.10000	0.00000	591766.33480	-0.14214	0.2500
7228:	89	10	79	88	10	78	591766.19265	591766.33480	-0.14215	0.10000	0.00000	591766.33480	-0.14214	0.2500
7229:	89	10	79	88	11	78	591766.19265	591766.33479	-0.14214	0.10000	0.00000	591766.33480	-0.14214	0.2500
7230:	86	13	73	85	13	72	591858.04676	591858.05914	-0.01237	0.10000	0.00000	591858.03228	0.01448	0.2500
7231:	86	14	73	85	13	72	591858.04676	591858.13132	-0.08456	0.10000	0.00000	591858.03228	0.01448	0.2500
7232:	86	13	73	85	14	72	591858.04676	591857.93324	0.11352	0.10000	0.00000	591858.03228	0.01448	0.2500
7233:	86	14	73	85	14	72	591858.04676	591858.00543	0.04134	0.10000	0.00000	591858.03228	0.01448	0.2500
7234:	90	10	81	89	9	80	591903.38084	591903.36553	0.01531	0.10000	0.00000	591903.36553	0.01531	0.2500
7235:	90	10	81	89	10	80	591903.38084	591903.36553	0.01531	0.10000	0.00000	591903.36553	0.01531	0.2500
7236:	90	9	81	89	10	80	591903.38084	591903.36553	0.01531	0.10000	0.00000	591903.36553	0.01531	0.2500
7237:	90	9	81	89	9	80	591903.38084	591903.36553	0.01531	0.10000	0.00000	591903.36553	0.01531	0.2500
7238:	81	17	64	80	17	63	591978.46000	591978.43657	0.02342	0.10000	0.00000			
7239:	83	37	46	82	37	45	592006.58742	592006.88436	-0.29694	0.10000	0.00000	592006.88436	-0.29694	0.5000
7240:	83	37	47	82	37	46	592006.58742	592006.88436	-0.29694	0.10000	0.00000	592006.88436	-0.29694	0.5000
7241:	91	8	83	90	8	82	592087.21008	592087.28778	-0.07769	0.10000	0.00000	592087.28778	-0.07769	0.2500
7242:	91	9	83	90	8	82	592087.21008	592087.28778	-0.07769	0.10000	0.00000	592087.28778	-0.07769	0.2500
7243:	91	9	83	90	9	82	592087.21008	592087.28778	-0.07769	0.10000	0.00000	592087.28778	-0.07769	0.2500
7244:	91	8	83	90	9	82	592087.21008	592087.28778	-0.07769	0.10000	0.00000	592087.28778	-0.07769	0.2500
7245:	85	15	71	84	15	70	592193.42729	592192.88143	0.54586	0.10000	0.00000	592193.39575	0.03154	0.5000
7246:	85	14	71	84	14	70	592193.42729	592193.91008	-0.48279	0.10000	0.00000	592193.39575	0.03154	0.5000
7247:	92	8	85	91	7	84	592305.32379	592305.34970	-0.02590	0.10000	0.00000	592305.34970	-0.02590	0.2500
7248:	92	8	85	91	8	84	592305.32379	592305.34970	-0.02590	0.10000	0.00000	592305.34970	-0.02590	0.2500
7249:	92	7	85	91	7	84	592305.32379	592305.34970	-0.02590	0.10000	0.00000	592305.34970	-0.02590	0.2500
7250:	92	7	85	91	8	84	592305.32379	592305.34970	-0.02590	0.10000	0.00000	592305.34970	-0.02590	0.2500
7251:	49	18	32	48	17	31	592387.63254	592387.60739	0.02515	0.10000	0.00000			
7252:	49	18	31	48	17	32	592390.08647	592389.96055	0.12592	0.10000	0.00000			
7253:	83	36	48	82	36	47	592533.08142	592533.22499	-0.14357	0.10000	0.00000	592533.22499	-0.14357	0.5000
7254:	83	36	47	82	36	46	592533.08142	592533.22499	-0.14357	0.10000	0.00000	592533.22499	-0.14357	0.5000
7255:	93	7	87	92	7	86	592548.12293	592548.16456	-0.04163	0.10000	0.00000	592548.16456	-0.04163	0.2500
7256:	93	6	87	92	7	86	592548.12293	592548.16456	-0.04163	0.10000	0.00000	592548.16456	-0.04163	0.2500
7257:	93	6	87	92	6	86	592548.12293	592548.16456	-0.04163	0.10000	0.00000	592548.16456	-0.04163	0.2500
7258:	93	7	87	92	6	86	592548.12293	592548.16456	-0.04163	0.10000	0.00000	592548.16456	-0.04163	0.2500
7259:	81	23	59	80	23	58	592782.92181	592782.66198	0.25983	0.10000	0.00000			
7260:	94	5	89	93	6	88	592808.71918	592808.68171	0.03747	0.10000	0.00000	592808.68171	0.03747	0.2500
7261:	94	6	89	93	5	88	592808.71918	592808.68171	0.03747	0.10000	0.00000	592808.68171	0.03747	0.2500
7262:	94	6	89	93	6	88	592808.71918	592808.68171	0.03747	0.10000	0.00000	592808.68171	0.03747	0.2500
7263:	94	5	89	93	5	88	592808.71918	592808.68171	0.03747	0.10000	0.00000	592808.68171	0.03747	0.2500
7264:	84	16	69	83	16	68	592814.15593	592814.16973	-0.01379	0.10000	0.00000			
7265:	84	15	69	83	15	68	592830.21011	592830.18733	0.02278	0.10000	0.00000			

7266:	82	27	56	81	27	55	592847.30958	592847.16481	0.14476	0.10000	0.00000	592847.20307	0.10651	0.5000
7267:	82	27	55	81	27	54	592847.30958	592847.24133	0.06825	0.10000	0.00000	592847.20307	0.10651	0.5000
7268:	81	23	58	80	23	57	593026.21429	593026.23887	-0.02458	0.10000	0.00000			
7269:	95	4	91	94	5	90	593081.48990	593081.51633	-0.02644	0.10000	0.00000	593081.51633	-0.02644	0.2500
7270:	95	4	91	94	4	90	593081.48990	593081.51633	-0.02644	0.10000	0.00000	593081.51633	-0.02644	0.2500
7271:	95	5	91	94	5	90	593081.48990	593081.51633	-0.02644	0.10000	0.00000	593081.51633	-0.02644	0.2500
7272:	95	5	91	94	4	90	593081.48990	593081.51633	-0.02644	0.10000	0.00000	593081.51633	-0.02644	0.2500
7273:	83	35	48	82	35	47	593103.95736	593104.02136	-0.06400	0.10000	0.00000	593104.02136	-0.06400	0.5000
7274:	83	35	48	82	35	48	593103.95736	593104.02136	-0.06400	0.10000	0.00000	593104.02136	-0.06400	0.5000
7275:	96	4	93	95	3	92	593362.48251	593362.49818	-0.01566	0.10000	0.00000	593362.49818	-0.01566	0.2500
7276:	96	4	93	95	4	92	593362.48251	593362.49818	-0.01566	0.10000	0.00000	593362.49818	-0.01566	0.2500
7277:	96	3	93	95	3	92	593362.48251	593362.49818	-0.01566	0.10000	0.00000	593362.49818	-0.01566	0.2500
7278:	96	3	93	95	4	92	593362.48251	593362.49818	-0.01566	0.10000	0.00000	593362.49818	-0.01566	0.2500
7279:	97	3	95	96	2	94	593648.22597	593648.35913	-0.13315	0.10000	0.00000	593648.35913	-0.13315	0.2500
7280:	97	3	95	96	3	94	593648.22597	593648.35913	-0.13315	0.10000	0.00000	593648.35913	-0.13315	0.2500
7281:	97	2	95	96	3	94	593648.22597	593648.35913	-0.13315	0.10000	0.00000	593648.35913	-0.13315	0.2500
7282:	97	2	95	96	2	94	593648.22597	593648.35913	-0.13315	0.10000	0.00000	593648.35913	-0.13315	0.2500
7283:	83	34	50	82	34	49	593725.80612	593725.81768	-0.01156	0.10000	0.00000	593725.81768	-0.01156	0.5000
7284:	83	34	49	82	34	48	593725.80612	593725.81768	-0.01156	0.10000	0.00000	593725.81768	-0.01156	0.5000
7285:	83	17	67	82	17	66	593850.82009	593850.77724	0.04285	0.10000	0.00000			
7286:	78	19	59	77	19	58	593874.57033	593874.55890	0.01144	0.10000	0.00000			
7287:	98	1	97	97	2	96	593936.49435	593936.51178	-0.01744	0.10000	0.00000	593936.51178	-0.01744	0.2500
7288:	98	1	97	97	1	96	593936.49435	593936.51178	-0.01744	0.10000	0.00000	593936.51178	-0.01744	0.2500
7289:	98	1	97	97	2	96	593936.49435	593936.51178	-0.01744	0.10000	0.00000	593936.51178	-0.01744	0.2500
7290:	98	2	97	97	1	96	593936.49435	593936.51178	-0.01744	0.10000	0.00000	593936.51178	-0.01744	0.2500
7291:	59	16	44	58	15	43	594028.85302	594028.99776	-0.14474	0.10000	0.00000			
7292:	83	16	67	82	16	66	594047.71359	594047.67554	0.03805	0.10000	0.00000			
7293:	99	0	99	98	0	98	594224.88983	594224.88929	0.00055	0.10000	0.00000	594224.88929	0.00055	0.2500
7294:	99	1	99	98	1	98	594224.88983	594224.88929	0.00055	0.10000	0.00000	594224.88929	0.00055	0.2500
7295:	99	1	99	98	0	98	594224.88983	594224.88929	0.00055	0.10000	0.00000	594224.88929	0.00055	0.2500
7296:	99	0	99	98	1	98	594224.88983	594224.88929	0.00055	0.10000	0.00000	594224.88929	0.00055	0.2500
7297:	47	19	28	46	18	29	594265.96147	594266.03570	-0.07423	0.10000	0.00000	594266.01821	-0.05674	0.5000
7298:	47	19	29	46	18	28	594265.96147	594266.00072	-0.03925	0.10000	0.00000	594266.01821	-0.05674	0.5000
7299:	82	26	56	81	26	55	594348.83648	594349.11565	-0.27917	0.10000	0.00000	594348.72302	0.11346	0.5000
7300:	82	26	57	81	26	56	594348.83648	594348.33039	0.50609	0.10000	0.00000	594348.72302	0.11346	0.5000
7301:	83	33	50	82	33	49	594406.57572	594406.51110	0.06462	0.10000	0.00000	594406.51110	0.06462	0.5000
7302:	83	33	51	82	33	50	594406.57572	594406.51110	0.06462	0.10000	0.00000	594406.51110	0.06462	0.5000
7303:	80	21	59	79	21	58	594641.92232	594641.90114	0.02119	0.10000	0.00000			
7304:	79	20	59	78	20	58	594781.60807	594781.61732	-0.00925	0.10000	0.00000			
7305:	83	32	51	82	32	50	595155.80808	595155.74792	0.06016	0.10000	0.00000	595155.74792	0.06016	0.5000
7306:	83	32	52	82	32	51	595155.80808	595155.74792	0.06016	0.10000	0.00000	595155.74792	0.06016	0.5000
7307:	82	18	65	81	18	64	595184.18135	595184.25022	-0.06887	0.10000	0.00000			
7308:	81	19	63	80	19	62	595313.58094	595313.46949	0.11145	0.10000	0.00000			
7309:	45	20	26	44	19	25	595462.88711	595462.80790	0.07920	0.10000	0.00000	595462.80109	0.08602	0.3333
7310:	45	20	25	44	19	26	595462.88711	595462.80823	0.07887	0.10000	0.00000	595462.80109	0.08602	0.3333
7311:	57	16	42	56	15	41	595462.88711	595462.78713	0.09998	0.10000	0.00000	595462.80109	0.08602	0.3333
7312:	52	17	35	51	16	36	595555.67194	595555.53916	0.13278	0.10000	0.00000			
7313:	81	22	60	80	22	59	595568.03860	595568.01758	0.02102	0.10000	0.00000			
7314:	58	16	43	57	15	42	595632.78013	595632.74677	0.03336	0.10000	0.00000			

7315:	83	31	53	82	31	52	595985.57743	595985.48029	0.09714	0.10000	0.00000	595985.48030	0.09713	0.5000
7316:	83	31	52	82	31	51	595985.57743	595985.48030	0.09713	0.10000	0.00000	595985.48030	0.09713	0.5000
7317:	82	25	58	81	25	57	596122.20196	596122.23650	-0.03455	0.10000	0.00000			
7318:	82	25	57	81	25	56	596129.60152	596129.38829	0.21323	0.10000	0.00000			
7319:	43	21	23	42	20	22	596250.69159	596250.72026	-0.02867	0.10000	0.00000	596250.72026	-0.02867	0.5000
7320:	43	21	22	42	20	23	596250.69159	596250.72026	-0.02867	0.10000	0.00000	596250.72026	-0.02867	0.5000
7321:	79	18	61	78	18	60	596358.17719	596358.13383	0.04336	0.10000	0.00000			
7322:	41	22	20	40	21	19	596784.16027	596784.15793	0.00233	0.10000	0.00000			
7323:	83	30	54	82	30	53	596910.94658	596910.77049	0.17609	0.10000	0.00000	596910.77053	0.17605	0.5000
7324:	83	30	53	82	30	52	596910.94658	596910.77057	0.17601	0.10000	0.00000	596910.77053	0.17605	0.5000
7325:	82	17	65	81	17	64	596971.97800	596971.93039	0.04761	0.10000	0.00000			
7326:	81	22	59	80	22	58	597004.63178	597004.54103	0.09074	0.10000	0.00000			
7327:	39	23	16	38	22	17	597156.51557	597156.55271	-0.03714	0.10000	0.00000	597156.55271	-0.03714	0.5000
7328:	39	23	17	38	22	16	597156.51557	597156.55271	-0.03714	0.10000	0.00000	597156.55271	-0.03714	0.5000
7329:	37	24	13	36	23	14	597426.62517	597426.64739	-0.02222	0.10000	0.00000	597426.64739	-0.02222	0.5000
7330:	37	24	14	36	23	13	597426.62517	597426.64739	-0.02222	0.10000	0.00000	597426.64739	-0.02222	0.5000
7331:	89	12	78	88	12	77	597609.95467	597609.88925	0.06542	0.10000	0.00000	597609.88928	0.06540	0.2500
7332:	89	12	78	88	11	77	597609.95467	597609.88935	0.06532	0.10000	0.00000	597609.88928	0.06540	0.2500
7333:	89	11	78	88	12	77	597609.95467	597609.88920	0.06547	0.10000	0.00000	597609.88928	0.06540	0.2500
7334:	89	11	78	88	11	77	597609.95467	597609.88930	0.06537	0.10000	0.00000	597609.88928	0.06540	0.2500
7335:	88	12	76	87	13	75	597614.78962	597614.75925	0.03037	0.10000	0.00000	597614.76154	0.02807	0.2500
7336:	88	12	76	87	12	75	597614.78962	597614.76219	0.02742	0.10000	0.00000	597614.76154	0.02807	0.2500
7337:	88	13	76	87	12	75	597614.78962	597614.76384	0.02578	0.10000	0.00000	597614.76154	0.02807	0.2500
7338:	88	13	76	87	13	75	597614.78962	597614.76089	0.02873	0.10000	0.00000	597614.76154	0.02807	0.2500
7339:	35	25	10	34	24	11	597632.22876	597632.23720	-0.00845	0.10000	0.00000	597632.23720	-0.00845	0.5000
7340:	35	25	11	34	24	10	597632.22876	597632.23720	-0.00845	0.10000	0.00000	597632.23720	-0.00845	0.5000
7341:	90	10	80	89	10	79	597690.71968	597690.84340	-0.12372	0.10000	0.00000	597690.84340	-0.12372	0.3333
7342:	90	10	80	89	11	79	597690.71968	597690.84339	-0.12372	0.10000	0.00000	597690.84340	-0.12372	0.3333
7343:	90	11	80	89	11	79	597690.71968	597690.84340	-0.12372	0.10000	0.00000	597690.84340	-0.12372	0.3333
7344:	55	16	39	54	15	40	597709.70642	597709.60305	0.10337	0.10000	0.00000			
7345:	87	14	74	86	14	73	597741.08354	597741.05105	0.03249	0.10000	0.00000	597741.04762	0.03592	0.3333
7346:	87	13	74	86	13	73	597741.08354	597741.08199	0.01555	0.10000	0.00000	597741.04762	0.03592	0.3333
7347:	87	13	74	86	14	73	597741.08354	597741.00981	0.07373	0.10000	0.00000	597741.04762	0.03592	0.3333
7348:	33	26	7	32	25	8	597797.90509	597797.93554	-0.03045	0.10000	0.00000	597797.93554	-0.03045	0.5000
7349:	33	26	8	32	25	7	597797.90509	597797.93554	-0.03045	0.10000	0.00000	597797.93554	-0.03045	0.5000
7350:	91	10	82	90	10	81	597833.62661	597833.63025	-0.00364	0.10000	0.00000	597833.63025	-0.00364	0.3333
7351:	91	9	82	90	9	81	597833.62661	597833.63025	-0.00364	0.10000	0.00000	597833.63025	-0.00364	0.3333
7352:	91	9	82	90	10	81	597833.62661	597833.63025	-0.00364	0.10000	0.00000	597833.63025	-0.00364	0.3333
7353:	31	27	5	30	26	4	597939.77867	597939.81822	-0.03955	0.10000	0.00000	597833.63025	-0.00364	0.3333
7354:	83	29	55	82	29	54	597951.14454	597950.99277	0.15177	0.10000	0.00000	597950.99329	0.15125	0.5000
7355:	83	29	54	82	29	53	597951.14454	597950.99381	0.15073	0.10000	0.00000	597950.99329	0.15125	0.5000
7356:	81	21	61	80	21	60	597995.59511	597995.54639	0.04872	0.10000	0.00000			
7357:	92	9	84	91	8	83	598021.45537	598021.43505	0.02032	0.10000	0.00000	598021.43505	0.02032	0.2500
7358:	92	9	84	91	9	83	598021.45537	598021.43505	0.02032	0.10000	0.00000	598021.43505	0.02032	0.2500
7359:	92	8	84	91	9	83	598021.45537	598021.43505	0.02032	0.10000	0.00000	598021.43505	0.02032	0.2500
7360:	92	8	84	91	8	83	598021.45537	598021.43505	0.02032	0.10000	0.00000	598021.43505	0.02032	0.2500
7361:	86	15	72	85	15	71	598044.55002	598044.20716	0.34286	0.10000	0.00000	598044.51202	0.03800	0.5000
7362:	86	14	72	85	14	71	598044.55002	598044.81688	-0.26687	0.10000	0.00000	598044.51202	0.03800	0.5000
7363:	29	28	2	28	27	1	598068.30942	598068.32006	-0.01063	0.10000	0.00000	598068.32006	-0.01063	0.5000

7364:	29	28	1	28	27	2	598068.30942	598068.32006	-0.01063	0.10000	0.00000	598068.32006	-0.01063	0.5000
7365:	93	8	86	92	8	85	598242.12789	598242.11220	0.01569	0.10000	0.00000	598242.11220	0.01569	0.3333
7366:	93	7	86	92	7	85	598242.12789	598242.11220	0.01569	0.10000	0.00000	598242.11220	0.01569	0.3333
7367:	93	8	86	92	7	85	598242.12789	598242.11220	0.01569	0.10000	0.00000	598242.11220	0.01569	0.3333
7368:	82	24	59	81	24	58	598256.08035	598256.07091	0.00944	0.10000	0.00000			
7369:	82	24	58	81	24	57	598313.06928	598313.03903	0.03025	0.10000	0.00000			
7370:	84	39	46	83	39	45	598328.62441	598328.63578	-0.01137	0.10000	0.00000	598328.63578	-0.01137	0.5000
7371:	84	39	45	83	39	44	598328.62441	598328.63578	-0.01137	0.10000	0.00000	598328.63578	-0.01137	0.5000
7372:	81	20	62	80	20	61	598380.17508	598380.10684	0.06824	0.10000	0.00000			
7373:	94	7	88	93	6	87	598486.77304	598486.67558	0.09745	0.10000	0.00000	598486.67558	0.09745	0.3333
7374:	94	7	88	93	7	87	598486.77304	598486.67558	0.09745	0.10000	0.00000	598486.67558	0.09745	0.3333
7375:	94	6	88	93	6	87	598486.77304	598486.67558	0.09745	0.10000	0.00000	598486.67558	0.09745	0.3333
7376:	85	16	70	84	16	69	598614.03710	598614.18797	-0.15087	0.10000	0.00000			
7377:	85	15	70	84	15	69	598624.03862	598624.00740	0.03122	0.10000	0.00000			
7378:	95	6	90	94	5	89	598748.31440	598748.34587	-0.03147	0.10000	0.00000	598748.34587	-0.03147	0.2500
7379:	95	6	90	94	6	89	598748.31440	598748.34587	-0.03147	0.10000	0.00000	598748.34587	-0.03147	0.2500
7380:	95	5	90	94	5	89	598748.31440	598748.34587	-0.03147	0.10000	0.00000	598748.34587	-0.03147	0.2500
7381:	95	5	90	94	6	89	598748.31440	598748.34587	-0.03147	0.10000	0.00000	598748.34587	-0.03147	0.2500
7382:	84	38	47	83	38	46	598797.94541	598797.97173	-0.02632	0.10000	0.00000	598797.97173	-0.02632	0.5000
7383:	84	38	46	83	38	45	598797.94541	598797.97173	-0.02632	0.10000	0.00000	598797.97173	-0.02632	0.5000
7384:	50	18	33	49	17	32	598901.63984	598901.44670	0.19314	0.10000	0.00000			
7385:	50	18	32	49	17	33	598906.03392	598906.12608	-0.09216	0.10000	0.00000			
7386:	96	5	92	95	5	91	599021.94413	599021.92547	0.01866	0.10000	0.00000	599021.92547	0.01866	0.3333
7387:	96	4	92	95	4	91	599021.94413	599021.92547	0.01866	0.10000	0.00000	599021.92547	0.01866	0.3333
7388:	96	5	92	95	4	91	599021.94413	599021.92547	0.01866	0.10000	0.00000	599021.92547	0.01866	0.3333
7389:	83	28	56	82	28	55	599131.87590	599131.70147	0.17442	0.10000	0.00000	599131.70786	0.16804	0.5000
7390:	83	28	55	82	28	54	599131.87590	599131.71424	0.16166	0.10000	0.00000	599131.70786	0.16804	0.5000
7391:	97	3	94	96	3	93	599303.25372	599303.37510	-0.12137	0.10000	0.00000	599303.30673	-0.05301	0.1667
7392:	97	3	94	96	4	93	599303.25372	599303.37510	-0.12137	0.10000	0.00000	599303.30673	-0.05301	0.1667
7393:	97	4	94	96	3	93	599303.25372	599303.37510	-0.12137	0.10000	0.00000	599303.30673	-0.05301	0.1667
7394:	84	37	47	83	37	46	599303.25372	599303.17001	0.08371	0.10000	0.00000	599303.30673	-0.05301	0.1667
7395:	84	37	48	83	37	47	599303.25372	599303.17001	0.08371	0.10000	0.00000	599303.30673	-0.05301	0.1667
7396:	97	4	94	96	4	93	599303.25372	599303.37510	-0.12137	0.10000	0.00000	599303.30673	-0.05301	0.1667
7397:	84	17	68	83	17	67	599580.59906	599580.57903	0.02003	0.10000	0.00000			
7398:	98	3	96	97	2	95	599589.51037	599589.51921	-0.00884	0.10000	0.00000	599589.51921	-0.00884	0.2500
7399:	98	3	96	97	3	95	599589.51037	599589.51921	-0.00884	0.10000	0.00000	599589.51921	-0.00884	0.2500
7400:	98	2	96	97	2	95	599589.51037	599589.51921	-0.00884	0.10000	0.00000	599589.51921	-0.00884	0.2500
7401:	98	2	96	97	3	95	599589.51037	599589.51921	-0.00884	0.10000	0.00000	599589.51921	-0.00884	0.2500
7402:	84	16	68	83	16	67	599706.69675	599706.50811	0.18864	0.10000	0.00000			
7403:	84	36	49	83	36	48	599849.03207	599849.09726	-0.06519	0.10000	0.00000	599849.09726	-0.06519	0.5000
7404:	84	36	48	83	36	47	599849.03207	599849.09726	-0.06519	0.10000	0.00000	599849.09726	-0.06519	0.5000
7405:	99	1	98	98	2	97	599877.82271	599877.83619	-0.01348	0.10000	0.00000	599877.83619	-0.01348	0.2500
7406:	99	2	98	98	1	97	599877.82271	599877.83619	-0.01348	0.10000	0.00000	599877.83619	-0.01348	0.2500
7407:	99	2	98	98	2	97	599877.82271	599877.83619	-0.01348	0.10000	0.00000	599877.83619	-0.01348	0.2500
7408:	99	1	98	98	1	97	599877.82271	599877.83619	-0.01348	0.10000	0.00000	599877.83619	-0.01348	0.2500
7409:	100	0	100	99	1	99	600166.29839	600166.30604	-0.00765	0.10000	0.00000	600166.30604	-0.00765	0.2500
7410:	100	1	100	99	0	99	600166.29839	600166.30604	-0.00765	0.10000	0.00000	600166.30604	-0.00765	0.2500
7411:	100	1	100	99	1	99	600166.29839	600166.30604	-0.00765	0.10000	0.00000	600166.30604	-0.00765	0.2500
7412:	100	0	100	99	0	99	600166.29839	600166.30604	-0.00765	0.10000	0.00000	600166.30604	-0.00765	0.2500

7413:	84	35	49	83	35	48	600441.44607	600441.52226	-0.07618	0.10000	0.00000	600441.52226	-0.07618	0.5000
7414:	84	35	50	83	35	49	600441.44607	600441.52226	-0.07618	0.10000	0.00000	600441.52226	-0.07618	0.5000
7415:	83	27	56	82	27	55	600487.59697	600487.79705	-0.20007	0.10000	0.00000	600487.72641	-0.12943	0.5000
7416:	83	27	57	82	27	56	600487.59697	600487.65577	-0.05879	0.10000	0.00000	600487.72641	-0.12943	0.5000
7417:	80	18	62	79	18	61	600765.46754	600765.48148	-0.01394	0.10000	0.00000			
7418:	82	23	60	81	23	59	600822.19854	600822.21225	-0.01371	0.10000	0.00000			
7419:	83	18	66	82	18	65	600927.98878	600928.00887	-0.02009	0.10000	0.00000			
7420:	48	19	29	47	18	30	600978.48912	600978.58091	-0.09179	0.10000	0.00000	600978.54270	-0.05358	0.5000
7421:	48	19	30	47	18	29	600978.48912	600978.50448	-0.01537	0.10000	0.00000	600978.54270	-0.05358	0.5000
7422:	84	34	50	83	34	49	601087.33500	601087.34814	-0.01314	0.10000	0.00000	601087.34814	-0.01314	0.5000
7423:	84	34	51	83	34	50	601087.33500	601087.34814	-0.01314	0.10000	0.00000	601087.34814	-0.01314	0.5000
7424:	82	23	59	81	23	58	601210.01027	601209.92372	0.08655	0.10000	0.00000			
7425:	53	17	37	52	16	36	601368.11062	601368.12165	-0.01103	0.10000	0.00000			
7426:	82	19	64	81	19	63	601532.80951	601532.77333	0.03617	0.10000	0.00000			
7427:	53	17	36	52	16	37	601691.64885	601691.86881	-0.21997	0.10000	0.00000			
7428:	84	33	51	83	33	50	601794.92705	601794.92589	0.00116	0.10000	0.00000	601794.92589	0.00116	0.5000
7429:	84	33	52	83	33	51	601794.92705	601794.92589	0.00116	0.10000	0.00000	601794.92589	0.00116	0.5000
7430:	83	26	58	82	26	57	602067.77345	602067.78420	-0.01075	0.10000	0.00000			
7431:	83	26	57	82	26	56	602068.58064	602069.18386	-0.60322	0.10000	0.00000			
7432:	83	17	66	82	17	65	602144.96700	602144.91110	0.05589	0.10000	0.00000			
7433:	79	19	60	78	19	59	602296.03704	602296.06453	-0.02749	0.10000	0.00000			
7434:	46	20	27	45	19	26	602297.65000	602297.56149	0.08851	0.10000	0.00000			
7435:	44	21	23	43	20	24	603164.59165	603164.65394	-0.06229	0.10000	0.00000	603164.65394	-0.06229	0.5000
7436:	44	21	24	43	20	23	603164.59165	603164.65393	-0.06229	0.10000	0.00000	603164.65394	-0.06229	0.5000
7437:	84	31	54	83	31	53	603438.90777	603438.75170	0.15607	0.10000	0.00000	603438.75171	0.15607	0.5000
7438:	84	31	53	83	31	52	603438.90777	603438.75171	0.15606	0.10000	0.00000	603438.75171	0.15607	0.5000
7439:	89	13	77	88	13	76	603518.70826	603518.66395	0.04432	0.10000	0.00000	603518.66431	0.04395	0.2500
7440:	89	12	77	88	12	76	603518.70826	603518.66468	0.04359	0.10000	0.00000	603518.66431	0.04395	0.2500
7441:	89	13	77	88	12	76	603518.70826	603518.66559	0.04267	0.10000	0.00000	603518.66431	0.04395	0.2500
7442:	89	12	77	88	13	76	603518.70826	603518.66303	0.04523	0.10000	0.00000	603518.66431	0.04395	0.2500
7443:	90	11	79	89	12	78	603526.00928	603525.98008	0.02920	0.10000	0.00000	603525.98013	0.02916	0.2500
7444:	90	12	79	89	12	78	603526.00928	603525.98011	0.02917	0.10000	0.00000	603525.98013	0.02916	0.2500
7445:	90	12	79	89	11	78	603526.00928	603525.98017	0.02911	0.10000	0.00000	603525.98013	0.02916	0.2500
7446:	90	11	79	89	11	78	603526.00928	603525.98014	0.02914	0.10000	0.00000	603525.98013	0.02916	0.2500
7447:	91	11	81	90	10	80	603615.10611	603615.06317	0.04294	0.10000	0.00000	603615.06317	0.04294	0.2500
7448:	91	11	81	90	11	80	603615.10611	603615.06317	0.04294	0.10000	0.00000	603615.06317	0.04294	0.2500
7449:	91	10	81	90	11	80	603615.10611	603615.06317	0.04294	0.10000	0.00000	603615.06317	0.04294	0.2500
7450:	91	10	81	90	10	80	603615.10611	603615.06317	0.04294	0.10000	0.00000	603615.06317	0.04294	0.2500
7451:	88	14	75	87	14	74	603626.49254	603626.31011	0.18243	0.10000	0.00000	603626.30820	0.18434	0.3333
7452:	88	13	75	87	13	74	603626.49254	603626.32787	0.16467	0.10000	0.00000	603626.30820	0.18434	0.3333
7453:	88	13	75	87	14	74	603626.49254	603626.28662	0.20592	0.10000	0.00000	603626.30820	0.18434	0.3333
7454:	82	22	61	81	22	60	603652.02279	603651.99054	0.03225	0.10000	0.00000			
7455:	42	22	21	41	21	20	603750.51526	603750.55329	-0.03803	0.10000	0.00000	603750.55329	-0.03803	0.5000
7456:	42	22	20	41	21	21	603750.51526	603750.55329	-0.03803	0.10000	0.00000	603750.55329	-0.03803	0.5000
7457:	92	10	83	91	9	82	603763.46315	603763.33368	0.12947	0.10000	0.00000	603763.33368	0.12947	0.2500
7458:	92	10	83	91	10	82	603763.46315	603763.33368	0.12947	0.10000	0.00000	603763.33368	0.12947	0.2500
7459:	92	9	83	91	9	82	603763.46315	603763.33368	0.12947	0.10000	0.00000	603763.33368	0.12947	0.2500
7460:	92	9	83	91	10	82	603763.46315	603763.33368	0.12947	0.10000	0.00000	603763.33368	0.12947	0.2500
7461:	87	14	73	86	14	72	603900.27909	603900.44010	-0.16101	0.10000	0.00000	603900.48866	-0.20956	0.3333

7462:	87	15	73	86	15	72	603900.27909	603900.08035	0.19874	0.10000	0.00000	603900.48866	-0.20956	0.3333
7463:	87	15	73	86	14	72	603900.27909	603900.94552	-0.66643	0.10000	0.00000	603900.48866	-0.20956	0.3333
7464:	83	25	59	82	25	58	603942.26379	603942.17030	0.09349	0.10000	0.00000			
7465:	93	8	85	92	9	84	603954.78107	603954.85376	-0.07268	0.10000	0.00000	603954.77264	0.00843	0.2000
7466:	93	9	85	92	8	84	603954.78107	603954.85376	-0.07268	0.10000	0.00000	603954.77264	0.00843	0.2000
7467:	93	9	85	92	9	84	603954.78107	603954.85376	-0.07268	0.10000	0.00000	603954.77264	0.00843	0.2000
7468:	83	25	58	82	25	57	603954.78107	603954.44819	0.33289	0.10000	0.00000	603954.77264	0.00843	0.2000
7469:	93	8	85	92	8	84	603954.78107	603954.85376	-0.07268	0.10000	0.00000	603954.77264	0.00843	0.2000
7470:	40	23	17	39	22	18	604157.78632	604157.97449	-0.18817	0.10000	0.00000	604157.97449	-0.18817	0.5000
7471:	40	23	18	39	22	17	604157.78632	604157.97449	-0.18817	0.10000	0.00000	604157.97449	-0.18817	0.5000
7472:	94	8	87	93	7	86	604178.03568	604178.04363	-0.00795	0.10000	0.00000	604178.04363	-0.00795	0.2500
7473:	94	8	87	93	8	86	604178.03568	604178.04363	-0.00795	0.10000	0.00000	604178.04363	-0.00795	0.2500
7474:	94	7	87	93	7	86	604178.03568	604178.04363	-0.00795	0.10000	0.00000	604178.04363	-0.00795	0.2500
7475:	94	7	87	93	8	86	604178.03568	604178.04363	-0.00795	0.10000	0.00000	604178.04363	-0.00795	0.2500
7476:	81	21	60	80	21	59	604339.83449	604339.73402	0.10047	0.10000	0.00000			
7477:	84	30	55	83	30	54	604403.92918	604403.82396	0.10522	0.10000	0.00000	604403.82403	0.10515	0.5000
7478:	84	30	54	83	30	53	604403.92918	604403.82411	0.10507	0.10000	0.00000	604403.82403	0.10515	0.5000
7479:	95	6	89	94	6	88	604424.38172	604424.29359	0.08813	0.10000	0.00000	604424.29359	0.08813	0.2500
7480:	95	6	89	94	7	88	604424.38172	604424.29359	0.08813	0.10000	0.00000	604424.29359	0.08813	0.2500
7481:	95	7	89	94	6	88	604424.38172	604424.29359	0.08813	0.10000	0.00000	604424.29359	0.08813	0.2500
7482:	95	7	89	94	7	88	604424.38172	604424.29359	0.08813	0.10000	0.00000	604424.29359	0.08813	0.2500
7483:	86	15	71	85	15	70	604428.56069	604428.55462	0.00607	0.10000	0.00000			
7484:	38	24	14	37	23	15	604451.37083	604451.35642	0.01440	0.10000	0.00000	604451.35642	0.01440	0.5000
7485:	38	24	15	37	23	14	604451.37083	604451.35642	0.01440	0.10000	0.00000	604451.35642	0.01440	0.5000
7486:	56	16	40	55	15	41	604565.99587	604566.17789	-0.18202	0.10000	0.00000			
7487:	36	25	11	35	24	12	604672.17055	604672.17988	-0.00933	0.10000	0.00000	604672.17988	-0.00933	0.5000
7488:	36	25	12	35	24	11	604672.17055	604672.17988	-0.00933	0.10000	0.00000	604672.17988	-0.00933	0.5000
7489:	96	5	91	95	5	90	604687.06442	604687.08059	-0.01616	0.10000	0.00000	604687.08059	-0.01616	0.2500
7490:	96	5	91	95	6	90	604687.06442	604687.08059	-0.01616	0.10000	0.00000	604687.08059	-0.01616	0.2500
7491:	96	6	91	95	5	90	604687.06442	604687.08059	-0.01616	0.10000	0.00000	604687.08059	-0.01616	0.2500
7492:	96	6	91	95	6	90	604687.06442	604687.08059	-0.01616	0.10000	0.00000	604687.08059	-0.01616	0.2500
7493:	25	16	9	24	14	10	604847.69787	604848.07166	-0.37378	0.10000	0.00000	604847.80289	-0.10502	0.2500
7494:	25	16	10	24	14	11	604847.69787	604848.07166	-0.37378	0.10000	0.00000	604847.80289	-0.10502	0.2500
7495:	34	26	8	33	25	9	604847.69787	604847.53412	0.16375	0.10000	0.00000	604847.80289	-0.10502	0.2500
7496:	34	26	9	33	25	8	604847.69787	604847.53412	0.16375	0.10000	0.00000	604847.80289	-0.10502	0.2500
7497:	81	18	63	80	18	62	604894.86044	604894.82900	0.03144	0.10000	0.00000			
7498:	80	20	60	79	20	59	604915.20935	604915.26148	-0.05213	0.10000	0.00000			
7499:	97	4	93	96	4	92	604961.35500	604961.38471	-0.02971	0.10000	0.00000	604961.38471	-0.02971	0.2500
7500:	97	4	93	96	5	92	604961.35500	604961.38471	-0.02971	0.10000	0.00000	604961.38471	-0.02971	0.2500
7501:	97	5	93	96	4	92	604961.35500	604961.38471	-0.02971	0.10000	0.00000	604961.38471	-0.02971	0.2500
7502:	97	5	93	96	5	92	604961.35500	604961.38471	-0.02971	0.10000	0.00000	604961.38471	-0.02971	0.2500
7503:	32	27	6	31	26	5	604995.22792	604995.20320	0.02472	0.10000	0.00000			
7504:	30	28	3	29	27	2	605126.77087	605126.82293	-0.05205	0.10000	0.00000			
7505:	85	40	46	84	40	45	605142.79059	605143.15731	-0.36671	0.10000	0.00000			
7506:	98	4	95	97	4	94	605243.28074	605243.29156	-0.01082	0.10000	0.00000	605243.29156	-0.01082	0.3333
7507:	98	4	95	97	3	94	605243.28074	605243.29156	-0.01082	0.10000	0.00000	605243.29156	-0.01082	0.3333
7508:	98	3	95	97	4	94	605243.28074	605243.29156	-0.01082	0.10000	0.00000	605243.29156	-0.01082	0.3333
7509:	85	17	69	84	17	68	605319.47752	605319.43920	0.03831	0.10000	0.00000			
7510:	51	18	34	50	17	33	605358.20847	605358.55171	-0.34325	0.10000	0.00000			

7511:	51	18	33	50	17	34	605367.68636	605367.68550	0.00086	0.10000	0.00000		
7512:	82	20	63	81	20	62	605423.42317	605423.32404	0.09913	0.10000	0.00000		
7513:	84	29	56	83	29	55	605490.65083	605490.52735	0.12349	0.10000	0.00000	605490.52836	0.12247 0.5000
7514:	84	29	55	83	29	54	605490.65083	605490.52938	0.12145	0.10000	0.00000	605490.52836	0.12247 0.5000
7515:	59	14	46	59	11	49	605529.66370	605529.20585	0.45786	0.10000	0.00000	605529.61247	0.05123 0.2000
7516:	99	2	97	98	2	96	605529.66370	605529.71413	-0.05043	0.10000	0.00000	605529.61247	0.05123 0.2000
7517:	99	2	97	98	3	96	605529.66370	605529.71413	-0.05043	0.10000	0.00000	605529.61247	0.05123 0.2000
7518:	99	3	97	98	2	96	605529.66370	605529.71413	-0.05043	0.10000	0.00000	605529.61247	0.05123 0.2000
7519:	99	3	97	98	3	96	605529.66370	605529.71413	-0.05043	0.10000	0.00000	605529.61247	0.05123 0.2000
7520:	82	21	62	81	21	61	605789.72995	605789.60124	0.12871	0.10000	0.00000		
7521:	82	22	60	81	22	59	605803.45274	605803.37017	0.08257	0.10000	0.00000		
7522:	100	1	99	99	2	98	605818.15771	605818.19398	-0.03627	0.10000	0.00000	605818.19398	-0.03627 0.2500
7523:	100	2	99	99	1	98	605818.15771	605818.19398	-0.03627	0.10000	0.00000	605818.19398	-0.03627 0.2500
7524:	100	2	99	99	2	98	605818.15771	605818.19398	-0.03627	0.10000	0.00000	605818.19398	-0.03627 0.2500
7525:	100	1	99	99	1	98	605818.15771	605818.19398	-0.03627	0.10000	0.00000	605818.19398	-0.03627 0.2500
7526:	85	38	48	84	38	47	606081.94145	606082.30475	-0.36330	0.10000	0.00000	606082.30475	-0.36330 0.5000
7527:	85	38	47	84	38	46	606081.94145	606082.30475	-0.36330	0.10000	0.00000	606082.30475	-0.36330 0.5000
7528:	101	0101100	1100				606106.73452	606106.75623	-0.02171	0.10000	0.00000	606106.75623	-0.02171 0.2500
7529:	101	0101100	0100				606106.73452	606106.75623	-0.02171	0.10000	0.00000	606106.75623	-0.02171 0.2500
7530:	101	1101100	1100				606106.73452	606106.75623	-0.02171	0.10000	0.00000	606106.75623	-0.02171 0.2500
7531:	101	1101100	0100				606106.73452	606106.75623	-0.02171	0.10000	0.00000	606106.75623	-0.02171 0.2500
7532:	83	24	60	82	24	59	606201.95968	606201.86407	0.09561	0.10000	0.00000		
7533:	83	24	59	82	24	58	606295.84701	606295.70545	0.14156	0.10000	0.00000		
7534:	85	37	48	84	37	47	606605.73757	606605.86831	-0.13075	0.10000	0.00000	606605.86831	-0.13075 0.5000
7535:	85	37	49	84	37	48	606605.73757	606605.86831	-0.13075	0.10000	0.00000	606605.86831	-0.13075 0.5000
7536:	84	18	67	83	18	66	606644.00232	606643.99981	0.00251	0.10000	0.00000		
7537:	84	28	57	83	28	56	606726.41276	606726.51386	-0.10109	0.10000	0.00000	606726.52592	-0.11315 0.5000
7538:	84	28	56	83	28	55	606726.41276	606726.53797	-0.12521	0.10000	0.00000	606726.52592	-0.11315 0.5000
7539:	85	36	49	84	36	48	607171.92704	607171.98737	-0.06033	0.10000	0.00000		
7540:	84	17	67	83	17	66	607460.77157	607460.72055	0.05102	0.10000	0.00000		
7541:	83	19	65	82	19	64	607601.70502	607601.53836	0.16666	0.10000	0.00000		
7542:	49	19	31	48	18	30	607655.58719	607655.54044	0.04675	0.10000	0.00000	607655.62222	-0.03503 0.5000
7543:	49	19	30	48	18	31	607655.58719	607655.70400	-0.11682	0.10000	0.00000	607655.62222	-0.03503 0.5000
7544:	54	17	37	53	16	38	607765.29122	607765.50662	-0.21540	0.10000	0.00000		
7545:	85	35	50	84	35	49	607786.67075	607786.73568	-0.06494	0.10000	0.00000	607786.73568	-0.06494 0.5000
7546:	85	35	51	84	35	50	607786.67075	607786.73568	-0.06494	0.10000	0.00000	607786.73568	-0.06494 0.5000
7547:	84	27	57	83	27	56	608149.91071	608149.95766	-0.04695	0.10000	0.00000	608149.82865	0.08206 0.5000
7548:	84	27	58	83	27	57	608149.91071	608149.69964	0.21107	0.10000	0.00000	608149.82865	0.08206 0.5000
7549:	85	34	51	84	34	50	608457.37037	608457.39738	-0.02701	0.10000	0.00000	608457.39738	-0.02701 0.5000
7550:	85	34	52	84	34	51	608457.37037	608457.39738	-0.02701	0.10000	0.00000	608457.39738	-0.02701 0.5000
7551:	83	23	61	82	23	60	608893.51097	608893.46725	0.04372	0.10000	0.00000		
7552:	82	18	64	81	18	63	608979.28422	608979.23016	0.05405	0.10000	0.00000		
7553:	47	20	27	46	19	28	609108.21083	609108.27586	-0.06504	0.10000	0.00000	609108.27492	-0.06410 0.5000
7554:	47	20	28	46	19	27	609108.21083	609108.27398	-0.06315	0.10000	0.00000	609108.27492	-0.06410 0.5000
7555:	85	33	52	84	33	51	609192.80962	609192.80727	0.00234	0.10000	0.00000	609192.80727	0.00234 0.5000
7556:	85	33	53	84	33	52	609192.80962	609192.80727	0.00234	0.10000	0.00000	609192.80727	0.00234 0.5000
7557:	90	13	78	89	13	77	609423.35097	609423.33302	0.01795	0.10000	0.00000	609423.33323	0.01774 0.2500
7558:	90	12	78	89	13	77	609423.35097	609423.33251	0.01846	0.10000	0.00000	609423.33323	0.01774 0.2500
7559:	90	12	78	89	12	77	609423.35097	609423.33343	0.01754	0.10000	0.00000	609423.33323	0.01774 0.2500

7560:	90	13	78	89	12	77	609423.35097	609423.33394	0.01703	0.10000	0.00000	609423.33323	0.01774	0.2500
7561:	91	12	80	90	12	79	609442.13961	609442.14592	-0.00630	0.10000	0.00000	609442.14593	-0.00631	0.2500
7562:	91	12	80	90	11	79	609442.13961	609442.14595	-0.00633	0.10000	0.00000	609442.14593	-0.00631	0.2500
7563:	91	11	80	90	11	79	609442.13961	609442.14593	-0.00632	0.10000	0.00000	609442.14593	-0.00631	0.2500
7564:	91	11	80	90	12	79	609442.13961	609442.14590	-0.00629	0.10000	0.00000	609442.14593	-0.00631	0.2500
7565:	83	23	60	82	23	59	609501.94193	609501.85010	0.09182	0.10000	0.00000			
7566:	89	13	76	88	13	75	609513.59489	609513.53218	0.06271	0.10000	0.00000	609513.52711	0.06779	0.2500
7567:	89	14	76	88	14	75	609513.59489	609513.52203	0.07286	0.10000	0.00000	609513.52711	0.06779	0.2500
7568:	89	13	76	88	14	75	609513.59489	609513.50870	0.08619	0.10000	0.00000	609513.52711	0.06779	0.2500
7569:	89	14	76	88	13	75	609513.59489	609513.54551	0.04938	0.10000	0.00000	609513.52711	0.06779	0.2500
7570:	92	10	82	91	11	81	609538.97567	609538.94261	0.03306	0.10000	0.00000	609538.94261	0.03306	0.2500
7571:	92	10	82	91	10	81	609538.97567	609538.94261	0.03306	0.10000	0.00000	609538.94261	0.03306	0.2500
7572:	92	11	82	91	11	81	609538.97567	609538.94261	0.03306	0.10000	0.00000	609538.94261	0.03306	0.2500
7573:	92	11	82	91	10	81	609538.97567	609538.94262	0.03306	0.10000	0.00000	609538.94261	0.03306	0.2500
7574:	93	9	84	92	9	83	609692.18641	609692.44247	-0.25606	0.10000	0.00000	609692.44247	-0.25606	0.2500
7575:	93	9	84	92	10	83	609692.18641	609692.44247	-0.25606	0.10000	0.00000	609692.44247	-0.25606	0.2500
7576:	93	10	84	92	9	83	609692.18641	609692.44247	-0.25606	0.10000	0.00000	609692.44247	-0.25606	0.2500
7577:	93	10	84	92	10	83	609692.18641	609692.44247	-0.25606	0.10000	0.00000	609692.44247	-0.25606	0.2500
7578:	88	14	74	87	14	73	609760.16265	609760.23045	-0.06780	0.10000	0.00000	609760.12478	0.03787	0.2500
7579:	88	15	74	87	14	73	609760.16265	609760.52454	-0.36189	0.10000	0.00000	609760.12478	0.03787	0.2500
7580:	88	15	74	87	15	73	609760.16265	609760.01912	0.14353	0.10000	0.00000	609760.12478	0.03787	0.2500
7581:	88	14	74	87	15	73	609760.16265	609759.72503	0.43762	0.10000	0.00000	609760.12478	0.03787	0.2500
7582:	84	26	59	83	26	58	609813.84839	609813.83427	0.01412	0.10000	0.00000			
7583:	84	26	58	83	26	57	609816.39895	609816.30154	0.09741	0.10000	0.00000			
7584:	80	19	61	79	19	60	609844.08280	609844.09676	-0.01396	0.10000	0.00000			
7585:	94	8	86	93	8	85	609887.53057	609887.52090	0.00967	0.10000	0.00000	609887.52090	0.00967	0.2500
7586:	94	8	86	93	8	85	609887.53057	609887.52090	0.00967	0.10000	0.00000	609887.52090	0.00967	0.2500
7587:	94	8	86	93	9	85	609887.53057	609887.52090	0.00967	0.10000	0.00000	609887.52090	0.00967	0.2500
7588:	94	9	86	93	9	85	609887.53057	609887.52090	0.00967	0.10000	0.00000	609887.52090	0.00967	0.2500
7589:	45	21	24	44	20	25	610061.67339	610061.72777	-0.05438	0.10000	0.00000	610061.72777	-0.05438	0.5000
7590:	45	21	25	44	20	24	610061.67339	610061.72776	-0.05437	0.10000	0.00000	610061.72777	-0.05438	0.5000
7591:	95	7	88	94	8	87	610113.18002	610113.12697	0.05305	0.10000	0.00000	610113.12697	0.05305	0.2500
7592:	95	8	88	94	8	87	610113.18002	610113.12697	0.05305	0.10000	0.00000	610113.12697	0.05305	0.2500
7593:	95	7	88	94	7	87	610113.18002	610113.12697	0.05305	0.10000	0.00000	610113.12697	0.05305	0.2500
7594:	95	8	88	94	7	87	610113.18002	610113.12697	0.05305	0.10000	0.00000	610113.12697	0.05305	0.2500
7595:	87	16	72	86	16	71	610238.82540	610238.61891	0.20649	0.10000	0.00000			
7596:	87	15	72	86	15	71	610242.16253	610242.24556	-0.08303	0.10000	0.00000			
7597:	96	7	90	95	6	89	610361.03317	610361.00495	0.02821	0.10000	0.00000	610361.00495	0.02821	0.2500
7598:	96	7	90	95	7	89	610361.03317	610361.00495	0.02821	0.10000	0.00000	610361.00495	0.02821	0.2500
7599:	96	6	90	95	6	89	610361.03317	610361.00495	0.02821	0.10000	0.00000	610361.00495	0.02821	0.2500
7600:	96	6	90	95	7	89	610361.03317	610361.00495	0.02821	0.10000	0.00000	610361.00495	0.02821	0.2500
7601:	97	6	92	96	6	91	610624.87212	610624.87413	-0.00202	0.10000	0.00000	610624.87413	-0.00202	0.3333
7602:	97	6	92	96	5	91	610624.87212	610624.87413	-0.00202	0.10000	0.00000	610624.87413	-0.00202	0.3333
7603:	97	5	92	96	5	91	610624.87212	610624.87413	-0.00202	0.10000	0.00000	610624.87413	-0.00202	0.3333
7604:	43	22	21	42	21	22	610704.88325	610704.92166	-0.03842	0.10000	0.00000	610704.92166	-0.03842	0.5000
7605:	43	22	22	42	21	21	610704.88325	610704.92166	-0.03842	0.10000	0.00000	610704.92166	-0.03842	0.5000
7606:	98	5	94	97	4	93	610899.86464	610899.88340	-0.01876	0.10000	0.00000	610899.88340	-0.01876	0.2500
7607:	98	5	94	97	5	93	610899.86464	610899.88340	-0.01876	0.10000	0.00000	610899.88340	-0.01876	0.2500
7608:	98	4	94	97	5	93	610899.86464	610899.88340	-0.01876	0.10000	0.00000	610899.88340	-0.01876	0.2500

7609:	98	4	94	97	4	93	610899.86464	610899.88340	-0.01876	0.10000	0.00000	610899.88340	-0.01876	0.2500
7610:	85	31	55	84	31	54	610903.97847	610903.99554	-0.01706	0.10000	0.00000	610903.99555	-0.01707	0.5000
7611:	85	31	54	84	31	53	610903.97847	610903.99556	-0.01709	0.10000	0.00000	610903.99555	-0.01707	0.5000
7612:	86	17	70	85	17	69	611068.46124	611068.45933	0.00191	0.10000	0.00000			
7613:	86	16	70	85	16	69	611118.74889	611118.74896	-0.00008	0.10000	0.00000			
7614:	41	23	19	40	22	18	611150.74268	611150.76099	-0.01830	0.10000	0.00000	611150.76099	-0.01830	0.5000
7615:	41	23	18	40	22	19	611150.74268	611150.76099	-0.01830	0.10000	0.00000	611150.76099	-0.01830	0.5000
7616:	99	4	96	98	3	95	611182.21533	611182.23743	-0.02210	0.10000	0.00000	611182.23743	-0.02210	0.2500
7617:	99	3	96	98	4	95	611182.21533	611182.23743	-0.02210	0.10000	0.00000	611182.23743	-0.02210	0.2500
7618:	99	3	96	98	3	95	611182.21533	611182.23743	-0.02210	0.10000	0.00000	611182.23743	-0.02210	0.2500
7619:	99	4	96	98	4	95	611182.21533	611182.23743	-0.02210	0.10000	0.00000	611182.23743	-0.02210	0.2500
7620:	39	24	15	38	23	16	611469.37184	611469.87396	-0.50212	0.10000	0.00000	611469.87396	-0.50212	0.5000
7621:	39	24	16	38	23	15	611469.37184	611469.87396	-0.50212	0.10000	0.00000	611469.87396	-0.50212	0.5000
7622:	37	25	13	36	24	12	611707.67231	611707.71961	-0.04730	0.10000	0.00000	611707.71961	-0.04730	0.5000
7623:	37	25	12	36	24	13	611707.67231	611707.71961	-0.04730	0.10000	0.00000	611707.71961	-0.04730	0.5000
7624:	83	22	62	82	22	61	611712.92092	611712.76640	0.15452	0.10000	0.00000			
7625:	101	1100100	2	99			611757.55073	611757.57535	-0.02462	0.10000	0.00000	611757.57535	-0.02462	0.2500
7626:	101	2100100	1	99			611757.55073	611757.57535	-0.02462	0.10000	0.00000	611757.57535	-0.02462	0.2500
7627:	101	2100100	2	99			611757.55073	611757.57535	-0.02462	0.10000	0.00000	611757.57535	-0.02462	0.2500
7628:	101	1100100	1	99			611757.55073	611757.57535	-0.02462	0.10000	0.00000	611757.57535	-0.02462	0.2500
7629:	52	18	34	51	17	35	611770.11605	611770.16670	-0.05066	0.10000	0.00000			
7630:	84	25	60	83	25	59	611795.49651	611795.39046	0.10605	0.10000	0.00000			
7631:	84	25	59	83	25	58	611816.36213	611816.22708	0.13506	0.10000	0.00000			
7632:	35	26	10	34	25	9	611894.00789	611894.04879	-0.04091	0.10000	0.00000	611894.04879	-0.04091	0.5000
7633:	35	26	9	34	25	10	611894.00789	611894.04879	-0.04091	0.10000	0.00000	611894.04879	-0.04091	0.5000
7634:	85	30	56	84	30	55	611910.61489	611910.55726	0.05763	0.10000	0.00000	611910.55742	0.05747	0.5000
7635:	85	30	55	84	30	54	611910.61489	611910.55757	0.05732	0.10000	0.00000	611910.55742	0.05747	0.5000
7636:	102	0102101	1101				612046.09309	612046.23009	-0.13700	0.10000	0.00000	612046.23009	-0.13700	0.2500
7637:	102	1102101	1101				612046.09309	612046.23009	-0.13700	0.10000	0.00000	612046.23009	-0.13700	0.2500
7638:	102	0102101	0101				612046.09309	612046.23009	-0.13700	0.10000	0.00000	612046.23009	-0.13700	0.2500
7639:	102	1102101	0101				612046.09309	612046.23009	-0.13700	0.10000	0.00000	612046.23009	-0.13700	0.2500
7640:	33	27	6	32	26	7	612048.49536	612048.47798	0.01738	0.10000	0.00000	612048.47798	0.01738	0.5000
7641:	33	27	7	32	26	6	612048.49536	612048.47798	0.01738	0.10000	0.00000	612048.47798	0.01738	0.5000
7642:	31	28	3	30	27	4	612183.90062	612183.93048	-0.02987	0.10000	0.00000	612183.93048	-0.02987	0.5000
7643:	31	28	4	30	27	3	612183.90062	612183.93048	-0.02987	0.10000	0.00000	612183.93048	-0.02987	0.5000
7644:	83	20	64	82	20	63	612251.52176	612251.48375	0.03801	0.10000	0.00000			
7645:	29	29	0	28	28	1	612308.76943	612308.83746	-0.06803	0.10000	0.00000	612308.83746	-0.06803	0.5000
7646:	29	29	1	28	28	0	612308.76943	612308.83746	-0.06803	0.10000	0.00000	612308.83746	-0.06803	0.5000
7647:	85	18	68	84	18	67	612345.94615	612345.57037	0.07578	0.10000	0.00000			
7648:	55	17	39	54	16	38	612817.61484	612817.62924	-0.01441	0.10000	0.00000			
7649:	86	39	47	85	39	46	612869.22707	612869.23773	-0.01066	0.10000	0.00000	612869.23773	-0.01066	0.5000
7650:	86	39	48	85	39	47	612869.22707	612869.23773	-0.01066	0.10000	0.00000	612869.23773	-0.01066	0.5000
7651:	85	17	68	84	17	67	612886.96482	612887.00270	-0.03789	0.10000	0.00000			
7652:	85	29	56	84	29	55	613045.99743	613045.92398	0.07345	0.10000	0.00000	613045.92202	0.07541	0.5000
7653:	85	29	57	84	29	56	613045.99743	613045.92006	0.07737	0.10000	0.00000	613045.92202	0.07541	0.5000
7654:	83	18	65	82	18	64	613189.79043	613189.78690	0.00354	0.10000	0.00000			
7655:	83	21	63	82	21	62	613442.29991	613442.12295	0.17695	0.10000	0.00000			
7656:	84	19	66	83	19	65	613546.75190	613546.68199	0.06991	0.10000	0.00000			
7657:	86	37	50	85	37	49	613914.80296	613915.11025	-0.30729	0.10000	0.00000	613915.11025	-0.30729	0.5000

7658:	86	37	49	85	37	48	613914.80296	613915.11025	-0.30729	0.10000	0.00000	613915.11025	-0.30729	0.5000
7659:	84	24	61	83	24	60	614186.36385	614186.14822	0.21563	0.10000	0.00000			
7660:	50	19	32	49	18	31	614294.36813	614294.18302	0.18511	0.10000	0.00000	614294.35461	0.01352	0.5000
7661:	50	19	31	49	18	32	614294.36813	614294.52620	-0.15807	0.10000	0.00000	614294.35461	0.01352	0.5000
7662:	82	21	61	81	21	60	614348.23920	614348.27447	-0.03527	0.10000	0.00000			
7663:	81	20	61	80	20	60	614776.03000	614776.09873	-0.06873	0.10000	0.00000			
7664:	83	22	61	82	22	60	614869.42900	614869.36473	0.06427	0.10000	0.00000			
7665:	86	35	51	85	35	50	615139.69626	615139.83859	-0.14233	0.10000	0.00000	615139.83859	-0.14233	0.5000
7666:	86	35	52	85	35	51	615139.69626	615139.83859	-0.14233	0.10000	0.00000			
7667:	91	12	79	90	13	78	615328.77658	615328.63577	0.14081	0.10000	0.00000	615328.63617	0.14042	0.2500
7668:	91	13	79	90	13	78	615328.77658	615328.63605	0.14053	0.10000	0.00000	615328.63617	0.14042	0.2500
7669:	91	12	79	90	12	78	615328.77658	615328.63628	0.14031	0.10000	0.00000	615328.63617	0.14042	0.2500
7670:	91	13	79	90	12	78	615328.77658	615328.63656	0.14003	0.10000	0.00000	615328.63617	0.14042	0.2500
7671:	92	12	81	91	11	80	615358.32607	615358.30878	0.01729	0.10000	0.00000	615358.30877	0.01730	0.2500
7672:	92	12	81	91	12	80	615358.32607	615358.30877	0.01730	0.10000	0.00000	615358.30877	0.01730	0.2500
7673:	92	11	81	91	12	80	615358.32607	615358.30876	0.01731	0.10000	0.00000	615358.30877	0.01730	0.2500
7674:	92	11	81	91	11	80	615358.32607	615358.30877	0.01730	0.10000	0.00000	615358.30877	0.01730	0.2500
7675:	90	13	77	89	14	76	615402.84738	615402.44359	0.40379	0.10000	0.00000	615402.45403	0.39336	0.2500
7676:	90	14	77	89	14	76	615402.84738	615402.45113	0.39625	0.10000	0.00000	615402.45403	0.39336	0.2500
7677:	90	13	77	89	13	76	615402.84738	615402.45692	0.39046	0.10000	0.00000	615402.45403	0.39336	0.2500
7678:	90	14	77	89	13	76	615402.84738	615402.46446	0.38292	0.10000	0.00000	615402.45403	0.39336	0.2500
7679:	93	11	83	92	10	82	615462.52290	615462.43339	0.08952	0.10000	0.00000	615462.43338	0.08952	0.2500
7680:	93	11	83	92	11	82	615462.52290	615462.43338	0.08952	0.10000	0.00000	615462.43338	0.08952	0.2500
7681:	93	10	83	92	10	82	615462.52290	615462.43339	0.08952	0.10000	0.00000	615462.43338	0.08952	0.2500
7682:	93	10	83	92	11	82	615462.52290	615462.43338	0.08952	0.10000	0.00000	615462.43338	0.08952	0.2500
7683:	94	10	85	93	9	84	615621.13195	615620.92494	0.20701	0.10000	0.00000	615620.92494	0.20701	0.2500
7684:	94	10	85	93	10	84	615621.13195	615620.92494	0.20701	0.10000	0.00000	615620.92494	0.20701	0.2500
7685:	94	9	85	93	9	84	615621.13195	615620.92494	0.20701	0.10000	0.00000	615620.92494	0.20701	0.2500
7686:	94	9	85	93	10	84	615621.13195	615620.92494	0.20701	0.10000	0.00000	615620.92494	0.20701	0.2500
7687:	89	14	75	88	15	74	615623.80630	615623.41738	0.38893	0.10000	0.00000	615623.64966	0.15664	0.2500
7688:	89	15	75	88	15	74	615623.80630	615623.58785	0.21845	0.10000	0.00000	615623.64966	0.15664	0.2500
7689:	89	14	75	88	14	74	615623.80630	615623.71147	0.09483	0.10000	0.00000	615623.64966	0.15664	0.2500
7690:	89	15	75	88	14	74	615623.80630	615623.88194	-0.07564	0.10000	0.00000	615623.64966	0.15664	0.2500
7691:	95	9	87	94	8	86	615819.46283	615819.41437	0.04845	0.10000	0.00000	615819.41437	0.04845	0.2500
7692:	95	9	87	94	9	86	615819.46283	615819.41437	0.04845	0.10000	0.00000	615819.41437	0.04845	0.2500
7693:	95	8	87	94	8	86	615819.46283	615819.41437	0.04845	0.10000	0.00000	615819.41437	0.04845	0.2500
7694:	95	8	87	94	9	86	615819.46283	615819.41437	0.04845	0.10000	0.00000	615819.41437	0.04845	0.2500
7695:	48	20	29	47	19	28	615893.07175	615893.11833	-0.04657	0.10000	0.00000	615893.12050	-0.04875	0.5000
7696:	48	20	28	47	19	29	615893.07175	615893.12267	-0.05092	0.10000	0.00000	615893.12050	-0.04875	0.5000
7697:	96	8	89	95	8	88	616047.40505	616047.34564	0.05941	0.10000	0.00000	616047.34564	0.05941	0.3333
7698:	96	7	89	95	7	88	616047.40505	616047.34564	0.05941	0.10000	0.00000	616047.34564	0.05941	0.3333
7699:	96	7	89	95	8	88	616047.40505	616047.34564	0.05941	0.10000	0.00000	616047.34564	0.05941	0.3333
7700:	88	16	73	87	16	72	616061.46964	616061.63535	-0.16571	0.10000	0.00000			
7701:	88	15	73	87	15	72	616064.06980	616063.82156	0.24824	0.10000	0.00000			
7702:	97	6	91	96	6	90	616296.79012	616296.79627	-0.00615	0.10000	0.00000	616296.79627	-0.00615	0.2500
7703:	97	6	91	96	7	90	616296.79012	616296.79627	-0.00615	0.10000	0.00000	616296.79627	-0.00615	0.2500
7704:	97	7	91	96	6	90	616296.79012	616296.79627	-0.00615	0.10000	0.00000	616296.79627	-0.00615	0.2500
7705:	97	7	91	96	7	90	616296.79012	616296.79627	-0.00615	0.10000	0.00000	616296.79627	-0.00615	0.2500
7706:	81	19	62	80	19	61	616473.07397	616472.81985	0.25412	0.10000	0.00000			

7707:	98	6	93	97	5	92	616561.74402	616561.71491	0.02911	0.10000	0.00000	616561.71491	0.02911	0.2500
7708:	98	6	93	97	6	92	616561.74402	616561.71491	0.02911	0.10000	0.00000	616561.71491	0.02911	0.2500
7709:	98	5	93	97	5	92	616561.74402	616561.71491	0.02911	0.10000	0.00000	616561.71491	0.02911	0.2500
7710:	98	5	93	97	6	92	616561.74402	616561.71491	0.02911	0.10000	0.00000	616561.71491	0.02911	0.2500
7711:	86	33	53	85	33	52	616600.42707	616600.40600	0.02107	0.10000	0.00000	616600.40600	0.02107	0.5000
7712:	86	33	54	85	33	53	616600.42707	616600.40600	0.02107	0.10000	0.00000	616600.40600	0.02107	0.5000
7713:	87	17	71	86	17	70	616827.99593	616827.95075	0.04518	0.10000	0.00000	616827.95075	0.04518	0.5000
7714:	99	4	95	98	5	94	616837.40717	616837.41090	-0.00373	0.10000	0.00000	616837.41090	-0.00373	0.2500
7715:	99	4	95	98	4	94	616837.40717	616837.41090	-0.00373	0.10000	0.00000	616837.41090	-0.00373	0.2500
7716:	99	5	95	98	5	94	616837.40717	616837.41090	-0.00373	0.10000	0.00000	616837.41090	-0.00373	0.2500
7717:	99	5	95	98	4	94	616837.40717	616837.41090	-0.00373	0.10000	0.00000	616837.41090	-0.00373	0.2500
7718:	87	16	71	86	16	70	616859.42808	616859.38681	0.04127	0.10000	0.00000	616859.38681	0.04127	0.5000
7719:	46	21	26	45	20	25	616940.60589	616940.68329	-0.07740	0.10000	0.00000	616940.68329	-0.07740	0.5000
7720:	46	21	25	45	20	26	616940.60589	616940.68332	-0.07744	0.10000	0.00000	616940.68330	-0.07742	0.5000
7721:	84	23	62	83	23	61	616989.30190	616989.27033	0.03157	0.10000	0.00000	616989.27033	0.03157	0.5000
7722:	62	15	48	62	11	51	617120.20056	617120.01123	0.18933	0.10000	0.00000	617120.01123	0.18933	0.5000
7723:	101	3	99	100	3	98	617407.31699	617407.16893	0.14806	0.10000	0.00000	617407.16893	0.14806	0.3333
7724:	101	2	99	100	3	98	617407.31699	617407.16893	0.14806	0.10000	0.00000	617407.16893	0.14806	0.3333
7725:	101	2	99	100	3	98	617407.31699	617407.16893	0.14806	0.10000	0.00000	617407.16893	0.14806	0.3333
7726:	85	26	60	84	26	59	617588.05331	617588.01945	0.03387	0.10000	0.00000	617588.01945	0.03387	0.5000
7727:	85	26	59	84	26	58	617592.33562	617592.32086	0.01476	0.10000	0.00000	617592.32086	0.01476	0.5000
7728:	84	18	66	83	18	65	617618.33930	617618.30186	0.03744	0.10000	0.00000	617618.30186	0.03744	0.5000
7729:	44	22	23	43	21	23	617646.24068	617646.34519	-0.10450	0.10000	0.00000	617646.34519	-0.10450	0.5000
7730:	44	22	23	43	21	22	617646.24068	617646.34519	-0.10450	0.10000	0.00000	617646.34519	-0.10450	0.5000
7731:	102	210	101	210	101	2100	617696.03525	617695.97050	0.06474	0.10000	0.00000	617695.97050	0.06474	0.3333
7732:	102	110	101	210	101	2100	617696.03525	617695.97050	0.06474	0.10000	0.00000	617695.97050	0.06474	0.3333
7733:	102	110	101	1100	1100	1100	617696.03525	617695.97050	0.06474	0.10000	0.00000	617695.97050	0.06474	0.3333
7734:	84	23	61	83	23	60	617929.71932	617929.65093	0.06839	0.10000	0.00000	617929.65093	0.06839	0.5000
7735:	103	0103	102	0102	0102	0102	617984.71515	617984.71783	-0.00269	0.10000	0.00000	617984.71783	-0.00269	0.2500
7736:	103	1103	102	1102	1102	1102	617984.71515	617984.71783	-0.00269	0.10000	0.00000	617984.71783	-0.00269	0.2500
7737:	103	1103	102	0102	0102	0102	617984.71515	617984.71783	-0.00269	0.10000	0.00000	617984.71783	-0.00269	0.2500
7738:	103	0103	102	1102	1102	1102	617984.71515	617984.71783	-0.00269	0.10000	0.00000	617984.71783	-0.00269	0.2500
7739:	53	18	35	52	17	36	618108.99597	618109.05850	-0.06253	0.10000	0.00000	618109.05850	-0.06253	0.5000
7740:	42	23	20	41	22	19	618134.21464	618134.21773	-0.00309	0.10000	0.00000	618134.21773	-0.00309	0.5000
7741:	42	23	19	41	22	20	618134.21464	618134.21773	-0.00309	0.10000	0.00000	618134.21773	-0.00309	0.5000
7742:	86	31	55	85	31	54	618381.55236	618381.59159	-0.03924	0.10000	0.00000	618381.59157	-0.03921	0.5000
7743:	86	31	56	85	31	55	618381.55236	618381.59155	-0.03919	0.10000	0.00000	618381.59157	-0.03921	0.5000
7744:	40	24	16	39	23	17	618481.62769	618481.66218	-0.03449	0.10000	0.00000	618481.66218	-0.03449	0.5000
7745:	40	24	17	39	23	16	618481.62769	618481.66218	-0.03449	0.10000	0.00000	618481.66218	-0.03449	0.5000
7746:	38	25	13	37	24	14	618738.40320	618738.43405	-0.03085	0.10000	0.00000	618738.43405	-0.03085	0.5000
7747:	38	25	14	37	24	13	618738.40320	618738.43405	-0.03085	0.10000	0.00000	618738.43405	-0.03085	0.5000
7748:	84	20	65	83	20	64	618867.56178	618867.53121	0.03057	0.10000	0.00000	618867.53121	0.03057	0.5000
7749:	36	26	10	35	25	11	618937.10224	618937.14555	-0.04332	0.10000	0.00000	618937.14555	-0.04332	0.5000
7750:	36	26	11	35	25	10	618937.10224	618937.14555	-0.04332	0.10000	0.00000	618937.14555	-0.04332	0.5000
7751:	34	27	8	33	26	7	619099.39516	619099.37800	0.01715	0.10000	0.00000	619099.37800	0.01715	0.5000
7752:	34	27	7	33	26	8	619099.39516	619099.37800	0.01715	0.10000	0.00000	619099.37800	0.01715	0.5000
7753:	32	28	4	31	27	5	619239.39886	619239.43389	-0.03502	0.10000	0.00000	619239.43389	-0.03502	0.5000
7754:	32	28	5	31	27	4	619239.39886	619239.43389	-0.03502	0.10000	0.00000	619239.43389	-0.03502	0.5000
7755:	30	29	2	29	28	1	619366.66001	619366.72748	-0.06746	0.10000	0.00000	619366.72748	-0.06746	0.5000

7756:	30	29	1	29	28	2	619366.66001	619366.72748	-0.06746	0.10000	0.00000	619366.72748	-0.06746	0.5000
7757:	85	19	67	84	19	66	619395.45762	619395.20502	0.25260	0.10000	0.00000			
7758:	86	30	56	85	30	55	619431.16674	619431.45437	-0.28763	0.10000	0.00000	619431.45406	-0.28732	0.5000
7759:	86	30	57	85	30	56	619431.16674	619431.45376	-0.28702	0.10000	0.00000	619431.45406	-0.28732	0.5000
7760:	85	25	61	84	25	60	619683.71745	619683.65367	0.06378	0.10000	0.00000			
7761:	85	25	60	84	25	59	619718.70976	619718.60796	0.10180	0.10000	0.00000			
7762:	86	29	57	85	29	56	620617.91597	620617.81195	0.10402	0.10000	0.00000	620617.80821	0.10777	0.5000
7763:	86	29	58	85	29	57	620617.91597	620617.80446	0.11151	0.10000	0.00000	620617.80821	0.10777	0.5000
7764:	51	19	33	50	18	32	620891.52470	620891.20721	0.31749	0.10000	0.00000	620891.56039	-0.03570	0.5000
7765:	51	19	32	50	18	33	620891.52470	620891.91358	-0.38888	0.10000	0.00000	620891.56039	-0.03570	0.5000
7766:	84	21	64	83	21	63	620924.47443	620924.44353	0.03089	0.10000	0.00000			
7767:	87	37	51	86	37	50	621230.95794	621231.03112	-0.07318	0.10000	0.00000	621231.03112	-0.07318	0.5000
7768:	87	37	50	86	37	49	621230.95794	621231.03112	-0.07318	0.10000	0.00000	621231.03112	-0.07318	0.5000
7769:	92	12	80	91	13	79	621234.36887	621234.45163	-0.08276	0.10000	0.00000	621234.45185	-0.08298	0.2500
7770:	92	12	80	91	12	79	621234.36887	621234.45191	-0.08304	0.10000	0.00000	621234.45185	-0.08298	0.2500
7771:	92	13	80	91	12	79	621234.36887	621234.45207	-0.08320	0.10000	0.00000	621234.45185	-0.08298	0.2500
7772:	92	13	80	91	13	79	621234.36887	621234.45179	-0.08292	0.10000	0.00000	621234.45185	-0.08298	0.2500
7773:	93	11	82	92	12	81	621274.41219	621274.39626	0.01592	0.10000	0.00000	621274.39627	0.01592	0.2500
7774:	93	12	82	92	12	81	621274.41219	621274.39627	0.01592	0.10000	0.00000	621274.39627	0.01592	0.2500
7775:	93	12	82	92	11	81	621274.41219	621274.39628	0.01591	0.10000	0.00000	621274.39627	0.01592	0.2500
7776:	93	11	82	92	11	81	621274.41219	621274.39627	0.01592	0.10000	0.00000	621274.39627	0.01592	0.2500
7777:	91	13	78	90	13	77	621292.94512	621292.88704	0.05808	0.10000	0.00000	621292.88540	0.05972	0.2500
7778:	91	13	78	90	14	77	621292.94512	621292.87950	0.06562	0.10000	0.00000	621292.88540	0.05972	0.2500
7779:	91	14	78	90	14	77	621292.94512	621292.88375	0.06137	0.10000	0.00000	621292.88540	0.05972	0.2500
7780:	91	14	78	90	13	77	621292.94512	621292.89129	0.05383	0.10000	0.00000	621292.88540	0.05972	0.2500
7781:	94	10	84	93	11	83	621385.51493	621385.49003	0.02490	0.10000	0.00000	621385.49003	0.02490	0.2500
7782:	94	11	84	93	11	83	621385.51493	621385.49003	0.02490	0.10000	0.00000	621385.49003	0.02490	0.2500
7783:	94	10	84	93	10	83	621385.51493	621385.49003	0.02490	0.10000	0.00000	621385.49003	0.02490	0.2500
7784:	94	11	84	93	10	83	621385.51493	621385.49003	0.02489	0.10000	0.00000	621385.49003	0.02490	0.2500
7785:	90	15	76	89	14	75	621490.45223	621490.56409	-0.11186	0.10000	0.00000	621490.44162	0.01060	0.3333
7786:	90	14	76	89	14	75	621490.45223	621490.46563	-0.01340	0.10000	0.00000	621490.44162	0.01060	0.3333
7787:	90	14	76	89	15	75	621490.45223	621490.29516	0.15707	0.10000	0.00000	621490.44162	0.01060	0.3333
7788:	95	10	86	94	9	85	621548.63791	621548.75094	-0.11303	0.10000	0.00000	621548.75094	-0.11303	0.3333
7789:	95	10	86	94	10	85	621548.63791	621548.75094	-0.11303	0.10000	0.00000	621548.75094	-0.11303	0.3333
7790:	95	9	86	94	9	85	621548.63791	621548.75094	-0.11303	0.10000	0.00000	621548.75094	-0.11303	0.3333
7791:	96	8	88	95	9	87	621750.60362	621750.51289	0.09074	0.10000	0.00000	621750.51289	0.09074	0.3333
7792:	96	8	88	95	9	87	621750.60362	621750.51289	0.09074	0.10000	0.00000	621750.51289	0.09074	0.3333
7793:	96	8	88	95	8	87	621750.60362	621750.51289	0.09074	0.10000	0.00000	621750.51289	0.09074	0.3333
7794:	87	36	52	86	36	51	621839.22674	621839.43241	-0.20567	0.10000	0.00000			
7795:	86	28	59	85	28	58	621973.14117	621973.18827	-0.04710	0.10000	0.00000	621973.22993	-0.08876	0.5000
7796:	86	28	58	85	28	57	621973.14117	621973.27159	-0.13042	0.10000	0.00000	621973.22993	-0.08876	0.5000
7797:	97	7	90	96	8	89	621980.68933	621980.68348	0.00586	0.10000	0.00000	621980.68348	0.00586	0.3333
7798:	97	8	90	96	8	89	621980.68933	621980.68348	0.00586	0.10000	0.00000	621980.68348	0.00586	0.3333
7799:	97	8	90	96	7	89	621980.68933	621980.68348	0.00586	0.10000	0.00000	621980.68348	0.00586	0.3333
7800:	85	24	62	84	24	61	622208.67738	622208.54532	0.13205	0.10000	0.00000			
7801:	82	19	63	81	19	62	622214.53569	622214.43199	0.10370	0.10000	0.00000			
7802:	98	7	92	97	7	91	622231.66264	622231.65436	0.00827	0.10000	0.00000	622231.65436	0.00827	0.3333
7803:	98	6	92	97	7	91	622231.66264	622231.65436	0.00827	0.10000	0.00000	622231.65436	0.00827	0.3333
7804:	98	7	92	97	6	91	622231.66264	622231.65436	0.00827	0.10000	0.00000	622231.65436	0.00827	0.3333

7805:	85	18	67	84	18	66	622289.99549	622290.09557	-0.10008	0.10000	0.00000	0.03518	0.3333
7806:	85	24	61	84	24	60	622453.81122	622453.72387	0.08735	0.10000	0.00000	0.03518	0.3333
7807:	99	6	94	98	6	93	622497.62660	622497.59142	0.03518	0.10000	0.00000	0.03518	0.3333
7808:	99	5	94	98	5	93	622497.62660	622497.59142	0.03518	0.10000	0.00000	0.03518	0.3333
7809:	99	6	94	98	5	93	622497.62660	622497.59142	0.03518	0.10000	0.00000	0.03518	0.3333
7810:	87	35	53	86	35	52	622501.09841	622501.01492	0.08349	0.10000	0.00000	0.08349	0.5000
7811:	87	35	52	86	35	51	622501.09841	622501.01492	0.08349	0.10000	0.00000	0.08349	0.5000
7812:	88	17	72	87	17	71	622597.81676	622597.71957	0.09719	0.10000	0.00000		
7813:	88	16	72	87	16	71	622617.29191	622617.24019	0.05172	0.10000	0.00000		
7814:	49	20	29	48	19	30	622649.99058	622650.14237	-0.15179	0.10000	0.00000		
7815:	100	4	96	99	5	95	622773.95260	622773.95663	-0.00403	0.10000	0.00000	-0.00403	0.5000
7816:	100	5	96	99	5	95	622773.95260	622773.95663	-0.00403	0.10000	0.00000	-0.00403	0.5000
7817:	87	34	53	86	34	52	623223.99493	623223.89806	0.09687	0.10000	0.00000		
7818:	102	3100101	3	99			623344.39665	623344.40902	-0.01237	0.10000	0.00000	-0.01237	0.2500
7819:	102	2100101	3	99			623344.39665	623344.40902	-0.01237	0.10000	0.00000	-0.01237	0.2500
7820:	102	3100101	2	99			623344.39665	623344.40902	-0.01237	0.10000	0.00000	-0.01237	0.2500
7821:	102	2100101	2	99			623344.39665	623344.40902	-0.01237	0.10000	0.00000	-0.01237	0.2500
7822:	103	2102102	1101				623633.34625	623633.36963	-0.02337	0.10000	0.00000	-0.02337	0.2500
7823:	103	1102102	1101				623633.34625	623633.36963	-0.02337	0.10000	0.00000	-0.02337	0.2500
7824:	103	1102102	2101				623633.34625	623633.36963	-0.02337	0.10000	0.00000	-0.02337	0.2500
7825:	103	2102102	2101				623633.34625	623633.36963	-0.02337	0.10000	0.00000	-0.02337	0.2500
7826:	87	18	70	86	18	69	623741.80872	623741.70029	0.10843	0.10000	0.00000		
7827:	47	21	26	46	20	27	623800.19498	623800.18609	0.00889	0.10000	0.00000		
7828:	104	1104103	0103				623922.20358	623922.20968	-0.00610	0.10000	0.00000	-0.00610	0.2500
7829:	104	0104103	1103				623922.20358	623922.20968	-0.00610	0.10000	0.00000	-0.00610	0.2500
7830:	104	0104103	0103				623922.20358	623922.20968	-0.00610	0.10000	0.00000	-0.00610	0.2500
7831:	104	1104103	1103				623922.20358	623922.20968	-0.00610	0.10000	0.00000	-0.00610	0.2500
7832:	87	17	70	86	17	69	623972.20504	623972.24532	-0.04027	0.10000	0.00000		
7833:	87	33	55	86	33	54	624017.87172	624017.98485	-0.11313	0.10000	0.00000		
7834:	82	20	62	81	20	61	624103.54142	624103.44219	0.09922	0.10000	0.00000		
7835:	84	22	62	83	22	61	624249.59181	624249.68688	-0.09507	0.10000	0.00000		
7836:	54	18	37	53	17	36	624319.07738	624319.08853	-0.01115	0.10000	0.00000		
7837:	54	18	36	53	17	37	624380.11372	624380.12808	-0.01435	0.10000	0.00000		
7838:	83	21	62	82	21	61	624564.39111	624564.34236	0.04875	0.10000	0.00000		
7839:	45	22	24	44	21	23	624573.87521	624573.85780	0.01741	0.10000	0.00000		
7840:	87	32	56	86	32	55	624895.66412	624895.52723	0.13689	0.10000	0.00000		
7841:	85	23	63	84	23	62	625099.20385	625098.76948	0.43437	0.10000	0.00000		
7842:	43	23	21	42	22	20	625107.58453	625107.61691	-0.03238	0.10000	0.00000		
7843:	86	19	68	85	19	67	625172.24087	625172.29167	-0.05080	0.10000	0.00000		
7844:	85	20	66	84	20	65	625283.10547	625283.11435	-0.00889	0.10000	0.00000		
7845:	86	26	61	85	26	60	625392.11474	625391.98734	0.12740	0.10000	0.00000		
7846:	86	26	60	85	26	59	625399.42906	625399.40415	0.02491	0.10000	0.00000		
7847:	41	24	18	40	23	17	625486.12038	625486.15852	-0.03814	0.10000	0.00000		
7848:	39	25	15	38	24	14	625763.83158	625763.88141	-0.04984	0.10000	0.00000		
7849:	87	31	56	86	31	55	625871.98352	625871.94213	0.04139	0.10000	0.00000		
7850:	37	26	12	36	25	11	625976.47381	625976.47444	-0.00062	0.10000	0.00000		
7851:	35	27	9	34	26	8	626147.60264	626147.62520	-0.02257	0.10000	0.00000		
7852:	33	28	6	32	27	5	626293.10634	626293.11259	-0.00624	0.10000	0.00000		
7853:	31	29	3	30	28	2	626423.33619	626423.40320	-0.06701	0.10000	0.00000		

7854:	85	23	62	84	23	61	626529.16063	626529.04939	0.11124	0.10000	0.00000	626967.02975	0.11197	0.5000
7855:	87	30	58	86	30	57	626967.14172	626967.02916	0.11257	0.10000	0.00000	626967.02975	0.11197	0.5000
7856:	87	30	57	86	30	56	626967.14172	626967.03035	0.11138	0.10000	0.00000	627140.66868	-0.04345	0.2500
7857:	93	12	81	92	12	80	627140.62523	627140.66871	-0.04349	0.10000	0.00000	627140.66868	-0.04345	0.2500
7858:	93	13	81	92	12	80	627140.62523	627140.66880	-0.04357	0.10000	0.00000	627140.66868	-0.04345	0.2500
7859:	93	12	81	92	13	80	627140.62523	627140.66856	-0.04333	0.10000	0.00000	627140.66868	-0.04345	0.2500
7860:	93	13	81	92	13	80	627140.62523	627140.66864	-0.04342	0.10000	0.00000	627140.66868	-0.04345	0.2500
7861:	83	19	64	82	19	63	627184.83077	627185.17013	-0.03936	0.10000	0.00000	627184.73530	0.09546	0.2000
7862:	92	14	79	91	14	78	627184.83077	627184.62567	0.20510	0.10000	0.00000	627184.73530	0.09546	0.2000
7863:	92	13	79	91	13	78	627184.83077	627184.62753	0.20324	0.10000	0.00000	627184.73530	0.09546	0.2000
7864:	92	14	79	91	13	78	627184.83077	627184.62992	0.20084	0.10000	0.00000	627184.73530	0.09546	0.2000
7865:	92	13	79	91	14	78	627184.83077	627184.62328	0.20749	0.10000	0.00000	627184.73530	0.09546	0.2000
7866:	94	12	83	93	11	82	627190.05770	627190.34100	-0.28330	0.10000	0.00000	627190.34100	-0.28329	0.2500
7867:	94	11	83	93	11	82	627190.05770	627190.34100	-0.28330	0.10000	0.00000	627190.34100	-0.28329	0.2500
7868:	94	12	83	93	12	82	627190.05770	627190.34100	-0.28329	0.10000	0.00000	627190.34100	-0.28329	0.2500
7869:	94	11	83	93	12	82	627190.05770	627190.34099	-0.28329	0.10000	0.00000	627190.34100	-0.28329	0.2500
7870:	95	11	85	94	11	84	627308.06859	627308.06973	-0.00114	0.10000	0.00000	627308.06973	-0.00114	0.3333
7871:	95	10	85	94	10	84	627308.06859	627308.06973	-0.00114	0.10000	0.00000	627308.06973	-0.00114	0.3333
7872:	95	11	85	94	10	84	627308.06859	627308.06973	-0.00114	0.10000	0.00000	627308.06973	-0.00114	0.3333
7873:	91	14	77	90	15	76	627360.10812	627360.02550	0.08262	0.10000	0.00000	627360.10306	0.00506	0.2500
7874:	91	14	77	90	14	76	627360.10812	627360.12396	-0.01584	0.10000	0.00000	627360.10306	0.00506	0.2500
7875:	91	15	77	90	14	76	627360.10812	627360.18062	-0.07250	0.10000	0.00000	627360.10306	0.00506	0.2500
7876:	91	15	77	90	15	76	627360.10812	627360.08216	0.02595	0.10000	0.00000	627360.10306	0.00506	0.2500
7877:	96	9	87	95	10	86	627475.91945	627475.89174	0.02771	0.10000	0.00000	627475.89174	0.02771	0.3333
7878:	96	10	87	95	10	86	627475.91945	627475.89174	0.02771	0.10000	0.00000	627475.89174	0.02771	0.3333
7879:	96	9	87	95	9	86	627475.91945	627475.89174	0.02771	0.10000	0.00000	627475.89174	0.02771	0.3333
7880:	85	22	64	84	22	63	627661.09675	627661.06132	0.03543	0.10000	0.00000	627680.79589	-0.21434	0.5000
7881:	86	25	61	85	25	60	627666.67077	627666.52542	0.14535	0.10000	0.00000	627680.79589	-0.21434	0.5000
7882:	97	9	89	96	9	88	627680.58154	627680.79589	-0.21434	0.10000	0.00000	627913.12472	0.03570	0.5000
7883:	97	8	89	96	9	88	627680.58154	627680.79589	-0.21434	0.10000	0.00000	627913.12472	0.03570	0.5000
7884:	98	8	91	97	8	90	627913.16043	627913.12472	0.03570	0.10000	0.00000	627913.12472	0.03570	0.5000
7885:	98	7	91	97	8	90	627913.16043	627913.12472	0.03570	0.10000	0.00000	628165.56624	0.00842	0.5000
7886:	99	7	93	98	7	92	628165.57466	628165.56624	0.00842	0.10000	0.00000	628165.56624	0.00842	0.5000
7887:	99	6	93	98	7	92	628165.57466	628165.56624	0.00842	0.10000	0.00000	628165.56624	0.00842	0.5000
7888:	87	29	58	86	29	57	628206.82840	628206.87642	-0.04801	0.10000	0.00000			
7889:	85	21	65	84	21	64	628213.01541	628212.94187	0.07354	0.10000	0.00000			
7890:	89	16	73	88	16	72	628389.33173	628389.31663	0.01510	0.10000	0.00000			
7891:	100	5	95	99	6	94	628432.46805	628432.49224	-0.02419	0.10000	0.00000	628432.49224	-0.02419	0.2500
7892:	100	6	95	99	6	94	628432.46805	628432.49224	-0.02419	0.10000	0.00000	628432.49224	-0.02419	0.2500
7893:	100	5	95	99	5	94	628432.46805	628432.49224	-0.02419	0.10000	0.00000	628432.49224	-0.02419	0.2500
7894:	100	6	95	99	5	94	628432.46805	628432.49224	-0.02419	0.10000	0.00000	628432.49224	-0.02419	0.2500
7895:	101	4	97	100	4	96	628709.49737	628709.51003	-0.01266	0.10000	0.00000	628709.51003	-0.01266	0.2500
7896:	101	5	97	100	5	96	628709.49737	628709.51003	-0.01266	0.10000	0.00000	628709.51003	-0.01266	0.2500
7897:	101	4	97	100	5	96	628709.49737	628709.51003	-0.01266	0.10000	0.00000	628709.51003	-0.01266	0.2500
7898:	101	5	97	100	4	96	628709.49737	628709.51003	-0.01266	0.10000	0.00000	628709.51003	-0.01266	0.2500
7899:	102	3	99	101	4	98	628993.08261	628993.15026	-0.06765	0.10000	0.00000	628993.15026	-0.06765	0.2500
7900:	102	4	99	101	3	98	628993.08261	628993.15026	-0.06765	0.10000	0.00000	628993.15026	-0.06765	0.2500
7901:	102	4	99	101	4	98	628993.08261	628993.15026	-0.06765	0.10000	0.00000	628993.15026	-0.06765	0.2500
7902:	102	3	99	101	3	98	628993.08261	628993.15026	-0.06765	0.10000	0.00000	628993.15026	-0.06765	0.2500

7903:	103	3101102	2100	629280.65919	629280.64437	0.01482	0.10000	0.00000	629280.64437	0.01482	0.2500
7904:	103	2101102	2100	629280.65919	629280.64437	0.01482	0.10000	0.00000	629280.64437	0.01482	0.2500
7905:	103	3101102	3100	629280.65919	629280.64437	0.01482	0.10000	0.00000	629280.64437	0.01482	0.2500
7906:	103	2101102	3100	629280.65919	629280.64437	0.01482	0.10000	0.00000	629280.64437	0.01482	0.2500
7907:	50	20	30	49	19	31	629377.10055	629377.22536	-0.12481	0.00000	0.5000
7908:	50	20	31	49	19	30	629377.10055	629377.20367	-0.10312	0.00000	0.5000
7909:	88	18	71	87	18	70	629447.50902	629447.51739	-0.00837	0.00000	0.5000
7910:	88	17	71	87	17	70	629595.93344	629595.89080	0.04264	0.00000	
7911:	87	28	60	86	28	59	629626.98259	629626.84369	0.13889	0.00000	
7912:	105	0105104	0104	629858.64774	629858.69584	-0.04811	0.10000	0.00000	629858.69584	-0.04811	0.2500
7913:	105	0105104	1104	629858.64774	629858.69584	-0.04811	0.10000	0.00000	629858.69584	-0.04811	0.2500
7914:	105	1105104	0104	629858.64774	629858.69584	-0.04811	0.10000	0.00000	629858.69584	-0.04811	0.2500
7915:	105	1105104	1104	629858.64774	629858.69584	-0.04811	0.10000	0.00000	629858.69584	-0.04811	0.2500
7916:	88	35	54	87	35	53	629870.38543	629870.45613	-0.07070	0.00000	
7917:	86	24	63	85	24	62	630267.19317	630267.15974	0.03343	0.00000	
7918:	48	21	27	47	20	28	630638.77929	630638.81859	-0.03930	0.00000	
7919:	86	24	62	85	24	61	630655.86351	630655.76147	0.10205	0.00000	
7920:	87	19	69	86	19	68	630900.05203	630900.00031	0.05173	0.00000	
7921:	59	17	43	58	16	42	631270.69083	631270.85851	-0.16768	0.00000	
7922:	88	33	56	87	33	55	631445.84375	631445.81957	0.02418	0.00000	
7923:	46	22	25	45	21	24	631486.42122	631486.44188	-0.02066	0.00000	
7924:	86	20	67	85	20	66	631517.12097	631517.16388	-0.04291	0.00000	
7925:	84	19	65	83	19	64	631582.39856	631582.28269	0.11586	0.00000	
7926:	44	23	22	43	22	21	632070.16429	632070.19556	-0.03127	0.00000	
7927:	87	18	69	86	18	68	632281.80268	632281.89423	-0.09155	0.00000	
7928:	88	32	57	87	32	56	632358.63403	632358.55663	0.07740	0.00000	
7929:	42	24	19	41	23	18	632482.74480	632482.77462	-0.02983	0.00000	
7930:	83	20	63	82	20	62	632685.24928	632685.11930	0.12998	0.00000	
7931:	40	25	16	39	24	15	632783.57875	632783.59989	-0.02114	0.00000	
7932:	38	26	13	37	25	12	633011.61938	633011.66922	-0.04983	0.00000	0.5000
7933:	38	26	12	37	25	13	633011.61938	633011.66922	-0.04983	0.00000	-0.04983 0.5000
7934:	94	13	82	93	13	81	633047.15816	633047.18367	-0.02550	0.00000	-0.02555 0.5000
7935:	94	13	82	93	12	81	633047.15816	633047.18375	-0.02559	0.00000	-0.02555 0.5000
7936:	93	14	80	92	14	79	633077.40669	633077.49991	-0.09323	0.00000	-0.09442 0.5000
7937:	93	14	80	92	13	79	633077.40669	633077.50231	-0.09562	0.00000	-0.09442 0.5000
7938:	95	11	84	94	12	83	633106.13245	633106.08001	0.05243	0.00000	0.05243 0.5000
7939:	95	12	84	94	12	83	633106.13245	633106.08002	0.05243	0.00000	0.05243 0.5000
7940:	36	27	10	35	26	9	633192.86430	633192.92784	-0.06354	0.00000	0.05243 0.5000
7941:	87	26	62	86	26	61	633227.45939	633227.47466	-0.01526	0.00000	
7942:	96	11	86	95	11	85	633230.06895	633230.13202	-0.06307	0.00000	
7943:	92	15	78	91	15	77	633232.44943	633232.33394	0.11550	0.00000	0.08717 0.5000
7944:	92	15	78	91	14	77	633232.44943	633232.39060	0.05884	0.00000	0.08717 0.5000
7945:	34	28	7	33	27	6	633344.69286	633344.73424	-0.04138	0.00000	
7946:	97	10	88	96	10	87	633402.46959	633402.31988	0.14971	0.00000	0.14971 0.3333
7947:	97	9	88	96	9	87	633402.46959	633402.31988	0.14971	0.00000	0.14971 0.3333
7948:	97	9	88	96	10	87	633402.46959	633402.31988	0.14971	0.00000	0.14971 0.3333
7949:	32	29	4	31	28	3	633478.64181	633478.68047	-0.03866	0.00000	
7950:	91	15	76	90	15	75	633566.28612	633566.48333	-0.19721	0.00000	0.03530 0.5000
7951:	91	16	76	90	16	75	633566.28612	633566.01832	0.26781	0.00000	0.03530 0.5000

7952:	30	30	0	29	29	1	633602.35223	633602.43042	-0.07819	0.10000	0.00000	633602.43042	-0.07819	0.5000
7953:	30	30	1	29	29	0	633602.35223	633602.43042	-0.07819	0.10000	0.00000	633602.43042	-0.07819	0.5000
7954:	98	8	90	97	9	89	633610.30169	633610.24350	0.05819	0.10000	0.00000	633610.24350	0.05819	0.5000
7955:	98	8	90	97	9	89	633610.30169	633610.24350	0.05819	0.10000	0.00000	633610.24350	0.05819	0.5000
7956:	99	7	92	98	8	91	633844.66954	633844.65397	0.01557	0.10000	0.00000	633844.65397	0.01557	0.5000
7957:	99	8	92	98	8	91	633844.66954	633844.65397	0.01557	0.10000	0.00000	633844.65397	0.01557	0.5000
7958:	53	19	35	52	18	34	633945.59781	633945.60726	-0.00946	0.10000	0.00000	633945.60726	-0.00946	0.5000
7959:	53	19	34	52	18	35	633948.31776	633948.43939	-0.12162	0.10000	0.00000	633948.43939	-0.12162	0.5000
7960:	85	22	63	84	22	62	633971.94426	633971.84001	0.10425	0.10000	0.00000	633971.84001	0.10425	0.5000
7961:	100	6	94	99	6	93	634098.50568	634098.51908	-0.01340	0.10000	0.00000	634098.51908	-0.01340	0.2500
7962:	100	6	94	99	7	93	634098.50568	634098.51908	-0.01340	0.10000	0.00000	634098.51908	-0.01340	0.2500
7963:	100	7	94	99	6	93	634098.50568	634098.51908	-0.01340	0.10000	0.00000	634098.51908	-0.01340	0.2500
7964:	100	7	94	99	7	93	634098.50568	634098.51908	-0.01340	0.10000	0.00000	634098.51908	-0.01340	0.2500
7965:	90	17	74	89	17	73	634165.93517	634165.94727	-0.01210	0.10000	0.00000	634165.94727	-0.01210	0.5000
7966:	101	6	96	100	5	95	634366.35721	634366.40604	-0.04883	0.10000	0.00000	634366.40604	-0.04883	0.2500
7967:	101	6	96	100	6	95	634366.35721	634366.40604	-0.04883	0.10000	0.00000	634366.40604	-0.04883	0.2500
7968:	101	5	96	100	5	95	634366.35721	634366.40604	-0.04883	0.10000	0.00000	634366.40604	-0.04883	0.2500
7969:	101	5	96	100	6	95	634366.35721	634366.40604	-0.04883	0.10000	0.00000	634366.40604	-0.04883	0.2500
7970:	88	30	58	87	30	57	634517.95287	634517.83710	0.11577	0.10000	0.00000	634517.83710	0.11577	0.5000
7971:	102	5	98	101	4	97	634644.05409	634644.06061	-0.00652	0.10000	0.00000	634644.06061	-0.00652	0.2500
7972:	102	5	98	101	5	97	634644.05409	634644.06061	-0.00652	0.10000	0.00000	634644.06061	-0.00652	0.2500
7973:	102	4	98	101	4	97	634644.05409	634644.06061	-0.00652	0.10000	0.00000	634644.06061	-0.00652	0.2500
7974:	102	4	98	101	5	97	634644.05409	634644.06061	-0.00652	0.10000	0.00000	634644.06061	-0.00652	0.2500
7975:	84	21	63	83	21	62	634796.91132	634796.58694	0.32439	0.10000	0.00000	634796.58694	0.32439	0.5000
7976:	103	4	100	102	3	99	634928.10966	634928.11261	-0.00295	0.10000	0.00000	634928.11261	-0.00295	0.2500
7977:	103	4	100	102	4	99	634928.10966	634928.11261	-0.00295	0.10000	0.00000	634928.11261	-0.00295	0.2500
7978:	103	3	100	102	3	99	634928.10966	634928.11261	-0.00295	0.10000	0.00000	634928.11261	-0.00295	0.2500
7979:	103	3	100	102	4	99	634928.10966	634928.11261	-0.00295	0.10000	0.00000	634928.11261	-0.00295	0.2500
7980:	89	18	72	88	18	71	635162.32346	635162.62532	-0.30186	0.10000	0.00000	635162.62532	-0.30186	0.5000
7981:	104	3	102	103	2	101	635215.85911	635215.86511	-0.00600	0.10000	0.00000	635215.86511	-0.00600	0.2500
7982:	104	2	102	103	2	101	635215.85911	635215.86511	-0.00600	0.10000	0.00000	635215.86511	-0.00600	0.2500
7983:	104	2	102	103	3	101	635215.85911	635215.86511	-0.00600	0.10000	0.00000	635215.86511	-0.00600	0.2500
7984:	104	3	102	103	3	101	635215.85911	635215.86511	-0.00600	0.10000	0.00000	635215.86511	-0.00600	0.2500
7985:	86	21	66	85	21	65	635291.32224	635291.21006	0.11218	0.10000	0.00000	635291.21006	0.11218	0.5000
7986:	86	23	63	85	23	62	635344.12139	635344.13492	-0.01353	0.10000	0.00000	635344.13492	-0.01353	0.5000
7987:	86	22	65	85	22	64	635488.79408	635488.56467	0.22942	0.10000	0.00000	635488.56467	0.22942	0.5000
7988:	105	1	104	104	2	103	635505.12755	635505.14053	-0.01299	0.10000	0.00000	635505.14053	-0.01299	0.2500
7989:	105	2	104	104	1	103	635505.12755	635505.14053	-0.01299	0.10000	0.00000	635505.14053	-0.01299	0.2500
7990:	105	2	104	104	2	103	635505.12755	635505.14053	-0.01299	0.10000	0.00000	635505.14053	-0.01299	0.2500
7991:	105	1	104	104	1	103	635505.12755	635505.14053	-0.01299	0.10000	0.00000	635505.14053	-0.01299	0.2500
7992:	61	17	45	60	16	44	635567.81020	635567.80867	0.00153	0.10000	0.00000	635567.80867	0.00153	0.5000
7993:	87	25	63	86	25	62	635571.51875	635571.41407	0.10467	0.10000	0.00000	635571.41407	0.10467	0.5000
7994:	85	19	66	84	19	65	635654.04359	635654.01153	0.03206	0.10000	0.00000	635654.01153	0.03206	0.5000
7995:	87	25	62	86	25	61	635666.48514	635666.37766	0.10748	0.10000	0.00000	635666.37766	0.10748	0.5000
7996:	106	0	106	105	1	105	635794.18217	635794.16653	0.01564	0.10000	0.00000	635794.16653	0.01564	0.2500
7997:	106	1	106	105	0	105	635794.18217	635794.16653	0.01564	0.10000	0.00000	635794.16653	0.01564	0.2500
7998:	106	1	106	105	1	105	635794.18217	635794.16653	0.01564	0.10000	0.00000	635794.16653	0.01564	0.2500
7999:	106	0	106	105	0	105	635794.18217	635794.16653	0.01564	0.10000	0.00000	635794.16653	0.01564	0.2500
8000:	88	29	59	87	29	58	635813.91982	635813.85515	0.06467	0.10000	0.00000	635813.85515	0.06467	0.5000

8001:	89 37 52 88 37 51	635883.11472	635883.47425	-0.35954	0.10000	0.00000	636072.07189	-0.06639 0.5000
8002:	51 20 32 50 19 31	636072.00550	636072.04838	-0.04288	0.10000	0.00000	636072.07189	-0.06639 0.5000
8003:	51 20 31 50 19 32	636072.00550	636072.09540	-0.08991	0.10000	0.00000		
8004:	56 18 39 55 17 38	636508.14109	636508.19919	-0.05809	0.10000	0.00000		
8005:	88 19 70 87 19 69	636596.57190	636596.58521	-0.01331	0.10000	0.00000		
8006:	56 18 38 55 17 39	636707.05719	636706.98933	0.06786	0.10000	0.00000		
8007:	89 35 55 88 35 54	637248.29863	637248.36164	-0.06301	0.10000	0.00000		
8008:	88 28 60 87 28 59	637302.10050	637302.31390	-0.21340	0.10000	0.00000	637302.17592	-0.07542 0.5000
8009:	88 28 61 87 28 60	637302.10050	637302.03794	0.06256	0.10000	0.00000	637302.17592	-0.07542 0.5000
8010:	49 21 28 48 20 29	637455.01442	637455.07254	-0.05811	0.10000	0.00000		
8011:	88 18 70 87 18 69	637529.92387	637529.84052	0.08335	0.10000	0.00000		
8012:	87 20 68 86 20 67	637593.81955	637593.82596	-0.00641	0.10000	0.00000		
8013:	89 34 56 88 34 55	638027.06640	638027.10635	-0.03995	0.10000	0.00000		
8014:	87 24 64 86 24 63	638358.04800	638357.94916	0.09884	0.10000	0.00000		
8015:	59 17 42 58 16 43	638369.10581	638369.21605	-0.11024	0.10000	0.00000		
8016:	47 22 26 46 21 25	638382.98757	638383.02439	-0.03682	0.10000	0.00000		
8017:	95 12 83 94 13 82	638953.89232	638953.90164	-0.00932	0.10000	0.00000	638953.90165	-0.00933 0.5000
8018:	95 13 83 94 13 82	638953.89232	638953.90166	-0.00934	0.10000	0.00000	638953.90165	-0.00933 0.5000
8019:	87 24 63 86 24 62	638965.52985	638965.45181	0.07803	0.10000	0.00000		
8020:	94 14 81 93 14 80	638971.31528	638971.34481	-0.02954	0.10000	0.00000	638971.34549	-0.03021 0.5000
8021:	94 14 81 93 13 80	638971.31528	638971.34616	-0.03088	0.10000	0.00000	638971.34549	-0.03021 0.5000
8022:	96 11 85 95 11 84	639021.41312	639021.55446	-0.14134	0.10000	0.00000	639021.45424	-0.04113 0.2500
8023:	96 12 85 95 11 84	639021.41312	639021.55446	-0.14134	0.10000	0.00000	639021.45424	-0.04113 0.2500
8024:	96 12 85 95 12 84	639021.41312	639021.55446	-0.14134	0.10000	0.00000	639021.45424	-0.04113 0.2500
8025:	45 23 23 44 22 22	639021.41312	639021.15359	0.25952	0.10000	0.00000	639021.45424	-0.04113 0.2500
8026:	88 27 62 87 27 61	639037.17332	639037.03359	0.13973	0.10000	0.00000	639021.45424	-0.04113 0.2500
8027:	88 27 61 87 27 60	639039.76886	639039.61118	0.15768	0.10000	0.00000		
8028:	93 15 79 92 15 78	639106.88364	639106.86023	0.02341	0.10000	0.00000	639106.86719	0.01645 0.5000
8029:	93 14 79 92 14 78	639106.88364	639106.87415	0.00949	0.10000	0.00000	639106.86719	0.01645 0.5000
8030:	97 11 87 96 10 86	639151.64860	639151.63866	0.00993	0.10000	0.00000	639151.63866	0.00993 0.3333
8031:	97 11 87 96 11 86	639151.64860	639151.63866	0.00993	0.10000	0.00000	639151.63866	0.00993 0.3333
8032:	97 10 87 96 10 86	639151.64860	639151.63866	0.00993	0.10000	0.00000	639151.63866	0.00993 0.3333
8033:	98 10 89 97 10 88	639328.04285	639328.00906	0.03380	0.10000	0.00000	639328.00906	0.03380 0.3333
8034:	98 9 89 97 9 88	639328.04285	639328.00906	0.03380	0.10000	0.00000	639328.00906	0.03380 0.3333
8035:	98 10 89 97 9 88	639328.04285	639328.00906	0.03380	0.10000	0.00000	639328.00906	0.03380 0.3333
8036:	92 15 77 91 16 76	639410.80801	639410.28129	0.52673	0.10000	0.00000	639410.80797	0.00004 0.2500
8037:	92 16 77 91 15 76	639410.80801	639411.33466	-0.52665	0.10000	0.00000	639410.80797	0.00004 0.2500
8038:	92 15 77 91 15 76	639410.80801	639410.94551	-0.13750	0.10000	0.00000	639410.80797	0.00004 0.2500
8039:	92 16 77 91 16 76	639410.80801	639410.67044	0.13758	0.10000	0.00000	639410.80797	0.00004 0.2500
8040:	43 24 19 42 23 20	639470.86319	639470.89530	-0.03211	0.10000	0.00000	639470.89530	-0.03211 0.5000
8041:	43 24 20 42 23 19	639470.86319	639470.89530	-0.03211	0.10000	0.00000	639470.89530	-0.03211 0.5000
8042:	99 9 91 98 9 90	639538.87238	639538.83651	0.03587	0.10000	0.00000	639538.83651	0.03587 0.5000
8043:	99 8 91 98 9 90	639538.87238	639538.83651	0.03587	0.10000	0.00000	639538.83651	0.03587 0.5000
8044:	86 19 67 85 19 66	639644.63660	639644.62836	0.00824	0.10000	0.00000		
8045:	100 7 93 99 7 92	639775.23646	639775.25614	-0.01968	0.10000	0.00000	639775.25614	-0.01968 0.3333
8046:	100 8 93 99 8 92	639775.23646	639775.25614	-0.01968	0.10000	0.00000	639775.25614	-0.01968 0.3333
8047:	100 8 93 99 7 92	639775.23646	639775.25614	-0.01968	0.10000	0.00000	639775.25614	-0.01968 0.3333
8048:	41 25 16 40 24 17	639797.07376	639797.10704	-0.03328	0.10000	0.00000	639797.10704	-0.03328 0.5000
8049:	41 25 17 40 24 16	639797.07376	639797.10704	-0.03328	0.10000	0.00000	639797.10704	-0.03328 0.5000

8050:	89	32	57	88	32	56	639833.41736	639833.50919	-0.09184	0.10000	0.00000	639833.50918	-0.09182	0.5000
8051:	89	32	58	88	32	57	639833.41736	639833.50917	-0.09181	0.10000	0.00000	639833.50918	-0.09182	0.5000
8052:	91	17	75	90	17	74	639963.02529	639963.02386	0.00143	0.10000	0.00000			
8053:	91	16	75	90	16	74	639967.63207	639967.53191	0.10016	0.10000	0.00000			
8054:	101	6	95	100	6	94	640030.56157	640030.50026	0.06131	0.10000	0.00000	640030.50026	0.06131	0.2500
8055:	101	7	95	100	7	94	640030.56157	640030.50026	0.06131	0.10000	0.00000	640030.50026	0.06131	0.2500
8056:	101	6	95	100	6	94	640030.56157	640030.50026	0.06131	0.10000	0.00000	640030.50026	0.06131	0.2500
8057:	101	7	95	100	6	94	640030.56157	640030.50026	0.06131	0.10000	0.00000	640030.50026	0.06131	0.2500
8058:	39	26	14	38	25	13	640042.34056	640042.34705	-0.00649	0.10000	0.00000	640042.34705	-0.00649	0.5000
8059:	39	26	13	38	25	14	640042.34056	640042.34705	-0.00649	0.10000	0.00000	640042.34705	-0.00649	0.5000
8060:	37	27	10	36	26	11	640234.93827	640234.98029	-0.04202	0.10000	0.00000	640234.98029	-0.04202	0.5000
8061:	37	27	11	36	26	10	640234.93827	640234.98029	-0.04202	0.10000	0.00000	640234.98029	-0.04202	0.5000
8062:	84	20	64	83	20	63	640383.64006	640383.60326	0.03680	0.10000	0.00000			
8063:	54	19	36	53	18	35	640394.06167	640394.34256	-0.28089	0.10000	0.00000	640394.15058	-0.08891	0.3333
8064:	35	28	8	34	27	7	640394.06167	640394.05459	0.00707	0.10000	0.00000	640394.15058	-0.08891	0.3333
8065:	35	28	7	34	27	8	640394.06167	640394.05459	0.00707	0.10000	0.00000	640394.15058	-0.08891	0.3333
8066:	33	29	5	32	28	4	640532.32193	640532.36470	-0.04277	0.10000	0.00000	640532.36470	-0.04277	0.5000
8067:	33	29	4	32	28	5	640532.32193	640532.36470	-0.04277	0.10000	0.00000	640532.36470	-0.04277	0.5000
8068:	103	5	99	102	5	98	640577.57882	640577.59788	-0.01906	0.10000	0.00000	640577.59788	-0.01906	0.3333
8069:	103	4	99	102	4	98	640577.57882	640577.59788	-0.01906	0.10000	0.00000	640577.59788	-0.01906	0.3333
8070:	103	4	99	102	5	98	640577.57882	640577.59788	-0.01906	0.10000	0.00000	640577.59788	-0.01906	0.3333
8071:	31	30	2	30	29	1	640658.39123	640658.44264	-0.05141	0.10000	0.00000	640658.44264	-0.05141	0.5000
8072:	31	30	1	30	29	2	640658.39123	640658.44264	-0.05141	0.10000	0.00000	640658.44264	-0.05141	0.5000
8073:	104	4101	103	3100			640862.08735	640862.05386	0.03349	0.10000	0.00000	640862.05386	0.03349	0.2500
8074:	104	3101	103	4100			640862.08735	640862.05386	0.03349	0.10000	0.00000	640862.05386	0.03349	0.2500
8075:	104	4101	103	4100			640862.08735	640862.05386	0.03349	0.10000	0.00000	640862.05386	0.03349	0.2500
8076:	104	3101	103	3100			640862.08735	640862.05386	0.03349	0.10000	0.00000	640862.05386	0.03349	0.2500
8077:	90	18	73	89	18	72	640888.39423	640888.37609	0.01814	0.10000	0.00000			
8078:	89	31	58	88	31	57	640892.74423	640892.64153	0.10270	0.10000	0.00000	640892.64135	0.10288	0.5000
8079:	89	31	59	88	31	58	640892.74423	640892.64117	0.10306	0.10000	0.00000	640892.64135	0.10288	0.5000
8080:	105	2103	104	2102			641150.05715	641150.06133	-0.00418	0.10000	0.00000			
8081:	106	2105	105	2104			641439.52283	641439.49269	0.03014	0.10000	0.00000	641439.49269	0.03014	0.2500
8082:	106	1105	105	2104			641439.52283	641439.49269	0.03014	0.10000	0.00000	641439.49269	0.03014	0.2500
8083:	106	1105	105	1104			641439.52283	641439.49269	0.03014	0.10000	0.00000	641439.49269	0.03014	0.2500
8084:	106	2105	105	1104			641439.52283	641439.49269	0.03014	0.10000	0.00000	641439.49269	0.03014	0.2500
8085:	107	0107	106	0106			641728.60714	641728.61195	-0.00481	0.10000	0.00000	641728.61195	-0.00481	0.2500
8086:	107	1107	106	1106			641728.60714	641728.61195	-0.00481	0.10000	0.00000	641728.61195	-0.00481	0.2500
8087:	107	1107	106	0106			641728.60714	641728.61195	-0.00481	0.10000	0.00000	641728.61195	-0.00481	0.2500
8088:	107	0107	106	1106			641728.60714	641728.61195	-0.00481	0.10000	0.00000	641728.61195	-0.00481	0.2500
8089:	89	30	59	88	30	58	642084.49822	642084.46577	0.03246	0.10000	0.00000			
8090:	87	21	67	86	21	66	642151.62024	642151.53379	0.08645	0.10000	0.00000			
8091:	52	20	32	51	19	33	642732.27776	642732.28995	-0.01218	0.10000	0.00000			
8092:	89	18	71	88	18	70	642898.78614	642898.84931	-0.06316	0.10000	0.00000			
8093:	87	22	66	86	22	65	643176.39151	643176.38458	0.00693	0.10000	0.00000			
8094:	89	29	60	88	29	59	643439.63335	643439.54745	0.08590	0.10000	0.00000			
8095:	88	20	63	87	20	68	643540.25294	643540.07483	0.17810	0.10000	0.00000			
8096:	88	25	63	87	25	62	643726.64898	643726.59932	0.04966	0.10000	0.00000			
8097:	87	19	68	86	19	67	643741.79546	643741.73149	0.06396	0.10000	0.00000			
8098:	86	22	64	85	22	63	644017.38907	644017.49271	-0.10364	0.10000	0.00000			

8099:	50	21	30	49	20	29	644247.30317	644247.33858	-0.03541	0.10000	0.00000	644247.33918	-0.03601	0.5000
8100:	50	21	29	49	20	30	644247.30317	644247.33978	-0.03661	0.10000	0.00000	644247.33918	-0.03601	0.5000
8101:	87	23	86	23	63		644425.01460	644425.04679	-0.03218	0.10000	0.00000			
8102:	90	35	56	89	35	55	644634.88728	644634.93944	-0.05216	0.10000	0.00000	644634.93944	-0.05216	0.5000
8103:	90	35	55	89	35	54	644634.88728	644634.93944	-0.05216	0.10000	0.00000	644634.93944	-0.05216	0.5000
8104:	85	21	64	84	21	63	644788.40820	644788.34362	0.06459	0.10000	0.00000			
8105:	96	13	84	95	12	83	644860.74506	644860.73442	0.01063	0.10000	0.00000	644860.73440	0.01065	0.2500
8106:	96	13	84	95	13	83	644860.74506	644860.73440	0.01066	0.10000	0.00000	644860.73440	0.01065	0.2500
8107:	96	12	84	95	13	83	644860.74506	644860.73438	0.01067	0.10000	0.00000	644860.73440	0.01065	0.2500
8108:	96	12	84	95	12	83	644860.74506	644860.73441	0.01065	0.10000	0.00000	644860.73440	0.01065	0.2500
8109:	95	13	82	94	14	81	644866.01349	644866.01188	0.00161	0.10000	0.00000	644866.01247	0.00102	0.2500
8110:	95	14	82	94	14	81	644866.01349	644866.01230	0.00119	0.10000	0.00000	644866.01247	0.00102	0.2500
8111:	95	13	82	94	13	81	644866.01349	644866.01263	0.00086	0.10000	0.00000	644866.01247	0.00102	0.2500
8112:	95	14	82	94	13	81	644866.01349	644866.01305	0.00044	0.10000	0.00000	644866.01247	0.00102	0.2500
8113:	97	12	86	96	11	85	644936.81074	644936.70914	0.10160	0.10000	0.00000	644936.70914	0.10160	0.2500
8114:	97	12	86	96	12	85	644936.81074	644936.70914	0.10160	0.10000	0.00000	644936.70914	0.10160	0.2500
8115:	97	11	86	96	11	85	644936.81074	644936.70914	0.10160	0.10000	0.00000	644936.70914	0.10160	0.2500
8116:	97	11	86	96	12	85	644936.81074	644936.70914	0.10160	0.10000	0.00000	644936.70914	0.10160	0.2500
8117:	94	15	80	93	15	79	644983.36843	644983.39973	-0.03129	0.10000	0.00000	644983.40372	-0.03529	0.2500
8118:	94	14	80	93	15	79	644983.36843	644983.38914	-0.02071	0.10000	0.00000	644983.40372	-0.03529	0.2500
8119:	94	15	80	93	14	79	644983.36843	644983.41830	-0.04987	0.10000	0.00000	644983.40372	-0.03529	0.2500
8120:	94	14	80	93	14	79	644983.36843	644983.40772	-0.03928	0.10000	0.00000	644983.40372	-0.03529	0.2500
8121:	89	28	62	88	28	61	645000.22634	644999.87702	0.34932	0.10000	0.00000	645000.12425	0.10210	0.5000
8122:	89	28	61	88	28	60	645000.22634	645000.37148	-0.14513	0.10000	0.00000	645000.12425	0.10210	0.5000
8123:	98	10	88	97	11	87	645072.61349	645072.55338	0.06012	0.10000	0.00000	645072.55338	0.06012	0.2500
8124:	98	11	88	97	10	87	645072.61349	645072.55338	0.06012	0.10000	0.00000	645072.55338	0.06012	0.2500
8125:	98	11	88	97	11	87	645072.61349	645072.55338	0.06012	0.10000	0.00000	645072.55338	0.06012	0.2500
8126:	98	10	88	97	10	87	645072.61349	645072.55338	0.06012	0.10000	0.00000	645072.55338	0.06012	0.2500
8127:	99	10	90	98	9	89	645252.95315	645252.93408	0.01907	0.10000	0.00000	645252.93408	0.01907	0.2500
8128:	99	9	90	98	9	89	645252.95315	645252.93408	0.01907	0.10000	0.00000	645252.93408	0.01907	0.2500
8129:	99	10	90	98	10	89	645252.95315	645252.93408	0.01907	0.10000	0.00000	645252.93408	0.01907	0.2500
8130:	99	9	90	98	10	89	645252.95315	645252.93408	0.01907	0.10000	0.00000	645252.93408	0.01907	0.2500
8131:	93	15	78	92	15	77	645259.46483	645259.57858	-0.11375	0.10000	0.00000	645259.49757	-0.03274	0.2500
8132:	93	16	78	92	15	77	645259.46483	645259.80571	-0.34088	0.10000	0.00000	645259.49757	-0.03274	0.2500
8133:	93	15	78	92	16	77	645259.46483	645259.18943	0.27540	0.10000	0.00000	645259.49757	-0.03274	0.2500
8134:	93	16	78	92	16	77	645259.46483	645259.41656	0.04827	0.10000	0.00000	645259.49757	-0.03274	0.2500
8135:	48	22	27	47	21	26	645262.52977	645262.47255	0.05722	0.10000	0.00000	645262.47255	0.05722	0.5000
8136:	48	22	26	47	21	27	645262.52977	645262.47256	0.05721	0.10000	0.00000	645262.47255	0.05722	0.5000
8137:	90	34	56	89	34	55	645442.99194	645443.07945	-0.08751	0.10000	0.00000	645443.07945	-0.08751	0.5000
8138:	90	34	57	89	34	56	645442.99194	645443.07945	-0.08751	0.10000	0.00000	645443.07945	-0.08751	0.5000
8139:	100	9	92	99	9	91	645466.54415	645466.55625	-0.01209	0.10000	0.00000	645466.55625	-0.01209	0.3333
8140:	100	9	92	99	8	91	645466.54415	645466.55625	-0.01209	0.10000	0.00000	645466.55625	-0.01209	0.3333
8141:	100	8	92	99	9	91	645466.54415	645466.55625	-0.01209	0.10000	0.00000	645466.55625	-0.01209	0.3333
8142:	101	8	94	100	8	93	645704.94600	645704.91647	0.02953	0.10000	0.00000	645704.91647	0.02953	0.2500
8143:	101	8	94	100	7	93	645704.94600	645704.91647	0.02953	0.10000	0.00000	645704.91647	0.02953	0.2500
8144:	101	7	94	100	8	93	645704.94600	645704.91647	0.02953	0.10000	0.00000	645704.91647	0.02953	0.2500
8145:	101	7	94	100	7	93	645704.94600	645704.91647	0.02953	0.10000	0.00000	645704.91647	0.02953	0.2500
8146:	92	17	76	91	17	75	645767.84973	645767.76332	0.08640	0.10000	0.00000			
8147:	92	16	76	91	16	75	645770.54063	645770.49884	0.04179	0.10000	0.00000			

8148:	46	23	24	45	22	23	645959.58842	645959.65152	-0.06309	0.10000	0.00000	645959.65152	-0.06309	0.5000
8149:	46	23	23	45	22	24	645959.58842	645959.65152	-0.06309	0.10000	0.00000	645959.65152	-0.06309	0.5000
8150:	103	5	98	102	5	97	646231.24102	646231.22769	0.01333	0.10000	0.00000	646231.22769	0.01333	0.2500
8151:	103	5	98	102	6	97	646231.24102	646231.22769	0.01333	0.10000	0.00000	646231.22769	0.01333	0.2500
8152:	103	6	98	102	6	97	646231.24102	646231.22769	0.01333	0.10000	0.00000	646231.22769	0.01333	0.2500
8153:	103	6	98	102	5	97	646231.24102	646231.22769	0.01333	0.10000	0.00000	646231.22769	0.01333	0.2500
8154:	90	33	58	89	33	57	646333.47137	646333.43058	0.04079	0.10000	0.00000	646333.43058	0.04078	0.5000
8155:	90	33	57	89	33	56	646333.47137	646333.43059	0.04078	0.10000	0.00000	646333.43058	0.04078	0.5000
8156:	44	24	21	43	23	20	646449.85521	646449.87727	-0.02206	0.10000	0.00000			
8157:	88	24	65	87	24	64	646474.15201	646474.00214	0.14987	0.10000	0.00000			
8158:	104	4100	103	5	99		646510.13969	646510.11139	0.02830	0.10000	0.00000	646510.11139	0.02830	0.2500
8159:	104	4100	103	4	99		646510.13969	646510.11139	0.02830	0.10000	0.00000	646510.11139	0.02830	0.2500
8160:	104	5100	103	4	99		646510.13969	646510.11139	0.02830	0.10000	0.00000	646510.11139	0.02830	0.2500
8161:	104	5100	103	5	99		646510.13969	646510.11139	0.02830	0.10000	0.00000	646510.11139	0.02830	0.2500
8162:	91	18	74	90	18	73	646625.24492	646625.23671	0.00821	0.10000	0.00000			
8163:	91	17	74	90	17	73	646662.99338	646662.97550	0.01789	0.10000	0.00000			
8164:	55	19	36	54	18	37	646794.78569	646794.45639	0.32931	0.10000	0.00000			
8165:	42	25	17	41	24	18	646803.88695	646803.89911	-0.01216	0.10000	0.00000	646803.89911	-0.01216	0.5000
8166:	42	25	18	41	24	17	646803.88695	646803.89911	-0.01216	0.10000	0.00000	646803.89911	-0.01216	0.5000
8167:	89	27	63	88	27	62	646825.94087	646825.50426	0.13661	0.10000	0.00000			
8168:	89	27	62	88	27	61	646830.04414	646829.96660	0.07754	0.10000	0.00000			
8169:	40	26	14	39	25	15	647068.11602	647068.10809	0.00792	0.10000	0.00000	647068.10809	0.00792	0.5000
8170:	40	26	15	39	25	14	647068.11602	647068.10809	0.00792	0.10000	0.00000	647068.10809	0.00792	0.5000
8171:	106	2104	105	2103			647083.25247	647083.22314	0.02933	0.10000	0.00000	647083.22314	0.02933	0.2500
8172:	106	2104	105	3103			647083.25247	647083.22314	0.02933	0.10000	0.00000	647083.22314	0.02933	0.2500
8173:	106	3104	105	2103			647083.25247	647083.22314	0.02933	0.10000	0.00000	647083.22314	0.02933	0.2500
8174:	106	3104	105	3103			647083.25247	647083.22314	0.02933	0.10000	0.00000	647083.22314	0.02933	0.2500
8175:	85	20	65	84	20	64	647140.44273	647140.38684	0.05588	0.10000	0.00000			
8176:	38	27	11	37	26	12	647273.43701	647273.46282	-0.02582	0.10000	0.00000	647273.46282	-0.02582	0.5000
8177:	38	27	12	37	26	11	647273.43701	647273.46282	-0.02582	0.10000	0.00000	647273.46282	-0.02582	0.5000
8178:	90	32	58	89	32	57	647320.77946	647320.76428	0.01518	0.10000	0.00000	647320.76426	0.01521	0.5000
8179:	90	32	59	89	32	58	647320.77946	647320.76423	0.01523	0.10000	0.00000	647320.76426	0.01521	0.5000
8180:	107	2106	106	1105			647372.84711	647372.80955	0.03755	0.10000	0.00000	647372.80955	0.03755	0.2500
8181:	107	1106	106	2105			647372.84711	647372.80955	0.03755	0.10000	0.00000	647372.80955	0.03755	0.2500
8182:	107	2106	106	2105			647372.84711	647372.80955	0.03755	0.10000	0.00000	647372.80955	0.03755	0.2500
8183:	107	1106	106	1105			647372.84711	647372.80955	0.03755	0.10000	0.00000	647372.80955	0.03755	0.2500
8184:	88	24	64	87	24	63	647410.06026	647410.02387	0.03640	0.10000	0.00000			
8185:	36	28	9	35	27	8	647440.79728	647440.81735	-0.02007	0.10000	0.00000	647440.81735	-0.02007	0.5000
8186:	36	28	8	35	27	9	647440.79728	647440.81735	-0.02007	0.10000	0.00000	647440.81735	-0.02007	0.5000
8187:	34	29	5	33	28	6	647584.20700	647584.25080	-0.04380	0.10000	0.00000	647584.25080	-0.04380	0.5000
8188:	34	29	6	33	28	5	647584.20700	647584.25080	-0.04380	0.10000	0.00000	647584.25080	-0.04380	0.5000
8189:	108	0108	107	1107			647662.00306	647662.02229	-0.01924	0.10000	0.00000	647662.02229	-0.01924	0.2500
8190:	108	1108	107	0107			647662.00306	647662.02229	-0.01924	0.10000	0.00000	647662.02229	-0.01924	0.2500
8191:	108	1108	107	1107			647662.00306	647662.02229	-0.01924	0.10000	0.00000	647662.02229	-0.01924	0.2500
8192:	108	0108	107	0107			647662.00306	647662.02229	-0.01924	0.10000	0.00000	647662.02229	-0.01924	0.2500
8193:	32	30	2	31	29	3	647713.14843	647713.22239	-0.07396	0.10000	0.00000	647713.22239	-0.07396	0.5000
8194:	32	30	3	31	29	2	647713.14843	647713.22239	-0.07396	0.10000	0.00000	647713.22239	-0.07396	0.5000
8195:	90	18	72	89	18	71	648360.71622	648360.68065	0.03558	0.10000	0.00000			
8196:	90	31	59	89	31	58	648423.94284	648423.92786	0.01498	0.10000	0.00000	648423.92751	0.01533	0.5000

8197:	90	31	60	89	31	59	648423.94284	648423.92716	0.01568	0.10000	0.00000	648423.92751	0.01533	0.5000
8198:	53	20	33	52	19	34	649355.00745	649355.13823	-0.13078	0.10000	0.00000	649355.03386	-0.02641	0.5000
8199:	53	20	34	52	19	33	649355.00745	649354.92949	0.07796	0.10000	0.00000	649355.03386	-0.02641	0.5000
8200:	96	13	83	95	13	82	650761.33303	650761.36660	-0.03357	0.10000	0.00000	650761.36651	-0.03348	0.2500
8201:	96	13	83	95	13	82	650761.33303	650761.36618	-0.03315	0.10000	0.00000	650761.36651	-0.03348	0.2500
8202:	96	14	83	95	14	82	650761.33303	650761.36642	-0.03339	0.10000	0.00000	650761.36651	-0.03348	0.2500
8203:	96	14	83	95	13	82	650761.33303	650761.36683	-0.03381	0.10000	0.00000	650761.36651	-0.03348	0.2500
8204:	97	12	85	96	12	84	650767.59202	650767.59991	-0.00789	0.10000	0.00000	650767.59990	-0.00788	0.2500
8205:	97	12	85	96	13	84	650767.59202	650767.59989	-0.00787	0.10000	0.00000	650767.59990	-0.00788	0.2500
8206:	97	13	85	96	13	84	650767.59202	650767.59990	-0.00788	0.10000	0.00000	650767.59990	-0.00788	0.2500
8207:	97	13	85	96	12	84	650767.59202	650767.59992	-0.00790	0.10000	0.00000	650767.59990	-0.00788	0.2500
8208:	98	12	87	97	11	86	650851.54872	650851.49222	0.05650	0.10000	0.00000	650851.49222	0.05650	0.2500
8209:	98	12	87	97	12	86	650851.54872	650851.49222	0.05650	0.10000	0.00000	650851.49222	0.05650	0.2500
8210:	98	11	87	97	11	86	650851.54872	650851.49222	0.05650	0.10000	0.00000	650851.49222	0.05650	0.2500
8211:	98	11	87	97	12	86	650851.54872	650851.49222	0.05650	0.10000	0.00000	650851.49222	0.05650	0.2500
8212:	99	11	89	98	10	88	650992.87790	650992.84171	0.03619	0.10000	0.00000	650992.84171	0.03619	0.2500
8213:	99	10	89	98	11	88	650992.87790	650992.84171	0.03619	0.10000	0.00000	650992.84171	0.03619	0.2500
8214:	99	10	89	98	10	88	650992.87790	650992.84171	0.03619	0.10000	0.00000	650992.84171	0.03619	0.2500
8215:	99	11	89	98	11	88	650992.87790	650992.84171	0.03619	0.10000	0.00000	650992.84171	0.03619	0.2500
8216:	51	21	31	50	20	30	651013.87939	651013.89936	-0.01997	0.10000	0.00000	651013.90072	-0.02133	0.5000
8217:	51	21	30	50	20	31	651013.87939	651013.90208	-0.02269	0.10000	0.00000	651013.90072	-0.02133	0.5000
8218:	90	29	61	89	29	60	651084.95353	651084.82239	0.13115	0.10000	0.00000	651084.82239	0.13115	0.5000
8219:	100	10	91	99	10	90	651177.10557	651177.07075	0.03482	0.10000	0.00000	651177.07075	0.03482	0.2500
8220:	100	9	91	99	10	90	651177.10557	651177.07075	0.03482	0.10000	0.00000	651177.07075	0.03482	0.2500
8221:	100	9	91	99	9	90	651177.10557	651177.07075	0.03482	0.10000	0.00000	651177.07075	0.03482	0.2500
8222:	100	10	91	99	9	90	651177.10557	651177.07075	0.03482	0.10000	0.00000	651177.07075	0.03482	0.2500
8223:	101	9	93	100	8	92	651393.43014	651393.38462	0.04553	0.10000	0.00000	651393.38462	0.04553	0.2500
8224:	101	9	93	100	8	92	651393.43014	651393.38462	0.04553	0.10000	0.00000	651393.38462	0.04553	0.2500
8225:	101	8	93	100	8	92	651393.43014	651393.38462	0.04553	0.10000	0.00000	651393.38462	0.04553	0.2500
8226:	101	8	93	100	9	92	651393.43014	651393.38462	0.04553	0.10000	0.00000	651393.38462	0.04553	0.2500
8227:	102	7	95	101	7	94	651633.59385	651633.62048	-0.02664	0.10000	0.00000	651633.62048	-0.02664	0.2500
8228:	102	7	95	101	8	94	651633.59385	651633.62048	-0.02664	0.10000	0.00000	651633.62048	-0.02664	0.2500
8229:	102	8	95	101	8	94	651633.59385	651633.62048	-0.02664	0.10000	0.00000	651633.62048	-0.02664	0.2500
8230:	102	8	95	101	8	94	651633.59385	651633.62048	-0.02664	0.10000	0.00000	651633.62048	-0.02664	0.2500
8231:	103	7	97	102	6	96	651891.82061	651891.49781	0.32280	0.10000	0.00000	651891.49781	0.32280	0.2500
8232:	103	6	97	102	7	96	651891.82061	651891.49781	0.32280	0.10000	0.00000	651891.49781	0.32280	0.2500
8233:	103	6	97	102	6	96	651891.82061	651891.49781	0.32280	0.10000	0.00000	651891.49781	0.32280	0.2500
8234:	103	7	97	102	7	96	651891.82061	651891.49781	0.32280	0.10000	0.00000	651891.49781	0.32280	0.2500
8235:	49	22	27	48	21	28	652123.57772	652123.58903	-0.01130	0.10000	0.00000	652123.58901	-0.01129	0.5000
8236:	49	22	28	48	21	27	652123.57772	652123.58900	-0.01128	0.10000	0.00000	652123.58901	-0.01129	0.5000
8237:	104	6	99	103	6	98	652162.06107	652162.11326	-0.05219	0.10000	0.00000	652162.11326	-0.05219	0.2500
8238:	104	5	99	103	5	98	652162.06107	652162.11326	-0.05219	0.10000	0.00000	652162.11326	-0.05219	0.2500
8239:	104	5	99	103	6	98	652162.06107	652162.11326	-0.05219	0.10000	0.00000	652162.11326	-0.05219	0.2500
8240:	104	6	99	103	5	98	652162.06107	652162.11326	-0.05219	0.10000	0.00000	652162.11326	-0.05219	0.2500
8241:	105	5	101	104	5	100	652441.69868	652441.59072	0.10796	0.10000	0.00000	652441.59072	0.10796	0.2500
8242:	105	4	101	104	5	100	652441.69868	652441.59072	0.10796	0.10000	0.00000	652441.59072	0.10796	0.2500
8243:	105	4	101	104	4	100	652441.69868	652441.59072	0.10796	0.10000	0.00000	652441.59072	0.10796	0.2500
8244:	105	5	101	104	4	100	652441.69868	652441.59072	0.10796	0.10000	0.00000	652441.59072	0.10796	0.2500
8245:	89	19	70	88	19	69	652614.33091	652614.24562	0.08529	0.10000	0.00000	652614.24562	0.08529	0.5000

8246:	91	34	57	90	34	56	652868.71683	652868.97697	-0.26014	0.10000	0.00000	652868.97697	-0.26014	0.5000
8247:	91	34	58	90	34	57	652868.71683	652868.97697	-0.26014	0.10000	0.00000	652868.97697	-0.26014	0.5000
8248:	47	23	24	46	22	25	652884.76689	652884.80796	-0.04107	0.10000	0.00000	652884.80796	-0.04107	0.5000
8249:	47	23	25	46	22	24	652884.76689	652884.80796	-0.04107	0.10000	0.00000	652884.80796	-0.04107	0.5000
8250:	86	20	66	85	20	65	652976.74260	652976.67405	0.06855	0.10000	0.00000			
8251:	107	3105106	2104				653015.40951	653015.34066	0.06885	0.10000	0.00000	653015.34066	0.06885	0.2500
8252:	107	3105106	3104				653015.40951	653015.34066	0.06885	0.10000	0.00000	653015.34066	0.06885	0.2500
8253:	107	2105106	2104				653015.40951	653015.34066	0.06885	0.10000	0.00000	653015.34066	0.06885	0.2500
8254:	107	2105106	3104				653107.72332	653107.78908	-0.06576	0.10000	0.00000			
8255:	56	19	38	55	18	37	653127.40340	653127.74951	-0.34611	0.10000	0.00000			
8256:	56	19	37	55	18	38	653305.08860	653305.08130	0.00730	0.10000	0.00000			
8257:	108	2107107	1106				653305.08860	653305.08130	0.00730	0.10000	0.00000			
8258:	108	1107107	1106				653305.08860	653305.08130	0.00730	0.10000	0.00000	653305.08130	0.00730	0.2500
8259:	108	2107107	2106				653305.08860	653305.08130	0.00730	0.10000	0.00000	653305.08130	0.00730	0.2500
8260:	108	1107107	2106				653305.08860	653305.08130	0.00730	0.10000	0.00000	653305.08130	0.00730	0.2500
8261:	45	24	21	44	23	22	653419.01304	653419.04781	-0.03477	0.10000	0.00000	653419.04781	-0.03477	0.5000
8262:	45	24	22	44	23	21	653419.01304	653419.04781	-0.03477	0.10000	0.00000	653419.04781	-0.03477	0.5000
8263:	109	1109108	0108				653594.44212	653594.38776	0.05437	0.10000	0.00000	653594.38776	0.05437	0.2500
8264:	109	1109108	1108				653594.44212	653594.38776	0.05437	0.10000	0.00000	653594.38776	0.05437	0.2500
8265:	109	0109108	0108				653594.44212	653594.38776	0.05437	0.10000	0.00000	653594.38776	0.05437	0.2500
8266:	109	0109108	1108				653594.44212	653594.38776	0.05437	0.10000	0.00000	653594.38776	0.05437	0.2500
8267:	91	19	73	90	19	72	653625.06775	653625.07113	-0.00338	0.10000	0.00000			
8268:	43	25	19	42	24	18	653803.43225	653803.45024	-0.01799	0.10000	0.00000	653803.45024	-0.01799	0.5000
8269:	43	25	18	42	24	19	653803.43225	653803.45024	-0.01799	0.10000	0.00000	653803.45024	-0.01799	0.5000
8270:	41	26	16	40	25	15	654088.50798	654088.53502	-0.02704	0.10000	0.00000	654088.53502	-0.02704	0.5000
8271:	41	26	15	40	25	16	654088.50798	654088.53502	-0.02704	0.10000	0.00000	654088.53502	-0.02704	0.5000
8272:	86	21	65	85	21	64	654270.45214	654270.40641	0.04573	0.10000	0.00000			
8273:	39	27	13	38	26	12	654308.01808	654308.04135	-0.02327	0.10000	0.00000	654308.04135	-0.02327	0.5000
8274:	39	27	12	38	26	13	654308.01808	654308.04135	-0.02327	0.10000	0.00000	654308.04135	-0.02327	0.5000
8275:	37	28	9	36	27	10	654484.72652	654484.75402	-0.02750	0.10000	0.00000			
8276:	35	29	6	34	28	7	654634.06894	654634.12311	-0.05417	0.10000	0.00000	654634.12311	-0.05417	0.5000
8277:	35	29	7	34	28	6	654634.06894	654634.12311	-0.05417	0.10000	0.00000	654634.12311	-0.05417	0.5000
8278:	33	30	4	32	29	3	654766.60088	654766.59717	0.00371	0.10000	0.00000	654766.59717	0.00371	0.5000
8279:	33	30	3	32	29	4	654766.60088	654766.59717	0.00371	0.10000	0.00000	654766.59717	0.00371	0.5000
8280:	31	31	1	30	30	0	654889.13500	654889.17048	-0.03548	0.10000	0.00000	654889.17048	-0.03548	0.5000
8281:	31	31	0	30	30	1	654889.13500	654889.17048	-0.03548	0.10000	0.00000	654889.17048	-0.03548	0.5000
8282:	54	20	34	53	19	35	655937.50853	655937.73761	-0.22908	0.10000	0.00000	655937.73761	-0.22908	0.5000
8283:	54	20	35	53	19	34	655937.50853	655937.73761	-0.22908	0.10000	0.00000	655937.73761	-0.22908	0.5000
8284:	97	14	84	96	14	83	656657.32148	656657.28204	0.03944	0.10000	0.00000	656657.28204	0.03944	0.2500
8285:	97	13	84	96	13	83	656657.32148	656657.28215	0.03933	0.10000	0.00000	656657.28209	0.03939	0.2500
8286:	97	14	84	96	13	83	656657.32148	656657.28228	0.03920	0.10000	0.00000	656657.28209	0.03939	0.2500
8287:	97	13	84	96	14	83	656657.32148	656657.28191	0.03957	0.10000	0.00000	656657.28209	0.03939	0.2500
8288:	98	12	86	97	13	85	656674.50506	656674.42187	0.08319	0.10000	0.00000	656674.42188	0.08318	0.2500
8289:	98	13	86	97	12	85	656674.50506	656674.42188	0.08318	0.10000	0.00000	656674.42188	0.08318	0.2500
8290:	98	13	86	97	13	85	656674.50506	656674.42187	0.08318	0.10000	0.00000	656674.42188	0.08318	0.2500
8291:	98	12	86	97	12	85	656674.50506	656674.42188	0.08318	0.10000	0.00000	656674.42188	0.08318	0.2500
8292:	96	15	82	95	15	81	656741.37016	656741.59165	-0.22149	0.10000	0.00000	656741.59295	-0.22279	0.2500
8293:	96	14	82	95	14	81	656741.37016	656741.59425	-0.22410	0.10000	0.00000	656741.59295	-0.22279	0.2500
8294:	96	15	82	95	14	81	656741.37016	656741.59766	-0.22750	0.10000	0.00000	656741.59295	-0.22279	0.2500

8295:	96	14	82	95	15	81	656741.37016	656741.58824	-0.21808	0.10000	0.00000	656741.59295	-0.22279	0.2500
8296:	99	11	88	98	11	87	656765.83673	656765.85494	-0.01821	0.10000	0.00000	656765.85494	-0.01821	0.2500
8297:	99	12	88	98	11	87	656765.83673	656765.85494	-0.01821	0.10000	0.00000	656765.85494	-0.01821	0.2500
8298:	99	12	88	98	12	87	656765.83673	656765.85494	-0.01821	0.10000	0.00000	656765.85494	-0.01821	0.2500
8299:	99	11	88	98	12	87	656765.83673	656765.85494	-0.01821	0.10000	0.00000	656765.85494	-0.01821	0.2500
8300:	100	11	90	99	10	89	656912.52888	656912.47090	0.05798	0.10000	0.00000	656912.47090	0.05798	0.2500
8301:	100	11	90	99	11	89	656912.52888	656912.47090	0.05798	0.10000	0.00000	656912.47090	0.05798	0.2500
8302:	100	10	90	99	10	89	656912.52888	656912.47090	0.05798	0.10000	0.00000	656912.47090	0.05798	0.2500
8303:	100	10	90	99	11	89	656912.52888	656912.47090	0.05798	0.10000	0.00000	656912.47090	0.05798	0.2500
8304:	101	10	92	100	9	91	657100.29237	657100.39577	-0.10341	0.10000	0.00000	657100.39577	-0.10341	0.2500
8305:	101	10	92	100	10	91	657100.29237	657100.39577	-0.10341	0.10000	0.00000	657100.39577	-0.10341	0.2500
8306:	101	9	92	100	9	91	657100.29237	657100.39577	-0.10341	0.10000	0.00000	657100.39577	-0.10341	0.2500
8307:	101	9	92	100	10	91	657100.29237	657100.39577	-0.10341	0.10000	0.00000	657100.39577	-0.10341	0.2500
8308:	102	9	94	101	9	93	657319.33863	657319.30400	0.03463	0.10000	0.00000	657319.30400	0.03463	0.2500
8309:	102	9	94	101	8	93	657319.33863	657319.30400	0.03463	0.10000	0.00000	657319.30400	0.03463	0.2500
8310:	102	8	94	101	9	93	657319.33863	657319.30400	0.03463	0.10000	0.00000	657319.30400	0.03463	0.2500
8311:	102	8	94	101	8	93	657319.33863	657319.30400	0.03463	0.10000	0.00000	657319.30400	0.03463	0.2500
8312:	103	7	96	102	7	95	657561.40119	657561.35396	0.04722	0.10000	0.00000	657561.35396	0.04722	0.2500
8313:	103	7	96	102	8	95	657561.40119	657561.35396	0.04722	0.10000	0.00000	657561.35396	0.04722	0.2500
8314:	103	8	96	102	7	95	657561.40119	657561.35396	0.04722	0.10000	0.00000	657561.35396	0.04722	0.2500
8315:	103	8	96	102	8	95	657561.40119	657561.35396	0.04722	0.10000	0.00000	657561.35396	0.04722	0.2500
8316:	52	21	32	51	20	31	657752.89458	657752.91323	-0.01865	0.10000	0.00000	657752.91628	-0.02170	0.5000
8317:	52	21	31	51	20	32	657752.89458	657752.91323	-0.02475	0.10000	0.00000	657752.91628	-0.02170	0.5000
8318:	104	7	98	103	7	97	657820.51467	657820.48964	0.02503	0.10000	0.00000	657820.48964	0.02503	0.2500
8319:	104	6	98	103	7	97	657820.51467	657820.48964	0.02503	0.10000	0.00000	657820.48964	0.02503	0.2500
8320:	104	7	98	103	6	97	657820.51467	657820.48964	0.02503	0.10000	0.00000	657820.48964	0.02503	0.2500
8321:	104	6	98	103	6	97	657820.51467	657820.48964	0.02503	0.10000	0.00000	657820.48964	0.02503	0.2500
8322:	87	20	67	86	20	66	657998.85313	657998.77000	0.08313	0.10000	0.00000	658091.96725	-0.00158	0.2500
8323:	105	5100	104	6	99		658091.96567	658091.96725	-0.00158	0.10000	0.00000	658091.96725	-0.00158	0.2500
8324:	105	6100	104	5	99		658091.96567	658091.96725	-0.00158	0.10000	0.00000	658091.96725	-0.00158	0.2500
8325:	105	6100	104	6	99		658091.96567	658091.96725	-0.00158	0.10000	0.00000	658091.96725	-0.00158	0.2500
8326:	105	5100	104	5	99		658091.96567	658091.96725	-0.00158	0.10000	0.00000	658091.96725	-0.00158	0.2500
8327:	106	4102	105	5101			658372.08503	658372.02548	0.05955	0.10000	0.00000	658372.02548	0.05955	0.3333
8328:	106	4102	105	4101			658372.08503	658372.02548	0.05955	0.10000	0.00000	658372.02548	0.05955	0.3333
8329:	106	5102	105	5101			658372.08503	658372.02548	0.05955	0.10000	0.00000	658372.02548	0.05955	0.3333
8330:	107	4104	106	3103			658657.64932	658657.65033	-0.00102	0.10000	0.00000	658657.65033	-0.00102	0.2500
8331:	107	4104	106	4103			658657.64932	658657.65033	-0.00102	0.10000	0.00000	658657.65033	-0.00102	0.2500
8332:	107	3104	106	3103			658657.64932	658657.65033	-0.00102	0.10000	0.00000	658657.65033	-0.00102	0.2500
8333:	107	3104	106	4103			658657.64932	658657.65033	-0.00102	0.10000	0.00000	658657.65033	-0.00102	0.2500
8334:	108	2106	107	3105			658946.42697	658946.40398	0.02299	0.10000	0.00000	658946.40398	0.02299	0.3333
8335:	108	3106	107	3105			658946.42697	658946.40398	0.02299	0.10000	0.00000	658946.40398	0.02299	0.3333
8336:	108	2106	107	2105			658946.42697	658946.40398	0.02299	0.10000	0.00000	658946.40398	0.02299	0.3333
8337:	50	22	28	49	21	29	658965.07975	658965.10633	-0.02658	0.10000	0.00000	658965.10633	-0.02655	0.5000
8338:	50	22	29	49	21	28	658965.07975	658965.10627	-0.02652	0.10000	0.00000	658965.10630	-0.02655	0.5000
8339:	109	1108	108	1107			659236.19491	659236.29809	-0.10318	0.10000	0.00000	659236.29809	-0.10318	0.2500
8340:	109	2108	108	1107			659236.19491	659236.29809	-0.10318	0.10000	0.00000	659236.29809	-0.10318	0.2500
8341:	109	2108	108	2107			659236.19491	659236.29809	-0.10318	0.10000	0.00000	659236.29809	-0.10318	0.2500
8342:	109	1108	108	2107			659236.19491	659236.29809	-0.10318	0.10000	0.00000	659236.29809	-0.10318	0.2500
8343:	48	23	25	47	22	26	659795.67110	659795.69685	-0.02575	0.10000	0.00000	659795.69685	-0.02575	0.5000

8344:	48	23	26	47	22	25	659795.67110	659795.69685	-0.02575	0.10000	0.00000	659795.69685	-0.02575	0.5000
8345:	46	24	22	45	23	23	660377.63471	660377.70322	-0.06851	0.10000	0.00000	660377.70322	-0.06851	0.5000
8346:	46	24	23	45	23	22	660377.63471	660377.70322	-0.06851	0.10000	0.00000	660377.70322	-0.06851	0.5000
8347:	44	25	20	43	24	19	660795.17211	660795.21163	-0.03953	0.10000	0.00000	660795.21163	-0.03953	0.5000
8348:	44	25	19	43	24	20	660795.17211	660795.21163	-0.03953	0.10000	0.00000	660795.21163	-0.03953	0.5000
8349:	42	26	17	41	25	16	661103.18849	661103.19258	-0.00409	0.10000	0.00000	661103.19258	-0.00409	0.5000
8350:	42	26	16	41	25	17	661103.18849	661103.19258	-0.00409	0.10000	0.00000	661103.19258	-0.00409	0.5000
8351:	40	27	14	39	26	13	661338.35596	661338.36713	-0.01117	0.10000	0.00000	661338.36713	-0.01117	0.5000
8352:	40	27	13	39	26	14	661338.35596	661338.36713	-0.01117	0.10000	0.00000	661338.36713	-0.01117	0.5000
8353:	38	28	11	37	27	10	661525.53546	661525.58379	-0.04832	0.10000	0.00000	661525.58379	-0.04832	0.5000
8354:	38	28	10	37	27	11	661525.53546	661525.58379	-0.04832	0.10000	0.00000	661525.58379	-0.04832	0.5000
8355:	36	29	7	35	28	8	661681.72430	661681.75529	-0.03099	0.10000	0.00000	661681.75529	-0.03099	0.5000
8356:	36	29	8	35	28	7	661681.72430	661681.75529	-0.03099	0.10000	0.00000	661681.75529	-0.03099	0.5000
8357:	34	30	5	33	29	4	661818.35759	661818.38512	-0.02753	0.10000	0.00000	661818.38512	-0.02753	0.5000
8358:	34	30	4	33	29	5	661818.35759	661818.38512	-0.02753	0.10000	0.00000	661818.38512	-0.02753	0.5000
8359:	32	31	2	31	30	1	661943.17186	661943.23793	-0.06607	0.10000	0.00000	661943.23793	-0.06607	0.5000
8360:	32	31	1	31	30	2	661943.17186	661943.23793	-0.06607	0.10000	0.00000	661943.23793	-0.06607	0.5000
8361:	98	13	85	97	14	84	662553.63274	662553.64368	-0.01094	0.10000	0.00000	662553.64368	-0.01104	0.2500
8362:	98	14	85	97	14	84	662553.63274	662553.64375	-0.01101	0.10000	0.00000	662553.64378	-0.01104	0.2500
8363:	98	14	85	97	13	84	662553.63274	662553.64388	-0.01114	0.10000	0.00000	662553.64378	-0.01104	0.2500
8364:	98	13	85	97	13	84	662553.63274	662553.64381	-0.01107	0.10000	0.00000	662553.64378	-0.01104	0.2500
8365:	99	12	87	98	12	86	662581.11870	662581.12914	-0.01044	0.10000	0.00000	662581.12914	-0.01044	0.2500
8366:	99	13	87	98	13	86	662581.11870	662581.12914	-0.01043	0.10000	0.00000	662581.12914	-0.01044	0.2500
8367:	99	12	87	98	13	86	662581.11870	662581.12913	-0.01043	0.10000	0.00000	662581.12914	-0.01044	0.2500
8368:	99	13	87	98	12	86	662581.11870	662581.12914	-0.01044	0.10000	0.00000	662581.12914	-0.01044	0.2500
8369:	97	15	83	96	15	82	662622.83914	662622.83204	0.00710	0.10000	0.00000	662622.83278	0.00636	0.2500
8370:	97	14	83	96	14	82	662622.83914	662622.83352	0.00561	0.10000	0.00000	662622.83278	0.00636	0.2500
8371:	97	15	83	96	14	82	662622.83914	662622.83545	0.00369	0.10000	0.00000	662622.83278	0.00636	0.2500
8372:	97	14	83	96	15	82	662622.83914	662622.83012	0.00902	0.10000	0.00000	662622.83278	0.00636	0.2500
8373:	100	11	89	99	12	88	662679.90035	662679.75127	0.14908	0.10000	0.00000	662679.75127	0.14908	0.2500
8374:	100	12	89	99	12	88	662679.90035	662679.75127	0.14908	0.10000	0.00000	662679.75127	0.14908	0.2500
8375:	100	11	89	99	11	88	662679.90035	662679.75127	0.14908	0.10000	0.00000	662679.75127	0.14908	0.2500
8376:	100	12	89	99	11	88	662679.90035	662679.75127	0.14908	0.10000	0.00000	662679.75127	0.14908	0.2500
8377:	96	15	81	95	15	80	662825.94474	662826.15241	-0.20766	0.10000	0.00000	662826.13624	-0.19150	0.2500
8378:	96	15	81	95	16	80	662825.94474	662826.07588	-0.13114	0.10000	0.00000	662826.13624	-0.19150	0.2500
8379:	96	16	81	95	15	80	662825.94474	662826.19660	-0.25186	0.10000	0.00000	662826.13624	-0.19150	0.2500
8380:	96	16	81	95	16	80	662825.94474	662826.12007	-0.17533	0.10000	0.00000	662826.13624	-0.19150	0.2500
8381:	101	11	91	100	10	90	662831.45630	662831.40969	0.04661	0.10000	0.00000	662831.40969	0.04661	0.2500
8382:	101	10	91	100	11	90	662831.45630	662831.40969	0.04661	0.10000	0.00000	662831.40969	0.04661	0.2500
8383:	101	10	91	100	10	90	662831.45630	662831.40969	0.04661	0.10000	0.00000	662831.40969	0.04661	0.2500
8384:	101	11	91	100	11	90	662831.45630	662831.40969	0.04661	0.10000	0.00000	662831.40969	0.04661	0.2500
8385:	87	21	66	86	21	65	663015.98916	663015.96278	0.02637	0.10000	0.00000	663022.88670	0.02124	0.2500
8386:	102	9	93	101	9	92	663022.90794	663022.88670	0.02124	0.10000	0.00000	663022.88670	0.02124	0.2500
8387:	102	9	93	101	10	92	663022.90794	663022.88670	0.02124	0.10000	0.00000	663022.88670	0.02124	0.2500
8388:	102	10	93	101	10	92	663022.90794	663022.88670	0.02124	0.10000	0.00000	663022.88670	0.02124	0.2500
8389:	102	10	93	101	9	92	663022.90794	663022.88670	0.02124	0.10000	0.00000	663022.88670	0.02124	0.2500
8390:	95	17	79	94	17	78	663221.36102	663221.03709	0.32393	0.10000	0.00000	663221.33383	0.02719	0.5000
8391:	95	16	79	94	16	78	663221.36102	663221.63056	-0.26954	0.10000	0.00000	663221.33383	0.02719	0.5000
8392:	103	9	95	102	8	94	663244.30692	663244.29725	0.00966	0.10000	0.00000	663244.29725	0.00966	0.2500

8393:	103	8	95102	8	94	663244.30692	663244.29725	0.00966	0.10000	0.00000	663244.29725	0.00966	0.2500
8394:	103	8	95102	9	94	663244.30692	663244.29725	0.00966	0.10000	0.00000	663244.29725	0.00966	0.2500
8395:	103	9	95102	9	94	663244.30692	663244.29725	0.00966	0.10000	0.00000	663244.29725	0.00966	0.2500
8396:	104	8	97103	8	96	663488.13591	663488.10294	0.03297	0.10000	0.00000	663488.10294	0.03297	0.2500
8397:	104	7	97103	8	96	663488.13591	663488.10294	0.03297	0.10000	0.00000	663488.10294	0.03297	0.2500
8398:	104	7	97103	7	96	663488.13591	663488.10294	0.03297	0.10000	0.00000	663488.10294	0.03297	0.2500
8399:	104	8	97103	7	96	663488.13591	663488.10294	0.03297	0.10000	0.00000	663488.10294	0.03297	0.2500
8400:	92	31	61	91	31	60	663530.95742	0.00280	0.10000	0.00000	663530.95614	0.00409	0.5000
8401:	92	31	62	91	31	61	663530.96023	0.00537	0.10000	0.00000	663530.95614	0.00409	0.5000
8402:	105	6	99104	6	98	663748.41890	663748.46069	-0.04179	0.10000	0.00000	663748.46069	-0.04179	0.2500
8403:	105	6	99104	7	98	663748.41890	663748.46069	-0.04179	0.10000	0.00000	663748.46069	-0.04179	0.2500
8404:	105	7	99104	7	98	663748.41890	663748.46069	-0.04179	0.10000	0.00000	663748.46069	-0.04179	0.2500
8405:	105	7	99104	6	98	663748.41890	663748.46069	-0.04179	0.10000	0.00000	663748.46069	-0.04179	0.2500
8406:	106	510105	5100			664020.80261	664020.77867	0.02394	0.10000	0.00000	664020.77867	0.02394	0.2500
8407:	106	510105	6100			664020.80261	664020.77867	0.02394	0.10000	0.00000	664020.77867	0.02394	0.2500
8408:	106	610105	6100			664020.80261	664020.77867	0.02394	0.10000	0.00000	664020.77867	0.02394	0.2500
8409:	106	610105	5100			664020.80261	664020.77867	0.02394	0.10000	0.00000	664020.77867	0.02394	0.2500
8410:	107	5103106	4102			664301.45335	664301.40530	0.04805	0.10000	0.00000	664301.40530	0.04805	0.2500
8411:	107	4103106	4102			664301.45335	664301.40530	0.04805	0.10000	0.00000	664301.40530	0.04805	0.2500
8412:	107	4103106	5102			664301.45335	664301.40530	0.04805	0.10000	0.00000	664301.40530	0.04805	0.2500
8413:	107	5103106	5102			664301.45335	664301.40530	0.04805	0.10000	0.00000	664301.40530	0.04805	0.2500
8414:	53	21	32	52	20	33	664462.54802	664462.41605	0.13197	0.10000	664462.40937	0.13865	0.5000
8415:	53	21	33	52	20	32	664462.54802	664462.40269	0.14533	0.10000	664462.40937	0.13865	0.5000
8416:	108	3105107	4104			664587.58586	664587.40655	0.17932	0.10000	0.00000	664587.40655	0.17932	0.2500
8417:	108	4105107	4104			664587.58586	664587.40655	0.17932	0.10000	0.00000	664587.40655	0.17932	0.2500
8418:	108	3105107	3104			664587.58586	664587.40655	0.17932	0.10000	0.00000	664587.40655	0.17932	0.2500
8419:	108	4105107	3104			664587.58586	664587.40655	0.17932	0.10000	0.00000	664587.40655	0.17932	0.2500
8420:	109	2107108	3106			664876.39148	664876.40322	-0.01174	0.10000	0.00000	664876.40322	-0.01174	0.2500
8421:	109	2107108	2106			664876.39148	664876.40322	-0.01174	0.10000	0.00000	664876.40322	-0.01174	0.2500
8422:	109	3107108	3106			664876.39148	664876.40322	-0.01174	0.10000	0.00000	664876.40322	-0.01174	0.2500
8423:	109	3107108	2106			664876.39148	664876.40322	-0.01174	0.10000	0.00000	664876.40322	-0.01174	0.2500
8424:	92	30	62	91	30	61	664885.84595	664885.88418	-0.03823	0.10000	664885.86979	-0.02384	0.5000
8425:	92	30	63	91	30	62	664885.84595	664885.85540	-0.00945	0.10000	664885.86979	-0.02384	0.5000
8426:	91	26	65	90	26	64	665014.95185	665014.89300	0.05885	0.10000	0.00000		
8427:	93	18	75	92	18	74	665108.86173	665108.88019	-0.01846	0.10000	0.00000		
8428:	90	22	69	89	22	68	665133.68504	665134.01733	-0.33230	0.10000	0.00000		
8429:	90	23	68	89	23	67	665160.17817	665159.99089	0.18728	0.10000	0.00000		
8430:	110	1109109	1108			665166.43305	665166.45010	-0.01705	0.10000	0.00000	665166.45010	-0.01705	0.2500
8431:	110	1109109	2108			665166.43305	665166.45010	-0.01705	0.10000	0.00000	665166.45010	-0.01705	0.2500
8432:	110	2109109	1108			665166.43305	665166.45010	-0.01705	0.10000	0.00000	665166.45010	-0.01705	0.2500
8433:	110	2109109	2108			665166.43305	665166.45010	-0.01705	0.10000	0.00000	665166.45010	-0.01705	0.2500
8434:	111	0111110	1110			665455.92998	665455.94479	-0.01481	0.10000	0.00000	665455.94479	-0.01481	0.2500
8435:	111	0111110	0110			665455.92998	665455.94479	-0.01481	0.10000	0.00000	665455.94479	-0.01481	0.2500
8436:	111	1111110	1110			665455.92998	665455.94479	-0.01481	0.10000	0.00000	665455.94479	-0.01481	0.2500
8437:	111	1111110	0110			665455.92998	665455.94479	-0.01481	0.10000	0.00000	665455.94479	-0.01481	0.2500
8438:	51	22	29	50	21	30	665785.68517	665785.68067	0.00451	0.10000	665785.68060	0.00458	0.5000
8439:	51	22	30	50	21	29	665785.68517	665785.68067	0.00465	0.10000	665785.68060	0.00458	0.5000
8440:	49	23	26	48	22	27	666691.31453	666691.34426	-0.02973	0.10000	666691.34426	-0.02973	0.5000
8441:	49	23	27	48	22	26	666691.31453	666691.34426	-0.02973	0.10000	666691.34426	-0.02973	0.5000

8442:	47	24	23	46	23	24	667325.11019	667325.10713	0.00306	0.10000	0.00000	667325.10713	0.00306	0.5000
8443:	47	24	24	46	23	23	667325.11019	667325.10713	0.00306	0.10000	0.00000	667325.10713	0.00306	0.5000
8444:	45	25	21	44	24	20	667778.57738	667778.61059	-0.03321	0.10000	0.00000	667778.61059	-0.03321	0.5000
8445:	45	25	20	44	24	21	667778.57738	667778.61059	-0.03321	0.10000	0.00000	667778.61059	-0.03321	0.5000
8446:	43	26	17	42	25	18	668111.64047	668111.62700	0.01347	0.10000	0.00000	668111.62700	0.01347	0.5000
8447:	43	26	18	42	25	17	668111.64047	668111.62700	0.01347	0.10000	0.00000	668111.62700	0.01347	0.5000
8448:	41	27	14	40	26	15	668364.00091	668364.07646	-0.07555	0.10000	0.00000	668364.07646	-0.07555	0.5000
8449:	41	27	15	40	26	14	668364.00091	668364.07646	-0.07555	0.10000	0.00000	668364.07646	-0.07555	0.5000
8450:	99	14	86	98	14	85	668450.26052	668450.34480	-0.08428	0.10000	0.00000	668450.34482	-0.08430	0.2500
8451:	99	14	86	98	13	85	668450.26052	668450.34487	-0.08435	0.10000	0.00000	668450.34482	-0.08430	0.2500
8452:	99	13	86	98	13	85	668450.26052	668450.34483	-0.08431	0.10000	0.00000	668450.34482	-0.08430	0.2500
8453:	99	13	86	98	14	85	668450.26052	668450.34476	-0.08424	0.10000	0.00000	668450.34482	-0.08430	0.2500
8454:	98	14	84	97	15	83	668505.33524	668505.25594	0.07931	0.10000	0.00000	668505.25744	0.07781	0.2500
8455:	98	14	84	97	14	83	668505.33524	668505.25786	0.07739	0.10000	0.00000	668505.25744	0.07781	0.2500
8456:	98	15	84	97	15	83	668505.33524	668505.25702	0.07823	0.10000	0.00000	668505.25744	0.07781	0.2500
8457:	98	15	84	97	14	83	668505.33524	668505.25894	0.07630	0.10000	0.00000	668505.25744	0.07781	0.2500
8458:	39	28	11	38	27	12	668562.99388	668563.01327	-0.01939	0.10000	0.00000	668563.01327	-0.01939	0.5000
8459:	39	28	12	38	27	11	668562.99388	668563.01327	-0.01939	0.10000	0.00000	668563.01327	-0.01939	0.5000
8460:	37	29	9	36	28	8	668726.85887	668726.91022	-0.05135	0.10000	0.00000	668726.91022	-0.05135	0.5000
8461:	37	29	8	36	28	9	668726.85887	668726.91022	-0.05135	0.10000	0.00000	668726.91022	-0.05135	0.5000
8462:	35	30	6	34	29	5	668868.37147	668868.39490	-0.02343	0.10000	0.00000	668868.39490	-0.02343	0.5000
8463:	103	9	94	102	10	93	668944.57707	668944.52189	0.05518	0.10000	0.00000	668944.52189	0.05518	0.2500
8464:	103	10	94	102	9	93	668944.57707	668944.52189	0.05518	0.10000	0.00000	668944.52189	0.05518	0.2500
8465:	103	10	94	102	10	93	668944.57707	668944.52189	0.05518	0.10000	0.00000	668944.52189	0.05518	0.2500
8466:	103	9	94	102	9	93	668944.57707	668944.52189	0.05518	0.10000	0.00000	668944.52189	0.05518	0.2500
8467:	33	31	3	32	30	2	668996.01409	668996.05299	-0.03890	0.10000	0.00000	668996.05299	-0.03890	0.5000
8468:	33	31	2	32	30	3	668996.01409	668996.05299	-0.03890	0.10000	0.00000	668996.05299	-0.03890	0.5000
8469:	104	8	96	103	8	95	669168.52157	669168.34766	0.17391	0.10000	0.00000	669168.34766	0.17391	0.3333
8470:	104	8	96	103	9	95	669168.52157	669168.34766	0.17391	0.10000	0.00000	669168.34766	0.17391	0.3333
8471:	104	9	96	103	9	95	669168.52157	669168.34766	0.17391	0.10000	0.00000	669168.34766	0.17391	0.3333
8472:	105	7	98	104	7	97	669413.54743	669413.85368	-0.30624	0.10000	0.00000	669413.85368	-0.30624	0.2500
8473:	105	7	98	104	8	97	669413.54743	669413.85368	-0.30624	0.10000	0.00000	669413.85368	-0.30624	0.2500
8474:	105	8	98	104	8	97	669413.54743	669413.85368	-0.30624	0.10000	0.00000	669413.85368	-0.30624	0.2500
8475:	105	8	98	104	7	97	669413.54743	669413.85368	-0.30624	0.10000	0.00000	669413.85368	-0.30624	0.2500
8476:	108	5104	107	5103			670229.74377	670229.71984	0.02393	0.10000	0.00000	670229.71984	0.02393	0.2500
8477:	108	5104	107	4103			670229.74377	670229.71984	0.02393	0.10000	0.00000	670229.71984	0.02393	0.2500
8478:	108	4104	107	5103			670229.74377	670229.71984	0.02393	0.10000	0.00000	670229.71984	0.02393	0.2500
8479:	108	4104	107	4103			670229.74377	670229.71984	0.02393	0.10000	0.00000	670229.71984	0.02393	0.2500
8480:	109	3106	108	3105			670516.20758	670516.09138	0.11620	0.10000	0.00000	670516.09138	0.11620	0.2500
8481:	109	4106	108	3105			670516.20758	670516.09138	0.11620	0.10000	0.00000	670516.09138	0.11620	0.2500
8482:	109	3106	108	4105			670516.20758	670516.09138	0.11620	0.10000	0.00000	670516.09138	0.11620	0.2500
8483:	109	4106	108	4105			670516.20758	670516.09138	0.11620	0.10000	0.00000	670516.09138	0.11620	0.2500
8484:	110	3108	109	2107			670805.35256	670805.32847	0.02409	0.10000	0.00000	670805.32847	0.02409	0.2500
8485:	110	3108	109	3107			670805.35256	670805.32847	0.02409	0.10000	0.00000	670805.32847	0.02409	0.2500
8486:	110	2108	109	3107			670805.35256	670805.32847	0.02409	0.10000	0.00000	670805.32847	0.02409	0.2500
8487:	110	2108	109	2107			670805.35256	670805.32847	0.02409	0.10000	0.00000	670805.32847	0.02409	0.2500
8488:	54	21	34	53	20	33	671140.23333	671140.23725	-0.00392	0.10000	0.00000	671140.25164	-0.01831	0.5000
8489:	54	21	33	53	20	34	671140.23333	671140.26602	-0.03270	0.10000	0.00000	671140.25164	-0.01831	0.5000
8490:	52	22	30	51	21	31	672583.84099	672583.88481	-0.04382	0.10000	0.00000	672583.88481	-0.04382	0.5000

8491:	50	23	28	49	22	27	673570.69715	673570.72491	-0.02776	0.10000	0.00000	673570.72492	-0.02777	0.5000
8492:	50	23	27	49	22	28	673570.69715	673570.72492	-0.02777	0.10000	0.00000	673570.72492	-0.02777	0.5000
8493:	48	24	25	47	23	24	674260.49197	674260.48864	0.00332	0.10000	0.00000	674260.48864	0.00332	0.5000
8494:	48	24	24	47	23	25	674260.49197	674260.48864	0.00332	0.10000	0.00000	674260.48864	0.00332	0.5000
8495:	100	14	87	99	14	86	674347.28725	674347.28630	0.00094	0.10000	0.00000	674347.28631	0.00094	0.2500
8496:	100	13	87	99	14	86	674347.28725	674347.28628	0.00097	0.10000	0.00000	674347.28631	0.00094	0.2500
8497:	100	14	87	99	13	86	674347.28725	674347.28634	0.00091	0.10000	0.00000	674347.28631	0.00094	0.2500
8498:	100	13	87	99	13	86	674347.28725	674347.28632	0.00093	0.10000	0.00000	674347.28631	0.00094	0.2500
8499:	99	14	85	98	15	84	674388.81666	674388.70150	0.11516	0.10000	0.00000	674388.70235	0.11431	0.2500
8500:	99	15	85	98	15	84	674388.81666	674388.70211	0.11455	0.10000	0.00000	674388.70235	0.11431	0.2500
8501:	99	15	85	98	14	84	674388.81666	674388.70320	0.11347	0.10000	0.00000	674388.70235	0.11431	0.2500
8502:	99	14	85	98	14	84	674388.81666	674388.70259	0.11408	0.10000	0.00000	674388.70235	0.11431	0.2500
8503:	102	12	91	101	11	90	674505.90046	674505.97331	-0.07285	0.10000	0.00000	674505.97331	-0.07285	0.2500
8504:	102	11	91	101	12	90	674505.90046	674505.97331	-0.07285	0.10000	0.00000	674505.97331	-0.07285	0.2500
8505:	102	11	91	101	11	90	674505.90046	674505.97331	-0.07285	0.10000	0.00000	674505.97331	-0.07285	0.2500
8506:	102	12	91	101	12	90	674505.90046	674505.97331	-0.07285	0.10000	0.00000	674505.97331	-0.07285	0.2500
8507:	98	15	83	97	15	82	674550.81173	674550.88170	-0.06997	0.10000	0.00000	674550.87628	-0.06455	0.2500
8508:	98	16	83	97	16	82	674550.81173	674550.87086	-0.05912	0.10000	0.00000	674550.87628	-0.06455	0.2500
8509:	98	16	83	97	15	82	674550.81173	674550.89629	-0.08456	0.10000	0.00000	674550.87628	-0.06455	0.2500
8510:	98	15	83	97	16	82	674550.81173	674550.85626	-0.04453	0.10000	0.00000	674550.87628	-0.06455	0.2500
8511:	37	12	26	37	7	31	674667.38446	674667.21420	0.17025	0.10000	0.00000			
8512:	89	22	67	88	22	66	674736.43011	674736.17852	0.25159	0.10000	0.00000			
8513:	46	25	21	45	24	22	674752.98105	674753.04943	-0.06837	0.10000	0.00000	674753.04943	-0.06837	0.5000
8514:	46	25	22	45	24	21	674752.98105	674753.04943	-0.06837	0.10000	0.00000	674753.04943	-0.06837	0.5000
8515:	97	16	81	96	17	80	674882.96086	674882.72137	0.23949	0.10000	0.00000	674882.87054	0.09032	0.5000
8516:	97	17	81	96	17	80	674882.96086	674883.01970	-0.05884	0.10000	0.00000	674882.87054	0.09032	0.5000
8517:	97	16	81	96	16	80	674883.29318	674883.22922	0.06396	0.10000	0.00000	674883.37839	-0.08521	0.5000
8518:	97	17	81	96	16	80	674883.29318	674883.52755	-0.23437	0.10000	0.00000	674883.37839	-0.08521	0.5000
8519:	105	9	97	104	9	96	675091.76682	675091.43890	0.32792	0.10000	0.00000	675091.43890	0.32792	0.2500
8520:	105	8	97	104	9	96	675091.76682	675091.43890	0.32792	0.10000	0.00000	675091.43890	0.32792	0.2500
8521:	105	8	97	104	8	96	675091.76682	675091.43890	0.32792	0.10000	0.00000	675091.43890	0.32792	0.2500
8522:	105	9	97	104	8	96	675091.76682	675091.43890	0.32792	0.10000	0.00000	675091.43890	0.32792	0.2500
8523:	44	26	19	43	25	18	675113.91712	675113.36540	0.55172	0.10000	0.00000	675113.36540	0.55172	0.5000
8524:	44	26	18	43	25	19	675113.91712	675113.36540	0.55172	0.10000	0.00000	675113.36540	0.55172	0.5000
8525:	42	27	16	41	26	15	675385.14602	675384.79029	0.35573	0.10000	0.00000	675384.79029	0.35573	0.5000
8526:	42	27	15	41	26	16	675385.14602	675384.79029	0.35573	0.10000	0.00000	675384.79029	0.35573	0.5000
8527:	96	18	79	95	18	78	675462.74384	675462.98944	-0.24560	0.10000	0.00000			
8528:	96	17	79	95	17	78	675465.72425	675466.37754	-0.65329	0.10000	0.00000			
8529:	40	28	12	39	27	13	675596.52630	675596.73633	-0.21003	0.10000	0.00000	675596.73633	-0.21003	0.5000
8530:	40	28	13	39	27	12	675596.52630	675596.73633	-0.21003	0.10000	0.00000	675596.73633	-0.21003	0.5000
8531:	38	29	10	37	28	10	675769.06697	675769.33986	-0.27289	0.10000	0.00000	675769.33986	-0.27289	0.5000
8532:	38	29	10	37	28	9	675769.06697	675769.33986	-0.27289	0.10000	0.00000	675769.33986	-0.27289	0.5000
8533:	36	30	7	35	29	6	675916.49989	675916.42565	0.07424	0.10000	0.00000	675916.42565	0.07424	0.5000
8534:	36	30	6	35	29	7	675916.49989	675916.42565	0.07424	0.10000	0.00000	675916.42565	0.07424	0.5000
8535:	92	25	68	91	25	67	675932.86876	675932.73986	0.12890	0.10000	0.00000			
8536:	34	31	3	33	30	4	676047.40766	676047.45365	-0.04599	0.10000	0.00000	676047.45365	-0.04599	0.5000
8537:	34	31	4	33	30	3	676047.40766	676047.45365	-0.04599	0.10000	0.00000	676047.45365	-0.04599	0.5000
8538:	93	28	65	92	28	64	676047.43485	676048.02147	-0.58662	0.10000	0.00000			
8539:	32	32	1	31	31	0	676168.88231	676168.83056	0.05175	0.10000	0.00000	676168.83056	0.05175	0.5000

8540:	32	32	0	31	31	1	676168.88231	676168.83056	0.05175	0.10000	0.00000	676168.83056	0.05175	0.5000
8541:	95	19	77	94	19	76	676413.05827	676412.89254	0.16573	0.10000	0.00000			
8542:	110	3107	109	3106			676443.85274	676443.69480	0.15794	0.10000	0.00000	676443.69480	0.15794	0.2500
8543:	110	3107	109	4106			676443.85274	676443.69480	0.15794	0.10000	0.00000	676443.69480	0.15794	0.2500
8544:	110	4107	109	3106			676443.85274	676443.69480	0.15794	0.10000	0.00000	676443.69480	0.15794	0.2500
8545:	110	4107	109	4106			676443.85274	676443.69480	0.15794	0.10000	0.00000	676443.69480	0.15794	0.2500
8546:	95	18	77	94	18	76	676457.69558	676457.86069	-0.16512	0.10000	0.00000			
8547:	111	3109	110	3108			676733.45072	676733.16983	0.28089	0.10000	0.00000	676733.16983	0.28089	0.2500
8548:	111	2109	110	3108			676733.45072	676733.16983	0.28089	0.10000	0.00000	676733.16983	0.28089	0.2500
8549:	111	3109	110	2108			676733.45072	676733.16983	0.28089	0.10000	0.00000	676733.16983	0.28089	0.2500
8550:	111	2109	110	2108			676733.45072	676733.16983	0.28089	0.10000	0.00000	676733.16983	0.28089	0.2500
8551:	94	32	63	93	32	62	677401.13109	677401.23588	-0.10479	0.10000	0.00000	677401.23627	-0.10519	0.5000
8552:	94	32	62	93	32	61	677401.13109	677401.23666	-0.10558	0.10000	0.00000	677401.23627	-0.10519	0.5000
8553:	89	21	68	88	21	67	677766.37942	677766.29336	0.08606	0.10000	0.00000			
8554:	60	19	41	59	18	42	677766.65194	677766.85747	-0.20553	0.10000	0.00000			
8555:	55	21	35	54	20	34	677784.16858	677784.11389	0.05469	0.10000	0.00000	677784.14431	0.02427	0.5000
8556:	55	21	34	54	20	35	677784.16858	677784.17473	-0.00615	0.10000	0.00000	677784.14431	0.02427	0.5000
8557:	93	27	67	92	27	66	678294.82560	678294.79045	0.03515	0.10000	0.00000			
8558:	94	31	64	93	31	63	678701.36388	678701.13588	0.22799	0.10000	0.00000	678701.14043	0.22345	0.5000
8559:	94	31	63	93	31	62	678701.36388	678701.14497	0.21891	0.10000	0.00000	678701.14043	0.22345	0.5000
8560:	92	24	69	91	24	68	678913.92088	678913.95885	-0.03797	0.10000	0.00000			
8561:	63	18	45	62	17	46	678938.94479	678938.53284	0.11196	0.10000	0.00000			
8562:	93	21	73	92	21	72	679357.74707	679357.36125	0.38582	0.10000	0.00000			
8563:	53	22	31	52	21	32	679358.04965	679358.20007	-0.15042	0.10000	0.00000	679358.19969	-0.15004	0.5000
8564:	53	22	32	52	21	31	679358.04965	679358.19932	-0.14967	0.10000	0.00000	679358.19969	-0.15004	0.5000
8565:	94	30	64	93	30	63	680179.26880	680179.00672	0.26208	0.10000	0.00000	680178.95873	0.31007	0.5000
8566:	94	30	65	93	30	64	680179.26880	680178.91074	0.35806	0.10000	0.00000	680178.95873	0.31007	0.5000
8567:	100	15	86	99	14	85	680273.04598	680273.01690	0.02908	0.10000	0.00000	680273.01643	0.02956	0.2500
8568:	100	14	86	99	14	85	680273.04598	680273.01656	0.02942	0.10000	0.00000	680273.01643	0.02956	0.2500
8569:	100	14	86	99	15	85	680273.04598	680273.01595	0.03003	0.10000	0.00000	680273.01643	0.02956	0.2500
8570:	100	15	86	99	15	85	680273.04598	680273.01629	0.02969	0.10000	0.00000	680273.01643	0.02956	0.2500
8571:	99	15	84	98	16	83	680416.27573	680416.45605	-0.18032	0.10000	0.00000	680416.46752	-0.19179	0.2500
8572:	99	16	84	98	16	83	680416.27573	680416.46439	-0.18866	0.10000	0.00000	680416.46752	-0.19179	0.2500
8573:	99	15	84	98	15	83	680416.27573	680416.47064	-0.19491	0.10000	0.00000	680416.46752	-0.19179	0.2500
8574:	99	16	84	98	15	83	680416.27573	680416.47899	-0.20326	0.10000	0.00000	680416.46752	-0.19179	0.2500
8575:	51	23	28	50	22	29	680432.80082	680432.75821	0.04261	0.10000	0.00000	680432.75821	0.04261	0.5000
8576:	51	23	29	50	22	28	680432.80082	680432.75820	0.04262	0.10000	0.00000	680432.75821	0.04261	0.5000
8577:	92	23	70	91	23	69	680437.62332	680437.56368	0.05964	0.10000	0.00000			
8578:	98	17	82	97	16	81	680720.00159	680720.69539	-0.69380	0.10000	0.00000			
8579:	98	17	82	97	17	81	680720.15390	680720.39706	-0.24316	0.10000	0.00000	680720.21838	-0.06448	0.2500
8580:	98	16	82	97	16	81	680720.15390	680720.52079	-0.36689	0.10000	0.00000	680720.21838	-0.06448	0.2500
8581:	74	20	55	74	16	58	680720.15390	680719.73320	0.42070	0.10000	0.00000	680720.21838	-0.06448	0.2500
8582:	98	16	82	97	17	81	680720.15390	680720.22246	-0.06856	0.10000	0.00000	680720.21838	-0.06448	0.2500
8583:	95	36	59	94	36	58	680822.71369	680823.21061	-0.49692	0.10000	0.00000	680823.21061	-0.49692	0.5000
8584:	95	36	60	94	36	59	680822.71369	680823.21061	-0.49692	0.10000	0.00000	680823.21061	-0.49692	0.5000
8585:	93	26	68	92	26	67	680992.14418	680992.18415	-0.03997	0.10000	0.00000			
8586:	49	24	25	48	23	26	681182.73213	681183.04018	-0.30805	0.10000	0.00000	681183.04018	-0.30805	0.5000
8587:	49	24	26	48	23	25	681182.73213	681183.04018	-0.30805	0.10000	0.00000	681183.04018	-0.30805	0.5000
8588:	107	7100	106	7	99		681262.33685	681262.30653	0.03032	0.10000	0.00000	681262.30653	0.03032	0.2500

8589:	107	7100106	8	99	681262.33685	681262.30653	0.03032	0.10000	0.00000	681262.30653	0.03032	0.2500
8590:	107	8100106	7	99	681262.33685	681262.30653	0.03032	0.10000	0.00000	681262.30653	0.03032	0.2500
8591:	107	8100106	8	99	85912.33685	681262.30653	0.03032	0.10000	0.00000	681262.30653	0.03032	0.2500
8592:	47	25	22	46	24	23	-0.19165	0.10000	0.00000	681717.90436	-0.19165	0.5000
8593:	47	25	23	46	24	22	-0.19165	0.10000	0.00000	681717.90436	-0.19165	0.5000
8594:	58	20	39	57	19	38	-0.02156	0.10000	0.00000	681791.84823	-0.02156	0.5000
8595:	45	26	19	44	25	20	-0.08976	0.10000	0.00000	682107.91514	-0.08976	0.5000
8596:	45	26	20	44	25	19	-0.08976	0.10000	0.00000	682107.91514	-0.08976	0.5000
8597:	96	18	78	95	18	77	0.12822	0.10000	0.00000	682166.47203	0.12822	0.5000
8598:	43	27	17	42	26	16	-0.01701	0.10000	0.00000	682400.09684	-0.01701	0.5000
8599:	43	27	16	42	26	17	-0.01701	0.10000	0.00000	682400.09684	-0.01701	0.5000
8600:	41	28	13	40	27	14	0.02578	0.10000	0.00000	682626.43388	0.02578	0.5000
8601:	41	28	14	40	27	13	0.02578	0.10000	0.00000	682626.43388	0.02578	0.5000
8602:	39	29	10	38	28	11	0.01998	0.10000	0.00000	682808.78514	0.01998	0.5000
8603:	39	29	11	38	28	10	0.01998	0.10000	0.00000	682808.78514	0.01998	0.5000
8604:	37	30	8	36	29	7	-0.11216	0.10000	0.00000	682962.26691	-0.11216	0.5000
8605:	37	30	7	36	29	8	-0.11216	0.10000	0.00000	682962.26691	-0.11216	0.5000
8606:	35	31	5	34	30	4	0.03568	0.10000	0.00000	683097.26941	0.03568	0.5000
8607:	35	31	4	34	30	5	0.03568	0.10000	0.00000	683097.26941	0.03568	0.5000
8608:	33	32	1	32	31	2	-0.06521	0.10000	0.00000	683220.88609	-0.06521	0.5000
8609:	33	32	2	32	31	1	-0.06521	0.10000	0.00000	683220.88609	-0.06521	0.5000
8610:	54	22	33	53	21	32	-0.01111	0.10000	0.00000	686107.00541	-0.01111	0.5000
8611:	54	22	32	53	21	33	-0.01111	0.10000	0.00000	686107.00541	-0.01111	0.5000
8612:	46	26	20	45	25	21	0.13776	0.10000	0.00000	689094.76300	0.13776	0.5000
8613:	46	26	21	45	25	20	0.13776	0.10000	0.00000	689094.76300	0.13776	0.5000
8614:	44	27	17	43	26	18	0.12371	0.10000	0.00000	689409.63622	0.12371	0.5000
8615:	44	27	18	43	26	17	0.12371	0.10000	0.00000	689409.63622	0.12371	0.5000
8616:	42	28	15	41	27	14	0.11999	0.10000	0.00000	689651.77355	0.11999	0.5000
8617:	42	28	14	41	27	15	0.11999	0.10000	0.00000	689651.77355	0.11999	0.5000
8618:	40	29	11	39	28	12	0.15807	0.10000	0.00000	689844.97579	0.15807	0.5000
8619:	40	29	12	39	28	11	0.15807	0.10000	0.00000	689844.97579	0.15807	0.5000
8620:	38	30	8	37	29	8	0.18215	0.10000	0.00000	690005.69853	0.18215	0.5000
8621:	38	30	9	37	29	9	0.18215	0.10000	0.00000	690005.69853	0.18215	0.5000
8622:	36	31	6	35	30	5	0.04444	0.10000	0.00000	690145.32124	0.04444	0.5000
8623:	36	31	5	35	30	6	0.04444	0.10000	0.00000	690145.32124	0.04444	0.5000
8624:	34	32	2	33	31	3	0.01308	0.10000	0.00000	690271.66779	0.01308	0.5000
8625:	34	32	3	33	31	2	0.01308	0.10000	0.00000	690271.66779	0.01308	0.5000
8626:	57	21	37	56	20	36	-0.04979	0.10000	0.00000	690959.77010	-0.04979	0.5000
8627:	57	21	36	56	20	37	0.10537	0.10000	0.00000	690960.02834	0.10537	0.5000
8628:	94	22	73	93	22	72	0.25857	0.10000	0.00000	691429.33687	0.25857	0.5000
8629:	95	28	68	94	28	67	0.13236	0.10000	0.00000	691737.61069	0.13236	0.5000
8630:	95	28	67	94	28	66	-0.21098	0.10000	0.00000	691750.81212	-0.21098	0.5000
8631:	77	21	57	77	18	60	0.28125	0.10000	0.00000	692414.73627	0.28125	0.5000
8632:	96	32	65	95	32	64	0.26659	0.10000	0.00000	692527.03159	0.26659	0.5000
8633:	96	32	64	95	32	63	0.26376	0.10000	0.00000	692527.03442	0.26376	0.5000
8634:	95	20	75	94	20	74	-0.25896	0.10000	0.00000	692569.85721	-0.25896	0.5000
8635:	107	9	98106	10	97		-0.02174	0.10000	0.00000	692622.09616	-0.02174	0.2500
8636:	107	10	98106	10	97		-0.02174	0.10000	0.00000	692622.09616	-0.02174	0.2500
8637:	107	10	98106	9	97		-0.02174	0.10000	0.00000	692622.09616	-0.02174	0.2500

8638:	107	9	98106	9	97	692622.07442	692622.09616	-0.02174	0.10000	0.00000	692622.09616	-0.02174	0.2500	
8639:	55	22	34	54	21	33	692828.63054	692828.57175	0.05879	0.10000	0.00000	692828.57363	0.05691	0.5000
8640:	55	22	33	54	21	34	692828.63054	692828.57551	0.05503	0.10000	0.00000	692828.57363	0.05691	0.5000
8641:	99	18	82	98	18	81	692863.28628	692863.17613	0.11015	0.10000	0.00000			
8642:	99	17	82	98	17	81	692863.59594	692863.92509	-0.32915	0.10000	0.00000			
8643:	92	21	71	91	21	70	693205.57120	693205.76857	-0.19737	0.10000	0.00000			
8644:	91	22	69	90	22	68	693284.69532	693284.43589	0.25943	0.10000	0.00000			
8645:	98	19	80	97	19	79	693621.77630	693622.03439	-0.25809	0.10000	0.00000			
8646:	98	18	80	97	18	79	693633.04269	693632.99838	0.04431	0.10000	0.00000			
8647:	112	5108111	4107				693932.11963	693932.11886	0.00077	0.10000	0.00000	693932.11886	0.00077	0.2500
8648:	112	5108111	5107				693932.11963	693932.11886	0.00077	0.10000	0.00000	693932.11886	0.00077	0.2500
8649:	112	4108111	4107				693932.11963	693932.11886	0.00077	0.10000	0.00000	693932.11886	0.00077	0.2500
8650:	112	4108111	5107				693932.11963	693932.11886	0.00077	0.10000	0.00000	693932.11886	0.00077	0.2500
8651:	53	23	30	52	22	31	694100.17776	694100.15642	0.02134	0.10000	0.00000	694100.15640	0.02135	0.5000
8652:	53	23	31	52	22	30	694100.17776	694100.15639	0.02137	0.10000	0.00000	694100.15640	0.02135	0.5000
8653:	113	3110112	3109				694219.78088	694219.91626	-0.13538	0.10000	0.00000	694219.91626	-0.13538	0.2500
8654:	113	3110112	4109				694219.78088	694219.91626	-0.13538	0.10000	0.00000	694219.91626	-0.13538	0.2500
8655:	113	4110112	4109				694219.78088	694219.91626	-0.13538	0.10000	0.00000	694219.91626	-0.13538	0.2500
8656:	113	4110112	3109				694219.78088	694219.91626	-0.13538	0.10000	0.00000	694219.91626	-0.13538	0.2500
8657:	95	27	69	94	27	68	694242.64744	694242.58552	0.06191	0.10000	0.00000			
8658:	92	23	69	91	23	68	694377.57095	694377.54157	0.02938	0.10000	0.00000			
8659:	63	19	45	62	18	44	694435.99548	694435.59416	0.40131	0.10000	0.00000			
8660:	94	24	71	93	24	70	694800.58366	694801.24318	-0.65952	0.10000	0.00000			
8661:	51	24	28	50	23	27	694986.38879	694986.22558	0.16321	0.10000	0.00000	694986.22558	0.16321	0.5000
8662:	51	24	27	50	23	28	694986.38879	694986.22558	0.16321	0.10000	0.00000	694986.22558	0.16321	0.5000
8663:	116	1116115	0115				695091.10851	695090.86460	0.24391	0.10000	0.00000	695090.86460	0.24391	0.2500
8664:	116	1116115	1115				695091.10851	695090.86460	0.24391	0.10000	0.00000	695090.86460	0.24391	0.2500
8665:	116	0116115	0115				695091.10851	695090.86460	0.24391	0.10000	0.00000	695090.86460	0.24391	0.2500
8666:	116	0116115	1115				695091.10851	695090.86460	0.24391	0.10000	0.00000	695090.86460	0.24391	0.2500
8667:	63	19	44	62	18	45	695517.30182	695517.17152	0.13031	0.10000	0.00000			
8668:	96	30	67	95	30	66	695553.88814	695553.91336	-0.02522	0.10000	0.00000			
8669:	96	30	66	95	30	65	695554.41635	695554.22134	0.19501	0.10000	0.00000			
8670:	49	25	25	48	24	24	695616.21030	695616.22870	-0.01840	0.10000	0.00000	695616.22870	-0.01840	0.5000
8671:	49	25	24	48	24	25	695616.21030	695616.22870	-0.01840	0.10000	0.00000	695616.22870	-0.01840	0.5000
8672:	65	17	48	64	16	49	695654.57452	695654.48905	0.08547	0.10000	0.00000			
8673:	97	36	61	96	36	60	695655.54098	695655.47631	0.06467	0.10000	0.00000			
8674:	47	26	21	46	25	22	696073.33356	696073.37442	-0.04086	0.10000	0.00000	696073.37442	-0.04086	0.5000
8675:	47	26	22	46	25	21	696073.33356	696073.37442	-0.04086	0.10000	0.00000	696073.37442	-0.04086	0.5000
8676:	45	27	19	44	26	18	696412.97426	696412.92980	0.04446	0.10000	0.00000	696412.92980	0.04446	0.5000
8677:	45	27	18	44	26	19	696412.97426	696412.92980	0.04446	0.10000	0.00000	696412.92980	0.04446	0.5000
8678:	96	21	76	95	21	75	696470.18348	696470.32794	-0.14446	0.10000	0.00000			
8679:	43	28	16	42	27	15	696672.38773	696672.40943	-0.02171	0.10000	0.00000	696672.40943	-0.02171	0.5000
8680:	43	28	15	42	27	16	696672.38773	696672.40943	-0.02171	0.10000	0.00000	696672.40943	-0.02171	0.5000
8681:	41	29	12	40	28	13	696877.68073	696877.63016	0.05057	0.10000	0.00000	696877.63016	0.05057	0.5000
8682:	41	29	13	40	28	12	696877.68073	696877.63016	0.05057	0.10000	0.00000	696877.63016	0.05057	0.5000
8683:	39	30	9	38	29	10	697046.45976	697046.49054	-0.03079	0.10000	0.00000	697046.49054	-0.03079	0.5000
8684:	39	30	10	38	29	9	697046.45976	697046.49054	-0.03079	0.10000	0.00000	697046.49054	-0.03079	0.5000
8685:	93	21	72	92	21	71	697191.10228	697190.92056	0.18172	0.10000	0.00000			
8686:	37	31	7	36	30	6	697191.32843	697191.42148	-0.09305	0.10000	0.00000	697191.42148	-0.09305	0.5000

8687:	37	31	6	36	30	7	697191.32843	697191.42148	-0.09305	0.10000	0.00000	697191.42148	-0.09305	0.5000
8688:	35	32	4	34	31	3	697320.98641	697321.02311	-0.03670	0.10000	0.00000	697321.02311	-0.03670	0.5000
8689:	35	32	3	34	31	4	697320.98641	697321.02311	-0.03670	0.10000	0.00000	697321.02311	-0.03670	0.5000
8690:	33	33	0	32	32	1	697441.03104	697441.18395	-0.15290	0.10000	0.00000	697441.18395	-0.15290	0.5000
8691:	33	33	1	32	32	0	697441.03104	697441.18395	-0.15290	0.10000	0.00000	697441.18395	-0.15290	0.5000
8692:	58	21	38	57	20	37	697485.94478	697485.83636	0.10842	0.10000	0.00000			
8693:	58	21	37	57	20	38	697486.24671	697486.35526	-0.10855	0.10000	0.00000			
8694:	95	22	74	94	22	73	697525.62850	697525.90487	-0.27637	0.10000	0.00000			
8695:	97	34	63	96	34	62	697649.17276	697649.22160	-0.04883	0.10000	0.00000	697649.22158	-0.04882	0.5000
8696:	97	34	64	96	34	63	697649.17276	697649.22156	-0.04880	0.10000	0.00000	697649.22158	-0.04882	0.5000
8697:	56	22	35	55	21	34	699520.98775	699521.04362	-0.05587	0.10000	0.00000	699521.04771	-0.05996	0.5000
8698:	56	22	34	55	21	35	699520.98775	699521.05180	-0.06406	0.10000	0.00000	699521.04771	-0.05996	0.5000
8699:	64	19	46	63	18	45	699563.51841	699563.48899	0.02942	0.10000	0.00000			
8700:	95	25	71	94	25	70	700370.26514	700370.08614	0.17900	0.10000	0.00000			
8701:	61	20	42	60	19	41	700547.70904	700547.72809	-0.01905	0.10000	0.00000			
8702:	54	23	31	53	22	32	700903.11651	700903.04063	0.07588	0.10000	0.00000	700903.04059	0.07593	0.5000
8703:	54	23	32	53	22	31	700903.11651	700903.04054	0.07597	0.10000	0.00000	700903.04059	0.07593	0.5000
8704:	52	24	29	51	23	28	701864.92362	701865.03865	-0.11503	0.10000	0.00000	701865.03865	-0.11503	0.5000
8705:	52	24	28	51	23	29	701864.92362	701865.03865	-0.11503	0.10000	0.00000	701865.03865	-0.11503	0.5000
8706:	50	25	26	49	24	25	702548.24311	702548.30741	-0.06430	0.10000	0.00000	702548.30741	-0.06430	0.5000
8707:	50	25	25	49	24	26	702548.24311	702548.30741	-0.06430	0.10000	0.00000	702548.30741	-0.06430	0.5000
8708:	95	24	72	94	24	71	702557.79539	702558.01928	-0.22390	0.10000	0.00000			
8709:	48	26	22	47	25	23	703043.31663	703043.19255	0.12408	0.10000	0.00000	703043.19255	0.12408	0.5000
8710:	48	26	23	47	25	22	703043.31663	703043.19255	0.12408	0.10000	0.00000	703043.19255	0.12408	0.5000
8711:	94	24	70	93	24	69	703210.59377	703210.37137	0.22240	0.10000	0.00000			
8712:	46	27	19	45	26	20	703409.51159	703409.54980	-0.03822	0.10000	0.00000	703409.54980	-0.03822	0.5000
8713:	46	27	20	45	26	19	703409.51159	703409.54980	-0.03822	0.10000	0.00000	703409.54980	-0.03822	0.5000
8714:	44	28	16	43	27	17	703687.87324	703687.98178	-0.10855	0.10000	0.00000	703687.98178	-0.10855	0.5000
8715:	44	28	17	43	27	16	703687.87324	703687.98178	-0.10855	0.10000	0.00000	703687.98178	-0.10855	0.5000
8716:	42	29	14	41	28	13	703906.52262	703906.45504	0.06758	0.10000	0.00000	703906.45504	0.06758	0.5000
8717:	42	29	13	41	28	14	703906.52262	703906.45504	0.06758	0.10000	0.00000	703906.45504	0.06758	0.5000
8718:	59	21	39	58	20	38	703966.18043	703966.43197	-0.25154	0.10000	0.00000			
8719:	59	21	38	58	20	39	703967.55870	703967.45805	0.10065	0.10000	0.00000			
8720:	40	30	10	39	29	11	704084.32213	704084.40307	-0.08095	0.10000	0.00000	704084.40307	-0.08095	0.5000
8721:	40	30	11	39	29	10	704084.32213	704084.40307	-0.08095	0.10000	0.00000	704084.40307	-0.08095	0.5000
8722:	38	31	8	37	30	7	704235.46249	704235.37379	0.08870	0.10000	0.00000	704235.37379	0.08870	0.5000
8723:	38	31	7	37	30	8	704235.46249	704235.37379	0.08870	0.10000	0.00000	704235.37379	0.08870	0.5000
8724:	36	32	4	35	31	5	704368.80563	704368.79177	0.01387	0.10000	0.00000	704368.79177	0.01387	0.5000
8725:	36	32	5	35	31	4	704368.80563	704368.79177	0.01387	0.10000	0.00000	704368.79177	0.01387	0.5000
8726:	34	33	2	33	32	1	704491.02126	704491.16024	-0.13898	0.10000	0.00000	704491.16024	-0.13898	0.5000
8727:	34	33	1	33	32	2	704491.02126	704491.16024	-0.13898	0.10000	0.00000	704491.16024	-0.13898	0.5000
8728:	100	19	82	99	19	81	705145.29088	705145.31146	-0.02058	0.10000	0.00000			
8729:	100	18	82	99	18	81	705149.36205	705149.47017	-0.10813	0.10000	0.00000			
8730:	98	34	65	97	34	64	705152.95468	705153.16109	-0.20641	0.10000	0.00000			
8731:	97	29	68	96	29	67	705243.83307	705243.75436	0.07871	0.10000	0.00000			
8732:	57	22	36	56	21	35	706182.27098	706182.42831	-0.15733	0.10000	0.00000	706182.43707	-0.16609	0.5000
8733:	57	22	35	56	21	36	706182.27098	706182.44583	-0.17485	0.10000	0.00000	706182.43707	-0.16609	0.5000
8734:	99	20	80	98	20	79	706188.56576	706188.83084	-0.26508	0.10000	0.00000			
8735:	62	20	43	61	19	42	706640.15233	706640.14781	0.00452	0.10000	0.00000			

8736:	62	20	42	61	19	43	706714.62079	706713.93612	0.68467	0.10000	0.00000	0.00000	707683.60392	-0.05202	0.5000
8737:	55	23	33	54	22	32	707683.55190	707683.60382	-0.05191	0.10000	0.00000	0.00000	707683.60392	-0.05202	0.5000
8738:	55	23	32	54	22	33	707683.55190	707683.60402	-0.05212	0.10000	0.00000	0.00000	707683.60392	-0.05202	0.5000
8739:	98	32	66	97	32	65	707715.79921	707715.79224	0.00697	0.10000	0.00000	0.00000	707715.78731	0.01190	0.5000
8740:	98	32	67	97	32	66	707715.79921	707715.78238	0.01683	0.10000	0.00000	0.00000	707715.78731	0.01190	0.5000
8741:	98	21	78	97	21	77	707733.97348	707734.02225	-0.04877	0.10000	0.00000	0.00000			
8742:	98	20	78	97	20	77	708274.82805	708275.07668	-0.24863	0.10000	0.00000	0.00000			
8743:	93	22	71	92	22	70	708345.55774	708345.61705	-0.05931	0.10000	0.00000	0.00000			
8744:	96	25	72	95	25	71	708463.36949	708463.09657	0.27292	0.10000	0.00000	0.00000			
8745:	96	23	74	95	23	73	708578.59254	708578.63870	-0.04616	0.10000	0.00000	0.00000			
8746:	53	24	30	52	23	29	708727.38828	708727.37404	0.01424	0.10000	0.00000	0.00000	708727.37404	0.01424	0.5000
8747:	53	24	29	52	23	30	708727.38828	708727.37404	0.01424	0.10000	0.00000	0.00000	708727.37404	0.01424	0.5000
8748:	98	31	68	97	31	67	709252.75859	709252.94250	-0.18391	0.10000	0.00000	0.00000			
8749:	98	31	67	97	31	66	709253.21421	709253.04423	0.16998	0.10000	0.00000	0.00000			
8750:	51	25	26	50	24	27	709467.87493	709468.01746	-0.14253	0.10000	0.00000	0.00000	709468.01746	-0.14253	0.5000
8751:	51	25	27	50	24	26	709467.87493	709468.01746	-0.14253	0.10000	0.00000	0.00000	709468.01746	-0.14253	0.5000
8752:	105	14	91	104	14	90	709703.32550	709703.11287	0.21263	0.10000	0.00000	0.00000	709703.11287	0.21263	0.2500
8753:	105	15	91	104	14	90	709703.32550	709703.11289	0.21261	0.10000	0.00000	0.00000	709703.11287	0.21263	0.2500
8754:	105	15	91	104	15	90	709703.32550	709703.11286	0.21264	0.10000	0.00000	0.00000	709703.11287	0.21263	0.2500
8755:	105	14	91	104	15	90	709703.32550	709703.11284	0.21266	0.10000	0.00000	0.00000	709703.11287	0.21263	0.2500
8756:	106	14	93	105	13	92	709729.27291	709729.25492	0.01798	0.10000	0.00000	0.00000	709729.25492	0.01798	0.2500
8757:	106	14	93	105	14	92	709729.27291	709729.25492	0.01798	0.10000	0.00000	0.00000	709729.25492	0.01798	0.2500
8758:	106	13	93	105	13	92	709729.27291	709729.25492	0.01798	0.10000	0.00000	0.00000	709729.25492	0.01798	0.2500
8759:	106	13	93	105	14	92	709729.27291	709729.25492	0.01799	0.10000	0.00000	0.00000	709729.25492	0.01798	0.2500
8760:	104	16	89	103	16	88	709767.91280	709767.68835	0.22445	0.10000	0.00000	0.00000	709767.68854	0.22426	0.2500
8761:	104	15	89	103	15	88	709767.91280	709767.68873	0.22407	0.10000	0.00000	0.00000	709767.68854	0.22426	0.2500
8762:	104	16	89	103	15	88	709767.91280	709767.68922	0.22358	0.10000	0.00000	0.00000	709767.68854	0.22426	0.2500
8763:	104	15	89	103	16	88	709767.91280	709767.68786	0.22494	0.10000	0.00000	0.00000	709767.68854	0.22426	0.2500
8764:	49	26	24	48	25	23	710003.62786	710003.63723	-0.00937	0.10000	0.00000	0.00000	710003.63723	-0.00937	0.5000
8765:	49	26	23	48	25	24	710003.62786	710003.63723	-0.00937	0.10000	0.00000	0.00000	710003.63723	-0.00937	0.5000
8766:	47	27	20	46	26	21	710399.04558	710399.03365	0.01193	0.10000	0.00000	0.00000	710399.03365	0.01193	0.5000
8767:	47	27	21	46	26	20	710399.04558	710399.03365	0.01193	0.10000	0.00000	0.00000	710399.03365	0.01193	0.5000
8768:	99	36	63	98	36	62	710525.83169	710525.90916	-0.07746	0.10000	0.00000	0.00000	710525.90915	-0.07746	0.5000
8769:	99	36	64	98	36	63	710525.83169	710525.90915	-0.07746	0.10000	0.00000	0.00000	710525.90915	-0.07746	0.5000
8770:	45	28	18	44	27	17	710698.19448	710698.11661	0.07787	0.10000	0.00000	0.00000	710698.11661	0.07787	0.5000
8771:	45	28	17	44	27	18	710698.19448	710698.11661	0.07787	0.10000	0.00000	0.00000	710698.11661	0.07787	0.5000
8772:	43	29	14	42	28	15	710931.19043	710931.14543	0.04501	0.10000	0.00000	0.00000	710931.14543	0.04501	0.5000
8773:	43	29	15	42	28	14	710931.19043	710931.14543	0.04501	0.10000	0.00000	0.00000	710931.14543	0.04501	0.5000
8774:	41	30	12	40	29	11	711119.17852	711119.18621	-0.00769	0.10000	0.00000	0.00000	711119.18621	-0.00769	0.5000
8775:	41	30	11	40	29	12	711119.17852	711119.18621	-0.00769	0.10000	0.00000	0.00000	711119.18621	-0.00769	0.5000
8776:	39	31	8	38	30	9	711276.91986	711276.97311	-0.05326	0.10000	0.00000	0.00000	711276.97311	-0.05326	0.5000
8777:	39	31	9	38	30	8	711276.91986	711276.97311	-0.05326	0.10000	0.00000	0.00000	711276.97311	-0.05326	0.5000
8778:	37	32	6	36	31	5	711414.83086	711414.80573	0.02513	0.10000	0.00000	0.00000	711414.80573	0.02513	0.5000
8779:	37	32	5	36	31	6	711414.83086	711414.80573	0.02513	0.10000	0.00000	0.00000	711414.80573	0.02513	0.5000
8780:	35	33	2	34	32	3	711539.66830	711539.83994	-0.17164	0.10000	0.00000	0.00000	711539.83994	-0.17164	0.5000
8781:	35	33	3	34	32	2	711539.66830	711539.83994	-0.17164	0.10000	0.00000	0.00000	711539.83994	-0.17164	0.5000
8782:	94	22	72	93	22	71	714405.05652	714404.91805	0.13848	0.10000	0.00000	0.00000	714404.87598	0.18054	0.5000
8783:	94	23	71	93	23	70	714405.05652	714404.83392	0.22260	0.10000	0.00000	0.00000	714404.87598	0.18054	0.5000
8784:	56	23	33	55	22	34	714440.36665	714440.41023	-0.04358	0.10000	0.00000	0.00000	714440.40999	-0.04334	0.5000

8785:	56	23	34	55	22	33	714440.36665	714440.40976	-0.04311	0.10000	0.00000	714440.40999	-0.04334	0.5000
8786:	54	24	31	53	23	30	715572.29704	715572.19999	0.09705	0.10000	0.00000	715572.19999	0.09704	0.5000
8787:	54	24	30	53	23	31	715572.29704	715572.20000	0.09704	0.10000	0.00000	715572.19999	0.09704	0.5000
8788:	52	25	27	51	24	28	716374.40590	716374.58182	-0.17591	0.10000	0.00000	716374.58182	-0.17591	0.5000
8789:	52	25	28	51	24	27	716374.40590	716374.58182	-0.17591	0.10000	0.00000	716374.58182	-0.17591	0.5000
8790:	50	26	25	49	25	24	716954.29969	716954.10391	0.19578	0.10000	0.00000	716954.10391	0.19578	0.5000
8791:	50	26	24	49	25	25	716954.29969	716954.10391	0.19578	0.10000	0.00000	716954.10391	0.19578	0.5000
8792:	48	27	21	47	26	22	717380.97191	717380.90029	0.07161	0.10000	0.00000	717380.90029	0.07161	0.5000
8793:	48	27	22	47	26	21	717380.97191	717380.90029	0.07161	0.10000	0.00000	717380.90029	0.07161	0.5000
8794:	46	28	19	45	27	18	717702.49931	717702.42532	0.07399	0.10000	0.00000	717702.42532	0.07399	0.5000
8795:	46	28	18	45	27	19	717702.49931	717702.42532	0.07399	0.10000	0.00000	717702.42532	0.07399	0.5000
8796:	44	29	16	43	28	15	717951.62468	717951.38429	0.24039	0.10000	0.00000	717951.38429	0.24039	0.5000
8797:	44	29	15	43	28	16	717951.62468	717951.38429	0.24039	0.10000	0.00000	717951.38429	0.24039	0.5000
8798:	42	30	12	41	29	13	718150.63923	718150.57983	0.05940	0.10000	0.00000	718150.57983	0.05940	0.5000
8799:	42	30	13	41	29	12	718150.63923	718150.57983	0.05940	0.10000	0.00000	718150.57983	0.05940	0.5000
8800:	40	31	10	39	30	9	718315.92498	718316.00552	-0.08054	0.10000	0.00000	718316.00552	-0.08054	0.5000
8801:	40	31	9	39	30	10	718315.92498	718316.00552	-0.08054	0.10000	0.00000	718316.00552	-0.08054	0.5000
8802:	38	32	6	37	31	7	718458.76013	718458.88916	-0.12904	0.10000	0.00000	718458.88916	-0.12904	0.5000
8803:	38	32	7	37	31	6	718458.76013	718458.88916	-0.12904	0.10000	0.00000	718458.88916	-0.12904	0.5000
8804:	36	33	4	35	32	3	718586.86323	718587.07901	-0.21578	0.10000	0.00000	718587.07901	-0.21578	0.5000
8805:	36	33	3	35	32	4	718586.86323	718587.07901	-0.21578	0.10000	0.00000	718587.07901	-0.21578	0.5000
8806:	34	34	0	33	33	1	718705.97503	718706.00439	-0.02935	0.10000	0.00000	718706.00439	-0.02935	0.5000
8807:	34	34	1	33	33	0	718705.97503	718706.00439	-0.02935	0.10000	0.00000	718706.00439	-0.02935	0.5000
8808:	59	22	37	58	21	38	719403.21048	719403.24764	-0.03716	0.10000	0.00000	719403.20951	0.00097	0.5000
8809:	59	22	38	58	21	37	719403.21048	719403.17139	0.03909	0.10000	0.00000	719403.20951	0.00097	0.5000
8810:	95	22	73	94	22	72	719566.13609	719566.50674	-0.37065	0.10000	0.00000	719566.50674	-0.37065	0.5000
8811:	57	23	34	56	22	35	721172.29983	721171.93067	0.36916	0.10000	0.00000	721171.93014	0.36968	0.5000
8812:	57	23	35	56	22	34	721172.29983	721171.92962	0.37021	0.10000	0.00000	721171.93014	0.36968	0.5000
8813:	55	24	31	54	23	32	722398.30307	722398.42933	-0.12627	0.10000	0.00000	722398.42933	-0.12626	0.5000
8814:	55	24	32	54	23	31	722398.30307	722398.42932	-0.12626	0.10000	0.00000	722398.42933	-0.12626	0.5000
8815:	53	25	29	52	24	28	723267.06331	723267.18707	-0.12376	0.10000	0.00000	723267.18707	-0.12376	0.5000
8816:	53	25	28	52	24	29	723267.06331	723267.18707	-0.12376	0.10000	0.00000	723267.18707	-0.12376	0.5000
8817:	51	26	26	50	25	25	723894.01162	723893.96237	0.04925	0.10000	0.00000	723893.96237	0.04925	0.5000
8818:	51	26	25	50	25	26	723894.01162	723893.96237	0.04925	0.10000	0.00000	723893.96237	0.04925	0.5000
8819:	49	27	23	48	26	22	724354.72593	724354.64953	0.07640	0.10000	0.00000	724354.64953	0.07640	0.5000
8820:	49	27	22	48	26	23	724354.72593	724354.64953	0.07640	0.10000	0.00000	724354.64953	0.07640	0.5000
8821:	47	28	20	46	27	19	724700.71061	724700.50426	0.20635	0.10000	0.00000	724700.50426	0.20635	0.5000
8822:	47	28	19	46	27	20	724700.71061	724700.50426	0.20635	0.10000	0.00000	724700.50426	0.20635	0.5000
8823:	45	29	16	44	28	17	724966.81209	724966.84233	-0.03025	0.10000	0.00000	724966.84233	-0.03025	0.5000
8824:	45	29	17	44	28	16	724966.81209	724966.84233	-0.03025	0.10000	0.00000	724966.84233	-0.03025	0.5000
8825:	43	30	14	42	29	13	725178.27650	725178.31348	-0.03698	0.10000	0.00000	725178.31348	-0.03698	0.5000
8826:	43	30	13	42	29	14	725178.27650	725178.31348	-0.03698	0.10000	0.00000	725178.31348	-0.03698	0.5000
8827:	41	31	11	40	30	10	725352.21362	725352.24815	-0.03452	0.10000	0.00000	725352.24815	-0.03452	0.5000
8828:	41	31	10	40	30	11	725352.21362	725352.24815	-0.03452	0.10000	0.00000	725352.24815	-0.03452	0.5000
8829:	39	32	7	38	31	8	725500.75975	725500.85838	-0.09864	0.10000	0.00000	725500.85838	-0.09864	0.5000
8830:	39	32	8	38	31	7	725500.75975	725500.85838	-0.09864	0.10000	0.00000	725500.85838	-0.09864	0.5000
8831:	37	33	5	36	32	4	725632.79149	725632.72638	0.06511	0.10000	0.00000	725632.72638	0.06511	0.5000
8832:	35	34	2	34	33	1	725753.83429	725753.83393	0.00036	0.10000	0.00000	725753.83393	0.00036	0.5000
8833:	35	34	1	34	33	2	725753.83429	725753.83393	0.00036	0.10000	0.00000	725753.83393	0.00036	0.5000

8834:	60	22	38	59	21	39	725957.73360	725957.84133	-0.10773	0.10000	0.00000	0.00000	-0.00999	0.5000
8835:	52	15	38	51	13	39	727718.78172	727718.91788	-0.13616	0.10000	0.00000	0.00000	-0.00999	0.5000
8836:	58	23	35	57	22	36	727876.52410	727876.53524	-0.01114	0.10000	0.00000	727876.53409	-0.00999	0.5000
8837:	58	23	36	57	22	35	727876.52410	727876.53294	-0.00883	0.10000	0.00000	727876.53409	-0.00999	0.5000
8838:	56	24	32	55	23	33	729204.86276	729204.91489	-0.05213	0.10000	0.00000	729204.91488	-0.05212	0.5000
8839:	56	24	33	55	23	32	729204.86276	729204.91487	-0.05211	0.10000	0.00000	729204.91488	-0.05212	0.5000
8840:	54	25	30	53	24	29	730145.13305	730144.98101	0.15204	0.10000	0.00000	730144.98101	0.15204	0.5000
8841:	54	25	30	53	24	30	730145.13305	730144.98101	0.15204	0.10000	0.00000	730144.98101	0.15204	0.5000
8842:	52	26	27	51	25	26	730822.50611	730822.55539	-0.04928	0.10000	0.00000	730822.55539	-0.04928	0.5000
8843:	52	26	26	51	25	27	730822.50611	730822.55539	-0.04928	0.10000	0.00000	730822.55539	-0.04928	0.5000
8844:	50	27	23	49	26	24	731319.85109	731319.76118	0.08991	0.10000	0.00000	731319.76118	0.08991	0.5000
8845:	50	27	24	49	26	23	731319.85109	731319.76118	0.08991	0.10000	0.00000	731319.76118	0.08991	0.5000
8846:	48	28	20	47	27	21	731691.96632	731691.93425	0.03207	0.10000	0.00000	731691.93425	0.03207	0.5000
8847:	48	28	21	47	27	20	731691.96632	731691.93425	0.03207	0.10000	0.00000	731691.93425	0.03207	0.5000
8848:	46	29	17	45	28	18	731977.27351	731977.17766	0.09585	0.10000	0.00000	731977.17766	0.09585	0.5000
8849:	46	29	18	45	28	17	731977.27351	731977.17766	0.09585	0.10000	0.00000	731977.17766	0.09585	0.5000
8850:	44	30	15	43	29	14	732202.11896	732202.10617	0.01279	0.10000	0.00000	732202.10617	0.01279	0.5000
8851:	44	30	14	43	29	15	732202.11896	732202.10617	0.01279	0.10000	0.00000	732202.10617	0.01279	0.5000
8852:	42	31	12	41	30	11	732385.39508	732385.46911	-0.07403	0.10000	0.00000	732385.46911	-0.07403	0.5000
8853:	42	31	11	41	30	12	732385.39508	732385.46911	-0.07403	0.10000	0.00000	732385.46911	-0.07403	0.5000
8854:	61	22	40	60	21	39	732471.31760	732471.37183	-0.05423	0.10000	0.00000	732385.46911	-0.07403	0.5000
8855:	61	22	39	60	21	40	732471.75289	732471.68310	0.06979	0.10000	0.00000	732385.46911	-0.07403	0.5000
8856:	40	32	9	39	31	8	732540.53473	732540.52177	0.01295	0.10000	0.00000	732540.52177	0.01295	0.5000
8857:	40	32	8	39	31	9	732540.53473	732540.52177	0.01295	0.10000	0.00000	732540.52177	0.01295	0.5000
8858:	38	33	6	37	32	5	732676.58979	732676.62395	-0.03416	0.10000	0.00000	732676.62395	-0.03416	0.5000
8859:	38	33	5	37	32	6	732676.58979	732676.62395	-0.03416	0.10000	0.00000	732676.62395	-0.03416	0.5000
8860:	36	34	3	35	33	2	732800.25777	732800.34292	-0.08516	0.10000	0.00000	732800.34292	-0.08516	0.5000
8861:	36	34	2	35	33	3	732800.25777	732800.34292	-0.08516	0.10000	0.00000	732800.34292	-0.08516	0.5000
8862:	97	24	73	96	24	72	734428.06996	734428.59552	-0.52556	0.10000	0.00000	732800.34292	-0.08516	0.5000
8863:	59	23	37	58	22	36	734552.37953	734552.47674	-0.09721	0.10000	0.00000	734552.47923	-0.09971	0.5000
8864:	59	23	36	58	22	37	734552.37953	734552.48173	-0.10220	0.10000	0.00000	734552.47923	-0.09971	0.5000
8865:	57	24	33	56	23	34	735990.65678	735990.44440	0.21237	0.10000	0.00000	735990.44438	0.21240	0.5000
8866:	57	24	34	56	23	33	735990.65678	735990.44435	0.21243	0.10000	0.00000	735990.44438	0.21240	0.5000
8867:	55	25	30	54	24	31	737007.03050	737007.06992	-0.03942	0.10000	0.00000	737007.06992	-0.03942	0.5000
8868:	55	25	31	54	24	30	737007.03050	737007.06992	-0.03942	0.10000	0.00000	737007.06992	-0.03942	0.5000
8869:	53	26	27	52	25	28	737739.20652	737739.19724	0.00928	0.10000	0.00000	737739.19724	0.00928	0.5000
8870:	53	26	28	52	25	27	737739.20652	737739.19724	0.00928	0.10000	0.00000	737739.19724	0.00928	0.5000
8871:	51	27	24	50	26	25	738275.93486	738275.69418	0.24068	0.10000	0.00000	738275.69418	0.24068	0.5000
8872:	51	27	25	50	26	24	738275.93486	738275.69418	0.24068	0.10000	0.00000	738275.69418	0.24068	0.5000
8873:	49	28	22	48	27	21	738676.49463	738676.28004	0.21458	0.10000	0.00000	738676.28004	0.21458	0.5000
8874:	49	28	21	48	27	22	738676.49463	738676.28004	0.21458	0.10000	0.00000	738676.28004	0.21458	0.5000
8875:	47	29	19	46	28	18	738982.05619	738982.03546	0.02074	0.10000	0.00000	738982.03546	0.02074	0.5000
8876:	47	29	18	46	28	19	738982.05619	738982.03546	0.02074	0.10000	0.00000	738982.03546	0.02074	0.5000
8877:	45	30	15	44	29	16	739221.71179	739221.66617	0.04563	0.10000	0.00000	739221.66617	0.04563	0.5000
8878:	45	30	16	44	29	15	739221.71179	739221.66617	0.04563	0.10000	0.00000	739221.66617	0.04563	0.5000
8879:	43	31	12	42	30	13	739415.37869	739415.42733	-0.04865	0.10000	0.00000	739415.37823	0.00045	0.2500
8880:	43	31	13	42	30	12	739415.37869	739415.42733	-0.04865	0.10000	0.00000	739415.37823	0.00045	0.2500
8881:	42	27	15	42	25	18	739415.37869	739415.32913	0.04956	0.10000	0.00000	739415.37823	0.00045	0.2500
8882:	42	27	16	42	25	17	739415.37869	739415.32913	0.04956	0.10000	0.00000	739415.37823	0.00045	0.2500

8883:	41	32	10	40	31	9	739577.62651	739577.67971	-0.05319	0.10000	0.00000	739577.67971	-0.05319	0.5000
8884:	41	32	9	40	31	10	739577.62651	739577.67971	-0.05319	0.10000	0.00000	739577.67971	-0.05319	0.5000
8885:	39	33	7	38	32	6	739718.33394	739718.60650	-0.27256	0.10000	0.00000	739718.60650	-0.27256	0.5000
8886:	39	33	6	38	32	7	739718.33394	739718.60650	-0.27256	0.10000	0.00000	739718.60650	-0.27256	0.5000
8887:	37	34	3	36	33	4	739845.32887	739845.39504	-0.06617	0.10000	0.00000	739845.39504	-0.06617	0.5000
8888:	37	34	4	36	33	3	739845.32887	739845.39504	-0.06617	0.10000	0.00000	739845.39504	-0.06617	0.5000
8889:	35	35	0	34	34	1	739962.76369	739963.06606	-0.30237	0.10000	0.00000	739963.06606	-0.30237	0.5000
8890:	35	35	1	34	34	0	739962.76369	739963.06606	-0.30237	0.10000	0.00000	739963.06606	-0.30237	0.5000
8891:	60	23	38	59	22	37	741197.89515	741197.89306	0.00208	0.10000	0.00000	741197.89306	-0.00323	0.5000
8892:	60	23	37	59	22	38	741197.89515	741197.90368	-0.00854	0.10000	0.00000	741197.90368	-0.00323	0.5000
8893:	58	24	35	57	23	34	742754.04065	742753.73464	0.30601	0.10000	0.00000	742753.73470	0.30595	0.5000
8894:	58	24	34	57	23	35	742754.04065	742753.73477	0.30588	0.10000	0.00000	742753.73470	0.30595	0.5000
8895:	56	25	31	55	24	32	743852.59314	743852.51564	0.07750	0.10000	0.00000	743852.51564	0.07750	0.5000
8896:	56	25	32	55	24	31	743852.59314	743852.51564	0.07750	0.10000	0.00000	743852.51564	0.07750	0.5000
8897:	54	26	28	53	25	29	744643.02830	744643.17201	-0.14370	0.10000	0.00000	744643.17201	-0.14370	0.5000
8898:	54	26	29	53	25	28	744643.02830	744643.17201	-0.14370	0.10000	0.00000	744643.17201	-0.14370	0.5000
8899:	52	27	25	51	26	26	745221.95009	745221.88568	0.06441	0.10000	0.00000	745221.88568	0.06441	0.5000
8900:	52	27	26	51	26	25	745221.95009	745221.88568	0.06441	0.10000	0.00000	745221.88568	0.06441	0.5000
8901:	50	28	22	49	27	23	745653.17563	745653.08976	0.08587	0.10000	0.00000	745653.08976	0.08587	0.5000
8902:	50	28	23	49	27	22	745653.17563	745653.08976	0.08587	0.10000	0.00000	745653.08976	0.08587	0.5000
8903:	48	29	19	47	28	20	745981.14048	745981.04769	0.09279	0.10000	0.00000	745981.04769	0.09279	0.5000
8904:	48	29	20	47	28	19	745981.14048	745981.04769	0.09279	0.10000	0.00000	745981.04769	0.09279	0.5000
8905:	46	30	16	45	29	17	746236.86405	746236.69080	0.17325	0.10000	0.00000	746236.69080	0.17325	0.5000
8906:	46	30	17	45	29	16	746236.86405	746236.69080	0.17325	0.10000	0.00000	746236.69080	0.17325	0.5000
8907:	44	31	14	43	30	13	746441.78279	746441.87244	-0.08965	0.10000	0.00000	746441.87244	-0.08965	0.5000
8908:	44	31	13	43	30	14	746441.78279	746441.87244	-0.08965	0.10000	0.00000	746441.87244	-0.08965	0.5000
8909:	42	32	11	41	31	10	746612.13188	746612.12448	0.00740	0.10000	0.00000	746612.12448	0.00740	0.5000
8910:	42	32	10	41	31	11	746612.13188	746612.12448	0.00740	0.10000	0.00000	746612.12448	0.00740	0.5000
8911:	40	33	7	39	32	8	746758.48570	746758.50168	-0.01599	0.10000	0.00000	746758.50168	-0.01599	0.5000
8912:	40	33	8	39	32	7	746758.48570	746758.50168	-0.01599	0.10000	0.00000	746758.50168	-0.01599	0.5000
8913:	38	34	5	37	33	4	746888.72498	746888.84756	-0.12258	0.10000	0.00000	746888.84756	-0.12258	0.5000
8914:	38	34	4	37	33	5	746888.72498	746888.84756	-0.12258	0.10000	0.00000	746888.84756	-0.12258	0.5000
8915:	36	35	1	35	34	2	747008.81409	747008.68113	0.13296	0.10000	0.00000	747008.68113	0.13296	0.5000
8916:	36	35	2	35	34	1	747008.81409	747008.68113	0.13296	0.10000	0.00000	747008.68113	0.13296	0.5000
8917:	61	23	39	60	22	38	747810.93469	747810.77445	0.16024	0.10000	0.00000	747810.77445	0.16024	0.5000
8918:	59	24	35	58	23	36	749493.62080	749493.42553	0.19527	0.10000	0.00000	749493.42538	0.19542	0.5000
8919:	59	24	36	58	23	35	749493.62080	749493.42524	0.19556	0.10000	0.00000	749493.42538	0.19542	0.5000
8920:	57	25	33	56	24	32	750680.53767	750680.33219	0.20549	0.10000	0.00000	750680.33219	0.20549	0.5000
8921:	57	25	32	56	24	33	750680.53767	750680.33219	0.20549	0.10000	0.00000	750680.33219	0.20549	0.5000
8922:	55	26	29	54	25	30	751533.81327	751533.73178	0.08149	0.10000	0.00000	751533.73178	0.08149	0.5000
8923:	55	26	30	54	25	29	751533.81327	751533.73178	0.08149	0.10000	0.00000	751533.73178	0.08149	0.5000
8924:	53	27	27	52	26	26	752157.70122	752157.74993	-0.04871	0.10000	0.00000	752157.74993	-0.04871	0.5000
8925:	53	27	26	52	26	27	752157.70122	752157.74993	-0.04871	0.10000	0.00000	752157.74993	-0.04871	0.5000
8926:	51	28	24	50	27	23	752622.08074	752621.89423	0.18650	0.10000	0.00000	752621.89423	0.18650	0.5000
8927:	51	28	23	50	27	24	752622.08074	752621.89423	0.18650	0.10000	0.00000	752621.89423	0.18650	0.5000
8928:	45	31	15	44	30	14	753464.48584	753464.54462	-0.05878	0.10000	0.00000	753464.54462	-0.05878	0.5000
8929:	45	31	14	44	30	15	753464.48584	753464.54462	-0.05878	0.10000	0.00000	753464.54462	-0.05878	0.5000
8930:	43	32	12	42	31	11	753643.56870	753643.64023	-0.07153	0.10000	0.00000	753643.64023	-0.07153	0.5000
8931:	43	32	11	42	31	12	753643.56870	753643.64023	-0.07153	0.10000	0.00000	753643.64023	-0.07153	0.5000

8932:	41	33	9	40	32	8	753795.98086	753796.12994	-0.14908	0.10000	0.00000	753796.12994	-0.14908	0.5000
8933:	41	33	8	40	32	9	753795.98086	753796.12994	-0.14908	0.10000	0.00000	753796.12994	-0.14908	0.5000
8934:	39	34	6	38	33	5	753930.36974	753930.55133	-0.18159	0.10000	0.00000	753930.55133	-0.18159	0.5000
8935:	39	34	5	38	33	6	753930.36974	753930.55133	-0.18159	0.10000	0.00000	753930.55133	-0.18159	0.5000
8936:	37	35	3	36	34	2	754052.96514	754052.95062	0.01452	0.10000	0.00000	754052.95062	0.01452	0.5000
8937:	37	35	2	36	34	3	754052.96514	754052.95062	0.01452	0.10000	0.00000	754052.95062	0.01452	0.5000
8938:	62	23	40	61	22	39	754389.01879	754388.95685	0.06194	0.10000	0.00000	754388.95685	0.06194	0.5000
8939:	60	24	36	59	23	37	756208.25764	756208.07156	0.18607	0.10000	0.00000	756208.07156	0.18607	0.5000
8940:	60	24	37	59	23	36	756208.25764	756208.07092	0.18672	0.10000	0.00000	756208.07124	0.18640	0.5000
8941:	58	25	34	57	24	33	757489.60363	757489.48207	0.12155	0.10000	0.00000	757489.48208	0.12155	0.5000
8942:	58	25	33	57	24	34	757489.60363	757489.48208	0.12155	0.10000	0.00000	757489.48208	0.12155	0.5000
8943:	56	26	30	55	25	31	758410.20790	758410.09461	0.11329	0.10000	0.00000	758410.09461	0.11329	0.5000
8944:	56	26	31	55	25	30	758410.20790	758410.09461	0.11329	0.10000	0.00000	758410.09461	0.11329	0.5000
8945:	54	27	27	53	26	28	759082.81092	759082.67713	0.13378	0.10000	0.00000	759082.67713	0.13378	0.5000
8946:	54	27	28	53	26	27	759082.81092	759082.67713	0.13378	0.10000	0.00000	759082.67713	0.13378	0.5000
8947:	52	28	24	51	27	25	759581.67060	759582.20634	-0.53574	0.10000	0.00000	759582.20634	-0.53574	0.5000
8948:	52	28	25	51	27	24	759581.67060	759582.20634	-0.53574	0.10000	0.00000	759582.20634	-0.53574	0.5000
8949:	50	29	21	49	28	22	759959.85329	759959.99453	-0.14124	0.10000	0.00000	759959.99453	-0.14124	0.5000
8950:	50	29	22	49	28	21	759959.85329	759959.99453	-0.14124	0.10000	0.00000	759959.99453	-0.14124	0.5000
8951:	48	30	18	47	29	19	760251.83018	760251.86709	-0.03691	0.10000	0.00000	760251.86709	-0.03691	0.5000
8952:	48	30	19	47	29	18	760251.83018	760251.86709	-0.03691	0.10000	0.00000	760251.86709	-0.03691	0.5000
8953:	46	31	15	45	30	16	760483.04572	760483.17442	-0.12870	0.10000	0.00000	760483.17442	-0.12870	0.5000
8954:	46	31	16	45	30	15	760483.04572	760483.17442	-0.12870	0.10000	0.00000	760483.17442	-0.12870	0.5000
8955:	44	32	13	43	31	12	760672.10177	760672.00278	0.09899	0.10000	0.00000	760672.00278	0.09899	0.5000
8956:	44	32	12	43	31	13	760672.10177	760672.00278	0.09899	0.10000	0.00000	760672.00278	0.09899	0.5000
8957:	42	33	9	41	32	10	760831.51115	760831.30446	0.20670	0.10000	0.00000	760831.30446	0.20670	0.5000
8958:	42	33	10	41	32	9	760831.51115	760831.30446	0.20670	0.10000	0.00000	760831.30446	0.20670	0.5000
8959:	63	23	41	62	22	40	760929.95899	760930.09927	-0.14028	0.10000	0.00000	760930.14579	-0.18681	0.5000
8960:	63	23	40	62	22	41	760929.95899	760930.19232	-0.23333	0.10000	0.00000	760930.14579	-0.18681	0.5000
8961:	40	34	7	39	33	6	760970.13712	760970.35072	-0.21359	0.10000	0.00000	760970.35072	-0.21359	0.5000
8962:	40	34	6	39	33	7	760970.13712	760970.35072	-0.21359	0.10000	0.00000	760970.35072	-0.21359	0.5000
8963:	38	35	3	37	34	4	761095.26700	761095.74522	-0.47822	0.10000	0.00000	761095.74522	-0.47822	0.5000
8964:	38	35	4	37	34	3	761095.26700	761095.74522	-0.47822	0.10000	0.00000	761095.74522	-0.47822	0.5000
8965:	36	36	0	35	35	1	761211.75766	761212.14358	-0.38592	0.10000	0.00000	761212.14358	-0.38592	0.5000
8966:	36	36	1	35	35	0	761211.75766	761212.14358	-0.38592	0.10000	0.00000	761212.14358	-0.38592	0.5000
8967:	61	24	38	60	23	37	762896.10403	762896.13335	-0.02933	0.10000	0.00000	762896.13406	-0.03003	0.5000
8968:	61	24	37	60	23	38	762896.10403	762896.13476	-0.03073	0.10000	0.00000	762896.13406	-0.03003	0.5000
8969:	59	25	34	58	24	35	764279.22867	764278.87218	0.35649	0.10000	0.00000	764278.87217	0.35650	0.5000
8970:	59	25	35	58	24	34	764279.22867	764278.87216	0.35651	0.10000	0.00000	764278.87217	0.35650	0.5000
8971:	57	26	32	56	25	31	765271.57062	765271.44229	0.12834	0.10000	0.00000	765271.44229	0.12834	0.5000
8972:	57	26	31	56	25	32	765271.57062	765271.44229	0.12834	0.10000	0.00000	765271.44229	0.12834	0.5000
8973:	55	27	29	54	26	28	765996.14032	765996.03216	0.10816	0.10000	0.00000	765996.03216	0.10816	0.5000
8974:	55	27	28	54	26	29	765996.14032	765996.03216	0.10816	0.10000	0.00000	765996.03216	0.10816	0.5000
8975:	53	28	25	52	27	26	766533.50221	766533.52020	-0.01799	0.10000	0.00000	766533.52020	-0.01799	0.5000
8976:	53	28	26	52	27	25	766533.50221	766533.52020	-0.01799	0.10000	0.00000	766533.52020	-0.01799	0.5000
8977:	51	29	23	50	28	22	766939.42291	766939.12303	0.29988	0.10000	0.00000	766939.12303	0.29988	0.5000
8978:	51	29	22	50	28	23	766939.42291	766939.12303	0.29988	0.10000	0.00000	766939.12303	0.29988	0.5000
8979:	49	30	20	48	29	19	767251.30571	767251.35636	-0.05065	0.10000	0.00000	767251.35636	-0.05065	0.5000
8980:	49	30	19	48	29	20	767251.30571	767251.35636	-0.05065	0.10000	0.00000	767251.35636	-0.05065	0.5000

8981:	64	23	42	63	22	41	767431.56310	767431.65909	-0.09599	0.10000	0.00000	0.10000	0.00000	0.00000	0.32221	0.5000
8982:	64	23	41	63	22	42	767432.02372	767431.84523	0.17849	0.10000	0.00000	0.10000	0.00000	0.00000	0.32221	0.5000
8983:	47	31	16	46	30	17	767497.80481	767497.48260	0.32221	0.10000	0.00000	0.10000	0.00000	0.00000	0.32221	0.5000
8984:	47	31	17	46	30	16	767497.80481	767497.48260	0.32221	0.10000	0.00000	0.10000	0.00000	0.00000	-0.00767	0.5000
8985:	45	32	13	44	31	14	767696.97192	767696.97959	-0.00767	0.10000	0.00000	0.10000	0.00000	0.00000	-0.00767	0.5000
8986:	45	32	14	44	31	13	767696.97192	767696.97959	-0.00767	0.10000	0.00000	0.10000	0.00000	0.00000	-0.00767	0.5000
8987:	43	33	10	42	32	11	767863.92901	767863.83107	0.09794	0.10000	0.00000	0.10000	0.00000	0.00000	0.09794	0.5000
8988:	43	33	11	42	32	10	767863.92901	767863.83107	0.09794	0.10000	0.00000	0.10000	0.00000	0.00000	0.09794	0.5000
8989:	41	34	7	40	33	8	768007.72132	768008.08358	-0.36226	0.10000	0.00000	0.10000	0.00000	0.00000	-0.36226	0.5000
8990:	41	34	8	40	33	7	768007.72132	768008.08358	-0.36226	0.10000	0.00000	0.10000	0.00000	0.00000	-0.36226	0.5000
8991:	39	35	4	38	34	5	768136.68202	768136.92978	-0.24776	0.10000	0.00000	0.10000	0.00000	0.00000	-0.24776	0.5000
8992:	39	35	5	38	34	4	768136.68202	768136.92978	-0.24776	0.10000	0.00000	0.10000	0.00000	0.00000	-0.24776	0.5000
8993:	37	36	1	36	35	2	768255.69902	768255.47624	0.22278	0.10000	0.00000	0.10000	0.00000	0.00000	0.22278	0.5000
8994:	37	36	2	36	35	1	768255.69902	768255.47624	0.22278	0.10000	0.00000	0.10000	0.00000	0.00000	0.22278	0.5000
8995:	62	24	39	61	23	38	769556.33440	769555.97156	0.36284	0.10000	0.00000	0.10000	0.00000	0.00000	0.36132	0.5000
8996:	62	24	38	61	23	39	769556.33440	769555.97459	0.35981	0.10000	0.00000	0.10000	0.00000	0.00000	0.36132	0.5000
8997:	60	25	35	59	24	36	771047.25723	771047.34904	-0.09181	0.10000	0.00000	0.10000	0.00000	0.00000	-0.09179	0.5000
8998:	60	25	36	59	24	35	771047.25723	771047.34900	-0.09178	0.10000	0.00000	0.10000	0.00000	0.00000	-0.09179	0.5000
8999:	58	26	32	57	25	33	772117.08251	772116.91782	0.16469	0.10000	0.00000	0.10000	0.00000	0.00000	0.16469	0.5000
9000:	58	26	33	57	25	32	772117.08251	772116.91782	0.16469	0.10000	0.00000	0.10000	0.00000	0.00000	0.16469	0.5000
9001:	56	27	30	55	26	29	772897.11292	772897.15315	-0.04022	0.10000	0.00000	0.10000	0.00000	0.00000	-0.04022	0.5000
9002:	56	27	29	55	26	30	772897.11292	772897.15315	-0.04022	0.10000	0.00000	0.10000	0.00000	0.00000	-0.04022	0.5000
9003:	54	28	26	53	27	27	773475.37340	773475.31036	0.06304	0.10000	0.00000	0.10000	0.00000	0.00000	0.06304	0.5000
9004:	54	28	27	53	27	26	773475.37340	773475.31036	0.06304	0.10000	0.00000	0.10000	0.00000	0.00000	0.06304	0.5000
9005:	52	29	23	51	28	24	773911.11401	773910.79278	0.32124	0.10000	0.00000	0.10000	0.00000	0.00000	0.32124	0.5000
9006:	52	29	24	51	28	23	773911.11401	773910.79278	0.32124	0.10000	0.00000	0.10000	0.00000	0.00000	0.32124	0.5000
9007:	50	30	21	49	29	20	774245.11023	774244.98489	0.12534	0.10000	0.00000	0.10000	0.00000	0.00000	0.12534	0.5000
9008:	50	30	20	49	29	21	774245.11023	774244.98489	0.12534	0.10000	0.00000	0.10000	0.00000	0.00000	0.12534	0.5000
9009:	48	31	17	47	30	18	774507.32206	774507.17991	0.14215	0.10000	0.00000	0.10000	0.00000	0.00000	0.14215	0.5000
9010:	48	31	18	47	30	17	774507.32206	774507.17991	0.14215	0.10000	0.00000	0.10000	0.00000	0.00000	0.14215	0.5000
9011:	46	32	15	45	31	14	774718.11458	774718.32959	-0.21501	0.10000	0.00000	0.10000	0.00000	0.00000	-0.21501	0.5000
9012:	46	32	14	45	31	15	774718.11458	774718.32959	-0.21501	0.10000	0.00000	0.10000	0.00000	0.00000	-0.21501	0.5000
9013:	44	33	11	43	32	12	774893.91171	774893.50820	0.40351	0.10000	0.00000	0.10000	0.00000	0.00000	0.40351	0.5000
9014:	44	33	12	43	32	11	774893.91171	774893.50820	0.40351	0.10000	0.00000	0.10000	0.00000	0.00000	0.40351	0.5000
9015:	42	34	9	41	33	8	775043.20677	775043.58122	-0.37445	0.10000	0.00000	0.10000	0.00000	0.00000	-0.37445	0.5000
9016:	42	34	8	41	33	9	775043.20677	775043.58122	-0.37445	0.10000	0.00000	0.10000	0.00000	0.00000	-0.37445	0.5000
9017:	40	35	6	39	34	5	775176.02734	775176.36326	-0.33592	0.10000	0.00000	0.10000	0.00000	0.00000	-0.33592	0.5000
9018:	40	35	5	39	34	6	775176.02734	775176.36326	-0.33592	0.10000	0.00000	0.10000	0.00000	0.00000	-0.33592	0.5000
9019:	38	36	3	37	35	2	775296.95158	775297.43731	-0.48572	0.10000	0.00000	0.10000	0.00000	0.00000	-0.48572	0.5000
9020:	38	36	2	37	35	3	775296.95158	775297.43731	-0.48572	0.10000	0.00000	0.10000	0.00000	0.00000	-0.48572	0.5000
9021:	63	24	40	62	23	39	776185.95393	776185.83416	0.12297	0.10000	0.00000	0.10000	0.00000	0.00000	0.11977	0.5000
9022:	63	24	39	62	23	40	776185.95393	776185.83416	0.11657	0.10000	0.00000	0.10000	0.00000	0.00000	0.11977	0.5000
9023:	61	25	37	60	24	36	777793.98897	777793.69365	0.29532	0.10000	0.00000	0.10000	0.00000	0.00000	0.29528	0.5000
9024:	61	25	36	60	24	37	777793.98897	777793.69373	0.29524	0.10000	0.00000	0.10000	0.00000	0.00000	0.29528	0.5000
9025:	59	26	34	58	25	33	778945.67974	778945.62274	0.05701	0.10000	0.00000	0.10000	0.00000	0.00000	0.05700	0.5000
9026:	59	26	33	58	25	34	778945.67974	778945.62274	0.05700	0.10000	0.00000	0.10000	0.00000	0.00000	0.05700	0.5000
9027:	57	27	30	56	26	31	779785.43575	779785.34990	0.08585	0.10000	0.00000	0.10000	0.00000	0.00000	0.08585	0.5000
9028:	57	27	31	56	26	30	779785.43575	779785.34990	0.08585	0.10000	0.00000	0.10000	0.00000	0.00000	0.08585	0.5000
9029:	66	23	43	65	22	44	780305.36049	780305.37378	-0.01329	0.10000	0.00000	0.10000	0.00000	0.00000	0.08585	0.5000

9030:	55	28	28	54	27	27	780407.03425	780407.03088	0.00336	0.10000	0.00000	780407.03088	0.00336	0.5000
9031:	55	28	27	54	27	28	780407.03425	780407.03088	0.00336	0.10000	0.00000	780407.03088	0.00336	0.5000
9032:	53	29	25	52	28	24	780874.60545	780874.56275	0.04270	0.10000	0.00000	780874.56275	0.04270	0.5000
9033:	53	29	24	52	28	25	780874.60545	780874.56275	0.04270	0.10000	0.00000	780874.56275	0.04270	0.5000
9034:	51	30	21	50	29	22	781232.23684	781232.39113	-0.15430	0.10000	0.00000	781232.39113	-0.15430	0.5000
9035:	51	30	22	50	29	21	781232.23684	781232.39113	-0.15430	0.10000	0.00000	781232.39113	-0.15430	0.5000
9036:	49	31	19	48	30	18	781512.27698	781511.96689	0.31009	0.10000	0.00000	781511.96689	0.31009	0.5000
9037:	49	31	18	48	30	19	781512.27698	781511.96689	0.31009	0.10000	0.00000	781511.96689	0.31009	0.5000
9038:	47	32	15	46	31	16	781735.88129	781735.80306	0.07823	0.10000	0.00000	781735.80306	0.07823	0.5000
9039:	47	32	16	46	31	15	781735.88129	781735.80306	0.07823	0.10000	0.00000	781735.80306	0.07823	0.5000
9040:	45	33	13	44	32	12	781920.04937	781920.12678	-0.07741	0.10000	0.00000	781920.12678	-0.07741	0.5000
9041:	45	33	12	44	32	13	781920.04937	781920.12678	-0.07741	0.10000	0.00000	781920.12678	-0.07741	0.5000
9042:	43	34	10	42	33	9	782076.38734	782076.66829	-0.28095	0.10000	0.00000	782076.66829	-0.28095	0.5000
9043:	43	34	9	42	33	10	782076.38734	782076.66829	-0.28095	0.10000	0.00000	782076.66829	-0.28095	0.5000
9044:	41	35	6	40	34	7	782214.20088	782213.89869	0.30219	0.10000	0.00000	782213.89869	0.30219	0.5000
9045:	41	35	7	40	34	6	782214.20088	782213.89869	0.30219	0.10000	0.00000	782213.89869	0.30219	0.5000
9046:	39	36	3	38	35	4	782337.57427	782337.90389	-0.32963	0.10000	0.00000	782337.90389	-0.32963	0.5000
9047:	39	36	4	38	35	3	782337.57427	782337.90389	-0.32963	0.10000	0.00000	782337.90389	-0.32963	0.5000
9048:	37	37	1	36	36	0	782453.05832	782453.01206	0.04625	0.10000	0.00000	782453.01206	0.04625	0.5000
9049:	37	37	0	36	36	1	782453.05832	782453.01206	0.04625	0.10000	0.00000	782453.01206	0.04625	0.5000
9050:	62	25	37	61	24	38	784516.58128	784516.61596	-0.03468	0.10000	0.00000	784516.61596	-0.03468	0.5000
9051:	62	25	38	61	24	37	784516.58128	784516.61596	-0.03468	0.10000	0.00000	784516.61596	-0.03468	0.5000
9052:	60	26	34	59	25	35	785756.82014	785756.61399	0.20616	0.10000	0.00000	785756.61399	0.20616	0.5000
9053:	60	26	35	59	25	34	785756.82014	785756.61399	0.20616	0.10000	0.00000	785756.61399	0.20616	0.5000
9054:	58	27	31	57	26	32	786660.09153	786659.90224	0.18929	0.10000	0.00000	786659.90224	0.18929	0.5000
9055:	58	27	32	57	26	31	786660.09153	786659.90224	0.18929	0.10000	0.00000	786659.90224	0.18929	0.5000
9056:	56	28	28	55	27	28	787328.20985	787328.11430	0.09555	0.10000	0.00000	787328.11430	0.09555	0.5000
9057:	56	28	28	55	27	29	787328.20985	787328.11430	0.09555	0.10000	0.00000	787328.11430	0.09555	0.5000
9058:	54	29	26	53	28	25	787830.08233	787829.97574	0.10659	0.10000	0.00000	787829.97574	0.10659	0.5000
9059:	54	29	25	53	28	26	787830.08233	787829.97574	0.10659	0.10000	0.00000	787829.97574	0.10659	0.5000
9060:	52	30	22	51	29	23	788213.46617	788213.20076	0.26541	0.10000	0.00000	788213.20076	0.26541	0.5000
9061:	52	30	23	51	29	22	788213.46617	788213.20076	0.26541	0.10000	0.00000	788213.20076	0.26541	0.5000
9062:	73	21	52	72	20	53	788292.56609	788292.51801	0.04808	0.10000	0.00000	788292.51801	0.04808	0.5000
9063:	50	31	20	49	30	19	788511.43725	788511.53362	-0.09636	0.10000	0.00000	788511.53362	-0.09636	0.5000
9064:	50	31	19	49	30	20	788511.43725	788511.53362	-0.09636	0.10000	0.00000	788511.53362	-0.09636	0.5000
9065:	70	22	49	69	21	48	788604.93589	788604.93463	0.00125	0.10000	0.00000	788604.93463	0.00125	0.5000
9066:	48	32	16	47	31	17	788749.11919	788749.14145	-0.02226	0.10000	0.00000	788749.14145	-0.02226	0.5000
9067:	48	32	17	47	31	16	788749.11919	788749.14145	-0.02226	0.10000	0.00000	788749.14145	-0.02226	0.5000
9068:	46	33	13	45	32	14	788943.52313	788943.47012	0.05300	0.10000	0.00000	788943.47012	0.05300	0.5000
9069:	46	33	14	45	32	13	788943.52313	788943.47012	0.05300	0.10000	0.00000	788943.47012	0.05300	0.5000
9070:	44	34	11	43	33	10	789107.41599	789107.16280	0.25319	0.10000	0.00000	789107.16280	0.25319	0.5000
9071:	44	34	10	43	33	11	789107.41599	789107.16280	0.25319	0.10000	0.00000	789107.16280	0.25319	0.5000
9072:	42	35	8	41	34	7	789249.35940	789249.38316	-0.02376	0.10000	0.00000	789249.38316	-0.02376	0.5000
9073:	42	35	7	41	34	8	789249.35940	789249.38316	-0.02376	0.10000	0.00000	789249.38316	-0.02376	0.5000
9074:	65	24	42	64	23	41	789348.20995	789347.94908	0.26087	0.10000	0.00000	789347.94908	0.26087	0.5000
9075:	65	24	41	64	23	42	789348.20995	789347.94908	0.26087	0.10000	0.00000	789347.94908	0.26087	0.5000
9076:	40	36	5	39	35	4	789376.68561	789376.74773	-0.06212	0.10000	0.00000	789376.74773	-0.06212	0.5000
9077:	40	36	4	39	35	5	789376.68561	789376.74773	-0.06212	0.10000	0.00000	789376.74773	-0.06212	0.5000
9078:	38	37	1	37	36	2	789493.82432	789493.99411	-0.16979	0.10000	0.00000	789493.99411	-0.16979	0.5000

9079:	38	37	2	37	36	1	789493.82432	789493.99411	-0.16979	0.10000	0.00000	789493.99411	-0.16979	0.5000
9080:	63	25	38	62	24	39	791214.57473	791214.74752	-0.17279	0.10000	0.00000	791214.74732	-0.17259	0.5000
9081:	63	25	39	62	24	38	791214.57473	791214.74712	-0.17240	0.10000	0.00000	791214.74732	-0.17259	0.5000
9082:	61	26	36	60	25	35	792549.05502	792548.90056	0.15446	0.10000	0.00000	792548.90056	0.15446	0.5000
9083:	61	26	35	60	25	36	792549.05502	792548.90056	0.15445	0.10000	0.00000	792548.90056	0.15446	0.5000
9084:	59	27	32	58	26	33	793520.09745	793520.05808	0.03937	0.10000	0.00000	793520.05808	0.03937	0.5000
9085:	59	27	33	58	26	32	793520.09745	793520.05808	0.03937	0.10000	0.00000	793520.05808	0.03937	0.5000
9086:	57	28	30	56	27	29	794238.03459	794237.97055	0.06404	0.10000	0.00000	794237.97055	0.06404	0.5000
9087:	57	28	29	56	27	30	794238.03459	794237.97055	0.06404	0.10000	0.00000	794237.97055	0.06404	0.5000
9088:	71	22	49	70	21	50	794595.40348	794595.73778	-0.33431	0.10000	0.00000			
9089:	55	29	26	54	28	27	794776.71643	794776.55760	0.15883	0.10000	0.00000	794776.55760	0.15883	0.5000
9090:	55	29	27	54	28	26	794776.71643	794776.55760	0.15883	0.10000	0.00000	795187.02621	0.01805	0.5000
9091:	53	30	24	52	29	23	795187.04425	795187.02621	0.01805	0.10000	0.00000	795187.02621	0.01805	0.5000
9092:	53	30	23	52	29	24	795187.04425	795187.02621	0.01805	0.10000	0.00000	795187.02621	0.01805	0.5000
9093:	51	31	21	50	30	20	795505.71311	795505.55944	0.15368	0.10000	0.00000	795505.55944	0.15368	0.5000
9094:	51	31	20	50	30	21	795505.71311	795505.55944	0.15368	0.10000	0.00000	795505.55944	0.15368	0.5000
9095:	49	32	17	48	31	18	795758.08672	795758.07725	0.00947	0.10000	0.00000	795758.07725	0.00947	0.5000
9096:	49	32	18	48	31	17	795758.08672	795758.07725	0.00947	0.10000	0.00000	795758.07725	0.00947	0.5000
9097:	66	24	43	65	23	42	795876.16764	795876.00600	0.16164	0.10000	0.00000	795876.03380	0.13384	0.5000
9098:	66	24	42	65	23	43	795876.16764	795876.06159	0.10604	0.10000	0.00000	795876.03380	0.13384	0.5000
9099:	47	33	15	46	32	14	795963.25644	795963.31386	-0.05742	0.10000	0.00000	795963.31386	-0.05742	0.5000
9100:	47	33	14	46	32	15	795963.25644	795963.31386	-0.05742	0.10000	0.00000	795963.31386	-0.05742	0.5000
9101:	45	34	12	44	33	11	796134.68761	796134.87599	-0.18838	0.10000	0.00000	796134.87599	-0.18838	0.5000
9102:	45	34	11	44	33	12	796134.68761	796134.87599	-0.18838	0.10000	0.00000	796134.87599	-0.18838	0.5000
9103:	43	35	8	42	34	9	796282.56446	796282.65775	-0.09329	0.10000	0.00000	796282.65775	-0.09329	0.5000
9104:	43	35	9	42	34	8	796282.56446	796282.65775	-0.09329	0.10000	0.00000	796282.65775	-0.09329	0.5000
9105:	41	36	5	40	35	6	796413.91809	796413.83515	0.08294	0.10000	0.00000	796413.83515	0.08294	0.5000
9106:	41	36	6	40	35	5	796413.91809	796413.83515	0.08294	0.10000	0.00000	796413.83515	0.08294	0.5000
9107:	39	37	2	38	36	3	796533.85270	796533.57769	0.27501	0.10000	0.00000	796533.57769	0.27501	0.5000
9108:	39	37	3	38	36	2	796533.85270	796533.57769	0.27501	0.10000	0.00000	796533.57769	0.27501	0.5000
9109:	64	25	40	63	24	39	797886.74911	797886.63397	0.11514	0.10000	0.00000	797886.63440	0.11471	0.5000
9110:	64	25	39	63	24	40	797886.74911	797886.63483	0.11428	0.10000	0.00000	797886.63440	0.11471	0.5000
9111:	69	23	46	68	22	47	799242.92902	799242.73088	0.19814	0.10000	0.00000			
9112:	62	26	36	61	25	37	799321.27287	799321.43972	-0.16685	0.10000	0.00000	799321.43972	-0.16684	0.5000
9113:	62	26	37	61	25	36	799321.27287	799321.43971	-0.16684	0.10000	0.00000	799321.43972	-0.16684	0.5000
9114:	72	22	51	71	21	50	800167.36960	800167.12037	0.24923	0.10000	0.00000			
9115:	60	27	34	59	26	33	800364.88605	800365.03135	-0.14530	0.10000	0.00000	800365.02284	-0.13679	0.3333
9116:	45	17	28	45	13	33	800364.88605	800365.00584	-0.11978	0.10000	0.00000	800365.02284	-0.13679	0.3333
9117:	60	27	33	59	26	34	800364.88605	800365.03135	-0.14530	0.10000	0.00000	800365.02284	-0.13679	0.3333
9118:	58	28	30	57	27	31	801135.99219	801135.98576	0.00643	0.10000	0.00000	801135.98576	0.00643	0.5000
9119:	58	28	31	57	27	30	801135.99219	801135.98576	0.00643	0.10000	0.00000	801135.98576	0.00643	0.5000
9120:	56	29	28	55	28	27	801713.79885	801713.81658	-0.01772	0.10000	0.00000	801713.81658	-0.01772	0.5000
9121:	56	29	27	55	28	28	801713.79885	801713.81658	-0.01772	0.10000	0.00000	801713.81658	-0.01772	0.5000
9122:	54	30	24	53	29	25	802153.33627	802153.46625	-0.12998	0.10000	0.00000	802153.46625	-0.12998	0.5000
9123:	54	30	25	53	29	24	802153.33627	802153.46625	-0.12998	0.10000	0.00000	802153.46625	-0.12998	0.5000
9124:	67	24	44	66	23	43	802365.66643	802365.75354	-0.08710	0.10000	0.00000	802365.69804	-0.03160	0.5000
9125:	67	24	44	66	23	44	802365.66643	802365.64254	0.02389	0.10000	0.00000	802365.69804	-0.03160	0.5000
9126:	52	31	21	51	30	22	802493.71060	802493.71268	-0.00209	0.10000	0.00000	802493.71268	-0.00209	0.5000
9127:	52	31	22	51	30	21	802493.71060	802493.71268	-0.00209	0.10000	0.00000	802493.71268	-0.00209	0.5000

9128:	50	32	19	49	31	18	802762.21773	802762.33379	-0.11606	0.10000	0.00000	802762.33379	-0.11606	0.5000
9129:	50	32	18	49	31	19	802762.21773	802762.33379	-0.11606	0.10000	0.00000	802762.33379	-0.11606	0.5000
9130:	48	33	15	47	32	16	802979.42950	802979.42579	0.00371	0.10000	0.00000	802979.42579	0.00371	0.5000
9131:	48	33	16	47	32	15	802979.42950	802979.42579	0.00371	0.10000	0.00000	802979.42579	0.00371	0.5000
9132:	46	34	13	45	33	12	803159.67373	803159.61228	0.06145	0.10000	0.00000	803159.61228	0.06145	0.5000
9133:	46	34	12	45	33	13	803159.67373	803159.61228	0.06145	0.10000	0.00000	803159.61228	0.06145	0.5000
9134:	44	35	10	43	34	9	803313.48347	803313.55748	-0.07401	0.10000	0.00000	803313.55748	-0.07401	0.5000
9135:	44	35	9	43	34	10	803313.48347	803313.55748	-0.07401	0.10000	0.00000	803313.55748	-0.07401	0.5000
9136:	42	36	7	41	35	6	803449.13865	803449.02706	0.11160	0.10000	0.00000	803449.02706	0.11160	0.5000
9137:	42	36	6	41	35	7	803449.13865	803449.02706	0.11160	0.10000	0.00000	803449.02706	0.11160	0.5000
9138:	40	37	3	39	36	4	803571.58273	803571.64578	-0.06305	0.10000	0.00000	803571.64578	-0.06305	0.5000
9139:	40	37	4	39	36	3	803571.58273	803571.64578	-0.06305	0.10000	0.00000	803571.64578	-0.06305	0.5000
9140:	38	38	0	37	37	1	803685.47304	803685.44708	0.02595	0.10000	0.00000	803685.44708	0.02595	0.5000
9141:	38	38	1	37	37	0	803685.47304	803685.44708	0.02595	0.10000	0.00000	803685.44708	0.02595	0.5000
9142:	65	25	40	64	24	41	804530.65758	804530.73055	-0.07297	0.10000	0.00000	804530.73055	-0.07297	0.5000
9143:	65	25	41	64	24	40	804530.65758	804530.72873	-0.07114	0.10000	0.00000	804530.72873	-0.07114	0.5000
9144:	70	23	48	69	22	47	805432.15163	805431.97492	0.17671	0.10000	0.00000	805431.97492	0.17671	0.5000
9145:	70	23	47	69	22	48	805440.81935	805440.86700	-0.04764	0.10000	0.00000	805440.86700	-0.04764	0.5000
9146:	73	22	52	72	21	51	805738.29598	805738.25329	0.04269	0.10000	0.00000	805738.25329	0.04269	0.5000
9147:	63	26	38	62	25	37	806073.09908	806073.13274	-0.03367	0.10000	0.00000	806073.13274	-0.03367	0.5000
9148:	63	26	37	62	25	38	806073.09908	806073.13276	-0.03369	0.10000	0.00000	806073.13276	-0.03369	0.5000
9149:	61	27	35	60	26	34	807194.18083	807193.99972	0.18112	0.10000	0.00000	807193.99972	0.18112	0.5000
9150:	61	27	34	60	26	35	807194.18083	807193.99972	0.18112	0.10000	0.00000	807193.99972	0.18112	0.5000
9151:	59	28	32	58	27	31	808021.72644	808021.52091	0.20553	0.10000	0.00000	808021.52091	0.20553	0.5000
9152:	57	29	28	56	28	29	808641.18733	808641.24247	-0.05514	0.10000	0.00000	808641.24247	-0.05514	0.5000
9153:	57	29	29	56	28	28	808641.18733	808641.24247	-0.05514	0.10000	0.00000	808641.24247	-0.05514	0.5000
9154:	68	24	45	67	23	44	808814.51825	808814.29581	0.22244	0.10000	0.00000	808814.29581	0.22244	0.5000
9155:	68	24	44	67	23	45	808814.66882	808814.51437	0.15445	0.10000	0.00000	808814.51437	0.15445	0.5000
9156:	55	30	25	54	29	26	809112.18089	809112.10552	0.07537	0.10000	0.00000	809112.10552	0.07537	0.5000
9157:	55	30	26	54	29	25	809112.18089	809112.10552	0.07537	0.10000	0.00000	809112.10552	0.07537	0.5000
9158:	53	31	22	52	30	23	809475.80437	809475.65037	0.15401	0.10000	0.00000	809475.65037	0.15401	0.5000
9159:	53	31	23	52	30	22	809475.80437	809475.65037	0.15401	0.10000	0.00000	809475.65037	0.15401	0.5000
9160:	51	32	20	50	31	19	809761.83140	809761.62502	0.20637	0.10000	0.00000	809761.62502	0.20637	0.5000
9161:	51	32	19	50	31	20	809761.83140	809761.62502	0.20637	0.10000	0.00000	809761.62502	0.20637	0.5000
9162:	49	33	17	48	32	16	809991.33755	809991.56575	-0.22820	0.10000	0.00000	809991.56575	-0.22820	0.5000
9163:	49	33	16	48	32	17	809991.33755	809991.56575	-0.22820	0.10000	0.00000	809991.56575	-0.22820	0.5000
9164:	47	34	13	46	33	14	810181.23316	810181.16920	0.06396	0.10000	0.00000	810181.16920	0.06396	0.5000
9165:	47	34	14	46	33	13	810181.23316	810181.16920	0.06396	0.10000	0.00000	810181.16920	0.06396	0.5000
9166:	45	35	10	44	34	11	810341.95365	810341.91130	0.04235	0.10000	0.00000	810341.91130	0.04235	0.5000
9167:	45	35	11	44	34	10	810341.95365	810341.91130	0.04235	0.10000	0.00000	810341.91130	0.04235	0.5000
9168:	43	36	8	42	35	7	810482.06810	810482.17889	-0.11079	0.10000	0.00000	810482.17889	-0.11079	0.5000
9169:	43	36	7	42	35	8	810482.06810	810482.17889	-0.11079	0.10000	0.00000	810482.17889	-0.11079	0.5000
9170:	41	37	5	40	36	4	810608.12321	810608.07638	0.04683	0.10000	0.00000	810608.07638	0.04683	0.5000
9171:	41	37	4	40	36	5	810608.12321	810608.07638	0.04683	0.10000	0.00000	810608.07638	0.04683	0.5000
9172:	39	38	2	38	37	1	810723.97713	810724.01006	-0.03293	0.10000	0.00000	810724.01006	-0.03293	0.5000
9173:	66	25	42	65	24	41	811145.45298	811145.38020	0.07279	0.10000	0.00000	811145.38020	0.07279	0.5000
9174:	66	25	41	65	24	42	811145.45298	811145.38405	0.06893	0.10000	0.00000	811145.38405	0.06893	0.5000
9175:	71	23	49	70	22	48	811558.95241	811558.70550	0.24691	0.10000	0.00000	811558.70550	0.24691	0.5000
9176:	71	23	48	70	22	49	811574.85224	811574.87184	-0.01960	0.10000	0.00000	811574.87184	-0.01960	0.5000

9177:	64	26	39	63	25	38	912802.93660	812802.82028	0.11632	0.10000	0.00000	812802.82030	0.11630	0.5000
9178:	64	26	38	63	25	39	812802.93660	812802.82032	0.11627	0.10000	0.00000	812802.82030	0.11630	0.5000
9179:	62	27	36	61	26	35	814006.04722	814006.10204	-0.05482	0.10000	0.00000	814006.10204	-0.05482	0.5000
9180:	62	27	35	61	26	36	814006.04722	814006.10204	-0.05482	0.10000	0.00000	814006.10204	-0.05482	0.5000
9181:	60	28	33	59	27	32	814894.18401	814893.91037	0.27365	0.10000	0.00000	814893.91037	0.27365	0.5000
9182:	60	28	32	59	27	33	814894.18401	814893.91037	0.27365	0.10000	0.00000	814893.91037	0.27365	0.5000
9183:	69	24	45	68	23	46	815219.35608	815219.59248	-0.23640	0.10000	0.00000			
9184:	69	24	46	68	23	45	815219.66402	815219.16786	0.49616	0.10000	0.00000			
9185:	58	29	30	57	28	29	815558.53720	815558.30580	0.23140	0.10000	0.00000	815558.30580	0.23140	0.5000
9186:	58	29	29	57	28	30	815558.53720	815558.30580	0.23140	0.10000	0.00000	815558.30580	0.23140	0.5000
9187:	56	30	27	55	29	26	816062.48702	816062.51391	-0.02689	0.10000	0.00000	816062.51391	-0.02689	0.5000
9188:	56	30	26	55	29	27	816062.48702	816062.51391	-0.02689	0.10000	0.00000	816062.51391	-0.02689	0.5000
9189:	54	31	24	53	30	23	816451.09590	816451.01784	0.07805	0.10000	0.00000	816451.01784	0.07805	0.5000
9190:	54	31	23	53	30	24	816451.09590	816451.01784	0.07805	0.10000	0.00000	816451.01784	0.07805	0.5000
9191:	52	32	21	51	31	20	816755.73887	816755.65534	0.08352	0.10000	0.00000	816755.65534	0.08352	0.5000
9192:	52	32	20	51	31	21	816755.73887	816755.65534	0.08352	0.10000	0.00000	816755.65534	0.08352	0.5000
9193:	50	33	17	49	32	18	816999.30861	816999.48550	-0.17688	0.10000	0.00000	816999.48550	-0.17688	0.5000
9194:	50	33	18	49	32	17	816999.30861	816999.48550	-0.17688	0.10000	0.00000	816999.48550	-0.17688	0.5000
9195:	48	34	14	47	33	15	817199.30091	817199.33728	-0.03637	0.10000	0.00000	817199.33728	-0.03637	0.5000
9196:	48	34	15	47	33	14	817199.30091	817199.33728	-0.03637	0.10000	0.00000	817199.33728	-0.03637	0.5000
9197:	46	35	12	45	34	11	817367.31612	817367.54199	-0.22586	0.10000	0.00000	817367.54199	-0.22586	0.5000
9198:	46	35	11	45	34	12	817367.31612	817367.54199	-0.22586	0.10000	0.00000	817367.54199	-0.22586	0.5000
9199:	44	36	9	43	35	8	817513.22941	817513.14058	0.08883	0.10000	0.00000	817513.14058	0.08883	0.5000
9200:	44	36	8	43	35	9	817513.22941	817513.14058	0.08883	0.10000	0.00000	817513.14058	0.08883	0.5000
9201:	72	23	50	71	22	49	817611.39646	817611.28025	0.11621	0.10000	0.00000			
9202:	42	37	6	41	36	5	817642.77383	817642.74255	0.03129	0.10000	0.00000	817642.74255	0.03129	0.5000
9203:	42	37	5	41	36	6	817642.77383	817642.74255	0.03129	0.10000	0.00000	817642.74255	0.03129	0.5000
9204:	67	25	42	66	24	43	817729.07220	817728.83057	0.24163	0.10000	0.00000	817728.82657	0.24564	0.5000
9205:	67	25	43	66	24	42	817729.07220	817728.82257	0.24964	0.10000	0.00000	817728.82657	0.24564	0.5000
9206:	40	38	3	39	37	2	817761.18617	817761.14692	0.03925	0.10000	0.00000	817761.14692	0.03925	0.5000
9207:	40	38	2	39	37	3	817761.18617	817761.14692	0.03925	0.10000	0.00000	817761.14692	0.03925	0.5000
9208:	65	26	39	64	25	40	819509.29719	819509.27709	0.02010	0.10000	0.00000	819509.27704	0.02015	0.5000
9209:	65	26	40	64	25	39	819509.29719	819509.27698	0.02020	0.10000	0.00000	819509.27704	0.02015	0.5000
9210:	63	27	36	62	26	37	820800.61190	820800.43557	0.17633	0.10000	0.00000	820800.43556	0.17634	0.5000
9211:	63	27	37	62	26	36	820800.61190	820800.43556	0.17634	0.10000	0.00000	820800.43556	0.17634	0.5000
9212:	70	24	47	69	23	46	821577.32024	821577.18613	0.13411	0.10000	0.00000			
9213:	70	24	46	69	23	47	821578.02413	821578.00020	0.02393	0.10000	0.00000			
9214:	61	28	34	60	27	33	821752.17653	821752.46032	-0.28379	0.10000	0.00000	821752.46032	-0.28379	0.5000
9215:	61	28	33	60	27	34	821752.17653	821752.46032	-0.28379	0.10000	0.00000	821752.46032	-0.28379	0.5000
9216:	59	29	30	58	28	31	822464.36562	822464.45680	-0.09119	0.10000	0.00000	822464.45680	-0.09119	0.5000
9217:	59	29	31	58	28	30	822464.36562	822464.45680	-0.09119	0.10000	0.00000	822464.45680	-0.09119	0.5000
9218:	57	30	28	56	29	27	823004.03772	823004.24604	-0.20832	0.10000	0.00000	823004.24604	-0.20832	0.5000
9219:	57	30	27	56	29	28	823004.03772	823004.24604	-0.20832	0.10000	0.00000	823004.24604	-0.20832	0.5000
9220:	55	31	24	54	30	25	823419.29809	823419.44840	-0.15031	0.10000	0.00000	823419.44840	-0.15031	0.5000
9221:	55	31	25	54	30	24	823419.29809	823419.44840	-0.15031	0.10000	0.00000	823419.44840	-0.15031	0.5000
9222:	53	32	22	52	31	21	823744.15135	823744.11930	0.03205	0.10000	0.00000	823744.11930	0.03205	0.5000
9223:	53	32	21	52	31	22	823744.15135	823744.11930	0.03205	0.10000	0.00000	823744.11930	0.03205	0.5000
9224:	51	33	19	50	32	18	824002.90508	824002.92854	-0.02346	0.10000	0.00000	824002.92854	-0.02346	0.5000
9225:	51	33	18	50	32	19	824002.90508	824002.92854	-0.02346	0.10000	0.00000	824002.92854	-0.02346	0.5000

9226:	49	34	15	48	33	16	824213.69582	824213.89996	-0.20414	0.10000	0.00000	824213.89996	-0.20414	0.5000
9227:	49	34	16	48	33	15	824213.69582	824213.89996	-0.20414	0.10000	0.00000	824213.89996	-0.20414	0.5000
9228:	68	25	43	67	24	44	824279.32730	824279.17898	0.14832	0.10000	0.00000	824279.17078	0.15652	0.5000
9229:	68	25	44	67	24	43	824279.32730	824279.16259	0.16471	0.10000	0.00000	824279.17078	0.15652	0.5000
9230:	47	35	12	46	34	13	824390.35689	824390.26609	0.09080	0.10000	0.00000	824390.26609	0.09080	0.5000
9231:	47	35	13	46	34	12	824390.35689	824390.26609	0.09080	0.10000	0.00000	824390.26609	0.09080	0.5000
9232:	45	36	9	44	35	10	824541.61370	824541.75655	-0.14285	0.10000	0.00000	824541.75655	-0.14285	0.5000
9233:	45	36	10	44	35	9	824541.61370	824541.75655	-0.14285	0.10000	0.00000	824541.75655	-0.14285	0.5000
9234:	43	37	6	42	36	7	824675.14770	824675.51235	-0.36465	0.10000	0.00000	824675.51235	-0.36465	0.5000
9235:	43	37	7	42	36	6	824675.14770	824675.51235	-0.36465	0.10000	0.00000	824675.51235	-0.36465	0.5000
9236:	41	38	4	40	37	3	824796.74829	824796.74597	0.00232	0.10000	0.00000	824796.74597	0.00232	0.5000
9237:	41	38	3	40	37	4	824796.74829	824796.74597	0.00232	0.10000	0.00000	824796.74597	0.00232	0.5000
9238:	39	39	0	38	38	1	824909.27456	824909.22472	0.04984	0.10000	0.00000	824909.22472	0.04984	0.5000
9239:	39	39	1	38	38	0	824909.27456	824909.22472	0.04984	0.10000	0.00000	824909.22472	0.04984	0.5000
9240:	66	26	41	65	25	40	826191.39662	826191.20565	0.19097	0.10000	0.00000	826191.20576	0.19085	0.5000
9241:	66	26	40	65	25	41	826191.39662	826191.20565	0.19073	0.10000	0.00000	826191.20576	0.19085	0.5000
9242:	64	27	38	63	26	37	827575.96353	827576.05280	-0.08927	0.10000	0.00000	827576.05280	-0.08927	0.5000
9243:	64	27	37	63	26	38	827575.96353	827576.05280	-0.08927	0.10000	0.00000	827576.05280	-0.08927	0.5000
9244:	62	28	34	61	27	35	828596.63516	828596.44700	0.18816	0.10000	0.00000	828596.44700	0.18816	0.5000
9245:	62	28	35	61	27	34	828596.63516	828596.44700	0.18816	0.10000	0.00000	828596.44700	0.18816	0.5000
9246:	60	29	31	59	28	32	829359.26263	829359.12442	0.13820	0.10000	0.00000	829359.12442	0.13820	0.5000
9247:	60	29	32	59	28	31	829359.26263	829359.12442	0.13820	0.10000	0.00000	829359.12442	0.13820	0.5000
9248:	58	30	28	57	29	29	829936.77230	829936.84061	-0.06831	0.10000	0.00000	829936.84061	-0.06831	0.5000
9249:	58	30	29	57	29	28	829936.77230	829936.84061	-0.06831	0.10000	0.00000	829936.84061	-0.06831	0.5000
9250:	56	31	26	55	30	25	830380.62459	830380.56291	0.06167	0.10000	0.00000	830380.56291	0.06167	0.5000
9251:	56	31	25	55	30	26	830380.62459	830380.56291	0.06167	0.10000	0.00000	830380.56291	0.06167	0.5000
9252:	54	32	23	53	31	22	830726.79791	830726.70140	0.09651	0.10000	0.00000	830726.70140	0.09651	0.5000
9253:	54	32	22	53	31	23	830726.79791	830726.70140	0.09651	0.10000	0.00000	830726.70140	0.09651	0.5000
9254:	52	33	20	51	32	19	831001.76264	831001.62996	0.13267	0.10000	0.00000			
9255:	50	34	17	49	33	16	831224.65012	831224.63346	0.01666	0.10000	0.00000	831224.63346	0.01666	0.5000
9256:	50	34	16	49	33	17	831224.65012	831224.63346	0.01666	0.10000	0.00000	831224.63346	0.01666	0.5000
9257:	48	35	13	47	34	14	831409.65570	831409.89387	-0.23818	0.10000	0.00000	831409.89387	-0.23818	0.5000
9258:	48	35	14	47	34	13	831409.65570	831409.89387	-0.23818	0.10000	0.00000	831409.89387	-0.23818	0.5000
9259:	46	36	10	45	35	11	831567.64034	831567.86559	-0.22526	0.10000	0.00000	831567.86559	-0.22526	0.5000
9260:	46	36	11	45	35	10	831567.64034	831567.86559	-0.22526	0.10000	0.00000	831567.86559	-0.22526	0.5000
9261:	44	37	8	43	36	7	831706.07241	831706.24881	-0.17641	0.10000	0.00000	831706.24881	-0.17641	0.5000
9262:	44	37	7	43	36	8	831706.07241	831706.24881	-0.17641	0.10000	0.00000	831706.24881	-0.17641	0.5000
9263:	42	38	4	41	37	5	831830.80090	831830.69099	0.10991	0.10000	0.00000	831830.69099	0.10991	0.5000
9264:	42	38	5	41	37	4	831830.80090	831830.69099	0.10991	0.10000	0.00000	831830.69099	0.10991	0.5000
9265:	40	39	2	39	38	1	831945.23033	831945.29991	-0.06958	0.10000	0.00000	831945.29991	-0.06958	0.5000
9266:	40	39	1	39	38	2	831945.23033	831945.29991	-0.06958	0.10000	0.00000	831945.29991	-0.06958	0.5000
9267:	67	26	42	66	25	41	832847.28100	832847.23048	0.05052	0.10000	0.00000	832847.23074	0.05026	0.5000
9268:	67	26	41	66	25	42	832847.28100	832847.23100	0.05000	0.10000	0.00000	832847.23074	0.05026	0.5000
9269:	61	29	32	60	28	33	836241.38291	836241.71518	-0.33228	0.10000	0.00000	836241.71518	-0.33228	0.5000
9270:	61	29	33	60	28	32	836241.38291	836241.71518	-0.33228	0.10000	0.00000	836241.71518	-0.33228	0.5000
9271:	59	30	29	58	29	30	836859.89293	836859.81967	0.07326	0.10000	0.00000	836859.81967	0.07326	0.5000
9272:	59	30	30	58	29	29	836859.89293	836859.81967	0.07326	0.10000	0.00000	836859.81967	0.07326	0.5000
9273:	57	31	26	56	30	27	837333.74769	837333.96935	-0.22166	0.10000	0.00000	837333.96935	-0.22166	0.5000
9274:	57	31	27	56	30	26	837333.74769	837333.96935	-0.22166	0.10000	0.00000	837333.96935	-0.22166	0.5000

9275:	55	32	23	54	31	24	837702.98832	837703.07574	-0.08742	0.10000	0.00000	837703.07574	-0.08742	0.5000
9276:	55	32	24	54	31	23	837702.98832	837703.07574	-0.08742	0.10000	0.00000	837703.07574	-0.08742	0.5000
9277:	53	33	21	52	32	20	837995.21767	837995.31628	-0.09861	0.10000	0.00000	837995.31628	-0.09861	0.5000
9278:	53	33	20	52	32	21	837995.21767	837995.31628	-0.09861	0.10000	0.00000	837995.31628	-0.09861	0.5000
9279:	51	34	18	50	33	17	838231.08996	838231.30670	-0.21674	0.10000	0.00000	838231.30670	-0.21674	0.5000
9280:	51	34	17	50	33	18	838231.08996	838231.30670	-0.21674	0.10000	0.00000	838231.30670	-0.21674	0.5000
9281:	49	35	15	48	34	14	838426.13828	838426.22925	-0.09097	0.10000	0.00000	838426.22925	-0.09097	0.5000
9282:	49	35	14	48	34	15	838426.13828	838426.22925	-0.09097	0.10000	0.00000	838426.22925	-0.09097	0.5000
9283:	47	36	11	46	35	12	838591.53079	838591.30091	0.22988	0.10000	0.00000	838591.30091	0.22988	0.5000
9284:	47	36	12	46	35	11	838591.53079	838591.30091	0.22988	0.10000	0.00000	838591.30091	0.22988	0.5000
9285:	45	37	8	44	36	9	838734.85687	838734.80993	0.04694	0.10000	0.00000	838734.80993	0.04694	0.5000
9286:	45	37	9	44	36	8	838734.85687	838734.80993	0.04694	0.10000	0.00000	838734.80993	0.04694	0.5000
9287:	43	38	5	42	37	6	838862.73853	838862.86117	-0.12265	0.10000	0.00000	838862.86117	-0.12265	0.5000
9288:	43	38	6	42	37	5	838862.73853	838862.86117	-0.12265	0.10000	0.00000	838862.86117	-0.12265	0.5000
9289:	41	39	3	40	38	2	838980.00218	838979.92059	0.08159	0.10000	0.00000	838979.92059	0.08159	0.5000
9290:	41	39	2	40	38	3	838980.00218	838979.92059	0.08159	0.10000	0.00000	838979.92059	0.08159	0.5000
9291:	68	26	43	67	25	42	839476.08223	839475.88960	0.19264	0.10000	0.00000	839475.88960	0.19209	0.5000
9292:	68	26	42	67	25	43	839476.08223	839475.88960	0.19264	0.10000	0.00000	839475.88960	0.19209	0.5000
9293:	66	27	39	65	26	40	841066.97334	841067.10374	-0.13040	0.10000	0.00000	841067.10374	-0.13040	0.5000
9294:	66	27	40	65	26	39	841066.97334	841067.10374	-0.13039	0.10000	0.00000	841067.10374	-0.13040	0.5000
9295:	64	28	37	63	27	36	842237.69038	842237.67397	0.01640	0.10000	0.00000	842237.67397	0.01640	0.5000
9296:	64	28	36	63	27	37	842237.69038	842237.67397	0.01640	0.10000	0.00000	842237.67397	0.01640	0.5000
9297:	62	29	34	61	28	33	843111.51476	843111.61190	-0.09715	0.10000	0.00000	843111.61190	-0.09715	0.5000
9298:	62	29	33	61	28	34	843111.51476	843111.61190	-0.09715	0.10000	0.00000	843111.61190	-0.09715	0.5000
9299:	60	30	31	59	29	30	843772.58382	843772.68787	-0.10404	0.10000	0.00000	843772.68787	-0.10404	0.5000
9300:	60	30	30	59	29	31	843772.58382	843772.68787	-0.10404	0.10000	0.00000	843772.68787	-0.10404	0.5000
9301:	58	31	27	57	30	28	844279.50277	844279.26234	0.24043	0.10000	0.00000	844279.26234	0.24043	0.5000
9302:	58	31	28	57	30	27	844279.50277	844279.26234	0.24043	0.10000	0.00000	844279.26234	0.24043	0.5000
9303:	56	32	24	55	31	25	844672.99053	844672.90580	0.08473	0.10000	0.00000	844672.90580	0.08473	0.5000
9304:	56	32	25	55	31	24	844672.99053	844672.90580	0.08473	0.10000	0.00000	844672.90580	0.08473	0.5000
9305:	54	33	21	53	32	22	844983.61457	844983.70517	-0.09061	0.10000	0.00000	844983.70517	-0.09061	0.5000
9306:	54	33	22	53	32	21	844983.61457	844983.70517	-0.09061	0.10000	0.00000	844983.70517	-0.09061	0.5000
9307:	52	34	18	51	33	19	845233.52207	845233.68114	-0.15907	0.10000	0.00000	845233.68114	-0.15907	0.5000
9308:	52	34	19	51	33	18	845233.52207	845233.68114	-0.15907	0.10000	0.00000	845233.68114	-0.15907	0.5000
9309:	50	35	15	49	34	16	845439.05280	845439.06965	-0.01685	0.10000	0.00000	845439.06965	-0.01685	0.5000
9310:	50	35	16	49	34	15	845439.05280	845439.06965	-0.01685	0.10000	0.00000	845439.06965	-0.01685	0.5000
9311:	48	36	13	47	35	12	845612.03498	845611.89000	0.14498	0.10000	0.00000	845611.89000	0.14498	0.5000
9312:	48	36	12	47	35	13	845612.03498	845611.89000	0.14498	0.10000	0.00000	845611.89000	0.14498	0.5000
9313:	46	37	10	45	36	9	845761.21419	845761.04860	0.16559	0.10000	0.00000	845761.04860	0.16559	0.5000
9314:	46	37	9	45	36	10	845761.21419	845761.04860	0.16559	0.10000	0.00000	845761.04860	0.16559	0.5000
9315:	44	38	7	43	37	6	845893.32838	845893.13110	0.19728	0.10000	0.00000	845893.13110	0.19728	0.5000
9316:	44	38	6	43	37	7	845893.32838	845893.13110	0.19728	0.10000	0.00000	845893.13110	0.19728	0.5000
9317:	42	39	4	41	38	3	846013.12186	846012.98001	0.14185	0.10000	0.00000	846012.98001	0.14185	0.5000
9318:	42	39	3	41	38	4	846013.12186	846012.98001	0.14185	0.10000	0.00000	846012.98001	0.14185	0.5000
9319:	69	26	43	68	25	44	846075.96971	846075.62755	0.34215	0.10000	0.00000	846075.62755	0.34215	0.5000
9320:	69	26	44	68	25	43	846075.96971	846075.62755	0.34215	0.10000	0.00000	846075.62755	0.34215	0.5000
9321:	40	40	0	39	39	1	846124.22510	846124.12155	0.10355	0.10000	0.00000	846124.12155	0.10355	0.5000
9322:	40	40	1	39	39	0	846124.22510	846124.12155	0.10355	0.10000	0.00000	846124.12155	0.10355	0.5000
9323:	67	27	41	66	26	40	847780.46663	847780.38577	0.08086	0.10000	0.00000	847780.38578	0.08084	0.5000

9324:	67	27	40	66	26	41	847780.46663	847780.38580	0.08083	0.10000	0.00000	847780.38578	0.08084	0.5000
9325:	65	28	38	64	27	37	849033.22013	849033.29863	-0.07849	0.10000	0.00000	849033.29863	-0.07849	0.5000
9326:	65	28	37	64	27	38	849033.22013	849033.29863	-0.07849	0.10000	0.00000	849033.29863	-0.07849	0.5000
9327:	63	29	35	62	28	34	849968.21581	849968.17238	0.04343	0.10000	0.00000	849968.17238	0.04343	0.5000
9328:	63	29	34	62	28	35	849968.21581	849968.17238	0.04343	0.10000	0.00000	849968.17238	0.04343	0.5000
9329:	72	25	48	71	24	47	850106.48499	850106.26155	0.22344	0.10000	0.00000			
9330:	72	25	47	71	24	48	850106.66971	850106.51362	0.15609	0.10000	0.00000			
9331:	61	30	31	60	29	32	850674.94208	850674.93166	0.01042	0.10000	0.00000	850674.93166	0.01042	0.5000
9332:	61	30	32	60	29	31	850674.94208	850674.93166	0.01042	0.10000	0.00000	850674.93166	0.01042	0.5000
9333:	59	31	29	58	30	28	851216.07677	851216.02261	0.05416	0.10000	0.00000	851216.02261	0.05416	0.5000
9334:	59	31	28	58	30	29	851216.07677	851216.02261	0.05416	0.10000	0.00000	851216.02261	0.05416	0.5000
9335:	57	32	26	56	31	25	851635.87182	851635.84403	0.02779	0.10000	0.00000	851635.84403	0.02779	0.5000
9336:	57	32	25	56	31	26	851635.87182	851635.84403	0.02779	0.10000	0.00000	851635.84403	0.02779	0.5000
9337:	55	33	22	54	32	23	851966.52800	851966.50534	0.02266	0.10000	0.00000	851966.50534	0.02266	0.5000
9338:	55	33	23	54	32	22	851966.52800	851966.50534	0.02266	0.10000	0.00000	851966.50534	0.02266	0.5000
9339:	53	34	19	52	33	20	852231.40802	852231.51065	-0.10263	0.10000	0.00000	852231.51065	-0.10263	0.5000
9340:	53	34	20	52	33	19	852231.40802	852231.51065	-0.10263	0.10000	0.00000	852231.51065	-0.10263	0.5000
9341:	51	35	16	50	34	17	852447.94154	852448.20598	-0.26444	0.10000	0.00000	852448.20598	-0.26444	0.5000
9342:	51	35	17	50	34	16	852447.94154	852448.20598	-0.26444	0.10000	0.00000	852448.20598	-0.26444	0.5000
9343:	49	36	13	48	35	14	852629.26529	852629.45459	-0.18930	0.10000	0.00000	852629.45459	-0.18930	0.5000
9344:	49	36	14	48	35	13	852629.26529	852629.45459	-0.18930	0.10000	0.00000	852629.45459	-0.18930	0.5000
9345:	47	37	11	46	36	10	852784.53310	852784.81259	-0.27950	0.10000	0.00000	852784.81259	-0.27950	0.5000
9346:	47	37	10	46	36	11	852784.53310	852784.81259	-0.27950	0.10000	0.00000	852784.81259	-0.27950	0.5000
9347:	45	38	7	44	37	8	852920.77251	852921.37073	-0.59822	0.10000	0.00000	852921.37073	-0.59822	0.5000
9348:	45	38	8	44	37	7	852920.77251	852921.37073	-0.59822	0.10000	0.00000	852921.37073	-0.59822	0.5000
9349:	41	40	2	40	39	1	853157.82281	853157.63996	0.18285	0.10000	0.00000	853157.63996	0.18285	0.5000
9350:	41	40	1	40	39	2	853157.82281	853157.63996	0.18285	0.10000	0.00000	853157.63996	0.18285	0.5000
9351:	68	27	41	67	26	42	854470.61947	854470.63922	-0.01975	0.10000	0.00000	854470.63919	-0.01972	0.5000
9352:	68	27	42	67	26	41	854470.61947	854470.63916	-0.01969	0.10000	0.00000	854470.63919	-0.01972	0.5000
9353:	66	28	39	65	27	38	855811.22981	855811.12382	0.10599	0.10000	0.00000	855811.12382	0.10598	0.5000
9354:	66	28	38	65	27	39	855811.22981	855811.12382	0.10598	0.10000	0.00000	855811.12382	0.10598	0.5000
9355:	64	29	35	63	28	36	856810.90356	856810.72787	0.17568	0.10000	0.00000	856810.72787	0.17568	0.5000
9356:	64	29	36	63	28	35	856810.90356	856810.72787	0.17568	0.10000	0.00000	856810.72787	0.17568	0.5000
9357:	62	30	32	61	29	33	857566.23747	857566.01838	0.21909	0.10000	0.00000	857566.01838	0.21909	0.5000
9358:	62	30	33	61	29	32	857566.23747	857566.01838	0.21909	0.10000	0.00000	857566.01838	0.21909	0.5000
9359:	60	31	30	59	30	29	858143.90532	858143.81645	0.08887	0.10000	0.00000	858143.81645	0.08887	0.5000
9360:	60	31	29	59	30	30	858143.90532	858143.81645	0.08887	0.10000	0.00000	858143.81645	0.08887	0.5000
9361:	58	32	26	57	31	27	858591.51228	858591.53153	-0.01925	0.10000	0.00000	858591.53153	-0.01925	0.5000
9362:	58	32	27	57	31	26	858591.51228	858591.53153	-0.01925	0.10000	0.00000	858591.53153	-0.01925	0.5000
9363:	56	33	24	55	32	23	858943.34929	858943.41622	-0.06693	0.10000	0.00000	858943.41622	-0.06693	0.5000
9364:	56	33	23	55	32	24	858943.34929	858943.41622	-0.06693	0.10000	0.00000	858943.41622	-0.06693	0.5000
9365:	71	26	45	70	25	46	859181.75152	859181.58312	0.16840	0.10000	0.00000	859181.57824	0.17328	0.5000
9366:	71	26	46	70	25	45	859181.75152	859181.57336	0.16840	0.10000	0.00000	859181.57824	0.17328	0.5000
9367:	54	34	20	53	33	21	859224.57736	859224.54135	0.03601	0.10000	0.00000	859224.54135	0.03601	0.5000
9368:	54	34	21	53	33	20	859224.57736	859224.54135	0.03601	0.10000	0.00000	859224.54135	0.03601	0.5000
9369:	52	35	17	51	34	18	859453.69157	859453.42250	0.26907	0.10000	0.00000	859453.42250	0.26907	0.5000
9370:	52	35	18	51	34	17	859453.69157	859453.42250	0.26907	0.10000	0.00000	859453.42250	0.26907	0.5000
9371:	50	36	14	49	35	15	859643.84300	859643.81062	0.03238	0.10000	0.00000	859643.81062	0.03238	0.5000
9372:	50	36	15	49	35	14	859643.84300	859643.81062	0.03238	0.10000	0.00000	859643.81062	0.03238	0.5000

9373:	48	37	12	47	36	11	859806.11030	859805.94452	0.16579	0.10000	0.00000	859805.94452	0.16579	0.5000
9374:	48	37	11	47	36	12	859806.11030	859805.94452	0.16579	0.10000	0.00000	859805.94452	0.16579	0.5000
9375:	46	38	8	45	37	9	859947.16832	859947.44539	-0.27707	0.10000	0.00000	859947.44539	-0.27707	0.5000
9376:	46	38	9	45	37	8	859947.16832	859947.44539	-0.27707	0.10000	0.00000	859947.44539	-0.27707	0.5000
9377:	44	39	6	43	38	5	860073.55763	860073.96698	-0.40936	0.10000	0.00000	860073.96698	-0.40936	0.5000
9378:	44	39	5	43	38	6	860073.55763	860073.96698	-0.40936	0.10000	0.00000	860073.96698	-0.40936	0.5000
9379:	42	40	2	41	39	3	860189.36589	860189.67480	-0.30890	0.10000	0.00000	860189.67480	-0.30890	0.5000
9380:	69	27	43	68	26	42	861136.92998	861136.63244	0.29754	0.10000	0.00000	861136.63251	0.29747	0.5000
9381:	69	27	42	68	26	43	861136.92998	861136.63258	0.29740	0.10000	0.00000	861136.63251	0.29747	0.5000
9382:	67	28	40	66	27	39	862570.52020	862570.24287	0.27733	0.10000	0.00000	862570.24287	0.27733	0.5000
9383:	67	28	39	66	27	40	862570.52020	862570.24287	0.27733	0.10000	0.00000	862570.24287	0.27733	0.5000
9384:	63	30	34	62	29	33	864445.33854	864445.39524	-0.05670	0.10000	0.00000	864445.39524	-0.05670	0.5000
9385:	63	30	33	62	29	34	864445.33854	864445.39524	-0.05670	0.10000	0.00000	864445.39524	-0.05670	0.5000
9386:	61	31	31	60	30	30	865062.27459	865062.19510	0.07950	0.10000	0.00000	865062.19510	0.07950	0.5000
9387:	61	31	30	60	30	31	865062.27459	865062.19510	0.07950	0.10000	0.00000	865062.19510	0.07950	0.5000
9388:	59	32	27	58	31	28	865539.45582	865539.59765	-0.14183	0.10000	0.00000	865539.59765	-0.14183	0.5000
9389:	59	32	28	58	31	27	865539.45582	865539.59765	-0.14183	0.10000	0.00000	865539.59765	-0.14183	0.5000
9390:	72	26	46	71	25	47	865684.25135	865684.12139	0.12995	0.10000	0.00000	865684.11156	0.13979	0.5000
9391:	72	26	47	71	25	46	865684.25135	865684.10172	0.14963	0.10000	0.00000	865684.11156	0.13979	0.5000
9392:	57	33	24	56	32	25	865914.04508	865914.12775	-0.08266	0.10000	0.00000	865914.12775	-0.08266	0.5000
9393:	57	33	25	56	32	24	865914.04508	865914.12775	-0.08266	0.10000	0.00000	865914.12775	-0.08266	0.5000
9394:	55	34	22	54	33	21	866212.23341	866212.51144	-0.27802	0.10000	0.00000	866212.51144	-0.27802	0.5000
9395:	55	34	21	54	33	22	866212.23341	866212.51144	-0.27802	0.10000	0.00000	866212.51144	-0.27802	0.5000
9396:	53	35	18	52	34	19	866454.66112	866454.49669	0.16443	0.10000	0.00000	866454.49669	0.16443	0.5000
9397:	53	35	19	52	34	18	866454.66112	866454.49669	0.16443	0.10000	0.00000	866454.49669	0.16443	0.5000
9398:	51	36	15	50	35	16	866655.15765	866654.76814	0.38951	0.10000	0.00000	866654.76814	0.38951	0.5000
9399:	51	36	16	50	35	15	866655.15765	866654.76814	0.38951	0.10000	0.00000	866654.76814	0.38951	0.5000
9400:	49	37	13	48	36	12	866823.89621	866824.28176	-0.38554	0.10000	0.00000	866824.28176	-0.38554	0.5000
9401:	49	37	12	48	36	13	866823.89621	866824.28176	-0.38554	0.10000	0.00000	866824.28176	-0.38554	0.5000
9402:	45	39	7	44	38	6	867101.31881	867101.65992	-0.34111	0.10000	0.00000	867101.65992	-0.34111	0.5000
9403:	45	39	6	44	38	7	867101.31881	867101.65992	-0.34111	0.10000	0.00000	867101.65992	-0.34111	0.5000
9404:	43	40	4	42	39	3	867220.44788	867220.12385	0.32403	0.10000	0.00000	867220.12385	0.32403	0.5000
9405:	43	40	3	42	39	4	867220.44788	867220.12385	0.32403	0.10000	0.00000	867220.12385	0.32403	0.5000
9406:	41	41	1	40	40	0	867329.98850	867329.91469	0.07380	0.10000	0.00000	867329.91469	0.07380	0.5000
9407:	41	41	0	40	40	1	867329.98850	867329.91469	0.07380	0.10000	0.00000	867329.91469	0.07380	0.5000
9408:	68	28	40	67	27	41	869309.90106	869309.70415	0.19691	0.10000	0.00000	869309.70415	0.19691	0.5000
9409:	68	28	41	67	27	40	869309.90106	869309.70415	0.19691	0.10000	0.00000	869309.70415	0.19691	0.5000
9410:	66	29	38	65	28	37	870451.05590	870451.00632	0.04959	0.10000	0.00000	870451.00632	0.04959	0.5000
9411:	66	29	37	65	28	38	870451.05590	870451.00632	0.04959	0.10000	0.00000	870451.00632	0.04959	0.5000
9412:	64	30	34	63	29	35	871312.49134	871312.48829	0.00305	0.10000	0.00000	871312.48829	0.00305	0.5000
9413:	64	30	35	63	29	34	871312.49134	871312.48829	0.00305	0.10000	0.00000	871312.48829	0.00305	0.5000
9414:	62	31	61	60	30	32	871970.89346	871970.69408	0.19939	0.10000	0.00000	871970.69408	0.19939	0.5000
9415:	62	31	62	61	30	31	871970.89346	871970.69408	0.19939	0.10000	0.00000	871970.69408	0.19939	0.5000
9416:	60	32	29	59	31	28	872479.51129	872479.65955	-0.14826	0.10000	0.00000	872479.65955	-0.14826	0.5000
9417:	60	32	28	59	31	29	872479.51129	872479.65955	-0.14826	0.10000	0.00000	872479.65955	-0.14826	0.5000
9418:	58	33	26	57	32	25	872878.20721	872878.32009	-0.11288	0.10000	0.00000	872878.32009	-0.11288	0.5000
9419:	58	33	25	57	32	26	872878.20721	872878.32009	-0.11288	0.10000	0.00000	872878.32009	-0.11288	0.5000
9420:	56	34	23	55	33	22	873194.99319	873195.15103	-0.15784	0.10000	0.00000	873195.15103	-0.15784	0.5000
9421:	56	34	22	55	33	23	873194.99319	873195.15103	-0.15784	0.10000	0.00000	873195.15103	-0.15784	0.5000

9422:	54	35	20	53	34	19	873450.98083	873451.19918	-0.21835	0.10000	0.00000	873451.19918	-0.21835	0.5000
9423:	54	35	19	53	34	20	873450.98083	873451.19918	-0.21835	0.10000	0.00000	873451.19918	-0.21835	0.5000
9424:	52	36	17	51	35	16	873661.59072	873662.13120	-0.54048	0.10000	0.00000	873662.13120	-0.54048	0.5000
9425:	52	36	16	51	35	17	873661.59072	873662.13120	-0.54048	0.10000	0.00000	873662.13120	-0.54048	0.5000
9426:	50	37	14	49	36	13	873839.44555	873839.65643	-0.21087	0.10000	0.00000	873839.65643	-0.21087	0.5000
9427:	50	37	13	49	36	14	873839.44555	873839.65643	-0.21087	0.10000	0.00000	873839.65643	-0.21087	0.5000
9428:	42	41	2	41	40	1	874361.13198	874360.80702	0.32496	0.10000	0.00000	874360.80702	0.32496	0.5000
9429:	69	28	41	68	27	42	876028.80232	876028.50763	0.29469	0.10000	0.00000	876028.50763	0.29469	0.5000
9430:	69	28	42	68	27	41	876028.80232	876028.50762	0.29470	0.10000	0.00000	876028.50762	0.29469	0.5000
9431:	63	31	33	62	30	32	878868.89987	878868.83245	0.06743	0.10000	0.00000	878868.83245	0.06743	0.5000
9432:	63	31	32	62	30	33	878868.89987	878868.83245	0.06743	0.10000	0.00000	878868.83245	0.06743	0.5000
9433:	61	32	30	60	31	29	879411.24474	879411.32177	-0.07703	0.10000	0.00000	879411.32177	-0.07703	0.5000
9434:	61	32	29	60	31	30	879411.24474	879411.32177	-0.07703	0.10000	0.00000	879411.32177	-0.07703	0.5000
9435:	59	33	27	58	32	26	879835.68083	879835.66332	0.01751	0.10000	0.00000	879835.66332	0.01751	0.5000
9436:	59	33	26	58	32	27	879835.68083	879835.66332	0.01751	0.10000	0.00000	879835.66332	0.01751	0.5000
9437:	57	34	24	56	33	23	880172.21393	880172.18194	0.03199	0.10000	0.00000	880172.18194	0.03199	0.5000
9438:	57	34	23	56	33	24	880172.21393	880172.18194	0.03199	0.10000	0.00000	880172.18194	0.03199	0.5000
9439:	55	35	20	54	34	21	880443.24288	880443.29357	-0.05068	0.10000	0.00000	880443.29357	-0.05068	0.5000
9440:	55	35	21	54	34	20	880443.24288	880443.29357	-0.05068	0.10000	0.00000	880443.29357	-0.05068	0.5000
9441:	53	36	18	52	35	17	880665.14910	880665.69784	-0.54874	0.10000	0.00000	880665.69784	-0.54874	0.5000
9442:	53	36	17	52	35	18	880665.14910	880665.69784	-0.54874	0.10000	0.00000	880665.69784	-0.54874	0.5000
9443:	51	37	14	50	36	15	880851.64352	880851.89532	-0.25180	0.10000	0.00000	880851.89532	-0.25180	0.5000
9444:	51	37	15	50	36	14	880851.64352	880851.89532	-0.25180	0.10000	0.00000	880851.89532	-0.25180	0.5000
9445:	49	38	11	48	37	12	881010.80095	881011.26215	-0.46119	0.10000	0.00000	881011.26215	-0.46119	0.5000
9446:	49	38	12	48	37	11	881010.80095	881011.26215	-0.46119	0.10000	0.00000	881011.26215	-0.46119	0.5000
9447:	47	39	8	46	38	9	881151.09359	881150.82612	0.26747	0.10000	0.00000	881150.82612	0.26747	0.5000
9448:	47	39	9	46	38	8	881151.09359	881150.82612	0.26747	0.10000	0.00000	881150.82612	0.26747	0.5000
9449:	45	40	6	44	39	5	881275.78838	881275.83623	-0.04785	0.10000	0.00000	881275.83623	-0.04785	0.5000
9450:	45	40	5	44	39	6	881275.78838	881275.83623	-0.04785	0.10000	0.00000	881275.83623	-0.04785	0.5000
9451:	43	41	3	42	40	2	881390.26006	881390.18611	0.07395	0.10000	0.00000	881390.18611	0.07395	0.5000
9452:	43	41	2	42	40	3	881390.26006	881390.18611	0.07395	0.10000	0.00000	881390.18611	0.07395	0.5000
9453:	68	29	40	67	28	39	884026.81049	884026.50054	0.30995	0.10000	0.00000	884026.50054	0.30995	0.5000
9454:	68	29	39	67	28	40	884026.81049	884026.50054	0.30995	0.10000	0.00000	884026.50054	0.30995	0.5000
9455:	66	30	36	65	29	37	885007.56120	885007.41421	0.14699	0.10000	0.00000	885007.41421	0.14699	0.5000
9456:	66	30	37	65	29	36	885007.56120	885007.41421	0.14699	0.10000	0.00000	885007.41421	0.14699	0.5000
9457:	64	31	34	63	30	33	885756.37636	885756.11206	0.26430	0.10000	0.00000	885756.11206	0.26430	0.5000
9458:	64	31	33	63	30	34	885756.37636	885756.11206	0.26430	0.10000	0.00000	885756.11206	0.26430	0.5000
9459:	62	32	30	61	31	31	886334.24907	886334.17570	0.07337	0.10000	0.00000	886334.17570	0.07337	0.5000
9460:	62	32	31	61	31	30	886334.24907	886334.17570	0.07337	0.10000	0.00000	886334.17570	0.07337	0.5000
9461:	60	33	28	59	32	27	886785.75675	886785.81714	-0.06039	0.10000	0.00000	886785.81714	-0.06039	0.5000
9462:	60	33	27	59	32	28	886785.75675	886785.81714	-0.06039	0.10000	0.00000	886785.81714	-0.06039	0.5000
9463:	58	34	24	57	33	25	887143.06206	887143.31749	-0.25543	0.10000	0.00000	887143.31749	-0.25543	0.5000
9464:	58	34	25	57	33	24	887143.06206	887143.31749	-0.25543	0.10000	0.00000	887143.31749	-0.25543	0.5000
9465:	56	35	21	55	34	22	887430.35704	887430.53631	-0.17928	0.10000	0.00000	887430.53631	-0.17928	0.5000
9466:	56	35	22	55	34	21	887430.35704	887430.53631	-0.17928	0.10000	0.00000	887430.53631	-0.17928	0.5000
9467:	54	36	18	53	35	19	887665.43415	887665.25991	0.17424	0.10000	0.00000	887665.25991	0.17424	0.5000
9468:	54	36	19	53	35	18	887665.44409	887665.25991	0.18418	0.10000	0.00000	887665.25991	0.18418	0.5000
9469:	52	37	16	51	36	15	887860.86618	887860.81984	0.04633	0.10000	0.00000	887860.81984	0.04633	0.5000
9470:	52	37	15	51	36	16	887860.86618	887860.81984	0.04633	0.10000	0.00000	887860.81984	0.04633	0.5000

9471:	50	38	13	49	37	12	888027.46344	888027.23580	0.22763	0.10000	0.00000	888027.23580	0.22763	0.5000
9472:	50	38	12	49	37	13	888027.46344	888027.23580	0.22763	0.10000	0.00000	888027.23580	0.22763	0.5000
9473:	48	39	9	47	38	10	888172.13191	888172.03906	0.09284	0.10000	0.00000	888172.03906	0.09284	0.5000
9474:	48	39	10	47	38	9	888172.13191	888172.03906	0.09284	0.10000	0.00000	888172.03906	0.09284	0.5000
9475:	46	40	6	45	39	7	888301.05550	888300.87557	0.17992	0.10000	0.00000	888300.87557	0.17992	0.5000
9476:	46	40	7	45	39	6	888301.05550	888300.87557	0.17992	0.10000	0.00000	888300.87557	0.17992	0.5000
9477:	44	41	4	43	40	3	888417.93811	888417.95391	-0.01580	0.10000	0.00000	888417.95391	-0.01580	0.5000
9478:	44	41	3	43	40	4	888417.93811	888417.95391	-0.01580	0.10000	0.00000	888417.95391	-0.01580	0.5000
9479:	42	42	1	41	41	0	888526.24509	888526.38179	-0.13671	0.10000	0.00000	888526.38179	-0.13671	0.5000
9480:	42	42	0	41	41	1	888526.24509	888526.38179	-0.13671	0.10000	0.00000	888526.38179	-0.13671	0.5000
9481:	71	28	44	70	27	43	889399.56683	889399.87498	-0.30815	0.10000	0.00000	889399.87500	-0.30817	0.5000
9482:	71	28	43	70	27	44	889399.56683	889399.87502	-0.30819	0.10000	0.00000	889399.87500	-0.30817	0.5000
9483:	69	29	41	68	28	40	890787.79911	890787.94774	-0.14863	0.10000	0.00000	890787.94774	-0.14863	0.5000
9484:	69	29	40	68	28	41	890787.79911	890787.94774	-0.14863	0.10000	0.00000	890787.94774	-0.14863	0.5000
9485:	65	31	34	64	30	35	892632.18691	892632.01669	0.17022	0.10000	0.00000	892632.01669	0.17022	0.5000
9486:	65	31	35	64	30	34	892632.18691	892632.01669	0.17022	0.10000	0.00000	892632.01669	0.17022	0.5000
9487:	63	32	31	62	31	32	893247.70494	893247.79908	-0.09414	0.10000	0.00000	893247.79908	-0.09414	0.5000
9488:	63	32	32	62	31	31	893247.70494	893247.79908	-0.09414	0.10000	0.00000	893247.79908	-0.09414	0.5000
9489:	61	33	28	60	32	29	893728.46394	893728.43047	0.03347	0.10000	0.00000	893728.43047	0.03347	0.5000
9490:	61	33	29	60	32	28	893728.46394	893728.43047	0.03347	0.10000	0.00000	893728.43047	0.03347	0.5000
9491:	59	34	26	58	33	25	894108.05919	894108.26224	-0.20305	0.10000	0.00000	894108.26224	-0.20305	0.5000
9492:	59	34	25	58	33	26	894108.05919	894108.26224	-0.20305	0.10000	0.00000	894108.26224	-0.20305	0.5000
9493:	57	35	23	56	34	22	894413.14433	894412.67658	0.46775	0.10000	0.00000	894412.67658	0.46775	0.5000
9494:	57	35	22	56	34	23	894413.14433	894412.67658	0.46775	0.10000	0.00000	894412.67658	0.46775	0.5000
9495:	55	36	19	54	35	20	894660.35407	894660.60304	-0.24897	0.10000	0.00000	894660.60304	-0.24897	0.5000
9496:	55	36	20	54	35	19	894660.35407	894660.60304	-0.24897	0.10000	0.00000	894660.60304	-0.24897	0.5000
9497:	53	37	16	52	36	17	894866.33339	894866.24593	0.08746	0.10000	0.00000	894866.24593	0.08746	0.5000
9498:	53	37	17	52	36	16	894866.33339	894866.24593	0.08746	0.10000	0.00000	894866.24593	0.08746	0.5000
9499:	51	38	14	50	37	13	895040.20576	895040.30006	-0.09430	0.10000	0.00000	895040.30006	-0.09430	0.5000
9500:	51	38	13	50	37	14	895040.20576	895040.30006	-0.09430	0.10000	0.00000	895040.30006	-0.09430	0.5000
9501:	49	39	11	48	38	10	895190.77648	895190.82445	-0.04797	0.10000	0.00000	895190.82445	-0.04797	0.5000
9502:	49	39	10	48	38	11	895190.77648	895190.82445	-0.04797	0.10000	0.00000	895190.82445	-0.04797	0.5000
9503:	47	40	7	46	39	8	895324.01414	895323.88112	0.13302	0.10000	0.00000	895323.88112	0.13302	0.5000
9504:	47	40	8	46	39	7	895324.01414	895323.88112	0.13302	0.10000	0.00000	895323.88112	0.13302	0.5000
9505:	45	41	4	44	40	5	895444.21443	895444.00879	0.20564	0.10000	0.00000	895444.00879	0.20564	0.5000
9506:	45	41	5	44	40	4	895444.21443	895444.00879	0.20564	0.10000	0.00000	895444.00879	0.20564	0.5000
9507:	43	42	2	42	41	1	895554.45108	895554.57844	-0.12736	0.10000	0.00000	895554.57844	-0.12736	0.5000
9508:	43	42	1	42	41	2	895554.45108	895554.57844	-0.12736	0.10000	0.00000	895554.57844	-0.12736	0.5000
9509:	70	29	41	69	28	42	897530.80846	897530.71684	0.09162	0.10000	0.00000	897530.71684	0.09162	0.5000
9510:	70	29	42	69	28	41	897530.80846	897530.71684	0.09162	0.10000	0.00000	897530.71684	0.09162	0.5000
9511:	68	30	38	67	29	38	898645.85753	898645.73402	0.12351	0.10000	0.00000	898645.73402	0.12351	0.5000
9512:	68	30	39	67	29	39	898645.85753	898645.73402	0.12351	0.10000	0.00000	898645.73402	0.12351	0.5000
9513:	64	32	63	61	31	33	900151.68380	900151.75538	-0.07158	0.10000	0.00000	900151.75538	-0.07158	0.5000
9514:	64	32	63	63	31	32	900151.68380	900151.75538	-0.07158	0.10000	0.00000	900151.75538	-0.07158	0.5000
9515:	62	33	60	61	32	29	900663.38027	900663.14114	0.23913	0.10000	0.00000	900663.14114	0.23913	0.5000
9516:	62	33	29	61	32	30	900663.38027	900663.14114	0.23913	0.10000	0.00000	900663.14114	0.23913	0.5000
9517:	60	34	27	59	33	26	901066.68671	901066.71180	-0.02509	0.10000	0.00000	901066.71180	-0.02509	0.5000
9518:	60	34	26	59	33	27	901066.68671	901066.71180	-0.02509	0.10000	0.00000	901066.71180	-0.02509	0.5000
9519:	58	35	23	57	34	24	901389.24527	901389.45605	-0.21078	0.10000	0.00000	901389.45605	-0.21078	0.5000

9520:	58	35	24	57	34	23	901389.24527	901389.45605	-0.21078	0.10000	0.00000	901389.45605	-0.21078	0.5000
9521:	56	36	21	55	35	20	901651.43368	901651.50648	-0.07280	0.10000	0.00000	901651.50648	-0.07280	0.5000
9522:	56	36	20	55	35	21	901651.43368	901651.50648	-0.07280	0.10000	0.00000	901651.50648	-0.07280	0.5000
9523:	54	37	18	53	36	17	901868.19754	901867.98400	0.21354	0.10000	0.00000	901867.98400	0.21354	0.5000
9524:	54	37	17	53	36	18	901868.19754	901867.98400	0.21354	0.10000	0.00000	901867.98400	0.21354	0.5000
9525:	52	38	14	51	37	15	902050.56221	902050.29153	0.27068	0.10000	0.00000	902050.29153	0.27068	0.5000
9526:	52	38	15	51	37	14	902050.56221	902050.29153	0.27068	0.10000	0.00000	902050.29153	0.27068	0.5000
9527:	50	39	11	49	38	12	902206.97004	902207.04122	-0.07119	0.10000	0.00000			
9528:	50	39	12	49	38	11	902207.44227	902207.04122	0.40104	0.10000	0.00000			
9529:	48	40	9	47	39	8	902344.81303	902344.73100	0.08203	0.10000	0.00000	902344.73100	0.08203	0.5000
9530:	48	40	8	47	39	9	902344.81303	902344.73100	0.08203	0.10000	0.00000	902344.73100	0.08203	0.5000
9531:	46	41	6	45	40	5	902468.42095	902468.24547	0.17548	0.10000	0.00000	902468.24547	0.17548	0.5000
9532:	46	41	5	45	40	6	902468.42095	902468.24547	0.17548	0.10000	0.00000	902468.24547	0.17548	0.5000
9533:	44	42	3	43	41	2	902581.17028	902581.23160	-0.06132	0.10000	0.00000	902581.23160	-0.06132	0.5000
9534:	44	42	2	43	41	3	902581.17028	902581.23160	-0.06132	0.10000	0.00000	902581.23160	-0.06132	0.5000
9535:	71	29	43	70	28	42	904253.99094	904253.89747	0.09347	0.10000	0.00000			
9536:	69	30	39	68	29	40	905442.22363	905441.96983	0.25380	0.10000	0.00000	905441.96983	0.25380	0.5000
9537:	69	30	40	68	29	39	905442.22363	905441.96983	0.25380	0.10000	0.00000	905441.96983	0.25380	0.5000
9538:	65	32	33	64	31	34	907046.00337	907045.59318	0.41020	0.10000	0.00000	907045.59318	0.41020	0.5000
9539:	65	32	34	64	31	33	907046.00337	907045.59318	0.41020	0.10000	0.00000	907045.59318	0.41020	0.5000
9540:	61	34	28	60	33	27	908018.88360	908018.35250	0.53109	0.10000	0.00000	908018.35250	0.53109	0.5000
9541:	61	34	27	60	33	28	908018.88360	908018.35250	0.53109	0.10000	0.00000	908018.35250	0.53109	0.5000
9542:	59	35	24	58	34	25	908360.48654	908360.60877	-0.12222	0.10000	0.00000	908360.60877	-0.12222	0.5000
9543:	59	35	25	58	34	24	908360.48654	908360.60877	-0.12222	0.10000	0.00000	908360.60877	-0.12222	0.5000
9544:	57	36	22	56	35	21	908637.33624	908637.74301	-0.40676	0.10000	0.00000	908637.74301	-0.40676	0.5000
9545:	57	36	21	56	35	22	908637.33624	908637.74301	-0.40676	0.10000	0.00000	908637.74301	-0.40676	0.5000
9546:	55	37	19	54	36	18	908866.20017	908865.83886	0.36131	0.10000	0.00000	908865.83886	0.36131	0.5000
9547:	55	37	18	54	36	19	908866.20017	908865.83886	0.36131	0.10000	0.00000	908865.83886	0.36131	0.5000
9548:	53	38	16	52	37	15	909056.94039	909057.04190	-0.10151	0.10000	0.00000	909057.04190	-0.10151	0.5000
9549:	53	38	15	52	37	16	909056.94039	909057.04190	-0.10151	0.10000	0.00000	909057.04190	-0.10151	0.5000
9550:	51	39	12	50	38	13	909220.65691	909220.54391	0.11300	0.10000	0.00000	909220.54391	0.11300	0.5000
9551:	51	39	13	50	38	12	909220.65691	909220.54391	0.11300	0.10000	0.00000	909220.54391	0.11300	0.5000
9552:	47	41	6	46	40	7	909490.92569	909490.55503	0.37066	0.10000	0.00000			
9553:	47	41	7	46	40	6	909491.21919	909490.55503	0.66416	0.10000	0.00000			
9554:	45	42	4	44	41	3	909606.47826	909606.24710	0.23116	0.10000	0.00000	909606.24710	0.23116	0.5000
9555:	45	42	3	44	41	4	909606.47826	909606.24710	0.23116	0.10000	0.00000	909606.24710	0.23116	0.5000
9556:	43	43	1	42	42	0	909713.50188	909713.30105	0.20083	0.10000	0.00000	909713.30105	0.20083	0.5000
9557:	43	43	0	42	42	1	909713.50188	909713.30105	0.20083	0.10000	0.00000	909713.30105	0.20083	0.5000
9558:	72	29	44	71	28	43	910956.82517	910956.53411	0.29105	0.10000	0.00000	910956.53411	0.29105	0.5000
9559:	72	29	43	71	28	44	910956.82517	910956.53411	0.29105	0.10000	0.00000	910956.53411	0.29105	0.5000
9560:	68	31	37	67	30	38	913186.25114	913186.02716	0.22398	0.10000	0.00000	913186.02716	0.22398	0.5000
9561:	68	31	38	67	30	37	913186.25114	913186.02716	0.22398	0.10000	0.00000	913186.02716	0.22398	0.5000
9562:	66	32	34	65	31	35	913928.74085	913928.84549	-0.10464	0.10000	0.00000	913928.84549	-0.10464	0.5000
9563:	66	32	35	65	31	34	913928.74085	913928.84549	-0.10464	0.10000	0.00000	913928.84549	-0.10464	0.5000
9564:	64	33	31	63	32	32	914507.18932	914507.34759	-0.15827	0.10000	0.00000	914507.34759	-0.15827	0.5000
9565:	64	33	32	63	32	31	914507.18932	914507.34759	-0.15827	0.10000	0.00000	914507.34759	-0.15827	0.5000
9566:	62	34	29	61	33	28	914962.55401	914962.86115	-0.30713	0.10000	0.00000	914962.86115	-0.30713	0.5000
9567:	62	34	28	61	33	29	914962.55401	914962.86115	-0.30713	0.10000	0.00000	914962.86115	-0.30713	0.5000
9568:	60	35	26	59	34	25	915325.93231	915325.86093	0.07138	0.10000	0.00000	915325.86093	0.07138	0.5000

```

9569: 60 35 25 59 34 26
9570: 58 36 22 57 35 23
9571: 56 36 23 57 35 22
9572: 56 37 19 55 36 20
9573: 56 37 20 55 36 19
9574: 54 38 17 53 37 16
9575: 54 38 16 53 37 17
9576: 52 39 14 51 38 13

```

NORMALIZED DIAGONAL:

```

1 1.00000E+00 2 9.08259E-01 3 4.86126E-01 4 1.07861E-01 5 1.79710E-01 6 1.49503E-01
7 1.16568E-01 8 9.98925E-01 9 5.25305E-01 10 7.45686E-01 11 1.08954E-01 12 8.06748E-01
13 7.98017E-01 14 2.68805E-01 15 2.45070E-01

```

MARQUARDT PARAMETER = 0, TRUST EXPANSION = 1.00

NEW PARAMETER EST. ERROR -- CHANGE THIS ITERATION

```

1 10696.089826149 0.000002
2 4051.031331 46 -0.000000
3 2994.662085 40 -0.000000
4 200 -0.8167251 92E-03 0.000000E-03
5 1100 -3.212058 55E-03 -0.000000E-03
6 2000 -5.686509208E-03 -0.000000E-03
7 40100 -0.2096338 42E-03 -0.000000E-03
8 41000 -2.622294 78E-03 0.000000E-03
9 300 -0.61 71E-12 -0.00E-12
10 1200 HJK -6.1358191E-09 -0.0001E-09
11 2100 HKJ -0.024253 73E-06 0.000001E-06
12 3000 HK 0.049438 94E-06 0.000003E-06
13 40200 hJ 0.03117 36E-09 0.000000E-09
14 41100 hJK -2.7946100E-09 -0.0001E-09
15 42000 hK 0.015627163E-06 -0.000000E-06

```

MICROWAVE AVG = -0.000312 MHz, IR AVG = 0.00000

MICROWAVE RMS = 0.099286 MHz, IR RMS = 0.00000

END OF ITERATION 1 OLD, NEW RMS ERROR= 1.10175 1.10175

```

1 2 0.357934 1 3 0.233412 1 4 -0.136066 1 5 -0.621875 1 6 -0.678204 1 7 -0.133628 1 8 0.130671 1 9 0.032998
1 10 -0.012792 1 11 0.303846 1 12 0.381703 1 13 0.058529 1 14 -0.112677 1 15 -0.082823 2 1 0.357934 2 3 0.514170
2 4 -0.804115 2 5 -0.176718 2 6 -0.059097 2 7 -0.594136 2 8 -0.073941 2 9 0.700428 2 10 0.045020 2 11 0.031020
2 12 0.021921 2 13 0.567987 2 14 0.194721 2 15 0.015009 3 1 0.233412 3 2 0.514170 3 4 -0.629704 3 5 -0.228035
3 6 0.057790 3 7 0.309811 3 8 0.063778 3 9 0.330923 3 10 0.061907 3 11 0.017418 3 12 -0.045061 3 13 -0.236737
3 14 -0.120241 3 15 -0.053480 4 1 -0.136066 4 2 -0.804115 4 3 -0.629704 4 5 -0.015318 4 6 -0.061260 4 7 0.313243
4 8 0.270398 4 9 -0.900929 4 10 -0.092871 4 11 0.048824 4 12 0.040581 4 13 -0.414051 4 14 -0.277248 4 15 -0.091869
5 1 -0.621875 5 2 -0.176718 5 3 -0.228035 5 4 -0.015318 5 6 0.029636 5 7 -0.025609 5 8 -0.146242 5 9 0.186262
5 10 -0.106302 5 11 -0.323283 5 12 0.153325 5 13 0.150666 5 14 0.106590 6 1 -0.678204 6 2 -0.059097
6 3 0.057790 6 4 -0.061260 6 5 0.029636 6 7 0.092392 6 8 -0.178409 6 9 0.046866 6 10 0.146564 6 11 -0.221563
6 12 -0.748305 6 13 -0.059011 6 14 0.169595 6 15 0.081897 7 1 -0.133628 7 2 -0.594136 7 3 0.309811 7 4 0.313243
7 5 -0.025609 7 6 0.092392 7 8 0.016226 7 9 -0.519476 7 10 0.083043 7 11 -0.073784 7 12 -0.018375 7 13 -0.943270
7 14 -0.284018 7 15 -0.002628 8 1 0.130671 8 2 -0.073941 8 3 0.063778 8 4 0.270398 8 5 -0.146242 8 6 -0.178409
8 7 0.016226 8 9 -0.372235 8 10 -0.374642 8 11 0.341219 8 12 -0.003076 8 13 -0.119357 8 14 -0.825964 8 15 -0.449972
9 1 0.032998 9 2 0.700428 9 3 0.330923 9 4 -0.900929 9 5 0.186262 9 6 0.046866 9 7 -0.519476 9 8 -0.372235
9 10 -0.026130 9 11 -0.007156 9 12 -0.064256 9 13 0.641530 9 14 0.480500 9 15 0.059991 10 1 -0.012792 10 2 0.045020
10 3 0.061907 10 4 -0.092871 10 5 -0.106302 10 6 0.146564 10 7 0.083043 10 8 -0.374642 10 9 -0.026130 10 11 -0.856934

```

```

10 12 0.362078 10 13 0.013340 10 14 0.197606 10 15 0.937335 11 1 0.303846 11 2 0.031020 11 3 0.017418 11 4 0.048824
11 5 -0.323283 11 6 -0.221563 11 7 -0.073784 11 8 0.341219 11 9 -0.007156 11 10 -0.856934 11 12 -0.420390 11 13 -0.051089
11 14 -0.233641 11 15 -0.835425 12 1 0.381703 12 2 0.021921 12 3 -0.045061 12 4 0.040581 12 5 0.153325 12 6 -0.748305
12 7 -0.018375 12 8 -0.003076 12 9 -0.064256 12 10 0.362078 12 11 -0.420390 12 13 0.050328 12 14 -0.020133 12 15 0.368567
13 1 0.058529 13 2 0.567987 13 3 -0.236737 13 4 -0.414051 13 5 0.150666 13 6 -0.059011 13 7 -0.943270 13 8 -0.119357
13 9 0.641530 13 10 0.013340 13 11 -0.051089 13 12 0.050328 13 14 0.315686 13 15 0.140803 14 1 -0.112677 14 2 0.194721
14 3 -0.120241 14 4 -0.277248 14 5 0.119814 14 6 0.169595 14 7 -0.284018 14 8 -0.825964 14 9 0.480500 14 10 0.197606
14 11 -0.233641 14 12 -0.020133 14 13 0.315686 14 15 0.226725 15 1 -0.082823 15 2 0.015009 15 3 -0.053480 15 4 -0.091869
15 5 0.106590 15 6 0.081897 15 7 -0.002628 15 8 -0.449972 15 9 0.059991 15 10 0.937335 15 11 -0.835425 15 12 0.368567
15 13 0.140803 15 14 0.226725

```

Glycolic acid, gs of the principal conformer Fri Aug 14 Thu May 18 08:30:17 2023

2 AAT conformer fit file

```

Glycolic acid AAT
LINES REQUESTED= 404 NUMBER OF PARAMETERS= 8 NUMBER OF ITERATIONS= 5
MARQUADT PARAMETER = 0.0000E+00 max OBS-CALC/ERROR =1.0000E+02
PARAMETERS - A.PRIORI ERROR
1 1 10000 1.027355291264E+04 1.000000E+03 A
2 2 20000 4.2070089551780E+03 1.000000E+02 B
3 3 30000 3.0484933249137E+03 1.000000E+02 C
4 4 200 -8.8549801574921E-04 1.000000E+00 -DJ
5 5 1100 -3.1922757932535E-03 1.000000E+00 -DJK
6 6 2000 -3.0540556260157E-03 1.000000E+00 -DK
7 7 40100 -2.5082106433065E-04 1.000000E+00 -dJ
8 8 41000 -2.6559417486863E-03 1.000000E+00 -dK
8 parameters read, 8 independent parameters
ENERGY SORT OF WANG SUB-BLOCKS
PROLATE ROTOR
V KMIN KMAX WTPL WTMN ESYMT NSYM SPINS
0 0 72 1 1 99 2
BLOCK - WT - SYM - V - TSP - N - other quanta rel. to F=0
1 1 x 0 0
2 1 c 0 0
3 1 b 0 0
4 1 a 0 0
Maximum Dimension for Hamiltonian = 37
EXP.FREQ. - CALC.FREQ. - DIFF. - EXP.ERR.- EST.ERR.-AVG. CALC.FREQ. - DIFF. - WT.
1: 7 2 6 6 2 5 49648.70700 49648.73159 -0.02459 0.05000 0.00000
2: 5 2 4 4 1 3 50412.05100 50411.98720 0.06380 0.05000 0.00000
3: 8 0 8 7 1 7 51291.38300 51291.48548 -0.10248 0.05000 0.00000
4: 7 3 5 6 3 4 51404.01200 51403.99787 0.01413 0.05000 0.00000
5: 7 4 4 6 4 3 51500.35000 51500.20148 0.14852 0.05000 0.00000

```


55:	27	1	26	26	1	25	173274.35117	173274.39426	-0.04309	0.05000	0.00000	173274.38499	-0.03383	0.5000
56:	28	1	28	27	1	27	173574.13012	173574.16668	-0.03655	0.05000	0.00000	173574.16673	-0.03660	0.5000
57:	28	0	28	27	0	27	173574.13012	173574.16678	-0.03665	0.05000	0.00000	173574.16673	-0.03660	0.5000
58:	24	4	20	23	4	19	173600.42250	173600.53349	-0.11099	0.05000	0.00000			
59:	26	4	23	25	4	22	178930.04077	178930.04706	-0.00629	0.05000	0.00000			
60:	26	3	23	25	3	22	178958.14154	178958.04609	0.09546	0.05000	0.00000			
61:	28	2	27	27	2	26	179366.38722	179366.30536	0.08186	0.05000	0.00000	179366.30976	0.07746	0.5000
62:	28	1	27	27	1	26	179366.38722	179366.31416	0.07306	0.05000	0.00000	179366.30976	0.07746	0.5000
63:	25	4	21	24	4	20	179393.07859	179393.24034	-0.16175	0.05000	0.00000			
64:	24	9	15	23	9	14	179400.91049	179400.77705	0.13343	0.05000	0.00000			
65:	30	4	27	29	4	26	203238.94630	203238.95352	-0.00722	0.05000	0.00000			
66:	30	3	27	29	3	26	203241.11749	203241.12999	-0.01251	0.05000	0.00000			
67:	32	5	28	31	5	27	221348.68730	221348.83287	-0.14557	0.05000	0.00000			
68:	32	4	28	31	4	27	221359.66906	221359.58808	0.08098	0.05000	0.00000			
69:	31	6	26	30	6	25	221378.20513	221377.99465	0.21048	0.05000	0.00000			
70:	33	4	30	32	4	29	221480.69281	221480.62319	0.06963	0.05000	0.00000	221480.76918	-0.07636	0.5000
71:	33	3	30	32	3	29	221480.69281	221480.91516	-0.22235	0.05000	0.00000	221480.76918	-0.07636	0.5000
72:	38	3	36	37	3	35	246069.81104	246069.84682	-0.03578	0.05000	0.00000	246069.84694	-0.03590	0.5000
73:	38	2	36	37	2	35	246069.81104	246069.84707	-0.03603	0.05000	0.00000	246069.84694	-0.03590	0.5000
74:	39	2	38	38	2	37	246362.87786	246362.83464	0.04321	0.05000	0.00000	246362.83464	0.04321	0.5000
75:	39	1	38	38	1	37	246362.87786	246362.83465	0.04321	0.05000	0.00000	246362.83464	0.04321	0.5000
76:	40	1	40	39	1	39	246670.55123	246670.56112	-0.00990	0.05000	0.00000	246670.56112	-0.00990	0.5000
77:	40	0	40	39	0	39	246670.55123	246670.56112	-0.00990	0.05000	0.00000	246670.56112	-0.00990	0.5000
78:	36	5	31	35	5	30	251650.07228	251650.02397	0.04831	0.05000	0.00000			
79:	37	5	33	36	5	32	251700.27064	251699.94779	0.32285	0.05000	0.00000	251700.16513	0.10550	0.5000
80:	37	4	33	36	4	32	251700.27064	251700.38248	-0.11185	0.05000	0.00000	251700.16513	0.10550	0.5000
81:	35	7	29	34	7	28	251766.94944	251766.88828	0.06116	0.05000	0.00000			
82:	38	4	35	37	4	34	251895.31220	251895.24535	0.06685	0.05000	0.00000	251895.24988	0.06232	0.5000
83:	38	3	35	37	3	34	251895.31220	251895.25441	0.05779	0.05000	0.00000	251895.24988	0.06232	0.5000
84:	35	6	29	34	6	28	252032.57301	252032.66448	-0.09147	0.05000	0.00000			
85:	39	3	37	38	3	36	252157.41742	252157.29115	0.12626	0.05000	0.00000	252157.29121	0.12620	0.5000
86:	39	2	37	38	2	36	252157.41742	252157.29127	0.12614	0.05000	0.00000	252157.29121	0.12620	0.5000
87:	40	2	39	39	2	38	252451.59973	252451.62993	-0.03021	0.05000	0.00000	252451.62993	-0.03021	0.5000
88:	40	1	39	39	1	38	252451.59973	252451.62993	-0.03021	0.05000	0.00000	252451.62993	-0.03021	0.5000
89:	41	0	41	40	0	40	252759.71051	252759.74028	-0.02978	0.05000	0.00000	252759.74028	-0.02978	0.5000
90:	41	1	41	40	1	40	252759.71051	252759.74028	-0.02978	0.05000	0.00000	252759.74028	-0.02978	0.5000
91:	34	7	27	33	7	26	254401.09850	254401.20373	-0.10523	0.05000	0.00000			
92:	34	9	26	33	9	25	255746.59572	255746.62356	-0.02784	0.05000	0.00000			
93:	38	5	34	37	5	33	257774.86303	257774.57147	0.29156	0.05000	0.00000	257774.68335	0.17968	0.5000
94:	38	4	34	37	4	33	257774.86303	257774.79522	0.06781	0.05000	0.00000	257774.68335	0.17968	0.5000
95:	36	6	30	35	6	29	257962.06519	257962.18990	-0.12470	0.05000	0.00000			
96:	39	4	36	38	4	35	257978.94032	257978.89735	0.04297	0.05000	0.00000	257978.89958	0.04074	0.5000
97:	39	3	36	38	3	35	257978.94032	257978.90180	0.03851	0.05000	0.00000	257978.89958	0.04074	0.5000
98:	41	2	40	40	2	39	258540.09547	258540.06504	0.03043	0.05000	0.00000	258540.06504	0.03043	0.5000
99:	41	1	40	40	1	39	258540.09547	258540.06504	0.03043	0.05000	0.00000	258540.06504	0.03043	0.5000
100:	42	0	42	41	0	41	258848.82280	258848.53824	0.08456	0.05000	0.00000	258848.53824	0.08456	0.5000
101:	42	1	42	41	1	41	258848.62280	258848.53824	0.08456	0.05000	0.00000	258848.53824	0.08456	0.5000
102:	38	5	33	37	5	32	263751.71390	263751.69169	0.02221	0.05000	0.00000			
103:	37	7	31	36	7	30	263839.26296	263839.20503	0.05793	0.05000	0.00000			

104:	39	5	35	38	5	34	263850.25822	263850.18438	0.07384	0.05000	0.00000	263850.24161	0.01662	0.5000
105:	39	4	35	38	4	34	263850.25822	263850.29883	-0.04061	0.05000	0.00000	263850.24161	0.01662	0.5000
106:	40	4	37	39	4	36	264062.65982	264062.59623	0.06359	0.05000	0.00000	264062.59733	0.06249	0.5000
107:	40	3	37	39	3	36	264062.65982	264062.59842	0.06140	0.05000	0.00000	264062.59733	0.06249	0.5000
108:	41	3	39	40	3	38	264331.41690	264331.39654	0.02036	0.05000	0.00000	264331.39655	0.02035	0.5000
109:	41	2	39	40	2	38	264331.41690	264331.39657	0.02033	0.05000	0.00000	264331.39655	0.02035	0.5000
110:	42	2	41	41	2	40	264628.16173	264628.12812	0.03361	0.05000	0.00000	264628.12812	0.03361	0.5000
111:	42	1	41	41	1	40	264628.16173	264628.12812	0.03361	0.05000	0.00000	264628.12812	0.03361	0.5000
112:	38	7	32	37	7	31	269871.33981	269871.27169	0.06812	0.05000	0.00000			
113:	38	6	32	37	6	31	269922.62468	269922.81295	-0.18826	0.05000	0.00000			
114:	40	5	36	39	5	35	269926.68664	269926.60364	0.08300	0.05000	0.00000	269926.63275	0.05389	0.5000
115:	40	4	36	39	4	35	269926.68664	269926.66185	0.02479	0.05000	0.00000	269926.63275	0.05389	0.5000
116:	42	3	40	41	3	39	270418.15235	270418.01091	0.14145	0.05000	0.00000	270418.01091	0.14144	0.5000
117:	42	2	40	41	2	39	270418.15235	270418.01092	0.14143	0.05000	0.00000	270418.01091	0.14144	0.5000
118:	43	2	42	42	2	41	270715.71116	270715.80768	-0.09652	0.05000	0.00000	270715.80768	-0.09652	0.5000
119:	43	1	42	42	1	41	270715.71116	270715.80768	-0.09652	0.05000	0.00000	270715.80768	-0.09652	0.5000
120:	37	7	30	36	7	29	270868.29151	270868.20373	0.08778	0.05000	0.00000			
121:	42	4	39	41	4	38	276229.87975	276229.89160	-0.01186	0.05000	0.00000	276229.89186	-0.01211	0.5000
122:	42	3	39	41	3	38	276229.87975	276229.89212	-0.01237	0.05000	0.00000	276229.89186	-0.01211	0.5000
123:	43	3	41	42	3	40	276504.34166	276504.30508	0.03659	0.05000	0.00000	276504.30508	0.03658	0.5000
124:	43	2	41	42	2	40	276504.34166	276504.30508	0.03658	0.05000	0.00000	276504.30508	0.03658	0.5000
125:	44	1	43	43	1	42	276802.98898	276803.09249	-0.10351	0.05000	0.00000	276803.09249	-0.10351	0.5000
126:	44	2	43	43	2	42	276802.98898	276803.09249	-0.10351	0.05000	0.00000	276803.09249	-0.10351	0.5000
127:	45	1	45	44	1	44	277112.49061	277112.55075	-0.06014	0.05000	0.00000	277112.55075	-0.06014	0.5000
128:	45	0	45	44	0	44	277112.49061	277112.55075	-0.06014	0.05000	0.00000	277112.55075	-0.06014	0.5000
129:	40	2	38	39	3	37	258244.38576	258244.48247	-0.09671	0.05000	0.00000	258244.48255	-0.09679	0.2500
130:	40	3	38	39	3	37	258244.38576	258244.48252	-0.09676	0.05000	0.00000	258244.48255	-0.09679	0.2500
131:	40	2	38	39	2	37	258244.38576	258244.48258	-0.09682	0.05000	0.00000	258244.48255	-0.09679	0.2500
132:	40	3	38	39	2	37	258244.38576	258244.48263	-0.09687	0.05000	0.00000	258244.48255	-0.09679	0.2500
133:	35	16	20	34	16	19	258949.32315	258949.25965	0.06350	0.05000	0.00000	258949.26362	0.05953	0.5000
134:	35	16	19	34	16	18	258949.32315	258949.26760	0.05556	0.05000	0.00000	258949.26362	0.05953	0.5000
135:	35	15	21	34	15	20	259594.16542	259594.21464	-0.04922	0.05000	0.00000	259594.28739	-0.12197	0.5000
136:	35	15	20	34	15	19	259594.16542	259594.36014	-0.19472	0.05000	0.00000	259594.28739	-0.12197	0.5000
137:	35	12	24	34	12	23	262788.25283	262788.14230	0.11053	0.05000	0.00000			
138:	43	8	36	42	8	35	306239.83405	306239.89981	-0.06576	0.05000	0.00000			
139:	50	0	50	49	0	49	307544.24073	307544.07222	0.16851	0.05000	0.00000	307544.07222	0.16851	0.2500
140:	50	0	50	49	1	49	307544.24073	307544.07222	0.16851	0.05000	0.00000	307544.07222	0.16851	0.2500
141:	50	1	50	49	0	49	307544.24073	307544.07222	0.16851	0.05000	0.00000	307544.07222	0.16851	0.2500
142:	50	1	50	49	1	49	307544.24073	307544.07222	0.16851	0.05000	0.00000	307544.07222	0.16851	0.2500
143:	47	5	42	46	6	41	318346.31912	318346.20458	0.11454	0.10000	0.00000	318346.22153	0.09759	0.2500
144:	47	6	42	46	6	41	318346.31912	318346.21595	0.10318	0.10000	0.00000	318346.22153	0.09759	0.2500
145:	47	5	42	46	5	41	318346.31912	318346.22711	0.09201	0.10000	0.00000	318346.22153	0.09759	0.2500
146:	47	6	42	46	5	41	318346.31912	318346.23848	0.08065	0.10000	0.00000	318346.22153	0.09759	0.2500
147:	49	3	46	48	3	45	318809.76402	318809.70866	0.05536	0.10000	0.00000	318809.70866	0.05536	0.2500
148:	49	3	46	48	4	45	318809.76402	318809.70865	0.05537	0.10000	0.00000	318809.70866	0.05536	0.2500
149:	49	4	46	48	3	45	318809.76402	318809.70866	0.05536	0.10000	0.00000	318809.70866	0.05536	0.2500
150:	49	4	46	48	4	45	318809.76402	318809.70866	0.05536	0.10000	0.00000	318809.70866	0.05536	0.2500
151:	50	2	48	49	2	47	319098.11552	319097.93342	0.18209	0.10000	0.00000	319097.93342	0.18209	0.2500
152:	50	2	48	49	3	47	319098.11552	319097.93342	0.18209	0.10000	0.00000	319097.93342	0.18209	0.2500

153:	50	3	48	49	2	47	319098.11552	319097.93342	0.18209	0.10000	0.00000	319097.93342	0.18209	0.2500
154:	50	3	48	49	3	47	319098.11552	319097.93342	0.18209	0.10000	0.00000	319097.93342	0.18209	0.2500
155:	51	1	50	50	1	49	319402.29521	319402.13386	0.16135	0.10000	0.00000	319402.13386	0.16135	0.2500
156:	51	1	50	50	2	49	319402.29521	319402.13386	0.16135	0.10000	0.00000	319402.13386	0.16135	0.2500
157:	51	2	50	50	1	49	319402.29521	319402.13386	0.16135	0.10000	0.00000	319402.13386	0.16135	0.2500
158:	51	2	50	50	2	49	319402.29521	319402.13386	0.16135	0.10000	0.00000	319402.13386	0.16135	0.2500
159:	52	0	52	51	0	51	319713.47932	319713.48853	-0.00921	0.10000	0.00000	319713.48853	-0.00921	0.2500
160:	52	0	52	51	1	51	319713.47932	319713.48853	-0.00921	0.10000	0.00000	319713.48853	-0.00921	0.2500
161:	52	1	52	51	0	51	319713.47932	319713.48853	-0.00921	0.10000	0.00000	319713.48853	-0.00921	0.2500
162:	52	1	52	51	1	51	319713.47932	319713.48853	-0.00921	0.10000	0.00000	319713.48853	-0.00921	0.2500
163:	51	2	49	50	2	48	325181.08119	325181.06459	0.01659	0.10000	0.00000	325181.06459	0.01659	0.2500
164:	51	2	49	50	3	48	325181.08119	325181.06459	0.01659	0.10000	0.00000	325181.06459	0.01659	0.2500
165:	51	3	49	50	2	48	325181.08119	325181.06459	0.01659	0.10000	0.00000	325181.06459	0.01659	0.2500
166:	51	3	49	50	3	48	325181.08119	325181.06459	0.01659	0.10000	0.00000	325181.06459	0.01659	0.2500
167:	52	1	51	51	1	50	325485.95297	325485.87976	0.07321	0.10000	0.00000	325485.87976	0.07321	0.2500
168:	52	1	51	51	2	50	325485.95297	325485.87976	0.07321	0.10000	0.00000	325485.87976	0.07321	0.2500
169:	52	2	51	51	1	50	325485.95297	325485.87976	0.07321	0.10000	0.00000	325485.87976	0.07321	0.2500
170:	52	2	51	51	2	50	325485.95297	325485.87976	0.07321	0.10000	0.00000	325485.87976	0.07321	0.2500
171:	53	0	53	52	0	52	325797.74343	325797.47545	0.26798	0.10000	0.00000	325797.47545	0.26798	0.2500
172:	53	0	53	52	1	52	325797.74343	325797.47545	0.26798	0.10000	0.00000	325797.47545	0.26798	0.2500
173:	53	1	53	52	0	52	325797.74343	325797.47545	0.26798	0.10000	0.00000	325797.47545	0.26798	0.2500
174:	53	1	53	52	1	52	325797.74343	325797.47545	0.26798	0.10000	0.00000	325797.47545	0.26798	0.2500
175:	50	4	46	49	5	45	330708.32044	330708.20891	0.11143	0.10000	0.00000	330708.20898	0.11146	0.2500
176:	50	4	46	49	4	45	330708.32044	330708.20901	0.11143	0.10000	0.00000	330708.20898	0.11146	0.2500
177:	50	5	46	49	5	45	330708.32044	330708.20896	0.11149	0.10000	0.00000	330708.20898	0.11146	0.2500
178:	50	5	46	49	4	45	330708.32044	330708.20906	0.11138	0.10000	0.00000	330708.20898	0.11146	0.2500
179:	53	1	52	52	1	51	331569.21391	331569.13763	0.07628	0.10000	0.00000	331569.13763	0.07628	0.2500
180:	53	1	52	52	2	51	331569.21391	331569.13763	0.07628	0.10000	0.00000	331569.13763	0.07628	0.2500
181:	53	2	52	52	1	51	331569.21391	331569.13763	0.07628	0.10000	0.00000	331569.13763	0.07628	0.2500
182:	53	2	52	52	2	51	331569.21391	331569.13763	0.07628	0.10000	0.00000	331569.13763	0.07628	0.2500
183:	51	4	47	50	4	46	336786.35831	336786.33985	0.01845	0.10000	0.00000	336786.33984	0.01847	0.2500
184:	51	4	47	50	5	46	336786.35831	336786.33980	0.01850	0.10000	0.00000	336786.33984	0.01847	0.2500
185:	51	5	47	50	5	46	336786.35831	336786.33983	0.01848	0.10000	0.00000	336786.33984	0.01847	0.2500
186:	51	5	47	50	4	46	336786.35831	336786.33988	0.01843	0.10000	0.00000	336786.33984	0.01847	0.2500
187:	53	2	51	52	2	50	337346.04976	337345.93703	0.11273	0.10000	0.00000	337345.93703	0.11273	0.2500
188:	53	2	51	52	3	50	337346.04976	337345.93703	0.11273	0.10000	0.00000	337345.93703	0.11273	0.2500
189:	53	3	51	52	2	50	337346.04976	337345.93703	0.11273	0.10000	0.00000	337345.93703	0.11273	0.2500
190:	53	3	51	52	3	50	337346.04976	337345.93703	0.11273	0.10000	0.00000	337345.93703	0.11273	0.2500
191:	55	0	55	54	0	54	337964.04133	337963.96046	0.08088	0.10000	0.00000	337963.96046	0.08088	0.2500
192:	55	0	55	54	1	54	337964.04133	337963.96046	0.08088	0.10000	0.00000	337963.96046	0.08088	0.2500
193:	55	1	55	54	0	54	337964.04133	337963.96046	0.08088	0.10000	0.00000	337963.96046	0.08088	0.2500
194:	55	1	55	54	1	54	337964.04133	337963.96046	0.08088	0.10000	0.00000	337963.96046	0.08088	0.2500
195:	51	5	46	50	6	45	342635.43215	342635.24224	0.18992	0.10000	0.00000	342635.24330	0.18885	0.2500
196:	51	6	46	50	6	45	342635.43215	342635.24294	0.18921	0.10000	0.00000	342635.24330	0.18885	0.2500
197:	51	5	46	50	5	45	342635.43215	342635.24366	0.18849	0.10000	0.00000	342635.24330	0.18885	0.2500
198:	51	6	46	50	5	45	342635.43215	342635.24437	0.18779	0.10000	0.00000	342635.24330	0.18885	0.2500
199:	52	4	48	51	4	47	342864.24816	342864.25054	-0.00238	0.10000	0.00000	342864.25053	-0.00238	0.2500
200:	52	4	48	51	5	47	342864.24816	342864.25052	-0.00236	0.10000	0.00000	342864.25053	-0.00238	0.2500
201:	52	5	48	51	4	47	342864.24816	342864.25055	-0.00239	0.10000	0.00000	342864.25053	-0.00238	0.2500

202:	52	5	48	51	5	47	342864.24816	342864.25053	-0.00237	0.10000	0.00000	342864.25053	-0.00238	0.2500
203:	53	3	50	52	3	49	343134.13257	343134.06920	0.06338	0.10000	0.00000	343134.06920	0.06338	0.2500
204:	53	3	50	52	4	49	343134.13257	343134.06920	0.06338	0.10000	0.00000	343134.06920	0.06338	0.2500
205:	53	4	50	52	3	49	343134.13257	343134.06920	0.06338	0.10000	0.00000	343134.06920	0.06338	0.2500
206:	53	4	50	52	4	49	343134.13257	343134.06920	0.06338	0.10000	0.00000	343134.06920	0.06338	0.2500
207:	55	1	54	54	1	53	343734.02374	343734.14996	-0.12622	0.10000	0.00000	343734.14996	-0.12622	0.2500
208:	55	1	54	54	2	53	343734.02374	343734.14996	-0.12622	0.10000	0.00000	343734.14996	-0.12622	0.2500
209:	55	2	54	54	1	53	343734.02374	343734.14996	-0.12622	0.10000	0.00000	343734.14996	-0.12622	0.2500
210:	55	2	54	54	2	53	343734.02374	343734.14996	-0.12622	0.10000	0.00000	343734.14996	-0.12622	0.2500
211:	56	0	56	55	0	55	344046.62414	344046.44001	0.18414	0.10000	0.00000	344046.44001	0.18414	0.2500
212:	56	0	56	55	1	55	344046.62414	344046.44001	0.18414	0.10000	0.00000	344046.44001	0.18414	0.2500
213:	56	1	56	55	0	55	344046.62414	344046.44001	0.18414	0.10000	0.00000	344046.44001	0.18414	0.2500
214:	56	1	56	55	1	55	344046.62414	344046.44001	0.18414	0.10000	0.00000	344046.44001	0.18414	0.2500
215:	51	6	45	50	7	44	348538.10002	348538.36492	-0.24077	0.10000	0.00000	348538.36492	-0.26490	0.2500
216:	51	7	45	50	7	44	348538.10002	348538.35712	-0.25710	0.10000	0.00000	348538.36492	-0.26490	0.2500
217:	51	6	45	50	6	44	348538.10002	348538.37272	-0.27270	0.10000	0.00000	348538.36492	-0.26490	0.2500
218:	51	7	45	50	6	44	348538.10002	348538.38905	-0.28903	0.10000	0.00000	348538.36492	-0.26490	0.2500
219:	53	4	49	52	4	48	348942.04724	348941.90402	0.14322	0.10000	0.00000	348941.90402	0.14322	0.3333
220:	53	4	49	52	5	48	348942.04724	348941.90401	0.14323	0.10000	0.00000	348941.90402	0.14322	0.3333
221:	53	5	49	52	4	48	348942.04724	348941.90403	0.14321	0.10000	0.00000	348941.90402	0.14322	0.3333
222:	55	2	53	54	2	52	349508.84599	349508.87468	-0.02868	0.10000	0.00000	349508.87468	-0.02868	0.2500
223:	55	2	53	54	3	52	349508.84599	349508.87468	-0.02868	0.10000	0.00000	349508.87468	-0.02868	0.2500
224:	55	3	53	54	2	52	349508.84599	349508.87468	-0.02868	0.10000	0.00000	349508.87468	-0.02868	0.2500
225:	55	3	53	54	3	52	349508.84599	349508.87468	-0.02868	0.10000	0.00000	349508.87468	-0.02868	0.2500
226:	56	1	55	55	1	54	349815.90994	349815.88489	0.02505	0.10000	0.00000	349815.88489	0.02505	0.2500
227:	56	1	55	55	2	54	349815.90994	349815.88489	0.02505	0.10000	0.00000	349815.88489	0.02505	0.2500
228:	56	2	55	55	1	54	349815.90994	349815.88489	0.02505	0.10000	0.00000	349815.88489	0.02505	0.2500
229:	56	2	55	55	2	54	349815.90994	349815.88489	0.02505	0.10000	0.00000	349815.88489	0.02505	0.2500
230:	55	3	52	54	3	51	355293.51490	355293.75970	-0.24480	0.10000	0.00000	355293.75970	-0.24480	0.3333
231:	55	4	52	54	3	51	355293.51490	355293.75970	-0.24480	0.10000	0.00000	355293.75970	-0.24480	0.3333
232:	55	4	52	54	4	51	355293.51490	355293.75970	-0.24480	0.10000	0.00000	355293.75970	-0.24480	0.3333
233:	56	2	54	55	2	53	355589.58481	355589.58845	-0.00364	0.10000	0.00000	355589.61417	-0.02936	0.2500
234:	56	2	54	55	3	53	355589.58481	355589.58845	-0.00364	0.10000	0.00000	355589.61417	-0.02936	0.2500
235:	56	3	54	55	2	53	355589.58481	355589.58845	-0.00364	0.10000	0.00000	355589.61417	-0.02936	0.2500
236:	72	20	52	71	21	51	355589.58481	355589.69134	-0.10653	0.10000	0.00000	355589.61417	-0.02936	0.2500
237:	57	1	56	56	1	55	355897.04945	355897.09274	-0.04329	0.10000	0.00000	355897.09274	-0.04329	0.2500
238:	57	1	56	56	2	55	355897.04945	355897.09274	-0.04329	0.10000	0.00000	355897.09274	-0.04329	0.2500
239:	57	2	56	56	1	55	355897.04945	355897.09274	-0.04329	0.10000	0.00000	355897.09274	-0.04329	0.2500
240:	57	2	56	56	2	55	355897.04945	355897.09274	-0.04329	0.10000	0.00000	355897.09274	-0.04329	0.2500
241:	58	0	58	57	0	57	356209.85754	356209.82690	0.03065	0.10000	0.00000	356209.82690	0.03065	0.2500
242:	58	0	58	57	1	57	356209.85754	356209.82690	0.03065	0.10000	0.00000	356209.82690	0.03065	0.2500
243:	58	1	58	57	0	57	356209.85754	356209.82690	0.03065	0.10000	0.00000	356209.82690	0.03065	0.2500
244:	58	1	58	57	1	57	356209.85754	356209.82690	0.03065	0.10000	0.00000	356209.82690	0.03065	0.2500
245:	54	5	49	53	6	48	360853.74765	360853.86645	-0.11880	0.10000	0.00000	360853.86658	-0.11893	0.2500
246:	54	6	49	53	6	48	360853.74765	360853.86653	-0.11889	0.10000	0.00000	360853.86658	-0.11893	0.2500
247:	54	5	49	53	5	48	360853.74765	360853.86662	-0.11897	0.10000	0.00000	360853.86658	-0.11893	0.2500
248:	54	6	49	53	5	48	360853.74765	360853.86671	-0.11906	0.10000	0.00000	360853.86658	-0.11893	0.2500
249:	55	4	51	54	4	50	361096.25153	361096.30664	-0.05511	0.10000	0.00000	361096.30664	-0.05511	0.2500
250:	55	4	51	54	5	50	361096.25153	361096.30664	-0.05511	0.10000	0.00000	361096.30664	-0.05511	0.2500

251:	55	5	51	54	4	50	361096.25153	361096.30664	-0.05511	0.10000	0.00000	361096.30664	-0.05511	0.2500
252:	55	5	51	54	5	50	361096.25153	361096.30664	-0.05511	0.10000	0.00000	361096.30664	-0.05511	0.2500
253:	58	1	57	57	1	56	361977.73638	361977.76387	-0.02749	0.10000	0.00000	361977.76387	-0.02749	0.2500
254:	58	1	57	57	2	56	361977.73638	361977.76387	-0.02749	0.10000	0.00000	361977.76387	-0.02749	0.2500
255:	58	2	57	57	1	56	361977.73638	361977.76387	-0.02749	0.10000	0.00000	361977.76387	-0.02749	0.2500
256:	58	2	57	57	2	56	361977.73638	361977.76387	-0.02749	0.10000	0.00000	361977.76387	-0.02749	0.2500
257:	59	0	59	58	0	58	362290.62593	362290.71573	-0.08980	0.10000	0.00000	362290.71573	-0.08980	0.2500
258:	59	0	59	58	1	58	362290.62593	362290.71573	-0.08980	0.10000	0.00000	362290.71573	-0.08980	0.2500
259:	59	1	59	58	0	58	362290.62593	362290.71573	-0.08980	0.10000	0.00000	362290.71573	-0.08980	0.2500
260:	59	1	59	58	1	58	362290.62593	362290.71573	-0.08980	0.10000	0.00000	362290.71573	-0.08980	0.2500
261:	48	14	35	47	14	34	364611.85802	364611.72618	0.13184	0.10000	0.00000	364611.72618	-0.08980	0.2500
262:	55	5	50	54	6	49	366926.79676	366926.69697	0.09978	0.10000	0.00000	366926.69704	0.09972	0.2500
263:	55	5	50	54	6	49	366926.79676	366926.69702	0.09974	0.10000	0.00000	366926.69704	0.09972	0.2500
264:	55	5	50	54	5	49	366926.79676	366926.69706	0.09970	0.10000	0.00000	366926.69704	0.09972	0.2500
265:	55	6	50	54	5	49	366926.79676	366926.69710	0.09965	0.10000	0.00000	366926.69704	0.09972	0.2500
266:	56	4	52	55	4	51	367172.89168	367172.99590	-0.10422	0.10000	0.00000	367172.99590	-0.10422	0.2500
267:	56	4	52	55	5	51	367172.89168	367172.99590	-0.10422	0.10000	0.00000	367172.99590	-0.10422	0.2500
268:	56	5	52	55	4	51	367172.89168	367172.99590	-0.10422	0.10000	0.00000	367172.99590	-0.10422	0.2500
269:	56	5	52	55	5	51	367172.89168	367172.99590	-0.10422	0.10000	0.00000	367172.99590	-0.10422	0.2500
270:	57	3	54	56	3	53	367451.90534	367451.60153	0.30381	0.10000	0.00000	367451.60153	0.30381	0.2500
271:	57	3	54	56	4	53	367451.90534	367451.60153	0.30381	0.10000	0.00000	367451.60153	0.30381	0.2500
272:	57	4	54	56	3	53	367451.90534	367451.60153	0.30381	0.10000	0.00000	367451.60153	0.30381	0.2500
273:	57	4	54	56	4	53	367451.90534	367451.60153	0.30381	0.10000	0.00000	367451.60153	0.30381	0.2500
274:	59	1	58	58	1	57	368057.67614	368057.88865	-0.21251	0.10000	0.00000	368057.88865	-0.21251	0.2500
275:	59	1	58	58	2	57	368057.67614	368057.88865	-0.21251	0.10000	0.00000	368057.88865	-0.21251	0.2500
276:	59	2	58	58	1	57	368057.67614	368057.88865	-0.21251	0.10000	0.00000	368057.88865	-0.21251	0.2500
277:	59	2	58	58	2	57	368057.67614	368057.88865	-0.21251	0.10000	0.00000	368057.88865	-0.21251	0.2500
278:	60	0	60	59	0	59	368371.13123	368371.05582	0.07541	0.10000	0.00000	368371.05582	0.07541	0.2500
279:	60	0	60	59	1	59	368371.13123	368371.05582	0.07541	0.10000	0.00000	368371.05582	0.07541	0.2500
280:	60	1	60	59	0	59	368371.13123	368371.05582	0.07541	0.10000	0.00000	368371.05582	0.07541	0.2500
281:	60	1	60	59	1	59	368371.13123	368371.05582	0.07541	0.10000	0.00000	368371.05582	0.07541	0.2500
282:	56	5	51	55	6	50	372999.03417	372999.40943	-0.37526	0.10000	0.00000	372999.40946	-0.37529	0.2500
283:	56	6	51	55	6	50	372999.03417	372999.40945	-0.37528	0.10000	0.00000	372999.40946	-0.37529	0.2500
284:	56	5	51	55	5	50	372999.03417	372999.40947	-0.37530	0.10000	0.00000	372999.40946	-0.37529	0.2500
285:	56	6	51	55	5	50	372999.03417	372999.40949	-0.37532	0.10000	0.00000	372999.40946	-0.37529	0.2500
286:	58	3	55	57	3	54	373529.64658	373529.78963	-0.14306	0.10000	0.00000	373529.78963	-0.14306	0.2500
287:	58	3	55	57	4	54	373529.64658	373529.78963	-0.14306	0.10000	0.00000	373529.78963	-0.14306	0.2500
288:	58	4	55	57	3	54	373529.64658	373529.78963	-0.14306	0.10000	0.00000	373529.78963	-0.14306	0.2500
289:	58	4	55	57	4	54	373529.64658	373529.78963	-0.14306	0.10000	0.00000	373529.78963	-0.14306	0.2500
290:	59	2	57	58	2	56	373828.57662	373828.57375	0.00288	0.10000	0.00000	373828.57375	0.00288	0.2500
291:	59	2	57	58	3	56	373828.57662	373828.57375	0.00288	0.10000	0.00000	373828.57375	0.00288	0.2500
292:	59	3	57	58	2	56	373828.57662	373828.57375	0.00288	0.10000	0.00000	373828.57375	0.00288	0.2500
293:	59	3	57	58	3	56	373828.57662	373828.57375	0.00288	0.10000	0.00000	373828.57375	0.00288	0.2500
294:	60	1	59	59	1	58	374137.41077	374137.45754	-0.04676	0.10000	0.00000	374137.45754	-0.04676	0.2500
295:	60	1	59	59	2	58	374137.41077	374137.45754	-0.04676	0.10000	0.00000	374137.45754	-0.04676	0.2500
296:	60	2	59	59	1	58	374137.41077	374137.45754	-0.04676	0.10000	0.00000	374137.45754	-0.04676	0.2500
297:	60	2	59	59	2	58	374137.41077	374137.45754	-0.04676	0.10000	0.00000	374137.45754	-0.04676	0.2500
298:	61	0	61	60	0	60	374450.71580	374450.83793	-0.12212	0.10000	0.00000	374450.83793	-0.12212	0.2500
299:	61	0	61	60	1	60	374450.71580	374450.83793	-0.12212	0.10000	0.00000	374450.83793	-0.12212	0.2500

300:	61	1	61	60	0	60	374450.71580	374450.83793	-0.12212	0.10000	0.00000	374450.83793	-0.12212	0.2500
301:	61	1	61	60	1	60	374450.71580	374450.83793	-0.12212	0.10000	0.00000	374450.83793	-0.12212	0.2500
302:	58	4	54	57	4	53	379325.19051	379325.21671	-0.02620	0.10000	0.00000	379325.21671	-0.02620	0.2500
303:	58	4	54	57	5	53	379325.19051	379325.21671	-0.02620	0.10000	0.00000	379325.21671	-0.02620	0.2500
304:	58	5	54	57	4	53	379325.19051	379325.21671	-0.02620	0.10000	0.00000	379325.21671	-0.02620	0.2500
305:	58	5	54	57	5	53	379325.19051	379325.21671	-0.02620	0.10000	0.00000	379325.21671	-0.02620	0.2500
306:	59	3	56	58	3	55	379607.81433	379607.46936	0.34497	0.10000	0.00000	379607.46936	0.34497	0.2500
307:	59	3	56	58	4	55	379607.81433	379607.46936	0.34497	0.10000	0.00000	379607.46936	0.34497	0.2500
308:	59	4	56	58	3	55	379607.81433	379607.46936	0.34497	0.10000	0.00000	379607.46936	0.34497	0.2500
309:	59	4	56	58	4	55	379607.81433	379607.46936	0.34497	0.10000	0.00000	379607.46936	0.34497	0.2500
310:	60	2	58	59	2	57	379907.19186	379907.14686	0.04499	0.10000	0.00000	379907.14686	0.04499	0.2500
311:	60	2	58	59	3	57	379907.19186	379907.14686	0.04499	0.10000	0.00000	379907.14686	0.04499	0.2500
312:	60	3	58	59	2	57	379907.19186	379907.14686	0.04499	0.10000	0.00000	379907.14686	0.04499	0.2500
313:	60	3	58	59	3	57	379907.19186	379907.14686	0.04499	0.10000	0.00000	379907.14686	0.04499	0.2500
314:	62	0	62	61	0	61	380530.14170	380530.05280	0.08890	0.10000	0.00000	380530.05280	0.08890	0.2500
315:	62	0	62	61	1	61	380530.14170	380530.05280	0.08890	0.10000	0.00000	380530.05280	0.08890	0.2500
316:	62	1	62	61	0	61	380530.14170	380530.05280	0.08890	0.10000	0.00000	380530.05280	0.08890	0.2500
317:	62	1	62	61	1	61	380530.14170	380530.05280	0.08890	0.10000	0.00000	380530.05280	0.08890	0.2500
318:	56	7	49	55	8	48	384789.39844	384789.58465	-0.18621	0.10000	0.00000	384789.60142	-0.20299	0.2500
319:	56	8	49	55	8	48	384789.39844	384789.59606	-0.19762	0.10000	0.00000	384789.60142	-0.20299	0.2500
320:	56	7	49	55	7	48	384789.39844	384789.60679	-0.20835	0.10000	0.00000	384789.60142	-0.20299	0.2500
321:	56	8	49	55	7	48	384789.39844	384789.61820	-0.21976	0.10000	0.00000	384789.60142	-0.20299	0.2500
322:	59	4	55	58	4	54	385400.80477	385400.70013	0.10463	0.10000	0.00000	385400.70013	0.10463	0.2500
323:	59	4	55	58	5	54	385400.80477	385400.70013	0.10463	0.10000	0.00000	385400.70013	0.10463	0.2500
324:	59	5	55	58	4	54	385400.80477	385400.70013	0.10463	0.10000	0.00000	385400.70013	0.10463	0.2500
325:	59	5	55	58	5	54	385400.80477	385400.70013	0.10463	0.10000	0.00000	385400.70013	0.10463	0.2500
326:	60	3	57	59	3	56	385684.48082	385684.62650	-0.14568	0.10000	0.00000	385684.62650	-0.14568	0.2500
327:	60	3	57	59	4	56	385684.48082	385684.62650	-0.14568	0.10000	0.00000	385684.62650	-0.14568	0.2500
328:	60	4	57	59	3	56	385684.48082	385684.62650	-0.14568	0.10000	0.00000	385684.62650	-0.14568	0.2500
329:	60	4	57	59	4	56	385684.48082	385684.62650	-0.14568	0.10000	0.00000	385684.62650	-0.14568	0.2500
330:	61	2	59	60	2	58	385985.24563	385985.15773	0.08790	0.10000	0.00000	385985.15773	0.08790	0.2500
331:	61	2	59	60	3	58	385985.24563	385985.15773	0.08790	0.10000	0.00000	385985.15773	0.08790	0.2500
332:	61	3	59	60	2	58	385985.24563	385985.15773	0.08790	0.10000	0.00000	385985.15773	0.08790	0.2500
333:	61	3	59	60	3	58	385985.24563	385985.15773	0.08790	0.10000	0.00000	385985.15773	0.08790	0.2500
334:	62	1	61	61	1	60	386294.95456	386294.88943	0.06512	0.10000	0.00000	386294.88943	0.06512	0.2500
335:	62	1	61	61	2	60	386294.95456	386294.88943	0.06512	0.10000	0.00000	386294.88943	0.06512	0.2500
336:	62	2	61	61	1	60	386294.95456	386294.88943	0.06512	0.10000	0.00000	386294.88943	0.06512	0.2500
337:	62	2	61	61	2	60	386294.95456	386294.88943	0.06512	0.10000	0.00000	386294.88943	0.06512	0.2500
338:	63	0	63	62	0	62	386608.82606	386608.69119	0.13487	0.10000	0.00000	386608.69119	0.13487	0.2500
339:	63	0	63	62	1	62	386608.82606	386608.69119	0.13487	0.10000	0.00000	386608.69119	0.13487	0.2500
340:	63	1	63	62	0	62	386608.82606	386608.69119	0.13487	0.10000	0.00000	386608.69119	0.13487	0.2500
341:	63	1	63	62	1	62	386608.82606	386608.69119	0.13487	0.10000	0.00000	386608.69119	0.13487	0.2500
342:	61	3	58	60	3	57	391761.06907	391761.24733	-0.17826	0.10000	0.00000	391761.24733	-0.17826	0.2500
343:	61	3	58	60	4	57	391761.06907	391761.24733	-0.17826	0.10000	0.00000	391761.24733	-0.17826	0.2500
344:	61	4	58	60	3	57	391761.06907	391761.24733	-0.17826	0.10000	0.00000	391761.24733	-0.17826	0.2500
345:	61	4	58	60	4	57	391761.06907	391761.24733	-0.17826	0.10000	0.00000	391761.24733	-0.17826	0.2500
346:	59	6	53	58	7	52	397065.24343	397065.37555	-0.13212	0.10000	0.00000	397065.37555	-0.13222	0.2500
347:	59	7	53	58	7	52	397065.24343	397065.37555	-0.13219	0.10000	0.00000	397065.37555	-0.13222	0.2500
348:	59	6	53	58	6	52	397065.24343	397065.37559	-0.13225	0.10000	0.00000	397065.37555	-0.13222	0.2500

349:	59	7	53	58	6	52	397065.24343	397065.37575	-0.13232	0.10000	0.00000	397065.37565	-0.13222	0.2500
350:	62	3	59	61	3	58	397837.66218	397837.31852	0.34367	0.10000	0.00000	397837.31852	0.34367	0.2500
351:	62	3	59	61	4	58	397837.66218	397837.31852	0.34367	0.10000	0.00000	397837.31852	0.34367	0.2500
352:	62	4	59	61	3	58	397837.66218	397837.31852	0.34367	0.10000	0.00000	397837.31852	0.34367	0.2500
353:	62	4	59	61	4	58	397837.66218	397837.31852	0.34367	0.10000	0.00000	397837.31852	0.34367	0.2500
354:	63	2	61	62	2	60	398139.41826	398139.45064	-0.03237	0.10000	0.00000	398139.45064	-0.03237	0.2500
355:	63	2	61	62	3	60	398139.41826	398139.45064	-0.03237	0.10000	0.00000	398139.45064	-0.03237	0.2500
356:	63	3	61	62	2	60	398139.41826	398139.45064	-0.03237	0.10000	0.00000	398139.45064	-0.03237	0.2500
357:	63	3	61	62	3	60	398139.41826	398139.45064	-0.03237	0.10000	0.00000	398139.45064	-0.03237	0.2500
358:	64	1	63	63	1	62	398449.92490	398449.98354	-0.05864	0.10000	0.00000	398449.98354	-0.05864	0.2500
359:	64	1	63	63	2	62	398449.92490	398449.98354	-0.05864	0.10000	0.00000	398449.98354	-0.05864	0.2500
360:	64	2	63	63	1	62	398449.92490	398449.98354	-0.05864	0.10000	0.00000	398449.98354	-0.05864	0.2500
361:	64	2	63	63	2	62	398449.92490	398449.98354	-0.05864	0.10000	0.00000	398449.98354	-0.05864	0.2500
362:	65	0	65	64	0	64	398764.25217	398764.20160	0.05056	0.10000	0.00000	398764.20160	0.05056	0.2500
363:	65	0	65	64	1	64	398764.25217	398764.20160	0.05056	0.10000	0.00000	398764.20160	0.05056	0.2500
364:	65	1	65	64	0	64	398764.25217	398764.20160	0.05056	0.10000	0.00000	398764.20160	0.05056	0.2500
365:	65	1	65	64	1	64	398764.25217	398764.20160	0.05056	0.10000	0.00000	398764.20160	0.05056	0.2500
366:	65	1	64	64	1	63	404526.53589	404526.63025	-0.09437	0.10000	0.00000	404526.63025	-0.09437	0.2500
367:	65	1	64	64	2	63	404526.53589	404526.63025	-0.09437	0.10000	0.00000	404526.63025	-0.09437	0.2500
368:	65	2	64	64	1	63	404526.53589	404526.63025	-0.09437	0.10000	0.00000	404526.63025	-0.09437	0.2500
369:	65	2	64	64	2	63	404526.53589	404526.63025	-0.09437	0.10000	0.00000	404526.63025	-0.09437	0.2500
370:	66	0	66	65	0	65	404840.88891	404841.05515	-0.16623	0.10000	0.00000	404841.05515	-0.16623	0.2500
371:	66	0	66	65	1	65	404840.88891	404841.05515	-0.16623	0.10000	0.00000	404841.05515	-0.16623	0.2500
372:	66	1	66	65	0	65	404840.88891	404841.05515	-0.16623	0.10000	0.00000	404841.05515	-0.16623	0.2500
373:	66	1	66	65	1	65	404840.88891	404841.05515	-0.16623	0.10000	0.00000	404841.05515	-0.16623	0.2500
374:	65	2	63	64	2	62	410291.04549	410291.36934	-0.32386	0.10000	0.00000	410291.36934	-0.32386	0.2500
375:	65	2	63	64	3	62	410291.04549	410291.36934	-0.32386	0.10000	0.00000	410291.36934	-0.32386	0.2500
376:	65	3	63	64	2	62	410291.04549	410291.36934	-0.32386	0.10000	0.00000	410291.36934	-0.32386	0.2500
377:	65	3	63	64	3	62	410291.04549	410291.36934	-0.32386	0.10000	0.00000	410291.36934	-0.32386	0.2500
378:	66	2	64	65	2	63	416366.31363	416366.41281	-0.09918	0.10000	0.00000	416366.41281	-0.09918	0.2500
379:	66	2	64	65	3	63	416366.31363	416366.41281	-0.09918	0.10000	0.00000	416366.41281	-0.09918	0.2500
380:	66	3	64	65	2	63	416366.31363	416366.41281	-0.09918	0.10000	0.00000	416366.41281	-0.09918	0.2500
381:	66	3	64	65	3	63	416366.31363	416366.41281	-0.09918	0.10000	0.00000	416366.41281	-0.09918	0.2500
382:	68	1	67	67	1	66	422752.84868	422752.85595	-0.00726	0.10000	0.00000	422752.85595	-0.00726	0.2500
383:	68	1	67	67	2	66	422752.84868	422752.85595	-0.00726	0.10000	0.00000	422752.85595	-0.00726	0.2500
384:	68	2	67	67	1	66	422752.84868	422752.85595	-0.00726	0.10000	0.00000	422752.85595	-0.00726	0.2500
385:	68	2	67	67	2	66	422752.84868	422752.85595	-0.00726	0.10000	0.00000	422752.85595	-0.00726	0.2500
386:	69	2	67	68	2	66	434587.45898	434587.75886	-0.29987	0.10000	0.00000	434587.75886	-0.29987	0.2500
387:	69	2	67	68	3	66	434587.45898	434587.75886	-0.29987	0.10000	0.00000	434587.75886	-0.29987	0.2500
388:	69	3	67	68	2	66	434587.45898	434587.75886	-0.29987	0.10000	0.00000	434587.75886	-0.29987	0.2500
389:	69	3	67	68	3	66	434587.45898	434587.75886	-0.29987	0.10000	0.00000	434587.75886	-0.29987	0.2500
390:	70	1	69	69	1	68	434900.28571	434900.48373	-0.19802	0.10000	0.00000	434900.48373	-0.19802	0.2500
391:	70	1	69	69	2	68	434900.28571	434900.48373	-0.19802	0.10000	0.00000	434900.48373	-0.19802	0.2500
392:	70	2	69	69	1	68	434900.28571	434900.48373	-0.19802	0.10000	0.00000	434900.48373	-0.19802	0.2500
393:	70	2	69	69	2	68	434900.28571	434900.48373	-0.19802	0.10000	0.00000	434900.48373	-0.19802	0.2500
394:	71	1	70	70	1	69	440973.38934	440973.31269	0.07665	0.10000	0.00000	440973.31269	0.07665	0.2500
395:	71	1	70	70	2	69	440973.38934	440973.31269	0.07665	0.10000	0.00000	440973.31269	0.07665	0.2500
396:	71	2	70	70	1	69	440973.38934	440973.31269	0.07665	0.10000	0.00000	440973.31269	0.07665	0.2500
397:	71	2	70	70	2	69	440973.38934	440973.31269	0.07665	0.10000	0.00000	440973.31269	0.07665	0.2500

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398: 50 1 49 49 1 48      31317.89631 31317.90987 -0.01355 0.10000 0.00000 313317.90987 -0.01355 0.5000
399: 50 2 49 49 2 48      31317.89631 31317.90987 -0.01355 0.10000 0.00000 313317.90987 -0.01355 0.5000
400: 50 7 44 49 7 43      342474.76190 342474.96034 -0.19844 0.10000 0.00000 342474.97546 -0.21356 0.5000
401: 50 6 44 49 6 43      342474.76190 342474.99058 -0.22868 0.10000 0.00000 342474.97546 -0.21356 0.5000
NORMALIZED DIAGONAL:
1 1.0000E+00 2 9.9970E-01 3 3.46417E-01 4 7.46624E-02 5 1.75370E-01 6 6.43264E-01
7 9.38862E-01 8 4.98394E-01
MARQUARDT PARAMETER = 0, TRUST EXPANSION = 1.00
NEW PARAMETER EST. ERROR -- CHANGE THIS ITERATION
1 10000 A 10273.5559 41 0.0006
2 20000 B 4207.00901 81 0.00006
3 30000 C 3048.493412223 0.000087
4 200 -DJ -0.885473180E-03 0.000025E-03
5 1100 -DJK -3.1927 33E-03 -0.0005E-03
6 2000 -DK -3.048 34E-03 0.006E-03
7 40100 -dJ -0.250810 87E-03 0.000011E-03
8 41000 -dK -2.65474244E-03 0.00120E-03
MICROWAVE AVG = -0.006080 MHz, IR AVG = 0.00000
MICROWAVE RMS = 0.114127 MHz, IR RMS = 0.00000
END OF ITERATION 1 OLD, NEW RMS ERROR= EXP.FREQ. - CALC.FREQ. - DIFF. - EXP.ERR.- EST.ERR.-AVG. CALC.FREQ. - DIFF. - WT.
1: 7 2 6 6 2 5 49648.70700 49648.73266 -0.02566 0.05000 0.00364
2: 5 2 4 4 1 3 50412.05100 50411.98957 0.06143 0.05000 0.01161
3: 8 0 8 7 1 7 51291.38300 51291.48672 -0.10372 0.05000 0.00285
4: 7 3 5 6 3 4 51404.01200 51403.99880 0.01320 0.05000 0.00550
5: 7 4 4 6 4 3 51500.35000 51500.20235 0.14765 0.05000 0.00582
6: 8 1 8 7 1 7 51569.36700 51569.37718 -0.01018 0.05000 0.00271
7: 7 4 3 6 4 2 51596.62000 51596.81879 -0.19879 0.05000 0.00609
8: 8 0 8 7 0 7 51814.39800 51814.41787 -0.01987 0.05000 0.00275
9: 8 1 8 7 0 7 52092.30100 52092.30832 -0.00732 0.05000 0.00303
10: 7 1 6 6 1 5 52168.11300 52168.12347 -0.01047 0.05000 0.00414
11: 7 3 4 6 3 3 52728.09000 52728.18152 -0.09152 0.05000 0.00812
12: 7 2 5 6 2 4 54528.70000 54528.65588 0.04412 0.05000 0.00806
13: 8 2 7 7 2 6 56296.28900 56296.30902 -0.02002 0.05000 0.00369
14: 9 0 9 8 1 8 57572.31600 57572.36106 -0.04506 0.05000 0.00311
15: 9 1 9 8 1 8 57715.91000 57715.94737 -0.03737 0.05000 0.00309
16: 9 0 9 8 0 8 57850.22700 57850.25152 -0.02452 0.05000 0.00312
17: 9 1 9 8 0 8 57993.82000 57993.83782 -0.01782 0.05000 0.00324
18: 8 1 7 7 1 6 58489.32000 58489.33424 -0.01424 0.05000 0.00379
19: 8 3 6 7 3 5 58670.05900 58670.05417 0.00483 0.05000 0.00597
20: 8 4 5 7 4 4 58998.02000 58998.01070 0.00930 0.05000 0.00673
21: 8 4 4 7 4 3 59254.37900 59254.49652 -0.11752 0.05000 0.00745
22: 4 3 2 3 2 1 61869.61300 61869.65978 -0.04678 0.05000 0.02005
23: 4 3 1 3 2 2 62692.25800 62692.22775 0.03025 0.05000 0.01984
24: 9 2 8 8 2 7 62809.96100 62809.99931 -0.03831 0.05000 0.00370
25: 10 1 10 9 1 9 63839.70300 63839.76068 -0.05768 0.05000 0.00348
26: 10 0 10 9 0 9 63910.71500 63910.73169 -0.01669 0.05000 0.00350
27: 9 1 8 8 1 7 64515.43800 64515.47130 -0.03330 0.05000 0.00371
28: 9 3 7 8 3 6 65825.35200 65825.38195 -0.02995 0.05000 0.00624

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29:	9	4	5	8	4	4	67090.64100	67090.64573	-0.00473	0.05000	0.00918	
30:	5	3	3	4	2	2	68269.85900	68269.87501	-0.01601	0.05000	0.02029	
31:	5	2	3	4	0	4	69082.83600	69082.78693	0.04907	0.05500	0.01837	
32:	11	1	11	10	1	10	69950.27300	69950.28550	-0.01250	0.05000	0.00386	
33:	11	0	11	10	0	10	69986.76600	69986.79497	-0.02897	0.05000	0.00388	
34:	10	1	9	9	1	8	70399.74200	70399.78269	-0.04069	0.05000	0.00378	
35:	5	3	2	4	2	3	70716.36700	70716.29835	0.06865	0.05000	0.01983	
36:	23	3	21	22	3	20	154756.35015	154756.41260	-0.06245	0.05000	0.00593	
37:	20	6	14	19	6	13	154761.12738	154761.08778	0.03960	0.05000	0.02656	
38:	23	2	21	22	2	20	154766.57088	154766.64129	-0.07041	0.05000	0.00593	
39:	22	3	19	21	3	18	154869.93123	154869.93356	-0.00233	0.05000	0.00635	
40:	24	2	23	23	2	22	154998.06493	154998.02643	0.03850	0.05000	0.00664	-0.04543 0.5000
41:	24	1	23	23	1	22	154998.06493	154998.19430	-0.12937	0.05000	0.00664	154998.11036
42:	25	1	25	24	1	24	155293.60721	155293.69773	-0.09052	0.05000	0.00836	-0.04543 0.5000
43:	25	0	25	24	0	24	155293.60721	155293.69879	-0.09159	0.05000	0.00836	155293.69826
44:	24	4	21	23	4	20	166772.14559	166772.10312	0.04247	0.05000	0.00621	
45:	24	3	21	23	3	20	166865.46710	166865.42478	0.04231	0.05000	0.00623	
46:	25	3	23	24	3	22	166928.42451	166928.48621	-0.06170	0.05000	0.00617	
47:	25	2	23	24	2	22	166931.18195	166931.19753	-0.01558	0.05000	0.00618	
48:	26	1	25	25	1	24	167182.25018	167182.37025	-0.12007	0.05000	0.00702	
49:	27	0	27	26	0	26	167480.82304	167480.91756	-0.09452	0.05000	0.00880	
50:	25	3	22	24	3	21	172904.38803	172904.30616	0.08187	0.05000	0.00622	
51:	26	3	24	25	3	23	173015.06668	173015.04876	0.01792	0.05000	0.00630	
52:	26	2	24	25	2	23	173016.34551	173016.42508	-0.07957	0.05000	0.00630	
53:	23	8	15	22	8	14	173175.88634	173176.09821	-0.21187	0.05000	0.02083	
54:	27	2	26	26	2	25	173274.35117	173274.37804	-0.02688	0.05000	0.00719	-0.03614 0.5000
55:	27	1	26	26	1	25	173274.35117	173274.39658	-0.04541	0.05000	0.00719	173274.38731
56:	28	1	28	27	1	27	173574.13012	173574.17061	-0.04048	0.05000	0.00719	173274.38731
57:	28	0	28	27	0	27	173574.13012	173574.17071	-0.04058	0.05000	0.00901	-0.04053 0.5000
58:	24	4	20	23	4	19	173600.42250	173600.53574	-0.11324	0.05000	0.00901	-0.04053 0.5000
59:	26	4	23	25	4	22	178930.04077	178930.04829	-0.00752	0.05000	0.00788	
60:	26	3	23	25	3	22	178958.14154	178958.04734	0.09421	0.05000	0.00621	
61:	28	2	27	27	2	26	179366.38722	179366.30764	0.07958	0.05000	0.00735	0.07518 0.5000
62:	28	1	27	27	1	26	179366.38722	179366.31644	0.07078	0.05000	0.00735	179366.31204
63:	25	4	21	24	4	20	179393.07859	179393.24224	-0.16366	0.05000	0.00737	0.07518 0.5000
64:	24	9	15	23	9	14	179400.91049	179400.77879	0.13170	0.05000	0.01740	
65:	30	4	27	29	4	26	203238.94630	203238.95368	-0.00738	0.05000	0.00635	
66:	30	3	27	29	3	26	203241.11749	203241.13015	-0.01267	0.05000	0.00635	
67:	32	5	28	31	5	27	221348.68730	221348.83205	-0.14474	0.05000	0.00646	
68:	32	4	28	31	4	27	221359.66906	221359.58725	0.08180	0.05000	0.00645	
69:	31	6	26	30	6	25	221378.20513	221377.99461	0.21053	0.05000	0.00752	
70:	33	4	30	32	4	29	221480.69281	221480.62233	0.07049	0.05000	0.00655	-0.07550 0.5000
71:	33	3	30	32	3	29	221480.69281	221480.91431	-0.22149	0.05000	0.00655	-0.07550 0.5000
72:	38	3	36	37	3	35	246069.81104	246069.84571	-0.03466	0.05000	0.00731	-0.03479 0.5000
73:	38	2	36	37	2	35	246069.81104	246069.84596	-0.03491	0.05000	0.00731	-0.03479 0.5000
74:	39	2	38	38	2	37	246362.87786	246362.83603	0.04183	0.05000	0.00812	0.04183 0.5000
75:	39	1	38	38	1	37	246362.87786	246362.83603	0.04183	0.05000	0.00812	0.04183 0.5000
76:	40	1	40	39	1	39	246670.55123	246670.56626	-0.01503	0.05000	0.01066	-0.01503 0.5000
77:	40	0	40	39	0	39	246670.55123	246670.56626	-0.01503	0.05000	0.01066	-0.01503 0.5000

78:	36	5	31	35	5	30	251650.07228	251650.02100	0.05128	0.05000	0.00744	251700.16172	0.10892	0.5000
79:	37	5	33	36	5	32	251700.27064	251699.94437	0.32627	0.05000	0.00686	251700.16172	0.10892	0.5000
80:	37	4	33	36	4	32	251700.27064	251700.37907	-0.10843	0.05000	0.00686	251700.16172	0.10892	0.5000
81:	35	7	29	34	7	28	251766.94944	251766.88659	0.06285	0.05000	0.00974			
82:	38	4	35	37	4	34	251895.31220	251895.24241	0.06980	0.05000	0.00706	251895.24694	0.06526	0.5000
83:	38	3	35	37	3	34	251895.31220	251895.25147	0.06073	0.05000	0.00706	251895.24694	0.06526	0.5000
84:	35	6	29	34	6	28	252032.57301	252032.66284	-0.08983	0.05000	0.00989			
85:	39	3	37	38	3	36	252157.41742	252157.28973	0.12768	0.05000	0.00735	252157.28979	0.12762	0.5000
86:	39	2	37	38	2	36	252157.41742	252157.28985	0.12756	0.05000	0.00735	252157.28979	0.12762	0.5000
87:	40	2	39	39	2	38	252451.59973	252451.63119	-0.03147	0.05000	0.00811	252451.63119	-0.03147	0.5000
88:	40	1	39	39	1	38	252451.59973	252451.63119	-0.03147	0.05000	0.00811	252451.63119	-0.03147	0.5000
89:	41	0	41	40	0	40	252759.71051	252759.74551	-0.03500	0.05000	0.01078	252759.74551	-0.03500	0.5000
90:	41	1	41	40	1	40	252759.71051	252759.74551	-0.03500	0.05000	0.01078	252759.74551	-0.03500	0.5000
91:	34	7	27	33	7	26	254401.09850	254401.20457	-0.10607	0.05000	0.01808			
92:	34	9	26	33	9	25	255746.59572	255746.62491	-0.02919	0.05000	0.01910			
93:	38	5	34	37	5	33	257774.86303	257774.56746	0.29557	0.05000	0.00704	257774.67933	0.18370	0.5000
94:	38	4	34	37	4	33	257774.86303	257774.79121	0.07182	0.05000	0.00704	257774.67933	0.18370	0.5000
95:	36	6	30	35	6	29	257962.06519	257962.18750	-0.12231	0.05000	0.00981			
96:	39	4	36	38	4	35	257978.94032	257978.89393	0.04638	0.05000	0.00720	257978.89616	0.04415	0.5000
97:	39	3	36	38	3	35	257978.94032	257978.89839	0.04193	0.05000	0.00720	257978.89616	0.04415	0.5000
98:	41	2	40	40	2	39	258540.09547	258540.06617	0.02930	0.05000	0.00810	258540.06617	0.02930	0.5000
99:	41	1	40	40	1	39	258540.09547	258540.06617	0.02930	0.05000	0.00810	258540.06617	0.02930	0.5000
100:	42	0	42	41	0	41	258848.62280	258848.54356	0.07924	0.05000	0.01090	258848.54356	0.07924	0.5000
101:	42	1	42	41	1	41	258848.62280	258848.54356	0.07924	0.05000	0.01090	258848.54356	0.07924	0.5000
102:	38	5	33	37	5	32	263751.71390	263751.68733	0.02657	0.05000	0.00774			
103:	37	7	31	36	7	30	263839.26296	263839.20184	0.06112	0.05000	0.00987			
104:	39	5	35	38	5	34	263850.25822	263850.17975	0.07848	0.05000	0.00726	263850.23697	0.02125	0.5000
105:	39	4	35	38	4	34	263850.25822	263850.29420	-0.03598	0.05000	0.00726	263850.23697	0.02125	0.5000
106:	40	4	37	39	4	36	264062.65982	264062.59232	0.06750	0.05000	0.00736	264062.59342	0.06640	0.5000
107:	40	3	37	39	3	36	264062.65982	264062.59451	0.06531	0.05000	0.00736	264062.59342	0.06640	0.5000
108:	41	3	39	40	3	38	264331.41690	264331.39446	0.02244	0.05000	0.00744	264331.39448	0.02242	0.5000
109:	41	2	39	40	2	38	264331.41690	264331.39449	0.02241	0.05000	0.00744	264331.39448	0.02242	0.5000
110:	42	2	41	41	2	40	264628.16173	264628.12911	0.03262	0.05000	0.00809	264628.12911	0.03262	0.5000
111:	42	1	41	41	1	40	264628.16173	264628.12911	0.03262	0.05000	0.00809	264628.12911	0.03262	0.5000
112:	38	7	32	37	7	31	269871.33981	269871.26769	0.07212	0.05000	0.01001			
113:	38	6	32	37	6	31	269922.62468	269922.80895	-0.18426	0.05000	0.00998			
114:	40	5	36	39	5	35	269926.68664	269926.59836	0.08827	0.05000	0.00751	269926.62747	0.05917	0.5000
115:	40	4	36	39	4	35	269926.68664	269926.65658	0.03006	0.05000	0.00751	269926.62747	0.05917	0.5000
116:	42	3	40	41	3	39	270418.15235	270418.00848	0.14387	0.05000	0.00749	270418.00849	0.14386	0.5000
117:	42	2	40	41	2	39	270418.15235	270418.00850	0.14386	0.05000	0.00749	270418.00849	0.14386	0.5000
118:	43	2	42	42	2	41	270715.71116	270715.80852	-0.09736	0.05000	0.00808	270715.80852	-0.09736	0.5000
119:	43	1	42	42	1	41	270715.71116	270715.80852	-0.09736	0.05000	0.00808	270715.80852	-0.09736	0.5000
120:	37	7	30	36	7	29	270868.29151	270868.20173	0.08977	0.05000	0.01484			
121:	42	4	39	41	4	38	276229.87975	276229.88665	-0.00690	0.05000	0.00773	276229.88691	-0.00716	0.5000
122:	42	3	39	41	3	38	276229.87975	276229.88717	-0.00742	0.05000	0.00773	276229.88691	-0.00716	0.5000
123:	43	3	41	42	3	40	276504.34166	276504.30229	0.03937	0.05000	0.00754	276504.30230	0.03937	0.5000
124:	43	2	41	42	2	40	276504.34166	276504.30230	0.03936	0.05000	0.00754	276504.30230	0.03937	0.5000
125:	44	1	43	43	1	42	276802.98898	276803.09318	-0.10420	0.05000	0.00808	276803.09318	-0.10420	0.5000
126:	44	2	43	43	2	42	276802.98898	276803.09318	-0.10420	0.05000	0.00808	276803.09318	-0.10420	0.5000

127:	45	1	45	44	1	44	277112.49061	277112.55635	-0.06574	0.05000	0.01137	277112.55635	-0.06574	0.5000
128:	45	0	45	44	0	44	277112.49061	277112.55635	-0.06574	0.05000	0.01137	277112.55635	-0.06574	0.5000
129:	40	2	38	39	3	37	258244.38576	258244.48073	-0.09497	0.05000	0.00739	258244.48081	-0.09505	0.2500
130:	40	2	38	39	3	37	258244.38576	258244.48073	-0.09497	0.05000	0.00739	258244.48081	-0.09505	0.2500
131:	40	2	38	39	2	37	258244.38576	258244.48084	-0.09507	0.05000	0.00739	258244.48081	-0.09505	0.2500
132:	40	3	38	39	2	37	258244.38576	258244.48089	-0.09512	0.05000	0.00739	258244.48081	-0.09505	0.2500
133:	35	16	20	34	16	19	258949.32315	258949.25885	0.06430	0.05000	0.03807	258949.26282	0.06033	0.5000
134:	35	16	19	34	16	18	258949.32315	258949.26680	0.05636	0.05000	0.03807	258949.26282	0.06033	0.5000
135:	35	15	21	34	15	20	259594.16542	259594.21439	-0.04897	0.05000	0.03039	259594.28714	-0.12172	0.5000
136:	35	15	20	34	15	19	259594.16542	259594.35989	-0.19447	0.05000	0.03039	259594.28714	-0.12172	0.5000
137:	35	12	24	34	12	23	262788.25283	262788.14376	0.10907	0.05000	0.02128			
138:	43	8	36	42	8	35	306239.83405	306239.89178	-0.05773	0.05000	0.01564			
139:	50	0	50	49	0	49	307544.24073	307544.07825	0.16248	0.05000	0.01276	307544.07825	0.16248	0.2500
140:	50	0	50	49	1	49	307544.24073	307544.07825	0.16248	0.05000	0.01276	307544.07825	0.16248	0.2500
141:	50	1	50	49	0	49	307544.24073	307544.07825	0.16248	0.05000	0.01276	307544.07825	0.16248	0.2500
142:	50	1	50	49	1	49	307544.24073	307544.07825	0.16248	0.05000	0.01276	307544.07825	0.16248	0.2500
143:	47	5	42	46	6	41	318346.31912	318346.19243	0.12670	0.10000	0.01168	318346.20937	0.10975	0.2500
144:	47	6	42	46	6	41	318346.31912	318346.20379	0.11533	0.10000	0.01168	318346.20937	0.10975	0.2500
145:	47	5	42	46	5	41	318346.31912	318346.21496	0.10417	0.10000	0.01168	318346.20937	0.10975	0.2500
146:	47	6	42	46	5	41	318346.31912	318346.22632	0.09280	0.10000	0.01168	318346.20937	0.10975	0.2500
147:	49	3	46	48	3	45	318809.76402	318809.69945	0.06457	0.10000	0.00985	318809.69945	0.06457	0.2500
148:	49	3	46	48	4	45	318809.76402	318809.69944	0.06458	0.10000	0.00985	318809.69945	0.06457	0.2500
149:	49	4	46	48	3	45	318809.76402	318809.69945	0.06457	0.10000	0.00985	318809.69945	0.06457	0.2500
150:	49	4	46	48	4	45	318809.76402	318809.69945	0.06457	0.10000	0.00985	318809.69945	0.06457	0.2500
151:	50	2	48	49	2	47	319098.11552	319097.92776	0.18776	0.10000	0.00850	319097.92776	0.18776	0.2500
152:	50	2	48	49	3	47	319098.11552	319097.92776	0.18776	0.10000	0.00850	319097.92776	0.18776	0.2500
153:	50	3	48	49	2	47	319098.11552	319097.92776	0.18776	0.10000	0.00850	319097.92776	0.18776	0.2500
154:	50	3	48	49	3	47	319098.11552	319097.92776	0.18776	0.10000	0.00850	319097.92776	0.18776	0.2500
155:	51	1	50	50	1	49	319402.29521	319402.13330	0.16191	0.10000	0.00871	319402.13330	0.16191	0.2500
156:	51	1	50	50	2	49	319402.29521	319402.13330	0.16191	0.10000	0.00871	319402.13330	0.16191	0.2500
157:	51	2	50	50	1	49	319402.29521	319402.13330	0.16191	0.10000	0.00871	319402.13330	0.16191	0.2500
158:	51	2	50	50	2	49	319402.29521	319402.13330	0.16191	0.10000	0.00871	319402.13330	0.16191	0.2500
159:	52	0	52	51	0	51	319713.47932	319713.49473	-0.01541	0.10000	0.01363	319713.49473	-0.01541	0.2500
160:	52	0	52	51	1	51	319713.47932	319713.49473	-0.01541	0.10000	0.01363	319713.49473	-0.01541	0.2500
161:	52	1	52	51	0	51	319713.47932	319713.49473	-0.01541	0.10000	0.01363	319713.49473	-0.01541	0.2500
162:	52	1	52	51	1	51	319713.47932	319713.49473	-0.01541	0.10000	0.01363	319713.49473	-0.01541	0.2500
163:	51	2	49	50	2	48	325181.08119	325181.05847	0.02272	0.10000	0.00878	325181.05847	0.02272	0.2500
164:	51	2	49	50	3	48	325181.08119	325181.05847	0.02272	0.10000	0.00878	325181.05847	0.02272	0.2500
165:	51	3	49	50	2	48	325181.08119	325181.05847	0.02272	0.10000	0.00878	325181.05847	0.02272	0.2500
166:	51	3	49	50	3	48	325181.08119	325181.05847	0.02272	0.10000	0.00878	325181.05847	0.02272	0.2500
167:	52	1	51	51	1	50	325485.95297	325485.87899	0.07398	0.10000	0.00898	325485.87899	0.07398	0.2500
168:	52	1	51	51	2	50	325485.95297	325485.87899	0.07398	0.10000	0.00898	325485.87899	0.07398	0.2500
169:	52	2	51	51	1	50	325485.95297	325485.87899	0.07398	0.10000	0.00898	325485.87899	0.07398	0.2500
170:	52	2	51	51	2	50	325485.95297	325485.87899	0.07398	0.10000	0.00898	325485.87899	0.07398	0.2500
171:	53	0	53	52	0	52	325797.74343	325797.48174	0.26169	0.10000	0.01415	325797.48174	0.26169	0.2500
172:	53	0	53	52	1	52	325797.74343	325797.48174	0.26169	0.10000	0.01415	325797.48174	0.26169	0.2500
173:	53	1	53	52	0	52	325797.74343	325797.48174	0.26169	0.10000	0.01415	325797.48174	0.26169	0.2500
174:	53	1	53	52	1	52	325797.74343	325797.48174	0.26169	0.10000	0.01415	325797.48174	0.26169	0.2500
175:	50	4	46	49	5	45	330708.32044	330708.19581	0.12463	0.10000	0.01208	330708.19589	0.12456	0.2500

176:	50	4	46	49	4	45	330708.32044	330708.19591	0.12453	0.10000	0.01208	330708.19589	0.12456	0.2500
177:	50	5	46	49	5	45	330708.32044	330708.19586	0.12458	0.10000	0.01208	330708.19589	0.12456	0.2500
178:	50	5	46	49	4	45	330708.32044	330708.19596	0.12448	0.10000	0.01208	330708.19589	0.12456	0.2500
179:	53	1	52	52	1	51	331569.21391	331569.13665	0.07726	0.10000	0.00930	331569.13665	0.07726	0.2500
180:	53	1	52	52	2	51	331569.21391	331569.13665	0.07726	0.10000	0.00930	331569.13665	0.07726	0.2500
181:	53	2	52	52	1	51	331569.21391	331569.13665	0.07726	0.10000	0.00930	331569.13665	0.07726	0.2500
182:	53	2	52	52	2	51	331569.21391	331569.13665	0.07726	0.10000	0.00930	331569.13665	0.07726	0.2500
183:	51	4	47	50	4	46	336786.35831	336786.32584	0.03247	0.10000	0.01275	336786.32582	0.03248	0.2500
184:	51	4	47	50	5	46	336786.35831	336786.32579	0.03252	0.10000	0.01275	336786.32582	0.03248	0.2500
185:	51	5	47	50	5	46	336786.35831	336786.32581	0.03249	0.10000	0.01275	336786.32582	0.03248	0.2500
186:	51	5	47	50	4	46	336786.35831	336786.32586	0.03244	0.10000	0.01275	336786.32582	0.03248	0.2500
187:	53	2	51	52	2	50	337346.04976	337345.92995	0.11981	0.10000	0.00948	337345.92995	0.11981	0.2500
188:	53	2	51	52	3	50	337346.04976	337345.92995	0.11981	0.10000	0.00948	337345.92995	0.11981	0.2500
189:	53	3	51	52	3	50	337346.04976	337345.92995	0.11981	0.10000	0.00948	337345.92995	0.11981	0.2500
190:	53	3	51	52	3	50	337346.04976	337345.92995	0.11981	0.10000	0.00948	337345.92995	0.11981	0.2500
191:	55	0	55	54	0	54	337964.04133	337963.96692	0.07441	0.10000	0.01538	337963.96692	0.07441	0.2500
192:	55	0	55	54	1	54	337964.04133	337963.96692	0.07441	0.10000	0.01538	337963.96692	0.07441	0.2500
193:	55	1	55	54	0	54	337964.04133	337963.96692	0.07441	0.10000	0.01538	337963.96692	0.07441	0.2500
194:	55	1	55	54	1	54	337964.04133	337963.96692	0.07441	0.10000	0.01538	337963.96692	0.07441	0.2500
195:	51	5	46	50	6	45	342635.43215	342635.22581	0.20634	0.10000	0.01468	342635.22688	0.20527	0.2500
196:	51	6	46	50	6	45	342635.43215	342635.22652	0.20563	0.10000	0.01468	342635.22688	0.20527	0.2500
197:	51	5	46	50	5	45	342635.43215	342635.22724	0.20492	0.10000	0.01468	342635.22688	0.20527	0.2500
198:	51	6	46	50	5	45	342635.43215	342635.22795	0.20421	0.10000	0.01468	342635.22688	0.20527	0.2500
199:	52	4	48	51	4	47	342864.24816	342864.23558	0.01257	0.10000	0.01347	342864.23558	0.01258	0.2500
200:	52	4	48	51	5	47	342864.24816	342864.23556	0.01260	0.10000	0.01347	342864.23558	0.01258	0.2500
201:	52	5	48	51	4	47	342864.24816	342864.23559	0.01256	0.10000	0.01347	342864.23558	0.01258	0.2500
202:	52	5	48	51	5	47	342864.24816	342864.23557	0.01259	0.10000	0.01347	342864.23558	0.01258	0.2500
203:	53	3	50	52	3	49	343134.13257	343134.05714	0.07543	0.10000	0.01184	343134.05714	0.07543	0.2500
204:	53	3	50	52	4	49	343134.13257	343134.05714	0.07543	0.10000	0.01184	343134.05714	0.07543	0.2500
205:	53	4	50	52	3	49	343134.13257	343134.05714	0.07543	0.10000	0.01184	343134.05714	0.07543	0.2500
206:	53	4	50	52	4	49	343134.13257	343134.05714	0.07543	0.10000	0.01184	343134.05714	0.07543	0.2500
207:	55	1	54	54	1	53	343734.02374	343734.14853	-0.12479	0.10000	0.01017	343734.14853	-0.12479	0.2500
208:	55	1	54	54	2	53	343734.02374	343734.14853	-0.12479	0.10000	0.01017	343734.14853	-0.12479	0.2500
209:	55	2	54	54	1	53	343734.02374	343734.14853	-0.12479	0.10000	0.01017	343734.14853	-0.12479	0.2500
210:	55	2	54	54	2	53	343734.02374	343734.14853	-0.12479	0.10000	0.01017	343734.14853	-0.12479	0.2500
211:	56	0	56	55	0	55	344046.62414	344046.44655	0.17759	0.10000	0.01609	344046.44655	0.17759	0.2500
212:	56	0	56	55	1	55	344046.62414	344046.44655	0.17759	0.10000	0.01609	344046.44655	0.17759	0.2500
213:	56	1	56	55	0	55	344046.62414	344046.44655	0.17759	0.10000	0.01609	344046.44655	0.17759	0.2500
214:	56	1	56	55	1	55	344046.62414	344046.44655	0.17759	0.10000	0.01609	344046.44655	0.17759	0.2500
215:	51	6	45	50	7	44	348538.10002	348538.32294	-0.22292	0.10000	0.01718	348538.34707	-0.24705	0.2500
216:	51	7	45	50	7	44	348538.10002	348538.33927	-0.23925	0.10000	0.01718	348538.34707	-0.24705	0.2500
217:	51	6	45	50	6	44	348538.10002	348538.35487	-0.25485	0.10000	0.01718	348538.34707	-0.24705	0.2500
218:	51	7	45	50	6	44	348538.10002	348538.37120	-0.27118	0.10000	0.01718	348538.34707	-0.24705	0.2500
219:	53	4	49	52	4	48	348942.04724	348941.88810	0.15914	0.10000	0.01422	348941.88810	0.15914	0.3333
220:	53	4	49	52	5	48	348942.04724	348941.88809	0.15915	0.10000	0.01422	348941.88810	0.15914	0.3333
221:	53	5	49	52	4	48	348942.04724	348941.88811	0.15914	0.10000	0.01422	348941.88810	0.15914	0.3333
222:	55	2	53	54	2	52	349508.84599	349508.86658	-0.02059	0.10000	0.01040	349508.86658	-0.02059	0.2500
223:	55	2	53	54	3	52	349508.84599	349508.86658	-0.02059	0.10000	0.01040	349508.86658	-0.02059	0.2500
224:	55	3	53	54	2	52	349508.84599	349508.86658	-0.02059	0.10000	0.01040	349508.86658	-0.02059	0.2500

225:	55	3	53	54	3	52	349508.84599	349508.86658	-0.02059	0.10000	0.01040	349508.86658	-0.02059	0.2500
226:	56	1	55	55	1	54	349815.90994	349815.88324	0.02670	0.10000	0.01071	349815.88324	0.02670	0.2500
227:	56	1	55	55	2	54	349815.90994	349815.88324	0.02670	0.10000	0.01071	349815.88324	0.02670	0.2500
228:	56	2	55	55	1	54	349815.90994	349815.88324	0.02670	0.10000	0.01071	349815.88324	0.02670	0.2500
229:	56	2	55	55	2	54	349815.90994	349815.88324	0.02670	0.10000	0.01071	349815.88324	0.02670	0.2500
230:	55	3	52	54	3	51	355293.51490	355293.74611	-0.23121	0.10000	0.01309	355293.74611	-0.23121	0.3333
231:	55	4	52	54	3	51	355293.51490	355293.74611	-0.23121	0.10000	0.01309	355293.74611	-0.23121	0.3333
232:	55	4	52	54	4	51	355293.51490	355293.74611	-0.23121	0.10000	0.01309	355293.74611	-0.23121	0.3333
233:	56	2	54	55	2	53	355589.58481	355589.57984	0.00497	0.10000	0.09949	355589.57984	-0.02862	0.2500
234:	56	2	54	55	3	53	355589.58481	355589.57984	0.00497	0.10000	0.09949	355589.57984	-0.02862	0.2500
235:	56	3	54	55	2	53	355589.58481	355589.57984	0.00497	0.10000	0.09949	355589.57984	-0.02862	0.2500
236:	72	20	52	71	21	51	355589.58481	355589.71420	-0.12939	0.10000	0.09949	355589.71420	-0.02862	0.2500
237:	57	1	56	56	1	55	355897.04945	355897.09085	-0.04140	0.10000	0.01132	355897.09085	-0.04140	0.2500
238:	57	1	56	56	2	55	355897.04945	355897.09085	-0.04140	0.10000	0.01132	355897.09085	-0.04140	0.2500
239:	57	2	56	56	1	55	355897.04945	355897.09085	-0.04140	0.10000	0.01132	355897.09085	-0.04140	0.2500
240:	57	2	56	56	2	55	355897.04945	355897.09085	-0.04140	0.10000	0.01132	355897.09085	-0.04140	0.2500
241:	58	0	58	57	0	57	356209.85754	356209.83362	0.02393	0.10000	0.01772	356209.83362	0.02393	0.2500
242:	58	0	58	57	1	57	356209.85754	356209.83362	0.02393	0.10000	0.01772	356209.83362	0.02393	0.2500
243:	58	1	58	57	0	57	356209.85754	356209.83362	0.02393	0.10000	0.01772	356209.83362	0.02393	0.2500
244:	58	1	58	57	1	57	356209.85754	356209.83362	0.02393	0.10000	0.01772	356209.83362	0.02393	0.2500
245:	54	5	49	53	6	48	360853.74765	360853.84661	-0.09886	0.10000	0.01738	360853.84663	-0.09899	0.2500
246:	54	6	49	53	6	48	360853.74765	360853.84669	-0.09894	0.10000	0.01738	360853.84663	-0.09899	0.2500
247:	54	5	49	53	5	48	360853.74765	360853.84668	-0.09903	0.10000	0.01738	360853.84663	-0.09899	0.2500
248:	54	6	49	53	5	48	360853.74765	360853.84676	-0.09912	0.10000	0.01738	360853.84663	-0.09899	0.2500
249:	55	4	51	54	4	50	361096.25153	361096.28871	-0.03718	0.10000	0.01584	361096.28871	-0.03718	0.2500
250:	55	4	51	54	5	50	361096.25153	361096.28871	-0.03717	0.10000	0.01584	361096.28871	-0.03718	0.2500
251:	55	5	51	54	4	50	361096.25153	361096.28871	-0.03718	0.10000	0.01584	361096.28871	-0.03718	0.2500
252:	55	5	51	54	5	50	361096.25153	361096.28871	-0.03718	0.10000	0.01584	361096.28871	-0.03718	0.2500
253:	58	1	57	57	1	56	361977.73638	361977.76173	-0.02535	0.10000	0.01201	361977.76173	-0.02535	0.2500
254:	58	1	57	57	2	56	361977.73638	361977.76173	-0.02535	0.10000	0.01201	361977.76173	-0.02535	0.2500
255:	58	2	57	57	1	56	361977.73638	361977.76173	-0.02535	0.10000	0.01201	361977.76173	-0.02535	0.2500
256:	58	2	57	57	2	56	361977.73638	361977.76173	-0.02535	0.10000	0.01201	361977.76173	-0.02535	0.2500
257:	59	0	59	58	0	58	362290.62593	362290.72253	-0.09660	0.10000	0.01863	362290.72253	-0.09660	0.2500
258:	59	0	59	58	1	58	362290.62593	362290.72253	-0.09660	0.10000	0.01863	362290.72253	-0.09660	0.2500
259:	59	1	59	58	0	58	362290.62593	362290.72253	-0.09660	0.10000	0.01863	362290.72253	-0.09660	0.2500
260:	59	1	59	58	1	58	362290.62593	362290.72253	-0.09660	0.10000	0.01863	362290.72253	-0.09660	0.2500
261:	48	14	35	47	14	34	364611.85802	364611.72774	0.13028	0.10000	0.06178	364611.72774	0.13028	0.2500
262:	55	5	50	54	6	49	366926.79676	366926.67580	0.12096	0.10000	0.01836	366926.67586	0.12089	0.2500
263:	55	6	50	54	6	49	366926.79676	366926.67584	0.12092	0.10000	0.01836	366926.67586	0.12089	0.2500
264:	55	5	50	54	5	49	366926.79676	366926.67588	0.12087	0.10000	0.01836	366926.67586	0.12089	0.2500
265:	55	6	50	54	5	49	366926.79676	366926.67592	0.12083	0.10000	0.01836	366926.67586	0.12089	0.2500
266:	56	4	52	55	4	51	367172.89168	367172.97693	-0.08525	0.10000	0.01671	367172.97693	-0.08525	0.2500
267:	56	4	52	55	5	51	367172.89168	367172.97693	-0.08525	0.10000	0.01671	367172.97693	-0.08525	0.2500
268:	56	5	52	55	4	51	367172.89168	367172.97693	-0.08525	0.10000	0.01671	367172.97693	-0.08525	0.2500
269:	56	5	52	55	5	51	367172.89168	367172.97693	-0.08525	0.10000	0.01671	367172.97693	-0.08525	0.2500
270:	57	3	54	56	3	53	367451.90534	367451.58635	0.31900	0.10000	0.01453	367451.58635	0.31900	0.2500
271:	57	3	54	56	4	53	367451.90534	367451.58635	0.31900	0.10000	0.01453	367451.58635	0.31900	0.2500
272:	57	4	54	56	3	53	367451.90534	367451.58635	0.31900	0.10000	0.01453	367451.58635	0.31900	0.2500
273:	57	4	54	56	4	53	367451.90534	367451.58635	0.31900	0.10000	0.01453	367451.58635	0.31900	0.2500

274:	59	1	58	58	1	57	368057.67614	368057.88627	-0.21013	0.10000	0.01278	368057.88627	-0.21013	0.2500
275:	59	1	58	58	2	57	368057.67614	368057.88627	-0.21013	0.10000	0.01278	368057.88627	-0.21013	0.2500
276:	59	2	58	58	1	57	368057.67614	368057.88627	-0.21013	0.10000	0.01278	368057.88627	-0.21013	0.2500
277:	59	2	58	58	2	57	368057.67614	368057.88627	-0.21013	0.10000	0.01278	368057.88627	-0.21013	0.2500
278:	60	0	60	59	0	59	368371.13123	368371.06271	0.06852	0.10000	0.01962	368371.06271	0.06852	0.2500
279:	60	0	60	59	1	59	368371.13123	368371.06271	0.06852	0.10000	0.01962	368371.06271	0.06852	0.2500
280:	60	1	60	59	0	59	368371.13123	368371.06271	0.06852	0.10000	0.01962	368371.06271	0.06852	0.2500
281:	60	1	60	59	1	59	368371.13123	368371.06271	0.06852	0.10000	0.01962	368371.06271	0.06852	0.2500
282:	56	5	51	55	6	50	372999.03417	372999.38699	-0.35282	0.10000	0.01939	372999.38702	-0.35285	0.2500
283:	56	6	51	55	6	50	372999.03417	372999.38701	-0.35284	0.10000	0.01939	372999.38702	-0.35285	0.2500
284:	56	5	51	55	5	50	372999.03417	372999.38703	-0.35286	0.10000	0.01939	372999.38702	-0.35285	0.2500
285:	56	6	51	55	5	50	372999.03417	372999.38705	-0.35288	0.10000	0.01939	372999.38702	-0.35285	0.2500
286:	58	3	55	57	3	54	373529.64658	373529.77361	-0.12704	0.10000	0.01532	373529.77361	-0.12704	0.2500
287:	58	3	55	57	4	54	373529.64658	373529.77361	-0.12704	0.10000	0.01532	373529.77361	-0.12704	0.2500
288:	58	4	55	57	3	54	373529.64658	373529.77361	-0.12704	0.10000	0.01532	373529.77361	-0.12704	0.2500
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290:	59	2	57	58	2	56	373828.57662	373828.56349	0.01314	0.10000	0.01298	373828.56349	0.01314	0.2500
291:	59	2	57	58	3	56	373828.57662	373828.56349	0.01314	0.10000	0.01298	373828.56349	0.01314	0.2500
292:	59	3	57	58	2	56	373828.57662	373828.56349	0.01314	0.10000	0.01298	373828.56349	0.01314	0.2500
293:	59	3	57	58	3	56	373828.57662	373828.56349	0.01314	0.10000	0.01298	373828.56349	0.01314	0.2500
294:	60	1	59	59	1	58	374137.41077	374137.45490	-0.04413	0.10000	0.01362	374137.45490	-0.04413	0.2500
295:	60	1	59	59	2	58	374137.41077	374137.45490	-0.04413	0.10000	0.01362	374137.45490	-0.04413	0.2500
296:	60	2	59	59	1	58	374137.41077	374137.45490	-0.04413	0.10000	0.01362	374137.45490	-0.04413	0.2500
297:	60	2	59	59	2	58	374137.41077	374137.45490	-0.04413	0.10000	0.01362	374137.45490	-0.04413	0.2500
298:	61	0	61	60	0	60	374450.71580	374450.84490	-0.12910	0.10000	0.02068	374450.84490	-0.12910	0.2500
299:	61	0	61	60	1	60	374450.71580	374450.84490	-0.12910	0.10000	0.02068	374450.84490	-0.12910	0.2500
300:	61	1	61	60	0	60	374450.71580	374450.84490	-0.12910	0.10000	0.02068	374450.84490	-0.12910	0.2500
301:	61	1	61	60	1	60	374450.71580	374450.84490	-0.12910	0.10000	0.02068	374450.84490	-0.12910	0.2500
302:	58	4	54	57	4	53	379325.19051	379325.19558	-0.00507	0.10000	0.01859	379325.19558	-0.00507	0.2500
303:	58	4	54	57	5	53	379325.19051	379325.19558	-0.00507	0.10000	0.01859	379325.19558	-0.00507	0.2500
304:	58	5	54	57	4	53	379325.19051	379325.19558	-0.00507	0.10000	0.01859	379325.19558	-0.00507	0.2500
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306:	59	3	56	58	3	55	379607.81433	379607.45249	0.36184	0.10000	0.01617	379607.45249	0.36184	0.2500
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310:	60	2	58	59	2	57	379907.19186	379907.13603	0.05582	0.10000	0.01378	379907.13603	0.05582	0.2500
311:	60	2	58	59	3	57	379907.19186	379907.13603	0.05582	0.10000	0.01378	379907.13603	0.05582	0.2500
312:	60	3	58	59	2	57	379907.19186	379907.13603	0.05582	0.10000	0.01378	379907.13603	0.05582	0.2500
313:	60	3	58	59	3	57	379907.19186	379907.13603	0.05582	0.10000	0.01378	379907.13603	0.05582	0.2500
314:	62	0	62	61	0	61	380530.14170	380530.05986	0.08184	0.10000	0.02182	380530.05986	0.08184	0.2500
315:	62	0	62	61	1	61	380530.14170	380530.05986	0.08184	0.10000	0.02182	380530.05986	0.08184	0.2500
316:	62	1	62	61	0	61	380530.14170	380530.05986	0.08184	0.10000	0.02182	380530.05986	0.08184	0.2500
317:	62	1	62	61	1	61	380530.14170	380530.05986	0.08184	0.10000	0.02182	380530.05986	0.08184	0.2500
318:	56	7	49	55	8	48	384789.39844	384789.55851	-0.17148	0.10000	0.02625	384789.57529	-0.17685	0.2500
319:	56	8	49	55	8	48	384789.39844	384789.56992	-0.17148	0.10000	0.02625	384789.57529	-0.17685	0.2500
320:	56	7	49	55	7	48	384789.39844	384789.58065	-0.18221	0.10000	0.02625	384789.57529	-0.17685	0.2500
321:	56	8	49	55	7	48	384789.39844	384789.59206	-0.19362	0.10000	0.02625	384789.57529	-0.17685	0.2500
322:	59	4	55	58	4	54	385400.80477	385400.67789	0.12687	0.10000	0.01959	385400.67789	0.12687	0.2500

323:	59	4	55	58	5	54	385400.80477	385400.67789	0.12687	0.10000	0.01959	385400.67789	0.12687	0.2500
324:	59	5	55	58	4	54	385400.80477	385400.67789	0.12687	0.10000	0.01959	385400.67789	0.12687	0.2500
325:	59	5	55	58	5	54	385400.80477	385400.67789	0.12687	0.10000	0.01959	385400.67789	0.12687	0.2500
326:	60	3	57	59	3	56	385684.48082	385684.60877	-0.12795	0.10000	0.01706	385684.60877	-0.12795	0.2500
327:	60	3	57	59	4	56	385684.48082	385684.60877	-0.12795	0.10000	0.01706	385684.60877	-0.12795	0.2500
328:	60	4	57	59	3	56	385684.48082	385684.60877	-0.12795	0.10000	0.01706	385684.60877	-0.12795	0.2500
329:	60	4	57	59	4	56	385684.48082	385684.60877	-0.12795	0.10000	0.01706	385684.60877	-0.12795	0.2500
330:	61	2	59	60	2	58	385985.24563	385985.14632	0.09931	0.10000	0.01465	385985.14632	0.09931	0.2500
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334:	62	1	61	61	1	60	386294.95456	386294.88627	0.06828	0.10000	0.01552	386294.88627	0.06828	0.2500
335:	62	1	61	61	2	60	386294.95456	386294.88627	0.06828	0.10000	0.01552	386294.88627	0.06828	0.2500
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337:	62	2	61	61	2	60	386294.95456	386294.88627	0.06828	0.10000	0.01552	386294.88627	0.06828	0.2500
338:	63	0	63	62	0	62	386608.82606	386608.69834	0.12772	0.10000	0.02302	386608.69834	0.12772	0.2500
339:	63	0	63	62	1	62	386608.82606	386608.69834	0.12772	0.10000	0.02302	386608.69834	0.12772	0.2500
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341:	63	1	63	62	1	62	386608.82606	386608.69834	0.12772	0.10000	0.02302	386608.69834	0.12772	0.2500
342:	61	3	58	60	3	57	391761.06907	391761.22872	-0.15965	0.10000	0.01800	391761.22872	-0.15965	0.2500
343:	61	3	58	60	4	57	391761.06907	391761.22872	-0.15965	0.10000	0.01800	391761.22872	-0.15965	0.2500
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346:	59	6	53	58	7	52	397065.24343	397065.34612	-0.10269	0.10000	0.02598	397065.34622	-0.10279	0.2500
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354:	63	2	61	62	2	60	398139.41826	398139.43802	-0.01976	0.10000	0.01658	398139.43802	-0.01976	0.2500
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358:	64	1	63	63	1	62	398449.92490	398449.97982	-0.05493	0.10000	0.01772	398449.97982	-0.05493	0.2500
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362:	65	0	65	64	0	64	398764.25217	398764.20892	0.04324	0.10000	0.02565	398764.20892	0.04324	0.2500
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NORMALIZED DIAGONAL:
1 1.0000E+00 2 9.9970E-01 3 3.46417E-01 4 7.46624E-02 5 1.75370E-01 6 6.43264E-01
7 9.3882E-01 8 4.9838E-01

MARQUARDT PARAMETER = 0, TRUST EXPANSION = 1.00
NEW PARAMETER EST. ERROR -- CHANGE THIS ITERATION
1 10000 A 10273.5559 41 -0.0000
2 20000 B 4207.00901 81 -0.00000
3 30000 C 3048.493412223 0.000000
4 200 -DJ -0.885473180E-03 0.000000E-03
5 1100 -DJK -3.1927 33E-03 -0.0000E-03
6 2000 -DK -3.048 34E-03 0.0000E-03
7 40100 -dJ -0.250810 87E-03 0.000000E-03
8 41000 -dK -2.65474244E-03 0.000000E-03

MICROWAVE AVG = -0.003326 MHz, IR AVG = 0.00000
MICROWAVE RMS = 0.113263 MHz, IR RMS = 0.00000

END OF ITERATION 2 OLD, NEW RMS ERROR=
1 2 0.106286 1 3 -0.385275 1 4 -0.074056 1 5 0.207688 1 6 -0.392343 1 7 -0.147101 1 8 0.129849 2 1 0.106286
2 3 -0.386580 2 4 -0.712370 2 5 -0.320765 2 6 0.002783 2 7 -0.780959 2 8 -0.630004 3 1 -0.385275 3 2 -0.386580
3 4 0.136393 3 5 0.086528 3 6 0.049689 3 7 0.300209 3 8 0.276253 4 1 -0.074056 4 2 -0.712370 4 3 0.136393

```

4 5 -0.106312 4 6 0.493375 4 7 0.974946 4 8 0.751855 5 1 0.207688 5 2 -0.320765 5 3 0.086528 5 4 -0.106312
 5 6 -0.866683 5 7 -0.056773 5 8 0.408862 6 1 -0.392343 6 2 0.002783 6 3 0.049689 6 4 0.493375 6 5 -0.866683
 6 7 0.452627 6 8 -0.013453 7 1 -0.147101 7 2 -0.780959 7 3 0.300209 7 4 0.974946 7 5 -0.056773 7 6 0.452627
 7 8 0.734368 8 1 0.129849 8 2 -0.630004 8 3 0.276253 8 4 0.751855 8 5 0.408862 8 6 -0.013453 8 7 0.734368
 Glycolic acid AAT
 Tue May 16 14:33Thu May 18 08:16:00 2023

3 $\nu_{21}=1$ vibrational excited state fit file

Glycolic acid, V_21=1
 Thu May 18 08:33:58 2023
 LINES REQUESTED= 6328 NUMBER OF PARAMETERS= 15 NUMBER OF ITERATIONS= 5
 MARQUADT PARAMETER = 0.0000E+00 max OBS-CALC/ERROR =1.0000E+02
 PARAMETERS - A. PRIORI ERROR
 1 1 10000 1.0636193512874E+04 1.000000E+03 A
 2 2 20000 4.0451647707913E+03 1.000000E+02 B
 3 3 30000 2.9987404814439E+03 1.000000E+02 C
 4 4 200 -8.300923342725E-04 1.000000E+00 -DJ
 5 5 1100 -3.2904028387594E-03 1.000000E+00 -DJK
 6 6 2000 -5.3337256327807E-03 1.000000E+00 -DK
 7 7 40100 -2.1002923928095E-04 1.000000E+00 -dJ
 8 8 41000 -2.4908769415001E-03 1.000000E+00 -dK
 9 9 300 -1.6236347516740E-11 1.000000E+00 HJ
 10 10 1200 -8.4633845454187E-09 1.000000E+00 HJK
 11 11 2100 -1.8561738847824E-08 1.000000E+00 HKJ
 12 12 3000 3.8149072097599E-08 1.000000E+00 HK
 13 13 40200 1.7226103840775E-11 1.000000E+00 hJ
 14 14 41100 -3.3732425408856E-09 1.000000E+00 hJK
 15 15 42000 -2.2781549713081E-09 1.000000E+00 hK
 15 parameters read, 15 independent parameters
 ENERGY SORT OF WANG SUB-BLOCKS
 PROLATE ROTOR
 V KMIN KMAX WTP L WTMN ESYMW T NSYM SPINS
 0 0 118 1 1 99 2
 BLOCK - WT - SYM - V - TSP - N - other quanta rel. to F=0
 1 1 x 0 0
 2 1 c 0 0
 3 1 b 0 0
 4 1 a 0 0
 Maximum Dimension for Hamiltonian = 60
 EXP.FREQ. - CALC.FREQ. - DIFF. - EXP.ERR.- EST.ERR.-AVG. CALC.FREQ. - DIFF. - WT.
 1: 6 2 4 6 1 5 18205.72100 18205.80449 -0.08349 0.04000 0.00000
 2: 26 7 19 26 7 20 18391.74800 18391.71139 0.03661 0.04000 0.00000
 3: 3 1 3 2 1 2 19493.69000 19493.71502 -0.02502 0.04000 0.00000
 4: 7 2 5 7 1 6 19794.80500 19794.80944 -0.00444 0.04000 0.00000

5:	30	8	22	30	8	23	20015.34100	20015.34454	-0.00354	0.04000	0.00000
6:	12	3	9	12	3	10	20759.93100	20759.94943	-0.01843	0.04000	0.00000
7:	19	5	14	19	5	15	20960.59000	20960.59671	-0.00671	0.04000	0.00000
8:	3	2	2	2	2	1	21131.58100	21131.54713	0.03387	0.04000	0.00000
9:	34	9	25	34	9	26	21453.46400	21453.45396	0.01004	0.04000	0.00000
10:	3	2	1	2	2	0	21582.43100	21582.48582	-0.05482	0.04000	0.00000
11:	8	2	6	8	1	7	22605.89300	22605.85190	0.04110	0.04000	0.00000
12:	3	1	2	2	1	1	22624.99700	22624.96046	0.03654	0.04000	0.00000
13:	4	0	4	3	1	3	22627.99700	22628.01966	-0.02266	0.04000	0.00000
14:	38	10	28	38	10	29	22720.24300	22720.23297	0.01003	0.04000	0.00000
15:	23	6	17	23	6	18	23620.20700	23620.21090	-0.00390	0.04000	0.00000
16:	42	11	31	42	11	32	23827.86300	23827.78913	0.07387	0.04000	0.00000
17:	16	4	12	16	4	13	24963.90900	24964.02330	-0.11430	0.04000	0.00000
18:	3	1	3	2	0	2	25153.27300	25153.28545	-0.01245	0.04000	0.00000
19:	4	1	4	3	1	3	25874.64900	25874.64577	0.00323	0.04000	0.00000
20:	27	7	20	27	7	21	25996.07900	25996.08717	-0.00817	0.04000	0.00000
21:	10	3	7	10	2	8	26977.95400	26977.97306	-0.01906	0.04000	0.00000
22:	9	3	6	9	2	7	26981.77600	26981.78340	-0.00740	0.04000	0.00000
23:	4	0	4	3	0	3	27100.65700	27100.61770	0.03930	0.04000	0.00000
24:	4	2	3	3	2	2	28085.87600	28085.63019	0.04581	0.04000	0.00000
25:	31	8	23	31	8	24	28116.02500	28115.97561	0.04939	0.04000	0.00000
26:	11	3	8	11	2	9	28234.39900	28234.38971	0.00929	0.04000	0.00000
27:	4	3	2	3	3	1	28383.15400	28383.13309	0.02091	0.04000	0.00000
28:	4	3	1	3	3	0	28430.41700	28430.46458	-0.04758	0.04000	0.00000
29:	20	5	15	20	5	16	28714.58000	28714.57254	0.00746	0.04000	0.00000
30:	4	2	2	3	2	1	29159.96900	29159.96531	0.00369	0.04000	0.00000
31:	7	3	4	7	2	5	29610.31800	29610.32965	-0.01165	0.04000	0.00000
32:	5	0	5	4	1	4	29999.95200	29999.96313	-0.01113	0.04000	0.00000
33:	35	9	26	35	9	27	30001.47000	30001.44552	0.02448	0.04000	0.00000
34:	4	1	3	3	1	2	30012.87400	30012.86405	0.00995	0.04000	0.00000
35:	6	1	5	5	2	4	30186.90500	30186.94913	-0.04413	0.04000	0.00000
36:	4	1	4	3	0	3	30347.20700	30347.24381	-0.03681	0.04000	0.00000
37:	12	3	9	12	2	10	30915.57100	30915.57514	-0.00414	0.04000	0.00000
38:	6	3	3	6	2	4	31452.58200	31452.58351	-0.00151	0.04000	0.00000
39:	39	10	29	39	10	30	31670.00200	31670.02010	-0.01810	0.04000	0.00000
40:	24	6	18	24	6	19	32079.29900	32079.29389	0.00511	0.04000	0.00000
41:	5	1	5	4	1	4	32176.14200	32176.23636	-0.09436	0.04000	0.00000
42:	6	2	5	6	1	6	32897.82100	32897.83741	-0.01641	0.04000	0.00000
43:	17	4	13	17	4	14	32976.44400	32976.44165	0.00235	0.04000	0.00000
44:	5	3	2	5	2	3	33119.06500	33119.03469	0.03031	0.04000	0.00000
45:	6	2	5	6	0	6	34261.88300	34261.92720	-0.04420	0.04000	0.00000
46:	5	2	4	4	2	3	34963.82400	34963.80462	0.01938	0.04000	0.00000
47:	13	3	10	13	2	11	35069.94000	35069.97429	-0.03429	0.04000	0.00000
48:	28	7	21	28	7	22	35103.44100	35103.40587	0.03513	0.04000	0.00000
49:	5	1	5	4	0	4	35422.80400	35422.86247	-0.05847	0.04000	0.00000
50:	14	4	10	14	3	11	35429.29000	35429.29587	-0.00587	0.04000	0.00000
51:	5	3	2	4	3	1	35700.17500	35700.23739	-0.06239	0.04000	0.00000
52:	14	3	11	14	3	12	35728.10900	35728.13808	-0.02908	0.04000	0.00000
53:	13	4	9	13	3	10	35945.03400	35945.05308	-0.01908	0.04000	0.00000

54:	15	4	11	15	3	12	36334.15200	36334.15831	-0.00631	0.04000	0.00000	
55:	5	3	3	5	2	4	36510.04900	36510.04847	0.00053	0.04000	0.00000	
56:	7	2	6	7	1	7	36771.17700	36771.20544	-0.02844	0.04000	0.00000	
57:	5	2	3	4	2	2	36932.69900	36932.69977	-0.00077	0.04000	0.00000	
58:	6	0	6	5	1	5	37036.31900	37036.29332	0.02568	0.04000	0.00000	
59:	5	1	4	4	1	3	37245.28400	37245.23431	0.04969	0.04000	0.00000	
60:	17	3	15	16	3	14	115999.56622	115999.51807	0.04815	0.05000	0.00000	
61:	22	9	13	22	8	14	116088.06998	116088.03587	0.03411	0.05000	0.00000	
62:	19	1	19	18	1	18	116770.39445	116770.30995	0.08450	0.05000	0.00000	116770.48545
63:	19	0	19	18	0	18	116770.39445	116770.66095	-0.26650	0.05000	0.00000	116770.48545
64:	17	2	15	16	2	14	116772.08567	116772.15407	-0.06840	0.05000	0.00000	
65:	21	9	13	21	8	14	117069.68436	117069.69508	-0.01072	0.05000	0.00000	
66:	58	14	44	58	13	45	117099.24470	117099.27098	-0.02628	0.05000	0.00000	
67:	17	9	9	16	9	8	121239.29718	121239.24791	0.04927	0.05000	0.00000	121239.30199
68:	17	9	8	16	9	7	121239.29718	121239.35607	-0.05889	0.05000	0.00000	121239.30199
69:	33	6	27	33	5	28	121915.07484	121915.10187	-0.02703	0.05000	0.00000	
70:	28	10	19	28	9	20	126826.31013	126826.32900	-0.01887	0.05000	0.00000	
71:	29	5	25	29	4	26	126860.39580	126860.34233	0.05347	0.05000	0.00000	
72:	18	4	15	17	4	14	126956.11473	126956.05353	0.06120	0.05000	0.00000	
73:	37	11	27	37	10	28	133282.93363	133282.95773	-0.02410	0.05000	0.00000	
74:	19	4	16	18	4	15	133316.41272	133316.38522	0.02750	0.05000	0.00000	
75:	17	10	8	17	9	9	133764.87855	133764.94354	-0.06499	0.05000	0.00000	
76:	20	2	18	19	3	17	133921.65000	133921.64640	0.00360	0.05000	0.00000	
77:	36	11	26	36	10	27	134088.86487	134089.03232	-0.16745	0.05000	0.00000	
78:	20	3	18	19	3	17	134158.09855	134158.07413	0.02442	0.05000	0.00000	
79:	15	10	5	15	9	6	134193.25886	134193.21560	0.04326	0.05000	0.00000	
80:	20	2	18	19	2	17	134334.51184	134334.47988	0.03196	0.05000	0.00000	
81:	21	1	20	20	2	19	134431.98845	134431.98805	0.00040	0.05000	0.00000	
82:	21	2	20	20	2	19	134437.18525	134437.18872	-0.00347	0.05000	0.00000	
83:	21	1	20	20	1	19	134441.87739	134441.88138	-0.00399	0.05000	0.00000	
84:	21	2	20	20	1	19	134447.10321	134447.08204	0.02117	0.05000	0.00000	
85:	20	3	18	19	2	17	134570.98074	134570.90761	0.07313	0.05000	0.00000	
86:	19	17	2	18	17	1	134596.45196	134596.40758	0.04438	0.05000	0.00000	
87:	19	16	3	18	16	2	134660.60998	134660.57571	0.03427	0.05000	0.00000	
88:	18	5	13	17	5	12	134709.64225	134709.59709	0.04516	0.05000	0.00000	
89:	19	15	4	18	15	3	134736.85800	134736.85448	0.00352	0.05000	0.00000	
90:	22	0	22	21	0	21	134755.41929	134755.40741	0.01188	0.05000	0.00000	
91:	19	13	6	18	13	5	134942.27744	134942.25911	0.01833	0.05000	0.00000	
92:	19	12	7	18	12	6	135084.37647	135084.37531	0.00116	0.05000	0.00000	
93:	19	11	8	18	11	7	135266.96250	135266.94458	0.01792	0.05000	0.00000	
94:	33	11	22	33	10	23	135394.89832	135394.85040	0.04792	0.05000	0.00000	
95:	19	10	10	18	10	9	135508.28941	135508.26353	0.02588	0.05000	0.00000	
96:	19	3	16	18	3	15	135644.00214	135643.94601	0.05613	0.05000	0.00000	
97:	18	4	14	17	4	13	135737.87427	135737.82902	0.04525	0.05000	0.00000	
98:	19	9	11	18	9	10	135838.70618	135838.66192	0.04426	0.05000	0.00000	
99:	19	9	10	18	9	9	135839.54531	135839.47683	0.06848	0.05000	0.00000	
100:	40	12	28	40	11	29	136007.15508	136007.15231	0.00277	0.05000	0.00000	
101:	35	6	29	35	5	30	136038.59728	136038.57822	0.01906	0.05000	0.00000	
102:	41	10	32	41	9	33	136159.76868	136159.82262	-0.05394	0.05000	0.00000	

103:	19	8	12	18	8	11	136307.54748	136307.51813	0.02935	0.05000	0.00000
104:	19	8	11	18	8	10	136323.68665	136323.65968	0.02697	0.05000	0.00000
105:	37	8	30	37	7	31	136522.72360	136522.74743	-0.02383	0.05000	0.00000
106:	19	5	15	18	5	14	136636.36658	136636.32985	0.03673	0.05000	0.00000
107:	19	6	14	18	6	13	137461.80029	137461.79297	0.00732	0.05000	0.00000
108:	56	15	41	56	14	42	138839.81531	138839.80833	0.00698	0.05000	0.00000
109:	57	13	44	57	12	45	138913.35970	138913.35581	0.00389	0.05000	0.00000
110:	43	11	33	43	10	34	138987.30362	138987.29319	0.01043	0.05000	0.00000
111:	20	4	17	19	4	16	139570.79929	139570.78921	0.01008	0.05000	0.00000
112:	31	11	21	31	10	22	139989.38642	139989.37105	0.01537	0.05000	0.00000
113:	61	16	45	61	15	46	139993.55973	139993.53133	0.02840	0.05000	0.00000
114:	47	10	37	47	9	38	140001.05968	140001.08127	-0.02159	0.05000	0.00000
115:	21	2	19	20	3	18	140030.31623	140030.30134	0.01489	0.05000	0.00000
116:	23	0	23	22	0	22	140750.02106	140750.02695	-0.00589	0.05000	0.00000
117:	42	10	33	42	9	34	140783.06104	140783.06596	-0.00492	0.05000	0.00000
118:	25	11	14	25	10	15	145277.64838	145277.67164	-0.02326	0.05000	0.00000
119:	40	12	29	40	11	30	145280.45836	145280.50237	-0.04401	0.05000	0.00000
120:	25	11	15	25	10	16	145289.41264	145289.43837	-0.02573	0.05000	0.00000
121:	21	4	18	20	4	17	145739.20744	145739.17427	0.03317	0.05000	0.00000
122:	23	3	21	22	3	20	152150.28909	152150.36332	-0.07423	0.05000	0.00000
123:	35	13	22	35	12	23	168680.46515	168680.46010	0.00505	0.05000	0.00000
124:	35	13	23	35	12	24	168762.43468	168762.46997	-0.03529	0.05000	0.00000
125:	47	14	34	47	13	35	168800.87375	168800.91575	-0.04200	0.05000	0.00000
126:	23	7	16	22	7	15	168936.35540	168936.29933	0.05607	0.05000	0.00000
127:	55	14	42	55	13	43	169013.72465	169013.74710	-0.02245	0.05000	0.00000
128:	31	1	30	31	0	31	169066.86557	169066.85259	0.01298	0.05000	0.00000
129:	13	6	8	12	5	7	169295.34072	169295.40280	-0.06208	0.05000	0.00000
130:	24	5	20	23	5	19	169348.22723	169348.19785	0.02938	0.05000	0.00000
131:	63	14	49	63	13	50	169426.99862	169426.96077	0.03785	0.05000	0.00000
132:	45	14	31	45	13	32	169437.86069	169437.86398	-0.00329	0.05000	0.00000
133:	46	13	33	45	14	32	169599.22733	169599.27575	-0.04842	0.05000	0.00000
134:	25	3	22	24	4	21	169692.18381	169692.16976	0.01405	0.05000	0.00000
135:	22	5	18	21	4	17	169702.72430	169702.69216	0.03214	0.05000	0.00000
136:	34	13	21	34	12	22	169718.80818	169718.85262	-0.04444	0.05000	0.00000
137:	34	13	22	34	12	23	169760.99293	169761.10025	-0.10732	0.05000	0.00000
138:	24	23	1	23	23	0	169881.63655	169881.65868	-0.02213	0.05000	0.00000
139:	25	4	22	24	4	21	169920.33597	169920.29566	0.04031	0.05000	0.00000
140:	24	21	3	23	21	2	169998.58163	169998.59441	-0.01278	0.05000	0.00000
141:	11	7	5	10	6	4	170054.02665	170054.08553	-0.05888	0.05000	0.00000
142:	24	20	4	23	20	3	170068.27254	170068.30040	-0.02786	0.05000	0.00000
143:	25	3	22	24	3	21	170085.66816	170085.61204	0.05612	0.05000	0.00000
144:	26	3	24	25	3	23	170111.12363	170111.12600	-0.00237	0.05000	0.00000
145:	26	2	24	25	2	23	170116.76297	170116.76030	0.00267	0.05000	0.00000
146:	26	3	24	25	2	23	170123.34096	170123.32450	0.01646	0.05000	0.00000
147:	24	19	5	23	19	4	170147.69583	170147.80094	-0.10511	0.05000	0.00000
148:	24	18	6	23	18	5	170239.46550	170239.45488	0.01062	0.05000	0.00000
149:	25	4	22	24	3	21	170313.71721	170313.73794	-0.02073	0.05000	0.00000
150:	24	17	7	23	17	6	170346.40462	170346.35648	0.04814	0.05000	0.00000
151:	27	2	26	26	2	25	170390.61244	170390.57329	0.03915	0.05000	0.00000
										170390.62009	-0.00765 0.5000

152:	27	1	26	26	1	25	170390.61244	170390.66690	-0.05446	0.05000	0.00000	170390.62009	-0.00765	0.5000
153:	46	14	33	46	13	34	170434.25231	170434.22941	0.02290	0.05000	0.00000			
154:	24	16	8	23	16	7	170472.57165	170472.63480	-0.06315	0.05000	0.00000			
155:	30	7	23	29	8	22	170614.31194	170614.30310	0.00884	0.05000	0.00000			
156:	24	15	9	23	15	8	170623.86789	170623.91034	-0.04245	0.05000	0.00000			
157:	33	13	20	33	12	21	170643.13604	170643.17687	-0.04083	0.05000	0.00000			
158:	33	13	21	33	12	22	170664.33278	170664.34500	-0.01222	0.05000	0.00000			
159:	28	0	28	27	0	27	170719.89295	170719.88961	0.00334	0.05000	0.00000			
160:	24	14	10	23	14	9	170808.01184	170808.01551	-0.00367	0.05000	0.00000			
161:	33	2	31	33	1	32	171028.50401	171028.42048	0.08353	0.05000	0.00000	171028.45604	0.04797	0.5000
162:	33	3	31	33	2	32	171028.50401	171028.49161	0.01240	0.05000	0.00000	171028.45604	0.04797	0.5000
163:	24	13	11	23	13	10	171036.19223	171036.17971	0.01252	0.05000	0.00000			
164:	52	12	41	52	11	42	171282.10118	171282.10390	-0.00272	0.05000	0.00000			
165:	24	12	12	23	12	11	171325.09714	171325.08749	0.00965	0.05000	0.00000			
166:	32	13	19	32	12	20	171468.55422	171468.55983	-0.00561	0.05000	0.00000			
167:	32	13	20	32	12	21	171478.85529	171478.86398	-0.00869	0.05000	0.00000			
168:	45	9	37	45	8	38	171483.19959	171483.22752	-0.02793	0.05000	0.00000			
169:	24	4	20	23	4	19	171488.94982	171488.94086	0.00896	0.05000	0.00000			
170:	24	11	13	23	11	12	171700.72777	171700.76961	-0.04184	0.05000	0.00000	171700.68968	0.03809	0.5000
171:	24	11	14	23	11	13	171700.72777	171700.60975	0.11802	0.05000	0.00000	171700.68968	0.03809	0.5000
172:	45	12	34	44	13	31	171875.07756	171875.00134	0.07622	0.05000	0.00000			
173:	56	14	43	56	13	44	171975.00126	171974.99520	0.00606	0.05000	0.00000			
174:	57	16	41	57	15	42	172091.37245	172091.36572	0.00673	0.05000	0.00000			
175:	45	14	32	45	13	33	172119.61975	172119.64767	-0.02792	0.05000	0.00000			
176:	44	14	30	44	13	31	172160.22935	172160.26120	-0.03185	0.05000	0.00000			
177:	24	10	15	23	10	14	172204.51816	172204.52222	-0.00406	0.05000	0.00000			
178:	24	10	14	23	10	13	172207.68692	172207.68458	0.00234	0.05000	0.00000			
179:	31	13	19	31	12	20	172211.61147	172211.63004	-0.01857	0.05000	0.00000			
180:	23	5	19	22	4	18	172228.53545	172228.57678	-0.04133	0.05000	0.00000			
181:	26	9	18	25	9	17	187974.44414	187974.40641	0.03773	0.05000	0.00000			
182:	46	15	31	46	14	32	188023.77642	188023.77041	0.00601	0.05000	0.00000			
183:	30	14	17	30	13	18	188030.86323	188030.99819	-0.13496	0.05000	0.00000	188030.93989	-0.07666	0.5000
184:	30	14	16	30	13	17	188030.86323	188030.88159	-0.01836	0.05000	0.00000	188030.93989	-0.07666	0.5000
185:	36	2	34	36	1	35	188056.68313	188056.63133	0.05180	0.05000	0.00000			
186:	29	2	27	28	3	26	188070.17667	188070.17378	0.00289	0.05000	0.00000			
187:	29	3	27	28	3	26	188071.21050	188071.15714	0.05336	0.05000	0.00000			
188:	29	2	27	28	2	26	188072.09450	188072.03646	0.05804	0.05000	0.00000			
189:	29	3	27	28	2	26	188073.08011	188073.01982	0.06029	0.05000	0.00000			
190:	27	4	23	26	4	22	188333.81145	188333.78491	0.02654	0.05000	0.00000			
191:	50	10	41	50	9	42	188339.06344	188339.08743	-0.02399	0.05000	0.00000			
192:	30	1	29	29	1	28	188365.99031	188365.96528	0.02503	0.05000	0.00000			
193:	46	15	32	46	14	33	188637.27066	188637.25642	0.01424	0.05000	0.00000			
194:	31	0	31	30	0	30	188698.68938	188698.70892	-0.01954	0.05000	0.00000			
195:	26	7	20	25	7	19	188861.01914	188860.99810	0.02104	0.05000	0.00000			
196:	60	17	43	60	16	44	188876.34112	188876.32517	0.01595	0.05000	0.00000			
197:	26	8	19	25	8	18	188895.11225	188895.09084	0.02141	0.05000	0.00000			
198:	28	14	15	28	13	16	188899.16528	188899.17826	-0.01298	0.05000	0.00000			
199:	55	16	40	55	15	41	190711.28310	190711.29345	-0.01035	0.05000	0.00000			
200:	21	14	7	21	13	8	190748.63970	190748.61207	0.02763	0.05000	0.00000			

250:	59	17	42	59	16	43	194323.83926	194323.77353	0.06573	0.05000	0.00000	
251:	31	1	30	30	1	29	194357.38499	194357.39735	-0.01236	0.05000	0.00000	
252:	59	12	47	59	11	48	194382.25931	194382.27242	-0.01311	0.05000	0.00000	
253:	63	15	49	63	14	50	194476.88958	194476.82103	0.06855	0.05000	0.00000	
254:	53	16	38	53	15	39	194583.72790	194583.73428	-0.00638	0.05000	0.00000	
255:	27	10	18	26	10	17	194597.53575	194597.52979	0.00596	0.05000	0.00000	
256:	27	10	17	26	10	16	194627.26628	194627.29292	-0.02664	0.05000	0.00000	
257:	51	10	42	51	9	43	194648.98960	194648.96497	0.02463	0.05000	0.00000	
258:	32	0	32	31	0	31	194691.05451	194691.05984	-0.00533	0.05000	0.00000	
259:	26	7	19	25	7	18	194857.42836	194857.43456	-0.00620	0.05000	0.00000	
260:	70	19	51	70	18	52	195042.62912	195042.52565	0.10347	0.05000	0.00000	
261:	64	17	48	64	16	49	195119.59174	195119.52200	0.06974	0.05000	0.00000	
262:	41	15	26	41	14	27	195358.47087	195358.49233	-0.02146	0.05000	0.00000	
263:	39	4	36	39	3	37	195370.48595	195370.48159	0.00436	0.05000	0.00000	
264:	41	15	27	41	14	28	195389.72087	195389.78844	-0.06757	0.05000	0.00000	
265:	48	13	35	47	14	34	195403.66332	195403.62690	0.03642	0.05000	0.00000	
266:	63	17	47	63	16	48	195530.69868	195530.72952	-0.03084	0.05000	0.00000	
267:	27	9	19	26	9	18	195562.04959	195562.01812	0.03147	0.05000	0.00000	
268:	27	9	18	26	9	17	195879.03042	195879.03034	0.00008	0.05000	0.00000	
269:	27	7	21	26	7	20	195940.20575	195940.22258	-0.01683	0.05000	0.00000	
270:	75	20	55	75	19	56	195986.95016	195986.92803	0.02213	0.05000	0.00000	
271:	18	6	13	17	5	12	196000.11903	196000.13126	-0.01223	0.05000	0.00000	
272:	56	12	45	56	11	46	196006.62007	196006.65317	-0.03310	0.05000	0.00000	
273:	49	8	41	49	7	42	196147.92467	196147.97610	-0.05143	0.05000	0.00000	
274:	49	9	41	49	8	42	196292.76599	196292.76540	0.00059	0.05000	0.00000	
275:	40	15	25	40	14	26	196415.26548	196415.27425	-0.00877	0.05000	0.00000	
276:	27	8	20	26	8	19	196421.30927	196421.31131	-0.00204	0.05000	0.00000	
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280:	52	16	37	52	15	38	196526.33848	196526.32956	0.00892	0.05000	0.00000	
281:	41	5	37	41	4	38	196587.89434	196588.10324	-0.20890	0.05000	0.00000	196587.94820
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283:	26	6	20	25	6	19	196932.43282	196932.46041	-0.02759	0.05000	0.00000	
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285:	47	8	40	47	7	41	197255.46842	197255.43662	0.03180	0.05000	0.00000	
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287:	43	5	38	43	4	39	197340.26756	197340.28888	-0.02132	0.05000	0.00000	
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289:	36	1	35	36	0	36	197344.56957	197344.46332	0.10625	0.05000	0.00000	
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292:	45	6	39	45	5	40	197575.25518	197575.26697	-0.01179	0.05000	0.00000	
293:	45	7	39	45	6	40	197584.03411	197584.04163	-0.00752	0.05000	0.00000	
294:	54	10	44	54	9	45	197776.31623	197776.31777	-0.00154	0.05000	0.00000	
295:	15	7	9	14	6	8	197816.82120	197816.79061	0.03059	0.05000	0.00000	
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299:	28 26	2 27 26	1	198183.95406	198183.94671	0.00735	0.05000	0.00000	
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306:	28 21	7 27 21	6	198568.91995	198568.92515	-0.00520	0.05000	0.00000	
307:	37 9	28 36 10	27	198596.45762	198596.43847	0.01915	0.05000	0.00000	
308:	27 8	19 26 8	18	198643.92036	198643.93523	-0.01487	0.05000	0.00000	
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311:	28 18	10 27 18	9	198943.54837	198943.56390	-0.01553	0.05000	0.00000	
312:	37 15	22 37 14	23	199044.92618	199045.06607	-0.13989	0.05000	0.00000	
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318:	59 13	47 59 12	48	199393.61898	199393.59872	0.02026	0.05000	0.00000	
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320:	50 16	34 50 15	35	199547.73765	199547.77680	-0.03915	0.05000	0.00000	
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324:	30 3	27 29 4	26	199811.03787	199811.19643	-0.15856	0.05000	0.00000	
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328:	30 4	27 29 3	26	199846.99158	199846.99700	-0.00542	0.05000	0.00000	
329:	64 15	50 64 14	51	199942.96905	199942.93748	0.03157	0.05000	0.00000	
330:	29 4	25 28 4	24	199961.85980	199961.85884	0.00096	0.05000	0.00000	
331:	31 2	29 30 2	28	200045.98838	200046.12773	-0.13935	0.05000	0.00000	
332:	50 16	35 50 15	36	200204.93584	200204.95073	-0.01489	0.05000	0.00000	
333:	28 13	16 27 13	15	200212.77888	200212.77924	-0.00036	0.05000	0.00000	200212.78522
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335:	29 5	25 28 4	24	200311.66671	200311.67924	-0.01253	0.05000	0.00000	
336:	32 1	31 31 1	30	200348.58679	200348.61056	-0.02377	0.05000	0.00000	
337:	20 6	15 19 5	14	200481.24803	200481.22191	0.02612	0.05000	0.00000	
338:	52 9	43 52 8	44	200627.37935	200627.40398	-0.02463	0.05000	0.00000	
339:	57 11	46 57 10	47	200634.54464	200634.56465	-0.02001	0.05000	0.00000	
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345:	28 11	18 27 11	17	201302.05247	201302.05091	0.00156	0.05000	0.00000	
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348:	24	6	19	23	5	18	201470.79943	201470.82911	-0.02968	0.05000	0.00000	
349:	49	16	33	49	15	34	201512.59732	201512.62320	-0.02588	0.05000	0.00000	
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355:	28	5	23	27	5	22	201840.17376	201840.18295	-0.00919	0.05000	0.00000	
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357:	49	16	34	49	15	35	201895.95270	201895.94731	0.00539	0.05000	0.00000	
358:	32	7	25	31	8	24	201917.54456	201917.54141	0.00315	0.05000	0.00000	
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360:	30	6	24	29	7	23	202030.98638	202030.98588	0.00050	0.05000	0.00000	
361:	32	15	17	32	14	18	202067.12623	202067.19339	-0.06716	0.05000	0.00000	
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363:	28	10	18	27	10	17	202193.21501	202193.19984	0.01517	0.05000	0.00000	
364:	42	5	38	42	4	39	202329.22824	202329.34108	-0.11284	0.05000	0.00000	
365:	42	4	38	42	3	39	202329.22824	202329.17442	0.05382	0.05000	0.00000	
366:	50	9	42	50	8	43	202426.90729	202426.92454	-0.01725	0.05000	0.00000	
367:	66	14	52	66	13	53	202458.45850	202458.48201	-0.02351	0.05000	0.00000	
368:	57	12	46	57	11	47	202487.00072	202487.00899	-0.00827	0.05000	0.00000	
369:	31	15	16	31	14	17	202514.56016	202514.56017	-0.00001	0.05000	0.00000	
370:	60	12	48	60	11	49	202541.61651	202541.62955	-0.01304	0.05000	0.00000	
371:	62	14	49	62	13	50	202621.60456	202621.61553	-0.01097	0.05000	0.00000	
372:	57	17	40	57	16	41	202656.08283	202656.11604	-0.03321	0.05000	0.00000	
373:	26	6	21	25	5	20	202691.01777	202691.02766	-0.00989	0.05000	0.00000	
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375:	30	15	15	30	14	16	202918.82155	202918.87239	-0.05084	0.05000	0.00000	
376:	69	19	50	69	18	51	202983.49173	202983.37111	0.12062	0.05000	0.00000	
377:	37	1	36	37	0	37	202997.18533	202997.17230	0.01303	0.05000	0.00000	
378:	44	5	39	44	4	40	203144.38740	203144.41575	-0.02835	0.05000	0.00000	
379:	44	6	39	44	5	40	203145.48009	203145.40012	0.07997	0.05000	0.00000	
380:	28	9	20	27	9	19	203172.36798	203172.35169	0.01629	0.05000	0.00000	
381:	48	7	41	48	6	42	203231.17289	203231.15184	0.02105	0.05000	0.00000	
382:	48	8	41	48	7	42	203253.15925	203253.15731	0.00194	0.05000	0.00000	
383:	48	16	32	48	15	33	203255.81798	203255.80082	0.01716	0.05000	0.00000	
384:	29	15	15	29	14	16	203283.48427	203283.46554	0.01873	0.05000	0.00000	
385:	48	16	33	48	15	34	203474.98074	203474.97073	0.01001	0.05000	0.00000	
386:	27	7	20	26	7	19	203544.61523	203544.59836	0.01687	0.05000	0.00000	
387:	58	17	42	58	16	43	203586.97151	203586.96371	0.00780	0.05000	0.00000	
388:	28	15	13	28	14	14	203611.41114	203611.41896	-0.00782	0.05000	0.00000	
389:	28	9	19	27	9	18	203729.21695	203729.20327	0.01368	0.05000	0.00000	
390:	26	15	11	26	14	12	204168.67300	204168.68449	-0.01149	0.05000	0.00000	
391:	25	15	10	25	14	11	204403.17820	204403.15596	0.02224	0.05000	0.00000	
392:	43	11	32	42	12	31	204463.48444	204463.46457	0.01987	0.05000	0.00000	
393:	27	6	22	26	5	21	204465.52566	204465.54686	-0.02120	0.05000	0.00000	
394:	16	7	10	15	6	9	204536.52862	204536.64394	-0.11532	0.05000	0.00000	
395:	55	10	45	55	9	46	204542.09559	204542.08033	0.01526	0.05000	0.00000	
396:	24	15	9	24	14	10	204611.34113	204611.35043	-0.00930	0.05000	0.00000	

202329.25775 -0.02951 0.5000
202329.25775 -0.02951 0.5000

397:	23	15	8	23	14	9	204795.45396	204795.45559	-0.00163	0.05000	0.00000	
398:	47	16	31	47	15	32	204817.85250	204817.82962	0.02288	0.05000	0.00000	
399:	16	7	9	15	6	10	204872.18308	204872.21817	-0.03509	0.05000	0.00000	
400:	47	16	32	47	15	33	204940.64761	204940.67250	-0.02489	0.05000	0.00000	
401:	22	15	7	22	14	8	204957.62906	204957.52583	0.10323	0.05000	0.00000	
402:	39	2	37	39	1	38	205063.97924	205063.91328	0.06596	0.05000	0.00000	
403:	21	15	6	21	14	7	205099.50311	205099.49231	0.01080	0.05000	0.00000	
404:	55	11	45	55	10	46	205160.55552	205160.59049	-0.03497	0.05000	0.00000	
405:	29	28	1	28	28	0	205184.13417	205184.11356	0.02061	0.05000	0.00000	
406:	20	15	5	20	14	6	205223.21348	205223.17157	0.04191	0.05000	0.00000	
407:	29	27	2	28	27	1	205241.57141	205241.59972	-0.02831	0.05000	0.00000	
408:	29	26	3	28	26	2	205304.02322	205303.98468	0.03854	0.05000	0.00000	
409:	29	25	4	28	25	3	205372.14697	205372.14920	-0.00223	0.05000	0.00000	
410:	29	6	24	28	6	23	205380.44028	205380.49546	-0.05518	0.05000	0.00000	
411:	14	8	7	13	7	6	205390.36868	205390.29942	0.05926	0.05000	0.00000	
412:	14	8	6	13	7	7	205392.46040	205392.45901	0.00139	0.05000	0.00000	
413:	18	15	3	18	14	4	205422.41044	205422.40372	0.00672	0.05000	0.00000	
414:	29	24	5	28	24	4	205447.19321	205447.16412	0.02909	0.05000	0.00000	
415:	30	4	26	29	5	25	205495.53662	205495.55551	-0.01889	0.05000	0.00000	
416:	17	15	2	17	14	3	205501.13200	205501.07613	0.05587	0.05000	0.00000	
417:	29	23	6	28	23	5	205530.30639	205530.34233	-0.03594	0.05000	0.00000	
418:	12	9	4	11	8	3	205554.28437	205554.21559	0.06878	0.05000	0.00000	
419:	16	15	1	16	14	2	205567.74568	205567.70966	0.03602	0.05000	0.00000	
420:	10	10	1	9	9	0	205594.79645	205594.80511	-0.00866	0.05000	0.00000	
421:	29	22	7	28	22	6	205623.29616	205623.30848	-0.01232	0.05000	0.00000	
422:	57	17	41	57	16	42	205676.29109	205676.29047	0.00062	0.05000	0.00000	
423:	30	5	26	29	5	25	205700.22807	205700.17986	0.04821	0.05000	0.00000	
424:	29	21	8	28	21	7	205728.05151	205728.09354	-0.04203	0.05000	0.00000	
425:	31	3	28	30	4	27	205794.70373	205794.65140	0.05233	0.05000	0.00000	
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427:	31	3	28	30	3	27	205807.38448	205807.37680	0.00768	0.05000	0.00000	
428:	31	4	28	30	3	27	205814.36728	205814.34310	0.02418	0.05000	0.00000	
429:	65	15	51	65	14	52	205840.59697	205840.57470	0.02227	0.05000	0.00000	
430:	30	4	26	29	4	25	205845.38734	205845.37591	0.01143	0.05000	0.00000	
431:	29	20	9	28	20	8	205847.26077	205847.26562	-0.00485	0.05000	0.00000	
432:	60	13	48	60	12	49	205886.21254	205886.19581	0.01673	0.05000	0.00000	
433:	29	19	10	28	19	9	205984.12316	205984.11372	0.00944	0.05000	0.00000	
434:	32	3	30	31	3	29	206033.58792	206033.51102	0.07690	0.05000	0.00000	0.01216 0.5000
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436:	30	5	26	29	4	25	206049.97426	206050.00026	-0.02600	0.05000	0.00000	
437:	29	18	11	28	18	10	206142.90812	206142.91190	-0.00378	0.05000	0.00000	
438:	46	16	30	46	15	31	206228.30097	206228.25472	0.04625	0.05000	0.00000	
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440:	29	17	12	28	17	11	206329.31148	206329.30827	0.00321	0.05000	0.00000	
441:	33	1	32	32	1	31	206339.54626	206339.58028	-0.03402	0.05000	0.00000	
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443:	34	0	34	33	0	33	206674.79832	206674.81199	-0.01367	0.05000	0.00000	
444:	41	4	38	41	3	39	206761.49503	206761.50287	-0.00784	0.05000	0.00000	
445:	66	18	49	66	17	50	206811.56983	206811.50711	0.06272	0.05000	0.00000	

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447:	53	9	44	53	8	45	207000.26468	207000.30245	-0.03777	0.05000	0.00000	
448:	29	14	16	28	14	15	207146.21030	207146.18978	0.02052	0.05000	0.00000	
449:	28	6	23	27	5	22	207152.74883	207152.73997	0.00886	0.05000	0.00000	
450:	53	10	44	53	9	45	207187.73702	207187.72970	0.00732	0.05000	0.00000	
451:	28	8	20	27	8	19	207234.39777	207234.39117	0.00660	0.05000	0.00000	
452:	29	5	24	28	5	23	207249.44494	207249.44059	0.00435	0.05000	0.00000	
453:	73	16	57	73	15	58	207277.94369	207277.92063	0.02306	0.05000	0.00000	
454:	45	16	29	45	15	30	207508.97846	207508.92230	0.05616	0.05000	0.00000	
455:	45	16	30	45	15	31	207545.25451	207545.25576	-0.00125	0.05000	0.00000	
456:	29	13	16	28	13	15	207556.77814	207556.78557	-0.00743	0.05000	0.00000	207556.77054
457:	29	13	17	28	13	16	207556.77814	207556.75551	0.02263	0.05000	0.00000	207556.77054
458:	56	17	40	56	16	41	207746.06054	207746.03496	0.02558	0.05000	0.00000	
459:	58	11	47	58	10	48	207796.65170	207796.64303	0.00867	0.05000	0.00000	
460:	43	5	39	43	4	40	208063.47792	208063.53052	-0.05260	0.05000	0.00000	208063.48593
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462:	65	18	48	65	17	49	208358.97738	208358.96148	0.01590	0.05000	0.00000	
463:	51	9	43	51	8	44	208628.84577	208628.85473	-0.00896	0.05000	0.00000	
464:	38	1	37	38	0	38	208649.02289	208649.02702	-0.00413	0.05000	0.00000	
465:	44	16	28	44	15	29	208676.31335	208676.34407	-0.03072	0.05000	0.00000	
466:	29	11	19	28	11	18	208780.05306	208780.03715	0.01591	0.05000	0.00000	
467:	29	11	18	28	11	17	208789.31683	208789.31600	0.00083	0.05000	0.00000	
468:	45	5	40	45	4	41	208936.64879	208936.65645	-0.00766	0.05000	0.00000	
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474:	47	7	41	47	6	42	209341.56662	209341.51960	0.04702	0.05000	0.00000	
475:	29	7	23	28	7	22	209638.53395	209638.52507	0.00888	0.05000	0.00000	
476:	29	10	20	28	10	19	209709.31144	209709.31986	-0.00842	0.05000	0.00000	
477:	43	16	27	43	15	28	209743.34192	209743.34554	-0.00362	0.05000	0.00000	
478:	43	16	28	43	15	29	209753.26769	209753.23984	0.02785	0.05000	0.00000	
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483:	49	13	36	48	14	35	210339.45597	210339.61459	-0.15862	0.05000	0.00000	
484:	70	15	55	70	14	56	210515.15006	210515.08876	0.06130	0.05000	0.00000	
485:	29	6	24	28	5	23	210693.00494	210693.05248	-0.04754	0.05000	0.00000	
486:	42	16	26	42	15	27	210720.22562	210720.18905	0.03657	0.05000	0.00000	
487:	42	16	27	42	15	28	210725.16527	210725.18845	-0.02318	0.05000	0.00000	
488:	40	2	38	40	1	39	210729.10794	210729.09108	0.01686	0.05000	0.00000	
489:	29	9	21	28	9	20	210792.29606	210792.28245	0.01361	0.05000	0.00000	
490:	54	17	37	54	16	38	210974.02084	210973.99099	0.02985	0.05000	0.00000	
491:	17	7	11	16	6	10	211067.39351	211067.34553	0.04798	0.05000	0.00000	
492:	29	8	22	28	8	21	211270.95754	211270.91164	0.04590	0.05000	0.00000	
493:	30	6	25	29	6	24	211501.62625	211501.67202	-0.04577	0.05000	0.00000	
494:	56	11	46	56	10	47	211536.84609	211536.85107	-0.00498	0.05000	0.00000	

495:	31	4	27	30	5	26	211552.41362	211552.40809	0.00553	0.05000	0.00000	
496:	41	16	25	41	15	26	211615.28432	211615.32795	-0.04363	0.05000	0.00000	
497:	41	16	26	41	15	27	211617.83830	211617.79810	0.04020	0.05000	0.00000	
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500:	31	4	27	30	4	26	211757.02535	211757.03245	-0.00710	0.05000	0.00000	
501:	32	3	29	31	4	28	211776.32171	211776.31061	0.01110	0.05000	0.00000	
502:	32	4	29	31	4	28	211780.10315	211780.09850	0.00465	0.05000	0.00000	
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507:	28	7	21	27	7	20	211975.97085	211975.95086	0.01999	0.05000	0.00000	
508:	33	3	31	32	3	30	212021.25213	212021.22902	0.02311	0.05000	0.00000	212021.26285
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510:	30	29	1	29	29	0	212239.34865	212239.34869	-0.00004	0.05000	0.00000	
511:	63	18	46	63	17	47	212289.44245	212289.37472	0.06773	0.05000	0.00000	
512:	30	28	2	29	28	1	212297.44327	212297.46332	-0.02005	0.05000	0.00000	
513:	34	1	33	33	1	32	212330.29381	212330.28461	0.00920	0.05000	0.00000	
514:	30	27	3	29	27	2	212360.20926	212360.22819	-0.01893	0.05000	0.00000	
515:	15	8	8	14	7	7	212373.89641	212373.89624	0.00017	0.05000	0.00000	
516:	15	8	7	14	7	8	212380.34709	212380.32924	0.01785	0.05000	0.00000	
517:	30	26	4	29	26	3	212428.47946	212428.45263	0.02683	0.05000	0.00000	
518:	40	16	24	40	15	25	212435.90508	212435.90989	-0.00481	0.05000	0.00000	
519:	42	4	39	42	3	40	212451.34708	212451.35944	-0.01236	0.05000	0.00000	
520:	30	25	5	29	25	4	212503.08922	212503.11341	-0.02419	0.05000	0.00000	
521:	30	24	6	29	24	5	212585.41670	212585.39852	0.01818	0.05000	0.00000	
522:	13	9	5	12	8	4	212614.20331	212614.18262	0.02069	0.05000	0.00000	
523:	35	0	35	34	0	34	212666.19193	212666.19174	0.00019	0.05000	0.00000	
524:	30	23	7	29	23	6	212676.79750	212676.76522	0.03228	0.05000	0.00000	
525:	30	5	25	29	5	24	212763.26257	212763.29015	-0.02758	0.05000	0.00000	
526:	30	22	8	29	22	7	212779.01511	212779.01781	-0.00270	0.05000	0.00000	
527:	30	21	9	29	21	8	212894.38850	212894.41358	-0.02508	0.05000	0.00000	
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529:	53	17	36	53	16	37	213069.33794	213069.31623	0.02171	0.05000	0.00000	
530:	30	19	11	29	19	10	213176.85000	213176.86859	-0.01859	0.05000	0.00000	
531:	39	16	23	39	15	24	213188.08300	213188.11305	-0.03005	0.05000	0.00000	
532:	30	18	12	29	18	11	213352.37000	213352.35900	0.01100	0.05000	0.00000	
533:	54	10	45	54	9	46	213405.63441	213405.59038	0.04403	0.05000	0.00000	
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537:	30	16	14	29	16	13	213804.09294	213804.10791	-0.01497	0.05000	0.00000	
538:	38	16	23	38	15	24	213877.46803	213877.63117	-0.16314	0.05000	0.00000	213877.50207
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542:	30	14	16	29	14	15	214465.29542	214465.31054	-0.01512	0.05000	0.00000	
543:	62	18	45	62	17	46	214470.36623	214470.38178	-0.01555	0.05000	0.00000	

544:	37	16	21	37	15	22	214508.59239	214508.53850	0.05389	0.05000	0.00000	214508.59627	-0.00388	0.5000
545:	37	16	22	37	15	23	214508.59239	214508.65405	-0.06166	0.05000	0.00000	214508.59627	-0.00388	0.5000
546:	52	8	44	52	7	45	214569.22721	214569.19557	0.03164	0.05000	0.00000			
547:	52	9	44	52	8	45	214599.50838	214599.51950	-0.01112	0.05000	0.00000			
548:	46	6	41	46	5	42	214718.36172	214718.47800	-0.11628	0.05000	0.00000	214718.33037	0.03135	0.5000
549:	46	5	41	46	4	42	214718.36172	214718.18273	0.17899	0.05000	0.00000	214718.33037	0.03135	0.5000
550:	59	11	48	59	10	49	214723.86929	214723.85952	0.00977	0.05000	0.00000			
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553:	30	6	25	29	5	24	214945.29823	214945.28390	0.01433	0.05000	0.00000			
554:	73	19	55	73	18	56	214980.93448	214980.91640	0.01808	0.05000	0.00000			
555:	36	16	21	36	15	22	215086.02911	215086.03190	-0.00279	0.05000	0.00000			
556:	69	16	54	69	15	55	215128.34815	215128.37548	-0.02733	0.05000	0.00000			
557:	50	7	43	50	6	44	215167.34933	215167.36583	-0.01650	0.05000	0.00000			
558:	48	6	42	48	5	43	215193.68768	215193.69982	-0.01214	0.05000	0.00000			
559:	48	7	42	48	6	43	215195.32081	215195.26872	0.05209	0.05000	0.00000			
560:	30	12	19	29	12	18	215512.37705	215512.33723	0.03982	0.05000	0.00000			
561:	30	12	18	29	12	17	215513.66389	215513.65144	0.01245	0.05000	0.00000			
562:	67	19	48	67	18	49	215560.78762	215560.70987	0.07775	0.05000	0.00000			
563:	35	16	20	35	15	21	215613.65272	215613.69856	-0.04584	0.05000	0.00000			
564:	74	19	56	74	18	57	215638.29350	215638.24877	0.04473	0.05000	0.00000			
565:	71	19	53	71	18	54	215795.87692	215795.85733	0.01959	0.05000	0.00000			
566:	29	8	21	28	8	20	216034.21959	216034.21459	0.00500	0.05000	0.00000			
567:	34	16	19	34	15	20	216095.26728	216095.27239	-0.00511	0.05000	0.00000			
568:	33	7	26	32	8	25	216154.57413	216154.55501	0.01912	0.05000	0.00000			
569:	29	6	23	28	6	22	216172.34946	216172.35896	-0.00950	0.05000	0.00000			
570:	31	5	26	30	6	25	216204.27772	216204.28088	-0.00316	0.05000	0.00000			
571:	30	7	24	29	7	23	216250.86170	216250.86776	-0.00606	0.05000	0.00000			
572:	30	11	20	29	11	19	216292.84699	216292.83947	0.00752	0.05000	0.00000			
573:	30	11	19	29	11	18	216311.63296	216311.57914	0.05382	0.05000	0.00000			
574:	41	2	39	41	1	40	216392.48847	216392.50668	-0.01821	0.05000	0.00000			
575:	33	16	18	33	15	19	216534.12804	216534.09185	0.03619	0.05000	0.00000			
576:	51	17	34	51	16	35	216619.36324	216619.37321	-0.00997	0.05000	0.00000			
577:	51	17	35	51	16	36	216754.39550	216754.40793	-0.01243	0.05000	0.00000			
578:	60	18	42	60	17	43	216929.38975	216929.45853	-0.06878	0.05000	0.00000			
579:	70	19	52	70	18	53	217068.78517	217068.68668	0.09849	0.05000	0.00000			
580:	75	19	57	75	18	58	217100.34850	217100.19469	0.15381	0.05000	0.00000			
581:	31	16	15	31	15	16	217295.61519	217295.60715	0.00804	0.05000	0.00000			
582:	18	7	12	17	6	11	217307.62398	217307.56582	0.05816	0.05000	0.00000			
583:	30	10	21	29	10	20	217318.97677	217318.94318	0.03359	0.05000	0.00000			
584:	30	10	20	29	10	19	217521.74652	217521.67688	0.06964	0.05000	0.00000			
585:	31	6	26	30	6	25	217560.68216	217560.66452	0.01764	0.05000	0.00000			
586:	32	4	28	31	5	27	217569.53615	217569.51598	0.02017	0.05000	0.00000			
587:	62	12	50	62	11	51	217611.18697	217611.18340	0.00357	0.05000	0.00000			
588:	30	16	14	30	15	15	217623.83282	217623.84551	-0.01269	0.05000	0.00000			
589:	32	5	28	31	5	27	217637.33875	217637.30775	0.03100	0.05000	0.00000			
590:	32	4	28	31	4	27	217687.92339	217687.88536	0.03803	0.05000	0.00000			
591:	32	5	28	31	4	27	217755.72369	217755.67713	0.04656	0.05000	0.00000			
592:	33	3	30	32	4	29	217757.32605	217757.36958	-0.04353	0.05000	0.00000			

593:	33	4	30	32	4	29	217759.42647	217759.41645	0.01002	0.05000	0.00000		
594:	33	3	30	32	3	29	217761.15461	217761.15748	-0.00287	0.05000	0.00000		
595:	33	4	30	32	3	29	217763.19463	217763.20435	-0.00972	0.05000	0.00000		
596:	57	11	47	57	10	48	217878.73312	217878.74758	-0.01446	0.05000	0.00000		
597:	29	16	13	29	15	14	217920.45194	217920.45682	-0.00488	0.05000	0.00000		
598:	34	2	32	33	2	31	218009.01047	218009.00660	0.00387	0.05000	0.00000		
599:	43	4	40	43	3	41	218137.80925	218137.81370	-0.00445	0.05000	0.00000		
600:	50	17	33	50	16	34	218145.09707	218145.08616	0.01091	0.05000	0.00000		
601:	28	16	12	28	15	13	218187.79304	218187.77758	0.01546	0.05000	0.00000		
602:	35	1	34	34	1	33	218320.67118	218320.70372	-0.03254	0.05000	0.00000		
603:	31	5	26	30	5	25	218386.28633	218386.27463	0.01170	0.05000	0.00000		
604:	30	9	22	29	9	21	218403.54287	218403.49469	0.04818	0.05000	0.00000		
605:	27	16	11	27	15	12	218427.98707	218427.99992	-0.01285	0.05000	0.00000		
606:	30	8	23	29	8	22	218538.19179	218538.17505	0.01674	0.05000	0.00000		
607:	36	0	36	35	0	35	218657.22609	218657.22649	-0.00040	0.05000	0.00000		
608:	24	16	8	24	15	9	219006.07277	219006.08948	-0.01671	0.05000	0.00000		
609:	23	16	7	23	15	8	219157.31614	219157.36502	-0.04888	0.05000	0.00000		
610:	22	16	6	22	15	7	219290.75580	219290.72786	0.02794	0.05000	0.00000		
611:	31	30	1	30	30	0	219292.66653	219292.67325	-0.00672	0.05000	0.00000		
612:	16	8	9	15	7	8	219317.47893	219317.44138	0.03755	0.05000	0.00000		
613:	16	8	8	15	7	9	219334.96767	219334.95112	0.01655	0.05000	0.00000		
614:	31	29	2	30	29	1	219351.53416	219351.46731	0.06685	0.05000	0.00000		
615:	21	16	5	21	15	6	219407.70614	219407.71775	-0.01161	0.05000	0.00000		
616:	31	28	3	30	28	2	219414.66789	219414.68196	-0.01407	0.05000	0.00000		
617:	31	27	4	30	27	3	219483.06071	219483.06346	-0.00275	0.05000	0.00000		
618:	31	26	6	30	26	5	219557.69839	219557.50628	0.19211	0.05000	0.00000	219557.50628	0.19211 0.5000
619:	31	26	5	30	26	4	219557.69839	219557.50628	0.19211	0.05000	0.00000	219557.50628	0.19211 0.5000
620:	31	25	6	30	25	5	219639.08412	219639.09027	-0.00615	0.05000	0.00000	219639.09027	-0.00615 0.5000
621:	31	25	7	30	25	6	219639.08412	219639.09027	-0.00615	0.05000	0.00000	219639.09027	-0.00615 0.5000
622:	31	24	7	30	24	6	219729.12754	219729.12943	-0.00189	0.05000	0.00000	219729.12943	-0.00189 0.5000
623:	31	24	8	30	24	7	219729.12754	219729.12943	-0.00189	0.05000	0.00000	219729.12943	-0.00189 0.5000
624:	12	10	2	11	9	3	219748.29675	219748.28913	0.00762	0.05000	0.00000	219748.28912	0.00763 0.5000
625:	12	10	3	11	9	2	219748.29675	219748.28911	0.00764	0.05000	0.00000	219748.28912	0.00763 0.5000
626:	42	2	40	42	1	41	222054.30577	222054.25569	0.05008	0.05000	0.00000		
627:	65	14	52	65	13	53	22241.27909	22241.25612	0.02297	0.05000	0.00000		
628:	58	18	40	58	17	41	222311.03287	222311.06265	-0.02978	0.05000	0.00000		
629:	31	13	18	30	13	17	222312.60752	222312.73278	-0.12526	0.05000	0.00000	222312.64822	-0.04070 0.5000
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631:	32	6	26	31	7	25	222342.45898	222342.41641	0.04257	0.05000	0.00000		
632:	31	7	25	30	7	24	222714.72619	222714.74075	-0.01456	0.05000	0.00000		
633:	32	5	27	31	6	26	222746.13241	222746.11115	0.02126	0.05000	0.00000		
634:	44	11	33	43	12	32	222949.72870	222949.74260	-0.01390	0.05000	0.00000		
635:	31	12	20	30	12	19	222970.40511	222970.41710	-0.01199	0.05000	0.00000		
636:	31	12	19	30	12	18	222973.22075	222973.22653	-0.00578	0.05000	0.00000		
637:	46	17	29	46	16	30	223059.33017	223059.37127	-0.04110	0.05000	0.00000		
638:	46	17	30	46	16	31	223065.37795	223065.40258	-0.02463	0.05000	0.00000		
639:	19	7	13	18	6	12	223110.93332	223110.90612	0.02720	0.05000	0.00000		
640:	32	6	27	31	6	26	223575.60613	223575.60637	-0.00024	0.05000	0.00000		
641:	33	5	29	32	5	28	223602.52281	223602.51637	0.00644	0.05000	0.00000		

642:	33	4	29	32	4	28	223631.87375	223631.83339	0.04036	0.05000	0.00000	
643:	33	5	29	32	4	28	223670.33944	223670.30814	0.03130	0.05000	0.00000	
644:	34	3	31	33	4	30	223738.43769	223738.42058	0.01701	0.05000	0.00000	
645:	34	4	31	33	4	30	223739.52881	223739.52030	0.00851	0.05000	0.00000	
646:	34	3	31	33	3	30	223740.50041	223740.46745	0.03296	0.05000	0.00000	
647:	34	4	31	33	3	30	223741.60591	223741.56717	0.03874	0.05000	0.00000	
648:	44	3	41	44	2	42	223821.10227	223821.09826	0.00401	0.05000	0.00000	
649:	31	11	21	30	11	20	223842.05221	223841.99308	0.05913	0.05000	0.00000	
650:	31	11	20	30	11	19	223878.67352	223878.65452	0.01900	0.05000	0.00000	
651:	35	2	33	34	2	32	223996.67543	223996.69854	-0.02311	0.05000	0.00000	
652:	45	17	28	45	16	29	224051.66149	224051.67909	-0.01760	0.05000	0.00000	
653:	45	17	29	45	16	30	224054.71155	224054.73292	-0.02137	0.05000	0.00000	
654:	32	5	27	31	5	26	224102.49817	224102.49479	0.00338	0.05000	0.00000	
655:	58	11	48	58	10	49	224181.74349	224181.81185	-0.06836	0.05000	0.00000	
656:	36	1	35	35	1	34	224310.86792	224310.81941	0.03851	0.05000	0.00000	
657:	37	0	37	36	0	36	224647.92314	224647.90580	0.01734	0.05000	0.00000	
658:	47	12	35	46	13	34	224804.51837	224804.47475	0.04362	0.05000	0.00000	
659:	32	6	27	31	5	26	224931.98685	224931.99002	-0.00317	0.05000	0.00000	
660:	30	8	22	29	8	21	224935.39295	224935.39854	-0.00559	0.05000	0.00000	
661:	31	10	22	30	10	21	224958.95299	224958.92735	0.02564	0.05000	0.00000	
662:	57	18	40	57	17	41	224965.74466	224965.79855	-0.05389	0.05000	0.00000	
663:	44	17	27	44	16	28	224966.40815	224966.39354	0.01461	0.05000	0.00000	
664:	44	17	28	44	16	29	224967.84371	224967.90789	-0.06418	0.05000	0.00000	
665:	78	20	59	78	19	60	225194.06480	225193.98331	0.08149	0.05000	0.00000	
666:	46	4	42	46	3	43	225229.38828	225229.37430	0.01398	0.05000	0.00000	
667:	66	19	48	66	18	49	225282.16796	225282.11980	0.04816	0.05000	0.00000	
668:	31	10	21	30	10	20	225318.68832	225318.72623	-0.03791	0.05000	0.00000	
669:	41	1	40	41	0	41	225599.65737	225599.69606	-0.03869	0.05000	0.00000	
670:	63	13	51	63	12	52	225619.28923	225619.27444	0.01479	0.05000	0.00000	
671:	31	8	24	30	8	23	225667.89583	225667.87925	0.01658	0.05000	0.00000	
672:	56	9	47	56	8	48	225692.49616	225692.51391	-0.01775	0.05000	0.00000	
673:	43	17	26	43	16	27	225809.76325	225809.79287	-0.02962	0.05000	0.00000	
674:	43	17	27	43	16	28	225810.53224	225810.52782	0.00442	0.05000	0.00000	
675:	75	20	56	75	19	57	225841.27109	225841.07067	0.20042	0.05000	0.00000	
676:	31	9	23	30	9	22	225982.76529	225982.73233	0.03296	0.05000	0.00000	
677:	71	20	51	71	19	52	226127.08580	226127.10783	-0.02203	0.05000	0.00000	
678:	17	8	10	16	7	9	226207.52065	226207.49323	0.02742	0.05000	0.00000	
679:	17	8	9	16	7	10	226251.58610	226251.61524	-0.02914	0.05000	0.00000	
680:	48	5	43	48	4	44	226253.00241	226252.91670	0.08571	0.05000	0.00000	0.04224 0.5000
681:	48	6	43	48	5	44	226253.00241	226253.00364	-0.00123	0.05000	0.00000	0.04224 0.5000
682:	32	31	1	31	31	0	226344.00329	226344.01901	-0.01572	0.05000	0.00000	
683:	32	30	2	31	30	1	226403.54367	226403.54164	0.00203	0.05000	0.00000	
684:	32	29	3	31	29	2	226467.25252	226467.27194	-0.01942	0.05000	0.00000	
685:	79	20	60	79	19	61	226497.49369	226497.23867	0.25502	0.05000	0.00000	
686:	56	18	38	56	17	39	226518.79182	226518.80374	-0.01192	0.05000	0.00000	
687:	32	28	4	31	28	3	226535.91706	226535.90014	0.01692	0.05000	0.00000	
688:	42	17	26	42	16	27	226587.48872	226587.73719	-0.24847	0.05000	0.00000	-0.07407 0.5000
689:	42	17	25	42	16	26	226587.48872	226587.38838	0.10034	0.05000	0.00000	-0.07407 0.5000
690:	32	27	5	31	27	4	226610.24578	226610.24831	-0.00253	0.05000	0.00000	

691:	54	8	46	54	7	47	226643.80754	226643.82446	-0.01692	0.05000	0.00000			
692:	32	26	6	31	26	5	226691.29453	226691.30215	-0.00762	0.05000	0.00000			
693:	15	9	7	14	8	6	226693.08349	226692.97049	0.11300	0.05000	0.00000	226693.06413	0.01936	0.5000
694:	15	9	6	14	8	7	226693.08349	226693.15777	-0.07428	0.05000	0.00000	226693.06413	0.01936	0.5000
695:	32	25	7	31	25	6	226780.25494	226780.25211	0.00283	0.05000	0.00000			
696:	11	11	1	10	10	0	226855.56597	226855.53829	0.02768	0.05000	0.00000			
697:	32	24	8	31	24	7	226878.57479	226878.54743	0.02736	0.05000	0.00000			
698:	32	23	9	31	23	8	226987.95698	226987.96776	-0.01078	0.05000	0.00000			
699:	36	8	28	35	9	27	227000.71461	227000.63803	0.07658	0.05000	0.00000			
700:	52	8	45	52	7	46	227009.94075	227009.94729	-0.00654	0.05000	0.00000			
701:	31	6	25	30	6	24	227016.71137	227016.69957	0.01180	0.05000	0.00000			
702:	32	22	10	31	22	9	227110.71481	227110.71968	-0.00487	0.05000	0.00000			
703:	66	13	53	66	12	54	227227.97663	227228.04166	-0.06503	0.05000	0.00000			
704:	32	21	11	31	21	10	227249.54804	227249.56850	-0.02046	0.05000	0.00000			
705:	41	17	25	41	16	26	227304.18441	227304.24790	-0.06349	0.05000	0.00000			
706:	41	17	24	41	16	25	227304.18441	227304.08616	0.09825	0.05000	0.00000			
707:	32	20	12	31	20	11	227408.01912	227408.02180	-0.00268	0.05000	0.00000			
708:	30	7	23	29	7	22	227546.94423	227546.93750	0.00673	0.05000	0.00000			
709:	32	19	13	31	19	12	227590.58107	227590.58994	-0.00887	0.05000	0.00000			
710:	43	2	41	43	1	42	227714.44187	227714.42196	0.01991	0.05000	0.00000			
711:	32	18	14	31	18	13	227803.18359	227803.16499	0.01860	0.05000	0.00000			
712:	71	16	56	71	15	57	227887.04808	227887.00581	0.04227	0.05000	0.00000			
713:	64	19	45	64	18	46	227934.47186	227934.41761	0.05425	0.05000	0.00000			
714:	32	17	15	31	17	14	228053.62339	228053.58755	0.03584	0.05000	0.00000			
715:	61	11	50	61	10	51	228082.81950	228082.85592	-0.03642	0.05000	0.00000			
716:	20	7	14	19	6	13	228284.89287	228284.87620	0.01667	0.05000	0.00000			
717:	32	16	16	31	16	15	228352.53936	228352.52422	0.01514	0.05000	0.00000			
718:	31	9	22	30	9	21	228374.97438	228374.96194	0.01244	0.05000	0.00000			
719:	61	12	50	61	11	51	228378.69293	228378.70000	-0.00707	0.05000	0.00000			
720:	39	17	23	39	16	24	228572.06335	228572.07408	-0.01073	0.05000	0.00000			
721:	32	15	17	31	15	16	228714.87214	228714.88556	-0.01342	0.05000	0.00000			
722:	66	14	53	66	13	54	228914.79955	228914.83357	-0.03402	0.05000	0.00000			
723:	32	7	26	31	7	25	229045.83476	229045.84283	-0.00807	0.05000	0.00000			
724:	33	5	28	32	6	27	229061.08000	229061.09795	-0.01795	0.05000	0.00000			
725:	34	7	27	33	8	26	229070.39580	229070.39760	-0.00180	0.05000	0.00000			
726:	73	20	54	73	19	55	229112.93931	229112.84850	0.09081	0.05000	0.00000			
727:	38	17	22	38	16	23	229130.99367	229130.98352	0.01015	0.05000	0.00000			
728:	32	14	18	31	14	17	229162.23695	229162.25235	-0.01540	0.05000	0.00000			
729:	72	15	57	72	14	58	229403.13930	229403.08809	0.05121	0.05000	0.00000			
730:	45	3	42	45	2	43	229501.38229	229501.42415	-0.04186	0.05000	0.00000			
731:	34	4	30	33	5	29	229546.33325	229546.32060	0.01265	0.05000	0.00000			
732:	33	6	28	32	6	27	229561.21843	229561.22659	-0.00816	0.05000	0.00000			
733:	34	5	30	33	5	29	229567.97773	229567.97670	0.00103	0.05000	0.00000			
734:	34	4	30	33	4	29	229584.78172	229584.79535	-0.01363	0.05000	0.00000			
735:	34	5	30	33	4	29	229606.46186	229606.45145	0.01041	0.05000	0.00000			
736:	37	17	21	37	16	22	229644.47434	229644.45648	0.01786	0.05000	0.00000			
737:	32	13	20	31	13	19	229727.26942	229727.07623	0.19319	0.05000	0.00000	229727.26668	0.00274	0.5000
738:	32	13	19	31	13	18	229727.26942	229727.45714	-0.18772	0.05000	0.00000	229727.26668	0.00274	0.5000
739:	53	14	39	52	15	38	229744.49318	229744.57541	-0.08223	0.05000	0.00000			

740:	33	5	28	32	5	27	229890.60625	229890.59317	0.01308	0.05000	0.00000	
741:	54	18	36	54	17	37	229952.91571	229952.89476	0.02095	0.05000	0.00000	
742:	36	2	34	35	2	33	229984.30836	229984.31345	-0.00509	0.05000	0.00000	
743:	36	17	20	36	16	21	230115.61745	230115.59459	0.02286	0.05000	0.00000	
744:	37	1	36	36	1	35	230300.57396	230300.61478	-0.04082	0.05000	0.00000	
745:	33	6	28	32	5	27	230390.70597	230390.72181	-0.01584	0.05000	0.00000	
746:	59	11	49	59	10	50	230444.63070	230444.64765	-0.01695	0.05000	0.00000	
747:	32	12	21	31	12	20	230459.84514	230459.84229	0.00285	0.05000	0.00000	
748:	32	12	20	31	12	19	230465.66684	230465.66111	0.00573	0.05000	0.00000	
749:	35	17	18	35	16	19	230547.25655	230547.27468	-0.01813	0.05000	0.00000	
750:	38	0	38	37	0	37	230638.23176	230638.21929	0.01247	0.05000	0.00000	
751:	33	6	27	32	7	26	230853.50808	230853.48368	0.02440	0.05000	0.00000	
752:	63	19	44	63	18	45	230935.02965	230934.97109	0.05856	0.05000	0.00000	
753:	47	4	43	47	3	44	230940.64915	230940.63737	0.01178	0.05000	0.00000	
754:	34	17	17	34	16	18	230942.18006	230942.17735	0.00271	0.05000	0.00000	
755:	42	1	41	42	0	42	231248.38911	231248.34622	0.04289	0.05000	0.00000	
756:	72	20	53	72	19	54	231256.37803	231256.28745	0.09058	0.05000	0.00000	
757:	33	17	16	33	16	17	231302.79868	231302.80035	-0.00167	0.05000	0.00000	
758:	32	11	22	31	11	21	231428.37132	231428.37065	0.00067	0.05000	0.00000	
759:	53	18	35	53	17	36	231452.07481	231452.04585	0.02896	0.05000	0.00000	
760:	32	11	21	31	11	20	231497.95026	231497.93395	0.01631	0.05000	0.00000	
761:	64	12	52	64	11	53	231599.14658	231599.12720	0.01938	0.05000	0.00000	
762:	32	17	15	32	16	16	231631.50095	231631.48302	0.01793	0.05000	0.00000	
763:	37	11	26	36	11	25	270924.23474	270924.25695	-0.02221	0.05000	0.00000	
764:	44	20	24	44	19	25	271201.54154	271201.57328	-0.03174	0.05000	0.00000	
765:	40	6	35	39	6	34	271249.78862	271249.77300	0.01562	0.05000	0.00000	
766:	40	5	35	39	5	34	271258.19492	271258.14629	0.04863	0.05000	0.00000	
767:	40	6	35	39	5	34	271269.00267	271268.99148	0.01119	0.05000	0.00000	
768:	38	18	20	37	18	19	271442.33083	271442.28532	0.04551	0.05000	0.00000	
769:	39	6	33	38	6	32	271498.11856	271498.09365	0.02491	0.05000	0.00000	
770:	42	3	39	41	3	38	271595.90595	271595.87128	0.03467	0.05000	0.00000	
771:	38	17	21	37	17	20	271867.91626	271867.95611	-0.03985	0.05000	0.00000	
772:	43	2	41	42	2	40	271892.00799	271891.99258	0.01541	0.05000	0.00000	
773:	38	16	23	37	16	22	272381.43802	272381.42867	0.00935	0.05000	0.00000	0.00511 0.5000
774:	38	16	22	37	16	21	272381.43802	272381.43715	0.00087	0.05000	0.00000	0.00511 0.5000
775:	36	9	27	35	9	26	272700.47602	272700.51818	-0.04216	0.05000	0.00000	
776:	38	15	23	37	15	22	273012.54605	273012.60268	-0.05663	0.05000	0.00000	0.01894 0.5000
777:	38	15	24	37	15	23	273012.54605	273012.45154	0.09451	0.05000	0.00000	0.01894 0.5000
778:	58	7	52	58	6	53	273092.56034	273092.55123	0.00911	0.05000	0.00000	
779:	38	7	31	37	7	30	273225.12738	273225.11402	0.01336	0.05000	0.00000	
780:	66	10	56	66	9	57	273288.55947	273288.66499	-0.10552	0.05000	0.00000	
781:	66	11	56	66	10	57	273290.95471	273290.86216	0.09255	0.05000	0.00000	
782:	39	20	19	39	19	20	273292.21002	273292.20179	0.00823	0.05000	0.00000	
783:	45	1	44	44	1	43	278205.68634	278205.69499	-0.00865	0.05000	0.00000	
784:	56	21	35	56	20	36	278232.94742	278232.82673	0.12069	0.05000	0.00000	0.01865 0.5000
785:	56	21	36	56	20	37	278232.94742	278232.03081	-0.08339	0.05000	0.00000	0.01865 0.5000
786:	39	18	21	38	18	20	278762.28898	278762.31211	-0.02313	0.05000	0.00000	
787:	39	17	22	38	17	21	279224.63154	279224.61457	0.01697	0.05000	0.00000	
788:	37	9	28	36	9	27	281003.48314	281003.50693	-0.02379	0.05000	0.00000	

789:	74	13	61	74	12	62	281124.37465	281124.34941	0.02524	0.05000	0.00000	
790:	39	14	26	38	14	25	281342.18017	281342.18524	-0.00507	0.05000	0.00000	
791:	39	14	25	38	14	24	281346.61769	281346.64358	-0.02599	0.05000	0.00000	
792:	23	9	15	22	8	14	281483.09839	281483.07424	0.02415	0.05000	0.00000	
793:	51	21	31	51	20	32	282285.02712	282285.10120	-0.07408	0.05000	0.00000	
794:	39	13	27	38	13	26	282463.67787	282463.71034	-0.03247	0.05000	0.00000	
795:	39	9	31	38	9	30	282503.66892	282503.70966	-0.04074	0.05000	0.00000	
796:	39	13	26	38	13	25	282513.53300	282513.51979	0.01321	0.05000	0.00000	
797:	42	9	33	41	10	32	282641.50032	282641.47299	0.02733	0.05000	0.00000	
798:	40	37	3	39	37	2	282812.25526	282812.17421	0.08105	0.05000	0.00000	
799:	21	10	12	20	9	11	282868.36989	282868.39518	-0.02529	0.05000	0.00000	
800:	40	36	4	39	36	3	282885.36837	282885.40441	-0.03604	0.05000	0.00000	
801:	50	21	30	50	20	31	282949.30574	282949.31423	-0.00849	0.05000	0.00000	
802:	40	35	5	39	35	4	282962.39256	282962.42824	-0.03568	0.05000	0.00000	
803:	40	34	6	39	34	5	283043.79130	283043.77927	0.01203	0.05000	0.00000	
804:	38	8	30	37	8	29	283074.58630	283074.59865	-0.01235	0.05000	0.00000	
805:	41	6	35	40	7	34	283119.23911	283119.18566	0.05345	0.05000	0.00000	
806:	40	33	7	39	33	6	283130.04533	283130.07414	-0.02881	0.05000	0.00000	
807:	42	5	37	41	6	36	283163.65071	283163.61276	0.03795	0.05000	0.00000	
808:	42	6	37	41	6	36	283166.94796	283166.99984	-0.05188	0.05000	0.00000	
809:	42	5	37	41	5	36	283169.64740	283169.69234	-0.04494	0.05000	0.00000	
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811:	41	7	35	40	7	34	283204.61229	283204.60264	0.00965	0.05000	0.00000	
812:	40	32	8	39	32	7	283221.98209	283222.02883	-0.04674	0.05000	0.00000	
813:	41	6	35	40	6	34	283264.88231	283264.83853	0.04378	0.05000	0.00000	
814:	19	11	9	18	10	8	283309.70840	283309.66155	0.04685	0.05000	0.00000	
815:	43	5	39	42	5	38	283312.68503	283312.63619	0.04884	0.05000	0.00000	283312.67649
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817:	40	31	9	39	31	8	283320.47425	283320.47874	-0.00449	0.05000	0.00000	283312.67649
818:	41	7	35	40	6	34	283350.25435	283350.25552	-0.00117	0.05000	0.00000	
819:	40	8	33	39	8	32	283374.38267	283374.38448	-0.00181	0.05000	0.00000	
820:	40	30	10	39	30	9	283426.40159	283426.40378	-0.00219	0.05000	0.00000	
821:	17	12	5	16	11	6	283465.97158	283465.95149	0.02009	0.05000	0.00000	
822:	40	29	11	39	29	10	283540.96684	283540.95995	0.00689	0.05000	0.00000	
823:	44	3	41	43	3	40	283560.95194	283560.92043	0.03151	0.05000	0.00000	
824:	49	21	28	49	20	29	283571.19372	283571.17997	0.01375	0.05000	0.00000	
825:	40	28	12	39	28	11	283665.54618	283665.51943	0.02675	0.05000	0.00000	
826:	40	27	13	39	27	12	283801.71700	283801.72201	-0.00501	0.05000	0.00000	
827:	45	2	43	44	2	42	283862.93529	283862.90807	0.02722	0.05000	0.00000	
828:	39	12	28	38	12	27	283867.72496	283867.71541	0.00955	0.05000	0.00000	
829:	40	26	14	39	26	13	283951.54500	283951.54170	0.00330	0.05000	0.00000	
830:	40	25	15	39	25	14	284117.37948	284117.37424	0.00524	0.05000	0.00000	
831:	48	21	27	48	20	28	284153.09404	284153.06703	0.02701	0.05000	0.00000	
832:	46	1	45	45	1	44	284191.95713	284191.97331	-0.01618	0.05000	0.00000	
833:	40	7	33	39	7	32	284223.00561	284223.05608	-0.05047	0.05000	0.00000	
834:	53	2	51	53	1	52	284241.62000	284241.63951	-0.01951	0.05000	0.00000	
835:	39	12	27	38	12	26	284300.72695	284300.70040	0.02655	0.05000	0.00000	
836:	40	24	16	39	24	15	284302.17167	284302.15346	0.01821	0.05000	0.00000	
837:	40	23	17	39	23	16	284509.44907	284509.50851	-0.05944	0.05000	0.00000	

838:	47	0	47	46	0	46	284532.86624	284532.89333	-0.02709	0.05000	0.00000
839:	60	7	54	60	6	55	284572.30469	284572.35438	-0.04969	0.05000	0.00000
840:	47	21	26	47	20	27	284697.17513	284697.18773	-0.01260	0.05000	0.00000
841:	40	22	18	39	22	17	284743.98238	284743.98010	0.00228	0.05000	0.00000
842:	40	21	19	39	21	18	285011.31159	285011.32406	-0.01247	0.05000	0.00000
843:	38	10	28	37	10	27	285059.27613	285059.26442	0.01171	0.05000	0.00000
844:	77	15	63	77	14	64	285116.40895	285116.31720	0.09175	0.05000	0.00000
845:	39	11	29	38	11	28	285205.23858	285205.17968	0.05890	0.05000	0.00000
846:	39	10	30	38	10	29	285215.89848	285215.91705	-0.01857	0.05000	0.00000
847:	68	11	58	68	10	59	285281.76866	285281.75027	0.01839	0.05000	0.00000
848:	62	7	55	62	6	56	285300.29901	285300.27719	0.02182	0.05000	0.00000
849:	40	20	20	39	20	19	285318.90217	285318.94799	-0.04582	0.05000	0.00000
850:	40	19	21	39	19	20	285676.58576	285676.55752	0.02824	0.05000	0.00000
851:	64	8	56	64	7	57	285680.38358	285680.52071	-0.13713	0.05000	0.00000
852:	66	10	57	66	9	58	285685.49716	285685.52923	-0.03207	0.05000	0.00000
853:	40	18	22	39	18	21	286097.15116	286097.14711	0.00405	0.05000	0.00000
854:	44	21	23	44	20	24	286123.13967	286123.11476	0.02491	0.05000	0.00000
855:	55	3	52	55	2	53	286173.71754	286173.68531	0.03223	0.05000	0.00000
856:	43	21	22	43	20	23	286535.77818	286535.75681	0.02137	0.05000	0.00000
857:	40	17	23	39	17	22	286598.58153	286598.58753	-0.00600	0.05000	0.00000
858:	40	16	24	39	16	23	287206.32518	287206.32788	-0.00269	0.05000	0.00000
859:	39	11	28	38	11	27	287870.26133	287870.30569	-0.04436	0.05000	0.00000
860:	38	21	17	38	20	18	288201.19202	288201.26729	-0.07527	0.05000	0.00000
861:	39	8	31	38	8	30	288233.24006	288233.25115	-0.01109	0.05000	0.00000
862:	41	7	34	40	8	33	288445.38821	288445.33413	0.05408	0.05000	0.00000
863:	37	21	16	37	20	17	288464.70045	288464.70123	-0.00078	0.05000	0.00000
864:	36	21	15	36	20	16	288707.86858	288707.89522	-0.02664	0.05000	0.00000
865:	38	9	29	37	9	28	288766.95375	288766.98702	-0.03327	0.05000	0.00000
866:	40	9	32	39	9	31	288876.58070	288876.56688	0.01382	0.05000	0.00000
867:	40	14	27	39	14	26	288910.11343	288910.15177	-0.03834	0.05000	0.00000
868:	40	14	26	39	14	25	288918.80558	288918.83429	-0.02871	0.05000	0.00000
869:	35	21	14	35	20	15	288931.98621	288932.01188	-0.02567	0.05000	0.00000
870:	42	6	36	41	7	35	289091.04318	289090.94898	0.09420	0.05000	0.00000
871:	43	5	38	42	6	37	289126.82231	289126.75039	0.07192	0.05000	0.00000
872:	43	6	38	42	6	37	289128.68464	289128.62655	0.05809	0.05000	0.00000
873:	43	5	38	42	5	37	289130.17426	289130.13748	0.03678	0.05000	0.00000
874:	42	7	36	41	7	35	289140.65923	289140.61957	0.03966	0.05000	0.00000
875:	42	6	36	41	6	35	289176.43416	289176.36596	0.06820	0.05000	0.00000
876:	59	5	54	59	4	55	289218.87558	289218.89190	-0.01632	0.05000	0.00000
877:	42	7	36	41	6	35	289226.03428	289226.03655	-0.00227	0.05000	0.00000
878:	44	4	40	43	4	39	289288.70233	289288.69546	0.00687	0.05000	0.00000
879:	33	21	12	33	20	13	289327.38222	289327.41078	-0.02856	0.05000	0.00000
880:	41	8	34	40	8	33	289339.13381	289339.09937	0.03444	0.05000	0.00000
881:	45	3	42	44	3	41	289543.22838	289543.23396	-0.00558	0.05000	0.00000
882:	31	21	10	31	20	11	289659.18743	289659.22741	-0.03998	0.05000	0.00000
883:	22	10	13	21	9	12	289747.63132	289747.65798	-0.02666	0.05000	0.00000
884:	41	39	2	40	39	1	289773.98633	289773.82982	0.15651	0.05000	0.00000
885:	46	2	44	45	2	43	289847.78920	289847.79944	-0.01024	0.05000	0.00000
886:	41	7	34	40	7	33	289885.90270	289885.87489	0.02781	0.05000	0.00000

887:	54	2	52	54	1	53	289887.67580	289887.76616	-0.09036	0.05000	0.00000	
888:	41	37	4	40	37	3	289918.80778	289918.81347	-0.00569	0.05000	0.00000	
889:	29	21	8	29	20	9	289935.06880	289935.10037	-0.03157	0.05000	0.00000	
890:	41	36	5	40	36	4	289996.55182	289996.51770	0.03412	0.05000	0.00000	
891:	41	35	6	40	35	5	290078.31415	290078.34206	-0.02791	0.05000	0.00000	
892:	40	13	28	39	13	27	290136.19262	290136.19863	-0.00601	0.05000	0.00000	
893:	27	21	6	27	20	7	290162.07636	290162.04251	0.03385	0.05000	0.00000	
894:	41	34	7	40	34	6	290164.86609	290164.86188	0.00421	0.05000	0.00000	
895:	47	1	46	46	1	45	290177.79026	290177.79875	-0.00849	0.05000	0.00000	
896:	40	13	27	39	13	26	290226.32900	290226.37887	-0.04987	0.05000	0.00000	
897:	41	33	8	40	33	7	290256.79349	290256.74223	0.05126	0.05000	0.00000	
898:	26	21	5	26	20	6	290259.21326	290259.19779	0.01547	0.05000	0.00000	
899:	61	6	55	61	5	56	290303.15706	290303.15326	0.00380	0.05000	0.00000	
900:	20	11	10	19	10	9	290312.60279	290312.56332	0.03947	0.05000	0.00000	
901:	25	21	4	25	20	5	290346.44775	290346.49218	-0.04443	0.05000	0.00000	
902:	41	32	9	40	32	8	290354.75257	290354.75550	-0.00293	0.05000	0.00000	
903:	24	21	3	24	20	4	290424.62121	290424.64728	-0.02607	0.05000	0.00000	
904:	23	21	2	23	20	3	290494.32988	290494.35326	-0.02338	0.05000	0.00000	
905:	48	0	48	47	0	47	290519.01514	290518.98871	0.02643	0.05000	0.00000	
906:	22	21	1	22	20	2	290556.28861	290556.26966	0.01895	0.05000	0.00000	
907:	41	30	11	40	30	10	290572.97770	290572.94316	0.03454	0.05000	0.00000	
908:	41	29	12	40	29	11	290695.39814	290695.42385	-0.02571	0.05000	0.00000	
909:	41	28	13	40	28	12	290828.77551	290828.72794	0.04756	0.05000	0.00000	0.04756 0.5000
910:	41	28	14	40	28	13	290828.77551	290828.72794	0.04756	0.05000	0.00000	0.04756 0.5000
911:	41	27	14	40	27	13	290974.60807	290974.62832	-0.02025	0.05000	0.00000	
912:	41	26	15	40	26	14	291135.29635	291135.26077	0.03558	0.05000	0.00000	
913:	41	25	16	40	25	15	291313.22342	291313.21962	0.00380	0.05000	0.00000	
914:	65	8	57	65	7	58	291503.05147	291503.04224	0.00923	0.05000	0.00000	
915:	41	24	17	40	24	16	291511.66923	291511.68528	-0.01605	0.05000	0.00000	
916:	40	12	29	39	12	28	291620.30785	291620.39920	-0.09135	0.05000	0.00000	
917:	41	23	18	40	23	17	291734.58702	291734.59711	-0.01009	0.05000	0.00000	
918:	41	22	19	40	22	18	291986.88882	291986.89202	-0.00320	0.05000	0.00000	
919:	41	22	19	40	22	18	291986.88900	291986.89202	-0.00303	0.05000	0.00000	-0.00303 0.5000
920:	41	22	20	40	22	19	291986.88900	291986.89202	-0.00303	0.05000	0.00000	-0.00303 0.5000
921:	41	21	21	40	21	20	292274.79650	292274.84104	-0.04454	0.05000	0.00000	-0.04454 0.5000
922:	41	21	20	40	21	19	292274.79650	292274.84105	-0.04454	0.05000	0.00000	-0.04454 0.5000
923:	40	10	31	39	10	30	292277.80677	292277.81129	-0.00452	0.05000	0.00000	
924:	40	12	28	39	12	27	292340.60163	292340.58589	0.01573	0.05000	0.00000	
925:	41	20	22	40	20	21	292606.51612	292606.53615	-0.02003	0.05000	0.00000	-0.02003 0.5000
926:	41	20	21	40	20	20	292606.51612	292606.53615	-0.02003	0.05000	0.00000	-0.02003 0.5000
927:	40	11	30	39	11	29	292819.73328	292819.71332	0.01996	0.05000	0.00000	
928:	40	8	32	39	8	31	293274.51600	293274.49971	0.01629	0.05000	0.00000	
929:	41	18	24	40	18	23	293447.37791	293447.38904	-0.01113	0.05000	0.00000	-0.01126 0.5000
930:	41	18	23	40	18	22	293447.37791	293447.38931	-0.01140	0.05000	0.00000	-0.01126 0.5000
931:	41	17	24	40	17	23	293990.63222	293990.65580	-0.02358	0.05000	0.00000	-0.02088 0.5000
932:	41	17	25	40	17	24	293990.63222	293990.65040	-0.01818	0.05000	0.00000	-0.02088 0.5000
933:	39	10	29	38	10	28	294165.76736	294165.70418	0.06317	0.05000	0.00000	
934:	41	16	26	40	16	25	294650.85619	294650.77713	0.07906	0.05000	0.00000	0.03209 0.5000
935:	41	16	25	40	16	24	294650.85619	294650.87107	-0.01488	0.05000	0.00000	0.03209 0.5000

985:	42	27	15	41	27	14	298153.24863	298153.36903	-0.12040	0.05000	0.00000	298153.36903	-0.12040	0.5000
986:	42	26	17	41	26	16	298325.30066	298325.36265	-0.06199	0.05000	0.00000	298325.36265	-0.06199	0.5000
987:	42	26	16	41	26	15	298325.30066	298325.36265	-0.06199	0.05000	0.00000	298325.36265	-0.06199	0.5000
988:	41	8	33	40	8	32	298346.59049	298346.60311	-0.01262	0.05000	0.00000	298346.60311	-0.01262	0.5000
989:	42	25	18	41	25	17	298516.16508	298516.07284	0.09224	0.05000	0.00000	298516.07284	0.09224	0.5000
990:	42	25	17	41	25	16	298516.16508	298516.07284	0.09224	0.05000	0.00000	298516.07284	0.09224	0.5000
991:	42	24	19	41	24	18	298728.94812	298728.94315	0.00497	0.05000	0.00000	298728.94315	0.00497	0.5000
992:	42	24	18	41	24	17	298728.94812	298728.94315	0.00497	0.05000	0.00000	298728.94315	0.00497	0.5000
993:	42	23	20	41	23	19	298968.25314	298968.24492	0.00822	0.05000	0.00000	298968.24492	0.00822	0.5000
994:	42	23	19	41	23	18	298968.25314	298968.24492	0.00822	0.05000	0.00000	298968.24492	0.00822	0.5000
995:	41	10	32	40	10	31	299168.04487	299168.03145	0.01341	0.05000	0.00000	299168.03145	0.01341	0.5000
996:	42	22	21	41	22	20	299239.31327	299239.34066	-0.02739	0.05000	0.00000	299239.34066	-0.02739	0.5000
997:	42	22	20	41	22	19	299239.31327	299239.34066	-0.02739	0.05000	0.00000	299239.34066	-0.02739	0.5000
998:	41	12	30	40	12	29	299380.87882	299380.88467	-0.00585	0.05000	0.00000	299380.88467	-0.00585	0.5000
999:	42	21	22	41	21	21	299549.09225	299549.05733	0.03492	0.05000	0.00000	299549.05733	0.03492	0.5000
1000:	42	21	21	41	21	20	299549.09225	299549.05733	0.03492	0.05000	0.00000	299549.05733	0.03492	0.5000
1001:	42	20	22	41	20	21	299906.25948	299906.22951	0.02996	0.05000	0.00000	299906.22951	0.02996	0.5000
1002:	42	20	23	41	20	22	299906.25948	299906.22951	0.02996	0.05000	0.00000	299906.22951	0.02996	0.5000
1003:	42	19	24	41	19	23	300322.59714	300322.51570	0.08144	0.05000	0.00000	300322.51571	0.08143	0.5000
1004:	42	19	23	41	19	22	300322.59714	300322.51573	0.08141	0.05000	0.00000	300322.51571	0.08143	0.5000
1005:	41	11	31	40	11	30	300345.52271	300345.57167	-0.04896	0.05000	0.00000	300345.57167	-0.04896	0.5000
1006:	42	18	24	41	18	23	300813.74013	300813.67387	0.06626	0.05000	0.00000	300813.67355	0.06657	0.5000
1007:	42	18	25	41	18	24	300813.74013	300813.67324	0.06689	0.05000	0.00000	300813.67355	0.06657	0.5000
1008:	44	7	38	43	7	37	301019.76213	301019.76610	-0.00397	0.05000	0.00000	301019.76610	-0.00397	0.5000
1009:	44	6	38	43	6	37	301031.99989	301032.00844	-0.00855	0.05000	0.00000	301032.00844	-0.00855	0.5000
1010:	43	8	36	42	8	35	301206.30785	301206.25369	0.05415	0.05000	0.00000	301206.25369	0.05415	0.5000
1011:	46	5	42	45	5	41	301241.71289	301241.67116	0.04173	0.05000	0.00000	301241.67526	0.03762	0.3333
1012:	46	5	42	45	5	41	301241.71289	301241.69727	0.01562	0.05000	0.00000	301241.67526	0.03762	0.3333
1013:	46	4	42	45	5	41	301241.71289	301241.65736	0.05552	0.05000	0.00000	301241.67526	0.03762	0.3333
1014:	42	9	34	41	9	33	301260.76134	301260.76247	-0.00113	0.05000	0.00000	301260.76247	-0.00113	0.5000
1015:	42	17	26	41	17	25	301401.49739	301401.64668	-0.14930	0.05000	0.00000	301401.65279	-0.15540	0.5000
1016:	42	17	25	41	17	24	301401.49739	301401.65889	-0.16150	0.05000	0.00000	301401.65279	-0.15540	0.5000
1017:	43	7	36	42	7	35	301422.05338	301422.06132	-0.00793	0.05000	0.00000	301422.06132	-0.00793	0.5000
1018:	47	4	44	46	4	43	301507.23396	301507.21985	0.01411	0.05000	0.00000	301507.21996	0.01400	0.2500
1019:	47	3	44	46	3	43	301507.23396	301507.22007	0.01389	0.05000	0.00000	301507.21996	0.01400	0.2500
1020:	47	4	44	46	3	43	301507.23396	301507.22030	0.01365	0.05000	0.00000	301507.21996	0.01400	0.2500
1021:	47	3	44	46	4	43	301507.23396	301507.21982	0.01434	0.05000	0.00000	301507.21996	0.01400	0.2500
1022:	48	2	46	47	2	45	301816.36539	301816.35757	0.00782	0.05000	0.00000	301816.35756	0.00782	0.2500
1023:	48	2	46	47	3	45	301816.36539	301816.35756	0.00782	0.05000	0.00000	301816.35756	0.00782	0.2500
1024:	48	3	46	47	2	45	301816.36539	301816.35757	0.00782	0.05000	0.00000	301816.35756	0.00782	0.2500
1025:	48	3	46	47	3	45	301816.36539	301816.35756	0.00782	0.05000	0.00000	301816.35756	0.00782	0.2500
1026:	42	16	26	41	16	25	302118.26929	302118.35667	-0.08737	0.05000	0.00000	302118.25703	0.01227	0.5000
1027:	42	16	27	41	16	26	302118.26929	302118.15739	0.11190	0.05000	0.00000	302118.25703	0.01227	0.5000
1028:	49	1	48	48	2	47	302148.04274	302148.04549	-0.00275	0.05000	0.00000	302148.04549	-0.00275	0.2500
1029:	49	2	48	48	1	47	302148.04274	302148.04549	-0.00275	0.05000	0.00000	302148.04549	-0.00275	0.2500
1030:	49	2	48	48	2	47	302148.04274	302148.04549	-0.00275	0.05000	0.00000	302148.04549	-0.00275	0.2500
1031:	49	1	48	48	1	47	302148.04274	302148.04549	-0.00275	0.05000	0.00000	302148.04549	-0.00275	0.2500
1032:	40	9	31	39	9	30	302449.48200	302449.49091	-0.00890	0.05000	0.00000	302449.49091	-0.00890	0.5000
1033:	50	1	50	49	0	49	302489.74341	302489.73796	0.00546	0.05000	0.00000	302489.73796	0.00546	0.2500

1034:	50	1	50	49	1	49	302489.74341	302489.73796	0.00546	0.05000	0.00000	302489.73796	0.00546	0.2500
1035:	50	0	50	49	0	49	302489.74341	302489.73796	0.00546	0.05000	0.00000	302489.73796	0.00546	0.2500
1036:	50	0	50	49	1	49	302489.74341	302489.73796	0.00546	0.05000	0.00000	302489.73796	0.00546	0.2500
1037:	38	22	17	38	21	18	302701.06462	302701.20511	-0.14049	0.05000	0.00000	302701.20511	-0.14049	0.5000
1038:	38	22	16	38	21	17	302701.06462	302701.20511	-0.14049	0.05000	0.00000	302701.20511	-0.14049	0.5000
1039:	42	15	28	41	15	27	303010.72977	303010.76704	-0.03727	0.05000	0.00000			
1040:	42	15	27	41	15	26	303013.51996	303013.49557	0.02438	0.05000	0.00000			
1041:	40	10	30	39	10	29	303031.56981	303031.57964	-0.00983	0.05000	0.00000			
1042:	40	9	32	39	8	31	303186.10931	303186.08376	0.02555	0.05000	0.00000			
1043:	34	22	13	34	21	14	303518.30617	303518.29976	0.00642	0.05000	0.00000	303518.29976	0.00642	0.5000
1044:	34	22	12	34	21	13	303518.30617	303518.29976	0.00642	0.05000	0.00000	303518.29976	0.00642	0.5000
1045:	42	8	34	41	8	33	303536.56456	303536.56574	-0.00118	0.05000	0.00000			
1046:	42	14	29	41	14	28	304148.54508	304148.54278	0.00229	0.05000	0.00000			
1047:	42	14	28	41	14	27	304179.30605	304179.26209	0.04396	0.05000	0.00000			
1048:	43	35	9	42	35	8	304319.44428	304319.54651	-0.10223	0.05000	0.00000	304319.54651	-0.10223	0.5000
1049:	43	35	8	42	35	7	304319.44428	304319.54651	-0.10223	0.05000	0.00000	304319.54651	-0.10223	0.5000
1050:	43	33	11	42	33	10	304520.99075	304520.94514	0.04561	0.05000	0.00000	304520.94514	0.04561	0.5000
1051:	43	33	10	42	33	9	304520.99075	304520.94514	0.04561	0.05000	0.00000	304520.94514	0.04561	0.5000
1052:	20	12	9	19	11	8	304592.67304	304592.74448	-0.07144	0.05000	0.00000	304592.74506	-0.07203	0.5000
1053:	20	12	8	19	11	9	304592.67304	304592.74565	-0.07261	0.05000	0.00000	304592.74506	-0.07203	0.5000
1054:	18	13	6	17	12	5	304722.90755	304722.89061	0.01694	0.05000	0.00000	304722.89061	0.01694	0.5000
1055:	18	13	5	17	12	6	304722.90755	304722.89061	0.01694	0.05000	0.00000	304722.89061	0.01694	0.5000
1056:	43	31	13	42	31	12	304751.10906	304751.12166	-0.01260	0.05000	0.00000	304751.12166	-0.01260	0.5000
1057:	43	31	12	42	31	11	304751.10906	304751.12166	-0.01260	0.05000	0.00000	304751.12166	-0.01260	0.5000
1058:	16	14	3	15	13	2	304772.03245	304772.01157	0.02088	0.05000	0.00000	304772.01157	0.02088	0.5000
1059:	16	14	2	15	13	3	304772.03245	304772.01157	0.02088	0.05000	0.00000	304772.01157	0.02088	0.5000
1060:	43	30	13	42	30	12	304879.82651	304879.73990	0.08661	0.05000	0.00000	304879.73990	0.08661	0.5000
1061:	43	30	14	42	30	13	304879.82651	304879.73990	0.08661	0.05000	0.00000	304879.73990	0.08661	0.5000
1062:	43	29	15	42	29	14	305019.18837	305019.23685	-0.04848	0.05000	0.00000	305019.23685	-0.04848	0.5000
1063:	43	29	14	42	29	13	305019.18837	305019.23685	-0.04848	0.05000	0.00000	305019.23685	-0.04848	0.5000
1064:	43	28	16	42	28	15	305171.34145	305171.33611	0.00534	0.05000	0.00000	305171.33611	0.00534	0.5000
1065:	43	28	15	42	28	14	305171.34145	305171.33611	0.00534	0.05000	0.00000	305171.33611	0.00534	0.5000
1066:	43	27	16	42	27	15	305338.10352	305338.10138	0.00215	0.05000	0.00000	305338.10138	0.00215	0.5000
1067:	43	27	17	42	27	16	305338.10352	305338.10138	0.00215	0.05000	0.00000	305338.10138	0.00215	0.5000
1068:	43	26	18	42	26	17	305522.00543	305522.02285	-0.01742	0.05000	0.00000	305522.02285	-0.01742	0.5000
1069:	43	26	17	42	26	16	305522.00543	305522.02285	-0.01742	0.05000	0.00000	305522.02285	-0.01742	0.5000
1070:	42	13	30	41	13	29	305588.57452	305588.68854	-0.11401	0.05000	0.00000			
1071:	43	25	19	42	25	18	305726.20208	305726.13128	0.07079	0.05000	0.00000	305726.13128	0.07079	0.5000
1072:	43	25	18	42	25	17	305726.20208	305726.13128	0.07079	0.05000	0.00000	305726.13128	0.07079	0.5000
1073:	41	11	30	40	11	29	305839.85321	305839.82113	0.03208	0.05000	0.00000			
1074:	42	13	29	41	13	28	305863.84945	305863.84840	0.00105	0.05000	0.00000			
1075:	42	10	33	41	10	32	305883.99022	305884.00582	-0.01559	0.05000	0.00000			
1076:	43	24	20	42	24	19	305954.19110	305954.15104	0.04006	0.05000	0.00000			
1077:	43	24	19	42	24	18	305954.19110	305954.15104	0.04006	0.05000	0.00000	305954.15104	0.04006	0.5000
1078:	43	23	21	42	23	20	306210.77156	306210.70891	0.06265	0.05000	0.00000	306210.70891	0.06265	0.5000
1079:	43	23	20	42	23	19	306210.77156	306210.70891	0.06265	0.05000	0.00000	306210.70891	0.06265	0.5000
1080:	43	22	21	42	22	20	306501.61350	306501.62483	-0.01132	0.05000	0.00000	306501.62483	-0.01132	0.5000
1081:	43	22	22	42	22	21	306501.61350	306501.62483	-0.01132	0.05000	0.00000	306501.62483	-0.01132	0.5000
1082:	43	21	23	42	21	22	306834.23692	306834.32611	-0.08919	0.05000	0.00000	306834.32611	-0.08919	0.5000

1083:	43	21	22	42	21	21	306834.23692	306834.32611	-0.08919	0.05000	0.00000	306834.32611	-0.08919	0.5000
1084:	45	7	39	44	7	38	306963.64890	306963.70146	-0.05256	0.05000	0.00000			
1085:	45	6	39	44	6	38	306970.76731	306970.77736	-0.01005	0.05000	0.00000			
1086:	45	5	41	45	5	40	307023.09002	307023.20976	-0.11975	0.05000	0.00000	307023.08102	0.00900	0.5000
1087:	46	6	41	45	6	40	307023.09002	307022.95227	0.13775	0.05000	0.00000	307023.08102	0.00900	0.5000
1088:	44	8	37	43	8	36	307126.23943	307126.15210	0.08734	0.05000	0.00000			
1089:	42	12	31	41	12	30	307131.23914	307131.23985	-0.00071	0.05000	0.00000			
1090:	43	20	24	42	20	23	307218.47696	307218.45424	0.02272	0.05000	0.00000	307218.47133	0.00563	0.1667
1091:	47	5	43	46	4	42	307218.47696	307218.49040	-0.01344	0.05000	0.00000	307218.47133	0.00563	0.1667
1092:	47	4	43	46	4	42	307218.47696	307218.48314	-0.00618	0.05000	0.00000	307218.47133	0.00563	0.1667
1093:	47	5	43	46	5	42	307218.47696	307218.47661	0.00035	0.05000	0.00000	307218.47133	0.00563	0.1667
1094:	43	20	23	42	20	22	307218.47696	307218.45424	0.02272	0.05000	0.00000	307218.47133	0.00563	0.1667
1095:	47	4	43	46	5	42	307218.47696	307218.46935	0.00761	0.05000	0.00000	307218.47133	0.00563	0.1667
1096:	44	7	37	43	7	36	307258.92891	307258.93885	-0.00994	0.05000	0.00000			
1097:	43	9	35	42	9	34	307317.64230	307317.66035	-0.01805	0.05000	0.00000			
1098:	48	4	45	47	4	44	307488.83266	307488.81805	0.01461	0.05000	0.00000	307488.81811	0.01455	0.2500
1099:	48	3	45	47	3	44	307488.83266	307488.81816	0.01450	0.05000	0.00000	307488.81811	0.01455	0.2500
1100:	48	4	45	47	3	44	307488.83266	307488.81828	0.01438	0.05000	0.00000	307488.81811	0.01455	0.2500
1101:	48	3	45	47	4	44	307488.83266	307488.81793	0.01473	0.05000	0.00000	307488.81811	0.01455	0.2500
1102:	43	19	24	42	19	23	307666.79190	307666.78427	0.00763	0.05000	0.00000	307666.78424	0.00766	0.5000
1103:	43	19	25	42	19	24	307666.79190	307666.78420	0.00770	0.05000	0.00000	307666.78424	0.00766	0.5000
1104:	42	11	32	41	11	31	307754.17093	307754.15804	0.01289	0.05000	0.00000			
1105:	49	2	47	48	2	46	307800.01759	307799.99052	0.02706	0.05000	0.00000	307799.99052	0.02706	0.2500
1106:	49	2	47	48	3	46	307800.01759	307799.99052	0.02707	0.05000	0.00000	307799.99052	0.02706	0.2500
1107:	49	3	47	48	2	46	307800.01759	307799.99053	0.02706	0.05000	0.00000	307799.99052	0.02706	0.2500
1108:	49	3	47	48	3	46	307800.01759	307799.99052	0.02706	0.05000	0.00000	307799.99052	0.02706	0.2500
1109:	50	1	49	49	1	48	308132.45710	308132.44445	0.01265	0.05000	0.00000			
1110:	43	18	25	42	18	24	308196.66493	308196.67691	-0.01198	0.05000	0.00000	308196.67616	-0.01123	0.5000
1111:	43	18	26	42	18	25	308196.66493	308196.67542	-0.01049	0.05000	0.00000	308196.67616	-0.01123	0.5000
1112:	41	9	32	40	9	31	308379.43221	308379.43100	0.00121	0.05000	0.00000			
1113:	51	0	51	50	0	50	308474.35426	308474.37184	-0.01758	0.05000	0.00000			
1114:	43	17	26	42	17	25	308832.48036	308832.50394	-0.02358	0.05000	0.00000			
1115:	43	8	35	42	8	34	308873.63151	308873.65141	-0.01990	0.05000	0.00000			
1116:	42	12	30	41	12	29	308958.34229	308958.36139	-0.01910	0.05000	0.00000			
1117:	43	16	28	42	16	27	309609.87929	309609.68639	0.19290	0.05000	0.00000	309609.89292	-0.01363	0.5000
1118:	43	16	27	42	16	26	309609.87929	309610.09945	-0.22016	0.05000	0.00000	309609.89292	-0.01363	0.5000
1119:	28	9	20	27	8	19	309628.10270	309628.09753	0.00517	0.05000	0.00000			
1120:	56	23	33	56	22	34	309726.60662	309726.70650	-0.09988	0.05000	0.00000			
1121:	55	23	32	55	22	33	310393.54826	310393.60794	-0.05968	0.05000	0.00000			
1122:	61	4	57	61	3	58	310512.18468	310512.18890	-0.00422	0.05000	0.00000			
1123:	43	15	29	42	15	28	310581.60285	310581.63500	-0.03215	0.05000	0.00000			
1124:	43	15	28	42	15	27	310586.91336	310586.94296	-0.02960	0.05000	0.00000			
1125:	81	15	67	81	14	68	310590.99659	310590.96275	0.03384	0.05000	0.00000			
1126:	44	43	1	43	43	0	310780.66667	310780.70968	-0.04301	0.05000	0.00000			
1127:	44	42	2	43	42	1	310852.48398	310852.41802	0.06596	0.05000	0.00000			
1128:	44	41	3	43	41	2	310926.61314	310926.59302	0.02012	0.05000	0.00000			
1129:	44	40	4	43	40	3	311003.53739	311003.55892	-0.02153	0.05000	0.00000			
1130:	54	23	31	54	22	32	311021.96471	311021.86665	0.09806	0.05000	0.00000			
1131:	44	38	6	43	38	5	311167.40153	311167.37895	0.02258	0.05000	0.00000			

1132:	23	11	13	22	10	12	311175.84918	311175.91448	-0.06530	0.05000	0.00000	
1133:	23	11	12	22	10	13	311176.87100	311176.94029	-0.06929	0.05000	0.00000	
1134:	44	37	7	43	37	6	311255.11602	311255.12224	-0.00622	0.05000	0.00000	
1135:	44	36	8	43	36	7	311347.42340	311347.45294	-0.02954	0.05000	0.00000	
1136:	44	35	9	43	35	8	311444.97824	311444.99132	-0.01308	0.05000	0.00000	
1137:	41	10	31	40	10	30	311473.57718	311473.54089	0.03629	0.05000	0.00000	
1138:	44	8	36	43	9	35	311495.85818	311495.83796	0.02022	0.05000	0.00000	
1139:	44	34	10	43	34	9	311548.51685	311548.45183	0.06502	0.05000	0.00000	
1140:	21	12	10	20	11	9	311609.23456	311609.18755	0.04701	0.05000	0.00000	
1141:	53	23	30	53	22	31	311613.44439	311613.44731	-0.00292	0.05000	0.00000	
1142:	44	33	11	43	33	10	311658.67278	311658.66100	0.01178	0.05000	0.00000	
1143:	43	9	35	42	8	34	311728.19449	311728.24123	-0.04674	0.05000	0.00000	
1144:	44	32	12	43	32	11	311776.56070	311776.57966	-0.01896	0.05000	0.00000	
1145:	19	13	7	18	12	6	311778.78592	311778.83284	-0.04692	0.05000	0.00000	311778.83284
1146:	19	13	6	18	12	7	311778.78592	311778.83284	-0.04693	0.05000	0.00000	311778.83284
1147:	43	14	30	42	14	29	311821.89557	311821.93309	-0.03752	0.05000	0.00000	
1148:	17	14	3	16	13	4	311843.68667	311843.57281	0.11387	0.05000	0.00000	311843.57281
1149:	17	14	4	16	13	3	311843.68667	311843.57281	0.11387	0.05000	0.00000	311843.57281
1150:	15	15	0	14	14	1	311872.03680	311872.02357	0.01324	0.05000	0.00000	0.01324 0.5000
1151:	15	15	1	14	14	0	311872.03680	311872.02357	0.01324	0.05000	0.00000	0.01324 0.5000
1152:	43	14	29	42	14	28	311877.77155	311877.80170	-0.03015	0.05000	0.00000	
1153:	44	31	13	43	31	12	311903.29235	311903.33045	-0.03810	0.05000	0.00000	
1154:	44	30	14	43	30	13	312040.25727	312040.23235	0.02492	0.05000	0.00000	
1155:	52	23	29	52	22	30	312170.18204	312170.19925	-0.01721	0.05000	0.00000	
1156:	44	29	15	43	29	14	312188.83044	312188.84432	-0.01388	0.05000	0.00000	
1157:	44	28	16	43	28	15	312350.94019	312351.02104	-0.08085	0.05000	0.00000	
1158:	43	10	34	42	10	33	312431.67540	312431.76647	-0.09107	0.05000	0.00000	
1159:	44	27	17	43	27	16	312528.95185	312528.98487	-0.03302	0.05000	0.00000	
1160:	34	9	26	33	8	25	312665.02513	312664.94080	0.08433	0.05000	0.00000	
1161:	51	23	28	51	22	29	312693.82083	312693.86689	-0.04606	0.05000	0.00000	
1162:	44	26	18	43	26	17	312725.39385	312725.41984	-0.02599	0.05000	0.00000	
1163:	46	6	40	45	7	39	312905.10839	312905.24908	-0.14069	0.05000	0.00000	
1164:	46	7	40	45	7	39	312910.41341	312910.53086	-0.11745	0.05000	0.00000	
1165:	46	6	40	45	6	39	312914.51535	312914.59029	-0.07494	0.05000	0.00000	
1166:	46	7	40	45	6	39	312919.83386	312919.87207	-0.03821	0.05000	0.00000	
1167:	44	25	19	43	25	18	312943.55000	312943.59625	-0.04625	0.05000	0.00000	
1168:	47	5	42	46	5	41	312990.25678	312990.28655	-0.02977	0.05000	0.00000	0.04084 0.5000
1169:	47	6	42	46	6	41	312990.25678	312990.14532	0.11446	0.05000	0.00000	0.04084 0.5000
1170:	45	8	38	44	8	37	313044.10011	313044.09779	0.00232	0.05000	0.00000	
1171:	45	7	38	44	7	37	313124.86354	313124.84512	0.01842	0.05000	0.00000	
1172:	50	23	27	50	22	28	313186.05138	313186.09887	-0.04749	0.05000	0.00000	
1173:	44	24	20	43	24	19	313187.54781	313187.53819	0.00962	0.05000	0.00000	
1174:	48	4	44	47	4	43	313195.36321	313195.37017	-0.00696	0.05000	0.00000	
1175:	44	9	36	43	9	35	313313.54322	313313.56303	-0.01981	0.05000	0.00000	
1176:	43	13	31	42	13	30	313361.15604	313361.27032	-0.11428	0.05000	0.00000	
1177:	44	23	21	43	23	20	313462.24381	313462.25317	-0.00936	0.05000	0.00000	
1178:	49	3	46	48	3	45	313470.09510	313470.10897	-0.01387	0.05000	0.00000	
1179:	44	22	22	43	22	21	313774.08587	313774.05310	0.03278	0.10000	0.00000	0.03278 0.5000
1180:	44	22	23	43	22	22	313774.08587	313774.05310	0.03278	0.10000	0.00000	0.03278 0.5000

1181:	42	9	33	41	9	32	313811.52268	313811.49328	0.02940	0.10000	0.00000			
1182:	43	13	30	42	13	29	313824.89315	313824.86211	0.03104	0.10000	0.00000			
1183:	51	2	50	50	2	49	314116.35651	314116.34579	0.01072	0.10000	0.00000	314116.34579	0.01072	0.2500
1184:	51	1	50	50	1	49	314116.35651	314116.34579	0.01072	0.10000	0.00000	314116.34579	0.01072	0.2500
1185:	51	1	50	50	2	49	314116.35651	314116.34579	0.01072	0.10000	0.00000	314116.34579	0.01072	0.2500
1186:	51	2	50	50	1	49	314116.35651	314116.34579	0.01072	0.10000	0.00000	314116.34579	0.01072	0.2500
1187:	44	21	23	43	21	22	314131.01840	314131.01434	0.00406	0.10000	0.00000	314131.01434	0.00406	0.5000
1188:	44	21	24	43	21	23	314131.01840	314131.01434	0.00406	0.10000	0.00000	314131.01434	0.00406	0.5000
1189:	44	8	36	43	8	35	314350.43663	314350.42778	0.00886	0.10000	0.00000			
1190:	52	1	52	51	0	51	314458.56305	314458.49859	0.06446	0.10000	0.00000	314458.49859	0.06446	0.2500
1191:	52	0	52	51	0	51	314458.56305	314458.49859	0.06446	0.10000	0.00000	314458.49859	0.06446	0.2500
1192:	52	0	52	51	1	51	314458.56305	314458.49859	0.06446	0.10000	0.00000	314458.49859	0.06446	0.2500
1193:	52	1	52	51	1	51	314458.56305	314458.49859	0.06446	0.10000	0.00000	314458.49859	0.06446	0.2500
1194:	44	20	24	43	20	23	314543.65695	314543.65639	0.00056	0.10000	0.00000	314543.65639	0.00056	0.5000
1195:	44	20	25	43	20	24	314543.65695	314543.65638	0.00057	0.10000	0.00000	314543.65639	0.00056	0.5000
1196:	43	12	32	42	12	31	314848.62433	314848.70681	-0.08248	0.10000	0.00000			
1197:	43	11	33	42	11	32	315019.93762	315019.92924	0.00838	0.10000	0.00000			
1198:	44	19	26	43	19	25	315025.99070	315025.97904	0.01166	0.10000	0.00000	315025.97912	0.01158	0.5000
1199:	44	19	25	43	19	24	315025.99070	315025.97921	0.01149	0.10000	0.00000	315025.97912	0.01158	0.5000
1200:	42	11	31	41	11	30	315094.22751	315094.22990	-0.00240	0.10000	0.00000			
1201:	44	18	27	43	18	26	315597.04501	315597.11758	-0.07257	0.10000	0.00000	315597.11928	-0.07427	0.5000
1202:	44	18	26	43	18	25	315597.04501	315597.12099	-0.07597	0.10000	0.00000	315597.11928	-0.07427	0.5000
1203:	42	23	19	42	22	20	316164.26742	316164.18574	0.08168	0.10000	0.00000	316164.18574	0.08168	0.5000
1204:	42	23	20	42	22	21	316164.26742	316164.18574	0.08168	0.10000	0.00000	316164.18574	0.08168	0.5000
1205:	44	9	36	43	8	35	316168.23264	316168.15285	0.07979	0.10000	0.00000			
1206:	62	5	58	62	4	59	316174.93467	316175.01218	-0.07751	0.10000	0.00000	316175.01218	-0.07751	0.2500
1207:	62	4	58	62	3	59	316174.93467	316175.01218	-0.07751	0.10000	0.00000	316175.01218	-0.07751	0.2500
1208:	62	4	58	62	4	59	316174.93467	316175.01218	-0.07751	0.10000	0.00000	316175.01218	-0.07751	0.2500
1209:	62	5	58	62	3	59	316174.93467	316175.01218	-0.07751	0.10000	0.00000	316175.01218	-0.07751	0.2500
1210:	44	17	27	43	17	26	316284.13395	316284.17685	-0.04291	0.10000	0.00000	316284.14786	-0.01392	0.5000
1211:	44	17	28	43	17	27	316284.13395	316284.11887	0.01507	0.10000	0.00000	316284.14786	-0.01392	0.5000
1212:	38	23	15	38	22	16	317139.58365	317139.63434	-0.05069	0.10000	0.00000	317139.63434	-0.05069	0.5000
1213:	38	23	16	38	22	17	317139.58365	317139.63434	-0.05069	0.10000	0.00000	317139.63434	-0.05069	0.5000
1214:	43	12	31	42	12	30	317621.06221	317621.05347	0.00874	0.10000	0.00000	317139.63434	-0.05069	0.5000
1215:	44	15	30	43	15	29	318184.52865	318184.47310	0.05555	0.10000	0.00000			
1216:	44	15	29	43	15	28	318194.60923	318194.57766	0.03157	0.10000	0.00000			
1217:	45	35	10	44	35	9	318573.67783	318573.76789	-0.09007	0.10000	0.00000	318573.76789	-0.09007	0.5000
1218:	45	35	11	44	35	10	318573.67783	318573.76789	-0.09007	0.10000	0.00000	318573.76789	-0.09007	0.5000
1219:	22	12	10	21	11	11	318608.63684	318608.58959	0.04726	0.10000	0.00000	318608.58320	0.05364	0.5000
1220:	22	12	11	21	11	10	318608.63684	318608.57681	0.06003	0.10000	0.00000	318608.58320	0.05364	0.5000
1221:	45	34	12	44	34	11	318683.51224	318683.37471	0.13752	0.10000	0.00000	318683.37471	0.13752	0.5000
1222:	45	34	11	44	34	10	318683.51224	318683.37471	0.13752	0.10000	0.00000	318683.37471	0.13752	0.5000
1223:	44	10	35	43	10	34	318824.91318	318824.90083	0.01234	0.10000	0.00000			
1224:	47	7	41	46	7	40	318860.00591	318860.04471	-0.03880	0.10000	0.00000			
1225:	47	6	41	46	6	40	318862.34391	318862.35756	-0.01365	0.10000	0.00000			
1226:	43	9	34	42	9	33	318907.21914	318907.23766	-0.01852	0.10000	0.00000			
1227:	45	32	14	44	32	13	318925.47454	318925.39842	0.07612	0.10000	0.00000	318925.39842	0.07612	0.5000
1228:	45	32	13	44	32	12	318925.47454	318925.39842	0.07612	0.10000	0.00000	318925.39842	0.07612	0.5000
1229:	48	6	43	47	6	42	318958.25993	318958.22365	0.03628	0.10000	0.00000	318958.26219	-0.00226	0.5000

1230:	48	5	43	47	5	42	318958.25993	318958.30073	-0.04080	0.10000	0.00000	318958.26219	-0.00226	0.5000
1231:	46	7	39	45	7	38	319011.61835	319011.62074	-0.00239	0.10000	0.00000			
1232:	45	31	15	44	31	14	319060.04414	319060.05027	-0.00613	0.10000	0.00000	319060.05027	-0.00613	0.5000
1233:	45	31	14	44	31	13	319060.04414	319060.05027	-0.00613	0.10000	0.00000	319060.05027	-0.00613	0.5000
1234:	49	4	44	48	5	44	319172.22702	319172.26698	-0.03997	0.10000	0.00000	319172.26698	-0.04287	0.2500
1235:	49	5	45	48	5	44	319172.22702	319172.26897	-0.04196	0.10000	0.00000	319172.26898	-0.04287	0.2500
1236:	49	4	45	48	4	44	319172.22702	319172.27079	-0.04378	0.10000	0.00000	319172.26988	-0.04287	0.2500
1237:	49	5	45	48	4	44	319172.22702	319172.27278	-0.04577	0.10000	0.00000	319172.26988	-0.04287	0.2500
1238:	45	30	16	44	30	15	319205.70273	319205.61280	0.08993	0.10000	0.00000	319205.61280	0.08993	0.5000
1239:	45	30	15	44	30	14	319205.70273	319205.61280	0.08993	0.10000	0.00000	319205.61280	0.08993	0.5000
1240:	45	9	37	44	9	36	319267.13289	319267.02060	0.11229	0.10000	0.00000			
1241:	42	10	32	41	10	31	319358.83931	319358.93296	-0.09365	0.10000	0.00000			
1242:	45	29	16	44	29	15	319363.73628	319363.76042	-0.02414	0.10000	0.00000	319363.76042	-0.02414	0.5000
1243:	45	29	17	44	29	16	319363.73628	319363.76042	-0.02414	0.10000	0.00000	319363.76042	-0.02414	0.5000
1244:	50	3	47	49	3	46	319451.06432	319451.06301	0.00131	0.10000	0.00000	319451.06300	0.00133	0.2500
1245:	50	4	47	49	3	46	319451.06432	319451.06304	0.00128	0.10000	0.00000	319451.06300	0.00133	0.2500
1246:	50	4	47	49	4	46	319451.06432	319451.06298	0.00134	0.10000	0.00000	319451.06300	0.00133	0.2500
1247:	50	3	47	49	4	46	319451.06432	319451.06295	0.00137	0.10000	0.00000	319451.06300	0.00133	0.2500
1248:	44	14	31	43	14	30	319532.47967	319532.48770	-0.00802	0.10000	0.00000			
1249:	45	28	17	44	28	16	319536.56194	319536.48650	0.07544	0.10000	0.00000	319536.48650	0.07544	0.5000
1250:	45	28	18	44	28	17	319536.56194	319536.48650	0.07544	0.10000	0.00000	319536.48650	0.07544	0.5000
1251:	44	14	30	43	14	29	319631.98883	319631.88315	0.10568	0.10000	0.00000			
1252:	45	27	19	44	27	18	319726.17346	319726.18151	-0.00805	0.10000	0.00000	319726.18151	-0.00805	0.5000
1253:	45	27	18	44	27	17	319726.17346	319726.18151	-0.00805	0.10000	0.00000	319726.18151	-0.00805	0.5000
1254:	51	2	49	50	2	48	319765.89436	319765.88553	0.00883	0.10000	0.00000	319765.88553	0.00883	0.2500
1255:	51	2	49	50	3	48	319765.89436	319765.88553	0.00883	0.10000	0.00000	319765.88553	0.00883	0.2500
1256:	51	3	49	50	2	48	319765.89436	319765.88553	0.00882	0.10000	0.00000	319765.88553	0.00883	0.2500
1257:	51	3	49	50	3	48	319765.89436	319765.88553	0.00883	0.10000	0.00000	319765.88553	0.00883	0.2500
1258:	63	24	40	63	23	41	319913.74100	319913.84334	-0.10234	0.10000	0.00000	319913.83802	-0.09702	0.5000
1259:	63	24	39	63	23	40	319913.74100	319913.83271	-0.09171	0.10000	0.00000	319913.83802	-0.09702	0.5000
1260:	45	26	20	44	26	19	319935.75330	319935.73536	0.01793	0.10000	0.00000	319935.73536	0.01793	0.5000
1261:	45	26	19	44	26	18	319935.75330	319935.73536	0.01793	0.10000	0.00000	319935.73536	0.01793	0.5000
1262:	45	8	37	44	8	36	319943.49509	319943.50183	-0.00674	0.10000	0.00000			
1263:	52	1	51	51	1	50	320099.74675	320099.73866	0.00810	0.10000	0.00000	320099.73866	0.00810	0.2500
1264:	52	1	51	51	2	50	320099.74675	320099.73866	0.00810	0.10000	0.00000	320099.73866	0.00810	0.2500
1265:	52	2	51	51	1	50	320099.74675	320099.73866	0.00810	0.10000	0.00000	320099.73866	0.00810	0.2500
1266:	52	2	51	51	2	50	320099.74675	320099.73866	0.00810	0.10000	0.00000	320099.73866	0.00810	0.2500
1267:	45	25	21	44	25	20	320168.65574	320168.67333	-0.01758	0.10000	0.00000	320168.67333	-0.01758	0.5000
1268:	45	25	20	44	25	19	320168.65574	320168.67333	-0.01758	0.10000	0.00000	320168.67333	-0.01758	0.5000
1269:	45	24	22	44	24	21	320429.31100	320429.33957	-0.02857	0.10000	0.00000	320429.33957	-0.02857	0.5000
1270:	45	24	21	44	24	20	320429.31100	320429.33957	-0.02857	0.10000	0.00000	320429.33957	-0.02857	0.5000
1271:	53	0	53	52	0	52	320442.09999	320442.10824	-0.00824	0.10000	0.00000	320442.10824	-0.00824	0.2500
1272:	53	0	53	52	1	52	320442.09999	320442.10824	-0.00824	0.10000	0.00000	320442.10824	-0.00824	0.2500
1273:	53	1	53	52	0	52	320442.09999	320442.10824	-0.00824	0.10000	0.00000	320442.10824	-0.00824	0.2500
1274:	53	1	53	52	1	52	320442.09999	320442.10824	-0.00824	0.10000	0.00000	320442.10824	-0.00824	0.2500
1275:	45	23	23	44	23	22	320723.10919	320723.14957	-0.04038	0.10000	0.00000	320723.14957	-0.04038	0.5000
1276:	45	23	22	44	23	21	320723.10919	320723.14957	-0.04038	0.10000	0.00000	320723.14957	-0.04038	0.5000
1277:	45	22	24	44	22	23	321056.95819	321056.94482	0.01337	0.10000	0.00000	321056.94482	0.01337	0.5000
1278:	45	22	23	44	22	22	321056.95819	321056.94482	0.01337	0.10000	0.00000	321056.94482	0.01337	0.5000

1279:	44	13	32	43	13	31	321154.60752	321154.48616	0.12136	0.10000	0.00000	321439.50421	0.01840	0.5000
1280:	45	21	25	44	21	24	321439.52261	321439.50421	0.01840	0.10000	0.00000	321439.50421	0.01840	0.5000
1281:	45	21	24	44	21	23	321439.52261	321439.50421	0.01840	0.10000	0.00000	321439.50421	0.01840	0.5000
1282:	45	20	26	44	20	25	321882.30638	321882.30411	0.00228	0.10000	0.00000	321882.30412	0.00227	0.5000
1283:	45	20	25	44	20	24	321882.30638	321882.30413	0.00226	0.10000	0.00000	321882.30412	0.00227	0.5000
1284:	44	13	31	43	13	30	321916.33527	321916.33486	0.00041	0.10000	0.00000			
1285:	44	11	34	43	11	33	322122.90664	322122.93000	-0.02335	0.10000	0.00000			
1286:	45	19	26	44	19	25	322400.69810	322400.69137	0.00673	0.10000	0.00000	322400.69116	0.00693	0.5000
1287:	45	19	27	44	19	26	322400.69810	322400.69096	0.00714	0.10000	0.00000	322400.69116	0.00693	0.5000
1288:	44	12	33	43	12	32	322506.56627	322506.55928	0.00699	0.10000	0.00000			
1289:	45	18	27	44	18	26	323015.73235	323015.78159	-0.04924	0.10000	0.00000	323015.77778	-0.04543	0.5000
1290:	45	18	28	44	18	27	323015.73235	323015.77397	-0.04162	0.10000	0.00000	323015.77778	-0.04543	0.5000
1291:	45	17	29	44	17	28	323757.67732	323757.63400	0.04332	0.10000	0.00000	323757.69508	-0.01776	0.5000
1292:	45	17	28	44	17	27	323757.67732	323757.75615	-0.07883	0.10000	0.00000	323757.69508	-0.01776	0.5000
1293:	44	9	35	43	9	34	323854.90059	323854.86810	0.03249	0.10000	0.00000			
1294:	43	11	32	42	11	31	324328.60161	324328.57261	0.02900	0.10000	0.00000			
1295:	48	6	42	47	7	41	324809.62899	324810.31311	-0.68413	0.10000	0.00000			
1296:	48	7	42	47	7	41	324811.81704	324811.97276	-0.15572	0.10000	0.00000			
1297:	48	6	42	47	6	41	324813.40739	324813.28204	0.12535	0.10000	0.00000			
1298:	48	7	42	47	6	41	324814.85342	324814.94169	-0.08828	0.10000	0.00000			
1299:	47	8	40	46	8	39	324884.65154	324884.63117	0.02037	0.10000	0.00000			
1300:	47	7	40	46	7	39	324913.57287	324913.58400	-0.01114	0.10000	0.00000			
1301:	49	5	44	48	5	43	324927.02827	324927.06481	-0.03655	0.10000	0.00000	324927.06715	-0.03888	0.3333
1302:	49	6	44	48	5	43	324927.02827	324927.11369	-0.08542	0.10000	0.00000	324927.06715	-0.03888	0.3333
1303:	49	6	44	48	6	43	324927.02827	324927.02294	0.00533	0.10000	0.00000	324927.06715	-0.03888	0.3333
1304:	45	10	36	44	10	35	325082.76119	325082.69533	0.06585	0.10000	0.00000			
1305:	50	4	46	49	5	45	325149.11623	325149.11779	-0.00156	0.10000	0.00000	325149.11931	-0.00308	0.2500
1306:	50	5	46	49	5	45	325149.11623	325149.11883	-0.00260	0.10000	0.00000	325149.11931	-0.00308	0.2500
1307:	50	4	46	49	4	45	325149.11623	325149.11979	-0.00356	0.10000	0.00000	325149.11931	-0.00308	0.2500
1308:	50	5	46	49	4	45	325149.11623	325149.12083	-0.00460	0.10000	0.00000	325149.11931	-0.00308	0.2500
1309:	46	9	38	45	9	37	325193.08362	325193.01812	0.06551	0.10000	0.00000			
1310:	51	3	48	50	3	47	325431.64694	325431.65311	-0.00616	0.10000	0.00000	325431.65310	-0.00616	0.2500
1311:	51	3	48	50	4	47	325431.64694	325431.65308	-0.00613	0.10000	0.00000	325431.65310	-0.00616	0.2500
1312:	51	4	48	50	3	47	325431.64694	325431.65312	-0.00618	0.10000	0.00000	325431.65310	-0.00616	0.2500
1313:	51	4	48	50	4	47	325431.64694	325431.65309	-0.00615	0.10000	0.00000	325431.65310	-0.00616	0.2500
1314:	23	12	11	22	11	12	325588.13706	325588.07993	0.05713	0.10000	0.00000			
1315:	46	36	11	45	36	10	325596.75117	325596.78828	-0.03710	0.10000	0.00000	325596.78828	-0.03710	0.5000
1316:	46	36	10	45	36	9	325596.75117	325596.78828	-0.03710	0.10000	0.00000	325596.78828	-0.03710	0.5000
1317:	46	8	38	45	8	37	325626.57808	325626.61418	-0.03610	0.10000	0.00000			
1318:	46	35	11	45	35	10	325706.14396	325705.95423	0.18973	0.10000	0.00000	325705.95423	0.18973	0.5000
1319:	46	35	12	45	35	11	325706.14396	325705.95423	0.18973	0.10000	0.00000	325705.95423	0.18973	0.5000
1320:	52	2	50	51	3	49	325748.12516	325748.11799	0.00717	0.10000	0.00000	325748.11799	0.00717	0.2500
1321:	52	3	50	51	2	49	325748.12516	325748.11799	0.00717	0.10000	0.00000	325748.11799	0.00717	0.2500
1322:	52	3	50	51	3	49	325748.12516	325748.11799	0.00717	0.10000	0.00000	325748.11799	0.00717	0.2500
1323:	52	2	50	51	2	49	325748.12516	325748.11799	0.00717	0.10000	0.00000	325748.11799	0.00717	0.2500
1324:	45	15	30	44	15	29	325839.89740	325839.89236	0.00504	0.10000	0.00000			
1325:	21	13	9	20	12	8	325864.19398	325864.30292	-0.10894	0.10000	0.00000	325864.30296	-0.10899	0.5000
1326:	21	13	8	20	12	9	325864.19398	325864.30301	-0.10903	0.10000	0.00000	325864.30296	-0.10899	0.5000
1327:	46	33	14	45	33	13	325945.75799	325945.77834	-0.02035	0.10000	0.00000	325945.77834	-0.02035	0.5000

1328:	46	33	13	45	33	12	325945.75799	325945.77834	-0.02035	0.10000	0.00000	325945.77834	-0.02035	0.5000
1329:	19	14	6	18	13	5	325975.31776	325975.30726	0.01050	0.10000	0.00000	325975.30726	0.01050	0.5000
1330:	19	14	5	18	13	6	325975.31776	325975.30726	0.01050	0.10000	0.00000	325975.30726	0.01050	0.5000
1331:	46	32	14	45	32	13	326078.54445	326078.48905	0.05539	0.10000	0.00000	326078.48905	0.05539	0.5000
1332:	46	32	15	45	32	14	326078.54445	326078.48905	0.05539	0.10000	0.00000	326078.48905	0.05539	0.5000
1333:	53	1	52	52	2	51	326082.66704	326082.61228	0.05476	0.10000	0.00000	326082.61228	0.05476	0.2500
1334:	53	2	52	52	1	51	326082.66704	326082.61228	0.05476	0.10000	0.00000	326082.61228	0.05476	0.2500
1335:	53	2	52	52	2	51	326082.66704	326082.61228	0.05476	0.10000	0.00000	326082.61228	0.05476	0.2500
1336:	53	1	52	52	1	51	326082.66704	326082.61228	0.05476	0.10000	0.00000	326082.61228	0.05476	0.2500
1337:	46	31	16	45	31	15	326221.38969	326221.39087	-0.00118	0.10000	0.00000	326221.39087	-0.00118	0.5000
1338:	46	31	15	45	31	14	326221.38969	326221.39087	-0.00118	0.10000	0.00000	326221.39087	-0.00118	0.5000
1339:	46	30	16	45	30	15	326376.01470	326376.00179	0.01291	0.10000	0.00000	326376.00179	0.01291	0.5000
1340:	46	30	17	45	30	16	326376.01470	326376.00179	0.01291	0.10000	0.00000	326376.00179	0.01291	0.5000
1341:	54	0	54	53	1	53	326425.21985	326425.19080	0.02905	0.10000	0.00000	326425.19080	0.02905	0.2500
1342:	54	1	54	53	0	53	326425.21985	326425.19080	0.02905	0.10000	0.00000	326425.19080	0.02905	0.2500
1343:	54	1	54	53	1	53	326425.21985	326425.19080	0.02905	0.10000	0.00000	326425.19080	0.02905	0.2500
1344:	54	0	54	53	0	53	326425.21985	326425.19080	0.02905	0.10000	0.00000	326425.19080	0.02905	0.2500
1345:	46	29	17	45	29	16	326544.14758	326544.11816	0.02943	0.10000	0.00000	326544.11816	0.02943	0.5000
1346:	46	29	18	45	29	17	326544.14758	326544.11816	0.02943	0.10000	0.00000	326544.11816	0.02943	0.5000
1347:	44	12	32	43	12	31	326557.77088	326557.76504	0.00584	0.10000	0.00000	326557.76504	0.00584	0.5000
1348:	43	10	33	42	10	32	326610.04492	326610.09718	-0.05226	0.10000	0.00000	326610.09718	-0.05226	0.5000
1349:	46	28	19	45	28	18	326727.83308	326727.88003	-0.04695	0.10000	0.00000	326727.88003	-0.04695	0.5000
1350:	46	28	18	45	28	17	326727.83308	326727.88003	-0.04695	0.10000	0.00000	326727.88003	-0.04695	0.5000
1351:	46	27	20	45	27	19	326929.85333	326929.85604	-0.00271	0.10000	0.00000	326929.85604	-0.00271	0.5000
1352:	46	27	19	45	27	18	326929.85333	326929.85604	-0.00271	0.10000	0.00000	326929.85604	-0.00271	0.5000
1353:	46	26	20	45	26	19	327153.16255	327153.15471	0.00784	0.10000	0.00000	327153.15471	0.00784	0.5000
1354:	46	26	21	45	26	20	327153.16255	327153.15471	0.00784	0.10000	0.00000	327153.15471	0.00784	0.5000
1355:	45	14	32	44	14	31	327279.67837	327279.61879	0.05958	0.10000	0.00000	327279.61879	0.05958	0.5000
1356:	46	25	22	45	25	21	327401.56032	327401.57282	-0.01250	0.10000	0.00000	327401.57282	-0.01250	0.5000
1357:	46	25	21	45	25	20	327401.56032	327401.57282	-0.01250	0.10000	0.00000	327401.57282	-0.01250	0.5000
1358:	45	14	31	44	14	30	327452.65307	327452.62178	0.03129	0.10000	0.00000	327452.62178	0.03129	0.5000
1359:	47	12	36	48	7	41	327620.03135	327620.12481	-0.09346	0.10000	0.00000	327620.12481	-0.09346	0.5000
1360:	46	24	23	45	24	22	327679.98341	327679.79645	0.18696	0.10000	0.00000	327679.79645	0.18696	0.5000
1361:	46	24	22	45	24	21	327679.98341	327679.79645	0.18696	0.10000	0.00000	327679.79645	0.18696	0.5000
1362:	46	23	24	45	23	23	327993.69442	327993.67855	0.01587	0.10000	0.00000	327993.67855	0.01587	0.5000
1363:	46	23	23	45	23	22	327993.69442	327993.67855	0.01587	0.10000	0.00000	327993.67855	0.01587	0.5000
1364:	50	24	26	50	23	27	328050.50583	328050.52254	-0.01671	0.10000	0.00000	328050.52254	-0.01671	0.5000
1365:	50	24	27	50	23	28	328050.50583	328050.52254	-0.01671	0.10000	0.00000	328050.52254	-0.01671	0.5000
1366:	46	22	25	45	22	24	328350.66883	328350.63122	0.03761	0.10000	0.00000	328350.63122	0.03761	0.5000
1367:	46	22	24	45	22	23	328350.66883	328350.63122	0.03761	0.10000	0.00000	328350.63122	0.03761	0.5000
1368:	46	21	26	45	21	25	328760.12523	328760.19475	-0.06951	0.10000	0.00000	328760.19475	-0.06951	0.5000
1369:	46	21	25	45	21	24	328760.12523	328760.19475	-0.06951	0.10000	0.00000	328760.19475	-0.06951	0.5000
1370:	45	13	33	44	13	32	328955.42346	328955.42264	0.00082	0.10000	0.00000	328955.42264	0.00082	0.5000
1371:	45	11	35	44	11	34	329050.72905	329050.74410	-0.01505	0.10000	0.00000	329050.74410	-0.01505	0.5000
1372:	46	20	26	45	20	25	329234.90290	329234.89029	0.01260	0.10000	0.00000	329234.89029	0.01260	0.5000
1373:	46	20	27	45	20	26	329234.90290	329234.89025	0.01265	0.10000	0.00000	329234.89025	0.01265	0.5000
1374:	46	24	23	46	23	24	329527.79352	329527.83283	-0.03931	0.10000	0.00000	329527.83283	-0.03931	0.5000
1375:	46	24	22	46	23	23	329527.79352	329527.83283	-0.03931	0.10000	0.00000	329527.83283	-0.03931	0.5000
1376:	46	19	27	45	19	26	329791.57999	329791.54911	0.03088	0.10000	0.00000	329791.54911	0.03088	0.5000

1377:	46	19	28	45	19	27	329791.57999	329791.54817	0.03182	0.10000	0.00000	329791.54864	0.03135	0.5000
1378:	45	24	21	45	23	22	329841.74187	329841.71494	0.02694	0.10000	0.00000	329841.71494	0.02694	0.5000
1379:	45	24	22	45	23	23	329841.74187	329841.71494	0.02694	0.10000	0.00000	329841.71494	0.02694	0.5000
1380:	45	12	34	44	12	33	330075.79344	330075.78368	0.00975	0.10000	0.00000			
1381:	28	10	18	27	9	19	330113.90107	330113.86235	0.03872	0.10000	0.00000			
1382:	44	24	21	44	23	22	330135.56332	330135.52493	0.03838	0.10000	0.00000	330135.52493	0.03838	0.5000
1383:	44	24	20	44	23	21	330135.56332	330135.52493	0.03838	0.10000	0.00000	330135.52493	0.03838	0.5000
1384:	45	13	32	44	13	31	330174.98913	330175.01900	-0.02987	0.10000	0.00000			
1385:	46	18	29	45	18	28	330453.50946	330453.47810	0.03136	0.10000	0.00000	330453.48642	0.02304	0.5000
1386:	46	18	28	45	18	27	330453.50946	330453.49474	0.01472	0.10000	0.00000	330453.48642	0.02304	0.5000
1387:	42	24	19	42	23	20	330666.80970	330666.79778	0.01192	0.10000	0.00000	330666.79778	0.01192	0.5000
1388:	42	24	18	42	23	19	330666.80970	330666.79778	0.01192	0.10000	0.00000	330666.79778	0.01192	0.5000
1389:	47	8	39	46	9	38	330669.06685	330669.01223	0.05462	0.10000	0.00000			
1390:	48	7	41	47	8	40	330785.97933	330786.02834	-0.04901	0.10000	0.00000			
1391:	48	8	41	47	8	40	330809.70906	330809.69346	0.01561	0.10000	0.00000			
1392:	48	7	41	47	7	40	330826.86850	330826.79579	0.07270	0.10000	0.00000			
1393:	50	6	45	49	6	44	330896.39207	330896.39769	-0.00562	0.10000	0.00000	330896.40902	-0.01695	0.2500
1394:	50	5	45	49	5	44	330896.39207	330896.42035	-0.02828	0.10000	0.00000	330896.40902	-0.01695	0.2500
1395:	50	6	45	49	5	44	330896.39207	330896.44657	-0.05450	0.10000	0.00000	330896.40902	-0.01695	0.2500
1396:	50	5	45	49	6	44	330896.39207	330896.37147	0.02060	0.10000	0.00000	330896.40902	-0.01695	0.2500
1397:	47	9	39	46	9	38	331102.89912	331102.93736	-0.03823	0.10000	0.00000			
1398:	51	4	47	50	5	46	331125.87542	331125.85803	0.01740	0.10000	0.00000	331125.85882	0.01661	0.2500
1399:	51	5	47	50	5	46	331125.87542	331125.85857	0.01686	0.10000	0.00000	331125.85882	0.01661	0.2500
1400:	51	4	47	50	4	46	331125.87542	331125.85906	0.01636	0.10000	0.00000	331125.85882	0.01661	0.2500
1401:	51	5	47	50	4	46	331125.87542	331125.85961	0.01582	0.10000	0.00000	331125.85882	0.01661	0.2500
1402:	46	10	37	45	10	36	331227.76059	331227.78700	-0.02641	0.10000	0.00000			
1403:	46	17	29	45	17	28	331254.38517	331254.43089	-0.04572	0.10000	0.00000	331254.30494	0.08023	0.5000
1404:	46	17	30	45	17	29	331254.38517	331254.417900	0.20617	0.10000	0.00000	331254.30494	0.08023	0.5000
1405:	47	8	39	46	8	38	331376.65495	331376.66001	-0.00506	0.10000	0.00000			
1406:	52	3	49	51	4	48	331411.86982	331411.85405	0.01576	0.10000	0.00000	331411.85407	0.01575	0.2500
1407:	52	4	49	51	3	48	331411.86982	331411.85408	0.01574	0.10000	0.00000	331411.85407	0.01575	0.2500
1408:	52	4	49	51	4	48	331411.86982	331411.85406	0.01576	0.10000	0.00000	331411.85407	0.01575	0.2500
1409:	52	3	49	51	3	48	331411.86982	331411.85407	0.01575	0.10000	0.00000	331411.85407	0.01575	0.2500
1410:	53	2	51	52	2	50	331729.87815	331729.85488	0.02327	0.10000	0.00000	331729.85488	0.02327	0.2500
1411:	53	2	51	52	3	50	331729.87815	331729.85488	0.02327	0.10000	0.00000	331729.85488	0.02327	0.2500
1412:	53	3	51	52	2	50	331729.87815	331729.85488	0.02327	0.10000	0.00000	331729.85488	0.02327	0.2500
1413:	53	3	51	52	3	50	331729.87815	331729.85488	0.02327	0.10000	0.00000	331729.85488	0.02327	0.2500
1414:	54	1	53	53	2	52	332064.97186	332064.95597	0.01589	0.10000	0.00000	332064.95597	0.01589	0.2500
1415:	54	2	53	53	1	52	332064.97186	332064.95597	0.01589	0.10000	0.00000	332064.95597	0.01589	0.2500
1416:	54	2	53	53	2	52	332064.97186	332064.95597	0.01589	0.10000	0.00000	332064.95597	0.01589	0.2500
1417:	54	1	53	53	1	52	332064.97186	332064.95597	0.01589	0.10000	0.00000	332064.95597	0.01589	0.2500
1418:	55	0	55	54	0	54	332407.71989	332407.73632	-0.01643	0.10000	0.00000	332407.73632	-0.01643	0.2500
1419:	55	0	55	54	1	54	332407.71989	332407.73632	-0.01643	0.10000	0.00000	332407.73632	-0.01643	0.2500
1420:	55	1	55	54	0	54	332407.71989	332407.73632	-0.01643	0.10000	0.00000	332407.73632	-0.01643	0.2500
1421:	55	1	55	54	1	54	332407.71989	332407.73632	-0.01643	0.10000	0.00000	332407.73632	-0.01643	0.2500
1422:	47	21	27	46	21	26	336093.55700	336093.50368	0.05332	0.10000	0.00000	336093.50368	0.05332	0.5000
1423:	47	21	26	46	21	25	336093.55700	336093.50368	0.05331	0.10000	0.00000	336093.50368	0.05332	0.5000
1424:	47	20	28	46	20	27	336601.93390	336601.93514	-0.00124	0.10000	0.00000	336601.93520	-0.00130	0.5000
1425:	47	20	27	46	20	26	336601.93390	336601.93525	-0.00135	0.10000	0.00000	336601.93520	-0.00130	0.5000

1426:	50	6	44	49	6	43	336722.15508	336722.34159	-0.18651	0.10000	0.00000	336722.13549	0.01959	0.5000
1427:	50	7	44	49	7	43	336722.15508	336721.92939	0.22569	0.10000	0.00000	336722.13549	0.01959	0.5000
1428:	46	13	34	45	13	33	336746.30293	336746.32408	-0.02116	0.10000	0.00000			
1429:	49	7	42	48	7	41	336748.51124	336748.51369	-0.00245	0.10000	0.00000			
1430:	51	5	46	50	6	45	336866.21974	336866.20533	0.01442	0.10000	0.00000	336866.22544	-0.00570	0.2500
1431:	51	6	46	50	6	45	336866.21974	336866.21934	0.00040	0.10000	0.00000	336866.22544	-0.00570	0.2500
1432:	51	5	46	50	5	45	336866.21974	336866.23155	-0.01180	0.10000	0.00000	336866.22544	-0.00570	0.2500
1433:	51	6	46	50	5	45	336866.21974	336866.24556	-0.02582	0.10000	0.00000	336866.22544	-0.00570	0.2500
1434:	100	21	80	100	19	81	337004.93667	337004.32289	0.61378	0.10000	0.00000	337004.62711	0.30956	0.5000
1435:	48	9	40	47	9	39	337004.93667	337004.93133	0.00534	0.10000	0.00000	337004.62711	0.30956	0.5000
1436:	52	4	48	51	5	47	337102.44571	337102.43600	0.00972	0.10000	0.00000	337102.43641	0.00931	0.2500
1437:	52	5	48	51	5	47	337102.44571	337102.43628	0.00944	0.10000	0.00000	337102.43641	0.00931	0.2500
1438:	52	4	48	51	4	47	337102.44571	337102.43654	0.00918	0.10000	0.00000	337102.43641	0.00931	0.2500
1439:	52	5	48	51	4	47	337102.44571	337102.43682	0.00889	0.10000	0.00000	337102.43641	0.00931	0.2500
1440:	48	8	40	47	8	39	337175.45086	337175.44678	0.00408	0.10000	0.00000			
1441:	47	19	28	46	19	27	337199.20941	337199.22311	-0.01371	0.10000	0.00000	337199.22205	-0.01264	0.5000
1442:	47	19	29	46	19	28	337199.20941	337199.22098	-0.01158	0.10000	0.00000	337199.22205	-0.01264	0.5000
1443:	47	10	38	46	10	37	337283.72462	337283.73262	-0.00800	0.10000	0.00000			
1444:	53	3	50	52	3	49	337391.65427	337391.64243	0.01184	0.10000	0.00000	337391.64243	0.01185	0.2500
1445:	53	3	50	52	4	49	337391.65427	337391.64242	0.01185	0.10000	0.00000	337391.64243	0.01185	0.2500
1446:	53	4	50	52	4	49	337391.65427	337391.64243	0.01185	0.10000	0.00000	337391.64243	0.01185	0.2500
1447:	53	4	50	52	3	49	337391.65427	337391.64243	0.01184	0.10000	0.00000	337391.64243	0.01185	0.2500
1448:	46	12	35	45	12	34	337527.43380	337527.42665	0.00715	0.10000	0.00000			
1449:	54	2	52	53	2	51	337711.08829	337711.08262	0.00567	0.10000	0.00000	337711.08262	0.00567	0.2500
1450:	54	2	52	53	3	51	337711.08829	337711.08262	0.00567	0.10000	0.00000	337711.08262	0.00567	0.2500
1451:	54	3	52	53	2	51	337711.08829	337711.08262	0.00567	0.10000	0.00000	337711.08262	0.00567	0.2500
1452:	54	3	52	53	3	51	337711.08829	337711.08262	0.00567	0.10000	0.00000	337711.08262	0.00567	0.2500
1453:	47	18	29	46	18	28	337911.11900	337911.16621	-0.04721	0.10000	0.00000			
1454:	55	1	54	54	2	53	338046.78843	338046.75913	0.02930	0.10000	0.00000	338046.75913	0.02930	0.2500
1455:	55	2	54	54	1	53	338046.78843	338046.75913	0.02930	0.10000	0.00000	338046.75913	0.02930	0.2500
1456:	55	2	54	54	2	53	338046.78843	338046.75913	0.02930	0.10000	0.00000	338046.75913	0.02930	0.2500
1457:	55	1	54	54	1	53	338046.78843	338046.75913	0.02930	0.10000	0.00000	338046.75913	0.02930	0.2500
1458:	56	0	56	55	0	55	338389.74845	338389.73485	0.01361	0.10000	0.00000	338389.73485	0.01361	0.2500
1459:	56	0	56	55	1	55	338389.74845	338389.73485	0.01361	0.10000	0.00000	338389.73485	0.01361	0.2500
1460:	56	1	56	55	0	55	338389.74845	338389.73485	0.01361	0.10000	0.00000	338389.73485	0.01361	0.2500
1461:	56	1	56	55	1	55	338389.74845	338389.73485	0.01361	0.10000	0.00000	338389.73485	0.01361	0.2500
1462:	27	11	17	26	10	16	338465.06488	338464.95194	0.11294	0.10000	0.00000			
1463:	46	13	33	45	13	32	338644.19661	338644.21601	-0.01940	0.10000	0.00000			
1464:	47	17	31	46	17	30	338775.26595	338775.01565	0.25030	0.10000	0.00000	338775.27006	-0.00411	0.5000
1465:	47	17	30	46	17	29	338775.26595	338775.52447	-0.25851	0.10000	0.00000	338775.27006	-0.00411	0.5000
1466:	47	9	38	46	9	37	339128.98883	339129.04558	-0.05675	0.10000	0.00000			
1467:	45	10	35	44	10	34	339156.24524	339156.23916	0.00608	0.10000	0.00000			
1468:	25	12	13	24	11	14	339474.32268	339474.43258	-0.10990	0.10000	0.00000	339474.29090	0.03179	0.5000
1469:	25	12	14	24	11	13	339474.32268	339474.14921	0.17347	0.10000	0.00000	339474.29090	0.03179	0.5000
1470:	48	39	9	47	39	8	339532.24462	339532.23186	0.01276	0.10000	0.00000	339532.23186	0.01276	0.5000
1471:	48	39	10	47	39	9	339532.24462	339532.23186	0.01276	0.10000	0.00000	339532.23186	0.01276	0.5000
1472:	48	38	11	47	38	10	339635.51171	339635.53984	-0.02813	0.10000	0.00000	339635.53984	-0.02813	0.5000
1473:	48	38	10	47	38	9	339635.51171	339635.53984	-0.02813	0.10000	0.00000	339635.53984	-0.02813	0.5000
1474:	48	37	12	47	37	11	339744.23047	339744.26042	-0.02995	0.10000	0.00000	339744.26042	-0.02995	0.5000

1475:	48	37	11	47	37	10	339744.23047	339744.26042	-0.02995	0.10000	0.00000	339744.26042	-0.02995	0.5000
1476:	47	16	32	46	16	31	339846.56753	339846.55444	0.01308	0.10000	0.00000			
1477:	47	16	31	46	16	30	339852.72884	339852.70530	0.02353	0.10000	0.00000			
1478:	23	13	10	22	12	11	339902.31043	339902.31312	-0.00270	0.10000	0.00000	339902.31258	-0.00215	0.5000
1479:	23	13	11	22	12	10	339902.31043	339902.31203	-0.00161	0.10000	0.00000	339902.31258	-0.00215	0.5000
1480:	48	35	14	47	35	13	339981.02056	339980.87052	0.15004	0.10000	0.00000	339980.87052	0.15004	0.5000
1481:	48	35	13	47	35	12	339981.02056	339980.87052	0.15004	0.10000	0.00000	339980.87052	0.15004	0.5000
1482:	21	14	8	20	13	7	340084.23552	340084.21142	0.02410	0.10000	0.00000	340084.21142	0.02410	0.5000
1483:	21	14	7	20	13	8	340084.23552	340084.21142	0.02409	0.10000	0.00000	340084.21142	0.02410	0.5000
1484:	19	15	4	18	14	5	340159.25149	340159.25821	-0.00672	0.10000	0.00000	340159.25821	-0.00672	0.5000
1485:	19	15	5	18	14	4	340159.25149	340159.25821	-0.00672	0.10000	0.00000	340159.25821	-0.00672	0.5000
1486:	17	16	2	16	15	1	340192.26304	340192.26487	-0.00183	0.10000	0.00000	340192.26487	-0.00183	0.5000
1487:	17	16	1	16	15	2	340192.26304	340192.26487	-0.00183	0.10000	0.00000	340192.26487	-0.00183	0.5000
1488:	48	33	16	47	33	15	340249.15873	340249.09331	0.06541	0.10000	0.00000	340249.09331	0.06541	0.5000
1489:	48	33	15	47	33	14	340249.15873	340249.09331	0.06541	0.10000	0.00000	340249.09331	0.06541	0.5000
1490:	48	32	16	47	32	15	340397.85552	340397.89160	-0.03608	0.10000	0.00000	340397.89160	-0.03608	0.5000
1491:	48	32	17	47	32	16	340397.85552	340397.89160	-0.03608	0.10000	0.00000	340397.89160	-0.03608	0.5000
1492:	48	31	18	47	31	17	340558.22507	340558.37897	-0.15390	0.10000	0.00000	340558.37897	-0.15390	0.5000
1493:	48	31	17	47	31	16	340558.22507	340558.37897	-0.15390	0.10000	0.00000	340558.37897	-0.15390	0.5000
1494:	48	30	19	47	30	18	340732.29864	340732.29468	0.00396	0.10000	0.00000	340732.29468	0.00396	0.5000
1495:	48	30	18	47	30	17	340732.29864	340732.29468	0.00396	0.10000	0.00000	340732.29468	0.00396	0.5000
1496:	48	29	20	47	29	19	340921.73258	340921.69967	0.03291	0.10000	0.00000	340921.69967	0.03291	0.5000
1497:	48	29	19	47	29	18	340921.73258	340921.69967	0.03291	0.10000	0.00000	340921.69967	0.03291	0.5000
1498:	48	28	20	47	28	19	341129.03383	341129.05322	-0.01938	0.10000	0.00000	341129.05322	-0.01938	0.5000
1499:	48	28	21	47	28	20	341129.03383	341129.05322	-0.01938	0.10000	0.00000	341129.05322	-0.01938	0.5000
1500:	47	15	33	46	15	32	341201.67421	341201.62477	0.04944	0.10000	0.00000			
1501:	47	15	32	46	15	31	341263.12647	341263.13040	-0.00393	0.10000	0.00000			
1502:	48	27	22	47	27	21	341357.31578	341357.31278	0.00301	0.10000	0.00000	341357.31278	0.00301	0.5000
1503:	48	27	21	47	27	20	341357.31578	341357.31278	0.00301	0.10000	0.00000	341357.31278	0.00301	0.5000
1504:	48	26	22	47	26	21	341609.96899	341610.06579	-0.09680	0.10000	0.00000	341610.06579	-0.09680	0.5000
1505:	48	26	23	47	26	22	341609.96899	341610.06579	-0.09680	0.10000	0.00000	341610.06579	-0.09680	0.5000
1506:	48	25	24	47	25	23	341891.68841	341891.70641	-0.01801	0.10000	0.00000	341891.70641	-0.01801	0.5000
1507:	48	25	23	47	25	22	341891.68841	341891.70641	-0.01801	0.10000	0.00000	341891.70641	-0.01801	0.5000
1508:	45	11	34	44	11	33	341917.88214	341917.87372	0.00842	0.10000	0.00000			
1509:	48	24	25	47	24	24	342207.74913	342207.67686	0.07227	0.10000	0.00000	342207.67686	0.07227	0.5000
1510:	48	24	24	47	24	23	342207.74913	342207.67686	0.07227	0.10000	0.00000	342207.67686	0.07227	0.5000
1511:	47	11	37	46	11	36	342374.37510	342374.37420	0.00090	0.10000	0.00000			
1512:	48	23	25	47	23	24	342564.78563	342564.80391	-0.01828	0.10000	0.00000	342564.80391	-0.01828	0.5000
1513:	48	23	26	47	23	25	342564.78563	342564.80391	-0.01828	0.10000	0.00000	342564.80391	-0.01828	0.5000
1514:	50	8	43	49	8	42	342670.93960	342670.97904	-0.03945	0.10000	0.00000			
1515:	50	7	43	49	7	42	342676.80142	342676.80637	-0.00495	0.10000	0.00000			
1516:	51	6	45	50	6	44	342679.53669	342679.64559	-0.10890	0.10000	0.00000	342679.53088	0.00580	0.5000
1517:	51	7	45	50	7	44	342679.53669	342679.41617	0.12051	0.10000	0.00000	342679.53088	0.00580	0.5000
1518:	47	14	34	46	14	33	342871.28019	342871.31053	-0.03034	0.10000	0.00000			
1519:	49	9	41	48	9	40	342904.50333	342904.50477	-0.00144	0.10000	0.00000			
1520:	48	22	27	47	22	26	342971.75892	342971.77973	-0.02081	0.10000	0.00000	342971.77973	-0.02081	0.5000
1521:	48	22	26	47	22	25	342971.75892	342971.77973	-0.02081	0.10000	0.00000	342971.77973	-0.02081	0.5000
1522:	49	8	41	48	8	40	343009.26938	343009.48066	-0.21128	0.10000	0.00000			
1523:	53	4	49	52	5	48	343078.80430	343078.80495	-0.00064	0.10000	0.00000	343078.80516	-0.00086	0.2500

1524:	53	5	49	52	5	48	343078.80430	343078.80509	-0.00079	0.10000	0.00000	343078.80516	-0.00086	0.2500
1525:	53	4	49	52	4	48	343078.80430	343078.80523	-0.00092	0.10000	0.00000	343078.80516	-0.00086	0.2500
1526:	53	5	49	52	4	48	343078.80430	343078.80537	-0.00107	0.10000	0.00000	343078.80516	-0.00086	0.2500
1527:	49	25	49	24	26		343150.88350	343150.90511	-0.02161	0.10000	0.00000	343150.90511	-0.02161	0.5000
1528:	49	25	49	24	25		343150.88350	343150.90511	-0.02161	0.10000	0.00000	343150.90511	-0.02161	0.5000
1529:	48	10	39	47	10	38	343272.88648	343272.89809	-0.01161	0.10000	0.00000			
1530:	47	14	33	46	14	32	343361.71928	343361.72051	-0.00122	0.10000	0.00000			
1531:	54	3	51	53	4	50	343370.98373	343370.99619	-0.01246	0.10000	0.00000	343370.99620	-0.01246	0.2500
1532:	54	4	51	53	3	50	343370.98373	343370.99620	-0.01247	0.10000	0.00000	343370.99620	-0.01246	0.2500
1533:	54	4	51	53	4	50	343370.98373	343370.99620	-0.01246	0.10000	0.00000	343370.99620	-0.01246	0.2500
1534:	54	3	51	53	3	50	343370.98373	343370.99620	-0.01247	0.10000	0.00000	343370.99620	-0.01246	0.2500
1535:	48	21	27	47	21	26	343439.97202	343439.86943	0.10258	0.10000	0.00000	343439.86943	0.10259	0.5000
1536:	48	21	28	47	21	27	343439.97202	343439.86942	0.10260	0.10000	0.00000	343439.86943	0.10259	0.5000
1537:	48	25	24	48	24	25	343487.18528	343487.13643	0.04885	0.10000	0.00000	343487.13643	0.04885	0.5000
1538:	48	25	23	48	24	24	343487.18528	343487.13643	0.04885	0.10000	0.00000	343487.13643	0.04885	0.5000
1539:	30	10	20	29	9	21	343490.89259	343490.80400	0.08859	0.10000	0.00000			
1540:	55	2	53	54	2	52	343691.79442	343691.78796	0.00646	0.10000	0.00000	343691.78796	0.00646	0.2500
1541:	55	2	53	54	3	52	343691.79442	343691.78796	0.00646	0.10000	0.00000	343691.78796	0.00646	0.2500
1542:	55	3	53	54	2	52	343691.79442	343691.78796	0.00646	0.10000	0.00000	343691.78796	0.00646	0.2500
1543:	55	3	53	54	3	52	343691.79442	343691.78796	0.00646	0.10000	0.00000	343691.78796	0.00646	0.2500
1544:	47	25	23	47	24	24	343803.07842	343803.10688	-0.02846	0.10000	0.00000	343803.10688	-0.02846	0.5000
1545:	47	25	22	47	24	23	343803.07842	343803.10688	-0.02846	0.10000	0.00000	343803.10688	-0.02846	0.5000
1546:	48	20	28	47	20	27	343983.99260	343983.99013	0.00248	0.10000	0.00000	343983.99000	0.00260	0.5000
1547:	48	20	29	47	20	28	343983.99260	343983.98987	0.00273	0.10000	0.00000	343983.99000	0.00260	0.5000
1548:	56	1	55	55	1	54	344028.01370	344028.01121	0.00249	0.10000	0.00000	344028.01121	0.00249	0.2500
1549:	56	1	55	55	2	54	344028.01370	344028.01121	0.00249	0.10000	0.00000	344028.01121	0.00249	0.2500
1550:	56	2	55	55	1	54	344028.01370	344028.01121	0.00249	0.10000	0.00000	344028.01121	0.00249	0.2500
1551:	56	2	55	55	2	54	344028.01370	344028.01121	0.00249	0.10000	0.00000	344028.01121	0.00249	0.2500
1552:	57	0	57	56	1	56	344371.25094	344371.17642	0.07452	0.10000	0.00000	344371.17642	0.07452	0.2500
1553:	57	1	57	56	0	56	344371.25094	344371.17642	0.07452	0.10000	0.00000	344371.17642	0.07452	0.2500
1554:	57	1	57	56	1	56	344371.25094	344371.17642	0.07452	0.10000	0.00000	344371.17642	0.07452	0.2500
1555:	57	0	57	56	0	56	344371.25094	344371.17642	0.07452	0.10000	0.00000	344371.17642	0.07452	0.2500
1556:	67	4	63	67	3	64	344457.29755	344457.35035	-0.05281	0.10000	0.00000	344457.35035	-0.05281	0.2500
1557:	67	4	63	67	4	64	344457.29755	344457.35035	-0.05281	0.10000	0.00000	344457.35035	-0.05281	0.2500
1558:	67	5	63	67	3	64	344457.29755	344457.35035	-0.05281	0.10000	0.00000	344457.35035	-0.05281	0.2500
1559:	67	5	63	67	4	64	344457.29755	344457.35035	-0.05281	0.10000	0.00000	344457.35035	-0.05281	0.2500
1560:	47	13	35	46	13	34	344504.64749	344504.62418	0.02331	0.10000	0.00000			
1561:	48	9	39	47	9	38	344516.91010	344516.91423	-0.00413	0.10000	0.00000			
1562:	46	10	36	45	10	35	344574.62384	344574.62255	0.00129	0.10000	0.00000			
1563:	48	19	29	47	19	28	344624.43072	344624.43197	-0.00125	0.10000	0.00000	344624.42961	0.00111	0.5000
1564:	48	19	30	47	19	29	344624.43072	344624.42725	0.00347	0.10000	0.00000	344624.42961	0.00111	0.5000
1565:	44	25	19	44	24	20	344638.64320	344638.64356	-0.00036	0.10000	0.00000	344638.64356	-0.00036	0.5000
1566:	44	25	20	44	24	21	344638.64320	344638.64356	-0.00036	0.10000	0.00000	344638.64356	-0.00036	0.5000
1567:	47	12	36	46	12	35	344835.25124	344835.26680	-0.01556	0.10000	0.00000			
1568:	46	12	34	45	12	33	345105.49338	345105.50274	-0.00936	0.10000	0.00000			
1569:	28	11	18	27	10	17	345139.74125	345139.70993	0.03132	0.10000	0.00000			
1570:	48	18	31	47	18	30	345389.74047	345389.70829	0.03218	0.10000	0.00000	345389.74553	-0.00506	0.5000
1571:	48	18	30	47	18	29	345389.74047	345389.78277	-0.04230	0.10000	0.00000	345389.74553	-0.00506	0.5000
1572:	70	26	45	70	25	46	345500.38878	345500.22737	0.16141	0.10000	0.00000	345500.22352	0.16525	0.5000

1573:	70	26	44	70	25	45	345500.38878	345500.21968	0.16910	0.10000	0.00000	345500.22352	0.16525	0.5000
1574:	40	25	16	40	24	17	345521.91967	345521.94122	-0.02156	0.10000	0.00000	345521.94122	-0.02156	0.5000
1575:	40	25	15	40	24	16	345521.91967	345521.94122	-0.02156	0.10000	0.00000	345521.94122	-0.02156	0.5000
1576:	49	10	39	48	11	38	345613.51995	345613.48410	0.03585	0.10000	0.00000			
1577:	39	25	14	39	24	15	345706.73994	345706.72045	0.01949	0.10000	0.00000	345706.72045	0.01949	0.5000
1578:	39	25	15	39	24	16	345706.73994	345706.72045	0.01949	0.10000	0.00000	345706.72045	0.01949	0.5000
1579:	38	25	14	38	24	15	345878.46560	345878.50600	-0.04040	0.10000	0.00000	345878.50600	-0.04040	0.5000
1580:	38	25	13	38	24	14	345878.46560	345878.50600	-0.04040	0.10000	0.00000	345878.50600	-0.04040	0.5000
1581:	49	42	8	48	42	7	346353.50237	346353.57074	-0.06837	0.10000	0.00000	346353.57074	-0.06837	0.5000
1582:	49	42	7	48	42	6	346353.50237	346353.57074	-0.06837	0.10000	0.00000	346353.57074	-0.06837	0.5000
1583:	49	39	10	48	39	9	346651.10182	346651.07735	0.02447	0.10000	0.00000	346651.07735	0.02447	0.5000
1584:	49	39	11	48	39	10	346651.10182	346651.07735	0.02447	0.10000	0.00000	346651.07735	0.02447	0.5000
1585:	49	38	12	48	38	11	346759.70819	346759.77310	-0.06491	0.10000	0.00000	346759.77310	-0.06491	0.5000
1586:	49	38	11	48	38	10	346759.70819	346759.77310	-0.06491	0.10000	0.00000	346759.77310	-0.06491	0.5000
1587:	49	37	13	48	37	12	346874.22161	346874.26451	-0.04290	0.10000	0.00000	346874.26451	-0.04290	0.5000
1588:	49	37	12	48	37	11	346874.22161	346874.26451	-0.04290	0.10000	0.00000	346874.26451	-0.04290	0.5000
1589:	24	13	11	23	12	12	346898.31859	346898.28053	0.03806	0.10000	0.00000	346898.27880	0.03978	0.5000
1590:	24	13	12	23	12	11	346898.31859	346898.27708	0.04151	0.10000	0.00000	346898.27880	0.03978	0.5000
1591:	49	36	13	48	36	12	346995.34768	346995.30474	0.04294	0.10000	0.00000	346995.30474	0.04294	0.5000
1592:	49	36	14	48	36	13	346995.34768	346995.30474	0.04294	0.10000	0.00000	346995.30474	0.04294	0.5000
1593:	28	25	4	28	24	5	347017.74649	347017.83101	-0.08452	0.10000	0.00000	347017.83101	-0.08452	0.5000
1594:	28	25	3	28	24	4	347017.74649	347017.83101	-0.08452	0.10000	0.00000	347017.83101	-0.08452	0.5000
1595:	49	35	15	48	35	14	347123.79071	347123.75887	0.03184	0.10000	0.00000	347123.75887	0.03184	0.5000
1596:	49	35	14	48	35	13	347123.79071	347123.75887	0.03184	0.10000	0.00000	347123.75887	0.03184	0.5000
1597:	22	14	8	21	13	9	347126.95575	347126.81872	0.13703	0.10000	0.00000	347126.81872	0.13703	0.5000
1598:	22	14	9	21	13	8	347126.95575	347126.81872	0.13703	0.10000	0.00000	347126.81872	0.13703	0.5000
1599:	20	15	6	19	14	5	347223.37446	347223.36453	0.00993	0.10000	0.00000	347223.36453	0.00993	0.5000
1600:	20	15	5	19	14	6	347223.37446	347223.36453	0.00993	0.10000	0.00000	347223.36453	0.00993	0.5000
1601:	18	16	3	17	15	2	347264.75499	347264.73118	0.02380	0.10000	0.00000	347264.62015	0.13484	0.3333
1602:	67	23	45	68	20	48	347264.75499	347264.39808	0.35691	0.10000	0.00000	347264.62015	0.13484	0.3333
1603:	18	16	2	17	15	3	347264.75499	347264.73118	0.02380	0.10000	0.00000	347264.62015	0.13484	0.3333
1604:	47	13	34	46	13	33	347366.90197	347366.84106	0.06091	0.10000	0.00000			
1605:	49	33	17	48	33	16	347407.11442	347407.05905	0.05537	0.10000	0.00000	347407.05905	0.05537	0.5000
1606:	49	33	16	48	33	15	347407.11442	347407.05905	0.05537	0.10000	0.00000	347407.05905	0.05537	0.5000
1607:	48	16	33	47	16	32	347481.75982	347481.72086	0.03896	0.10000	0.00000			
1608:	48	16	32	47	16	31	347493.16299	347493.20745	-0.04446	0.10000	0.00000			
1609:	49	32	17	48	32	16	347564.35570	347564.40882	-0.05312	0.10000	0.00000	347564.40882	-0.05312	0.5000
1610:	49	32	18	48	32	17	347564.35570	347564.40882	-0.05312	0.10000	0.00000	347564.40882	-0.05312	0.5000
1611:	49	31	19	48	31	18	347734.26655	347734.25189	0.01467	0.10000	0.00000	347734.25189	0.01467	0.5000
1612:	49	31	18	48	31	17	347734.26655	347734.25189	0.01467	0.10000	0.00000	347734.25189	0.01467	0.5000
1613:	49	30	20	48	30	19	347918.45211	347918.44717	0.00495	0.10000	0.00000	347918.44717	0.00495	0.5000
1614:	49	30	19	48	30	18	347918.45211	347918.44717	0.00495	0.10000	0.00000	347918.44717	0.00495	0.5000
1615:	49	28	21	48	28	20	348339.14551	348339.14026	0.00524	0.10000	0.00000	348339.14026	0.00524	0.5000
1616:	49	28	22	48	28	21	348339.14551	348339.14026	0.00524	0.10000	0.00000	348339.14026	0.00524	0.5000
1617:	49	27	23	48	27	22	348581.48196	348581.44037	0.04159	0.10000	0.00000	348581.44037	0.04159	0.5000
1618:	49	27	22	48	27	21	348581.48196	348581.44037	0.04159	0.10000	0.00000	348581.44037	0.04159	0.5000
1619:	51	8	44	50	8	43	348606.88680	348606.92428	-0.03749	0.10000	0.00000			
1620:	51	7	44	50	7	43	348610.32692	348610.28947	0.03745	0.10000	0.00000			
1621:	52	6	46	51	7	45	348638.30712	348638.09614	0.21097	0.10000	0.00000	348638.31394	-0.00682	0.2500

1622:	52	7	46	51	7	45	348638.30712	348638.25041	0.05670	0.10000	0.00000	348638.31394	-0.00682	0.2500
1623:	52	6	46	51	6	45	348638.30712	348638.37746	-0.07034	0.10000	0.00000	348638.31394	-0.00682	0.2500
1624:	52	7	46	51	6	45	348638.30712	348638.53173	-0.22461	0.10000	0.00000	348638.31394	-0.00682	0.2500
1625:	50	8	42	49	9	41	348710.63398	348710.64878	-0.01481	0.10000	0.00000			
1626:	48	11	38	47	11	37	348787.92480	348787.86659	0.05821	0.10000	0.00000			
1627:	50	9	42	49	9	41	348805.08222	348805.13818	-0.05597	0.10000	0.00000			
1628:	53	5	48	52	6	47	348806.72578	348806.75754	-0.03175	0.10000	0.00000	348806.76325	-0.03747	0.2500
1629:	53	6	48	52	6	47	348806.72578	348806.76150	-0.03572	0.10000	0.00000	348806.76325	-0.03747	0.2500
1630:	53	5	48	52	5	47	348806.72578	348806.76500	-0.03922	0.10000	0.00000	348806.76325	-0.03747	0.2500
1631:	53	6	48	52	5	47	348806.72578	348806.76897	-0.04318	0.10000	0.00000	348806.76325	-0.03747	0.2500
1632:	49	26	24	48	26	23	348850.08918	348849.94896	0.14022	0.10000	0.00000	348849.94896	0.14022	0.5000
1633:	49	26	23	48	26	22	348850.08918	348849.94896	0.14022	0.10000	0.00000	348849.94896	0.14022	0.5000
1634:	50	8	42	49	8	41	348869.15721	348869.08257	0.07464	0.10000	0.00000			
1635:	48	15	34	47	15	33	348947.41924	348947.42263	-0.00338	0.10000	0.00000			
1636:	54	4	50	53	5	49	349055.02283	349054.92236	0.10047	0.10000	0.00000	349054.98522	0.03761	0.2000
1637:	54	5	50	53	5	49	349055.02283	349054.92243	0.10040	0.10000	0.00000	349054.98522	0.03761	0.2000
1638:	54	4	50	53	4	49	349055.02283	349054.92250	0.10033	0.10000	0.00000	349054.98522	0.03761	0.2000
1639:	54	5	50	53	4	49	349055.02283	349054.92258	0.10025	0.10000	0.00000	349054.98522	0.03761	0.2000
1640:	48	15	33	47	15	32	349055.02283	349055.23625	-0.21343	0.10000	0.00000	349054.98522	0.03761	0.2000
1641:	49	25	25	48	25	24	349149.40429	349149.38871	0.01558	0.10000	0.00000	349149.38871	0.01558	0.5000
1642:	49	25	24	48	25	23	349149.40429	349149.38871	0.01558	0.10000	0.00000	349149.38871	0.01558	0.5000
1643:	49	10	40	48	10	39	349214.95818	349214.95187	0.00631	0.10000	0.00000			
1644:	55	3	52	54	3	51	349349.89594	349349.89468	0.00125	0.10000	0.00000	349349.89468	0.00125	0.2500
1645:	55	3	52	54	4	51	349349.89594	349349.89468	0.00126	0.10000	0.00000	349349.89468	0.00125	0.2500
1646:	55	4	52	54	3	51	349349.89594	349349.89468	0.00125	0.10000	0.00000	349349.89468	0.00125	0.2500
1647:	55	4	52	54	4	51	349349.89594	349349.89468	0.00126	0.10000	0.00000	349349.89468	0.00125	0.2500
1648:	49	24	26	48	24	25	349485.37080	349485.62003	-0.24923	0.10000	0.00000	349485.62003	-0.24923	0.5000
1649:	49	24	25	48	24	24	349485.37080	349485.62003	-0.24923	0.10000	0.00000	349485.62003	-0.24923	0.5000
1650:	47	10	37	46	10	36	349616.39837	349616.33616	0.06222	0.10000	0.00000			
1651:	107	30	77	107	29	78	349671.95498	349671.12664	0.82833	0.10000	0.00000	349671.79175	0.16323	0.2000
1652:	56	2	54	55	2	53	349671.95498	349671.95802	-0.00305	0.10000	0.00000	349671.79175	0.16323	0.2000
1653:	56	2	54	55	3	53	349671.95498	349671.95802	-0.00305	0.10000	0.00000	349671.79175	0.16323	0.2000
1654:	56	3	54	55	2	53	349671.95498	349671.95802	-0.00305	0.10000	0.00000	349671.79175	0.16323	0.2000
1655:	56	3	54	55	3	53	349671.95498	349671.95802	-0.00305	0.10000	0.00000	349671.79175	0.16323	0.2000
1656:	49	23	27	48	23	26	349865.99377	349866.01191	-0.01814	0.10000	0.00000	349866.01191	-0.01814	0.5000
1657:	49	23	26	48	23	25	349865.99377	349866.01191	-0.01814	0.10000	0.00000	349866.01191	-0.01814	0.5000
1658:	46	11	35	45	11	34	349930.94657	349930.92613	0.02044	0.10000	0.00000			
1659:	57	1	56	56	1	55	350008.71600	350008.70172	0.01428	0.10000	0.00000	350008.70172	0.01428	0.2500
1660:	57	1	56	56	2	55	350008.71600	350008.70172	0.01428	0.10000	0.00000	350008.70172	0.01428	0.2500
1661:	57	2	56	56	1	55	350008.71600	350008.70172	0.01428	0.10000	0.00000	350008.70172	0.01428	0.2500
1662:	57	2	56	56	2	55	350008.71600	350008.70172	0.01428	0.10000	0.00000	350008.70172	0.01428	0.2500
1663:	49	9	40	48	9	39	350035.88907	350035.88761	0.00146	0.10000	0.00000			
1664:	32	10	23	31	9	22	350159.78075	350159.82204	-0.04129	0.10000	0.00000			
1665:	49	22	28	48	22	27	350299.99123	350299.97519	0.01604	0.10000	0.00000	350299.97519	0.01604	0.5000
1666:	49	22	27	48	22	26	350299.99123	350299.97519	0.01604	0.10000	0.00000	350299.97519	0.01604	0.5000
1667:	58	0	58	57	0	57	350352.06442	350352.05108	0.01334	0.10000	0.00000	350352.05108	0.01334	0.2500
1668:	58	0	58	57	1	57	350352.06442	350352.05108	0.01334	0.10000	0.00000	350352.05108	0.01334	0.2500
1669:	58	1	58	57	0	57	350352.06442	350352.05108	0.01334	0.10000	0.00000	350352.05108	0.01334	0.2500
1670:	58	1	58	57	1	57	350352.06442	350352.05108	0.01334	0.10000	0.00000	350352.05108	0.01334	0.2500

1671:	48 14 35 47 14 34	350702.31182	350702.32150	-0.00967	0.10000	0.00000	0.00936 0.5000
1672:	49 21 29 48 21 28	350799.76274	350799.75337	0.00937	0.10000	0.00000	0.00936 0.5000
1673:	49 21 28 48 21 27	350799.76274	350799.75340	0.00934	0.10000	0.00000	0.00936 0.5000
1674:	49 20 48 20 28	351381.63954	351381.64047	-0.00093	0.10000	0.00000	-0.00064 0.5000
1675:	49 20 30 48 20 29	351381.63954	351381.63988	-0.00034	0.10000	0.00000	-0.00064 0.5000
1676:	48 14 34 47 14 33	351500.05499	351500.04779	0.00719	0.10000	0.00000	
1677:	48 12 37 47 12 36	351978.37676	351978.37719	-0.00043	0.10000	0.00000	
1678:	49 19 31 48 19 30	352067.93425	352067.93845	-0.00419	0.10000	0.00000	-0.00930 0.5000
1679:	49 19 30 48 19 29	352067.93425	352067.94866	-0.01441	0.10000	0.00000	-0.00930 0.5000
1680:	49 18 31 48 18 30	352890.35797	352890.42640	-0.06843	0.10000	0.00000	0.00802 0.5000
1681:	49 18 32 48 18 31	352890.35797	352890.27351	0.08446	0.10000	0.00000	0.00802 0.5000
1682:	27 12 16 26 11 15	353237.37342	353237.37847	-0.00505	0.10000	0.00000	
1683:	27 12 15 26 11 16	353239.16739	353239.11984	0.04755	0.10000	0.00000	
1684:	25 13 12 24 12 13	353875.67209	353875.70492	-0.03283	0.10000	0.00000	-0.02771 0.5000
1685:	25 13 13 24 12 12	353875.67209	353875.69467	-0.02259	0.10000	0.00000	-0.02771 0.5000
1686:	50 38 13 49 38 12	353887.06252	353887.00900	0.05352	0.10000	0.00000	0.05352 0.5000
1687:	50 38 12 49 38 11	353887.06252	353887.00900	0.05352	0.10000	0.00000	0.05352 0.5000
1688:	49 17 33 48 17 32	353895.19119	353895.18720	0.00399	0.10000	0.00000	
1689:	49 17 32 48 17 31	353897.15530	353897.14351	0.01179	0.10000	0.00000	
1690:	50 37 14 49 37 13	354007.29479	354007.49194	-0.19715	0.10000	0.00000	-0.19715 0.5000
1691:	50 37 13 49 37 12	354007.29479	354007.49194	-0.19715	0.10000	0.00000	-0.19715 0.5000
1692:	23 14 9 22 13 10	354159.50992	354159.54147	-0.03155	0.10000	0.00000	-0.03154 0.5000
1693:	23 14 10 22 13 9	354159.50992	354159.54145	-0.03152	0.10000	0.00000	-0.03154 0.5000
1694:	21 15 6 20 14 7	354282.58038	354282.54671	0.03367	0.10000	0.00000	0.03367 0.5000
1695:	21 15 7 20 14 6	354282.58038	354282.54671	0.03367	0.10000	0.00000	0.03367 0.5000
1696:	19 16 4 18 15 3	354335.30307	354335.17068	0.13239	0.10000	0.00000	0.13239 0.5000
1697:	19 16 3 18 15 4	354335.30307	354335.17068	0.13239	0.10000	0.00000	0.13239 0.5000
1698:	17 17 1 16 16 0	354361.21570	354361.24714	-0.03144	0.10000	0.00000	-0.03144 0.5000
1699:	17 17 0 16 16 1	354361.21570	354361.24714	-0.03144	0.10000	0.00000	-0.03144 0.5000
1700:	50 34 16 49 34 15	354414.67837	354414.75753	-0.07916	0.10000	0.00000	-0.07916 0.5000
1701:	50 34 17 49 34 16	354414.67837	354414.75753	-0.07916	0.10000	0.00000	-0.07916 0.5000
1702:	47 12 35 46 12 34	354461.91295	354461.97324	-0.06030	0.10000	0.00000	
1703:	48 10 38 47 10 37	354476.39324	354476.29761	0.09562	0.10000	0.00000	
1704:	52 8 45 51 8 44	354546.01677	354546.01733	-0.00056	0.10000	0.00000	
1705:	52 7 45 51 7 44	354547.99901	354547.94803	0.05099	0.10000	0.00000	
1706:	50 33 17 49 33 16	354569.40653	354569.35689	0.04965	0.10000	0.00000	0.04965 0.5000
1707:	50 33 18 49 33 17	354569.40653	354569.35689	0.04965	0.10000	0.00000	0.04965 0.5000
1708:	53 7 47 52 6 46	354598.26019	354598.37332	-0.11314	0.10000	0.00000	
1709:	53 6 47 52 6 46	354598.26095	354598.28908	-0.02813	0.10000	0.00000	0.04663 0.3333
1710:	53 7 47 52 7 46	354598.26095	354598.21905	0.04189	0.10000	0.00000	0.04663 0.3333
1711:	53 6 47 52 7 46	354598.26095	354598.13481	0.12614	0.10000	0.00000	0.04663 0.3333
1712:	51 8 43 50 8 42	354747.43303	354747.43100	0.00202	0.10000	0.00000	
1713:	54 5 49 53 6 48	354777.27515	354777.28959	-0.01444	0.10000	0.00000	-0.01747 0.2500
1714:	54 6 49 53 6 48	354777.27515	354777.29169	-0.01654	0.10000	0.00000	-0.01747 0.2500
1715:	54 5 49 53 5 48	354777.27515	354777.29356	-0.01841	0.10000	0.00000	-0.01747 0.2500
1716:	54 6 49 53 5 48	354777.27515	354777.29565	-0.02050	0.10000	0.00000	-0.01747 0.2500
1717:	50 31 20 49 31 19	354915.13870	354915.19660	-0.05790	0.10000	0.00000	-0.05790 0.5000
1718:	50 31 19 49 31 18	354915.13870	354915.19660	-0.05790	0.10000	0.00000	-0.05790 0.5000
1719:	55 4 51 54 5 50	355030.77151	355030.74940	0.02210	0.10000	0.00000	0.02205 0.2500

1720:	55	4	51	54	4	50	355030.77151	355030.74948	0.02203	0.10000	0.00000	355030.74946	0.02205	0.2500
1721:	55	5	51	54	4	50	355030.77151	355030.74951	0.02199	0.10000	0.00000	355030.74946	0.02205	0.2500
1722:	55	5	51	54	5	50	355030.77151	355030.74944	0.02207	0.10000	0.00000	355030.74946	0.02205	0.2500
1723:	50	30	21	49	30	20	355110.00148	355110.10563	-0.10415	0.10000	0.00000	355110.10563	-0.10415	0.5000
1724:	50	30	20	49	30	19	355110.00148	355110.10563	-0.10415	0.10000	0.00000	355110.10563	-0.10415	0.5000
1725:	50	10	41	49	10	40	355126.08033	355126.06299	0.01734	0.10000	0.00000			
1726:	49	16	34	48	16	33	355150.79743	355150.76835	0.02908	0.10000	0.00000			
1727:	49	16	33	48	16	32	355171.71755	355171.80867	-0.09113	0.10000	0.00000			
1728:	50	29	22	49	29	21	355322.64512	355322.69154	-0.04642	0.10000	0.00000	355322.69154	-0.04642	0.5000
1729:	50	29	21	49	29	20	355322.64512	355322.69154	-0.04642	0.10000	0.00000	355322.69154	-0.04642	0.5000
1730:	56	3	53	55	3	52	355328.31464	355328.31832	-0.00368	0.10000	0.00000	355328.31832	-0.00368	0.2500
1731:	56	3	53	55	4	52	355328.31464	355328.31831	-0.00368	0.10000	0.00000	355328.31832	-0.00368	0.2500
1732:	56	4	53	55	3	52	355328.31464	355328.31832	-0.00368	0.10000	0.00000	355328.31832	-0.00368	0.2500
1733:	56	4	53	55	4	52	355328.31464	355328.31832	-0.00368	0.10000	0.00000	355328.31832	-0.00368	0.2500
1734:	50	28	23	49	28	22	355555.69914	355555.77064	-0.07150	0.10000	0.00000	355555.77064	-0.07150	0.5000
1735:	50	28	22	49	28	21	355555.69914	355555.77064	-0.07150	0.10000	0.00000	355555.77064	-0.07150	0.5000
1736:	57	2	55	56	2	54	356651.58383	356651.58019	0.00364	0.10000	0.00000	356651.58019	0.00364	0.2500
1737:	57	2	55	56	3	54	356651.58383	356651.58019	0.00364	0.10000	0.00000	356651.58019	0.00364	0.2500
1738:	57	3	55	56	2	54	356651.58383	356651.58019	0.00364	0.10000	0.00000	356651.58019	0.00364	0.2500
1739:	57	3	55	56	3	54	356651.58383	356651.58019	0.00364	0.10000	0.00000	356651.58019	0.00364	0.2500
1740:	50	9	41	49	9	40	356658.18944	356658.20557	-0.01612	0.10000	0.00000			
1741:	50	27	24	49	27	23	356812.72196	356812.73721	-0.01525	0.10000	0.00000	356812.73721	-0.01525	0.5000
1742:	50	27	23	49	27	22	356812.72196	356812.73721	-0.01525	0.10000	0.00000	356812.73721	-0.01525	0.5000
1743:	58	1	57	57	1	56	355988.84543	355988.82024	0.02518	0.10000	0.00000	355988.82024	0.02518	0.2500
1744:	58	1	57	57	2	56	355988.84543	355988.82024	0.02518	0.10000	0.00000	355988.82024	0.02518	0.2500
1745:	58	2	57	57	1	56	355988.84543	355988.82024	0.02518	0.10000	0.00000	355988.82024	0.02518	0.2500
1746:	58	2	57	57	2	56	355988.84543	355988.82024	0.02518	0.10000	0.00000	355988.82024	0.02518	0.2500
1747:	50	26	25	49	26	24	356097.72744	356097.71958	0.00785	0.10000	0.00000	356097.71958	0.00785	0.5000
1748:	50	26	24	49	26	23	356097.72744	356097.71958	0.00785	0.10000	0.00000	356097.71958	0.00785	0.5000
1749:	59	0	59	58	0	58	356332.36763	356332.34889	0.01874	0.10000	0.00000	356332.34889	0.01874	0.2500
1750:	59	0	59	58	1	58	356332.36763	356332.34889	0.01874	0.10000	0.00000	356332.34889	0.01874	0.2500
1751:	59	1	59	58	0	58	356332.36763	356332.34889	0.01874	0.10000	0.00000	356332.34889	0.01874	0.2500
1752:	59	1	59	58	1	58	356332.36763	356332.34889	0.01874	0.10000	0.00000	356332.34889	0.01874	0.2500
1753:	48	13	35	47	13	34	356369.71323	356369.72645	-0.01322	0.10000	0.00000			
1754:	50	25	26	49	25	25	356415.78324	356415.79089	-0.00766	0.10000	0.00000	356415.79089	-0.00766	0.5000
1755:	50	25	25	49	25	24	356415.78324	356415.79089	-0.00766	0.10000	0.00000	356415.79089	-0.00766	0.5000
1756:	49	15	35	48	15	34	356729.80077	356729.79177	0.00900	0.10000	0.00000			
1757:	52	26	26	52	25	27	356743.54201	356743.54905	-0.00704	0.10000	0.00000	356743.54905	-0.00704	0.5000
1758:	52	26	27	52	25	28	356743.54201	356743.54905	-0.00704	0.10000	0.00000	356743.54905	-0.00704	0.5000
1759:	50	24	27	49	24	26	356773.26825	356773.25945	0.00880	0.10000	0.00000	356773.25945	0.00880	0.5000
1760:	50	24	26	49	24	25	356773.26825	356773.25945	0.00880	0.10000	0.00000	356773.25945	0.00880	0.5000
1761:	49	15	34	48	15	33	356914.96758	356914.98629	-0.01871	0.10000	0.00000			
1762:	50	23	28	49	23	27	357178.10463	357178.07784	0.02679	0.10000	0.00000	357178.07784	0.02679	0.5000
1763:	50	23	27	49	23	26	357178.10463	357178.07784	0.02679	0.10000	0.00000	357178.07784	0.02679	0.5000
1764:	47	11	36	46	11	35	357285.89906	357285.91721	-0.01815	0.10000	0.00000			
1765:	50	22	29	49	22	28	357640.43363	357640.43517	-0.00154	0.10000	0.00000	357640.43518	-0.00154	0.5000
1766:	50	22	28	49	22	27	357640.43363	357640.43518	-0.00155	0.10000	0.00000	357640.43518	-0.00155	0.5000
1767:	50	21	29	49	21	28	358173.64391	358173.64249	0.00142	0.10000	0.00000	358173.64246	0.00145	0.5000
1768:	50	21	30	49	21	29	358173.64391	358173.64242	0.00149	0.10000	0.00000	358173.64246	0.00145	0.5000

1769:	47	26	21	47	25	22	358338.18595	358338.23281	-0.04687	0.10000	0.00000	358338.23281	-0.04687	0.5000
1770:	47	26	22	47	25	23	358338.18595	358338.23281	-0.04687	0.10000	0.00000	358338.23281	-0.04687	0.5000
1771:	49	14	36	48	14	35	358541.17501	358541.16525	0.00976	0.10000	0.00000			
1772:	46	26	21	46	25	22	358602.92749	358602.87594	0.05155	0.10000	0.00000	358602.87594	0.05155	0.5000
1773:	46	26	20	46	25	21	358602.92749	358602.87594	0.05155	0.10000	0.00000	358602.87594	0.05155	0.5000
1774:	50	20	30	49	20	29	358795.50825	358795.51047	-0.00221	0.10000	0.00000	358795.50981	-0.00155	0.5000
1775:	50	20	31	49	20	30	358795.50825	358795.50915	-0.00089	0.10000	0.00000	358795.50981	-0.00155	0.5000
1776:	49	12	38	48	12	37	358943.17796	358943.16926	0.00869	0.10000	0.00000			
1777:	49	10	39	48	10	38	359330.39351	359330.37453	0.01898	0.10000	0.00000			
1778:	50	19	31	49	19	30	359530.59371	359530.60834	-0.01462	0.10000	0.00000	359530.59749	-0.00378	0.5000
1779:	50	19	32	49	19	31	359530.59371	359530.58664	0.00707	0.10000	0.00000	359530.59749	-0.00378	0.5000
1780:	49	14	35	48	14	34	359807.28888	359807.30764	-0.01876	0.10000	0.00000			
1781:	49	13	37	48	13	36	359814.50470	359814.52237	-0.01767	0.10000	0.00000			
1782:	50	18	33	49	18	32	360414.14850	360413.98472	0.16378	0.10000	0.00000	360414.13865	0.00985	0.5000
1783:	50	18	32	49	18	31	360414.14850	360414.29257	-0.14408	0.10000	0.00000	360414.13865	0.00985	0.5000
1784:	54	7	48	53	7	47	360559.15365	360559.13260	0.02105	0.10000	0.00000	360559.15181	0.00183	0.2500
1785:	54	6	48	53	6	47	360559.15365	360559.17102	-0.01738	0.10000	0.00000	360559.15181	0.00183	0.2500
1786:	54	7	48	53	6	47	360559.15365	360559.21685	-0.06320	0.10000	0.00000	360559.15181	0.00183	0.2500
1787:	54	6	48	53	7	47	360559.15365	360559.08678	0.06687	0.10000	0.00000	360559.15181	0.00183	0.2500
1788:	52	9	44	51	9	43	360616.87958	360616.68211	-0.00253	0.10000	0.00000			
1789:	52	8	44	51	8	43	360639.71350	360639.74976	-0.03626	0.10000	0.00000			
1790:	55	5	50	54	6	49	360747.87286	360747.88372	-0.01086	0.10000	0.00000	360747.88532	-0.01246	0.2500
1791:	55	6	50	54	6	49	360747.87286	360747.88483	-0.01197	0.10000	0.00000	360747.88532	-0.01246	0.2500
1792:	55	5	50	54	5	49	360747.87286	360747.88582	-0.01296	0.10000	0.00000	360747.88532	-0.01246	0.2500
1793:	55	6	50	54	5	49	360747.87286	360747.88693	-0.01406	0.10000	0.00000	360747.88532	-0.01246	0.2500
1794:	26	13	13	25	12	14	360831.91133	360831.91963	-0.00830	0.10000	0.00000	360831.90519	0.00614	0.5000
1795:	26	13	14	25	12	13	360831.91133	360831.89076	0.02057	0.10000	0.00000	360831.90519	0.00614	0.5000
1796:	56	4	52	55	4	51	361006.24261	361006.25050	-0.00789	0.10000	0.00000	361006.25049	-0.00788	0.2500
1797:	56	4	52	55	5	51	361006.24261	361006.25046	-0.00785	0.10000	0.00000	361006.25049	-0.00788	0.2500
1798:	56	5	52	55	5	51	361006.24261	361006.25048	-0.00787	0.10000	0.00000	361006.25049	-0.00788	0.2500
1799:	56	5	52	55	4	51	361006.24261	361006.25052	-0.00791	0.10000	0.00000	361006.25049	-0.00788	0.2500
1800:	51	38	14	50	38	13	361017.15862	361017.31075	-0.15213	0.10000	0.00000	361017.31075	-0.15213	0.5000
1801:	51	38	13	50	38	12	361017.15862	361017.31075	-0.15213	0.10000	0.00000	361017.31075	-0.15213	0.5000
1802:	51	10	42	50	10	41	361018.74076	361018.73201	0.00875	0.10000	0.00000			
1803:	51	37	15	50	37	14	361144.03847	361144.01117	0.02730	0.10000	0.00000	361144.01117	0.02730	0.5000
1804:	51	37	14	50	37	13	361144.03847	361144.01117	0.02730	0.10000	0.00000	361144.01117	0.02730	0.5000
1805:	24	14	10	23	13	11	361180.75023	361180.72827	0.02196	0.10000	0.00000	361180.72823	0.02200	0.5000
1806:	24	14	11	23	13	10	361180.75023	361180.72818	0.02204	0.10000	0.00000	361180.72823	0.02200	0.5000
1807:	50	11	40	49	11	39	361209.92808	361210.07214	-0.14405	0.10000	0.00000			
1808:	51	36	15	50	36	14	361278.12638	361278.17952	-0.05314	0.10000	0.00000	361278.17952	-0.05314	0.5000
1809:	51	36	16	50	36	15	361278.12638	361278.17952	-0.05314	0.10000	0.00000	361278.17952	-0.05314	0.5000
1810:	57	3	54	56	4	53	361306.24869	361306.24852	0.00017	0.10000	0.00000	361306.24852	0.00016	0.2500
1811:	57	4	54	56	3	53	361306.24869	361306.24852	0.00016	0.10000	0.00000	361306.24852	0.00016	0.2500
1812:	57	4	54	56	4	53	361306.24869	361306.24852	0.00016	0.10000	0.00000	361306.24852	0.00016	0.2500
1813:	57	3	54	56	3	53	361306.24869	361306.24852	0.00016	0.10000	0.00000	361306.24852	0.00016	0.2500
1814:	22	15	7	21	14	8	361335.70793	361335.73248	-0.00245	0.10000	0.00000	361335.73248	-0.02455	0.5000
1815:	22	15	8	21	14	7	361335.70793	361335.73248	-0.00245	0.10000	0.00000	361335.73248	-0.02455	0.5000
1816:	51	9	42	50	9	41	361358.39227	361358.44076	-0.04849	0.10000	0.00000			
1817:	20	16	5	19	15	4	361402.94000	361402.88106	0.05894	0.10000	0.00000	361402.88106	0.05894	0.5000

1818:	20	16	4	19	15	5	361402.94000	361402.88106	0.05894	0.10000	0.00000	361402.88106	0.05894	0.5000
1819:	51	35	17	50	35	16	361420.70501	361420.79622	-0.09121	0.10000	0.00000	361420.79622	-0.09121	0.5000
1820:	51	35	16	50	35	15	361420.70501	361420.79622	-0.09121	0.10000	0.00000	361420.79622	-0.09121	0.5000
1821:	18	17	1	17	16	1	361434.16814	361434.09030	0.07784	0.10000	0.00000	361434.09030	0.07784	0.5000
1822:	18	17	2	17	16	1	361434.16814	361434.09030	0.07784	0.10000	0.00000	361434.09030	0.07784	0.5000
1823:	50	17	34	49	17	33	361497.64266	361497.62912	0.01354	0.10000	0.00000			
1824:	50	17	33	49	17	32	361501.29954	361501.35690	-0.05737	0.10000	0.00000			
1825:	58	2	56	57	2	55	361630.67775	361630.64211	0.03565	0.10000	0.00000	361630.64211	0.03565	0.2500
1826:	58	2	56	57	3	55	361630.67775	361630.64211	0.03565	0.10000	0.00000	361630.64211	0.03565	0.2500
1827:	58	3	56	57	2	55	361630.67775	361630.64211	0.03565	0.10000	0.00000	361630.64211	0.03565	0.2500
1828:	58	3	56	57	3	55	361630.67775	361630.64211	0.03565	0.10000	0.00000	361630.64211	0.03565	0.2500
1829:	51	33	19	50	33	18	361736.02055	361736.08295	-0.06240	0.10000	0.00000	361736.08295	-0.06240	0.5000
1830:	51	33	18	50	33	17	361736.02055	361736.08295	-0.06240	0.10000	0.00000	361736.08295	-0.06240	0.5000
1831:	51	32	20	50	32	19	361911.62412	361911.59672	0.02740	0.10000	0.00000	361911.59672	0.02740	0.5000
1832:	51	32	19	50	32	18	361911.62412	361911.59672	0.02740	0.10000	0.00000	361911.59672	0.02740	0.5000
1833:	59	1	58	58	1	57	361968.36131	361968.35637	0.00494	0.10000	0.00000	361968.35637	0.00494	0.2500
1834:	59	1	58	58	2	57	361968.36131	361968.35637	0.00494	0.10000	0.00000	361968.35637	0.00494	0.2500
1835:	59	2	58	58	1	57	361968.36131	361968.35637	0.00494	0.10000	0.00000	361968.35637	0.00494	0.2500
1836:	59	2	58	58	2	57	361968.36131	361968.35637	0.00494	0.10000	0.00000	361968.35637	0.00494	0.2500
1837:	51	31	21	50	31	20	362101.32344	362101.32943	-0.00599	0.10000	0.00000	362101.32943	-0.00599	0.5000
1838:	51	31	20	50	31	19	362101.32344	362101.32943	-0.00599	0.10000	0.00000	362101.32943	-0.00599	0.5000
1839:	51	30	22	50	30	21	362307.46330	362307.39894	0.06437	0.10000	0.00000	362307.39894	0.06437	0.5000
1840:	51	30	21	50	30	20	362307.46330	362307.39894	0.06437	0.10000	0.00000	362307.39894	0.06437	0.5000
1841:	60	0	60	59	0	59	362312.07413	362312.05989	0.01424	0.10000	0.00000	362312.05989	0.01424	0.2500
1842:	60	0	60	59	1	59	362312.07413	362312.05989	0.01424	0.10000	0.00000	362312.05989	0.01424	0.2500
1843:	60	1	60	59	0	59	362312.07413	362312.05989	0.01424	0.10000	0.00000	362312.05989	0.01424	0.2500
1844:	60	1	60	59	1	59	362312.07413	362312.05989	0.01424	0.10000	0.00000	362312.05989	0.01424	0.2500
1845:	51	29	23	50	29	22	362532.31155	362532.32083	-0.00928	0.10000	0.00000	362532.32083	-0.00928	0.5000
1846:	51	29	22	50	29	21	362532.31155	362532.32083	-0.00928	0.10000	0.00000	362532.32083	-0.00928	0.5000
1847:	51	28	23	50	28	22	362779.10969	362779.10553	0.00416	0.10000	0.00000	362779.10553	0.00416	0.5000
1848:	51	28	24	50	28	23	362779.10969	362779.10553	0.00416	0.10000	0.00000	362779.10553	0.00416	0.5000
1849:	50	16	35	49	16	34	362855.32807	362855.30289	0.02518	0.10000	0.00000			
1850:	50	16	34	49	16	33	362893.09335	362893.11595	-0.02261	0.10000	0.00000			
1851:	51	27	25	50	27	24	363051.39767	363051.38571	0.01196	0.10000	0.00000	363051.38571	0.01196	0.5000
1852:	51	27	24	50	27	23	363051.39767	363051.38571	0.01196	0.10000	0.00000	363051.38571	0.01196	0.5000
1853:	51	26	25	50	26	24	363353.59646	363353.58615	0.01032	0.10000	0.00000	363353.58615	0.01032	0.5000
1854:	51	26	26	50	26	25	363353.59646	363353.58615	0.01032	0.10000	0.00000	363353.58615	0.01032	0.5000
1855:	48	12	36	47	12	35	363606.35318	363606.36081	-0.00763	0.10000	0.00000			
1856:	51	25	27	50	25	26	363691.31856	363691.15406	0.16450	0.10000	0.00000	363691.15406	0.16450	0.5000
1857:	51	25	26	50	25	25	363691.31856	363691.15406	0.16450	0.10000	0.00000	363691.15406	0.16450	0.5000
1858:	48	11	37	47	11	36	363948.77499	363948.77485	0.00015	0.10000	0.00000			
1859:	51	24	27	50	24	26	364070.86562	364070.87792	-0.01230	0.10000	0.00000	364070.87792	-0.01230	0.5000
1860:	51	24	28	50	24	27	364070.86562	364070.87792	-0.01230	0.10000	0.00000	364070.87792	-0.01230	0.5000
1861:	50	10	40	49	10	39	364295.72885	364295.70372	0.02513	0.10000	0.00000			
1862:	51	23	29	50	23	28	364501.36650	364501.33924	0.02726	0.10000	0.00000	364501.33924	0.02726	0.5000
1863:	51	23	28	50	23	27	364501.36650	364501.33924	0.02726	0.10000	0.00000	364501.33924	0.02726	0.5000
1864:	50	15	36	49	15	35	364546.34806	364546.29947	0.04859	0.10000	0.00000			
1865:	50	15	35	49	15	34	364858.02915	364857.96236	0.06679	0.10000	0.00000			
1866:	51	22	29	50	22	28	364993.50730	364993.57122	-0.06392	0.10000	0.00000	364993.57122	-0.06392	0.5000

1867:	51	22	30	50	22	29	364993.50730	364993.57121	-0.06391	0.10000	0.00000	364993.57122	-0.06391	0.5000
1868:	51	21	30	50	21	29	365562.08311	365562.05204	0.03107	0.10000	0.00000	365562.05195	0.03116	0.5000
1869:	51	21	31	50	21	30	365562.08311	365562.05187	0.03124	0.10000	0.00000	365562.05195	0.03116	0.5000
1870:	49	13	36	48	13	35	365638.31499	365638.30918	0.00580	0.10000	0.00000			
1871:	50	12	39	49	12	38	365724.65313	365724.61755	0.03558	0.10000	0.00000			
1872:	51	20	31	50	20	30	366226.26438	366226.26780	-0.00341	0.10000	0.00000	366226.26635	-0.00196	0.5000
1873:	51	20	32	50	20	31	366226.26438	366226.26490	-0.00051	0.10000	0.00000	366226.26635	-0.00196	0.5000
1874:	50	14	37	49	14	36	366370.41030	366370.28575	0.12455	0.10000	0.00000			
1875:	54	7	47	53	7	46	366432.59086	366432.91175	-0.32089	0.10000	0.00000	366432.59965	-0.00879	0.5000
1876:	54	8	47	53	8	46	366432.59086	366432.28755	0.30331	0.10000	0.00000	366432.59965	-0.00879	0.5000
1877:	55	6	49	54	7	48	366520.84125	366520.79822	0.04303	0.10000	0.00000	366520.82177	0.01947	0.3333
1878:	55	7	49	54	7	48	366520.84125	366520.82305	0.01820	0.10000	0.00000	366520.82177	0.01947	0.3333
1879:	55	6	49	54	6	48	366520.84125	366520.84404	-0.00280	0.10000	0.00000	366520.82177	0.01947	0.3333
1880:	53	9	45	52	9	44	366528.93776	366529.00597	-0.06821	0.10000	0.00000			
1881:	53	8	45	52	8	44	366542.70666	366542.68774	0.01892	0.10000	0.00000			
1882:	56	5	51	55	6	50	366718.45699	366718.46869	-0.01171	0.10000	0.00000	366718.46954	-0.01255	0.2500
1883:	56	6	51	55	6	50	366718.45699	366718.46928	-0.01229	0.10000	0.00000	366718.46954	-0.01255	0.2500
1884:	56	5	51	55	5	50	366718.45699	366718.46980	-0.01281	0.10000	0.00000	366718.46954	-0.01255	0.2500
1885:	56	6	51	55	5	50	366718.45699	366718.47038	-0.01340	0.10000	0.00000	366718.46954	-0.01255	0.2500
1886:	52	10	43	51	10	42	366902.09190	366902.07754	0.01436	0.10000	0.00000			
1887:	57	4	53	56	4	52	366981.34831	366981.39272	-0.04441	0.10000	0.00000	366981.39271	-0.04441	0.2500
1888:	57	4	53	56	5	52	366981.34831	366981.39270	-0.04439	0.10000	0.00000	366981.39271	-0.04441	0.2500
1889:	57	5	53	56	4	52	366981.34831	366981.39273	-0.04442	0.10000	0.00000	366981.39271	-0.04441	0.2500
1890:	57	5	53	56	5	52	366981.34831	366981.39271	-0.04440	0.10000	0.00000	366981.39271	-0.04441	0.2500
1891:	51	19	32	50	19	31	367013.28480	367013.31759	-0.03280	0.10000	0.00000	367013.29499	-0.01020	0.5000
1892:	51	19	33	50	19	32	367013.28480	367013.27239	0.01240	0.10000	0.00000	367013.29499	-0.01020	0.5000
1893:	52	9	43	51	9	42	367116.06959	367116.06719	0.00240	0.10000	0.00000			
1894:	51	11	41	50	11	40	367265.37868	367265.41089	-0.03221	0.10000	0.00000			
1895:	58	3	55	57	3	54	367283.66368	367283.66759	-0.00391	0.10000	0.00000	367283.66759	-0.00391	0.2500
1896:	58	3	55	57	4	54	367283.66368	367283.66759	-0.00391	0.10000	0.00000	367283.66759	-0.00391	0.2500
1897:	58	4	55	57	3	54	367283.66368	367283.66759	-0.00391	0.10000	0.00000	367283.66759	-0.00391	0.2500
1898:	58	4	55	57	4	54	367283.66368	367283.66759	-0.00391	0.10000	0.00000	367283.66759	-0.00391	0.2500
1899:	50	13	38	49	13	37	367307.82181	367307.75735	0.06446	0.10000	0.00000			
1900:	59	2	57	58	3	56	367609.14079	367609.13165	0.00914	0.10000	0.00000	367609.13165	0.00914	0.2500
1901:	59	3	57	58	2	56	367609.14079	367609.13165	0.00914	0.10000	0.00000	367609.13165	0.00914	0.2500
1902:	59	3	57	58	3	56	367609.14079	367609.13165	0.00914	0.10000	0.00000	367609.13165	0.00914	0.2500
1903:	59	2	57	58	2	56	367609.14079	367609.13165	0.00914	0.10000	0.00000	367609.13165	0.00914	0.2500
1904:	52	42	10	51	42	9	367681.23987	367681.22271	0.01716	0.10000	0.00000	367681.22271	0.01716	0.5000
1905:	52	42	11	51	42	10	367681.23987	367681.22271	0.01716	0.10000	0.00000	367681.22271	0.01716	0.5000
1906:	27	13	15	26	12	14	367763.88102	367763.92857	-0.04755	0.10000	0.00000			
1907:	52	40	13	51	40	12	367904.76188	367904.80849	-0.04661	0.10000	0.00000	367904.80849	-0.04661	0.5000
1908:	52	40	12	51	40	11	367904.76188	367904.80849	-0.04661	0.10000	0.00000	367904.80849	-0.04661	0.5000
1909:	60	1	59	59	1	58	367947.30135	367947.29976	0.00159	0.10000	0.00000	367947.29976	0.00159	0.2500
1910:	60	1	59	59	2	58	367947.30135	367947.29976	0.00159	0.10000	0.00000	367947.29976	0.00159	0.2500
1911:	60	2	59	59	1	58	367947.30135	367947.29976	0.00159	0.10000	0.00000	367947.29976	0.00159	0.2500
1912:	60	2	59	59	2	58	367947.30135	367947.29976	0.00159	0.10000	0.00000	367947.29976	0.00159	0.2500
1913:	52	39	14	51	39	13	368024.61040	368024.64504	-0.03465	0.10000	0.00000	368024.64504	-0.03465	0.5000
1914:	52	39	13	51	39	12	368024.61040	368024.64504	-0.03465	0.10000	0.00000	368024.64504	-0.03465	0.5000
1915:	52	38	15	51	38	14	368150.71574	368150.74199	-0.02624	0.10000	0.00000	368150.74199	-0.02624	0.5000

1916:	52	38	14	51	38	13	368150.71574	368150.74199	-0.02624	0.10000	0.00000	368150.74199	-0.02624	0.5000
1917:	25	14	11	24	13	12	368188.69150	368188.58848	0.10302	0.10000	0.00000	368188.58833	0.10317	0.5000
1918:	25	14	12	24	13	11	368188.69150	368188.58819	0.10331	0.10000	0.00000	368188.58833	0.10317	0.5000
1919:	52	37	16	51	37	15	368283.89845	368283.89107	0.00738	0.10000	0.00000	368283.89107	0.00738	0.5000
1920:	52	37	15	51	37	14	368283.89845	368283.89107	0.00738	0.10000	0.00000	368283.89107	0.00738	0.5000
1921:	61	0	61	60	0	60	368291.17183	368291.17414	-0.00232	0.10000	0.00000	368291.17414	-0.00232	0.2500
1922:	61	0	61	60	1	60	368291.17183	368291.17414	-0.00232	0.10000	0.00000	368291.17414	-0.00232	0.2500
1923:	61	1	61	60	0	60	368291.17183	368291.17414	-0.00232	0.10000	0.00000	368291.17414	-0.00232	0.2500
1924:	61	1	61	60	1	60	368291.17183	368291.17414	-0.00232	0.10000	0.00000	368291.17414	-0.00232	0.2500
1925:	50	14	36	49	14	35	368327.10999	368327.11133	-0.00134	0.10000	0.00000			
1926:	23	15	9	22	14	8	368381.76462	368381.75846	0.00616	0.10000	0.00000	368381.75846	0.00616	0.5000
1927:	23	15	8	22	14	9	368381.76462	368381.75847	0.00616	0.10000	0.00000	368381.75846	0.00616	0.5000
1928:	21	16	6	20	15	5	368467.13087	368467.09289	0.03798	0.10000	0.00000	368467.09289	0.03798	0.5000
1929:	21	16	5	20	15	6	368467.13087	368467.09289	0.03798	0.10000	0.00000	368467.09289	0.03798	0.5000
1930:	19	17	3	18	16	2	368505.65840	368505.61457	0.04384	0.10000	0.00000	368505.61457	0.04384	0.5000
1931:	19	17	2	18	16	3	368505.65840	368505.61457	0.04384	0.10000	0.00000	368505.61457	0.04384	0.5000
1932:	52	35	17	51	35	16	368575.09271	368575.10724	-0.01453	0.10000	0.00000	368575.10724	-0.01453	0.5000
1933:	52	35	18	51	35	17	368575.09271	368575.10724	-0.01453	0.10000	0.00000	368575.10724	-0.01453	0.5000
1934:	52	34	19	51	34	18	368735.38129	368735.42017	-0.03888	0.10000	0.00000	368735.42017	-0.03888	0.5000
1935:	52	34	18	51	34	17	368735.38129	368735.42017	-0.03888	0.10000	0.00000	368735.42017	-0.03888	0.5000
1936:	52	33	20	51	33	19	368907.26114	368907.33444	-0.07329	0.10000	0.00000	368907.33444	-0.07329	0.5000
1937:	52	33	19	51	33	18	368907.26114	368907.33444	-0.07329	0.10000	0.00000	368907.33444	-0.07329	0.5000
1938:	52	32	20	51	32	19	369092.45503	369092.47975	-0.02472	0.10000	0.00000	369092.47975	-0.02472	0.5000
1939:	52	32	21	51	32	20	369092.45503	369092.47975	-0.02472	0.10000	0.00000	369092.47975	-0.02472	0.5000
1940:	51	17	35	50	17	34	369130.54166	369130.55672	-0.01506	0.10000	0.00000			
1941:	51	17	34	50	17	33	369137.54323	369137.52999	0.01324	0.10000	0.00000			
1942:	52	31	22	51	31	21	369292.77379	369292.76835	0.00544	0.10000	0.00000	369292.76835	0.00544	0.5000
1943:	52	31	21	51	31	20	369292.77379	369292.76835	0.00544	0.10000	0.00000	369292.76835	0.00544	0.5000
1944:	51	10	41	50	10	40	369423.94375	369423.93849	0.00526	0.10000	0.00000			
1945:	52	30	22	51	30	21	369510.44027	369510.45806	-0.01779	0.10000	0.00000	369510.45806	-0.01779	0.5000
1946:	52	30	23	51	30	22	369510.44027	369510.45806	-0.01779	0.10000	0.00000	369510.45806	-0.01779	0.5000
1947:	52	29	24	51	29	23	369748.23419	369748.23321	0.00098	0.10000	0.00000	369748.23321	0.00098	0.5000
1948:	52	29	23	51	29	22	369748.23419	369748.23321	0.00098	0.10000	0.00000	369748.23321	0.00098	0.5000
1949:	49	11	38	48	11	37	369942.45503	369942.39915	0.05587	0.10000	0.00000			
1950:	52	28	24	51	28	23	370009.30641	370009.30959	-0.00318	0.10000	0.00000	370009.30959	-0.00318	0.5000
1951:	52	28	25	51	28	24	370009.30641	370009.30959	-0.00318	0.10000	0.00000	370009.30959	-0.00318	0.5000
1952:	52	27	26	51	27	25	370297.58109	370297.57278	0.00831	0.10000	0.00000	370297.57278	0.00831	0.5000
1953:	52	27	25	51	27	24	370297.58109	370297.57278	0.00831	0.10000	0.00000	370297.57278	0.00831	0.5000
1954:	52	10	42	51	11	41	370517.85897	370517.85651	0.20246	0.10000	0.00000			
1955:	51	16	36	50	16	35	370596.57712	370596.55675	0.02036	0.10000	0.00000			
1956:	52	26	27	51	26	25	370617.75615	370617.76305	-0.00690	0.10000	0.00000	370617.76305	-0.00690	0.5000
1957:	52	26	27	51	26	26	370617.75615	370617.76305	-0.00690	0.10000	0.00000	370617.76305	-0.00690	0.5000
1958:	51	16	35	50	16	34	370663.26106	370663.24294	0.01812	0.10000	0.00000			
1959:	52	25	28	51	25	27	370975.74714	370975.72722	0.01991	0.10000	0.00000	370975.72722	0.01991	0.5000
1960:	52	25	27	51	25	26	370975.74714	370975.72722	0.01991	0.10000	0.00000	370975.72722	0.01991	0.5000
1961:	52	24	28	51	24	27	371378.75829	371378.76902	-0.01073	0.10000	0.00000	371378.76902	-0.01073	0.5000
1962:	52	24	29	51	24	28	371378.75829	371378.76902	-0.01073	0.10000	0.00000	371378.76902	-0.01073	0.5000
1963:	52	23	30	51	23	29	371836.16144	371836.14862	0.01282	0.10000	0.00000	371836.14862	0.01282	0.5000
1964:	52	23	29	51	23	28	371836.16144	371836.14862	0.01282	0.10000	0.00000	371836.14862	0.01282	0.5000

1965:	52	22	31	51	22	30	372359.75427	372359.81624	-0.06197	0.10000	0.00000	372359.81625	-0.06198	0.5000
1966:	52	22	30	51	22	29	372359.75427	372359.81626	-0.06199	0.10000	0.00000	372359.81625	-0.06198	0.5000
1967:	55	8	48	54	8	47	372378.98379	372378.80785	0.17594	0.10000	0.00000	372379.19056	-0.20677	0.3333
1968:	55	7	48	54	7	47	372378.98379	372379.15984	-0.17605	0.10000	0.00000	372379.19056	-0.20677	0.3333
1969:	55	8	48	54	7	47	372378.98379	372379.60398	-0.62020	0.10000	0.00000	372379.19056	-0.20677	0.3333
1970:	51	15	37	50	15	36	372391.85338	372391.93975	-0.08637	0.10000	0.00000			
1971:	54	9	46	53	9	45	372445.81637	372445.81783	-0.00146	0.10000	0.00000			
1972:	54	8	46	53	8	45	372453.71684	372453.87158	-0.15474	0.10000	0.00000			
1973:	56	6	50	55	7	49	372483.14755	372483.12813	0.01941	0.10000	0.00000	372483.14088	0.00667	0.3333
1974:	56	7	50	55	7	49	372483.14755	372483.14154	0.00601	0.10000	0.00000	372483.14088	0.00667	0.3333
1975:	56	6	50	55	6	49	372483.14755	372483.15296	-0.00542	0.10000	0.00000	372483.14088	0.00667	0.3333
1976:	57	6	52	56	6	51	372688.98123	372688.98055	0.00068	0.10000	0.00000	372688.98069	0.00054	0.2500
1977:	57	5	52	56	5	51	372688.98123	372688.98083	0.00040	0.10000	0.00000	372688.98069	0.00054	0.2500
1978:	57	6	52	56	6	51	372688.98123	372688.98113	0.00010	0.10000	0.00000	372688.98069	0.00054	0.2500
1979:	57	5	52	56	6	51	372688.98123	372688.98025	0.00098	0.10000	0.00000	372688.98069	0.00054	0.2500
1980:	53	10	44	52	10	43	372782.34335	372782.37527	-0.03192	0.10000	0.00000			
1981:	51	15	36	50	15	35	372905.54869	372905.55365	-0.00496	0.10000	0.00000			
1982:	53	9	44	52	9	43	372915.55302	372915.58621	-0.03319	0.10000	0.00000			
1983:	58	4	54	57	4	53	372956.14004	372956.14572	-0.00568	0.10000	0.00000	372956.14572	-0.00568	0.2500
1984:	58	4	54	57	5	53	372956.14004	372956.14571	-0.00567	0.10000	0.00000	372956.14572	-0.00568	0.2500
1985:	58	5	54	57	4	53	372956.14004	372956.14573	-0.00569	0.10000	0.00000	372956.14572	-0.00568	0.2500
1986:	58	5	54	57	5	53	372956.14004	372956.14572	-0.00568	0.10000	0.00000	372956.14572	-0.00568	0.2500
1987:	52	21	31	51	21	30	372965.54169	372965.52898	0.01271	0.10000	0.00000	372965.52880	0.01290	0.5000
1988:	52	21	32	51	21	31	372965.54169	372965.52861	0.01308	0.10000	0.00000	372965.52880	0.01290	0.5000
1989:	53	10	44	52	9	43	373122.21066	373122.17690	0.03376	0.10000	0.00000			
1990:	52	11	42	51	11	41	373248.07644	373248.08069	-0.00425	0.10000	0.00000			
1991:	59	3	56	58	3	55	373260.61571	373260.55858	0.05713	0.10000	0.00000	373260.55858	0.05713	0.2500
1992:	59	3	56	58	4	55	373260.61571	373260.55858	0.05713	0.10000	0.00000	373260.55858	0.05713	0.2500
1993:	59	4	56	58	3	55	373260.61571	373260.55858	0.05713	0.10000	0.00000	373260.55858	0.05713	0.2500
1994:	59	4	56	58	4	55	373260.61571	373260.55858	0.05713	0.10000	0.00000	373260.55858	0.05713	0.2500
1995:	44	27	18	44	26	19	373482.44136	373482.54339	-0.10203	0.10000	0.00000	373482.54339	-0.10203	0.5000
1996:	44	27	17	44	26	18	373482.44136	373482.54339	-0.10203	0.10000	0.00000	373482.54339	-0.10203	0.5000
1997:	60	2	58	59	3	57	373587.03530	373587.03690	-0.00161	0.10000	0.00000	373587.03690	-0.00161	0.2500
1998:	60	3	58	59	2	57	373587.03530	373587.03690	-0.00161	0.10000	0.00000	373587.03690	-0.00161	0.2500
1999:	60	3	58	59	3	57	373587.03530	373587.03690	-0.00161	0.10000	0.00000	373587.03690	-0.00161	0.2500
2000:	60	2	58	59	2	57	373587.03530	373587.03690	-0.00161	0.10000	0.00000	373587.03690	-0.00161	0.2500
2001:	52	20	32	51	20	31	373674.63655	373674.62921	0.00734	0.10000	0.00000	373674.62609	0.01046	0.5000
2002:	52	20	33	51	20	32	373674.63655	373674.62297	0.01357	0.10000	0.00000	373674.62609	0.01046	0.5000
2003:	61	1	60	60	1	59	373925.65010	373925.64010	0.01000	0.10000	0.00000	373925.64010	0.01000	0.2500
2004:	61	1	60	60	2	59	373925.65010	373925.64010	0.01000	0.10000	0.00000	373925.64010	0.01000	0.2500
2005:	61	2	60	60	1	59	373925.65010	373925.64010	0.01000	0.10000	0.00000	373925.64010	0.01000	0.2500
2006:	61	2	60	60	2	59	373925.65010	373925.64010	0.01000	0.10000	0.00000	373925.64010	0.01000	0.2500
2007:	51	14	38	50	14	37	374167.35548	374167.32670	0.02877	0.10000	0.00000	373925.64010	0.01000	0.2500
2008:	62	0	62	61	1	61	374269.68903	374269.68169	0.00733	0.10000	0.00000	374269.68169	0.00733	0.2500
2009:	62	1	62	61	0	61	374269.68903	374269.68169	0.00733	0.10000	0.00000	374269.68169	0.00733	0.2500
2010:	62	1	62	61	1	61	374269.68903	374269.68169	0.00733	0.10000	0.00000	374269.68169	0.00733	0.2500
2011:	62	0	62	61	0	61	374269.68903	374269.68169	0.00733	0.10000	0.00000	374269.68169	0.00733	0.2500
2012:	52	19	33	51	19	32	374517.03399	374517.06595	-0.03196	0.10000	0.00000			
2013:	51	13	39	50	13	38	374656.57840	374656.54456	0.03384	0.10000	0.00000			

2014:	28	13	15	27	12	16	374668.64729	374668.76543	-0.11814	0.10000	0.00000	374668.66621	-0.01892	0.5000
2015:	28	13	16	27	12	15	374668.64729	374668.56700	0.08029	0.10000	0.00000	374668.66621	-0.01892	0.5000
2016:	52	10	42	51	10	41	374719.05121	374718.90249	0.14872	0.10000	0.00000			
2017:	53	40	13	52	40	12	375029.23070	375029.38315	-0.15245	0.10000	0.00000	375029.38315	-0.15245	0.5000
2018:	53	40	14	52	40	13	375029.23070	375029.38315	-0.15245	0.10000	0.00000	375029.38315	-0.15245	0.5000
2019:	50	13	37	49	13	36	375089.57452	375089.57837	-0.00385	0.10000	0.00000			
2020:	53	39	15	52	39	14	375155.10989	375155.04082	0.06907	0.10000	0.00000	375155.04082	0.06907	0.5000
2021:	53	39	14	52	39	13	375155.10989	375155.04082	0.06907	0.10000	0.00000	375155.04082	0.06907	0.5000
2022:	26	14	12	25	13	13	375181.17855	375181.18079	-0.00224	0.10000	0.00000	375181.18033	-0.00178	0.5000
2023:	26	14	13	25	13	12	375181.17855	375181.17987	-0.00132	0.10000	0.00000	375181.18033	-0.00178	0.5000
2024:	53	38	15	52	38	14	375287.33907	375287.36668	-0.02761	0.10000	0.00000	375287.36668	-0.02761	0.5000
2025:	53	38	16	52	38	15	375287.33907	375287.36668	-0.02761	0.10000	0.00000	375287.36668	-0.02761	0.5000
2026:	50	11	39	49	11	38	375357.71453	375357.74316	-0.02863	0.10000	0.00000			
2027:	24	15	10	23	14	9	375419.37411	375419.36593	0.00817	0.10000	0.00000	375419.36593	0.00817	0.5000
2028:	24	15	9	23	14	10	375419.37411	375419.36593	0.00817	0.10000	0.00000	375419.36593	0.00817	0.5000
2029:	53	37	16	52	37	15	375427.20168	375427.20100	0.00067	0.10000	0.00000	375427.20100	0.00067	0.5000
2030:	53	37	17	52	37	16	375427.20168	375427.20100	0.00067	0.10000	0.00000	375427.20100	0.00067	0.5000
2031:	22	16	7	21	15	6	375526.95233	375526.96803	-0.01571	0.10000	0.00000	375526.96803	-0.01571	0.5000
2032:	22	16	6	21	15	7	375526.95233	375526.96803	-0.01571	0.10000	0.00000	375526.96803	-0.01571	0.5000
2033:	52	18	35	51	18	34	375535.93798	375535.01719	-0.07921	0.10000	0.00000			
2034:	52	18	34	51	18	33	375537.28536	375537.19769	0.08767	0.10000	0.00000			
2035:	20	17	3	19	16	4	375575.45523	375575.26390	0.19132	0.10000	0.00000	375575.38503	0.07019	0.2500
2036:	20	17	4	19	16	3	375575.45523	375575.26390	0.19132	0.10000	0.00000	375575.38503	0.07019	0.2500
2037:	53	36	17	52	36	16	375575.45523	375575.50616	-0.05094	0.10000	0.00000	375575.38503	0.07019	0.2500
2038:	53	36	18	52	36	17	375575.45523	375575.50616	-0.05094	0.10000	0.00000	375575.38503	0.07019	0.2500
2039:	18	18	1	17	17	0	375600.33448	375600.31476	0.01973	0.10000	0.00000	375600.31476	0.01973	0.5000
2040:	18	18	0	17	17	1	375600.33448	375600.31476	0.01973	0.10000	0.00000	375600.31476	0.01973	0.5000
2041:	53	35	19	52	35	18	375733.31335	375733.38903	-0.07567	0.10000	0.00000	375733.38903	-0.07567	0.5000
2042:	53	35	18	52	35	17	375733.31335	375733.38903	-0.07567	0.10000	0.00000	375733.38903	-0.07567	0.5000
2043:	53	34	19	52	34	18	375902.06190	375902.12853	-0.06663	0.10000	0.00000	375902.12853	-0.06663	0.5000
2044:	53	34	20	52	34	19	375902.06190	375902.12853	-0.06663	0.10000	0.00000	375902.12853	-0.06663	0.5000
2045:	53	33	21	52	33	20	376083.15188	376083.20969	-0.05781	0.10000	0.00000	376083.20969	-0.05781	0.5000
2046:	53	33	20	52	33	19	376083.15188	376083.20969	-0.05781	0.10000	0.00000	376083.20969	-0.05781	0.5000
2047:	53	32	22	52	32	21	376278.33034	376278.36605	-0.03570	0.10000	0.00000	376278.36605	-0.03570	0.5000
2048:	53	32	21	52	32	20	376278.33034	376278.36605	-0.03570	0.10000	0.00000	376278.36605	-0.03570	0.5000
2049:	53	31	22	52	31	21	376489.61767	376489.63312	-0.01545	0.10000	0.00000	376489.63312	-0.01545	0.5000
2050:	53	31	23	52	31	22	376489.61767	376489.63312	-0.01545	0.10000	0.00000	376489.63312	-0.01545	0.5000
2051:	53	30	24	52	30	23	376719.39088	376719.41625	-0.02537	0.10000	0.00000	376719.41625	-0.02537	0.5000
2052:	53	30	23	52	30	22	376719.39088	376719.41625	-0.02537	0.10000	0.00000	376719.41625	-0.02537	0.5000
2053:	52	17	36	51	17	35	376795.72676	376795.73881	-0.01205	0.10000	0.00000			
2054:	52	17	35	51	17	34	376808.52131	376808.54884	-0.02753	0.10000	0.00000			
2055:	53	29	24	52	29	23	376970.58288	376970.57788	0.00500	0.10000	0.00000	376970.57788	0.00500	0.5000
2056:	53	29	25	52	29	24	376970.58288	376970.57788	0.00500	0.10000	0.00000	376970.57788	0.00500	0.5000
2057:	51	14	37	50	14	36	377103.42230	377103.41175	0.01055	0.10000	0.00000			
2058:	53	28	26	52	28	25	377246.53456	377246.55122	-0.01666	0.10000	0.00000	377246.55122	-0.01666	0.5000
2059:	53	28	25	52	28	24	377246.53456	377246.55122	-0.01666	0.10000	0.00000	377246.55122	-0.01666	0.5000
2060:	53	27	26	52	27	25	377551.48125	377551.49023	-0.00898	0.10000	0.00000	377551.49023	-0.00898	0.5000
2061:	53	27	27	52	27	26	377551.48125	377551.49023	-0.00898	0.10000	0.00000	377551.49023	-0.00898	0.5000
2062:	53	26	28	52	26	27	377890.48832	377890.47115	0.01716	0.10000	0.00000	377890.47115	0.01716	0.5000

2063:	53	26	27	52	26	26	377890.48832	377890.47115	0.01716	0.10000	0.00000	377890.47115	0.01716	0.5000
2064:	53	25	29	52	25	28	378269.88291	378269.76803	0.11489	0.10000	0.00000	378269.76803	0.11489	0.5000
2065:	53	25	28	52	25	27	378269.88291	378269.76803	0.11489	0.10000	0.00000	378269.76803	0.11489	0.5000
2066:	56	7	49	55	8	48	378326.93149	378326.93946	-0.00797	0.10000	0.00000	378327.28486	-0.35338	0.2500
2067:	56	8	49	55	8	48	378326.93149	378327.18612	-0.25464	0.10000	0.00000	378327.28486	-0.35338	0.2500
2068:	56	7	49	55	7	48	378326.93149	378327.38360	-0.45212	0.10000	0.00000	378327.28486	-0.35338	0.2500
2069:	56	8	49	55	7	48	378326.93149	378327.63027	-0.69878	0.10000	0.00000	378327.28486	-0.35338	0.2500
2070:	55	9	47	54	9	46	378366.81664	378366.88638	-0.06974	0.10000	0.00000			
2071:	55	8	47	54	8	46	378371.51349	378371.59396	-0.08046	0.10000	0.00000			
2072:	52	16	37	51	16	36	378375.10939	378375.05863	0.05076	0.10000	0.00000			
2073:	57	6	51	56	7	50	378445.99816	378445.94877	0.04939	0.10000	0.00000	378445.95908	0.03908	0.2500
2074:	57	7	51	56	7	50	378445.99816	378445.95598	0.04218	0.10000	0.00000	378445.95908	0.03908	0.2500
2075:	57	6	51	56	6	50	378445.99816	378445.96218	0.03599	0.10000	0.00000	378445.95908	0.03908	0.2500
2076:	57	7	51	56	6	50	378445.99816	378445.96939	0.02877	0.10000	0.00000	378445.95908	0.03908	0.2500
2077:	52	16	36	51	16	35	378490.46055	378490.47219	-0.01164	0.10000	0.00000			
2078:	54	9	45	53	10	44	378539.18620	378539.13551	0.05069	0.10000	0.00000			
2079:	58	5	53	57	6	52	378659.37432	378659.36019	0.01413	0.10000	0.00000	378659.36042	0.01390	0.2500
2080:	58	6	53	57	6	52	378659.37432	378659.36035	0.01397	0.10000	0.00000	378659.36042	0.01390	0.2500
2081:	58	5	53	57	5	52	378659.37432	378659.36049	0.01383	0.10000	0.00000	378659.36042	0.01390	0.2500
2082:	58	6	53	57	5	52	378659.37432	378659.36065	0.01367	0.10000	0.00000	378659.36042	0.01390	0.2500
2083:	54	10	45	53	10	44	378663.66033	378663.67850	-0.01816	0.10000	0.00000			
2084:	53	24	30	52	24	29	378697.30007	378697.23813	0.06194	0.10000	0.00000	378697.23813	0.06194	0.5000
2085:	53	24	29	52	24	28	378697.30007	378697.23813	0.06194	0.10000	0.00000	378697.23813	0.06194	0.5000
2086:	54	9	45	53	9	44	378745.72401	378745.72620	-0.00219	0.10000	0.00000			
2087:	52	12	41	51	12	40	378760.66743	378760.67410	-0.00667	0.10000	0.00000			
2088:	59	4	55	58	4	54	378930.49178	378930.48122	0.01055	0.10000	0.00000	378930.48122	0.01055	0.2500
2089:	59	4	55	58	5	54	378930.49178	378930.48122	0.01056	0.10000	0.00000	378930.48122	0.01055	0.2500
2090:	59	5	55	58	4	54	378930.49178	378930.48123	0.01055	0.10000	0.00000	378930.48122	0.01055	0.2500
2091:	59	5	55	58	5	54	378930.49178	378930.48122	0.01055	0.10000	0.00000	378930.48122	0.01055	0.2500
2092:	53	11	43	52	11	42	379178.78805	379178.80140	-0.01335	0.10000	0.00000			
2093:	60	3	57	59	3	56	379236.90941	379236.90521	0.00420	0.10000	0.00000	379236.90521	0.00420	0.2500
2094:	60	3	57	59	4	56	379236.90941	379236.90521	0.00420	0.10000	0.00000	379236.90521	0.00420	0.2500
2095:	60	4	57	59	3	56	379236.90941	379236.90521	0.00420	0.10000	0.00000	379236.90521	0.00420	0.2500
2096:	60	4	57	59	4	56	379236.90941	379236.90521	0.00420	0.10000	0.00000	379236.90521	0.00420	0.2500
2097:	61	2	59	60	3	58	379564.34460	379564.34611	-0.00150	0.10000	0.00000	379564.34611	-0.00150	0.2500
2098:	61	3	59	60	2	58	379564.34460	379564.34611	-0.00150	0.10000	0.00000	379564.34611	-0.00150	0.2500
2099:	61	3	59	60	3	58	379564.34460	379564.34611	-0.00150	0.10000	0.00000	379564.34611	-0.00150	0.2500
2100:	61	2	59	60	2	58	379564.34460	379564.34611	-0.00150	0.10000	0.00000	379564.34611	-0.00150	0.2500
2101:	53	22	32	52	22	31	379739.64109	379739.62687	0.01422	0.10000	0.00000	379739.62689	0.01420	0.5000
2102:	53	22	31	52	22	30	379739.64109	379739.62691	0.01418	0.10000	0.00000	379739.62689	0.01420	0.5000
2103:	62	1	61	61	1	60	379903.35871	379903.36711	-0.00840	0.10000	0.00000	379903.36711	-0.00840	0.2500
2104:	62	1	61	61	2	60	379903.35871	379903.36711	-0.00840	0.10000	0.00000	379903.36711	-0.00840	0.2500
2105:	62	2	61	61	1	60	379903.35871	379903.36711	-0.00840	0.10000	0.00000	379903.36711	-0.00840	0.2500
2106:	62	2	61	61	2	60	379903.35871	379903.36711	-0.00840	0.10000	0.00000	379903.36711	-0.00840	0.2500
2107:	53	10	43	52	10	42	380159.61850	380159.60872	0.00977	0.10000	0.00000			
2108:	63	0	63	62	1	62	380247.57811	380247.57260	0.00551	0.10000	0.00000	380247.57260	0.00551	0.2500
2109:	63	1	63	62	0	62	380247.57811	380247.57260	0.00551	0.10000	0.00000	380247.57260	0.00551	0.2500
2110:	63	1	63	62	1	62	380247.57811	380247.57260	0.00551	0.10000	0.00000	380247.57260	0.00551	0.2500
2111:	63	0	63	62	0	62	380247.57811	380247.57260	0.00551	0.10000	0.00000	380247.57260	0.00551	0.2500

2112:	52 15 38 51 15 37	380257.98188	380258.29681	-0.31493	0.10000	0.00000	0.00000
2113:	51 11 40 50 11 39	380354.74137	380354.72783	0.01354	0.10000	0.00000	0.00000
2114:	53 21 32 52 21 31	380384.66021	380384.65562	0.00459	0.10000	0.00000	380384.65521
2115:	53 21 32 52 21 32	380384.66021	380384.65480	0.00541	0.10000	0.00000	380384.65521
2116:	50 12 38 49 12 37	380477.64501	380477.64571	0.00931	0.10000	0.00000	0.00000
2117:	52 15 37 51 15 36	381086.46138	381086.46753	-0.00615	0.10000	0.00000	0.00000
2118:	53 20 34 52 20 33	381141.34089	381141.35396	-0.01306	0.10000	0.00000	381141.36054
2119:	53 20 33 52 20 32	381141.34089	381141.36713	-0.02623	0.10000	0.00000	381141.36054
2120:	29 13 16 28 12 17	381542.44344	381542.69087	-0.24743	0.10000	0.00000	381542.44686
2121:	29 13 17 28 12 16	381542.44344	381542.20285	0.24059	0.10000	0.00000	-0.00342 0.5000
2122:	34 11 24 33 10 23	381834.14505	381834.10547	0.03957	0.10000	0.00000	-0.00342 0.5000
2123:	52 13 40 51 13 39	381839.03611	381839.00328	0.03284	0.10000	0.00000	0.00000
2124:	52 14 39 51 14 38	381905.81595	381905.81669	-0.00074	0.10000	0.00000	0.00000
2125:	53 19 34 52 19 33	382042.86855	382042.94030	-0.07175	0.10000	0.00000	382042.84753
2126:	53 19 35 52 19 34	382042.86855	382042.75475	0.11380	0.10000	0.00000	382042.84753
2127:	27 14 13 26 13 14	382156.61641	382156.39952	0.21688	0.10000	0.00000	0.21825 0.5000
2128:	27 14 14 26 13 13	382156.61641	382156.39678	0.21963	0.10000	0.00000	0.21825 0.5000
2129:	54 39 15 53 39 14	382288.22664	382288.47207	-0.24543	0.10000	0.00000	-0.24543 0.5000
2130:	54 39 16 53 39 15	382288.22664	382288.47207	-0.24543	0.10000	0.00000	-0.24543 0.5000
2131:	54 38 17 53 38 16	382427.15521	382427.24925	-0.09404	0.10000	0.00000	-0.09404 0.5000
2132:	54 38 16 53 38 15	382427.15521	382427.24925	-0.09404	0.10000	0.00000	-0.09404 0.5000
2133:	25 15 11 24 14 10	382447.19339	382447.19569	-0.00230	0.10000	0.00000	-0.00230 0.5000
2134:	25 15 10 24 14 11	382447.19339	382447.19569	-0.00230	0.10000	0.00000	-0.00230 0.5000
2135:	54 37 17 53 37 16	382573.77738	382574.01087	-0.23349	0.10000	0.00000	-0.23349 0.5000
2136:	54 37 18 53 37 17	382573.77738	382574.01087	-0.23349	0.10000	0.00000	-0.23349 0.5000
2137:	23 16 8 22 15 7	382581.65452	382581.59766	0.05686	0.10000	0.00000	0.05686 0.5000
2138:	23 16 7 22 15 8	382581.65452	382581.59766	0.05686	0.10000	0.00000	0.05686 0.5000
2139:	21 17 5 20 16 4	382642.57202	382642.42792	0.14411	0.10000	0.00000	0.14411 0.5000
2140:	21 17 4 20 16 5	382642.57202	382642.42792	0.14411	0.10000	0.00000	0.14411 0.5000
2141:	19 18 1 18 17 2	382672.08762	382672.07133	0.01629	0.10000	0.00000	0.01629 0.5000
2142:	19 18 2 18 17 1	382672.08762	382672.07133	0.01629	0.10000	0.00000	0.01629 0.5000
2143:	54 36 19 53 36 18	382729.66752	382729.77775	-0.11023	0.10000	0.00000	-0.11023 0.5000
2144:	54 36 18 53 36 17	382729.66752	382729.77775	-0.11023	0.10000	0.00000	-0.11023 0.5000
2145:	54 35 20 53 35 19	382895.73570	382895.72446	0.01123	0.10000	0.00000	0.01123 0.5000
2146:	54 35 19 53 35 18	382895.73570	382895.72446	0.01123	0.10000	0.00000	0.01123 0.5000
2147:	54 34 20 53 34 19	383073.19971	383073.20882	-0.00911	0.10000	0.00000	-0.00911 0.5000
2148:	54 34 21 53 34 20	383073.19971	383073.20882	-0.00911	0.10000	0.00000	-0.00911 0.5000
2149:	53 18 36 52 18 35	383137.20062	383137.21480	-0.01418	0.10000	0.00000	0.00000
2150:	53 18 35 52 18 34	383139.46261	383139.46512	-0.00251	0.10000	0.00000	0.00000
2151:	54 32 23 53 32 22	383469.49708	383469.36542	0.13166	0.10000	0.00000	0.13166 0.5000
2152:	54 32 22 53 32 21	383469.49708	383469.36542	0.13166	0.10000	0.00000	0.13166 0.5000
2153:	54 31 23 53 31 22	383692.29554	383692.04547	0.25007	0.10000	0.00000	0.25007 0.5000
2154:	54 31 24 53 31 23	383692.29554	383692.04547	0.25007	0.10000	0.00000	0.25007 0.5000
2155:	54 30 25 53 30 24	383934.38071	383934.40920	-0.02848	0.10000	0.00000	-0.02848 0.5000
2156:	54 30 24 53 30 23	383934.38071	383934.40920	-0.02848	0.10000	0.00000	-0.02848 0.5000
2157:	54 29 26 53 29 25	384199.52636	384199.50721	0.01914	0.10000	0.00000	0.01914 0.5000
2158:	54 29 25 53 29 24	384199.52636	384199.50721	0.01914	0.10000	0.00000	0.01914 0.5000
2159:	57 8 50 56 8 49	384277.21589	384277.15851	0.05738	0.10000	0.00000	-0.06160 0.3333
2160:	57 7 50 56 7 49	384277.21589	384277.26877	-0.05288	0.10000	0.00000	-0.06160 0.3333

2161:	57	8	50	56	7	49	384277.21589	384277.40518	-0.18929	0.10000	0.00000	384277.27749	-0.06160	0.3333
2162:	56	9	48	55	9	47	384291.91103	384291.86757	0.04347	0.10000	0.00000			
2163:	56	8	48	55	8	47	384294.11694	384294.60119	-0.08425	0.10000	0.00000			
2164:	58	6	52	57	7	51	384409.11225	384409.14503	-0.03278	0.10000	0.00000	384409.15057	-0.03832	0.2500
2165:	58	7	52	57	7	51	384409.11225	384409.14890	-0.03665	0.10000	0.00000	384409.15057	-0.03832	0.2500
2166:	58	6	52	57	6	51	384409.11225	384409.15225	-0.03999	0.10000	0.00000	384409.15057	-0.03832	0.2500
2167:	58	7	52	57	6	51	384409.11225	384409.15611	-0.04386	0.10000	0.00000	384409.15057	-0.03832	0.2500
2168:	54	28	27	53	28	26	384490.98715	384491.00286	-0.01571	0.10000	0.00000	384491.00286	-0.01571	0.5000
2169:	54	28	26	53	28	25	384490.98715	384491.00286	-0.01571	0.10000	0.00000	384491.00286	-0.01571	0.5000
2170:	53	17	37	52	17	36	384495.10312	384494.92252	0.18060	0.10000	0.00000			
2171:	55	10	46	54	10	45	384548.38808	384548.40586	-0.01778	0.10000	0.00000			
2172:	51	13	38	50	13	37	384562.34765	384562.33470	0.01295	0.10000	0.00000			
2173:	55	9	46	54	9	45	384598.46754	384598.45470	0.01285	0.10000	0.00000			
2174:	59	6	54	58	6	53	384629.52986	384629.55573	-0.02586	0.10000	0.00000	384629.55577	-0.02590	0.2500
2175:	59	5	54	58	5	53	384629.52986	384629.55580	-0.02594	0.10000	0.00000	384629.55577	-0.02590	0.2500
2176:	59	6	54	58	5	53	384629.52986	384629.55589	-0.02602	0.10000	0.00000	384629.55577	-0.02590	0.2500
2177:	59	5	54	58	6	53	384629.52986	384629.55564	-0.02578	0.10000	0.00000	384629.55577	-0.02590	0.2500
2178:	34	11	23	33	10	24	384766.59035	384766.81026	-0.21992	0.10000	0.00000			
2179:	54	27	28	53	27	27	384813.27756	384813.33513	-0.05757	0.10000	0.00000	384813.33513	-0.05757	0.5000
2180:	54	27	27	53	27	26	384813.27756	384813.33513	-0.05757	0.10000	0.00000	384813.33513	-0.05757	0.5000
2181:	60	4	56	59	4	55	384904.37181	384904.37280	-0.00099	0.10000	0.00000	384904.37280	-0.00099	0.2500
2182:	60	4	56	59	5	55	384904.37181	384904.37280	-0.00099	0.10000	0.00000	384904.37280	-0.00099	0.2500
2183:	60	5	56	59	4	55	384904.37181	384904.37281	-0.00099	0.10000	0.00000	384904.37280	-0.00099	0.2500
2184:	60	5	56	59	5	55	384904.37181	384904.37280	-0.00099	0.10000	0.00000	384904.37280	-0.00099	0.2500
2185:	53	12	42	52	12	41	385045.39806	385045.41298	-0.01492	0.10000	0.00000			
2186:	54	11	44	53	11	43	385074.89304	385074.88890	0.00414	0.10000	0.00000			
2187:	52	11	41	51	11	40	385133.61459	385133.60497	0.00962	0.10000	0.00000			
2188:	54	26	29	53	26	28	385171.92489	385171.93827	-0.01338	0.10000	0.00000	385171.93827	-0.01338	0.5000
2189:	54	26	28	53	26	27	385171.92489	385171.93827	-0.01338	0.10000	0.00000	385171.93827	-0.01338	0.5000
2190:	61	3	58	60	3	57	385212.69498	385212.69182	0.00317	0.10000	0.00000	385212.69182	0.00317	0.2500
2191:	61	3	58	60	4	57	385212.69498	385212.69182	0.00317	0.10000	0.00000	385212.69182	0.00317	0.2500
2192:	61	4	58	60	3	57	385212.69498	385212.69182	0.00317	0.10000	0.00000	385212.69182	0.00317	0.2500
2193:	61	4	58	60	4	57	385212.69498	385212.69182	0.00317	0.10000	0.00000	385212.69182	0.00317	0.2500
2194:	62	2	60	61	3	59	385541.03098	385541.04768	-0.01671	0.10000	0.00000	385541.04768	-0.01671	0.2500
2195:	62	3	60	61	2	59	385541.03098	385541.04768	-0.01671	0.10000	0.00000	385541.04768	-0.01671	0.2500
2196:	62	3	60	61	3	59	385541.03098	385541.04768	-0.01671	0.10000	0.00000	385541.04768	-0.01671	0.2500
2197:	62	2	60	61	2	59	385541.03098	385541.04768	-0.01671	0.10000	0.00000	385541.04768	-0.01671	0.2500
2198:	54	25	30	53	25	29	385573.54670	385573.54351	0.00318	0.10000	0.00000	385573.54351	0.00318	0.5000
2199:	54	25	29	53	25	28	385573.54670	385573.54351	0.00318	0.10000	0.00000	385573.54351	0.00318	0.5000
2200:	54	10	44	53	10	43	385717.22339	385717.23869	-0.01530	0.10000	0.00000			
2201:	63	1	62	62	1	61	385880.48045	385880.47053	0.00992	0.10000	0.00000	385880.47053	0.00992	0.2500
2202:	63	1	62	62	2	61	385880.48045	385880.47053	0.00992	0.10000	0.00000	385880.47053	0.00992	0.2500
2203:	63	2	62	62	1	61	385880.48045	385880.47053	0.00992	0.10000	0.00000	385880.47053	0.00992	0.2500
2204:	63	2	62	62	2	61	385880.48045	385880.47053	0.00992	0.10000	0.00000	385880.47053	0.00992	0.2500
2205:	54	24	31	53	24	30	386026.61186	386026.60349	0.00837	0.10000	0.00000	386026.60349	0.00837	0.5000
2206:	54	24	30	53	24	29	386026.61186	386026.60349	0.00837	0.10000	0.00000	386026.60349	0.00837	0.5000
2207:	52	14	38	51	14	37	386165.63905	386165.69163	-0.05258	0.10000	0.00000			
2208:	53	16	38	52	16	37	386190.15865	386190.16861	-0.00995	0.10000	0.00000			
2209:	64	0	64	63	0	63	386224.84494	386224.83692	0.00803	0.10000	0.00000	386224.83692	0.00803	0.2500

2210:	64	0	64	63	1	63	386224.84494	386224.83692	0.00803	0.10000	0.00000	386224.83692	0.00803	0.2500
2211:	64	1	64	63	0	63	386224.84494	386224.83692	0.00803	0.10000	0.00000	386224.83692	0.00803	0.2500
2212:	64	1	64	63	1	63	386224.84494	386224.83692	0.00803	0.10000	0.00000	386224.83692	0.00803	0.2500
2213:	53	16	37	52	16	36	386386.16258	386386.17191	-0.00933	0.10000	0.00000			
2214:	54	23	32	53	23	31	386541.91875	386541.90537	0.01338	0.10000	0.00000	386541.90537	0.01337	0.5000
2215:	54	23	31	53	23	30	386541.91875	386541.90538	0.01337	0.10000	0.00000	386541.90537	0.01337	0.5000
2216:	49	28	21	49	27	22	386764.13950	386764.46655	-0.32705	0.10000	0.00000	386764.46655	-0.32705	0.5000
2217:	49	28	22	49	27	23	386764.13950	386764.46655	-0.32705	0.10000	0.00000	386764.46655	-0.32705	0.5000
2218:	54	22	32	53	22	31	387133.51719	387133.48603	0.03116	0.10000	0.00000	387133.48598	0.03121	0.5000
2219:	54	22	33	53	22	32	387133.51719	387133.48593	0.03126	0.10000	0.00000	387133.48598	0.03121	0.5000
2220:	46	28	19	46	27	20	387449.69447	387449.85088	-0.15641	0.10000	0.00000	387449.85088	-0.15641	0.5000
2221:	46	28	18	46	27	19	387449.69447	387449.85088	-0.15641	0.10000	0.00000	387449.85088	-0.15641	0.5000
2222:	54	21	34	53	21	33	387820.04088	387820.05204	-0.01116	0.10000	0.00000	387820.05293	-0.01205	0.5000
2223:	54	21	33	53	21	32	387820.04088	387820.05382	-0.011294	0.10000	0.00000	387820.05293	-0.01205	0.5000
2224:	51	12	39	50	12	38	387944.52515	387944.54947	-0.02431	0.10000	0.00000			
2225:	53	15	39	52	15	38	388132.78348	388132.76388	0.01960	0.10000	0.00000			
2226:	41	28	14	41	27	15	388342.24317	388342.33378	-0.09062	0.10000	0.00000	388342.33378	-0.09062	0.5000
2227:	41	28	13	41	27	14	388342.24317	388342.33378	-0.09062	0.10000	0.00000	388342.33378	-0.09062	0.5000
2228:	54	20	35	53	20	34	388627.37493	388627.29014	0.08479	0.10000	0.00000	388627.30380	0.07113	0.5000
2229:	54	20	34	53	20	33	388627.37493	388627.31745	0.05748	0.10000	0.00000	388627.30380	0.07113	0.5000
2230:	53	13	41	52	13	40	388840.38595	388840.37586	0.01009	0.10000	0.00000			
2231:	28	14	17	27	13	15	389111.91773	389111.95817	-0.04044	0.10000	0.00000	389111.95429	-0.03656	0.5000
2232:	28	14	15	27	13	14	389111.91773	389111.95041	-0.03268	0.10000	0.00000	389111.95429	-0.03656	0.5000
2233:	55	41	15	54	41	14	389155.68043	389155.86986	-0.18943	0.10000	0.00000	389155.86986	-0.18943	0.5000
2234:	55	41	14	54	41	13	389155.68043	389155.86986	-0.18943	0.10000	0.00000	389155.86986	-0.18943	0.5000
2235:	53	15	38	52	15	37	389437.51933	389437.59989	-0.08056	0.10000	0.00000			
2236:	26	15	12	25	14	11	389463.78102	389463.78188	-0.00086	0.10000	0.00000	389463.78190	-0.00088	0.5000
2237:	26	15	11	25	14	12	389463.78102	389463.78191	-0.00089	0.10000	0.00000	389463.78190	-0.00088	0.5000
2238:	53	14	40	52	14	39	389556.56709	389556.64045	-0.07336	0.10000	0.00000			
2239:	55	38	18	54	38	17	389570.34560	389570.45457	-0.10897	0.10000	0.00000	389570.45457	-0.10897	0.5000
2240:	55	38	17	54	38	16	389570.34560	389570.45457	-0.10897	0.10000	0.00000	389570.45457	-0.10897	0.5000
2241:	54	19	36	53	19	35	389592.00045	389591.77754	0.22291	0.10000	0.00000	389591.96056	0.03988	0.5000
2242:	54	19	35	53	19	34	389592.00045	389592.14359	-0.14314	0.10000	0.00000	389591.96056	0.03988	0.5000
2243:	24	16	9	23	15	8	389629.96084	389629.99982	-0.03898	0.10000	0.00000	389629.99982	-0.03898	0.5000
2244:	24	16	8	23	15	9	389629.96084	389629.99982	-0.03898	0.10000	0.00000	389629.99982	-0.03898	0.5000
2245:	22	17	6	21	16	5	389706.47920	389706.44092	0.03828	0.10000	0.00000	389706.44092	0.03828	0.5000
2246:	22	17	5	21	16	6	389706.47920	389706.44092	0.03828	0.10000	0.00000	389706.44092	0.03828	0.5000
2247:	55	37	18	54	37	17	389724.49425	389724.39111	0.10314	0.10000	0.00000	389724.39111	0.10314	0.5000
2248:	55	37	19	54	37	18	389724.49425	389724.39111	0.10314	0.10000	0.00000	389724.39111	0.10314	0.5000
2249:	20	18	3	19	17	2	389742.60767	389742.56170	0.04597	0.10000	0.00000	389742.56170	0.04597	0.5000
2250:	20	18	2	19	17	3	389742.60767	389742.56170	0.04597	0.10000	0.00000	389742.56170	0.04597	0.5000
2251:	55	36	20	54	36	19	389887.77299	389887.89021	-0.11721	0.10000	0.00000	389887.89021	-0.11721	0.5000
2252:	55	36	19	54	36	18	389887.77299	389887.89021	-0.11721	0.10000	0.00000	389887.89021	-0.11721	0.5000
2253:	55	35	20	54	35	19	390062.16014	390062.19729	-0.03715	0.10000	0.00000	390062.19729	-0.03715	0.5000
2254:	55	35	21	54	35	20	390062.16014	390062.19729	-0.03715	0.10000	0.00000	390062.19729	-0.03715	0.5000
2255:	58	8	51	57	8	50	390228.54455	390228.48917	0.05538	0.10000	0.00000	390228.51981	0.02474	0.2500
2256:	58	7	51	57	7	50	390228.54455	390228.55045	-0.00590	0.10000	0.00000	390228.51981	0.02474	0.2500
2257:	58	8	51	57	7	50	390228.54455	390228.62557	-0.08103	0.10000	0.00000	390228.51981	0.02474	0.2500
2258:	58	7	51	57	8	50	390228.54455	390228.41404	0.13051	0.10000	0.00000	390228.51981	0.02474	0.2500

2259:	55	34	21	54	34	20	390248.67750	390248.75278	-0.07528	0.10000	0.00000	390248.75278	-0.07528	0.5000
2260:	55	34	22	54	34	21	390248.67750	390248.75278	-0.07528	0.10000	0.00000	390248.75278	-0.07528	0.5000
2261:	55	10	45	54	11	44	390256.92644	390256.95020	-0.02376	0.10000	0.00000			
2262:	59	7	53	58	7	52	390372.58775	390372.61547	-0.02771	0.10000	0.00000	390372.61637	-0.02861	0.2500
2263:	59	6	53	58	6	52	390372.58775	390372.61727	-0.02951	0.10000	0.00000	390372.61637	-0.02861	0.2500
2264:	59	7	53	58	6	52	390372.58775	390372.61934	-0.03158	0.10000	0.00000	390372.61637	-0.02861	0.2500
2265:	59	6	53	58	7	52	390372.58775	390372.61340	-0.02564	0.10000	0.00000	390372.61637	-0.02861	0.2500
2266:	56	10	47	55	10	46	390437.83098	390437.83697	-0.00598	0.10000	0.00000			
2267:	55	33	22	54	33	21	390449.14838	390449.23106	-0.08269	0.10000	0.00000			
2268:	56	9	47	55	9	46	390468.09589	390468.09729	-0.00140	0.10000	0.00000			
2269:	60	5	55	59	6	54	390599.51192	390599.51835	-0.00643	0.10000	0.00000	390599.51842	-0.00649	0.2500
2270:	60	6	55	59	6	54	390599.51192	390599.51840	-0.00647	0.10000	0.00000	390599.51842	-0.00649	0.2500
2271:	60	5	55	59	5	54	390599.51192	390599.51844	-0.00651	0.10000	0.00000	390599.51842	-0.00649	0.2500
2272:	60	6	55	59	5	54	390599.51192	390599.51848	-0.00655	0.10000	0.00000	390599.51842	-0.00649	0.2500
2273:	55	32	24	54	32	23	390665.66652	390665.58933	0.07719	0.10000	0.00000	390665.58933	0.07719	0.5000
2274:	55	32	23	54	32	22	390665.66652	390665.58933	0.07719	0.10000	0.00000	390665.58933	0.07719	0.5000
2275:	54	18	37	53	18	36	390767.37578	390767.31166	0.06412	0.10000	0.00000			
2276:	54	18	36	53	18	35	390771.51015	390771.52740	-0.01725	0.10000	0.00000			
2277:	61	4	57	60	4	56	390877.69017	390877.79568	-0.10552	0.10000	0.00000	390877.79568	-0.10551	0.2500
2278:	61	4	57	60	5	56	390877.69017	390877.79568	-0.10551	0.10000	0.00000	390877.79568	-0.10551	0.2500
2279:	61	5	57	60	4	56	390877.69017	390877.79568	-0.10552	0.10000	0.00000	390877.79568	-0.10551	0.2500
2280:	61	5	57	60	5	56	390877.69017	390877.79568	-0.10551	0.10000	0.00000	390877.79568	-0.10551	0.2500
2281:	55	31	25	54	31	24	390900.07857	390900.12918	-0.05061	0.10000	0.00000	390900.12918	-0.05061	0.5000
2282:	55	31	24	54	31	23	390900.07857	390900.12918	-0.05061	0.10000	0.00000	390900.12918	-0.05061	0.5000
2283:	30	15	15	30	13	18	390949.98310	390949.87570	0.10740	0.10000	0.00000	390949.86134	0.12176	0.3333
2284:	55	11	45	54	11	44	390949.98310	390949.95450	0.02860	0.10000	0.00000	390949.86134	0.12176	0.3333
2285:	30	15	16	30	13	17	390949.98310	390949.75381	0.22929	0.10000	0.00000	390949.86134	0.12176	0.3333
2286:	55	30	26	54	30	25	391155.57783	391155.57526	0.00256	0.10000	0.00000	391155.57526	0.00256	0.5000
2287:	55	30	25	54	30	24	391155.57783	391155.57526	0.00256	0.10000	0.00000	391155.57526	0.00256	0.5000
2288:	62	3	59	61	3	58	391187.90497	391187.90325	0.00172	0.10000	0.00000	391187.90325	0.00172	0.2500
2289:	62	3	59	61	4	58	391187.90497	391187.90325	0.00172	0.10000	0.00000	391187.90325	0.00172	0.2500
2290:	62	4	59	61	3	58	391187.90497	391187.90325	0.00172	0.10000	0.00000	391187.90325	0.00172	0.2500
2291:	62	4	59	61	4	58	391187.90497	391187.90325	0.00172	0.10000	0.00000	391187.90325	0.00172	0.2500
2292:	54	12	43	53	12	42	391203.23382	391203.24803	-0.01420	0.10000	0.00000			
2293:	55	10	45	54	10	44	391364.27856	391364.21725	0.06130	0.10000	0.00000			
2294:	55	29	27	54	29	26	391435.17440	391435.17694	-0.00254	0.10000	0.00000	391435.17694	-0.00254	0.5000
2295:	55	29	26	54	29	25	391435.17440	391435.17694	-0.00254	0.10000	0.00000	391435.17694	-0.00254	0.5000
2296:	63	2	61	62	2	60	391517.12750	391517.13019	-0.00269	0.10000	0.00000	391517.13019	-0.00269	0.2500
2297:	63	2	61	62	3	60	391517.12750	391517.13019	-0.00269	0.10000	0.00000	391517.13019	-0.00269	0.2500
2298:	63	3	61	62	2	60	391517.12750	391517.13019	-0.00269	0.10000	0.00000	391517.13019	-0.00269	0.2500
2299:	63	3	61	62	3	60	391517.12750	391517.13019	-0.00269	0.10000	0.00000	391517.13019	-0.00269	0.2500
2300:	55	28	28	54	28	27	391742.82032	391742.84133	-0.02101	0.10000	0.00000	391742.84133	-0.02101	0.5000
2301:	55	28	27	54	28	26	391742.82032	391742.84133	-0.02101	0.10000	0.00000	391742.84133	-0.02101	0.5000
2302:	64	1	63	63	1	62	391856.94941	391856.94014	0.00927	0.10000	0.00000	391856.94014	0.00927	0.2500
2303:	64	1	63	63	2	62	391856.94941	391856.94014	0.00927	0.10000	0.00000	391856.94014	0.00927	0.2500
2304:	64	2	63	63	1	62	391856.94941	391856.94014	0.00927	0.10000	0.00000	391856.94014	0.00927	0.2500
2305:	64	2	63	63	2	62	391856.94941	391856.94014	0.00927	0.10000	0.00000	391856.94014	0.00927	0.2500
2306:	55	27	29	54	27	28	392083.31593	392083.31028	0.00564	0.10000	0.00000	392083.31028	0.00564	0.5000
2307:	55	27	28	54	27	27	392083.31593	392083.31028	0.00564	0.10000	0.00000	392083.31028	0.00564	0.5000

2308:	65	0	65	64	0	64	392201.46727	392201.46470	0.00257	0.10000	0.00000	392201.46470	0.00257	0.2500
2309:	65	0	65	64	1	64	392201.46727	392201.46470	0.00257	0.10000	0.00000	392201.46470	0.00257	0.2500
2310:	65	1	65	64	0	64	392201.46727	392201.46470	0.00257	0.10000	0.00000	392201.46470	0.00257	0.2500
2311:	65	1	65	64	1	64	392201.46727	392201.46470	0.00257	0.10000	0.00000	392201.46470	0.00257	0.2500
2312:	54	17	38	53	17	37	392229.68199	392229.69673	-0.01474	0.10000	0.00000			
2313:	54	17	37	53	17	36	392270.69734	392270.67850	0.01884	0.10000	0.00000			
2314:	55	26	30	54	26	29	392462.40879	392462.39983	0.00896	0.10000	0.00000	392462.39983	0.00896	0.5000
2315:	55	26	29	54	26	28	392462.40879	392462.39983	0.00896	0.10000	0.00000	392462.39983	0.00896	0.5000
2316:	55	25	30	54	25	29	392887.28695	392887.33096	-0.04401	0.10000	0.00000	392887.33096	-0.04401	0.5000
2317:	55	25	31	54	25	30	392887.28695	392887.33096	-0.04401	0.10000	0.00000	392887.33096	-0.04401	0.5000
2318:	55	24	32	54	24	31	393367.20360	393367.19748	0.00612	0.10000	0.00000	393367.19748	0.00612	0.5000
2319:	55	24	31	54	24	30	393367.20360	393367.19748	0.00612	0.10000	0.00000	393367.19748	0.00612	0.5000
2320:	52	13	39	51	13	38	393841.76795	393841.76763	0.00032	0.10000	0.00000			
2321:	55	23	33	54	23	32	393913.67487	393913.64687	0.02800	0.10000	0.00000	393913.64688	0.02799	0.5000
2322:	55	23	32	54	23	31	393913.67487	393913.64688	0.02798	0.10000	0.00000	393913.64688	0.02799	0.5000
2323:	54	16	39	53	16	38	394039.45447	394039.46565	-0.01118	0.10000	0.00000			
2324:	54	16	38	53	16	37	394366.00110	394366.00373	-0.00264	0.10000	0.00000			
2325:	55	22	33	54	22	32	394541.93583	394541.90559	0.03024	0.10000	0.00000	394541.90548	0.03035	0.5000
2326:	55	22	34	54	22	33	394541.93583	394541.90536	0.03046	0.10000	0.00000	394541.90548	0.03035	0.5000
2327:	52	12	40	51	12	39	394690.35393	394690.34337	0.01056	0.10000	0.00000			
2328:	54	11	43	53	11	42	394735.16827	394735.14964	0.01863	0.10000	0.00000			
2329:	55	21	34	54	21	33	395272.41521	395272.38987	0.02534	0.10000	0.00000			
2330:	55	21	35	54	21	34	395272.41521	395272.38608	0.02914	0.10000	0.00000	395272.38797	0.02724	0.5000
2331:	53	14	39	52	14	38	395504.38318	395504.43043	-0.04726	0.10000	0.00000			
2332:	54	13	42	53	13	41	395654.35536	395654.38265	-0.02729	0.10000	0.00000			
2333:	54	15	40	53	15	39	395937.98739	395998.00735	-0.01996	0.10000	0.00000			
2334:	29	14	15	28	13	16	396045.30215	396045.36993	-0.06778	0.10000	0.00000	396045.35946	-0.05730	0.5000
2335:	29	14	16	28	13	15	396045.30215	396045.34898	-0.04683	0.10000	0.00000	396045.35946	-0.05730	0.5000
2336:	55	20	35	54	20	34	396133.34579	396133.38900	-0.04321	0.10000	0.00000	396133.36118	-0.01539	0.5000
2337:	55	20	36	54	20	35	396133.34579	396133.33336	0.01243	0.10000	0.00000	396133.36118	-0.01539	0.5000
2338:	59	7	52	58	8	51	396180.93946	396180.92700	0.01245	0.10000	0.00000	396180.98518	-0.04572	0.2500
2339:	59	8	52	58	8	51	396180.93946	396180.96822	-0.02876	0.10000	0.00000	396180.98518	-0.04572	0.2500
2340:	59	7	52	58	7	51	396180.93946	396181.00213	-0.06267	0.10000	0.00000	396180.98518	-0.04572	0.2500
2341:	59	8	52	58	7	51	396180.93946	396181.04335	-0.10389	0.10000	0.00000	396180.98518	-0.04572	0.2500
2342:	57	10	48	56	10	47	396332.52243	396332.49809	0.02433	0.10000	0.00000			
2343:	60	7	54	59	7	53	396336.20661	396336.26182	-0.05521	0.10000	0.00000	396336.26230	-0.05569	0.2500
2344:	60	6	54	59	6	53	396336.20661	396336.26278	-0.05617	0.10000	0.00000	396336.26230	-0.05569	0.2500
2345:	60	7	54	59	6	53	396336.20661	396336.26388	-0.05728	0.10000	0.00000	396336.26230	-0.05569	0.2500
2346:	60	6	54	59	7	53	396336.20661	396336.26071	-0.05411	0.10000	0.00000	396336.26230	-0.05569	0.2500
2347:	57	9	48	56	9	47	396350.65795	396350.64501	0.01294	0.10000	0.00000			
2348:	56	40	17	55	40	16	396420.20687	396420.31205	-0.10518	0.10000	0.00000	396420.31205	-0.10518	0.5000
2349:	56	40	16	55	40	15	396420.20687	396420.31205	-0.10518	0.10000	0.00000	396420.31205	-0.10518	0.5000
2350:	27	15	12	26	14	13	396467.50603	396467.54469	-0.03866	0.10000	0.00000	396467.54465	-0.03862	0.5000
2351:	27	15	13	26	14	12	396467.50603	396467.54461	-0.03858	0.10000	0.00000	396467.54465	-0.03862	0.5000
2352:	56	39	17	55	39	16	396564.57644	396564.68086	-0.10442	0.10000	0.00000	396564.68086	-0.10442	0.5000
2353:	56	39	18	55	39	17	396564.57644	396564.68086	-0.10442	0.10000	0.00000	396564.68086	-0.10442	0.5000
2354:	61	5	56	60	6	55	396569.24425	396569.20410	0.04015	0.10000	0.00000	396569.20414	0.04012	0.2500
2355:	61	6	56	60	5	55	396569.24425	396569.20417	0.04008	0.10000	0.00000	396569.20414	0.04012	0.2500
2356:	61	6	56	60	6	55	396569.24425	396569.20412	0.04013	0.10000	0.00000	396569.20414	0.04012	0.2500

2357:	61	5	56	60	5	55	396569.24425	396569.20415	0.04011	0.10000	0.00000	396569.20414	0.04012	0.2500
2358:	25	16	9	24	15	10	396671.00911	396671.11656	-0.10745	0.10000	0.00000	396671.11656	-0.10745	0.5000
2359:	25	16	10	24	15	9	396671.00911	396671.11656	-0.10745	0.10000	0.00000	396671.11656	-0.10745	0.5000
2360:	56	38	19	55	38	18	396716.98296	396717.04801	-0.06505	0.10000	0.00000	396717.04801	-0.06505	0.5000
2361:	56	38	18	55	38	17	396716.98296	396717.04801	-0.06505	0.10000	0.00000	396717.04801	-0.06505	0.5000
2362:	23	17	7	22	16	6	396766.65608	396766.58078	0.07530	0.10000	0.00000	396766.58078	0.07530	0.5000
2363:	23	17	6	22	16	7	396766.65608	396766.58078	0.07530	0.10000	0.00000	396766.58078	0.07530	0.5000
2364:	21	18	3	20	17	4	396811.42243	396811.29555	0.12688	0.10000	0.00000	396811.29555	0.12688	0.5000
2365:	21	18	4	20	17	3	396811.42243	396811.29555	0.12688	0.10000	0.00000	396811.29555	0.12688	0.5000
2366:	56	11	46	55	11	45	396814.06027	396814.09755	-0.03728	0.10000	0.00000			
2367:	19	19	1	18	18	0	396835.41495	396835.38545	0.02950	0.10000	0.00000	396835.38545	0.02950	0.5000
2368:	19	19	0	18	18	1	396835.41495	396835.38545	0.02950	0.10000	0.00000	396835.38545	0.02950	0.5000
2369:	62	4	58	61	4	57	396850.69423	396850.72653	-0.03230	0.10000	0.00000	396850.72653	-0.03230	0.2500
2370:	62	4	58	61	5	57	396850.69423	396850.72653	-0.03230	0.10000	0.00000	396850.72653	-0.03230	0.2500
2371:	62	5	58	61	4	57	396850.69423	396850.72653	-0.03230	0.10000	0.00000	396850.72653	-0.03230	0.2500
2372:	62	5	58	61	5	57	396850.69423	396850.72653	-0.03230	0.10000	0.00000	396850.72653	-0.03230	0.2500
2373:	56	37	20	55	37	19	396878.32993	396878.41279	-0.08286	0.10000	0.00000	396878.41279	-0.08286	0.5000
2374:	56	37	19	55	37	18	396878.32993	396878.41279	-0.08286	0.10000	0.00000	396878.41279	-0.08286	0.5000
2375:	56	36	20	55	36	19	397049.84949	397049.92100	-0.07151	0.10000	0.00000	397049.92100	-0.07151	0.5000
2376:	56	36	21	55	36	20	397049.84949	397049.92100	-0.07151	0.10000	0.00000	397049.92100	-0.07151	0.5000
2377:	56	10	46	55	10	45	397077.70720	397077.70823	-0.00103	0.10000	0.00000			
2378:	54	14	41	53	14	40	397090.15830	397090.20094	-0.04264	0.10000	0.00000			
2379:	63	3	60	62	3	59	397162.51256	397162.52483	-0.01228	0.10000	0.00000	397162.52483	-0.01228	0.2500
2380:	63	3	60	62	4	59	397162.51256	397162.52483	-0.01228	0.10000	0.00000	397162.52483	-0.01228	0.2500
2381:	63	4	60	62	3	59	397162.51256	397162.52483	-0.01228	0.10000	0.00000	397162.52483	-0.01228	0.2500
2382:	63	4	60	62	4	59	397162.51256	397162.52483	-0.01228	0.10000	0.00000	397162.52483	-0.01228	0.2500
2383:	55	19	36	54	19	35	397165.64557	397166.01973	-0.37415	0.10000	0.00000	397165.66482	-0.01924	0.5000
2384:	55	19	37	54	19	36	397165.64557	397165.30991	0.33567	0.10000	0.00000			
2385:	55	12	44	54	12	43	397258.49886	397258.51601	-0.01715	0.10000	0.00000			
2386:	56	34	22	55	34	21	397428.80983	397428.85329	-0.04346	0.10000	0.00000			
2387:	64	2	62	63	2	61	397492.56274	397492.58230	-0.01956	0.10000	0.00000	397492.58230	-0.01956	0.3333
2388:	64	3	62	63	2	61	397492.56274	397492.58230	-0.01956	0.10000	0.00000	397492.58230	-0.01956	0.3333
2389:	64	3	62	63	3	61	397492.56274	397492.58230	-0.01956	0.10000	0.00000	397492.58230	-0.01956	0.3333
2390:	56	33	24	55	33	23	397639.54002	397639.58041	-0.04039	0.10000	0.00000	397639.58041	-0.04039	0.5000
2391:	56	33	23	55	33	22	397639.54002	397639.58041	-0.04039	0.10000	0.00000	397639.58041	-0.04039	0.5000
2392:	65	1	64	64	1	63	397832.77842	397832.76572	0.01270	0.10000	0.00000	397832.76572	0.01270	0.2500
2393:	65	1	64	64	2	63	397832.77842	397832.76572	0.01270	0.10000	0.00000	397832.76572	0.01270	0.2500
2394:	65	2	64	64	1	63	397832.77842	397832.76572	0.01270	0.10000	0.00000	397832.76572	0.01270	0.2500
2395:	65	2	64	64	2	63	397832.77842	397832.76572	0.01270	0.10000	0.00000	397832.76572	0.01270	0.2500
2396:	56	32	25	55	32	24	397867.09881	397867.15104	-0.05223	0.10000	0.00000	397867.15104	-0.05223	0.5000
2397:	56	32	24	55	32	23	397867.09881	397867.15104	-0.05223	0.10000	0.00000	397867.15104	-0.05223	0.5000
2398:	54	15	39	53	15	38	398002.80429	398002.81442	-0.01013	0.10000	0.00000			
2399:	56	31	25	55	31	24	398114.08986	398114.01032	0.07955	0.10000	0.00000	398114.01032	0.07955	0.5000
2400:	56	31	26	55	31	25	398114.08986	398114.01032	0.07955	0.10000	0.00000	398114.01032	0.07955	0.5000
2401:	66	0	66	65	1	65	398177.45165	398177.44600	0.00565	0.10000	0.00000	398177.44600	0.00565	0.2500
2402:	66	1	66	65	0	65	398177.45165	398177.44600	0.00565	0.10000	0.00000	398177.44600	0.00565	0.2500
2403:	66	1	66	65	1	65	398177.45165	398177.44600	0.00565	0.10000	0.00000	398177.44600	0.00565	0.2500
2404:	66	0	66	65	0	65	398177.45165	398177.44600	0.00565	0.10000	0.00000	398177.44600	0.00565	0.2500
2405:	56	30	26	55	30	25	398383.05198	398383.05565	-0.00367	0.10000	0.00000	398383.05565	-0.00367	0.5000

2406:	56	30	27	55	30	26	398383.05198	398383.05565	-0.00367	0.10000	0.00000	398383.05565	-0.00367	0.5000
2407:	55	18	38	54	18	37	398428.02223	398428.01701	0.00523	0.10000	0.00000			
2408:	55	18	37	54	18	36	398435.77415	398435.78104	-0.00690	0.10000	0.00000			
2409:	56	29	28	55	29	27	398677.74628	398677.74645	-0.00017	0.10000	0.00000	398677.74645	-0.00017	0.5000
2410:	56	29	27	55	29	26	398677.74628	398677.74645	-0.00017	0.10000	0.00000	398677.74645	-0.00017	0.5000
2411:	56	28	28	55	28	27	399002.28235	399002.24819	0.03417	0.10000	0.00000			
2412:	56	27	29	55	27	28	399361.60695	399361.62468	-0.01774	0.10000	0.00000	399361.62468	-0.01774	0.5000
2413:	56	27	30	55	27	29	399361.60695	399361.62468	-0.01774	0.10000	0.00000	399361.62468	-0.01774	0.5000
2414:	55	11	44	54	11	43	399754.84583	399754.85779	-0.01195	0.10000	0.00000			
2415:	56	26	31	55	26	30	399762.06346	399762.09950	-0.03604	0.10000	0.00000	399762.09950	-0.03604	0.5000
2416:	56	26	30	55	26	29	399762.06346	399762.09950	-0.03604	0.10000	0.00000	399762.09950	-0.03604	0.5000
2417:	55	17	39	54	17	38	400001.28560	400001.27502	0.01058	0.10000	0.00000			
2418:	55	17	38	54	17	37	400072.72434	400072.66488	0.05946	0.10000	0.00000			
2419:	56	25	31	55	25	30	400211.38588	400211.41881	-0.03293	0.10000	0.00000	400211.41881	-0.03293	0.5000
2420:	56	25	32	55	25	31	400211.38588	400211.41881	-0.03293	0.10000	0.00000	400211.41881	-0.03293	0.5000
2421:	56	24	33	55	24	32	400719.38221	400719.36789	0.01432	0.10000	0.00000	400719.36790	0.01431	0.5000
2422:	56	24	32	55	24	31	400719.38221	400719.36790	0.01431	0.10000	0.00000	400719.36790	0.01431	0.5000
2423:	53	12	41	52	12	40	400731.85894	400731.92246	-0.06352	0.10000	0.00000			
2424:	56	23	34	55	23	33	401298.85365	401298.52848	0.32517	0.10000	0.00000	401298.52849	0.32516	0.5000
2425:	56	23	33	55	23	32	401298.85365	401298.52850	0.32514	0.10000	0.00000	401298.52849	0.32516	0.5000
2426:	55	16	40	54	16	39	401917.99099	401918.00195	-0.01096	0.10000	0.00000			
2427:	32	13	20	31	12	19	401933.51169	401933.54919	-0.03751	0.10000	0.00000			
2428:	56	22	34	55	22	33	401965.44496	401965.42994	0.01502	0.10000	0.00000	401965.42970	0.01527	0.5000
2429:	56	22	35	55	22	34	401965.44496	401965.42945	0.01552	0.10000	0.00000	401965.42970	0.01527	0.5000
2430:	59	9	51	58	9	50	402086.66264	402086.40048	0.26216	0.10000	0.00000	402086.65874	0.00389	0.5000
2431:	59	8	51	58	8	50	402086.66264	402086.91701	-0.25438	0.10000	0.00000	402086.65874	0.00389	0.5000
2432:	60	8	53	59	8	52	402134.41304	402134.40921	0.00384	0.10000	0.00000	402134.39794	0.01510	0.5000
2433:	60	7	53	59	8	52	402134.41304	402134.38668	0.02636	0.10000	0.00000	402134.39794	0.01510	0.5000
2434:	58	10	49	57	10	48	402232.46639	402232.44408	0.02230	0.10000	0.00000			
2435:	58	9	49	57	9	48	402242.94216	402243.24444	-0.30228	0.10000	0.00000			
2436:	55	13	43	54	13	42	402283.62290	402283.61969	0.00322	0.10000	0.00000			
2437:	61	6	55	60	7	54	402300.03659	402300.00298	0.03361	0.10000	0.00000	402300.00383	0.03277	0.2500
2438:	61	7	55	60	7	54	402300.03659	402300.00357	0.03302	0.10000	0.00000	402300.00383	0.03277	0.2500
2439:	61	6	55	60	6	54	402300.03659	402300.00408	0.03251	0.10000	0.00000	402300.00383	0.03277	0.2500
2440:	61	7	55	60	6	54	402300.03659	402300.00467	0.03192	0.10000	0.00000	402300.00383	0.03277	0.2500
2441:	55	16	39	54	16	38	402451.39060	402451.38722	0.00338	0.10000	0.00000			
2442:	62	5	57	61	5	56	402538.54931	402538.57224	-0.02293	0.10000	0.00000	402538.57223	-0.02293	0.2500
2443:	62	5	57	61	6	56	402538.54931	402538.57222	-0.02291	0.10000	0.00000	402538.57223	-0.02293	0.2500
2444:	62	6	57	61	5	56	402538.54931	402538.57225	-0.02294	0.10000	0.00000	402538.57223	-0.02293	0.2500
2445:	62	6	57	61	6	56	402538.54931	402538.57223	-0.02292	0.10000	0.00000	402538.57223	-0.02293	0.2500
2446:	41	29	13	41	28	14	402624.07529	402624.14848	-0.07318	0.10000	0.00000	402624.14848	-0.07318	0.5000
2447:	41	29	12	41	28	13	402624.07529	402624.14848	-0.07318	0.10000	0.00000	402624.14848	-0.07318	0.5000
2448:	57	11	47	56	11	46	402674.43514	402674.39461	0.04053	0.10000	0.00000			
2449:	53	13	40	52	13	39	402710.49345	402710.43158	0.06186	0.10000	0.00000			
2450:	56	21	36	55	21	35	402742.43837	402742.37219	0.06617	0.10000	0.00000	402742.37617	0.06219	0.5000
2451:	56	21	35	55	21	34	402742.43837	402742.38015	0.05821	0.10000	0.00000	402742.37617	0.06219	0.5000
2452:	63	4	59	62	5	58	402823.15995	402823.14328	0.01667	0.10000	0.00000	402823.14328	0.01667	0.2500
2453:	63	5	59	62	4	58	402823.15995	402823.14328	0.01667	0.10000	0.00000	402823.14328	0.01667	0.2500
2454:	63	5	59	62	5	58	402823.15995	402823.14328	0.01667	0.10000	0.00000	402823.14328	0.01667	0.2500

2455:	63	4	59	62	4	58	402823.15995	402823.14328	0.01667	0.10000	0.00000	402823.14328	0.01667	0.2500
2456:	57	10	47	56	10	46	402840.17197	402840.16162	0.01035	0.10000	0.00000			
2457:	64	3	61	63	3	60	403136.52806	403136.54232	-0.01426	0.10000	0.00000	403136.54232	-0.01426	0.2500
2458:	64	3	61	63	4	60	403136.52806	403136.54232	-0.01426	0.10000	0.00000	403136.54232	-0.01426	0.2500
2459:	64	4	61	63	3	60	403136.52806	403136.54232	-0.01426	0.10000	0.00000	403136.54232	-0.01426	0.2500
2460:	64	4	61	63	4	60	403136.52806	403136.54232	-0.01426	0.10000	0.00000	403136.54232	-0.01426	0.2500
2461:	56	12	45	55	12	44	403235.09578	403235.11460	-0.01882	0.10000	0.00000			
2462:	57	41	17	56	41	15	403412.86717	403413.05876	-0.19159	0.10000	0.00000	403413.05876	-0.19159	0.5000
2463:	57	41	16	56	41	16	403412.86717	403413.05876	-0.19159	0.10000	0.00000	403413.05876	-0.19159	0.5000
2464:	65	2	63	64	3	62	403467.43539	403467.39281	0.04258	0.10000	0.00000	403467.39281	0.04258	0.2500
2465:	65	3	63	64	2	62	403467.43539	403467.39281	0.04258	0.10000	0.00000	403467.39281	0.04258	0.2500
2466:	65	3	63	64	3	62	403467.43539	403467.39281	0.04258	0.10000	0.00000	403467.39281	0.04258	0.2500
2467:	65	2	63	64	2	62	403467.43539	403467.39281	0.04258	0.10000	0.00000	403467.39281	0.04258	0.2500
2468:	57	40	17	56	40	16	403556.33925	403556.54226	-0.20301	0.10000	0.00000	403556.54226	-0.20301	0.5000
2469:	57	40	18	56	40	17	403556.33925	403556.54226	-0.20301	0.10000	0.00000	403556.54226	-0.20301	0.5000
2470:	56	20	36	55	20	35	403660.49389	403660.57514	-0.08125	0.10000	0.00000	403660.57514	-0.08125	0.5000
2471:	56	20	37	55	20	36	403660.49389	403660.46370	0.03020	0.10000	0.00000	403660.51942	-0.02553	0.5000
2472:	26	16	11	25	15	10	403703.78876	403703.81038	-0.02162	0.10000	0.00000	403703.81038	-0.02162	0.5000
2473:	26	16	10	25	15	11	403703.78876	403703.81038	-0.02162	0.10000	0.00000	403703.81038	-0.02162	0.5000
2474:	57	39	18	56	39	17	403707.44071	403707.57937	-0.13866	0.10000	0.00000	403707.57937	-0.13866	0.5000
2475:	57	39	19	56	39	18	403707.44071	403707.57937	-0.13866	0.10000	0.00000	403707.57937	-0.13866	0.5000
2476:	66	1	65	65	2	64	403807.95289	403807.93709	0.01580	0.10000	0.00000	403807.93709	0.01580	0.2500
2477:	66	2	65	65	1	64	403807.95289	403807.93709	0.01580	0.10000	0.00000	403807.93709	0.01580	0.2500
2478:	66	2	65	65	2	64	403807.95289	403807.93709	0.01580	0.10000	0.00000	403807.93709	0.01580	0.2500
2479:	66	1	65	65	1	64	403807.95289	403807.93709	0.01580	0.10000	0.00000	403807.93709	0.01580	0.2500
2480:	24	17	7	23	16	8	403822.15382	403822.06747	0.08635	0.10000	0.00000	403822.06747	0.08635	0.5000
2481:	24	17	8	23	16	7	403822.15382	403822.06747	0.08635	0.10000	0.00000	403822.06747	0.08635	0.5000
2482:	55	15	41	54	15	40	403831.91393	403831.90108	0.01285	0.10000	0.00000			
2483:	57	38	20	56	38	19	403867.02348	403867.09547	-0.07199	0.10000	0.00000	403867.09547	-0.07199	0.5000
2484:	57	38	19	56	38	18	403867.02348	403867.09547	-0.07199	0.10000	0.00000	403867.09547	-0.07199	0.5000
2485:	22	18	5	21	17	4	403877.70616	403877.73717	-0.03101	0.10000	0.00000	403877.73717	-0.03101	0.5000
2486:	22	18	4	21	17	5	403877.70616	403877.73717	-0.03101	0.10000	0.00000	403877.73717	-0.03101	0.5000
2487:	20	19	1	19	18	2	403906.07823	403905.98404	0.09419	0.10000	0.00000	403905.98404	0.09419	0.5000
2488:	20	19	2	19	18	1	403906.07823	403905.98404	0.09419	0.10000	0.00000	403905.98404	0.09419	0.5000
2489:	57	37	21	56	37	20	404036.14463	404036.14763	-0.00300	0.10000	0.00000	404036.14763	-0.00300	0.5000
2490:	57	37	20	56	37	19	404036.14463	404036.14763	-0.00300	0.10000	0.00000	404036.14763	-0.00300	0.5000
2491:	67	0	67	66	0	66	404152.76046	404152.77087	-0.01040	0.10000	0.00000	404152.77087	-0.01040	0.2500
2492:	67	0	67	66	1	66	404152.76046	404152.77087	-0.01040	0.10000	0.00000	404152.77087	-0.01040	0.2500
2493:	67	1	67	66	0	66	404152.76046	404152.77087	-0.01040	0.10000	0.00000	404152.77087	-0.01040	0.2500
2494:	67	1	67	66	1	66	404152.76046	404152.77087	-0.01040	0.10000	0.00000	404152.77087	-0.01040	0.2500
2495:	57	36	22	56	36	21	404215.82999	404215.94837	-0.11838	0.10000	0.00000	404215.94837	-0.11838	0.5000
2496:	57	36	21	56	36	20	404215.82999	404215.94837	-0.11838	0.10000	0.00000	404215.94837	-0.11838	0.5000
2497:	57	35	23	56	35	22	404407.83063	404407.89480	-0.06416	0.10000	0.00000	404407.89480	-0.06416	0.5000
2498:	57	35	22	56	35	21	404407.83063	404407.89480	-0.06416	0.10000	0.00000	404407.89480	-0.06416	0.5000
2499:	55	14	42	54	14	41	404478.99273	404478.99509	-0.00237	0.10000	0.00000			
2500:	57	34	23	56	34	22	404613.53759	404613.60449	-0.06690	0.10000	0.00000	404613.60449	-0.06690	0.5000
2501:	57	34	24	56	34	23	404613.53759	404613.60449	-0.06690	0.10000	0.00000	404613.60449	-0.06690	0.5000
2502:	56	19	38	55	19	37	404764.66518	404764.73425	-0.06907	0.10000	0.00000			
2503:	56	19	37	55	19	36	404766.18644	404766.08781	0.09864	0.10000	0.00000			

2504:	57	33	25	56	33	24	404834.94915	404834.96016	-0.01100	0.10000	0.00000	404834.96016	-0.01101	0.5000
2505:	57	33	24	56	33	23	404834.94915	404834.96016	-0.01101	0.10000	0.00000	404834.96016	-0.01101	0.5000
2506:	56	11	45	55	11	44	404953.21324	404953.17406	0.03918	0.10000	0.00000			
2507:	54	14	40	53	14	39	405043.37624	405043.38652	-0.01028	0.10000	0.00000			
2508:	57	32	26	56	32	25	405074.14084	405074.16572	-0.02488	0.10000	0.00000	405074.16572	-0.02488	0.5000
2509:	57	32	25	56	32	24	405074.14084	405074.16572	-0.02488	0.10000	0.00000	405074.16572	-0.02488	0.5000
2510:	57	31	27	56	31	26	405333.78808	405333.81734	-0.02927	0.10000	0.00000	405333.81734	-0.02927	0.5000
2511:	57	31	26	56	31	25	405333.78808	405333.81734	-0.02927	0.10000	0.00000	405333.81734	-0.02927	0.5000
2512:	57	30	27	56	30	26	405616.98702	405616.99465	-0.00762	0.10000	0.00000	405616.99465	-0.00762	0.5000
2513:	57	30	28	56	30	27	405616.98702	405616.99465	-0.00762	0.10000	0.00000	405616.99465	-0.00762	0.5000
2514:	57	29	29	56	29	28	405927.41900	405927.37909	0.03991	0.10000	0.00000	405927.37909	0.03991	0.5000
2515:	57	29	28	56	29	27	405927.41900	405927.37909	0.03991	0.10000	0.00000	405927.37909	0.03991	0.5000
2516:	56	18	39	55	18	38	406121.11043	406121.09454	0.01589	0.10000	0.00000			
2517:	56	18	38	55	18	37	406135.17112	406135.15499	0.01613	0.10000	0.00000			
2518:	54	12	42	53	12	41	406154.97267	406155.01417	-0.04149	0.10000	0.00000			
2519:	57	28	29	56	28	28	406269.44963	406269.41009	0.03954	0.10000	0.00000	406269.41009	0.03954	0.5000
2520:	57	28	30	56	28	29	406269.44963	406269.41009	0.03954	0.10000	0.00000	406269.41009	0.03954	0.5000
2521:	57	27	31	56	27	30	406648.62941	406648.49404	0.13536	0.10000	0.00000	406648.49404	0.13536	0.5000
2522:	57	27	30	56	27	29	406648.62941	406648.49404	0.13536	0.10000	0.00000	406648.49404	0.13536	0.5000
2523:	55	15	40	54	15	39	406827.03468	406827.05437	-0.01969	0.10000	0.00000			
2524:	57	26	31	56	26	30	407071.28411	407071.28990	-0.00579	0.10000	0.00000	407071.28990	-0.00579	0.5000
2525:	57	26	32	56	26	31	407071.28411	407071.28990	-0.00579	0.10000	0.00000	407071.28990	-0.00579	0.5000
2526:	57	25	33	56	25	32	407546.13157	407546.10769	0.02388	0.10000	0.00000	407546.10769	0.02388	0.5000
2527:	57	25	32	56	25	31	407546.13157	407546.10769	0.02388	0.10000	0.00000	407546.10769	0.02388	0.5000
2528:	56	17	40	55	17	39	407810.16016	407810.17202	-0.01186	0.10000	0.00000			
2529:	56	17	39	55	17	38	407932.33125	407932.36217	-0.03093	0.10000	0.00000			
2530:	60	8	52	59	8	51	408023.33978	408023.49279	-0.15302	0.10000	0.00000	408023.34617	-0.00640	0.5000
2531:	60	9	52	59	9	51	408023.33978	408023.19956	0.14022	0.10000	0.00000	408023.34617	-0.00640	0.5000
2532:	57	24	34	56	24	33	408083.32466	408083.47951	-0.15485	0.10000	0.00000	408083.47951	-0.15485	0.5000
2533:	57	24	33	56	24	32	408083.32466	408083.47951	-0.15485	0.10000	0.00000	408083.47951	-0.15485	0.5000
2534:	61	7	54	60	8	53	408088.65667	408088.63410	0.02257	0.10000	0.00000	408088.65150	0.00517	0.2500
2535:	61	8	54	60	8	53	408088.65667	408088.64637	0.01030	0.10000	0.00000	408088.65150	0.00517	0.2500
2536:	61	7	54	60	7	53	408088.65667	408088.65663	0.00005	0.10000	0.00000	408088.65150	0.00517	0.2500
2537:	61	8	54	60	7	53	408088.65667	408088.66890	-0.01223	0.10000	0.00000	408088.65150	0.00517	0.2500
2538:	59	10	50	58	10	49	408137.59725	408137.45408	0.14317	0.10000	0.00000			
2539:	59	9	50	58	9	49	408144.05337	408143.83677	0.21660	0.10000	0.00000			
2540:	62	6	56	61	7	55	408263.77331	408263.76427	0.00904	0.10000	0.00000	408263.76472	0.00859	0.2500
2541:	62	7	56	61	7	55	408263.77331	408263.76458	0.00873	0.10000	0.00000	408263.76472	0.00859	0.2500
2542:	62	6	56	61	6	55	408263.77331	408263.76485	0.00846	0.10000	0.00000	408263.76472	0.00859	0.2500
2543:	62	7	56	61	6	55	408263.77331	408263.76516	0.00814	0.10000	0.00000	408263.76472	0.00859	0.2500
2544:	63	5	58	62	6	57	408507.58014	408507.58512	-0.00498	0.10000	0.00000	408507.58513	-0.00499	0.2500
2545:	63	6	58	62	5	57	408507.58014	408507.58514	-0.00500	0.10000	0.00000	408507.58513	-0.00499	0.2500
2546:	63	6	58	62	6	57	408507.58014	408507.58513	-0.00499	0.10000	0.00000	408507.58513	-0.00499	0.2500
2547:	63	5	58	62	5	57	408507.58014	408507.58513	-0.00499	0.10000	0.00000	408507.58513	-0.00499	0.2500
2548:	58	11	48	57	11	47	408535.51318	408535.50835	0.00483	0.10000	0.00000			
2549:	58	10	48	57	10	47	408638.63972	408638.64320	-0.00348	0.10000	0.00000			
2550:	57	23	35	56	23	34	408697.04477	408697.00347	0.04130	0.10000	0.00000	408697.00350	0.04127	0.5000
2551:	57	23	34	56	23	33	408697.04477	408697.00354	0.04124	0.10000	0.00000	408697.00350	0.04127	0.5000
2552:	56	13	44	55	13	43	408738.92182	408738.96059	-0.03877	0.10000	0.00000			

2553:	64	4	60	63	4	59	408795.03366	408795.02502	0.00864	0.10000	0.00000	408795.02502	0.00864	0.2500
2554:	64	4	60	63	5	59	408795.03366	408795.02502	0.00864	0.10000	0.00000	408795.02502	0.00864	0.2500
2555:	64	5	60	63	4	59	408795.03366	408795.02502	0.00864	0.10000	0.00000	408795.02502	0.00864	0.2500
2556:	64	5	60	63	5	59	408795.03366	408795.02502	0.00864	0.10000	0.00000	408795.02502	0.00864	0.2500
2557:	65	3	62	64	4	61	409109.94069	409109.94184	-0.00115	0.10000	0.00000	409109.94184	-0.00115	0.2500
2558:	65	4	62	64	3	61	409109.94069	409109.94184	-0.00115	0.10000	0.00000	409109.94184	-0.00115	0.2500
2559:	65	4	62	64	4	61	409109.94069	409109.94184	-0.00115	0.10000	0.00000	409109.94184	-0.00115	0.2500
2560:	65	3	62	64	3	61	409109.94069	409109.94184	-0.00115	0.10000	0.00000	409109.94184	-0.00115	0.2500
2561:	57	12	46	56	12	45	409154.74580	409154.75042	-0.00462	0.10000	0.00000			
2562:	57	22	35	56	22	34	409404.66925	409404.63955	0.02970	0.10000	0.00000	409404.63901	0.03024	0.5000
2563:	57	22	36	56	22	35	409404.66925	409404.63847	0.03078	0.10000	0.00000	409404.63901	0.03024	0.5000
2564:	66	2	64	65	2	63	409441.56002	409441.55064	0.00939	0.10000	0.00000	409441.55064	0.00939	0.2500
2565:	66	2	64	65	3	63	409441.56002	409441.55064	0.00939	0.10000	0.00000	409441.55064	0.00939	0.2500
2566:	66	3	64	65	2	63	409441.56002	409441.55064	0.00939	0.10000	0.00000	409441.55064	0.00939	0.2500
2567:	66	3	64	65	3	63	409441.56002	409441.55064	0.00939	0.10000	0.00000	409441.55064	0.00939	0.2500
2568:	67	1	66	66	2	65	409782.45067	409782.44409	0.00658	0.10000	0.00000	409782.44409	0.00658	0.2500
2569:	67	2	66	66	1	65	409782.45067	409782.44409	0.00658	0.10000	0.00000	409782.44409	0.00658	0.2500
2570:	67	2	66	66	2	65	409782.45067	409782.44409	0.00658	0.10000	0.00000	409782.44409	0.00658	0.2500
2571:	67	1	66	66	1	65	409782.45067	409782.44409	0.00658	0.10000	0.00000	409782.44409	0.00658	0.2500
2572:	56	16	41	55	16	40	409817.79688	409817.48323	0.31365	0.10000	0.00000			
2573:	31	14	18	30	13	17	409834.61624	409834.52950	0.08674	0.10000	0.00000	409834.59702	0.01922	0.5000
2574:	31	14	17	30	13	18	409834.61624	409834.66454	-0.04830	0.10000	0.00000	409834.59702	0.01922	0.5000
2575:	68	0	68	67	1	67	410127.44223	410127.42937	0.01286	0.10000	0.00000	410127.42937	0.01286	0.2500
2576:	68	1	68	67	0	67	410127.44223	410127.42937	0.01286	0.10000	0.00000	410127.42937	0.01286	0.2500
2577:	68	1	68	67	1	67	410127.44223	410127.42937	0.01286	0.10000	0.00000	410127.42937	0.01286	0.2500
2578:	68	0	68	67	0	67	410127.44223	410127.42937	0.01286	0.10000	0.00000	410127.42937	0.01286	0.2500
2579:	57	21	36	56	21	35	410230.80865	410230.79776	0.01088	0.10000	0.00000	410230.78954	0.01910	0.5000
2580:	57	21	37	56	21	36	410230.80865	410230.78132	0.02732	0.10000	0.00000	410230.78954	0.01910	0.5000
2581:	57	11	46	56	11	45	410311.53262	410311.58981	-0.05718	0.10000	0.00000			
2582:	29	15	14	28	14	15	410429.85386	410429.65538	0.19848	0.10000	0.00000	410429.65501	0.19884	0.5000
2583:	29	15	15	28	14	14	410429.85386	410429.65465	0.19921	0.10000	0.00000	410429.65501	0.19884	0.5000
2584:	56	16	40	55	16	39	410671.02288	410671.00292	0.01995	0.10000	0.00000			
2585:	27	16	12	26	15	11	410726.77464	410726.86005	-0.08541	0.10000	0.00000	410726.86005	-0.08541	0.5000
2586:	27	16	11	26	15	12	410726.77464	410726.86005	-0.08541	0.10000	0.00000	410726.86005	-0.08541	0.5000
2587:	25	17	8	24	16	9	410872.09865	410872.06135	0.03730	0.10000	0.00000	410872.06135	0.03730	0.5000
2588:	25	17	9	24	16	8	410872.09865	410872.06135	0.03730	0.10000	0.00000	410872.06135	0.03730	0.5000
2589:	23	18	6	22	17	5	410941.33751	410941.30474	0.03277	0.10000	0.00000	410941.30474	0.03277	0.5000
2590:	23	18	5	22	17	6	410941.33751	410941.30474	0.03277	0.10000	0.00000	410941.30474	0.03277	0.5000
2591:	21	19	3	20	18	2	410975.36785	410975.35450	0.01334	0.10000	0.00000	410975.35450	0.01334	0.5000
2592:	21	19	2	20	18	3	410975.36785	410975.35450	0.01334	0.10000	0.00000	410975.35450	0.01334	0.5000
2593:	54	13	41	53	13	40	410994.11033	410994.11580	-0.00547	0.10000	0.00000			
2594:	55	12	43	54	12	42	411116.98226	411116.97148	0.01078	0.10000	0.00000			
2595:	58	37	22	57	37	21	411197.59140	411197.66805	-0.07664	0.10000	0.00000	411197.66805	-0.07664	0.5000
2596:	58	37	21	57	37	20	411197.59140	411197.66805	-0.07664	0.10000	0.00000	411197.66805	-0.07664	0.5000
2597:	57	20	37	56	20	36	411209.86725	411209.96842	-0.10117	0.10000	0.00000	411209.85866	0.00859	0.5000
2598:	57	20	38	56	20	37	411209.86725	411209.74891	0.11834	0.10000	0.00000	411209.85866	0.00859	0.5000
2599:	58	36	22	57	36	21	411386.00983	411386.05146	-0.04162	0.10000	0.00000	411386.05146	-0.04162	0.5000
2600:	58	36	23	57	36	22	411386.00983	411386.05146	-0.04162	0.10000	0.00000	411386.05146	-0.04162	0.5000
2601:	58	35	24	57	35	23	411587.22972	411587.29188	-0.06216	0.10000	0.00000	411587.29188	-0.06216	0.5000

2602:	58	35	23	57	35	22	411587.22972	411587.29188	-0.06216	0.10000	0.00000	411587.29188	-0.06216	0.5000
2603:	56	15	42	55	15	41	411608.14072	411608.13084	0.00988	0.10000	0.00000			
2604:	56	14	43	55	14	42	411700.20535	411700.20869	-0.00334	0.10000	0.00000			
2605:	58	34	24	57	34	23	411803.05840	411803.10181	-0.04341	0.10000	0.00000			
2606:	36	12	25	35	11	24	411811.01432	411811.07741	-0.06308	0.10000	0.00000			
2607:	58	33	26	57	33	25	412035.43561	412035.47582	-0.04021	0.10000	0.00000	412035.47582	-0.04021	0.5000
2608:	58	33	25	57	33	24	412035.43561	412035.47582	-0.04021	0.10000	0.00000	412035.47582	-0.04021	0.5000
2609:	58	32	27	57	32	26	412286.64890	412286.75061	-0.10171	0.10000	0.00000	412286.75061	-0.10171	0.5000
2610:	58	32	26	57	32	25	412286.64890	412286.75061	-0.10171	0.10000	0.00000	412286.75061	-0.10171	0.5000
2611:	57	19	39	56	19	38	412391.53680	412391.55106	-0.01426	0.10000	0.00000			
2612:	57	19	38	56	19	37	412394.08549	412394.09010	-0.00461	0.10000	0.00000			
2613:	58	31	28	57	31	27	412559.63171	412559.68134	-0.04963	0.10000	0.00000			
2614:	58	31	27	57	31	26	412559.63171	412559.68134	-0.04963	0.10000	0.00000	412559.68134	-0.04963	0.5000
2615:	58	30	29	57	30	28	412857.52811	412857.53983	-0.01172	0.10000	0.00000	412857.53983	-0.01172	0.5000
2616:	58	30	28	57	30	27	412857.52811	412857.53983	-0.01172	0.10000	0.00000	412857.53983	-0.01172	0.5000
2617:	58	29	29	57	29	28	413184.23941	413184.24245	-0.00304	0.10000	0.00000	413184.24245	-0.00304	0.5000
2618:	58	29	30	57	29	29	413184.23941	413184.24245	-0.00304	0.10000	0.00000	413184.24245	-0.00304	0.5000
2619:	58	28	31	57	28	30	413544.56573	413544.51921	0.04652	0.10000	0.00000	413544.51921	0.04652	0.5000
2620:	58	28	30	57	28	29	413544.56573	413544.51921	0.04652	0.10000	0.00000	413544.51921	0.04652	0.5000
2621:	57	18	40	56	18	39	413848.27188	413848.28270	-0.01081	0.10000	0.00000			
2622:	57	18	39	56	18	38	413873.31652	413873.32590	-0.00938	0.10000	0.00000			
2623:	58	27	31	57	27	30	413944.13976	413944.14133	-0.00158	0.10000	0.00000	413944.14133	-0.00158	0.5000
2624:	58	27	32	57	27	31	413944.13976	413944.14133	-0.00158	0.10000	0.00000	413944.14133	-0.00158	0.5000
2625:	61	8	53	60	8	52	413962.17002	413962.25610	-0.08609	0.10000	0.00000	413962.17328	-0.00326	0.5000
2626:	61	9	53	60	9	52	413962.17002	413962.09045	0.07956	0.10000	0.00000	413962.17328	-0.00326	0.5000
2627:	62	8	55	61	8	54	414043.56576	414043.53208	0.03368	0.10000	0.00000	414043.53488	0.03088	0.2500
2628:	62	7	55	61	7	54	414043.56576	414043.53768	0.02808	0.10000	0.00000	414043.53488	0.03088	0.2500
2629:	62	8	55	61	7	54	414043.56576	414043.54435	0.02141	0.10000	0.00000	414043.53488	0.03088	0.2500
2630:	62	7	55	61	8	54	414043.56576	414043.52541	0.04035	0.10000	0.00000	414043.53488	0.03088	0.2500
2631:	60	10	51	59	10	50	414047.17119	414047.16132	0.00988	0.10000	0.00000			
2632:	60	9	51	59	9	50	414051.10597	414050.90842	0.19755	0.10000	0.00000			
2633:	63	6	57	62	7	56	414227.45062	414227.47570	-0.02508	0.10000	0.00000	414227.47594	-0.02532	0.2500
2634:	63	7	57	62	7	56	414227.45062	414227.47586	-0.02524	0.10000	0.00000	414227.47594	-0.02532	0.2500
2635:	63	6	57	62	6	56	414227.45062	414227.47601	-0.02539	0.10000	0.00000	414227.47594	-0.02532	0.2500
2636:	63	7	57	62	6	56	414227.45062	414227.47617	-0.02555	0.10000	0.00000	414227.47594	-0.02532	0.2500
2637:	58	26	33	57	26	32	414390.25697	414390.23338	0.02359	0.10000	0.00000	414390.23338	0.02359	0.5000
2638:	58	26	32	57	26	31	414390.25697	414390.23338	0.02359	0.10000	0.00000	414390.23338	0.02359	0.5000
2639:	59	11	49	58	11	48	414400.30050	414400.28988	0.01062	0.10000	0.00000			
2640:	59	10	49	58	10	48	414463.84483	414463.83896	0.00587	0.10000	0.00000			
2641:	64	5	59	63	5	58	414476.16343	414476.20799	-0.04456	0.10000	0.00000	414476.20799	-0.04455	0.2500
2642:	64	5	59	63	6	58	414476.16343	414476.20798	-0.004455	0.10000	0.00000	414476.20799	-0.04455	0.2500
2643:	64	6	59	63	5	58	414476.16343	414476.20799	-0.04456	0.10000	0.00000	414476.20799	-0.04455	0.2500
2644:	64	6	59	63	6	58	414476.16343	414476.20799	-0.04455	0.10000	0.00000	414476.20799	-0.04455	0.2500
2645:	55	14	41	54	14	40	414626.45977	414626.47116	-0.01139	0.10000	0.00000			
2646:	65	4	61	64	4	60	414766.35369	414766.35182	0.00187	0.10000	0.00000	414766.35182	0.00187	0.2500
2647:	65	4	61	64	5	60	414766.35369	414766.35182	0.00187	0.10000	0.00000	414766.35182	0.00187	0.2500
2648:	65	5	61	64	4	60	414766.35369	414766.35182	0.00187	0.10000	0.00000	414766.35182	0.00187	0.2500
2649:	65	5	61	64	5	60	414766.35369	414766.35182	0.00187	0.10000	0.00000	414766.35182	0.00187	0.2500
2650:	58	25	34	57	25	33	414891.67091	414891.71149	-0.04059	0.10000	0.00000	414891.71149	-0.04059	0.5000

2651:	58	25	33	57	25	32	414891.67091	414891.71149	-0.04059	0.10000	0.00000	414891.71149	-0.04059	0.5000
2652:	58	12	47	57	12	46	415035.85517	415035.84944	0.00573	0.10000	0.00000			
2653:	57	13	45	56	13	44	415038.06730	415038.07008	-0.00278	0.10000	0.00000			
2654:	66	3	63	65	3	62	415082.70896	415082.70984	-0.00088	0.10000	0.00000	415082.70984	-0.00088	0.2500
2655:	66	3	63	65	4	62	415082.70896	415082.70984	-0.00088	0.10000	0.00000	415082.70984	-0.00088	0.2500
2656:	66	4	63	65	3	62	415082.70896	415082.70984	-0.00088	0.10000	0.00000	415082.70984	-0.00088	0.2500
2657:	66	4	63	65	4	62	415082.70896	415082.70984	-0.00088	0.10000	0.00000	415082.70984	-0.00088	0.2500
2658:	51	30	22	51	29	23	415132.52510	415132.62366	-0.09856	0.10000	0.00000	415132.62366	-0.09856	0.5000
2659:	51	30	21	51	29	22	415132.52510	415132.62366	-0.09856	0.10000	0.00000	415132.62366	-0.09856	0.5000
2660:	67	2	65	66	2	64	415415.04085	415415.04476	-0.00391	0.10000	0.00000	415415.04476	-0.00391	0.2500
2661:	67	2	65	66	3	64	415415.04085	415415.04476	-0.00391	0.10000	0.00000	415415.04476	-0.00391	0.2500
2662:	67	3	65	66	2	64	415415.04085	415415.04476	-0.00391	0.10000	0.00000	415415.04476	-0.00391	0.2500
2663:	67	3	65	66	3	64	415415.04085	415415.04476	-0.00391	0.10000	0.00000	415415.04476	-0.00391	0.2500
2664:	58	24	35	57	24	34	415459.93425	415459.91567	0.01857	0.10000	0.00000	415459.91568	0.01857	0.5000
2665:	58	24	34	57	24	33	415459.93425	415459.91568	0.01857	0.10000	0.00000	415459.91568	0.01857	0.5000
2666:	57	17	41	56	17	40	415655.75717	415655.74916	0.00801	0.10000	0.00000			
2667:	68	1	67	67	2	66	415756.28953	415756.27656	0.01298	0.10000	0.00000	415756.27656	0.01298	0.2500
2668:	68	2	67	67	1	66	415756.28953	415756.27656	0.01298	0.10000	0.00000	415756.27656	0.01298	0.2500
2669:	68	2	67	67	2	66	415756.28953	415756.27656	0.01298	0.10000	0.00000	415756.27656	0.01298	0.2500
2670:	68	1	67	67	1	66	415756.28953	415756.27656	0.01298	0.10000	0.00000	415756.27656	0.01298	0.2500
2671:	58	11	47	57	11	46	415800.71973	415800.72158	-0.00185	0.10000	0.00000			
2672:	59	57	2	58	57	1	415821.99746	415821.40251	0.59495	0.10000	0.00000	415821.40251	0.59495	0.5000
2673:	59	57	3	58	57	2	415821.99746	415821.40251	0.59495	0.10000	0.00000	415821.40251	0.59495	0.5000
2674:	57	17	40	56	17	39	415861.19913	415861.20676	-0.00763	0.10000	0.00000			
2675:	69	0	69	68	1	68	416101.43093	416101.41154	0.01939	0.10000	0.00000	416101.41154	0.01939	0.2500
2676:	69	1	69	68	0	68	416101.43093	416101.41154	0.01939	0.10000	0.00000	416101.41154	0.01939	0.2500
2677:	69	1	69	68	1	68	416101.43093	416101.41154	0.01939	0.10000	0.00000	416101.41154	0.01939	0.2500
2678:	69	0	69	68	0	68	416101.43093	416101.41154	0.01939	0.10000	0.00000	416101.41154	0.01939	0.2500
2679:	58	23	36	57	23	35	416109.53797	416109.55196	-0.01399	0.10000	0.00000	416109.55203	-0.01406	0.5000
2680:	58	23	35	57	23	34	416109.53797	416109.55210	-0.01413	0.10000	0.00000	416109.55203	-0.01406	0.5000
2681:	32	14	18	31	13	19	416684.10988	416684.35324	-0.24336	0.10000	0.00000	416684.19112	-0.08124	0.5000
2682:	32	14	19	31	13	18	416684.10988	416684.02900	0.08088	0.10000	0.00000	416684.19112	-0.08124	0.5000
2683:	58	22	36	57	22	35	416860.15988	416860.15519	0.00469	0.10000	0.00000	416860.15404	0.00584	0.5000
2684:	58	22	37	57	22	36	416860.15988	416860.15290	0.00699	0.10000	0.00000	416860.15404	0.00584	0.5000
2685:	30	15	16	29	14	15	417384.20794	417384.18276	0.02518	0.10000	0.00000	417384.18379	0.02415	0.5000
2686:	30	15	15	29	14	16	417384.20794	417384.18483	0.02311	0.10000	0.00000	417384.18379	0.02415	0.5000
2687:	57	16	42	56	16	41	417725.48295	417725.49365	-0.01070	0.10000	0.00000	417384.18379	0.02415	0.5000
2688:	58	21	37	57	21	36	417738.61244	417738.48040	0.13204	0.10000	0.00000	417738.45310	0.15934	0.3333
2689:	27	5	23	26	3	24	417738.61244	417738.43189	0.18055	0.10000	0.00000	417738.45310	0.15934	0.3333
2690:	58	21	38	57	21	37	417738.61244	417738.44702	0.16543	0.10000	0.00000	417738.45310	0.15934	0.3333
2691:	26	17	9	25	16	10	417915.67456	417915.66111	0.01345	0.10000	0.00000	417915.66111	0.01345	0.5000
2692:	26	17	10	25	16	9	417915.67456	417915.66111	0.01345	0.10000	0.00000	417915.66111	0.01345	0.5000
2693:	24	18	7	23	17	6	418001.35275	418001.36948	-0.01673	0.10000	0.00000	418001.36948	-0.01673	0.5000
2694:	24	18	6	23	17	7	418001.35275	418001.36948	-0.01673	0.10000	0.00000	418001.36948	-0.01673	0.5000
2695:	59	39	21	58	39	20	418003.12172	418003.27051	-0.14879	0.10000	0.00000	418003.27051	-0.14879	0.5000
2696:	59	39	20	58	39	19	418003.12172	418003.27051	-0.14879	0.10000	0.00000	418003.27051	-0.14879	0.5000
2697:	22	19	3	21	18	4	418043.13572	418043.06092	0.07480	0.10000	0.00000	418043.06092	0.07480	0.5000
2698:	22	19	4	21	18	3	418043.13572	418043.06092	0.07480	0.10000	0.00000	418043.06092	0.07480	0.5000
2699:	20	20	1	19	19	0	418066.23710	418066.23371	0.00339	0.10000	0.00000	418066.23371	0.00339	0.5000

2700:	20	20	0	19	19	1	418066.23710	418066.23371	0.00339	0.10000	0.00000	418066.23371	0.00339	0.5000
2701:	59	38	22	58	38	21	418177.68321	418177.81901	-0.13580	0.10000	0.00000	418177.81901	-0.13580	0.5000
2702:	59	38	21	58	38	20	418177.68321	418177.81901	-0.13580	0.10000	0.00000	418177.81901	-0.13580	0.5000
2703:	59	37	22	58	37	21	418362.89316	418363.04723	-0.15407	0.10000	0.00000	418363.04723	-0.15407	0.5000
2704:	59	37	23	58	37	22	418362.89316	418363.04723	-0.15407	0.10000	0.00000	418363.04723	-0.15407	0.5000
2705:	59	36	24	58	36	23	418560.16965	418560.31031	-0.14066	0.10000	0.00000	418560.31031	-0.14066	0.5000
2706:	59	36	23	58	36	22	418560.16965	418560.31031	-0.14066	0.10000	0.00000	418560.31031	-0.14066	0.5000
2707:	55	13	42	54	13	41	418580.61222	418580.62723	-0.01500	0.10000	0.00000			
2708:	57	14	44	56	14	43	418737.91486	418737.92041	-0.00555	0.10000	0.00000			
2709:	59	35	24	58	35	23	418771.14957	418771.17131	-0.02174	0.10000	0.00000	418771.17131	-0.02174	0.5000
2710:	59	35	25	58	35	24	418771.14957	418771.17131	-0.02174	0.10000	0.00000	418771.17131	-0.02174	0.5000
2711:	58	20	38	57	20	37	418782.53075	418782.77962	-0.24887	0.10000	0.00000	418782.56691	-0.03616	0.5000
2712:	58	20	39	57	20	38	418782.53075	418782.35421	0.17655	0.10000	0.00000	418782.56691	-0.03616	0.5000
2713:	59	34	26	58	34	25	418997.39277	418997.44214	-0.04937	0.10000	0.00000	418997.44214	-0.04937	0.5000
2714:	59	34	25	58	34	24	418997.39277	418997.44214	-0.04937	0.10000	0.00000	418997.44214	-0.04937	0.5000
2715:	57	16	41	56	16	40	419061.72120	419061.71863	0.00258	0.10000	0.00000			
2716:	59	33	26	58	33	25	419241.17521	419241.23468	-0.05947	0.10000	0.00000	419241.23468	-0.05947	0.5000
2717:	59	33	27	58	33	26	419241.17521	419241.23468	-0.05947	0.10000	0.00000	419241.23468	-0.05947	0.5000
2718:	57	15	43	56	15	42	419297.64898	419297.56596	0.08303	0.10000	0.00000			
2719:	59	32	28	58	32	27	419504.97847	419505.02516	-0.04670	0.10000	0.00000	419505.02516	-0.04670	0.5000
2720:	59	32	27	58	32	26	419504.97847	419505.02516	-0.04670	0.10000	0.00000	419505.02516	-0.04670	0.5000
2721:	59	31	29	58	31	27	419791.72905	419791.73617	-0.00712	0.10000	0.00000	419791.73617	-0.00712	0.5000
2722:	59	31	28	58	31	28	419791.72905	419791.73617	-0.00712	0.10000	0.00000	419791.73617	-0.00712	0.5000
2723:	62	8	54	61	8	53	419902.83486	419902.88259	-0.04774	0.10000	0.00000	419902.89059	-0.05573	0.3333
2724:	62	9	54	61	8	53	419902.83486	419902.99973	-0.16487	0.10000	0.00000	419902.89059	-0.05573	0.3333
2725:	62	9	54	61	9	53	419902.83486	419902.78945	0.04541	0.10000	0.00000	419902.89059	-0.05573	0.3333
2726:	61	10	52	60	10	51	419961.07919	419961.13530	-0.05611	0.10000	0.00000			
2727:	61	9	52	60	9	51	419963.32515	419963.32150	0.03065	0.10000	0.00000			
2728:	63	7	56	62	8	55	419998.92670	419998.93092	-0.00421	0.10000	0.00000	419998.93605	-0.00935	0.2500
2729:	63	8	56	62	8	55	419998.92670	419998.93452	-0.00782	0.10000	0.00000	419998.93605	-0.00935	0.2500
2730:	63	7	56	62	7	55	419998.92670	419998.93758	-0.01087	0.10000	0.00000	419998.93605	-0.00935	0.2500
2731:	63	8	56	62	7	55	419998.92670	419998.94118	-0.01448	0.10000	0.00000	419998.93605	-0.00935	0.2500
2732:	58	19	40	57	19	39	420047.43932	420047.37439	0.06493	0.10000	0.00000			
2733:	58	19	39	57	19	38	420052.11625	420052.06099	0.05526	0.10000	0.00000			
2734:	59	30	29	58	30	28	420104.82693	420104.84236	-0.01544	0.10000	0.00000	420104.84236	-0.01544	0.5000
2735:	59	30	30	58	30	29	420104.82693	420104.84236	-0.01544	0.10000	0.00000	420104.84236	-0.01544	0.5000
2736:	64	7	58	63	7	57	420191.07234	420191.07468	-0.00234	0.10000	0.00000	420191.07472	-0.00238	0.2500
2737:	64	6	58	63	6	57	420191.07234	420191.07475	-0.00241	0.10000	0.00000	420191.07472	-0.00238	0.2500
2738:	64	7	58	63	6	57	420191.07234	420191.07484	-0.00250	0.10000	0.00000	420191.07472	-0.00238	0.2500
2739:	64	6	58	63	7	57	420191.07234	420191.07459	-0.00225	0.10000	0.00000	420191.07472	-0.00238	0.2500
2740:	60	11	50	59	11	49	420270.53241	420270.30303	0.22939	0.10000	0.00000			
2741:	60	10	50	59	10	49	420309.11178	420309.11457	-0.00279	0.10000	0.00000			
2742:	65	5	60	64	6	59	420444.40356	420444.40838	-0.00481	0.10000	0.00000	420444.40838	-0.00482	0.2500
2743:	65	6	60	64	5	59	420444.40356	420444.40838	-0.00482	0.10000	0.00000	420444.40838	-0.00482	0.2500
2744:	65	6	60	64	6	59	420444.40356	420444.40838	-0.00482	0.10000	0.00000	420444.40838	-0.00482	0.2500
2745:	65	5	60	64	5	59	420444.40356	420444.40838	-0.00482	0.10000	0.00000	420444.40838	-0.00482	0.2500
2746:	57	12	45	56	12	44	420470.15426	420470.14631	0.00796	0.10000	0.00000			
2747:	66	4	62	65	5	61	420737.10608	420737.10466	0.00142	0.10000	0.00000	420737.10466	0.00142	0.2500
2748:	66	5	62	65	4	61	420737.10608	420737.10466	0.00142	0.10000	0.00000	420737.10466	0.00142	0.2500

2749:	66	5	62	65	5	61	420737.10608	420737.10466	0.00142	0.10000	0.00000	420737.10466	0.00142	0.2500
2750:	66	4	62	65	4	61	420737.10608	420737.10466	0.00142	0.10000	0.00000	420737.10466	0.00142	0.2500
2751:	59	28	31	58	28	30	420827.78376	420827.77369	0.01007	0.10000	0.00000	420827.77369	0.01007	0.5000
2752:	59	28	32	58	28	31	420827.78376	420827.77369	0.01007	0.10000	0.00000	420827.77369	0.01007	0.5000
2753:	59	12	48	58	12	47	420893.16180	420893.12474	0.03707	0.10000	0.00000			
2754:	67	3	64	66	4	63	421054.84737	421054.83309	0.01428	0.10000	0.00000	421054.83309	0.01428	0.2500
2755:	67	4	64	66	3	63	421054.84737	421054.83309	0.01428	0.10000	0.00000	421054.83309	0.01428	0.2500
2756:	67	4	64	66	4	63	421054.84737	421054.83309	0.01428	0.10000	0.00000	421054.83309	0.01428	0.2500
2757:	67	3	64	66	3	63	421054.84737	421054.83309	0.01428	0.10000	0.00000	421054.83309	0.01428	0.2500
2758:	58	13	46	57	13	45	421203.25932	421203.27708	-0.01776	0.10000	0.00000			
2759:	59	27	33	58	27	32	421248.80848	421248.79739	0.01108	0.10000	0.00000	421248.79739	0.01108	0.5000
2760:	59	27	32	58	27	31	421248.80848	421248.79739	0.01108	0.10000	0.00000	421248.79739	0.01108	0.5000
2761:	68	2	66	67	2	65	421387.86829	421387.86425	0.00404	0.10000	0.00000	421387.86425	0.00404	0.2500
2762:	68	2	66	67	3	65	421387.86829	421387.86425	0.00404	0.10000	0.00000	421387.86425	0.00404	0.2500
2763:	68	3	66	67	2	65	421387.86829	421387.86425	0.00404	0.10000	0.00000	421387.86425	0.00404	0.2500
2764:	68	3	66	67	3	65	421387.86829	421387.86425	0.00404	0.10000	0.00000	421387.86425	0.00404	0.2500
2765:	59	11	48	58	11	47	421391.10589	421391.05544	0.05044	0.10000	0.00000			
2766:	58	18	41	57	18	40	421611.15380	421611.15925	-0.00545	0.10000	0.00000			
2767:	58	18	40	57	18	39	421655.02570	421655.03319	-0.00749	0.10000	0.00000			
2768:	59	26	34	58	26	33	421719.29251	421719.20284	0.08968	0.10000	0.00000	421719.20284	0.08968	0.5000
2769:	59	26	33	58	26	32	421719.29251	421719.20284	0.08968	0.10000	0.00000	421719.20284	0.08968	0.5000
2770:	69	1	68	68	1	67	421729.43444	421729.42435	0.01008	0.10000	0.00000	421729.42435	0.01008	0.2500
2771:	69	1	68	68	2	67	421729.43444	421729.42435	0.01008	0.10000	0.00000	421729.42435	0.01008	0.2500
2772:	69	2	68	68	1	67	421729.43444	421729.42435	0.01008	0.10000	0.00000	421729.42435	0.01008	0.2500
2773:	69	2	68	68	2	67	421729.43444	421729.42435	0.01008	0.10000	0.00000	421729.42435	0.01008	0.2500
2774:	70	0	70	69	1	69	422074.70263	422074.70744	-0.00481	0.10000	0.00000	422074.70744	-0.00481	0.2500
2775:	70	1	70	69	0	69	422074.70263	422074.70744	-0.00481	0.10000	0.00000	422074.70744	-0.00481	0.2500
2776:	70	1	70	69	1	69	422074.70263	422074.70744	-0.00481	0.10000	0.00000	422074.70744	-0.00481	0.2500
2777:	70	0	70	69	0	69	422074.70263	422074.70744	-0.00481	0.10000	0.00000	422074.70744	-0.00481	0.2500
2778:	59	25	34	58	25	33	422248.56460	422248.55863	0.00597	0.10000	0.00000	422248.55863	0.00597	0.5000
2779:	59	25	35	58	25	34	422248.56460	422248.55863	0.00597	0.10000	0.00000	422248.55863	0.00597	0.5000
2780:	59	24	35	58	24	34	422849.11368	422849.08018	0.03350	0.10000	0.00000	422849.08017	0.03351	0.5000
2781:	59	24	36	58	24	35	422849.11368	422849.08016	0.03352	0.10000	0.00000	422849.08017	0.03351	0.5000
2782:	58	17	42	57	17	41	423535.43184	423535.61733	-0.18549	0.10000	0.00000			
2783:	59	23	36	58	23	35	423536.74529	423536.68406	0.06123	0.10000	0.00000	423536.68391	0.06138	0.5000
2784:	59	23	37	58	23	36	423536.74529	423536.68376	0.06153	0.10000	0.00000	423536.68391	0.06138	0.5000
2785:	58	17	41	57	17	40	423874.81662	423874.89342	-0.07680	0.10000	0.00000			
2786:	56	14	42	55	14	41	424037.60140	424037.61044	-0.00904	0.10000	0.00000			
2787:	31	15	16	30	14	17	424318.29430	424318.22653	0.06778	0.10000	0.00000	424318.22372	0.07059	0.5000
2788:	31	15	17	30	14	16	424318.29430	424318.22090	0.07340	0.10000	0.00000	424318.22372	0.07059	0.5000
2789:	59	22	37	58	22	36	424332.64099	424332.64290	-0.00192	0.10000	0.00000	424332.64051	0.00048	0.5000
2790:	59	22	38	58	22	37	424332.64099	424332.63811	0.00288	0.10000	0.00000	424332.64051	0.00048	0.5000
2791:	60	43	17	59	43	16	424516.63354	424516.57091	0.06263	0.10000	0.00000	424516.57091	0.06263	0.5000
2792:	60	43	18	59	43	17	424516.63354	424516.57091	0.06263	0.10000	0.00000	424516.57091	0.06263	0.5000
2793:	29	16	14	28	15	13	424738.71897	424738.69257	0.02640	0.10000	0.00000	424738.69258	0.02639	0.5000
2794:	29	16	13	28	15	14	424738.71897	424738.69259	0.02638	0.10000	0.00000	424738.69258	0.02639	0.5000
2795:	27	17	11	26	16	10	424951.84289	424951.90124	-0.05835	0.10000	0.00000	424951.90124	-0.05835	0.5000
2796:	27	17	10	26	16	11	424951.84289	424951.90124	-0.05835	0.10000	0.00000	424951.90124	-0.05835	0.5000
2797:	23	19	4	22	18	5	425108.62099	425108.62905	-0.00806	0.10000	0.00000	425108.62905	-0.00806	0.5000

2798:	23	19	5	22	18	4	425108.62099	425108.62905	-0.00806	0.10000	0.00000	425108.62905	-0.00806	0.5000
2799:	21	20	2	20	19	1	425135.44745	425135.60408	-0.15663	0.10000	0.00000	425135.60408	-0.15663	0.5000
2800:	21	20	1	20	19	2	425135.44745	425135.60408	-0.15663	0.10000	0.00000	425135.60408	-0.15663	0.5000
2801:	58	12	46	57	12	45	425209.69667	425209.68446	0.01222	0.10000	0.00000	425209.68446	0.01222	0.5000
2802:	59	21	38	58	21	37	425266.32964	425266.33991	-0.01027	0.10000	0.00000	425266.30655	0.02309	0.5000
2803:	59	21	39	58	21	38	425266.32964	425266.27319	0.05645	0.10000	0.00000	425266.30655	0.02309	0.5000
2804:	57	15	42	56	15	41	425344.49857	425344.49879	-0.00022	0.10000	0.00000			
2805:	56	13	43	55	13	42	425418.87798	425418.94894	-0.07095	0.10000	0.00000			
2806:	60	37	24	59	37	23	425532.18586	425532.35918	-0.17332	0.10000	0.00000	425532.35918	-0.17332	0.5000
2807:	60	37	23	59	37	22	425532.18586	425532.35918	-0.17332	0.10000	0.00000	425532.35918	-0.17332	0.5000
2808:	58	14	45	57	14	44	425584.57103	425584.58087	-0.00984	0.10000	0.00000			
2809:	58	16	43	57	16	42	425624.94695	425624.94409	0.00286	0.10000	0.00000			
2810:	60	36	24	59	36	23	425738.68362	425738.80600	-0.12238	0.10000	0.00000	425738.80600	-0.12238	0.5000
2811:	60	36	25	59	36	24	425738.68362	425738.80600	-0.12238	0.10000	0.00000	425738.80600	-0.12238	0.5000
2812:	63	9	55	62	9	54	425845.06870	425845.04311	0.02560	0.10000	0.00000	425845.06918	-0.00047	0.2500
2813:	63	8	55	62	8	54	425845.06870	425845.09525	-0.02655	0.10000	0.00000	425845.06918	-0.00047	0.2500
2814:	63	9	55	62	8	54	425845.06870	425845.16024	-0.09154	0.10000	0.00000	425845.06918	-0.00047	0.2500
2815:	63	8	55	62	9	54	425845.06870	425844.97812	0.09059	0.10000	0.00000	425845.06918	-0.00047	0.2500
2816:	62	10	53	61	10	52	425878.84545	425878.93142	-0.08597	0.10000	0.00000			
2817:	62	9	53	61	9	52	425880.51317	425880.19949	0.31368	0.10000	0.00000			
2818:	64	8	57	63	8	56	425954.78824	425954.73564	0.05260	0.10000	0.00000	425954.73647	0.05177	0.2500
2819:	64	7	57	63	7	56	425954.78824	425954.73730	0.05094	0.10000	0.00000	425954.73647	0.05177	0.2500
2820:	64	8	57	63	7	56	425954.78824	425954.73925	0.04900	0.10000	0.00000	425954.73647	0.05177	0.2500
2821:	64	7	57	63	8	56	425954.78824	425954.73370	0.05454	0.10000	0.00000	425954.73647	0.05177	0.2500
2822:	60	35	25	59	35	24	425959.35073	425959.62221	-0.27148	0.10000	0.00000	425959.62221	-0.27148	0.5000
2823:	60	35	26	59	35	25	425959.35073	425959.62221	-0.27148	0.10000	0.00000	425959.62221	-0.27148	0.5000
2824:	61	11	51	60	11	50	426146.22516	426146.24281	-0.01765	0.10000	0.00000			
2825:	65	7	59	64	7	58	426154.50122	426154.50373	-0.00251	0.10000	0.00000	426154.50375	-0.00253	0.2500
2826:	65	6	59	64	6	58	426154.50122	426154.50377	-0.00255	0.10000	0.00000	426154.50375	-0.00253	0.2500
2827:	65	7	59	64	6	58	426154.50122	426154.50382	-0.00260	0.10000	0.00000	426154.50375	-0.00253	0.2500
2828:	65	6	59	64	7	58	426154.50122	426154.50368	-0.00247	0.10000	0.00000	426154.50375	-0.00253	0.2500
2829:	61	10	51	60	10	50	426169.82111	426169.75307	0.06804	0.10000	0.00000			
2830:	60	34	27	59	34	26	426196.66936	426196.72386	-0.05451	0.10000	0.00000	426196.72386	-0.05451	0.5000
2831:	60	34	26	59	34	25	426196.66936	426196.72386	-0.05451	0.10000	0.00000	426196.72386	-0.05451	0.5000
2832:	66	5	61	65	5	60	426412.19993	426412.15601	0.04392	0.10000	0.00000	426412.15601	0.04392	0.2500
2833:	66	5	61	65	6	60	426412.19993	426412.15600	0.04392	0.10000	0.00000	426412.15601	0.04392	0.2500
2834:	66	6	61	65	5	60	426412.19993	426412.15601	0.04392	0.10000	0.00000	426412.15601	0.04392	0.2500
2835:	66	6	61	65	6	60	426412.19993	426412.15601	0.04392	0.10000	0.00000	426412.15601	0.04392	0.2500
2836:	60	33	28	59	33	27	426452.30883	426452.34591	-0.03707	0.10000	0.00000	426452.34591	-0.03707	0.5000
2837:	60	33	27	59	33	26	426452.30883	426452.34591	-0.03707	0.10000	0.00000	426452.34591	-0.03707	0.5000
2838:	67	4	63	66	5	62	426707.26514	426707.26532	-0.00018	0.10000	0.00000	426707.26532	-0.00018	0.2500
2839:	67	5	63	66	4	62	426707.26514	426707.26532	-0.00018	0.10000	0.00000	426707.26532	-0.00018	0.2500
2840:	67	5	63	66	5	62	426707.26514	426707.26532	-0.00018	0.10000	0.00000	426707.26532	-0.00018	0.2500
2841:	67	4	63	66	4	62	426707.26514	426707.26532	-0.00018	0.10000	0.00000	426707.26532	-0.00018	0.2500
2842:	60	12	49	59	12	48	426737.74146	426737.66996	0.07151	0.10000	0.00000			
2843:	58	15	44	57	15	43	426870.35203	426870.32973	0.02231	0.10000	0.00000			
2844:	68	3	65	67	3	64	427026.30232	427026.29861	0.00371	0.10000	0.00000	427026.29861	0.00371	0.2500
2845:	68	3	65	67	4	64	427026.30232	427026.29861	0.00371	0.10000	0.00000	427026.29861	0.00371	0.2500
2846:	68	4	65	67	3	64	427026.30232	427026.29861	0.00371	0.10000	0.00000	427026.29861	0.00371	0.2500

2847:	68	4	65	67	4	64	427026.30232	427026.29861	0.00371	0.10000	0.00000	427026.29861	0.00371	0.2500
2848:	60	31	30	59	31	29	427030.03905	427030.11871	-0.07966	0.10000	0.00000	427030.11871	-0.07966	0.5000
2849:	60	31	29	59	31	28	427030.03905	427030.11871	-0.07966	0.10000	0.00000	427030.11871	-0.07966	0.5000
2850:	60	11	49	59	11	48	427057.46627	427057.48705	-0.02078	0.10000	0.00000			
2851:	59	13	47	58	13	46	427259.16194	427259.16424	-0.00230	0.10000	0.00000			
2852:	69	2	67	68	2	66	427359.98987	427359.99826	-0.00839	0.10000	0.00000	427359.99826	-0.00839	0.2500
2853:	69	2	67	68	3	66	427359.98987	427359.99826	-0.00839	0.10000	0.00000	427359.99826	-0.00839	0.2500
2854:	69	3	67	68	2	66	427359.98987	427359.99826	-0.00839	0.10000	0.00000	427359.99826	-0.00839	0.2500
2855:	69	3	67	68	3	66	427359.98987	427359.99826	-0.00839	0.10000	0.00000	427359.99826	-0.00839	0.2500
2856:	58	16	42	57	16	41	427667.64404	427667.58521	0.05882	0.10000	0.00000			
2857:	70	1	69	69	1	68	427701.87651	427701.87735	-0.00085	0.10000	0.00000	427701.87735	-0.00085	0.2500
2858:	70	1	69	69	2	68	427701.87651	427701.87735	-0.00085	0.10000	0.00000	427701.87735	-0.00085	0.2500
2859:	70	2	69	69	1	68	427701.87651	427701.87735	-0.00085	0.10000	0.00000	427701.87735	-0.00085	0.2500
2860:	70	2	69	69	2	68	427701.87651	427701.87735	-0.00085	0.10000	0.00000	427701.87735	-0.00085	0.2500
2861:	60	29	32	59	29	31	427720.33011	427720.35486	-0.02476	0.10000	0.00000	427720.35486	-0.02476	0.5000
2862:	60	29	31	59	29	30	427720.33011	427720.35486	-0.02476	0.10000	0.00000	427720.35486	-0.02476	0.5000
2863:	59	19	41	58	19	40	427733.93595	427733.91289	0.02306	0.10000	0.00000			
2864:	59	19	40	58	19	39	427742.45389	427742.42713	0.02676	0.10000	0.00000			
2865:	71	0	71	70	0	70	428047.31595	428047.30712	0.00884	0.10000	0.00000	428047.30712	0.00884	0.2500
2866:	71	0	71	70	1	70	428047.31595	428047.30712	0.00884	0.10000	0.00000	428047.30712	0.00884	0.2500
2867:	71	1	71	70	0	70	428047.31595	428047.30712	0.00884	0.10000	0.00000	428047.30712	0.00884	0.2500
2868:	71	1	71	70	1	70	428047.31595	428047.30712	0.00884	0.10000	0.00000	428047.30712	0.00884	0.2500
2869:	60	28	33	59	28	32	428119.37679	428119.37808	-0.00129	0.10000	0.00000	428119.37808	-0.00129	0.5000
2870:	60	28	32	59	28	31	428119.37679	428119.37808	-0.00129	0.10000	0.00000	428119.37808	-0.00129	0.5000
2871:	60	27	33	59	27	32	428562.73257	428562.70158	0.03099	0.10000	0.00000	428562.70158	0.03099	0.5000
2872:	60	27	34	59	27	33	428562.73257	428562.70158	0.03099	0.10000	0.00000	428562.70158	0.03099	0.5000
2873:	60	26	35	59	26	34	429058.46036	429058.48269	-0.02232	0.10000	0.00000	429058.48269	-0.02232	0.5000
2874:	60	26	34	59	26	33	429058.46036	429058.48269	-0.02232	0.10000	0.00000	429058.48269	-0.02232	0.5000
2875:	59	18	41	58	18	40	429486.53379	429486.53437	-0.00058	0.10000	0.00000			
2876:	60	25	36	59	25	35	429617.02619	429616.99337	0.03282	0.10000	0.00000	429616.99337	0.03282	0.5000
2877:	60	25	35	59	25	34	429617.02619	429616.99337	0.03282	0.10000	0.00000	429616.99337	0.03282	0.5000
2878:	59	12	47	58	12	46	430118.65590	430118.68332	-0.02742	0.10000	0.00000			
2879:	60	24	37	59	24	36	430251.41358	430251.39922	0.01436	0.10000	0.00000	430251.39924	0.01434	0.5000
2880:	60	24	36	59	24	35	430251.41358	430251.39926	0.01433	0.10000	0.00000	430251.39924	0.01434	0.5000
2881:	60	23	37	59	23	36	430978.91842	430978.94227	-0.02385	0.10000	0.00000	430978.94194	-0.02353	0.5000
2882:	60	23	38	59	23	37	430978.91842	430978.94162	-0.02320	0.10000	0.00000	430978.94194	-0.02353	0.5000
2883:	32	15	18	31	14	17	431229.41492	431229.44437	-0.02945	0.10000	0.00000	431229.45171	-0.03679	0.5000
2884:	32	15	17	31	14	18	431229.41492	431229.45906	-0.04414	0.10000	0.00000	431229.45171	-0.03679	0.5000
2885:	59	17	43	58	17	42	431444.98156	431444.90907	0.07249	0.10000	0.00000			
2886:	57	13	44	56	13	43	431519.12830	431519.13059	-0.00229	0.10000	0.00000			
2887:	30	16	15	29	15	14	431724.61731	431724.56473	0.05259	0.10000	0.00000	431724.56476	0.05256	0.5000
2888:	30	16	14	29	15	15	431724.61731	431724.56479	0.05252	0.10000	0.00000	431724.56476	0.05256	0.5000
2889:	64	8	56	63	9	55	431788.63884	431788.58965	0.04919	0.10000	0.00000	431788.64011	-0.00126	0.2500
2890:	64	9	56	63	9	55	431788.63884	431788.62557	0.01327	0.10000	0.00000	431788.64011	-0.00126	0.2500
2891:	64	8	56	63	8	55	431788.63884	431788.65464	-0.01580	0.10000	0.00000	431788.64011	-0.00126	0.2500
2892:	64	9	56	63	8	55	431788.63884	431788.69056	-0.05172	0.10000	0.00000	431788.64011	-0.00126	0.2500
2893:	60	22	38	59	22	37	431822.84069	431822.81964	0.02106	0.10000	0.00000	431822.81471	0.02599	0.5000
2894:	60	22	39	59	22	38	431822.84069	431822.80978	0.03092	0.10000	0.00000	431822.81471	0.02599	0.5000
2895:	65	7	58	64	8	57	431910.65744	431910.82830	-0.17086	0.10000	0.00000	431910.82979	-0.17235	0.2500

2896:	65	8	58	64	8	57	431910.65744	431910.82934	-0.17190	0.10000	0.00000	431910.82979	-0.17235	0.2500
2897:	65	7	58	64	7	57	431910.65744	431910.83024	-0.17280	0.10000	0.00000	431910.82979	-0.17235	0.2500
2898:	65	8	58	64	7	57	431910.65744	431910.83129	-0.17384	0.10000	0.00000	431910.82979	-0.17235	0.2500
2899:	28	17	12	27	16	11	431979.70957	431979.74916	-0.03959	0.10000	0.00000	431979.74916	-0.03959	0.5000
2900:	28	17	11	27	16	12	431979.70957	431979.74916	-0.03959	0.10000	0.00000	431979.74916	-0.03959	0.5000
2901:	59	17	42	58	17	41	431994.84378	431994.81726	0.02652	0.10000	0.00000			
2902:	62	11	52	61	11	51	432028.33471	432028.24843	0.08628	0.10000	0.00000			
2903:	62	10	52	61	10	51	432042.36707	432042.38208	-0.01501	0.10000	0.00000			
2904:	26	18	9	25	17	8	432108.26018	432108.23399	0.02619	0.10000	0.00000	432108.23399	0.02619	0.5000
2905:	26	18	8	25	17	9	432108.26018	432108.23399	0.02619	0.10000	0.00000	432108.23399	0.02619	0.5000
2906:	66	6	60	65	7	59	432117.72280	432117.71050	0.01231	0.10000	0.00000	432117.71053	0.01227	0.2500
2907:	66	6	60	65	6	59	432117.72280	432117.71054	0.01226	0.10000	0.00000	432117.71053	0.01227	0.2500
2908:	66	7	60	65	6	59	432117.72280	432117.71057	0.01224	0.10000	0.00000	432117.71053	0.01227	0.2500
2909:	66	7	60	65	7	59	432117.72280	432117.71052	0.01228	0.10000	0.00000	432117.71053	0.01227	0.2500
2910:	24	19	6	23	18	5	432171.56636	432171.54581	0.02055	0.10000	0.00000	432171.54581	0.02055	0.5000
2911:	24	19	5	23	18	6	432171.56636	432171.54581	0.02055	0.10000	0.00000	432171.54581	0.02055	0.5000
2912:	22	20	3	21	19	2	432203.79412	432203.77288	0.02124	0.10000	0.00000	432203.77288	0.02124	0.5000
2913:	22	20	2	21	19	3	432203.79412	432203.77288	0.02124	0.10000	0.00000	432203.77288	0.02124	0.5000
2914:	59	14	46	58	14	45	432241.59607	432241.56013	0.03594	0.10000	0.00000			
2915:	61	39	23	60	39	22	432312.14397	432312.56780	-0.42383	0.10000	0.00000	432312.56780	-0.42383	0.5000
2916:	61	39	22	60	39	21	432312.14397	432312.56780	-0.42383	0.10000	0.00000	432312.56780	-0.42383	0.5000
2917:	67	5	62	66	6	61	432379.42355	432379.42247	0.00108	0.10000	0.00000	432379.42247	0.00108	0.2500
2918:	67	5	62	66	5	61	432379.42355	432379.42247	0.00108	0.10000	0.00000	432379.42247	0.00108	0.2500
2919:	67	6	62	66	5	61	432379.42355	432379.42247	0.00108	0.10000	0.00000	432379.42247	0.00108	0.2500
2920:	67	6	62	66	6	61	432379.42355	432379.42247	0.00108	0.10000	0.00000	432379.42247	0.00108	0.2500
2921:	61	12	50	60	12	49	432577.41560	432577.39095	0.02465	0.10000	0.00000			
2922:	68	4	64	67	4	63	432676.80737	432676.81630	-0.00893	0.10000	0.00000	432676.81630	-0.00893	0.2500
2923:	68	4	64	67	5	63	432676.80737	432676.81630	-0.00893	0.10000	0.00000	432676.81630	-0.00893	0.2500
2924:	68	5	64	67	4	63	432676.80737	432676.81630	-0.00893	0.10000	0.00000	432676.81630	-0.00893	0.2500
2925:	68	5	64	67	5	63	432676.80737	432676.81630	-0.00893	0.10000	0.00000	432676.81630	-0.00893	0.2500
2926:	61	37	25	60	37	24	432705.50724	432705.67877	-0.17153	0.10000	0.00000	432705.67877	-0.17153	0.5000
2927:	61	37	24	60	37	23	432705.50724	432705.67877	-0.17153	0.10000	0.00000	432705.67877	-0.17153	0.5000
2928:	102	27	75	101	28	74	432780.44203	432782.96635	-2.52433	0.10000	0.00000	432781.67167	-1.22964	0.5000
2929:	61	11	50	60	11	49	432780.44203	432780.37699	0.06504	0.10000	0.00000	432781.67167	-1.22964	0.5000
2930:	60	21	40	59	21	39	432815.33255	432815.24279	0.08976	0.10000	0.00000	432815.30841	0.02414	0.5000
2931:	60	21	39	59	21	38	432815.33255	432815.37403	-0.04148	0.10000	0.00000	432815.30841	0.02414	0.5000
2932:	61	36	26	60	36	25	432921.49705	432921.62066	-0.12361	0.10000	0.00000	432921.62066	-0.12361	0.5000
2933:	61	36	25	60	36	24	432921.49705	432921.62066	-0.12361	0.10000	0.00000	432921.62066	-0.12361	0.5000
2934:	69	3	66	68	3	65	432996.83617	432997.09369	-0.25752	0.10000	0.00000	432997.09369	-0.25752	0.2500
2935:	69	3	66	68	4	65	432996.83617	432997.09369	-0.25752	0.10000	0.00000	432997.09369	-0.25752	0.2500
2936:	69	4	66	68	3	65	432996.83617	432997.09369	-0.25752	0.10000	0.00000	432997.09369	-0.25752	0.2500
2937:	69	4	66	68	4	65	432996.83617	432997.09369	-0.25752	0.10000	0.00000	432997.09369	-0.25752	0.2500
2938:	57	14	43	56	14	42	433050.01247	433050.03123	-0.01876	0.10000	0.00000			
2939:	61	35	27	60	35	26	433152.65096	433152.73503	-0.08407	0.10000	0.00000	433152.73503	-0.08407	0.5000
2940:	61	35	26	60	35	25	433152.65096	433152.73503	-0.08407	0.10000	0.00000	433152.73503	-0.08407	0.5000
2941:	60	13	48	59	13	47	433230.31612	433230.26705	0.04907	0.10000	0.00000			
2942:	70	2	68	69	2	67	433331.44950	433331.43601	0.01349	0.10000	0.00000	433331.43601	0.01349	0.2500
2943:	70	2	68	69	3	67	433331.44950	433331.43601	0.01349	0.10000	0.00000	433331.43601	0.01349	0.2500
2944:	70	3	68	69	2	67	433331.44950	433331.43601	0.01349	0.10000	0.00000	433331.43601	0.01349	0.2500

2945:	70	3	68	69	3	67	433331.44950	433331.43601	0.01349	0.10000	0.00000	433331.43601	0.01349	0.2500
2946:	61	34	28	60	34	27	433400.99181	433401.04701	-0.05520	0.10000	0.00000	433401.04701	-0.05520	0.5000
2947:	61	34	27	60	34	26	433400.99181	433401.04701	-0.05520	0.10000	0.00000	433401.04701	-0.05520	0.5000
2948:	59	16	44	58	16	43	433493.95523	433493.95993	-0.00470	0.10000	0.00000			
2949:	71	1	70	70	1	69	433673.65097	433673.62544	0.02553	0.10000	0.00000	433673.62544	0.02553	0.2500
2950:	71	1	70	70	2	69	433673.65097	433673.62544	0.02553	0.10000	0.00000	433673.62544	0.02553	0.2500
2951:	71	2	70	70	1	69	433673.65097	433673.62544	0.02553	0.10000	0.00000	433673.62544	0.02553	0.2500
2952:	71	2	70	70	2	69	433673.65097	433673.62544	0.02553	0.10000	0.00000	433673.62544	0.02553	0.2500
2953:	61	32	30	60	32	29	433959.08401	433959.13317	-0.04916	0.10000	0.00000	433959.13317	-0.04916	0.5000
2954:	61	32	29	60	32	28	433959.08401	433959.13317	-0.04916	0.10000	0.00000	433959.13317	-0.04916	0.5000
2955:	60	20	41	59	20	40	434002.70358	434002.72736	-0.02379	0.10000	0.00000			
2956:	60	20	40	59	20	39	434004.30432	434004.25128	0.05304	0.10000	0.00000			
2957:	72	0	72	71	0	71	434019.20945	434019.20062	0.00883	0.10000	0.00000	434019.20062	0.00883	0.2500
2958:	72	0	72	71	1	71	434019.20945	434019.20062	0.00883	0.10000	0.00000	434019.20062	0.00883	0.2500
2959:	72	1	72	71	0	71	434019.20945	434019.20062	0.00883	0.10000	0.00000	434019.20062	0.00883	0.2500
2960:	72	1	72	71	1	71	434019.20945	434019.20062	0.00883	0.10000	0.00000	434019.20062	0.00883	0.2500
2961:	59	15	45	58	15	44	434298.32544	434298.32140	0.00404	0.10000	0.00000			
2962:	61	30	32	60	30	31	434620.01257	434620.34347	-0.33090	0.10000	0.00000	434620.34347	-0.33090	0.5000
2963:	61	30	31	60	30	30	434620.01257	434620.34347	-0.33090	0.10000	0.00000	434620.34347	-0.33090	0.5000
2964:	58	15	43	57	15	42	434964.16448	434964.19179	-0.02731	0.10000	0.00000			
2965:	61	29	33	60	29	32	434999.98152	434999.96341	0.01811	0.10000	0.00000	434999.96341	0.01811	0.5000
2966:	61	29	32	60	29	31	434999.98152	434999.96341	0.01811	0.10000	0.00000	434999.96341	0.01811	0.5000
2967:	60	12	48	59	12	47	435216.85351	435216.84418	0.00933	0.10000	0.00000			
2968:	61	28	33	60	28	32	435419.39784	435419.54390	-0.14607	0.10000	0.00000	435419.54390	-0.14607	0.5000
2969:	61	28	34	60	28	33	435419.39784	435419.54390	-0.14607	0.10000	0.00000	435419.54390	-0.14607	0.5000
2970:	60	19	42	59	19	41	435452.93229	435452.92715	0.00513	0.10000	0.00000			
2971:	60	19	41	59	19	40	435468.18780	435468.15409	0.03371	0.10000	0.00000			
2972:	61	27	35	60	27	34	435886.11320	435886.10249	0.01071	0.10000	0.00000	435886.10249	0.01071	0.5000
2973:	61	27	34	60	27	33	435886.11320	435886.10249	0.01071	0.10000	0.00000	435886.10249	0.01071	0.5000
2974:	61	26	35	60	26	34	436408.38640	436408.36985	0.01655	0.10000	0.00000	436408.36985	0.01655	0.5000
2975:	61	26	36	60	26	35	436408.38640	436408.36985	0.01655	0.10000	0.00000	436408.36985	0.01655	0.5000
2976:	59	16	43	58	16	42	436534.36796	436534.46797	-0.10002	0.10000	0.00000			
2977:	58	13	45	57	13	44	436960.87843	436960.88672	-0.00829	0.10000	0.00000			
2978:	61	25	37	60	25	36	436997.29917	436997.37730	-0.07813	0.10000	0.00000	436997.37730	-0.07813	0.5000
2979:	61	25	36	60	25	35	436997.29917	436997.37730	-0.07814	0.10000	0.00000	436997.37730	-0.07814	0.5000
2980:	60	18	43	59	18	42	437248.09560	437248.09987	-0.00427	0.10000	0.00000			
2981:	60	18	42	59	18	41	437376.33390	437376.24993	0.08397	0.10000	0.00000			
2982:	61	24	38	60	24	37	437667.37293	437667.32386	0.04907	0.10000	0.00000	437667.32391	0.04902	0.5000
2983:	61	24	37	60	24	36	437667.37293	437667.32395	0.04898	0.10000	0.00000	437724.50527	-0.00092	0.5000
2984:	64	10	55	63	10	54	437724.50435	437724.29540	0.20896	0.10000	0.00000	437724.50527	-0.00092	0.5000
2985:	64	9	55	63	9	54	437724.50435	437724.71514	-0.21079	0.10000	0.00000	437724.50527	-0.00092	0.5000
2986:	65	9	57	64	9	56	437733.55171	437733.33562	0.21608	0.10000	0.00000	437733.34369	0.20802	0.2500
2987:	65	8	57	64	8	56	437733.55171	437733.33176	0.19995	0.10000	0.00000	437733.34369	0.20802	0.2500
2988:	65	9	57	64	8	56	437733.55171	437733.37155	0.18016	0.10000	0.00000	437733.34369	0.20802	0.2500
2989:	65	8	57	64	9	56	437733.55171	437733.31594	0.23587	0.10000	0.00000	437733.34369	0.20802	0.2500
2990:	66	7	59	65	8	58	437867.12323	437867.11937	0.00386	0.10000	0.00000	437867.12017	0.00306	0.2500
2991:	66	8	59	65	8	58	437867.12323	437867.11993	0.00330	0.10000	0.00000	437867.12017	0.00306	0.2500
2992:	66	7	59	65	7	58	437867.12323	437867.12041	0.00282	0.10000	0.00000	437867.12017	0.00306	0.2500
2993:	66	8	59	65	7	58	437867.12323	437867.12097	0.00226	0.10000	0.00000	437867.12017	0.00306	0.2500

3043:	73	1	73	72	0	72	439990.39896	439990.37800	0.02097	0.10000	0.00000	439990.37800	0.02097	0.2500
3044:	73	1	73	72	1	72	439990.39896	439990.37800	0.02097	0.10000	0.00000	439990.37800	0.02097	0.2500
3045:	60	17	43	59	17	42	440249.59481	440249.57115	0.02366	0.10000	0.00000			
3046:	62	35	28	61	35	27	440350.53675	440350.60160	-0.06485	0.10000	0.00000	440350.60160	-0.06485	0.5000
3047:	62	35	27	61	35	26	440350.53675	440350.60160	-0.06485	0.10000	0.00000	440350.60160	-0.06485	0.5000
3048:	61	21	40	60	21	39	440386.55448	440386.68126	-0.12678	0.10000	0.00000	440386.55416	0.00032	0.5000
3049:	61	21	41	60	21	40	440386.55448	440386.42707	0.12741	0.10000	0.00000	440386.55416	0.00032	0.5000
3050:	61	12	49	60	12	48	440489.01847	440489.06007	-0.04160	0.10000	0.00000			
3051:	62	33	30	61	33	29	440891.01232	440891.07248	-0.06016	0.10000	0.00000	440891.07248	-0.06016	0.5000
3052:	62	33	29	61	33	28	440891.01232	440891.07248	-0.06016	0.10000	0.00000	440891.07248	-0.06016	0.5000
3053:	62	32	31	61	32	30	441195.18178	441195.21812	-0.03634	0.10000	0.00000	441195.21812	-0.03634	0.5000
3054:	62	32	30	61	32	29	441195.18178	441195.21812	-0.03634	0.10000	0.00000	441195.21812	-0.03634	0.5000
3055:	60	16	45	59	16	44	441306.43407	441306.40740	0.02667	0.10000	0.00000			
3056:	62	31	32	61	31	31	441526.39052	441526.43077	-0.04025	0.10000	0.00000	441526.43077	-0.04025	0.5000
3057:	62	31	31	61	31	30	441526.39052	441526.43077	-0.04025	0.10000	0.00000	441526.43077	-0.04025	0.5000
3058:	60	15	46	59	15	45	441557.83718	441557.81626	0.02092	0.10000	0.00000			
3059:	61	20	42	60	20	41	441653.49136	441653.38518	0.10618	0.10000	0.00000			
3060:	61	20	41	60	20	40	441656.08745	441656.20369	-0.11624	0.10000	0.00000			
3061:	62	30	32	61	30	31	441888.85253	441888.86464	-0.01211	0.10000	0.00000	441888.86464	-0.01211	0.5000
3062:	62	30	33	61	30	32	441888.85253	441888.86464	-0.01211	0.10000	0.00000	441888.86464	-0.01211	0.5000
3063:	59	13	46	58	13	45	441897.90368	441897.89619	0.00749	0.10000	0.00000			
3064:	62	29	34	61	29	33	442287.50826	442287.52244	-0.01418	0.10000	0.00000	442287.52244	-0.01418	0.5000
3065:	62	29	33	61	29	32	442287.50826	442287.52244	-0.01418	0.10000	0.00000	442287.52244	-0.01418	0.5000
3066:	62	28	34	61	28	33	442728.50426	442728.49016	0.01410	0.10000	0.00000	442728.49016	0.01410	0.5000
3067:	62	28	35	61	28	34	442728.50426	442728.49016	0.01410	0.10000	0.00000	442728.49016	0.01410	0.5000
3068:	61	19	43	60	19	42	443206.17553	443206.15016	0.02537	0.10000	0.00000			
3069:	62	27	36	61	27	35	443219.28705	443219.25871	0.02835	0.10000	0.00000	443219.25871	0.02835	0.5000
3070:	62	27	35	61	27	34	443219.28705	443219.25871	0.02835	0.10000	0.00000	443219.25871	0.02835	0.5000
3071:	61	19	42	60	19	41	443233.01715	443232.96107	0.05608	0.10000	0.00000			
3072:	65	10	56	64	10	55	443651.21508	443651.09272	0.12236	0.10000	0.00000	443651.21256	0.00252	0.5000
3073:	65	9	56	64	9	55	443651.21508	443651.33239	-0.11731	0.10000	0.00000	443651.21256	0.00252	0.5000
3074:	66	9	58	65	9	57	443678.99570	443678.99377	0.00193	0.10000	0.00000	443678.99313	0.00258	0.3333
3075:	66	8	58	65	8	57	443678.99570	443679.00270	-0.00699	0.10000	0.00000	443678.99313	0.00258	0.3333
3076:	66	8	58	65	9	57	443678.99570	443678.98291	0.01279	0.10000	0.00000	443678.99313	0.00258	0.3333
3077:	62	26	37	61	26	36	443769.19097	443769.17486	0.01611	0.10000	0.00000	443769.17486	0.01611	0.5000
3078:	62	26	36	61	26	35	443769.19097	443769.17486	0.01611	0.10000	0.00000	443769.17486	0.01611	0.5000
3079:	100	34	66100	33	67		443809.53093	443808.85593	0.67500	0.10000	0.00000	443808.85581	0.67211	0.5000
3080:	100	34	67100	33	68		443809.53093	443808.86169	0.66923	0.10000	0.00000	443808.85581	0.67211	0.5000
3081:	64	10	54	63	10	53	443814.45982	443814.49714	-0.03732	0.10000	0.00000			
3082:	67	8	60	66	8	59	443823.53019	443823.52079	0.00940	0.10000	0.00000	443823.52092	0.00927	0.2500
3083:	67	7	60	66	7	59	443823.53019	443823.52105	0.00914	0.10000	0.00000	443823.52092	0.00927	0.2500
3084:	67	8	60	66	7	59	443823.53019	443823.52135	0.00884	0.10000	0.00000	443823.52092	0.00927	0.2500
3085:	67	7	60	66	8	59	443823.53019	443823.52049	0.00970	0.10000	0.00000	443823.52092	0.00927	0.2500
3086:	68	6	62	67	7	61	444043.27366	444043.26782	0.00584	0.10000	0.00000	444043.26783	0.00583	0.2500
3087:	68	7	62	67	7	61	444043.27366	444043.26783	0.00584	0.10000	0.00000	444043.26783	0.00583	0.2500
3088:	68	6	62	67	6	61	444043.27366	444043.26783	0.00583	0.10000	0.00000	444043.26783	0.00583	0.2500
3089:	68	7	62	67	6	61	444043.27366	444043.26784	0.00583	0.10000	0.00000	444043.26783	0.00583	0.2500
3090:	63	12	52	62	12	51	444261.49808	444261.60271	-0.10463	0.10000	0.00000			
3091:	69	5	64	68	5	63	444312.40258	444312.40651	-0.00393	0.10000	0.00000	444312.40651	-0.00393	0.2500

3092:	69	5	64	68	6	63	444312.40258	444312.40651	-0.00393	0.10000	0.00000	444312.40651	-0.00393	0.2500
3093:	69	6	64	68	5	63	444312.40258	444312.40651	-0.00393	0.10000	0.00000	444312.40651	-0.00393	0.2500
3094:	69	6	64	68	6	63	444312.40258	444312.40651	-0.00393	0.10000	0.00000	444312.40651	-0.00393	0.2500
3095:	63	11	52	62	11	51	444340.86795	444340.87389	-0.00594	0.10000	0.00000			
3096:	62	25	38	61	25	37	444390.08670	444390.09104	-0.00434	0.10000	0.00000			
3097:	62	25	37	61	25	36	444390.08670	444390.09105	-0.00435	0.10000	0.00000	444390.09104	-0.00435	0.5000
3098:	59	15	44	58	15	43	444651.50794	444651.50527	0.00266	0.10000	0.00000	444390.09104	-0.00435	0.5000
3099:	71	3	68	70	3	67	444936.62632	444936.62268	0.00364	0.10000	0.00000			
3100:	71	3	68	70	4	67	444936.62632	444936.62268	0.00364	0.10000	0.00000	444936.62268	0.00364	0.2500
3101:	71	4	68	70	3	67	444936.62632	444936.62268	0.00364	0.10000	0.00000	444936.62268	0.00364	0.2500
3102:	71	4	68	70	4	67	444936.62632	444936.62268	0.00364	0.10000	0.00000	444936.62268	0.00364	0.2500
3103:	62	13	50	61	13	49	445005.50846	445005.50647	0.00200	0.10000	0.00000			
3104:	61	14	48	60	14	47	445032.99779	445032.96547	0.03232	0.10000	0.00000			
3105:	62	24	39	61	24	38	445097.25616	445097.33243	-0.07627	0.10000	0.00000	445097.33252	-0.07636	0.5000
3106:	62	24	38	61	24	37	445097.25616	445097.33261	-0.07645	0.10000	0.00000	445097.33252	-0.07636	0.5000
3107:	72	2	70	71	3	69	445272.17651	445272.17989	-0.00338	0.10000	0.00000	445272.17989	-0.00338	0.2500
3108:	72	3	70	71	2	69	445272.17651	445272.17989	-0.00338	0.10000	0.00000	445272.17989	-0.00338	0.2500
3109:	72	3	70	71	3	69	445272.17651	445272.17989	-0.00338	0.10000	0.00000	445272.17989	-0.00338	0.2500
3110:	72	2	70	71	2	69	445272.17651	445272.17989	-0.00338	0.10000	0.00000	445272.17989	-0.00338	0.2500
3111:	73	1	72	72	1	71	445614.96094	445614.96647	-0.00553	0.10000	0.00000	445614.96647	-0.00553	0.2500
3112:	73	1	72	72	2	71	445614.96094	445614.96647	-0.00553	0.10000	0.00000	445614.96647	-0.00553	0.2500
3113:	73	2	72	72	1	71	445614.96094	445614.96647	-0.00553	0.10000	0.00000	445614.96647	-0.00553	0.2500
3114:	73	2	72	72	2	71	445614.96094	445614.96647	-0.00553	0.10000	0.00000	445614.96647	-0.00553	0.2500
3115:	60	16	44	59	16	43	445697.02804	445697.01951	0.00853	0.10000	0.00000			
3116:	62	12	50	61	12	49	445905.95289	445905.93206	0.02082	0.10000	0.00000			
3117:	62	23	39	61	23	38	445911.17413	445911.19678	-0.02265	0.10000	0.00000	445911.14320	0.03092	0.2500
3118:	63	43	20	62	43	19	445911.17413	445911.09107	0.08306	0.10000	0.00000	445911.14320	0.03092	0.2500
3119:	63	43	21	62	43	20	445911.17413	445911.09107	0.08306	0.10000	0.00000	445911.14320	0.03092	0.2500
3120:	62	23	40	61	23	39	445911.17413	445911.19390	-0.01977	0.10000	0.00000	445911.14320	0.03092	0.2500
3121:	74	0	74	73	0	73	445960.83912	445960.82929	0.00983	0.10000	0.00000	445960.82929	0.00983	0.2500
3122:	74	0	74	73	1	73	445960.83912	445960.82929	0.00983	0.10000	0.00000	445960.82929	0.00983	0.2500
3123:	74	1	74	73	0	73	445960.83912	445960.82929	0.00983	0.10000	0.00000	445960.82929	0.00983	0.2500
3124:	74	1	74	73	1	73	445960.83912	445960.82929	0.00983	0.10000	0.00000	445960.82929	0.00983	0.2500
3125:	30	17	14	29	16	13	446005.80786	446005.78116	0.02669	0.10000	0.00000	446005.78116	0.02669	0.5000
3126:	30	17	13	29	16	14	446005.80786	446005.78116	0.02669	0.10000	0.00000	446005.78116	0.02669	0.5000
3127:	28	18	10	27	17	11	446192.35722	446192.31546	0.04176	0.10000	0.00000	446192.31546	0.04176	0.5000
3128:	28	18	11	27	17	10	446192.35722	446192.31546	0.04176	0.10000	0.00000	446192.31546	0.04176	0.5000
3129:	26	19	8	25	18	7	446287.24548	446287.17459	0.07089	0.10000	0.00000	446287.17459	0.07089	0.5000
3130:	26	19	7	25	18	8	446287.24548	446287.17459	0.07089	0.10000	0.00000	446287.17459	0.07089	0.5000
3131:	24	20	5	23	19	4	446334.91618	446334.91147	0.00471	0.10000	0.00000	446334.91147	0.00471	0.5000
3132:	24	20	4	23	19	5	446334.91618	446334.91147	0.00471	0.10000	0.00000	446334.91147	0.00471	0.5000
3133:	22	21	1	21	20	2	446360.71107	446360.70688	0.00419	0.10000	0.00000	446360.70688	0.00419	0.5000
3134:	22	21	2	21	20	1	446360.71107	446360.70688	0.00419	0.10000	0.00000	446360.70688	0.00419	0.5000
3135:	62	22	40	61	22	39	446859.40891	446859.40390	0.00501	0.10000	0.00000	446859.38399	0.02492	0.5000
3136:	62	22	41	61	22	40	446859.40891	446859.36408	0.04483	0.10000	0.00000	446859.38399	0.02492	0.5000
3137:	63	36	28	62	36	27	447300.41827	447300.54118	-0.12291	0.10000	0.00000	447300.54118	-0.12291	0.5000
3138:	63	36	27	62	36	26	447300.41827	447300.54118	-0.12291	0.10000	0.00000	447300.54118	-0.12291	0.5000
3139:	61	17	45	60	17	44	447315.12431	447315.11041	0.01390	0.10000	0.00000			
3140:	63	35	28	62	35	27	447553.22362	447553.31529	-0.09167	0.10000	0.00000	447553.31529	-0.09167	0.5000

3141:	63	35	29	62	35	28	447553.22362	447553.31529	-0.09167	0.10000	0.00000	447553.31529	-0.09167	0.5000
3142:	63	34	30	62	34	29	447825.11204	447825.22657	-0.11453	0.10000	0.00000	447825.22657	-0.11453	0.5000
3143:	63	34	29	62	34	28	447825.11204	447825.22657	-0.11453	0.10000	0.00000	447825.22657	-0.11453	0.5000
3144:	63	33	31	62	33	30	448118.94868	448118.91693	0.03174	0.10000	0.00000	448118.91693	0.03174	0.5000
3145:	63	33	30	62	33	29	448118.94868	448118.91693	0.03174	0.10000	0.00000	448118.91693	0.03174	0.5000
3146:	63	32	31	62	32	30	448437.47366	448437.49611	-0.02246	0.10000	0.00000	448437.49611	-0.02246	0.5000
3147:	63	32	32	62	32	31	448437.47366	448437.49611	-0.02246	0.10000	0.00000	448437.49611	-0.02246	0.5000
3148:	61	15	47	60	15	46	448631.64165	448631.73738	-0.09573	0.10000	0.00000			
3149:	61	17	44	60	17	43	448675.97812	448675.92975	0.04836	0.10000	0.00000			
3150:	63	31	33	62	31	32	448784.63525	448784.65110	-0.01586	0.10000	0.00000	448784.65110	-0.01586	0.5000
3151:	63	31	32	62	31	31	448784.63525	448784.65110	-0.01586	0.10000	0.00000	448784.65110	-0.01586	0.5000
3152:	61	16	46	60	16	45	449033.12013	449033.16826	-0.04813	0.10000	0.00000			
3153:	63	30	33	62	30	32	449164.79960	449164.78899	0.01061	0.10000	0.00000	449164.78899	0.01061	0.5000
3154:	63	30	34	62	30	33	449164.79960	449164.78899	0.01061	0.10000	0.00000	449164.78899	0.01061	0.5000
3155:	59	14	45	58	14	44	449189.02923	449189.03454	-0.00531	0.10000	0.00000	449188.92996	0.09927	0.5000
3156:	30	9	21	30	5	26	449189.02923	449188.82539	0.20385	0.10000	0.00000	449188.92996	0.09927	0.5000
3157:	62	20	43	61	20	42	449333.14626	449333.14108	0.00518	0.10000	0.00000			
3158:	62	20	42	61	20	41	449338.29054	449338.27601	0.01453	0.10000	0.00000			
3159:	68	9	60	67	8	59	455572.43724	455572.53513	-0.09788	0.10000	0.00000	455572.53054	-0.09329	0.2500
3160:	68	8	60	67	9	59	455572.43724	455572.52595	-0.08870	0.10000	0.00000	455572.53054	-0.09329	0.2500
3161:	68	9	60	67	9	59	455572.43724	455572.52919	-0.09194	0.10000	0.00000	455572.53054	-0.09329	0.2500
3162:	68	8	60	67	8	59	455572.43724	455572.53189	-0.09464	0.10000	0.00000	455572.53054	-0.09329	0.2500
3163:	62	13	49	61	13	48	455715.94058	455716.05171	-0.11112	0.10000	0.00000			
3164:	60	14	46	59	14	45	456129.37355	456129.22493	0.14862	0.10000	0.00000			
3165:	71	5	66	70	5	65	456243.14365	456243.16377	-0.02012	0.10000	0.00000	456243.16377	-0.02012	0.2500
3166:	71	5	66	70	6	65	456243.14365	456243.16377	-0.02012	0.10000	0.00000	456243.16377	-0.02012	0.2500
3167:	71	6	66	70	5	65	456243.14365	456243.16377	-0.02012	0.10000	0.00000	456243.16377	-0.02012	0.2500
3168:	71	6	66	70	6	65	456243.14365	456243.16377	-0.02012	0.10000	0.00000	456243.16377	-0.02012	0.2500
3169:	72	4	68	71	5	67	456548.49889	456548.59427	-0.09539	0.10000	0.00000	456548.59427	-0.09539	0.2500
3170:	72	5	68	71	4	67	456548.49889	456548.59427	-0.09539	0.10000	0.00000	456548.59427	-0.09539	0.2500
3171:	72	5	68	71	5	67	456548.49889	456548.59427	-0.09539	0.10000	0.00000	456548.59427	-0.09539	0.2500
3172:	72	4	68	71	4	67	456548.49889	456548.59427	-0.09539	0.10000	0.00000	456548.59427	-0.09539	0.2500
3173:	62	16	47	61	16	46	456644.10341	456644.11831	-0.01490	0.10000	0.00000			
3174:	73	3	70	72	3	69	456873.28997	456873.32231	-0.03234	0.10000	0.00000	456873.32231	-0.03234	0.2500
3175:	73	3	70	72	4	69	456873.28997	456873.32231	-0.03234	0.10000	0.00000	456873.32231	-0.03234	0.2500
3176:	73	4	70	72	3	69	456873.28997	456873.32231	-0.03234	0.10000	0.00000	456873.32231	-0.03234	0.2500
3177:	73	4	70	72	4	69	456873.28997	456873.32231	-0.03234	0.10000	0.00000	456873.32231	-0.03234	0.2500
3178:	64	29	36	63	29	35	456887.06309	456887.27568	-0.21258	0.10000	0.00000	456887.27568	-0.21258	0.5000
3179:	64	29	35	63	29	34	456887.06309	456887.27568	-0.21258	0.10000	0.00000	456887.27568	-0.21258	0.5000
3180:	74	2	72	73	2	71	457209.88231	457210.01073	-0.12841	0.10000	0.00000	457210.01073	-0.12841	0.2500
3181:	74	2	72	73	3	71	457209.88231	457210.01073	-0.12841	0.10000	0.00000	457210.01073	-0.12841	0.2500
3182:	74	3	72	73	2	71	457209.88231	457210.01073	-0.12841	0.10000	0.00000	457210.01073	-0.12841	0.2500
3183:	74	3	72	73	3	71	457209.88231	457210.01073	-0.12841	0.10000	0.00000	457210.01073	-0.12841	0.2500
3184:	63	14	50	62	14	49	457263.79212	457263.71544	0.07668	0.10000	0.00000			
3185:	62	17	45	61	17	44	457318.09264	457318.06051	0.03213	0.10000	0.00000			
3186:	64	28	37	63	28	36	457373.61542	457373.64121	-0.02580	0.10000	0.00000	457373.64121	-0.02580	0.5000
3187:	64	28	36	63	28	35	457373.61542	457373.64121	-0.02580	0.10000	0.00000	457373.64121	-0.02580	0.5000
3188:	75	1	74	74	2	73	457553.34236	457553.36670	-0.02434	0.10000	0.00000	457553.36670	-0.02434	0.2500
3189:	75	2	74	74	1	73	457553.34236	457553.36670	-0.02434	0.10000	0.00000	457553.36670	-0.02434	0.2500

3190:	75	2	74	74	2	73	457553.34236	457553.36670	-0.02434	0.10000	0.00000	457553.36670	-0.02434	0.2500
3191:	75	1	74	74	1	73	457553.34236	457553.36670	-0.02434	0.10000	0.00000	457553.36670	-0.02434	0.2500
3192:	76	0	76	75	0	75	457899.55177	457899.51380	0.03797	0.10000	0.00000	457899.51380	0.03797	0.2500
3193:	76	0	76	75	1	75	457899.55177	457899.51380	0.03797	0.10000	0.00000	457899.51380	0.03797	0.2500
3194:	76	1	76	75	0	75	457899.55177	457899.51380	0.03797	0.10000	0.00000	457899.51380	0.03797	0.2500
3195:	76	1	76	75	1	75	457899.55177	457899.51380	0.03797	0.10000	0.00000	457899.51380	0.03797	0.2500
3196:	64	27	38	63	27	37	457915.98679	457915.92664	0.06015	0.10000	0.00000	457915.92664	0.06015	0.5000
3197:	64	27	37	63	27	36	457915.98679	457915.92664	0.06015	0.10000	0.00000	457915.92664	0.06015	0.5000
3198:	64	26	39	63	26	38	458524.90659	458524.85608	0.05051	0.10000	0.00000	458524.85608	0.05051	0.5000
3199:	64	26	38	63	26	37	458524.90659	458524.85608	0.05051	0.10000	0.00000	458524.85608	0.05051	0.5000
3200:	63	19	45	62	19	44	458821.07774	458821.13770	-0.05997	0.10000	0.00000	458821.13770	-0.05997	0.5000
3201:	63	19	44	62	19	43	458900.48076	458900.47271	0.00806	0.10000	0.00000	458900.47271	0.00806	0.5000
3202:	64	25	39	63	25	38	459214.16748	459214.13662	0.03086	0.10000	0.00000	459214.13662	0.03086	0.5000
3203:	64	25	40	63	25	39	459214.16748	459214.13662	0.03091	0.10000	0.00000	459214.13662	0.03088	0.5000
3204:	32	17	16	31	16	15	459983.94640	459984.00724	-0.06084	0.10000	0.00000	459984.00725	-0.06085	0.5000
3205:	32	17	15	31	16	16	459983.94640	459984.00726	-0.06085	0.10000	0.00000	459984.00725	-0.06085	0.5000
3206:	64	24	41	63	24	40	460001.73854	460001.66895	0.06959	0.10000	0.00000	460001.66936	0.06918	0.5000
3207:	64	24	40	63	24	39	460001.73854	460001.66978	0.06876	0.10000	0.00000	460001.66936	0.06918	0.5000
3208:	28	19	10	27	18	9	460385.09859	460385.03710	0.06149	0.10000	0.00000	460385.03710	0.06149	0.5000
3209:	28	19	9	27	18	10	460385.09859	460385.03710	0.06149	0.10000	0.00000	460385.03710	0.06149	0.5000
3210:	26	20	7	25	19	6	460456.14919	460456.13204	0.01715	0.10000	0.00000	460456.13204	0.01715	0.5000
3211:	26	20	6	25	19	7	460456.14919	460456.13204	0.01715	0.10000	0.00000	460456.13204	0.01715	0.5000
3212:	24	21	3	23	20	4	460493.10000	460492.94767	0.15232	0.10000	0.00000	460492.94767	0.15232	0.5000
3213:	24	21	4	23	20	3	460493.10000	460492.94767	0.15232	0.10000	0.00000	460492.94767	0.15232	0.5000
3214:	64	23	41	63	23	40	460911.74939	460911.47452	0.27487	0.10000	0.00000	460911.46857	0.28083	0.5000
3215:	64	23	42	63	23	41	460911.74939	460911.46261	0.28678	0.10000	0.00000	460911.46857	0.28083	0.5000
3216:	63	18	46	62	18	45	460968.52773	460968.51662	0.01111	0.10000	0.00000	460968.51662	0.01111	0.5000
3217:	68	10	59	67	10	58	461444.15555	461444.05397	0.10157	0.10000	0.00000	461444.10122	0.05433	0.3333
3218:	68	9	59	67	9	58	461444.15555	461444.09739	0.05816	0.10000	0.00000	461444.10122	0.05433	0.3333
3219:	68	10	59	67	9	58	461444.15555	461444.15230	0.00325	0.10000	0.00000	461444.10122	0.05433	0.3333
3220:	70	8	63	69	8	62	461692.63562	461692.63225	0.00337	0.10000	0.00000	461692.63227	0.00335	0.2500
3221:	70	7	63	69	7	62	461692.63562	461692.63229	0.00333	0.10000	0.00000	461692.63227	0.00335	0.2500
3222:	70	8	63	69	7	62	461692.63562	461692.63233	0.00329	0.10000	0.00000	461692.63227	0.00335	0.2500
3223:	70	7	63	69	8	62	461692.63562	461692.63220	0.00342	0.10000	0.00000	461692.63227	0.00335	0.2500
3224:	66	12	55	65	12	54	461830.64224	461830.65261	-0.01037	0.10000	0.00000	461830.65261	-0.01037	0.2500
3225:	66	11	55	65	11	54	461848.76435	461848.77836	-0.01401	0.10000	0.00000	461848.77836	-0.01401	0.2500
3226:	71	6	65	70	7	64	461928.97119	461928.84133	0.12986	0.10000	0.00000	461928.84133	0.12985	0.2500
3227:	71	7	65	70	6	64	461928.97119	461928.84134	0.12985	0.10000	0.00000	461928.84133	0.12985	0.2500
3228:	71	7	65	70	7	64	461928.97119	461928.84133	0.12986	0.10000	0.00000	461928.84133	0.12985	0.2500
3229:	71	6	65	70	6	64	461928.97119	461928.84133	0.12985	0.10000	0.00000	461928.84133	0.12985	0.2500
3230:	63	15	49	62	15	48	462196.65095	462196.46992	0.18103	0.10000	0.00000	462196.46992	0.18103	0.2500
3231:	72	5	67	71	6	66	462207.63370	462207.65126	-0.01756	0.10000	0.00000	462207.65126	-0.01756	0.2500
3232:	72	6	67	71	5	66	462207.63370	462207.65126	-0.01756	0.10000	0.00000	462207.65126	-0.01756	0.2500
3233:	72	6	67	71	6	66	462207.63370	462207.65126	-0.01756	0.10000	0.00000	462207.65126	-0.01756	0.2500
3234:	72	5	67	71	5	66	462207.63370	462207.65126	-0.01756	0.10000	0.00000	462207.65126	-0.01756	0.2500
3235:	61	14	47	60	14	46	462298.72691	462298.57272	0.15419	0.10000	0.00000	462298.57272	0.15419	0.2500
3236:	65	13	53	64	13	52	462488.43164	462488.33073	0.10091	0.10000	0.00000	462488.33073	0.10091	0.2500
3237:	73	4	69	72	5	68	462514.76813	462514.85449	-0.08636	0.10000	0.00000	462514.85449	-0.08636	0.2500
3238:	73	5	69	72	4	68	462514.76813	462514.85449	-0.08636	0.10000	0.00000	462514.85449	-0.08636	0.2500

3239:	73	5	69	72	5	68	462514.76813	462514.85449	-0.08636	0.10000	0.00000	462514.85449	-0.08636	0.2500
3240:	73	4	69	72	4	68	462514.76813	462514.85449	-0.08636	0.10000	0.00000	462514.85449	-0.08636	0.2500
3241:	74	3	71	73	3	70	462840.63927	462840.58128	0.05799	0.10000	0.00000	462840.58128	0.05799	0.2500
3242:	74	3	71	73	4	70	462840.63927	462840.58128	0.05799	0.10000	0.00000	462840.58128	0.05799	0.2500
3243:	74	4	71	73	3	70	462840.63927	462840.58128	0.05799	0.10000	0.00000	462840.58128	0.05799	0.2500
3244:	74	4	71	73	4	70	462840.63927	462840.58128	0.05799	0.10000	0.00000	462840.58128	0.05799	0.2500
3245:	63	17	47	62	17	46	463149.62231	463149.52368	0.09863	0.10000	0.00000	463149.52368	0.09863	0.2500
3246:	75	2	73	74	3	72	463177.81550	463177.80735	0.00815	0.10000	0.00000	463177.80735	0.00815	0.2500
3247:	75	3	73	74	2	72	463177.81550	463177.80735	0.00815	0.10000	0.00000	463177.80735	0.00815	0.2500
3248:	75	3	73	74	3	72	463177.81550	463177.80735	0.00815	0.10000	0.00000	463177.80735	0.00815	0.2500
3249:	75	2	73	74	2	72	463177.81550	463177.80735	0.00815	0.10000	0.00000	463177.80735	0.00815	0.2500
3250:	61	15	46	60	15	45	463346.65404	463346.55293	0.10111	0.10000	0.00000	463346.55293	0.10111	0.2500
3251:	76	1	75	75	2	74	463521.39835	463521.43881	-0.04045	0.10000	0.00000	463521.43881	-0.04045	0.2500
3252:	76	2	75	75	1	74	463521.39835	463521.43881	-0.04045	0.10000	0.00000	463521.43881	-0.04045	0.2500
3253:	76	2	75	75	2	74	463521.39835	463521.43881	-0.04045	0.10000	0.00000	463521.43881	-0.04045	0.2500
3254:	76	1	75	75	1	74	463521.39835	463521.43881	-0.04045	0.10000	0.00000	463521.43881	-0.04045	0.2500
3255:	65	30	35	64	30	34	463739.59903	463739.54612	0.05291	0.10000	0.00000	463739.54612	0.05291	0.5000
3256:	65	30	36	64	30	35	463739.59903	463739.54612	0.05291	0.10000	0.00000	463739.54612	0.05291	0.5000
3257:	77	0	77	76	1	76	463867.68660	463867.72710	-0.04050	0.10000	0.00000	463867.72710	-0.04050	0.2500
3258:	77	1	77	76	0	76	463867.68660	463867.72710	-0.04050	0.10000	0.00000	463867.72710	-0.04050	0.2500
3259:	77	1	77	76	1	76	463867.68660	463867.72710	-0.04050	0.10000	0.00000	463867.72710	-0.04050	0.2500
3260:	77	0	77	76	0	76	463867.68660	463867.72710	-0.04050	0.10000	0.00000	463867.72710	-0.04050	0.2500
3261:	63	16	48	62	16	47	464110.68809	464110.59172	0.09637	0.10000	0.00000	464110.59172	0.09637	0.2500
3262:	65	28	37	64	28	36	464710.37566	464710.32722	0.04844	0.10000	0.00000	464710.32722	0.04844	0.5000
3263:	65	28	38	64	28	37	464710.37566	464710.32722	0.04844	0.10000	0.00000	464710.32722	0.04844	0.5000
3264:	64	20	45	63	20	44	464786.87798	464786.83279	0.04519	0.10000	0.00000	464786.83279	0.04519	0.2500
3265:	64	20	44	63	20	43	464803.13172	464803.13425	-0.00252	0.10000	0.00000	464803.13425	-0.00252	0.2500
3266:	62	16	46	61	16	45	464849.54173	464849.52380	0.01793	0.10000	0.00000	464849.52380	0.01793	0.2500
3267:	65	27	38	64	27	37	465280.14660	465280.01359	0.13300	0.10000	0.00000	465280.01359	0.13300	0.5000
3268:	65	27	39	64	27	38	465280.14660	465280.01359	0.13300	0.10000	0.00000	465280.01359	0.13300	0.5000
3269:	65	26	40	64	26	39	465920.51736	465920.43312	0.08424	0.10000	0.00000	465920.43312	0.08424	0.5000
3270:	65	26	39	64	26	38	465920.51736	465920.43312	0.08423	0.10000	0.00000	465920.43312	0.08423	0.5000
3271:	65	25	40	64	25	39	466646.36897	466646.34230	0.02667	0.10000	0.00000	466646.34230	0.02667	0.5000
3272:	65	25	41	64	25	40	466646.36897	466646.34219	0.02678	0.10000	0.00000	466646.34219	0.02678	0.5000
3273:	31	18	13	30	17	14	467260.49224	467260.46627	0.02596	0.10000	0.00000	467260.46627	0.02596	0.5000
3274:	31	18	14	30	17	13	467260.49224	467260.46627	0.02596	0.10000	0.00000	467260.46627	0.02596	0.5000
3275:	69	10	60	68	10	59	467378.35415	467378.33920	0.01496	0.10000	0.00000	467378.33920	0.01496	0.2500
3276:	69	9	60	68	9	59	467378.35415	467378.36355	-0.00940	0.10000	0.00000	467378.36355	-0.00940	0.2500
3277:	69	10	60	68	9	59	467378.35415	467378.39411	-0.03995	0.10000	0.00000	467378.39411	-0.03995	0.2500
3278:	69	9	60	68	10	59	467378.35415	467378.30864	0.04551	0.10000	0.00000	467378.30864	0.04551	0.2500
3279:	70	8	62	69	9	61	467468.22107	467468.13451	0.08656	0.10000	0.00000	467468.13451	0.08656	0.2500
3280:	70	9	62	69	9	61	467468.22107	467468.13546	0.08561	0.10000	0.00000	467468.13546	0.08561	0.2500
3281:	70	8	62	69	8	61	467468.22107	467468.13627	0.08480	0.10000	0.00000	467468.13627	0.08480	0.2500
3282:	70	9	62	69	8	61	467468.22107	467468.13722	0.08385	0.10000	0.00000	467468.13722	0.08385	0.2500
3283:	65	24	41	64	24	40	467476.97074	467477.11980	-0.14906	0.10000	0.00000	467477.11980	-0.14906	0.5000
3284:	65	24	42	64	24	41	467476.97074	467477.11808	-0.14734	0.10000	0.00000	467477.11808	-0.14734	0.5000
3285:	27	20	8	26	19	7	467511.65966	467511.77741	-0.11775	0.10000	0.00000	467511.77741	-0.11775	0.5000
3286:	27	20	7	26	19	8	467511.65966	467511.77741	-0.11775	0.10000	0.00000	467511.77741	-0.11775	0.5000
3287:	25	21	5	24	20	4	467556.33218	467556.38378	-0.05160	0.10000	0.00000	467556.38378	-0.05160	0.5000

3288:	25	21	4	24	20	5	467556.33218	467556.38378	-0.05160	0.10000	0.00000	467556.38378	-0.05160	0.5000
3289:	23	22	2	22	21	1	467581.12872	467581.06774	0.06097	0.10000	0.00000	467581.06774	0.06097	0.5000
3290:	23	22	1	22	21	2	467581.12872	467581.06774	0.06097	0.10000	0.00000	467581.06774	0.06097	0.5000
3291:	71	7	64	70	8	63	467648.74933	467648.75295	-0.00362	0.10000	0.00000	467648.75299	-0.00366	0.2500
3292:	71	7	64	70	7	63	467648.74933	467648.75300	-0.00367	0.10000	0.00000	467648.75299	-0.00366	0.2500
3293:	71	8	64	70	7	63	467648.74933	467648.75302	-0.00369	0.10000	0.00000	467648.75299	-0.00366	0.2500
3294:	71	8	64	70	8	63	467648.74933	467648.75298	-0.00365	0.10000	0.00000	467648.75299	-0.00366	0.2500
3295:	67	12	56	66	12	55	467700.38365	467700.41217	-0.02852	0.10000	0.00000			
3296:	67	11	56	66	11	55	467711.19326	467711.33211	-0.13885	0.10000	0.00000			
3297:	62	14	48	61	14	47	467769.87512	467770.02187	-0.14675	0.10000	0.00000			
3298:	72	6	66	71	6	65	467889.77069	467889.81627	-0.04558	0.10000	0.00000	467889.81627	-0.04558	0.2500
3299:	72	6	66	71	7	65	467889.77069	467889.81627	-0.04558	0.10000	0.00000	467889.81627	-0.04558	0.2500
3300:	72	7	66	71	6	65	467889.77069	467889.81627	-0.04558	0.10000	0.00000	467889.81627	-0.04558	0.2500
3301:	72	7	66	71	7	65	467889.77069	467889.81627	-0.04558	0.10000	0.00000	467889.81627	-0.04558	0.2500
3302:	73	5	68	72	6	67	468171.42251	468171.51682	-0.09431	0.10000	0.00000	468171.51682	-0.09431	0.3333
3303:	73	6	68	72	5	67	468171.42251	468171.51682	-0.09431	0.10000	0.00000	468171.51682	-0.09431	0.3333
3304:	73	5	68	72	5	67	468171.42251	468171.51682	-0.09431	0.10000	0.00000	468171.51682	-0.09431	0.3333
3305:	66	13	54	65	13	53	468307.08507	468307.02434	0.06072	0.10000	0.00000			
3306:	65	23	43	64	23	42	468439.05747	468438.93265	0.12482	0.10000	0.00000	468438.94450	0.11297	0.5000
3307:	65	23	42	64	23	41	468439.05747	468438.95635	0.10112	0.10000	0.00000	468438.94450	0.11297	0.5000
3308:	74	4	70	73	5	69	468480.43187	468480.41140	0.02047	0.10000	0.00000	468480.41140	0.02047	0.2500
3309:	74	5	70	73	4	69	468480.43187	468480.41140	0.02047	0.10000	0.00000	468480.41140	0.02047	0.2500
3310:	74	5	70	73	5	69	468480.43187	468480.41140	0.02047	0.10000	0.00000	468480.41140	0.02047	0.2500
3311:	74	4	70	73	4	69	468480.43187	468480.41140	0.02047	0.10000	0.00000	468480.41140	0.02047	0.2500
3312:	75	3	72	74	3	71	468807.07490	468807.09741	-0.02251	0.10000	0.00000	468807.09741	-0.02251	0.2500
3313:	75	3	72	74	4	71	468807.07490	468807.09741	-0.02251	0.10000	0.00000	468807.09741	-0.02251	0.2500
3314:	75	4	72	74	3	71	468807.07490	468807.09741	-0.02251	0.10000	0.00000	468807.09741	-0.02251	0.2500
3315:	75	4	72	74	4	71	468807.07490	468807.09741	-0.02251	0.10000	0.00000	468807.09741	-0.02251	0.2500
3316:	64	18	47	63	18	46	468928.32095	468928.27282	0.04814	0.10000	0.00000			
3317:	65	14	52	64	14	51	469128.79626	469128.81007	-0.01381	0.10000	0.00000			
3318:	76	2	74	75	3	73	469144.83775	469144.84411	-0.00635	0.10000	0.00000	469144.84411	-0.00635	0.2500
3319:	76	3	74	75	2	73	469144.83775	469144.84411	-0.00635	0.10000	0.00000	469144.84411	-0.00635	0.2500
3320:	76	3	74	75	3	73	469144.83775	469144.84411	-0.00635	0.10000	0.00000	469144.84411	-0.00635	0.2500
3321:	76	2	74	75	2	73	469144.83775	469144.84411	-0.00635	0.10000	0.00000	469144.84411	-0.00635	0.2500
3322:	77	1	76	76	1	75	469488.73872	469488.74548	-0.00676	0.10000	0.00000	469488.74548	-0.00676	0.2500
3323:	77	1	76	76	2	75	469488.73872	469488.74548	-0.00676	0.10000	0.00000	469488.74548	-0.00676	0.2500
3324:	77	2	76	76	1	75	469488.73872	469488.74548	-0.00676	0.10000	0.00000	469488.74548	-0.00676	0.2500
3325:	77	2	76	76	2	75	469488.73872	469488.74548	-0.00676	0.10000	0.00000	469488.74548	-0.00676	0.2500
3326:	65	22	43	64	22	42	469568.54847	469568.66060	-0.11214	0.10000	0.00000	469568.51609	0.03238	0.5000
3327:	65	22	44	64	22	43	469568.54847	469568.37158	0.17689	0.10000	0.00000	469568.51609	0.03238	0.5000
3328:	64	18	46	63	18	45	469818.40963	469818.48420	-0.07467	0.10000	0.00000			
3329:	78	0	78	77	0	77	469835.14918	469835.17447	-0.02529	0.10000	0.00000	469835.17447	-0.02529	0.2500
3330:	78	0	78	77	1	77	469835.14918	469835.17447	-0.02529	0.10000	0.00000	469835.17447	-0.02529	0.2500
3331:	78	1	78	77	0	77	469835.14918	469835.17447	-0.02529	0.10000	0.00000	469835.17447	-0.02529	0.2500
3332:	78	1	78	77	1	77	469835.14918	469835.17447	-0.02529	0.10000	0.00000	469835.17447	-0.02529	0.2500
3333:	66	32	35	65	32	34	470202.73436	470202.83710	-0.10273	0.10000	0.00000	470202.83710	-0.10273	0.5000
3334:	66	32	34	65	32	33	470202.73436	470202.83710	-0.10273	0.10000	0.00000	470202.83710	-0.10273	0.5000
3335:	66	31	36	65	31	35	470601.28468	470601.39782	-0.11313	0.10000	0.00000	470601.39782	-0.11313	0.5000
3336:	66	31	35	65	31	34	470601.28468	470601.39782	-0.11313	0.10000	0.00000	470601.39782	-0.11313	0.5000

3337:	65	13	52	64	13	51	470689.70254	470689.51433	0.18821	0.10000	0.00000	0.00909 0.5000
3338:	65	21	45	64	21	44	470918.41143	470918.33576	0.07567	0.10000	0.00000	0.00909 0.5000
3339:	65	21	44	64	21	43	470921.50169	470921.42123	0.08045	0.10000	0.00000	
3340:	64	17	48	63	17	47	470996.82760	470996.77154	0.05606	0.10000	0.00000	
3341:	66	30	36	65	30	35	471038.75158	471038.74249	0.00909	0.10000	0.00000	471038.74249
3342:	66	30	37	65	30	36	471038.75158	471038.74249	0.00909	0.10000	0.00000	471038.74249
3343:	64	16	49	63	16	48	471407.94071	471407.97905	-0.03834	0.10000	0.00000	
3344:	66	29	38	65	29	37	471521.25877	471521.25150	0.00727	0.10000	0.00000	0.00727 0.5000
3345:	66	29	37	65	29	36	471521.25877	471521.25150	0.00727	0.10000	0.00000	0.00727 0.5000
3346:	62	15	47	61	15	46	471917.68746	471917.71481	-0.02735	0.10000	0.00000	
3347:	65	20	46	64	20	45	472564.26597	472564.25773	0.00824	0.10000	0.00000	
3348:	65	20	45	64	20	44	472592.67194	472592.66893	0.00301	0.10000	0.00000	
3349:	66	27	40	65	27	39	472654.96486	472655.00845	-0.04359	0.10000	0.00000	-0.04359 0.5000
3350:	66	27	39	65	27	38	472654.96486	472655.00845	-0.04359	0.10000	0.00000	-0.04359 0.5000
3351:	63	14	49	62	14	48	472692.56058	472692.51981	0.04077	0.10000	0.00000	
3352:	70	9	61	69	10	60	473313.83132	473313.88039	-0.04907	0.10000	0.00000	-0.07282 0.2500
3353:	70	10	61	69	10	60	473313.83132	473313.89733	-0.06601	0.10000	0.00000	-0.07282 0.2500
3354:	70	9	61	69	9	60	473313.83132	473313.91095	-0.07962	0.10000	0.00000	-0.07282 0.2500
3355:	70	10	61	69	9	60	473313.83132	473313.92789	-0.09656	0.10000	0.00000	-0.07282 0.2500
3356:	66	26	40	65	26	39	473328.27897	473328.33280	-0.05383	0.10000	0.00000	-0.05382 0.5000
3357:	66	26	41	65	26	40	473328.27897	473328.33279	-0.05382	0.10000	0.00000	-0.05382 0.5000
3358:	69	11	59	68	11	58	473342.32733	473342.14531	0.18202	0.10000	0.00000	0.01390 0.5000
3359:	69	10	59	68	10	58	473342.32733	473342.48156	-0.15423	0.10000	0.00000	0.01390 0.5000
3360:	71	8	63	70	9	62	473416.42488	473416.42946	-0.00457	0.10000	0.00000	-0.00531 0.2500
3361:	71	9	63	70	9	62	473416.42488	473416.42997	-0.00509	0.10000	0.00000	-0.00531 0.2500
3362:	71	8	63	70	8	62	473416.42488	473416.43041	-0.00553	0.10000	0.00000	-0.00531 0.2500
3363:	71	9	63	70	8	62	473416.42488	473416.43093	-0.00604	0.10000	0.00000	-0.00531 0.2500
3364:	68	12	57	67	12	56	473576.12437	473576.46290	-0.33853	0.10000	0.00000	
3365:	68	11	57	67	11	56	473583.01611	473582.99808	0.01803	0.10000	0.00000	
3366:	72	7	65	71	7	64	473604.63653	473604.65236	-0.01583	0.10000	0.00000	-0.01582 0.2500
3367:	72	7	65	71	8	64	473604.63653	473604.65234	-0.01580	0.10000	0.00000	-0.01582 0.2500
3368:	72	8	65	71	8	64	473604.63653	473604.65235	-0.01582	0.10000	0.00000	-0.01582 0.2500
3369:	72	8	65	71	7	64	473604.63653	473604.65237	-0.01584	0.10000	0.00000	-0.01582 0.2500
3370:	73	6	67	72	7	66	473850.31636	473850.29559	0.02077	0.10000	0.00000	0.02077 0.2500
3371:	73	7	67	72	6	66	473850.31636	473850.29559	0.02077	0.10000	0.00000	0.02077 0.2500
3372:	73	7	67	72	7	66	473850.31636	473850.29559	0.02077	0.10000	0.00000	0.02077 0.2500
3373:	73	6	67	72	6	66	473850.31636	473850.29559	0.02077	0.10000	0.00000	0.02077 0.2500
3374:	74	5	69	73	5	68	474134.67891	474134.74066	-0.06175	0.10000	0.00000	-0.06175 0.2500
3375:	74	5	69	73	6	68	474134.67891	474134.74066	-0.06175	0.10000	0.00000	-0.06175 0.2500
3376:	74	6	69	73	5	68	474134.67891	474134.74066	-0.06175	0.10000	0.00000	-0.06175 0.2500
3377:	74	6	69	73	6	68	474134.67891	474134.74066	-0.06175	0.10000	0.00000	-0.06175 0.2500
3378:	67	12	55	66	12	54	474226.91790	474226.96477	-0.04687	0.10000	0.00000	
3379:	32	18	15	31	17	14	474263.83684	474263.77416	0.06268	0.10000	0.00000	0.06268 0.5000
3380:	32	18	14	31	17	15	474263.83684	474263.77416	0.06268	0.10000	0.00000	0.06268 0.5000
3381:	75	4	71	74	4	70	474445.19346	474445.25084	-0.05738	0.10000	0.00000	-0.05738 0.2500
3382:	75	4	71	74	5	70	474445.19346	474445.25084	-0.05738	0.10000	0.00000	-0.05738 0.2500
3383:	75	5	71	74	4	70	474445.19346	474445.25084	-0.05738	0.10000	0.00000	-0.05738 0.2500
3384:	75	5	71	74	5	70	474445.19346	474445.25084	-0.05738	0.10000	0.00000	-0.05738 0.2500
3385:	30	19	12	29	18	11	474459.65106	474459.54361	0.10745	0.10000	0.00000	0.10745 0.5000

3386:	30	19	11	29	18	12	474459.65106	474459.54361	0.10745	0.10000	0.00000	474459.54361	0.10745	0.5000
3387:	28	20	9	27	19	8	474563.45119	474563.37954	0.07165	0.10000	0.00000	474563.37954	0.07165	0.5000
3388:	28	20	8	27	19	9	474563.45119	474563.37954	0.07165	0.10000	0.00000	474563.37954	0.07165	0.5000
3389:	65	19	47	64	19	46	474585.01231	474585.01231	0.06398	0.10000	0.00000			
3390:	26	21	6	25	20	5	474617.45770	474617.49539	-0.03769	0.10000	0.00000	474617.49539	-0.03769	0.5000
3391:	26	21	5	25	20	6	474617.45770	474617.49539	-0.03769	0.10000	0.00000	474617.49539	-0.03769	0.5000
3392:	63	16	47	62	16	46	474634.67814	474634.81379	-0.13565	0.10000	0.00000			
3393:	24	22	2	23	21	3	474646.58280	474646.59966	-0.01685	0.10000	0.00000	474646.59966	-0.01685	0.5000
3394:	24	22	3	23	21	2	474646.58280	474646.59966	-0.01685	0.10000	0.00000	474646.59966	-0.01685	0.5000
3395:	76	3	73	75	4	72	474772.84128	474772.85914	-0.01786	0.10000	0.00000	474772.85914	-0.01786	0.2500
3396:	76	4	73	75	3	72	474772.84128	474772.85914	-0.01786	0.10000	0.00000	474772.85914	-0.01786	0.2500
3397:	76	4	73	75	4	72	474772.84128	474772.85914	-0.01786	0.10000	0.00000	474772.85914	-0.01786	0.2500
3398:	76	3	73	75	3	72	474772.84128	474772.85914	-0.01786	0.10000	0.00000	474772.85914	-0.01786	0.2500
3399:	65	19	46	64	19	45	474805.50643	474805.48082	0.02562	0.10000	0.00000			
3400:	66	24	42	65	24	41	474968.88712	474968.90483	-0.01771	0.10000	0.00000	474968.90307	-0.01595	0.5000
3401:	66	24	43	65	24	42	474968.88712	474968.90131	-0.01420	0.10000	0.00000	474968.90307	-0.01595	0.5000
3402:	66	14	53	65	14	52	474980.66190	474980.60180	0.06009	0.10000	0.00000			
3403:	77	2	75	76	2	74	475111.12505	475111.11054	0.01451	0.10000	0.00000	475111.11054	0.01451	0.2500
3404:	77	2	75	76	2	74	475111.12505	475111.11054	0.01451	0.10000	0.00000	475111.11054	0.01451	0.2500
3405:	77	3	75	76	2	74	475111.12505	475111.11054	0.01451	0.10000	0.00000	475111.11054	0.01451	0.2500
3406:	77	3	75	76	3	74	475111.12505	475111.11054	0.01451	0.10000	0.00000	475111.11054	0.01451	0.2500
3407:	64	17	47	63	17	46	475426.81199	475426.84924	-0.03725	0.10000	0.00000			
3408:	78	1	77	77	2	76	475455.29983	475455.27666	0.02318	0.10000	0.00000	475455.27666	0.02318	0.2500
3409:	78	2	77	77	1	76	475455.29983	475455.27666	0.02318	0.10000	0.00000	475455.27666	0.02318	0.2500
3410:	78	2	77	77	2	76	475455.29983	475455.27666	0.02318	0.10000	0.00000	475455.27666	0.02318	0.2500
3411:	78	1	77	77	1	76	475455.29983	475455.27666	0.02318	0.10000	0.00000	475455.27666	0.02318	0.2500
3412:	79	0	79	78	0	78	475801.83522	475801.84596	-0.01074	0.10000	0.00000	475801.84596	-0.01074	0.2500
3413:	79	0	79	78	1	78	475801.83522	475801.84596	-0.01074	0.10000	0.00000	475801.84596	-0.01074	0.2500
3414:	79	1	79	78	0	78	475801.83522	475801.84596	-0.01074	0.10000	0.00000	475801.84596	-0.01074	0.2500
3415:	79	1	79	78	1	78	475801.83522	475801.84596	-0.01074	0.10000	0.00000	475801.84596	-0.01074	0.2500
3416:	66	23	43	65	23	42	475985.76505	475985.76841	-0.00336	0.10000	0.00000	475985.74515	0.01990	0.5000
3417:	66	23	44	65	23	43	475985.76505	475985.72190	0.04315	0.10000	0.00000	475985.74515	0.01990	0.5000
3418:	66	13	53	65	13	52	476030.42361	476030.38921	0.03440	0.10000	0.00000			
3419:	67	34	34	66	34	33	476738.58704	476738.69353	-0.10648	0.10000	0.00000	476738.69353	-0.10648	0.5000
3420:	67	34	33	66	34	32	476738.58704	476738.69353	-0.10648	0.10000	0.00000	476738.69353	-0.10648	0.5000
3421:	65	18	48	64	18	47	476897.82902	476897.74724	0.08178	0.10000	0.00000			
3422:	67	33	35	66	33	34	477089.41773	477089.62672	-0.20899	0.10000	0.00000	477089.62672	-0.20899	0.5000
3423:	67	33	34	66	33	33	477089.41773	477089.62672	-0.20899	0.10000	0.00000	477089.62672	-0.20899	0.5000
3424:	66	22	45	65	22	44	477183.67093	477183.37793	0.29300	0.10000	0.00000	477183.64986	0.02107	0.5000
3425:	66	22	44	65	22	43	477183.67093	477183.92179	-0.25087	0.10000	0.00000	477183.64986	0.02107	0.5000
3426:	64	14	50	63	14	49	477273.73844	477273.77348	-0.03504	0.10000	0.00000			
3427:	67	31	37	66	31	36	477888.22823	477888.20920	0.01903	0.10000	0.00000	477888.20920	0.01903	0.5000
3428:	67	31	36	66	31	35	477888.22823	477888.20920	0.01903	0.10000	0.00000	477888.20920	0.01903	0.5000
3429:	65	18	47	64	18	46	478276.91648	478276.84348	0.07300	0.10000	0.00000			
3430:	67	30	37	66	30	36	478346.21745	478346.07004	0.14740	0.10000	0.00000	478346.07004	0.14740	0.5000
3431:	67	30	38	66	30	37	478346.21745	478346.07004	0.14740	0.10000	0.00000	478346.07004	0.14740	0.5000
3432:	65	16	50	64	16	49	478518.13061	478518.05890	0.07171	0.10000	0.00000			
3433:	66	21	46	65	21	45	478620.37156	478620.34548	0.02607	0.10000	0.00000			
3434:	66	21	45	65	21	44	478625.95845	478625.90187	0.05658	0.10000	0.00000			

3435:	65	17	49	64	17	48	478759.59842	478759.66175	-0.06334	0.10000	0.00000	478851.61770	0.19497	0.5000
3436:	67	29	38	66	29	37	478851.81268	478851.61770	0.19497	0.10000	0.00000	478851.61770	0.19497	0.5000
3437:	67	29	38	66	29	38	478851.81268	478851.61770	0.19497	0.10000	0.00000	478851.61770	0.19497	0.5000
3438:	71	10	62	70	10	61	479250.50464	479250.53799	-0.03336	0.10000	0.00000	479250.54178	-0.03715	0.2500
3439:	71	9	62	70	9	61	479250.50464	479250.54557	-0.04093	0.10000	0.00000	479250.54178	-0.03715	0.2500
3440:	71	10	62	70	9	61	479250.50464	479250.55493	-0.05030	0.10000	0.00000	479250.54178	-0.03715	0.2500
3441:	71	9	62	70	10	61	479250.50464	479250.52863	-0.02399	0.10000	0.00000	479250.54178	-0.03715	0.2500
3442:	70	11	60	69	11	59	479258.81615	479258.69635	0.11980	0.10000	0.00000	479258.79284	0.02331	0.5000
3443:	70	10	60	69	10	59	479258.81615	479258.88933	-0.07318	0.10000	0.00000	479258.79284	0.02331	0.5000
3444:	72	9	64	71	9	63	479364.91582	479364.92109	-0.00527	0.10000	0.00000	479364.92121	-0.00539	0.2500
3445:	72	8	64	71	8	63	479364.91582	479364.92133	-0.00551	0.10000	0.00000	479364.92121	-0.00539	0.2500
3446:	72	9	64	71	8	63	479364.91582	479364.92161	-0.00579	0.10000	0.00000	479364.92121	-0.00539	0.2500
3447:	72	8	64	71	9	63	479364.91582	479364.92081	-0.00499	0.10000	0.00000	479364.92121	-0.00539	0.2500
3448:	26	13	13	26	10	16	479413.24205	479413.02518	0.21687	0.10000	0.00000	479413.14103	0.10102	0.3333
3449:	67	28	39	66	28	38	479413.24205	479413.19895	0.04310	0.10000	0.00000	479413.14103	0.10102	0.3333
3450:	67	28	40	66	28	39	479413.24205	479413.19895	0.04310	0.10000	0.00000	479413.14103	0.10102	0.3333
3451:	73	7	66	72	8	65	479560.27112	479560.27914	-0.00803	0.10000	0.00000	479560.27915	-0.00803	0.2500
3452:	73	8	66	72	7	65	479560.27112	479560.27916	-0.00804	0.10000	0.00000	479560.27915	-0.00803	0.2500
3453:	73	8	66	72	8	65	479560.27112	479560.27915	-0.00803	0.10000	0.00000	479560.27915	-0.00803	0.2500
3454:	73	7	66	72	7	65	479560.27112	479560.27915	-0.00804	0.10000	0.00000	479560.27915	-0.00803	0.2500
3455:	74	6	68	73	6	67	479810.28841	479810.24968	0.03873	0.10000	0.00000	479810.24968	0.03873	0.2500
3456:	74	6	68	73	7	67	479810.28841	479810.24968	0.03873	0.10000	0.00000	479810.24968	0.03873	0.2500
3457:	74	7	68	73	6	67	479810.28841	479810.24968	0.03873	0.10000	0.00000	479810.24968	0.03873	0.2500
3458:	74	7	68	73	7	67	479810.28841	479810.24968	0.03873	0.10000	0.00000	479810.24968	0.03873	0.2500
3459:	68	12	56	67	12	55	480018.72707	480018.67624	0.05083	0.10000	0.00000	480018.67624	0.05083	0.2500
3460:	67	27	41	66	27	40	480041.21823	480041.23426	-0.01603	0.10000	0.00000	480041.23426	-0.01603	0.5000
3461:	67	27	40	66	27	39	480041.21823	480041.23426	-0.01603	0.10000	0.00000	480041.23426	-0.01603	0.5000
3462:	75	5	70	74	6	69	480097.30022	480097.30378	-0.00356	0.10000	0.00000	480097.30378	-0.00356	0.2500
3463:	75	6	70	74	5	69	480097.30022	480097.30378	-0.00356	0.10000	0.00000	480097.30378	-0.00356	0.2500
3464:	75	6	70	74	6	69	480097.30022	480097.30378	-0.00356	0.10000	0.00000	480097.30378	-0.00356	0.2500
3465:	75	5	70	74	5	69	480097.30022	480097.30378	-0.00356	0.10000	0.00000	480097.30378	-0.00356	0.2500
3466:	66	20	47	65	20	46	480377.43686	480377.54843	-0.11158	0.10000	0.00000	480377.54843	-0.11158	0.2500
3467:	76	4	72	75	5	71	480409.36371	480409.35898	0.00473	0.10000	0.00000	480409.35898	0.00473	0.2500
3468:	76	5	72	75	4	71	480409.36371	480409.35898	0.00473	0.10000	0.00000	480409.35898	0.00473	0.2500
3469:	76	5	72	75	5	71	480409.36371	480409.35898	0.00473	0.10000	0.00000	480409.35898	0.00473	0.2500
3470:	76	4	72	75	4	71	480409.36371	480409.35898	0.00473	0.10000	0.00000	480409.35898	0.00473	0.2500
3471:	77	3	74	76	3	73	480737.83179	480737.85501	-0.02322	0.10000	0.00000	480737.85501	-0.02322	0.2500
3472:	77	3	74	76	4	73	480737.83179	480737.85501	-0.02322	0.10000	0.00000	480737.85501	-0.02322	0.2500
3473:	77	4	74	76	3	73	480737.83179	480737.85501	-0.02322	0.10000	0.00000	480737.85501	-0.02322	0.2500
3474:	77	4	74	76	4	73	480737.83179	480737.85501	-0.02322	0.10000	0.00000	480737.85501	-0.02322	0.2500
3475:	67	26	41	66	26	40	480748.84322	480748.95489	-0.11167	0.10000	0.00000	480748.95488	-0.11166	0.5000
3476:	67	26	42	66	26	41	480748.84322	480748.95486	-0.11164	0.10000	0.00000	480748.95488	-0.11166	0.5000
3477:	67	14	54	66	14	53	480802.28386	480802.28386	0.06131	0.10000	0.00000	480748.95488	-0.11166	0.5000
3478:	35	17	19	34	16	18	480837.04766	480836.96562	0.08203	0.10000	0.00000	480836.96582	0.08183	0.5000
3479:	35	17	18	34	16	19	480837.04766	480836.96602	0.08163	0.10000	0.00000	480836.96582	0.08183	0.5000
3480:	78	2	76	77	3	75	481076.59419	481076.59621	-0.00202	0.10000	0.00000	481076.59621	-0.00202	0.2500
3481:	78	3	76	77	2	75	481076.59419	481076.59621	-0.00202	0.10000	0.00000	481076.59621	-0.00202	0.2500
3482:	78	3	76	77	3	75	481076.59419	481076.59621	-0.00202	0.10000	0.00000	481076.59621	-0.00202	0.2500
3483:	78	2	76	77	2	75	481076.59419	481076.59621	-0.00202	0.10000	0.00000	481076.59621	-0.00202	0.2500

3484:	66	15	52	65	15	51	481209.10510	481209.04525	0.05984	0.10000	0.00000	481255.54623	-0.02688	0.5000
3485:	33	18	15	32	17	16	481255.51935	481255.54623	-0.02688	0.10000	0.00000	481255.54623	-0.02688	0.5000
3486:	33	18	16	32	17	15	481255.51935	481255.54623	-0.02687	0.10000	0.00000	481255.54623	-0.02687	0.5000
3487:	79	1	78	78	2	77	481421.03599	481421.02227	0.01372	0.10000	0.00000	481421.02227	0.01372	0.2500
3488:	79	2	78	78	1	77	481421.03599	481421.02227	0.01372	0.10000	0.00000	481421.02227	0.01372	0.2500
3489:	79	2	78	78	2	77	481421.03599	481421.02227	0.01372	0.10000	0.00000	481421.02227	0.01372	0.2500
3490:	79	1	78	78	1	77	481421.03599	481421.02227	0.01372	0.10000	0.00000	481421.02227	0.01372	0.2500
3491:	31	19	12	30	18	13	481486.07563	481486.09467	-0.01904	0.10000	0.00000	481486.09467	-0.01904	0.5000
3492:	31	19	13	30	18	12	481486.07563	481486.09467	-0.01904	0.10000	0.00000	481486.09467	-0.01904	0.5000
3493:	67	13	54	66	13	53	481497.12906	481497.32979	-0.20073	0.10000	0.00000	481497.32979	-0.20073	0.5000
3494:	67	25	42	66	25	41	481553.52554	481553.50876	0.01678	0.10000	0.00000	481553.50851	0.01703	0.5000
3495:	67	25	43	66	25	42	481553.52554	481553.50826	0.01728	0.10000	0.00000	481553.50851	0.01703	0.5000
3496:	29	20	10	28	19	9	481610.33674	481610.34403	-0.00729	0.10000	0.00000	481610.34403	-0.00729	0.5000
3497:	29	20	9	28	19	10	481610.33674	481610.34403	-0.00729	0.10000	0.00000	481610.34403	-0.00729	0.5000
3498:	27	21	6	26	20	7	481675.89926	481675.84545	0.05381	0.10000	0.00000	481675.84545	0.05381	0.5000
3499:	27	21	7	26	20	6	481675.89926	481675.84545	0.05381	0.10000	0.00000	481675.84545	0.05381	0.5000
3500:	25	22	4	24	21	3	481710.52992	481710.63798	-0.10806	0.10000	0.00000	481710.63798	-0.10806	0.5000
3501:	25	22	3	24	21	4	481710.52992	481710.63798	-0.10806	0.10000	0.00000	481710.63798	-0.10806	0.5000
3502:	23	23	1	22	22	0	481731.10675	481731.19040	-0.08366	0.10000	0.00000	481731.19040	-0.08366	0.5000
3503:	23	23	0	22	22	1	481731.10675	481731.19040	-0.08366	0.10000	0.00000	481731.19040	-0.08366	0.5000
3504:	65	14	51	64	14	50	481733.75240	481733.75773	-0.00533	0.10000	0.00000	481733.75773	-0.00533	0.5000
3505:	80	0	80	79	1	79	481767.74357	481767.73159	0.01198	0.10000	0.00000	481767.73159	0.01198	0.2500
3506:	80	1	80	79	0	79	481767.74357	481767.73159	0.01198	0.10000	0.00000	481767.73159	0.01198	0.2500
3507:	80	1	80	79	1	79	481767.74357	481767.73159	0.01198	0.10000	0.00000	481767.73159	0.01198	0.2500
3508:	80	0	80	79	0	79	481767.74357	481767.73159	0.01198	0.10000	0.00000	481767.73159	0.01198	0.2500
3509:	67	24	44	66	24	43	482477.67585	482477.68518	-0.00932	0.10000	0.00000	482477.68872	-0.01286	0.5000
3510:	67	24	43	66	24	42	482477.67585	482477.69226	-0.01640	0.10000	0.00000	482477.68872	-0.01286	0.5000
3511:	66	19	48	65	19	47	482520.06597	482520.03282	0.03315	0.10000	0.00000	482520.03282	0.03315	0.5000
3512:	66	19	47	65	19	46	482878.75980	482878.76111	-0.00131	0.10000	0.00000	482878.76111	-0.00131	0.5000
3513:	67	23	44	66	23	43	483552.79705	483552.82950	-0.03245	0.10000	0.00000	483552.78450	0.01255	0.5000
3514:	67	23	45	66	23	44	483552.79705	483552.73950	0.05755	0.10000	0.00000	483552.78450	0.01255	0.5000
3515:	68	35	33	67	35	32	483642.86019	483642.97701	-0.11682	0.10000	0.00000	483642.97701	-0.11682	0.5000
3516:	68	35	34	67	35	33	483642.86019	483642.97701	-0.11682	0.10000	0.00000	483642.97701	-0.11682	0.5000
3517:	68	34	35	67	34	34	483981.08175	483981.27043	-0.18868	0.10000	0.00000	483981.27043	-0.18868	0.5000
3518:	68	34	34	67	34	33	483981.08175	483981.27043	-0.18868	0.10000	0.00000	483981.27043	-0.18868	0.5000
3519:	64	16	48	63	16	47	484297.69819	484297.60764	0.09054	0.10000	0.00000	484297.60764	0.09054	0.5000
3520:	68	33	35	67	33	34	484347.62227	484347.76373	-0.14146	0.10000	0.00000	484347.76373	-0.14146	0.5000
3521:	68	33	36	67	33	35	484347.62227	484347.76373	-0.14146	0.10000	0.00000	484347.76373	-0.14146	0.5000
3522:	68	32	37	67	32	36	484746.40715	484746.56522	-0.15807	0.10000	0.00000	484746.56522	-0.15807	0.5000
3523:	68	32	36	67	32	35	484746.40715	484746.56522	-0.15807	0.10000	0.00000	484746.56522	-0.15807	0.5000
3524:	66	18	49	65	18	48	484860.49190	484860.40296	0.08894	0.10000	0.00000	484860.40296	0.08894	0.5000
3525:	65	17	48	64	17	47	484936.35951	484936.33755	0.02197	0.10000	0.00000	484936.33755	0.02197	0.5000
3526:	71	10	61	70	11	60	485177.80323	485177.55424	0.24899	0.10000	0.00000	485177.55424	0.24899	0.5000
3527:	71	11	61	70	11	60	485177.80323	485177.69802	0.10521	0.10000	0.00000	485177.75314	0.05008	0.2500
3528:	71	10	61	70	10	60	485177.80323	485177.80827	-0.00504	0.10000	0.00000	485177.75314	0.05008	0.2500
3529:	71	11	61	70	10	60	485177.80323	485177.95205	-0.14883	0.10000	0.00000	485177.75314	0.05008	0.2500
3530:	68	31	38	67	31	37	485182.45538	485182.58120	-0.12581	0.10000	0.00000	485182.58120	-0.12581	0.5000
3531:	68	31	37	67	31	36	485182.45538	485182.58120	-0.12581	0.10000	0.00000	485182.58120	-0.12581	0.5000
3532:	72	9	63	71	10	62	485188.08803	485188.08519	0.00284	0.10000	0.00000	485188.09245	-0.00442	0.2500

3533:	72	10	63	71	10	62	485188.08803	485188.09035	-0.00232	0.10000	0.00000	485188.09245	-0.00442	0.2500
3534:	72	9	63	71	9	62	485188.08803	485188.09455	-0.00652	0.10000	0.00000	485188.09245	-0.00442	0.2500
3535:	72	10	63	71	9	62	485188.08803	485188.09971	-0.01168	0.10000	0.00000	485188.09245	-0.00442	0.2500
3536:	73	9	65	72	9	64	485313.56760	485313.52155	0.04605	0.10000	0.00000	485313.52162	0.04599	0.2500
3537:	73	8	65	72	8	64	485313.56760	485313.52168	0.04592	0.10000	0.00000	485313.52162	0.04599	0.2500
3538:	73	9	65	72	8	64	485313.56760	485313.52183	0.04577	0.10000	0.00000	485313.52162	0.04599	0.2500
3539:	73	8	65	72	9	64	485313.56760	485313.52140	0.04620	0.10000	0.00000	485313.52162	0.04599	0.2500
3540:	70	12	59	69	12	58	485345.34012	485345.42884	-0.08872	0.10000	0.00000			
3541:	70	11	59	69	11	58	485347.68221	485347.72679	-0.04458	0.10000	0.00000			
3542:	66	16	51	65	16	50	485430.62809	485430.70678	-0.07869	0.10000	0.00000			
3543:	74	7	67	73	8	66	485515.63086	485515.58591	0.04495	0.10000	0.00000	485515.58591	0.04494	0.2500
3544:	74	8	67	73	7	66	485515.63086	485515.58592	0.04494	0.10000	0.00000	485515.58591	0.04494	0.2500
3545:	74	8	67	73	8	66	485515.63086	485515.58591	0.04495	0.10000	0.00000	485515.58591	0.04494	0.2500
3546:	74	7	67	73	7	66	485515.63086	485515.58591	0.04494	0.10000	0.00000	485515.58591	0.04494	0.2500
3547:	68	30	39	67	30	38	485661.71703	485661.72665	-0.00962	0.10000	0.00000	485661.72665	-0.00962	0.5000
3548:	68	30	38	67	30	37	485661.71703	485661.72665	-0.00962	0.10000	0.00000	485661.72665	-0.00962	0.5000
3549:	75	6	69	74	6	68	485769.73441	485769.65059	0.08383	0.10000	0.00000	485769.65059	0.08383	0.2500
3550:	75	6	69	74	7	68	485769.73441	485769.65059	0.08383	0.10000	0.00000	485769.65059	0.08383	0.2500
3551:	75	7	69	74	6	68	485769.73441	485769.65059	0.08383	0.10000	0.00000	485769.65059	0.08383	0.2500
3552:	75	7	69	74	7	68	485769.73441	485769.65059	0.08383	0.10000	0.00000	485769.65059	0.08383	0.2500
3553:	69	13	57	68	13	56	485793.86145	485793.84530	0.01615	0.10000	0.00000			
3554:	69	12	57	68	12	56	485831.02353	485831.19349	-0.16996	0.10000	0.00000			
3555:	76	5	71	75	5	70	486059.13717	486059.18791	-0.05074	0.10000	0.00000	486059.18791	-0.05074	0.2500
3556:	76	5	71	75	6	70	486059.13717	486059.18791	-0.05074	0.10000	0.00000	486059.18791	-0.05074	0.2500
3557:	76	6	71	75	5	70	486059.13717	486059.18791	-0.05074	0.10000	0.00000	486059.18791	-0.05074	0.2500
3558:	76	6	71	75	6	70	486059.13717	486059.18791	-0.05074	0.10000	0.00000	486059.18791	-0.05074	0.2500
3559:	68	29	40	67	29	39	486191.35728	486191.21049	0.14679	0.10000	0.00000	486191.21049	0.14679	0.5000
3560:	68	29	39	67	29	38	486191.35728	486191.21049	0.14679	0.10000	0.00000	486191.21049	0.14679	0.5000
3561:	66	14	52	65	14	51	486251.23871	486251.20355	0.03516	0.10000	0.00000			
3562:	67	21	47	66	21	46	486353.26542	486353.23982	0.02560	0.10000	0.00000			
3563:	67	21	46	66	21	45	486362.82970	486363.10657	-0.27687	0.10000	0.00000			
3564:	77	4	73	76	5	72	486372.72386	486372.72224	0.00162	0.10000	0.00000	486372.72224	0.00162	0.2500
3565:	77	5	73	76	4	72	486372.72386	486372.72224	0.00162	0.10000	0.00000	486372.72224	0.00162	0.2500
3566:	77	5	73	76	5	72	486372.72386	486372.72224	0.00162	0.10000	0.00000	486372.72224	0.00162	0.2500
3567:	77	4	73	76	4	72	486372.72386	486372.72224	0.00162	0.10000	0.00000	486372.72224	0.00162	0.2500
3568:	66	17	50	65	17	49	486407.74206	486407.85734	-0.11528	0.10000	0.00000			
3569:	68	14	55	67	14	54	486607.00107	486606.97163	0.02945	0.10000	0.00000			
3570:	78	3	75	77	4	74	486702.03437	486702.07368	-0.03931	0.10000	0.00000	486702.07368	-0.03931	0.2500
3571:	78	4	75	77	3	74	486702.03437	486702.07368	-0.03931	0.10000	0.00000	486702.07368	-0.03931	0.2500
3572:	78	4	75	77	4	74	486702.03437	486702.07368	-0.03931	0.10000	0.00000	486702.07368	-0.03931	0.2500
3573:	78	3	75	77	3	74	486702.03437	486702.07368	-0.03931	0.10000	0.00000	486702.07368	-0.03931	0.2500
3574:	68	28	40	67	28	39	486780.00382	486779.93005	0.07377	0.10000	0.00000	486779.93005	0.07377	0.5000
3575:	68	28	41	67	28	40	486780.00382	486779.93005	0.07377	0.10000	0.00000	486779.93005	0.07377	0.5000
3576:	64	15	49	63	15	48	486816.01360	486815.98474	0.02886	0.10000	0.00000			
3577:	66	18	48	65	18	47	486951.20232	486951.17029	0.03203	0.10000	0.00000			
3578:	79	2	77	78	2	76	487041.29101	487041.29072	0.00029	0.10000	0.00000	487041.29072	0.00029	0.2500
3579:	79	2	77	78	3	76	487041.29101	487041.29072	0.00029	0.10000	0.00000	487041.29072	0.00029	0.2500
3580:	79	3	77	78	2	76	487041.29101	487041.29072	0.00029	0.10000	0.00000	487041.29072	0.00029	0.2500
3581:	79	3	77	78	3	76	487041.29101	487041.29072	0.00029	0.10000	0.00000	487041.29072	0.00029	0.2500

3582:	67	15	53	66	15	52	487268.64521	487268.73018	-0.08497	0.10000	0.00000	487385.97227	-0.04899	0.2500
3583:	80	1	79	79	2	78	487385.92328	487385.97227	-0.04899	0.10000	0.00000	487385.97227	-0.04899	0.2500
3584:	80	2	79	79	1	78	487385.92328	487385.97227	-0.04899	0.10000	0.00000	487385.97227	-0.04899	0.2500
3585:	80	2	79	79	2	78	487385.92328	487385.97227	-0.04899	0.10000	0.00000	487385.97227	-0.04899	0.2500
3586:	80	1	79	79	1	78	487385.92328	487385.97227	-0.04899	0.10000	0.00000	487385.97227	-0.04899	0.2500
3587:	68	27	41	67	27	40	487438.98963	487439.03055	-0.04092	0.10000	0.00000	487439.03055	-0.04092	0.5000
3588:	68	27	42	67	27	41	487438.98963	487439.03054	-0.04092	0.10000	0.00000	487439.03055	-0.04092	0.5000
3589:	81	0	81	80	1	80	487732.82696	487732.82140	0.00556	0.10000	0.00000	487732.82140	0.00556	0.2500
3590:	81	1	81	80	0	80	487732.82696	487732.82140	0.00556	0.10000	0.00000	487732.82140	0.00556	0.2500
3591:	81	1	81	80	1	80	487732.82696	487732.82140	0.00556	0.10000	0.00000	487732.82140	0.00556	0.2500
3592:	81	0	81	80	0	80	487732.82696	487732.82140	0.00556	0.10000	0.00000	487732.82140	0.00556	0.2500
3593:	36	17	20	35	16	19	487751.04526	487750.98297	0.06229	0.10000	0.00000	487750.98349	0.06176	0.5000
3594:	36	17	19	35	16	20	487751.04526	487750.98402	0.06124	0.10000	0.00000	487750.98349	0.06176	0.5000
3595:	68	26	42	67	26	41	488182.78211	488182.72242	0.05969	0.10000	0.00000	488182.72239	0.05972	0.5000
3596:	68	26	43	67	26	42	488182.78211	488182.72235	0.05976	0.10000	0.00000	488182.72239	0.05972	0.5000
3597:	67	20	48	66	20	47	488227.99759	488227.90852	0.08908	0.10000	0.00000			
3598:	34	18	17	33	17	16	488234.56229	488234.57874	-0.01645	0.10000	0.00000			
3599:	67	20	47	66	20	46	488310.41087	488310.48741	-0.07654	0.10000	0.00000			
3600:	32	19	13	31	18	14	488504.37203	488504.37849	-0.00645	0.10000	0.00000	488504.37849	-0.00645	0.5000
3601:	32	19	14	31	18	13	488504.37203	488504.37849	-0.00645	0.10000	0.00000	488504.37849	-0.00645	0.5000
3602:	30	20	11	29	19	10	488651.86571	488652.03972	-0.17401	0.10000	0.00000	488652.03972	-0.17401	0.5000
3603:	30	20	10	29	19	11	488651.86571	488652.03972	-0.17401	0.10000	0.00000	488652.03972	-0.17401	0.5000
3604:	28	21	8	27	20	7	488731.01753	488730.96767	0.04986	0.10000	0.00000	488730.96767	0.04986	0.5000
3605:	28	21	7	27	20	8	488731.01753	488730.96767	0.04986	0.10000	0.00000	488730.96767	0.04986	0.5000
3606:	26	22	4	25	21	5	488772.78732	488772.83932	-0.05200	0.10000	0.00000	488772.83932	-0.05200	0.5000
3607:	26	22	5	25	21	4	488772.78732	488772.83932	-0.05200	0.10000	0.00000	488772.83932	-0.05200	0.5000
3608:	24	23	2	23	22	1	488796.43000	488796.46192	-0.03191	0.10000	0.00000	488796.46192	-0.03191	0.5000
3609:	24	23	1	23	22	2	488796.43000	488796.46192	-0.03191	0.10000	0.00000	488796.46192	-0.03191	0.5000
3610:	68	25	43	67	25	42	489029.70276	489029.51940	0.18336	0.10000	0.00000	489029.51889	0.18387	0.5000
3611:	68	25	44	67	25	43	489029.70276	489029.51838	0.18438	0.10000	0.00000	489029.51889	0.18387	0.5000
3612:	68	24	45	67	24	44	490004.21890	490004.18761	0.03129	0.10000	0.00000	490004.19465	0.02425	0.5000
3613:	68	24	44	67	24	43	490004.21890	490004.20168	0.01722	0.10000	0.00000	490004.19465	0.02425	0.5000
3614:	67	19	49	66	19	48	490485.05864	490485.03196	0.02668	0.10000	0.00000			
3615:	67	14	53	66	14	52	490934.09195	490933.94385	0.14810	0.10000	0.00000			
3616:	67	19	48	66	19	47	491059.04948	491058.97221	0.07727	0.10000	0.00000			
3617:	72	10	62	71	11	61	491098.86173	491098.76107	0.10066	0.10000	0.00000	491098.87349	-0.01177	0.2500
3618:	72	11	62	71	11	61	491098.86173	491098.84213	0.01959	0.10000	0.00000	491098.87349	-0.01177	0.2500
3619:	72	10	62	71	10	61	491098.86173	491098.90485	-0.04313	0.10000	0.00000	491098.87349	-0.01177	0.2500
3620:	72	11	62	71	10	61	491098.86173	491098.98592	-0.12419	0.10000	0.00000	491098.87349	-0.01177	0.2500
3621:	68	23	45	67	23	44	491140.99292	491141.14640	-0.15349	0.10000	0.00000	491141.06051	-0.06759	0.5000
3622:	68	23	46	67	23	45	491140.99292	491140.97461	0.01830	0.10000	0.00000	491141.06051	-0.06759	0.5000
3623:	74	8	66	73	9	65	491262.25503	491262.15154	0.10349	0.10000	0.00000	491262.15165	0.10337	0.2500
3624:	74	9	66	73	9	65	491262.25503	491262.15162	0.10341	0.10000	0.00000	491262.15165	0.10337	0.2500
3625:	74	8	66	73	8	65	491262.25503	491262.15169	0.10334	0.10000	0.00000	491262.15165	0.10337	0.2500
3626:	74	9	66	73	8	65	491262.25503	491262.15177	0.10326	0.10000	0.00000	491262.15165	0.10337	0.2500
3627:	69	33	67	68	33	36	491612.28242	491612.34642	-0.06401	0.10000	0.00000	491612.34642	-0.06401	0.5000
3628:	69	33	68	68	33	35	491612.28242	491612.34642	-0.06401	0.10000	0.00000	491612.34642	-0.06401	0.5000
3629:	70	13	58	69	13	57	491637.09047	491637.12834	-0.03787	0.10000	0.00000			
3630:	70	12	58	69	12	57	491660.01317	491659.98351	0.02966	0.10000	0.00000			

3631:	76	6	70	75	7	69	491728.45649	491728.47185	-0.01536	0.10000	0.00000	491728.47185	-0.01536	0.2500
3632:	76	7	70	75	6	69	491728.45649	491728.47185	-0.01536	0.10000	0.00000	491728.47185	-0.01536	0.2500
3633:	76	7	70	75	7	69	491728.45649	491728.47185	-0.01536	0.10000	0.00000	491728.47185	-0.01536	0.2500
3634:	76	6	70	75	6	69	491728.45649	491728.47185	-0.01536	0.10000	0.00000	491728.47185	-0.01536	0.2500
3635:	77	5	72	76	5	71	492020.40134	492020.37540	0.02594	0.10000	0.00000	492020.37540	0.02594	0.2500
3636:	77	5	72	76	6	71	492020.40134	492020.37540	0.02594	0.10000	0.00000	492020.37540	0.02594	0.2500
3637:	77	6	72	76	5	71	492020.40134	492020.37540	0.02594	0.10000	0.00000	492020.37540	0.02594	0.2500
3638:	77	6	72	76	6	71	492020.40134	492020.37540	0.02594	0.10000	0.00000	492020.37540	0.02594	0.2500
3639:	69	32	38	68	32	37	492028.70142	492028.92404	-0.22262	0.10000	0.00000	492028.92404	-0.22262	0.5000
3640:	69	32	37	68	32	36	492028.70142	492028.92404	-0.22262	0.10000	0.00000	492028.92404	-0.22262	0.5000
3641:	67	16	52	66	16	51	492144.76443	492144.73371	0.03072	0.10000	0.00000	492144.73371	0.03072	0.5000
3642:	78	4	74	77	5	73	492335.33982	492335.32733	0.01249	0.10000	0.00000	492335.32733	0.01249	0.2500
3643:	78	5	74	77	4	73	492335.33982	492335.32733	0.01249	0.10000	0.00000	492335.32733	0.01249	0.2500
3644:	78	5	74	77	5	73	492335.33982	492335.32733	0.01249	0.10000	0.00000	492335.32733	0.01249	0.2500
3645:	78	4	74	77	4	73	492335.33982	492335.32733	0.01249	0.10000	0.00000	492335.32733	0.01249	0.2500
3646:	69	14	56	68	14	55	492404.30892	492404.30822	0.00070	0.10000	0.00000	492404.30822	0.00070	0.5000
3647:	79	3	76	78	3	75	492665.49452	492665.50390	-0.00938	0.10000	0.00000	492665.50390	-0.00938	0.2500
3648:	79	3	76	78	4	75	492665.49452	492665.50390	-0.00938	0.10000	0.00000	492665.50390	-0.00938	0.2500
3649:	79	4	76	78	3	75	492665.49452	492665.50390	-0.00938	0.10000	0.00000	492665.50390	-0.00938	0.2500
3650:	79	4	76	78	4	75	492665.49452	492665.50390	-0.00938	0.10000	0.00000	492665.50390	-0.00938	0.2500
3651:	69	13	56	68	13	55	492697.25025	492697.24097	0.00928	0.10000	0.00000	492697.24097	0.00928	0.5000
3652:	80	2	78	79	3	77	493005.17691	493005.18370	-0.00679	0.10000	0.00000	493005.18370	-0.00679	0.2500
3653:	80	3	78	79	2	77	493005.17691	493005.18370	-0.00679	0.10000	0.00000	493005.18370	-0.00679	0.2500
3654:	80	3	78	79	3	77	493005.17691	493005.18370	-0.00679	0.10000	0.00000	493005.18370	-0.00679	0.2500
3655:	80	2	78	79	2	77	493005.17691	493005.18370	-0.00679	0.10000	0.00000	493005.18370	-0.00679	0.2500
3656:	65	15	50	64	15	49	493064.94867	493064.96418	-0.01551	0.10000	0.00000	493064.96418	-0.01551	0.5000
3657:	68	15	54	67	15	53	493230.89541	493231.06124	-0.16583	0.10000	0.00000	493231.06124	-0.16583	0.5000
3658:	81	1	80	80	2	79	493350.18131	493350.11658	0.06473	0.10000	0.00000	493350.11658	0.06473	0.2500
3659:	81	2	80	80	1	79	493350.18131	493350.11658	0.06473	0.10000	0.00000	493350.11658	0.06473	0.2500
3660:	81	2	80	80	2	79	493350.18131	493350.11658	0.06473	0.10000	0.00000	493350.11658	0.06473	0.2500
3661:	81	1	80	80	1	79	493350.18131	493350.11658	0.06473	0.10000	0.00000	493350.11658	0.06473	0.2500
3662:	69	29	40	68	29	39	493540.23318	493540.27255	-0.03938	0.10000	0.00000	493540.27255	-0.03938	0.5000
3663:	69	29	41	68	29	40	493540.23318	493540.27255	-0.03938	0.10000	0.00000	493540.27255	-0.03938	0.5000
3664:	65	16	49	64	16	48	493596.32341	493596.31114	0.01227	0.10000	0.00000	493596.31114	0.01227	0.5000
3665:	82	0	82	81	1	81	493697.14833	493697.10542	0.04291	0.10000	0.00000	493697.10542	0.04291	0.2500
3666:	82	1	82	81	0	81	493697.14833	493697.10542	0.04291	0.10000	0.00000	493697.10542	0.04291	0.2500
3667:	82	1	82	81	1	81	493697.14833	493697.10542	0.04291	0.10000	0.00000	493697.10542	0.04291	0.2500
3668:	82	0	82	81	0	81	493697.14833	493697.10542	0.04291	0.10000	0.00000	493697.10542	0.04291	0.2500
3669:	68	21	48	67	21	47	494118.83391	494118.77728	0.05662	0.10000	0.00000	494118.77728	0.05662	0.5000
3670:	68	21	47	67	21	46	494136.07477	494136.05566	0.01911	0.10000	0.00000	494136.05566	0.01911	0.5000
3671:	69	28	42	68	28	41	494157.17173	494157.24260	-0.07087	0.10000	0.00000	494157.24260	-0.07087	0.5000
3672:	69	28	41	68	28	40	494157.17173	494157.24260	-0.07087	0.10000	0.00000	494157.24260	-0.07087	0.5000
3673:	37	17	20	36	16	21	494643.40831	494643.47708	-0.06877	0.10000	0.00000	494643.47708	-0.06877	0.5000
3674:	37	17	21	36	16	20	494643.40831	494643.47438	-0.06607	0.10000	0.00000	494643.47438	-0.06607	0.5000
3675:	66	17	49	65	17	48	494697.38930	494697.12667	0.26263	0.10000	0.00000	494697.12667	0.26263	0.5000
3676:	69	27	42	68	27	41	494848.81996	494848.75481	0.06516	0.10000	0.00000	494848.75481	0.06516	0.5000
3677:	69	27	43	68	27	42	494848.81996	494848.75480	0.06516	0.10000	0.00000	494848.75480	0.06516	0.5000
3678:	35	18	18	34	17	17	495199.66351	495199.59104	0.07247	0.10000	0.00000	495199.59105	0.07246	0.5000
3679:	35	18	17	34	17	18	495199.66351	495199.59106	0.07245	0.10000	0.00000	495199.59105	0.07246	0.5000

3680:	33	19	15	32	18	14	495513.50842	495513.48193	0.02649	0.10000	0.00000	495513.48193	0.02649	0.5000
3681:	33	19	14	32	18	15	495513.50842	495513.48193	0.02649	0.10000	0.00000	495513.48193	0.02649	0.5000
3682:	69	26	44	68	26	43	495630.12887	495630.08380	0.04507	0.10000	0.00000	495630.08387	0.04500	0.5000
3683:	69	26	43	68	26	42	495630.12887	495630.08394	0.04493	0.10000	0.00000	495630.08387	0.04500	0.5000
3684:	31	20	12	30	19	11	495687.82505	495687.79756	0.02749	0.10000	0.00000	495687.79756	0.02749	0.5000
3685:	31	20	11	30	19	12	495687.82505	495687.79756	0.02749	0.10000	0.00000	495687.79756	0.02749	0.5000
3686:	29	21	9	28	20	8	495782.46390	495782.36600	0.09790	0.10000	0.00000	495782.36600	0.09790	0.5000
3687:	29	21	8	28	20	9	495782.46390	495782.36600	0.09790	0.10000	0.00000	495782.36600	0.09790	0.5000
3688:	27	22	5	26	21	6	495832.69652	495832.83577	-0.13925	0.10000	0.00000	495832.83577	-0.13925	0.5000
3689:	27	22	6	26	21	5	495832.69652	495832.83577	-0.13925	0.10000	0.00000	495832.83577	-0.13925	0.5000
3690:	25	23	3	24	22	2	495860.39274	495860.56271	-0.16997	0.10000	0.00000	495860.56271	-0.16997	0.5000
3691:	25	23	2	24	22	3	495860.39274	495860.56271	-0.16997	0.10000	0.00000	495860.56271	-0.16997	0.5000
3692:	67	18	49	66	18	48	495888.92735	495888.90810	0.01925	0.10000	0.00000	495888.90810	0.01925	0.5000
3693:	68	20	49	67	20	48	496115.98290	496115.87298	0.10992	0.10000	0.00000	496115.87298	0.10992	0.5000
3694:	69	25	45	68	25	44	496521.32495	496521.23982	0.08513	0.10000	0.00000	496521.24086	0.08409	0.5000
3695:	69	25	44	68	25	43	496521.32495	496521.24191	0.08305	0.10000	0.00000	496521.24086	0.08409	0.5000
3696:	73	11	63	72	11	62	497021.86267	497021.85280	0.00988	0.10000	0.00000	497021.87056	-0.00789	0.2500
3697:	73	10	63	72	10	62	497021.86267	497021.88833	-0.02565	0.10000	0.00000	497021.87056	-0.00789	0.2500
3698:	73	11	63	72	10	62	497021.86267	497021.93386	-0.07119	0.10000	0.00000	497021.87056	-0.00789	0.2500
3699:	73	10	63	72	11	62	497021.86267	497021.80726	0.05541	0.10000	0.00000	497021.87056	-0.00789	0.2500
3700:	74	9	65	73	10	64	497065.52231	497065.32896	0.19336	0.10000	0.00000	497065.33115	0.19117	0.2500
3701:	74	10	65	73	10	64	497065.52231	497065.33051	0.19181	0.10000	0.00000	497065.33115	0.19117	0.2500
3702:	74	9	65	73	9	64	497065.52231	497065.33179	0.19053	0.10000	0.00000	497065.33115	0.19117	0.2500
3703:	74	10	65	73	9	64	497065.52231	497065.33334	0.18898	0.10000	0.00000	497065.33115	0.19117	0.2500
3704:	71	13	59	70	13	58	497487.82522	497487.86423	-0.03901	0.10000	0.00000	497065.33115	0.19117	0.2500
3705:	71	12	59	70	12	58	497501.65274	497501.75148	-0.09874	0.10000	0.00000	497065.33115	0.19117	0.2500
3706:	69	24	45	68	24	44	497549.12301	497549.21164	-0.08862	0.10000	0.00000	497549.19785	-0.07483	0.5000
3707:	69	24	46	68	24	45	497549.12301	497549.18406	-0.06104	0.10000	0.00000	497549.19785	-0.07483	0.5000
3708:	77	6	71	76	7	70	497686.45595	497686.68833	-0.23238	0.10000	0.00000	497686.68833	-0.23238	0.2500
3709:	77	7	71	76	6	70	497686.45595	497686.68833	-0.23238	0.10000	0.00000	497686.68833	-0.23238	0.2500
3710:	77	7	71	76	7	70	497686.45595	497686.68833	-0.23238	0.10000	0.00000	497686.68833	-0.23238	0.2500
3711:	77	6	71	76	6	70	497686.45595	497686.68833	-0.23238	0.10000	0.00000	497686.68833	-0.23238	0.2500
3712:	70	36	34	69	36	33	497775.21326	497775.49104	-0.27778	0.10000	0.00000	497775.49104	-0.27778	0.5000
3713:	70	36	35	69	36	34	497775.21326	497775.49104	-0.27778	0.10000	0.00000	497775.49104	-0.27778	0.5000
3714:	78	5	73	77	6	72	497980.84472	497980.84919	-0.00447	0.10000	0.00000	497980.84919	-0.00447	0.2500
3715:	78	6	73	77	5	72	497980.84472	497980.84919	-0.00447	0.10000	0.00000	497980.84919	-0.00447	0.2500
3716:	78	6	73	77	6	72	497980.84472	497980.84919	-0.00447	0.10000	0.00000	497980.84919	-0.00447	0.2500
3717:	78	5	73	77	5	72	497980.84472	497980.84919	-0.00447	0.10000	0.00000	497980.84919	-0.00447	0.2500
3718:	70	14	57	69	14	56	498200.97391	498200.99312	-0.01921	0.10000	0.00000	497980.84919	-0.00447	0.2500
3719:	79	4	75	78	4	74	498297.00768	498297.16119	-0.15351	0.10000	0.00000	498297.16119	-0.15351	0.2500
3720:	79	4	75	78	5	74	498297.00768	498297.16119	-0.15351	0.10000	0.00000	498297.16119	-0.15351	0.2500
3721:	79	5	75	78	4	74	498297.00768	498297.16119	-0.15351	0.10000	0.00000	498297.16119	-0.15351	0.2500
3722:	79	5	75	78	5	74	498297.00768	498297.16119	-0.15351	0.10000	0.00000	498297.16119	-0.15351	0.2500
3723:	70	13	57	69	13	56	498388.01979	498388.00872	0.01108	0.10000	0.00000	498297.16119	-0.15351	0.2500
3724:	66	15	51	65	15	50	498577.36095	498577.22830	0.13265	0.10000	0.00000	498297.16119	-0.15351	0.2500
3725:	80	3	77	79	4	76	498628.11013	498628.13448	-0.02435	0.10000	0.00000	498628.13448	-0.02435	0.2500
3726:	80	4	77	79	3	76	498628.11013	498628.13448	-0.02435	0.10000	0.00000	498628.13448	-0.02435	0.2500
3727:	80	4	77	79	4	76	498628.11013	498628.13448	-0.02435	0.10000	0.00000	498628.13448	-0.02435	0.2500
3728:	80	3	77	79	3	76	498628.11013	498628.13448	-0.02435	0.10000	0.00000	498628.13448	-0.02435	0.2500

3729:	69	23	47	68	23	46	498751.83786	498751.50552	0.33235	0.10000	0.00000	498751.66728	0.17059	0.5000
3730:	69	23	46	68	23	45	498751.83786	498751.82904	0.00883	0.10000	0.00000	498751.66728	0.17059	0.5000
3731:	81	2	79	80	3	78	498968.24064	498968.26479	-0.02415	0.10000	0.00000	498968.26479	-0.02415	0.2500
3732:	81	3	79	80	2	78	498968.24064	498968.26479	-0.02415	0.10000	0.00000	498968.26479	-0.02415	0.2500
3733:	81	3	79	80	3	78	498968.24064	498968.26479	-0.02415	0.10000	0.00000	498968.26479	-0.02415	0.2500
3734:	81	2	79	80	2	78	498968.24064	498968.26479	-0.02415	0.10000	0.00000	498968.26479	-0.02415	0.2500
3735:	82	1	81	81	1	80	499313.42702	499313.44516	-0.01814	0.10000	0.00000	499313.44516	-0.01814	0.2500
3736:	82	1	81	81	2	80	499313.42702	499313.44516	-0.01814	0.10000	0.00000	499313.44516	-0.01814	0.2500
3737:	82	2	81	81	1	80	499313.42702	499313.44516	-0.01814	0.10000	0.00000	499313.44516	-0.01814	0.2500
3738:	82	2	81	81	2	80	499313.42702	499313.44516	-0.01814	0.10000	0.00000	499313.44516	-0.01814	0.2500
3739:	70	32	39	69	32	38	499318.21970	499318.48733	-0.26763	0.10000	0.00000	499318.48733	-0.26763	0.5000
3740:	70	32	38	69	32	37	499318.21970	499318.48733	-0.26763	0.10000	0.00000	499318.48733	-0.26763	0.5000
3741:	68	19	49	67	19	48	499374.42092	499374.36555	0.05537	0.10000	0.00000	499660.57366	-0.00285	0.2500
3742:	83	0	83	82	0	82	499660.57081	499660.57366	-0.00285	0.10000	0.00000	499660.57366	-0.00285	0.2500
3743:	83	0	83	82	1	82	499660.57081	499660.57366	-0.00285	0.10000	0.00000	499660.57366	-0.00285	0.2500
3744:	83	1	83	82	0	82	499660.57081	499660.57366	-0.00285	0.10000	0.00000	499660.57366	-0.00285	0.2500
3745:	83	1	83	82	1	82	499660.57081	499660.57366	-0.00285	0.10000	0.00000	499660.57366	-0.00285	0.2500
3746:	69	22	48	68	22	47	500182.40483	500182.37278	0.03205	0.10000	0.00000	500899.05706	0.13659	0.5000
3747:	69	22	47	68	22	46	500185.71139	500185.71002	0.00137	0.10000	0.00000	500899.05706	0.13659	0.5000
3748:	70	30	40	69	30	39	500318.86045	500318.85571	0.00474	0.10000	0.00000	500318.85571	0.00474	0.5000
3749:	70	30	41	69	30	40	500318.86045	500318.85571	0.00474	0.10000	0.00000	500318.85571	0.00474	0.5000
3750:	68	18	51	67	18	50	500675.68551	500675.64564	0.03986	0.10000	0.00000	500899.05706	0.13659	0.5000
3751:	70	29	42	69	29	41	500899.19364	500899.05706	0.13659	0.10000	0.00000	500899.05706	0.13659	0.5000
3752:	70	29	41	69	29	40	500899.19364	500899.05706	0.13659	0.10000	0.00000	500899.05706	0.13659	0.5000
3753:	69	14	55	68	14	54	500910.75891	500910.67919	0.07971	0.10000	0.00000	500899.05706	0.13659	0.5000
3754:	68	17	52	67	17	51	501247.09232	501247.11234	-0.02002	0.10000	0.00000	501512.40950	-0.06475	0.5000
3755:	38	17	22	37	16	21	501512.34474	501512.40614	-0.06140	0.10000	0.00000	501512.40950	-0.06475	0.5000
3756:	38	17	21	37	16	22	501512.34474	501512.41285	-0.06811	0.10000	0.00000	501512.40950	-0.06475	0.5000
3757:	70	28	43	69	28	42	501545.44220	501545.44246	-0.00026	0.10000	0.00000	501545.44246	-0.00026	0.5000
3758:	70	28	42	69	28	41	501545.44220	501545.44246	-0.00026	0.10000	0.00000	501545.44246	-0.00026	0.5000
3759:	69	21	48	68	21	47	501948.40135	501948.52701	-0.12566	0.10000	0.00000	501545.44246	-0.00026	0.5000
3760:	36	18	18	35	17	19	502149.19101	502149.21962	-0.02861	0.10000	0.00000	502149.21960	-0.02859	0.5000
3761:	36	18	19	35	17	18	502149.19101	502149.21958	-0.02857	0.10000	0.00000	502149.21960	-0.02859	0.5000
3762:	70	27	44	69	27	43	502270.74219	502270.78415	-0.04196	0.10000	0.00000	502270.70681	0.03537	0.3333
3763:	40	8	33	40	4	36	502270.74219	502270.55212	0.19006	0.10000	0.00000	502270.70681	0.03537	0.3333
3764:	70	27	43	69	27	42	502270.74219	502270.78417	-0.04198	0.10000	0.00000	502270.70681	0.03537	0.3333
3765:	66	16	50	65	16	49	502316.06988	502316.06733	0.00255	0.10000	0.00000	502270.70681	0.03537	0.3333
3766:	34	19	16	33	18	15	502512.34405	502512.43755	-0.09350	0.10000	0.00000	502512.43755	-0.09350	0.5000
3767:	34	19	15	33	18	16	502512.34405	502512.43755	-0.09350	0.10000	0.00000	502512.43755	-0.09350	0.5000
3768:	32	20	12	31	19	13	502716.99228	502716.90930	0.08297	0.10000	0.00000	502716.90930	0.08297	0.5000
3769:	32	20	13	31	19	12	502716.99228	502716.90930	0.08297	0.10000	0.00000	502716.90930	0.08297	0.5000
3770:	30	21	10	29	20	9	502829.46961	502829.51395	-0.04434	0.10000	0.00000	502829.51395	-0.04434	0.5000
3771:	30	21	9	29	20	10	502829.46961	502829.51395	-0.04434	0.10000	0.00000	502829.51395	-0.04434	0.5000
3772:	28	22	7	27	21	6	502890.22566	502890.23461	-0.00895	0.10000	0.00000	502890.23461	-0.00895	0.5000
3773:	28	22	6	27	21	7	502890.22566	502890.23461	-0.00895	0.10000	0.00000	502890.23461	-0.00895	0.5000
3774:	26	23	4	25	22	4	502923.19737	502923.20179	-0.00442	0.10000	0.00000	502923.20179	-0.00442	0.5000
3775:	26	23	3	25	22	3	502923.19737	502923.20179	-0.00442	0.10000	0.00000	502923.20179	-0.00442	0.5000
3776:	24	24	1	23	23	0	502942.89021	502942.89611	-0.00590	0.10000	0.00000	502942.89611	-0.00590	0.5000
3777:	24	24	0	23	23	1	502942.89021	502942.89611	-0.00590	0.10000	0.00000	502942.89611	-0.00590	0.5000

3778:	74	10	64	73	11	63	502946.48991	502946.45753	0.03238	0.10000	0.00000	502946.49304	-0.00313	0.2500
3779:	74	11	64	73	11	63	502946.48991	502946.48301	0.00689	0.10000	0.00000	502946.49304	-0.00313	0.2500
3780:	74	10	64	73	10	63	502946.48991	502946.50306	-0.01315	0.10000	0.00000	502946.49304	-0.00313	0.2500
3781:	74	11	64	73	10	63	502946.48991	502946.52855	-0.03864	0.10000	0.00000	502946.49304	-0.00313	0.2500
3782:	75	10	66	74	10	65	503004.63468	503004.75416	-0.11949	0.10000	0.00000	503004.75451	-0.11984	0.2500
3783:	75	9	66	74	9	65	503004.63468	503004.75487	-0.12019	0.10000	0.00000	503004.75451	-0.11984	0.2500
3784:	75	10	66	74	9	65	503004.63468	503004.75571	-0.12103	0.10000	0.00000	503004.75451	-0.11984	0.2500
3785:	75	9	66	74	10	65	503004.63468	503004.75332	-0.11864	0.10000	0.00000	503004.75451	-0.11984	0.2500
3786:	70	26	45	69	26	44	503091.59823	503091.51583	0.08240	0.10000	0.00000	503091.51598	0.08225	0.5000
3787:	70	26	44	69	26	43	503091.59823	503091.51613	0.08211	0.10000	0.00000	503091.51598	0.08225	0.5000
3788:	76	9	68	75	9	67	503159.22383	503159.21403	0.00980	0.10000	0.00000	503159.21404	0.00979	0.2500
3789:	76	8	68	75	8	67	503159.22383	503159.21405	0.00978	0.10000	0.00000	503159.21404	0.00979	0.2500
3790:	76	9	68	75	8	67	503159.22383	503159.21407	0.00976	0.10000	0.00000	503159.21404	0.00979	0.2500
3791:	76	8	68	75	9	67	503159.22383	503159.21401	0.00982	0.10000	0.00000	503159.21404	0.00979	0.2500
3792:	72	13	60	71	13	59	503345.63132	503345.68715	-0.05583	0.10000	0.00000			
3793:	72	12	60	71	12	59	503354.06531	503354.06934	-0.00403	0.10000	0.00000			
3794:	77	7	70	76	8	69	503379.04698	503379.15935	-0.11237	0.10000	0.00000	503379.15935	-0.11237	0.2500
3795:	77	8	70	76	7	69	503379.04698	503379.15935	-0.11237	0.10000	0.00000	503379.15935	-0.11237	0.2500
3796:	77	8	70	76	8	69	503379.04698	503379.15935	-0.11237	0.10000	0.00000	503379.15935	-0.11237	0.2500
3797:	77	7	70	76	7	69	503379.04698	503379.15935	-0.11237	0.10000	0.00000	503379.15935	-0.11237	0.2500
3798:	67	15	52	66	15	51	503495.97212	503495.98606	-0.01395	0.10000	0.00000			
3799:	78	6	72	77	6	71	503644.25708	503644.27611	-0.01902	0.10000	0.00000	503644.27611	-0.01902	0.2500
3800:	78	6	72	77	7	71	503644.25708	503644.27611	-0.01902	0.10000	0.00000	503644.27611	-0.01902	0.2500
3801:	78	7	72	77	6	71	503644.25708	503644.27611	-0.01902	0.10000	0.00000	503644.27611	-0.01902	0.2500
3802:	78	7	72	77	7	71	503644.25708	503644.27611	-0.01902	0.10000	0.00000	503644.27611	-0.01902	0.2500
3803:	79	5	74	78	6	73	503940.59541	503940.59275	0.00266	0.10000	0.00000	503940.59275	0.00266	0.2500
3804:	79	6	74	78	5	73	503940.59541	503940.59275	0.00266	0.10000	0.00000	503940.59275	0.00266	0.2500
3805:	79	6	74	78	6	73	503940.59541	503940.59275	0.00266	0.10000	0.00000	503940.59275	0.00266	0.2500
3806:	79	5	74	78	5	73	503940.59541	503940.59275	0.00266	0.10000	0.00000	503940.59275	0.00266	0.2500
3807:	70	25	45	69	25	44	504029.54407	504029.29798	0.24619	0.10000	0.00000	504029.29578	0.24829	0.5000
3808:	70	25	46	69	25	45	504029.54407	504029.29368	0.25039	0.10000	0.00000	504029.29578	0.24829	0.5000
3809:	69	20	50	68	20	49	504040.92546	504040.88673	0.03873	0.10000	0.00000			
3810:	80	4	76	79	4	75	504258.13743	504258.21098	-0.07355	0.10000	0.00000	504258.21098	-0.07355	0.2500
3811:	80	4	76	79	5	75	504258.13743	504258.21098	-0.07355	0.10000	0.00000	504258.21098	-0.07355	0.2500
3812:	80	5	76	79	4	75	504258.13743	504258.21098	-0.07355	0.10000	0.00000	504258.21098	-0.07355	0.2500
3813:	80	5	76	79	5	75	504258.13743	504258.21098	-0.07355	0.10000	0.00000	504258.21098	-0.07355	0.2500
3814:	69	20	49	68	20	48	504267.08520	504267.01191	0.07329	0.10000	0.00000			
3815:	67	17	50	66	17	49	504573.98223	504573.98823	-0.00601	0.10000	0.00000			
3816:	81	3	78	80	3	77	504590.01591	504589.95435	0.06156	0.10000	0.00000	504589.95435	0.06156	0.2500
3817:	81	3	78	80	4	77	504590.01591	504589.95435	0.06156	0.10000	0.00000	504589.95435	0.06156	0.2500
3818:	81	4	78	80	3	77	504590.01591	504589.95435	0.06156	0.10000	0.00000	504589.95435	0.06156	0.2500
3819:	81	4	78	80	4	77	504590.01591	504589.95435	0.06156	0.10000	0.00000	504589.95435	0.06156	0.2500
3820:	82	2	80	81	3	79	504930.49662	504930.52366	-0.02704	0.10000	0.00000	504930.52366	-0.02704	0.2500
3821:	82	3	80	81	2	79	504930.49662	504930.52366	-0.02704	0.10000	0.00000	504930.52366	-0.02704	0.2500
3822:	82	3	80	81	3	79	504930.49662	504930.52366	-0.02704	0.10000	0.00000	504930.52366	-0.02704	0.2500
3823:	82	2	80	81	2	79	504930.49662	504930.52366	-0.02704	0.10000	0.00000	504930.52366	-0.02704	0.2500
3824:	70	15	56	69	15	55	504958.08463	504958.03118	0.05345	0.10000	0.00000			
3825:	71	36	36	70	36	35	505006.19083	505006.30718	-0.11634	0.10000	0.00000	505006.30718	-0.11634	0.5000
3826:	71	36	35	70	36	34	505006.19083	505006.30718	-0.11634	0.10000	0.00000	505006.30718	-0.11634	0.5000

3827:	69	16	54	68	16	53	505015.30047	505015.06113	0.23933	0.10000	0.00000	505113.54098	0.02491	0.5000
3828:	70	24	47	69	24	46	505113.56588	505113.51430	0.05158	0.10000	0.00000	505113.54098	0.02491	0.5000
3829:	70	24	46	69	24	45	505113.56588	505113.56765	-0.00177	0.10000	0.00000	505113.54098	0.01155	0.2500
3830:	83	1	82	82	2	81	505275.95951	505275.94796	0.01155	0.10000	0.00000	505275.94796	0.01155	0.2500
3831:	83	2	82	82	1	81	505275.95951	505275.94796	0.01155	0.10000	0.00000	505275.94796	0.01155	0.2500
3832:	83	2	82	82	2	81	505275.95951	505275.94796	0.01155	0.10000	0.00000	505275.94796	0.01155	0.2500
3833:	83	1	82	82	1	81	505275.95951	505275.94796	0.01155	0.10000	0.00000	505275.94796	0.01155	0.2500
3834:	84	0	84	83	0	83	505623.13675	505623.21615	-0.07940	0.10000	0.00000	505623.21615	-0.07940	0.2500
3835:	84	0	84	83	1	83	505623.13675	505623.21615	-0.07940	0.10000	0.00000	505623.21615	-0.07940	0.2500
3836:	84	1	84	83	0	83	505623.13675	505623.21615	-0.07940	0.10000	0.00000	505623.21615	-0.07940	0.2500
3837:	84	1	84	83	1	83	505623.13675	505623.21615	-0.07940	0.10000	0.00000	505623.21615	-0.07940	0.2500
3838:	71	33	39	70	33	38	506161.27170	506161.40148	-0.12978	0.10000	0.00000	506161.40148	-0.12978	0.5000
3839:	71	33	38	70	33	37	506161.27170	506161.40148	-0.12978	0.10000	0.00000	506161.40148	-0.12978	0.5000
3840:	70	14	56	69	14	55	506171.88155	506171.82773	0.05383	0.10000	0.00000	506161.40148	-0.12978	0.5000
3841:	69	19	51	68	19	50	506469.89259	506469.83774	0.05485	0.10000	0.00000	507112.85017	0.17953	0.5000
3842:	71	31	40	70	31	39	507113.02970	507112.85017	0.17953	0.10000	0.00000	507112.85017	0.17953	0.5000
3843:	71	31	41	70	31	40	507113.02970	507112.85017	0.17953	0.10000	0.00000	507660.76280	-0.09119	0.5000
3844:	71	30	42	70	30	41	507660.67160	507660.76280	-0.09119	0.10000	0.00000	507660.76280	-0.09119	0.5000
3845:	71	30	41	70	30	40	507660.67160	507660.76280	-0.09119	0.10000	0.00000	507660.76280	-0.09119	0.5000
3846:	69	19	50	68	19	49	507861.41937	507861.34168	0.07769	0.10000	0.00000	508267.82845	-0.00328	0.5000
3847:	68	15	53	67	15	52	508028.58773	508028.55515	0.03258	0.10000	0.00000	508267.82845	-0.00328	0.5000
3848:	71	29	42	70	29	41	508267.82517	508267.82845	-0.00328	0.10000	0.00000	508355.59067	0.03777	0.5000
3849:	71	29	43	70	29	42	508267.82517	508267.82845	-0.00328	0.10000	0.00000	508355.59067	0.03777	0.5000
3850:	39	17	22	38	16	23	508355.62844	508355.59875	0.02968	0.10000	0.00000	508355.59067	0.03777	0.5000
3851:	39	17	23	38	16	22	508355.62844	508355.58259	0.04585	0.10000	0.00000	508355.59067	0.03777	0.5000
3852:	75	11	65	74	11	64	508872.52181	508872.51138	0.01044	0.10000	0.00000	508872.51701	0.00480	0.2500
3853:	75	10	65	74	10	64	508872.52181	508872.52265	-0.00083	0.10000	0.00000	508872.51701	0.00480	0.2500
3854:	75	11	65	74	10	64	508872.52181	508872.53686	-0.01505	0.10000	0.00000	508872.51701	0.00480	0.2500
3855:	75	10	65	74	11	64	508872.52181	508872.49716	0.02465	0.10000	0.00000	508872.51701	0.00480	0.2500
3856:	37	18	19	36	17	20	509081.98662	509082.01105	-0.02443	0.10000	0.00000	509082.01100	-0.02437	0.5000
3857:	37	18	20	36	17	19	509081.98662	509082.01094	-0.02432	0.10000	0.00000	509082.01100	-0.02437	0.5000
3858:	77	8	69	76	9	68	509107.48084	509107.51716	-0.03632	0.10000	0.00000	509107.51718	-0.03634	0.2500
3859:	77	9	69	76	9	68	509107.48084	509107.51717	-0.03633	0.10000	0.00000	509107.51718	-0.03634	0.2500
3860:	77	8	69	76	8	68	509107.48084	509107.51718	-0.03634	0.10000	0.00000	509107.51718	-0.03634	0.2500
3861:	77	9	69	76	8	68	509107.48084	509107.51719	-0.03635	0.10000	0.00000	509107.51718	-0.03634	0.2500
3862:	78	7	71	77	8	70	509332.79422	509332.77305	0.02117	0.10000	0.00000	509332.77305	0.02117	0.2500
3863:	78	8	71	77	7	70	509332.79422	509332.77305	0.02117	0.10000	0.00000	509332.77305	0.02117	0.2500
3864:	78	8	71	77	8	70	509332.79422	509332.77305	0.02117	0.10000	0.00000	509332.77305	0.02117	0.2500
3865:	78	7	71	77	7	70	509332.79422	509332.77305	0.02117	0.10000	0.00000	509332.77305	0.02117	0.2500
3866:	35	19	16	34	18	17	509500.24316	509500.22044	0.02272	0.10000	0.00000	509500.22044	0.02272	0.5000
3867:	35	19	17	34	18	16	509500.24316	509500.22044	0.02272	0.10000	0.00000	509500.22044	0.02272	0.5000
3868:	79	6	73	78	7	72	509601.31018	509601.21235	0.09782	0.10000	0.00000	509601.21235	0.09782	0.2500
3869:	79	7	73	78	6	72	509601.31018	509601.21235	0.09782	0.10000	0.00000	509601.21235	0.09782	0.2500
3870:	79	7	73	78	7	72	509601.31018	509601.21235	0.09782	0.10000	0.00000	509601.21235	0.09782	0.2500
3871:	79	6	73	78	6	72	509601.31018	509601.21235	0.09782	0.10000	0.00000	509601.21235	0.09782	0.2500
3872:	71	27	44	70	27	43	509705.60630	509705.51724	0.08906	0.10000	0.00000	509705.51722	0.08908	0.5000
3873:	71	27	45	70	27	44	509705.60630	509705.51720	0.08910	0.10000	0.00000	509705.51722	0.08908	0.5000
3874:	33	20	14	32	19	13	509738.63798	509738.62589	0.01208	0.10000	0.00000	509738.62589	0.01208	0.5000
3875:	33	20	13	32	19	14	509738.63798	509738.62589	0.01208	0.10000	0.00000	509738.62589	0.01208	0.5000

3876:	70	21	50	69	21	49	509754.52402	509754.54127	-0.01725	0.10000	0.00000	0.00000	509899.59003	-0.34227	0.2500
3877:	72	13	59	71	13	58	509882.23821	509882.21624	0.02198	0.10000	0.00000	0.00000	509899.59003	-0.34227	0.2500
3878:	80	5	75	79	5	74	509899.24776	509899.59003	-0.34227	0.10000	0.00000	0.00000	509899.59003	-0.34227	0.2500
3879:	80	5	75	79	6	74	509899.24776	509899.59003	-0.34227	0.10000	0.00000	0.00000	509899.59003	-0.34227	0.2500
3880:	80	6	75	79	5	74	509899.24776	509899.59003	-0.34227	0.10000	0.00000	0.00000	509899.59003	-0.34227	0.2500
3881:	80	6	75	79	6	74	509899.24776	509899.59003	-0.34227	0.10000	0.00000	0.00000	509899.59003	-0.34227	0.2500
3882:	29	22	8	28	21	7	509944.63990	509944.61793	0.02197	0.10000	0.00000	0.00000	509944.61793	0.02197	0.5000
3883:	29	22	7	28	21	8	509944.63990	509944.61793	0.02197	0.10000	0.00000	0.00000	509944.61793	0.02197	0.5000
3884:	27	23	4	26	22	5	509983.73108	509984.06707	-0.33599	0.10000	0.00000	0.00000	509984.06707	-0.33599	0.5000
3885:	27	23	5	26	22	4	509983.73108	509984.06707	-0.33599	0.10000	0.00000	0.00000	509984.06707	-0.33599	0.5000
3886:	25	24	2	24	23	1	510006.65201	510006.66467	-0.01266	0.10000	0.00000	0.00000	510006.66467	-0.01266	0.5000
3887:	25	24	1	24	23	2	510006.65201	510006.66467	-0.01266	0.10000	0.00000	0.00000	510006.66467	-0.01266	0.5000
3888:	81	4	77	80	4	76	510218.42753	510218.46404	-0.03651	0.10000	0.00000	0.00000	510218.46404	-0.03651	0.2500
3889:	81	4	77	80	5	76	510218.42753	510218.46404	-0.03651	0.10000	0.00000	0.00000	510218.46404	-0.03651	0.2500
3890:	81	5	77	80	4	76	510218.42753	510218.46404	-0.03651	0.10000	0.00000	0.00000	510218.46404	-0.03651	0.2500
3891:	81	5	77	80	5	76	510218.42753	510218.46404	-0.03651	0.10000	0.00000	0.00000	510218.46404	-0.03651	0.2500
3892:	67	16	51	66	16	50	510303.44415	510303.31696	0.12719	0.10000	0.00000	0.00000	510303.31696	0.12719	0.5000
3893:	82	3	79	81	4	78	510550.82771	510550.95247	-0.12476	0.10000	0.00000	0.00000	510550.95247	-0.12476	0.2500
3894:	82	4	79	81	3	78	510550.82771	510550.95247	-0.12476	0.10000	0.00000	0.00000	510550.95247	-0.12476	0.2500
3895:	82	4	79	81	4	78	510550.82771	510550.95247	-0.12476	0.10000	0.00000	0.00000	510550.95247	-0.12476	0.2500
3896:	82	3	79	81	3	78	510550.82771	510550.95247	-0.12476	0.10000	0.00000	0.00000	510550.95247	-0.12476	0.2500
3897:	71	26	46	70	26	45	510550.82771	510550.95247	-0.12476	0.10000	0.00000	0.00000	510550.95247	-0.12476	0.2500
3898:	71	26	45	70	26	44	510567.57105	510567.52608	0.04436	0.10000	0.00000	0.00000	510567.52608	0.04436	0.5000
3899:	71	15	57	70	15	56	510762.11267	510762.14342	-0.03075	0.10000	0.00000	0.00000	510762.14342	-0.03075	0.5000
3900:	83	2	81	82	3	80	510892.01508	510891.94999	0.06509	0.10000	0.00000	0.00000	510891.94999	0.06509	0.2500
3901:	83	3	81	82	2	80	510892.01508	510891.94999	0.06509	0.10000	0.00000	0.00000	510891.94999	0.06509	0.2500
3902:	83	3	81	82	3	80	510892.01508	510891.94999	0.06509	0.10000	0.00000	0.00000	510891.94999	0.06509	0.2500
3903:	83	2	81	82	2	80	510892.01508	510891.94999	0.06509	0.10000	0.00000	0.00000	510891.94999	0.06509	0.2500
3904:	70	16	55	69	16	54	511207.96287	511207.87040	0.09247	0.10000	0.00000	0.00000	511207.87040	0.09247	0.5000
3905:	84	1	83	83	2	82	511237.63149	511237.61493	0.01656	0.10000	0.00000	0.00000	511237.61493	0.01656	0.2500
3906:	84	2	83	83	1	82	511237.63149	511237.61493	0.01656	0.10000	0.00000	0.00000	511237.61493	0.01656	0.2500
3907:	84	2	83	83	2	82	511237.63149	511237.61493	0.01656	0.10000	0.00000	0.00000	511237.61493	0.01656	0.2500
3908:	84	1	83	83	1	82	511237.63149	511237.61493	0.01656	0.10000	0.00000	0.00000	511237.61493	0.01656	0.2500
3909:	71	25	47	70	25	46	511554.34713	511554.34752	-0.00039	0.10000	0.00000	0.00000	511554.34752	-0.00039	0.5000
3910:	71	25	46	70	25	45	511554.34713	511554.35585	-0.00872	0.10000	0.00000	0.00000	511554.35585	-0.00872	0.5000
3911:	71	14	57	70	14	56	511572.16183	511571.98736	0.17447	0.10000	0.00000	0.00000	511571.98736	0.17447	0.5000
3912:	85	0	85	84	1	84	511585.01801	511585.02292	-0.00491	0.10000	0.00000	0.00000	511585.02292	-0.00491	0.2500
3913:	85	1	85	84	0	84	511585.01801	511585.02292	-0.00491	0.10000	0.00000	0.00000	511585.02292	-0.00491	0.2500
3914:	85	1	85	84	1	84	511585.01801	511585.02292	-0.00491	0.10000	0.00000	0.00000	511585.02292	-0.00491	0.2500
3915:	85	0	85	84	0	84	511585.01801	511585.02292	-0.00491	0.10000	0.00000	0.00000	511585.02292	-0.00491	0.2500
3916:	70	20	51	69	20	50	512000.77672	512000.75113	0.02559	0.10000	0.00000	0.00000	512000.75113	0.02559	0.5000
3917:	72	36	37	71	36	36	512242.16814	512242.44098	-0.27285	0.10000	0.00000	0.00000	512242.44098	-0.27285	0.5000
3918:	72	36	36	71	36	35	512242.16814	512242.44098	-0.27285	0.10000	0.00000	0.00000	512242.44098	-0.27285	0.5000
3919:	70	20	50	69	20	49	512366.48131	512366.39644	0.08486	0.10000	0.00000	0.00000	512366.39644	0.08486	0.5000
3920:	69	15	54	68	15	53	512402.86310	512402.85258	0.01053	0.10000	0.00000	0.00000	512402.85258	0.01053	0.5000
3921:	68	17	51	67	17	50	514355.80049	514355.84169	-0.04120	0.10000	0.00000	0.00000	514355.84169	-0.04120	0.5000
3922:	72	31	41	71	31	40	514439.09764	514439.28589	-0.18826	0.10000	0.00000	0.00000	514439.28589	-0.18826	0.5000
3923:	72	31	42	71	31	41	514439.09764	514439.28589	-0.18826	0.10000	0.00000	0.00000	514439.28589	-0.18826	0.5000
3924:	70	19	52	69	19	51	514461.68849	514461.69562	-0.00713	0.10000	0.00000	0.00000	514461.69562	-0.00713	0.5000

3925:	69	18	51	68	18	50	514683.64180	514683.56357	0.07823	0.10000	0.00000	514799.74220	-0.00145	0.2500
3926:	76	10	66	75	11	65	514799.74075	514799.73115	0.00961	0.10000	0.00000	514799.74220	-0.00145	0.2500
3927:	76	11	66	75	11	65	514799.74075	514799.73905	0.00171	0.10000	0.00000	514799.74220	-0.00145	0.2500
3928:	76	10	66	75	10	65	514799.74075	514799.74536	-0.00461	0.10000	0.00000	514799.74220	-0.00145	0.2500
3929:	76	11	66	75	10	65	514799.74075	514799.75326	-0.01251	0.10000	0.00000	514799.74220	-0.00145	0.2500
3930:	75	12	64	74	12	63	514842.43601	514842.40537	0.03064	0.10000	0.00000	514842.48213	-0.04612	0.2500
3931:	75	11	64	74	11	63	514842.43601	514842.55889	-0.12288	0.10000	0.00000	514842.48213	-0.04612	0.2500
3932:	75	12	64	74	11	63	514842.43601	514842.76326	-0.32725	0.10000	0.00000	514842.48213	-0.04612	0.2500
3933:	75	11	64	74	12	63	514842.43601	514842.20100	0.23501	0.10000	0.00000	514842.48213	-0.04612	0.2500
3934:	77	9	68	76	10	67	514884.51944	514884.63738	-0.11794	0.10000	0.00000	514884.63773	-0.11830	0.2500
3935:	77	10	68	76	10	67	514884.51944	514884.63763	-0.11819	0.10000	0.00000	514884.63773	-0.11830	0.2500
3936:	77	9	68	76	9	67	514884.51944	514884.63784	-0.11840	0.10000	0.00000	514884.63773	-0.11830	0.2500
3937:	77	10	68	76	9	67	514884.51944	514884.63809	-0.11865	0.10000	0.00000	514884.63773	-0.11830	0.2500
3938:	72	30	43	71	30	42	515011.72677	515011.86948	-0.14271	0.10000	0.00000	515011.86948	-0.14271	0.5000
3939:	72	30	42	71	30	41	515011.72677	515011.86948	-0.14271	0.10000	0.00000	515011.86948	-0.14271	0.5000
3940:	78	8	70	77	8	69	515055.61125	515055.59027	0.02098	0.10000	0.00000	515055.59027	0.02098	0.2500
3941:	78	8	70	77	9	69	515055.61125	515055.59026	0.02099	0.10000	0.00000	515055.59027	0.02098	0.2500
3942:	78	9	70	77	8	69	515055.61125	515055.59028	0.02097	0.10000	0.00000	515055.59027	0.02098	0.2500
3943:	78	9	70	77	9	69	515055.61125	515055.59026	0.02099	0.10000	0.00000	515055.59027	0.02098	0.2500
3944:	74	13	62	73	13	61	515080.53891	515080.49519	0.04372	0.10000	0.00000	515080.49519	0.04372	0.5000
3945:	74	12	62	73	12	61	515083.45668	515083.49324	-0.03656	0.10000	0.00000	515083.49324	-0.03656	0.5000
3946:	40	17	24	39	16	23	515170.56271	515170.62534	-0.06263	0.10000	0.00000	515170.62534	-0.06263	0.5000
3947:	79	7	72	78	7	71	515285.88297	515285.87301	0.00996	0.10000	0.00000	515285.87301	0.00996	0.2500
3948:	79	7	72	78	8	71	515285.88297	515285.87301	0.00996	0.10000	0.00000	515285.87301	0.00996	0.2500
3949:	79	8	72	78	7	71	515285.88297	515285.87301	0.00996	0.10000	0.00000	515285.87301	0.00996	0.2500
3950:	79	8	72	78	8	71	515285.88297	515285.87301	0.00996	0.10000	0.00000	515285.87301	0.00996	0.2500
3951:	70	17	54	69	17	53	515339.43443	515339.46634	-0.03190	0.10000	0.00000	515339.46634	-0.03190	0.5000
3952:	80	6	74	79	7	73	515557.49758	515557.47523	0.02235	0.10000	0.00000	515557.47523	0.02235	0.2500
3953:	80	7	74	79	6	73	515557.49758	515557.47523	0.02235	0.10000	0.00000	515557.47523	0.02235	0.2500
3954:	80	7	74	79	7	73	515557.49758	515557.47523	0.02235	0.10000	0.00000	515557.47523	0.02235	0.2500
3955:	80	6	74	79	6	73	515557.49758	515557.47523	0.02235	0.10000	0.00000	515557.47523	0.02235	0.2500
3956:	73	14	60	72	14	59	515622.39680	515622.54840	-0.15160	0.10000	0.00000	515622.54840	-0.15160	0.5000
3957:	72	29	43	71	29	42	515647.12001	515646.86339	0.25662	0.10000	0.00000	515646.86339	0.25662	0.5000
3958:	72	29	44	71	29	43	515647.12001	515646.86339	0.25662	0.10000	0.00000	515646.86339	0.25662	0.5000
3959:	71	22	50	70	22	49	515658.75284	515658.68892	0.06391	0.10000	0.00000	515658.68892	0.06391	0.5000
3960:	81	5	76	80	6	75	515857.81980	515857.82541	-0.00561	0.10000	0.00000	515857.82541	-0.00561	0.2500
3961:	81	6	76	80	5	75	515857.81980	515857.82541	-0.00561	0.10000	0.00000	515857.82541	-0.00561	0.2500
3962:	81	6	76	80	6	75	515857.81980	515857.82541	-0.00561	0.10000	0.00000	515857.82541	-0.00561	0.2500
3963:	81	5	76	80	5	75	515857.81980	515857.82541	-0.00561	0.10000	0.00000	515857.82541	-0.00561	0.2500
3964:	38	18	20	37	17	21	515996.55766	515996.41413	0.14353	0.10000	0.00000	515996.41399	0.14367	0.5000
3965:	38	18	21	37	17	20	515996.55766	515996.41385	0.14381	0.10000	0.00000	515996.41399	0.14367	0.5000
3966:	70	18	53	69	18	52	516158.12324	516158.08954	0.03371	0.10000	0.00000	516158.08954	0.03371	0.5000
3967:	82	4	78	81	4	77	516177.79121	516177.90790	-0.11669	0.10000	0.00000	516177.90790	-0.11669	0.2500
3968:	82	4	78	81	5	77	516177.79121	516177.90790	-0.11669	0.10000	0.00000	516177.90790	-0.11669	0.2500
3969:	82	5	78	81	4	77	516177.79121	516177.90790	-0.11669	0.10000	0.00000	516177.90790	-0.11669	0.2500
3970:	82	5	78	81	5	77	516177.79121	516177.90790	-0.11669	0.10000	0.00000	516177.90790	-0.11669	0.2500
3971:	72	28	45	71	28	44	516355.84485	516355.80580	0.03904	0.10000	0.00000	516355.80580	0.03904	0.5000
3972:	72	28	44	71	28	43	516355.84485	516355.80581	0.03904	0.10000	0.00000	516355.80580	0.03904	0.5000
3973:	36	19	18	35	18	17	516475.70089	516475.74454	-0.04365	0.10000	0.00000	516475.74454	-0.04365	0.5000

3974:	36	19	17	35	18	18	516475.70089	516475.74454	-0.04365	0.10000	0.00000	516475.74454	-0.04365	0.5000
3975:	83	3	80	82	3	79	516511.10110	516511.11788	-0.01678	0.10000	0.00000	516511.11788	-0.01678	0.2500
3976:	83	3	80	82	4	79	516511.10110	516511.11788	-0.01678	0.10000	0.00000	516511.11788	-0.01678	0.2500
3977:	83	4	80	82	3	79	516511.10110	516511.11788	-0.01678	0.10000	0.00000	516511.11788	-0.01678	0.2500
3978:	83	4	80	82	4	79	516511.10110	516511.11788	-0.01678	0.10000	0.00000	516511.11788	-0.01678	0.2500
3979:	72	15	58	71	15	57	516546.86193	516546.79469	0.06724	0.10000	0.00000			
3980:	70	19	51	69	19	50	516564.14785	516564.07604	0.07182	0.10000	0.00000			
3981:	70	15	55	69	15	54	516812.28363	516812.24450	0.03913	0.10000	0.00000			
3982:	84	2	82	83	2	81	516852.55129	516852.53349	0.01779	0.10000	0.00000	516852.53349	0.01779	0.2500
3983:	84	2	82	83	3	81	516852.55129	516852.53349	0.01779	0.10000	0.00000	516852.53349	0.01779	0.2500
3984:	84	3	82	83	2	81	516852.55129	516852.53349	0.01779	0.10000	0.00000	516852.53349	0.01779	0.2500
3985:	84	3	82	83	3	81	516852.55129	516852.53349	0.01779	0.10000	0.00000	516852.53349	0.01779	0.2500
3986:	32	21	12	31	20	11	516908.75807	516908.79591	-0.03784	0.10000	0.00000	516908.79591	-0.03784	0.5000
3987:	32	21	11	31	20	12	516908.75807	516908.79591	-0.03784	0.10000	0.00000	516908.79591	-0.03784	0.5000
3988:	30	22	9	29	21	8	516995.62658	516995.54219	0.08439	0.10000	0.00000	516995.54219	0.08439	0.5000
3989:	30	22	8	29	21	9	516995.62658	516995.54219	0.08439	0.10000	0.00000	516995.54219	0.08439	0.5000
3990:	28	23	5	27	22	6	517042.90725	517042.82512	0.08212	0.10000	0.00000	517042.82512	0.08212	0.5000
3991:	28	23	6	27	22	5	517042.90725	517042.82512	0.08212	0.10000	0.00000	517042.82512	0.08212	0.5000
3992:	26	24	3	25	23	2	517069.21842	517069.26113	-0.04271	0.10000	0.00000	517069.26113	-0.04271	0.5000
3993:	26	24	2	25	23	3	517069.21842	517069.26113	-0.04271	0.10000	0.00000	517069.26113	-0.04271	0.5000
3994:	72	14	58	71	14	57	517079.68353	517079.73338	-0.04985	0.10000	0.00000			
3995:	72	27	46	71	27	45	517153.36648	517153.37608	-0.00960	0.10000	0.00000	517153.37612	-0.00964	0.5000
3996:	72	27	45	71	27	44	517153.36648	517153.37617	-0.00968	0.10000	0.00000	517153.37612	-0.00964	0.5000
3997:	85	1	84	84	2	83	517198.41856	517198.43600	-0.01744	0.10000	0.00000	517198.43600	-0.01744	0.2500
3998:	85	2	84	84	1	83	517198.41856	517198.43600	-0.01744	0.10000	0.00000	517198.43600	-0.01744	0.2500
3999:	85	2	84	84	2	83	517198.41856	517198.43600	-0.01744	0.10000	0.00000	517198.43600	-0.01744	0.2500
4000:	85	1	84	84	1	83	517198.41856	517198.43600	-0.01744	0.10000	0.00000	517198.43600	-0.01744	0.2500
4001:	71	16	56	70	16	55	517270.93740	517270.93454	0.00286	0.10000	0.00000			
4002:	68	16	52	67	16	51	517473.96955	517474.17810	-0.20855	0.10000	0.00000			
4003:	86	0	86	85	1	85	517546.00250	517545.98397	0.01853	0.10000	0.00000	517545.98397	0.01853	0.2500
4004:	86	1	86	85	0	85	517546.00250	517545.98397	0.01853	0.10000	0.00000	517545.98397	0.01853	0.2500
4005:	86	1	86	85	1	85	517546.00250	517545.98397	0.01853	0.10000	0.00000	517545.98397	0.01853	0.2500
4006:	86	0	86	85	0	85	517546.00250	517545.98397	0.01853	0.10000	0.00000	517545.98397	0.01853	0.2500
4007:	71	21	51	70	21	50	517627.55392	517627.55100	0.00292	0.10000	0.00000			
4008:	71	21	50	70	21	49	517712.82791	517712.89851	-0.07060	0.10000	0.00000			
4009:	72	26	46	71	26	45	518058.72454	518058.65766	0.06688	0.10000	0.00000	518058.65704	0.06750	0.5000
4010:	72	26	47	71	26	46	518058.72454	518058.65643	0.06812	0.10000	0.00000	518058.65704	0.06750	0.5000
4011:	72	25	47	71	25	46	519097.17009	519097.13705	0.03304	0.10000	0.00000	519097.12889	0.04120	0.5000
4012:	72	25	48	71	25	47	519097.17009	519097.12073	0.04936	0.10000	0.00000	519097.12889	0.04120	0.5000
4013:	73	37	36	72	37	35	519126.46758	519126.84972	-0.38214	0.10000	0.00000	519126.84972	-0.38214	0.5000
4014:	73	37	37	72	37	36	519126.46758	519126.84972	-0.38214	0.10000	0.00000	519126.84972	-0.38214	0.5000
4015:	73	36	38	72	36	37	519483.68754	519483.99463	-0.30709	0.10000	0.00000	519483.99463	-0.30709	0.5000
4016:	73	36	37	72	36	36	519483.68754	519483.99463	-0.30709	0.10000	0.00000	519483.99463	-0.30709	0.5000
4017:	73	35	39	72	35	38	519868.69781	519868.88498	-0.18717	0.10000	0.00000	519868.88498	-0.18717	0.5000
4018:	73	35	38	72	35	37	519868.69781	519868.88498	-0.18717	0.10000	0.00000	519868.88498	-0.18717	0.5000
4019:	73	34	39	72	34	38	520285.22716	520285.35400	-0.12683	0.10000	0.00000	520285.35400	-0.12683	0.5000
4020:	73	34	40	72	34	39	520285.22716	520285.35400	-0.12683	0.10000	0.00000	520285.35400	-0.12683	0.5000
4021:	72	24	48	71	24	47	520304.04809	520304.09559	-0.04750	0.10000	0.00000	520303.99962	0.04847	0.5000
4022:	72	24	49	71	24	48	520304.04809	520303.90364	0.14444	0.10000	0.00000	520303.99962	0.04847	0.5000

4023:	71	20	51	70	20	50	520572.79647	520572.75328	0.04318	0.10000	0.00000	520727.98876	0.04737	0.2500
4024:	77	10	67	76	11	66	520728.03613	520727.98261	0.05351	0.10000	0.00000	520727.98876	0.04737	0.2500
4025:	77	11	67	76	11	66	520728.03613	520727.98699	0.04913	0.10000	0.00000	520727.98876	0.04737	0.2500
4026:	77	10	67	76	10	66	520728.03613	520727.99052	0.04561	0.10000	0.00000	520727.98876	0.04737	0.2500
4027:	77	11	67	76	10	66	520728.03613	520727.99490	0.04123	0.10000	0.00000	520727.98876	0.04737	0.2500
4028:	73	33	41	72	33	40	520737.88399	520737.93828	-0.05428	0.10000	0.00000	520737.93828	-0.05428	0.5000
4029:	73	33	40	72	33	39	520737.88399	520737.93828	-0.05428	0.10000	0.00000	520737.93828	-0.05428	0.5000
4030:	76	11	65	75	12	64	520751.09833	520750.95147	0.14686	0.10000	0.00000	520751.11178	-0.01345	0.2500
4031:	76	12	65	75	12	64	520751.09833	520751.06772	0.03061	0.10000	0.00000	520751.11178	-0.01345	0.2500
4032:	76	11	65	75	11	64	520751.09833	520751.15584	-0.05751	0.10000	0.00000	520751.11178	-0.01345	0.2500
4033:	76	12	65	75	11	64	520751.09833	520751.27209	-0.17376	0.10000	0.00000	520751.11178	-0.01345	0.2500
4034:	78	10	69	77	10	68	520824.90208	520824.89894	0.00314	0.10000	0.00000	520824.89899	0.00309	0.2500
4035:	78	9	69	77	9	68	520824.90208	520824.89905	0.00303	0.10000	0.00000	520824.89899	0.00309	0.2500
4036:	78	10	69	77	9	68	520824.90208	520824.89918	0.00290	0.10000	0.00000	520824.89899	0.00309	0.2500
4037:	78	9	69	77	10	68	520824.90208	520824.89880	0.00328	0.10000	0.00000	520824.89899	0.00309	0.2500
4038:	79	8	71	78	9	70	521003.29065	521003.38011	-0.08946	0.10000	0.00000	521003.38011	-0.08947	0.2500
4039:	79	9	71	78	8	70	521003.29065	521003.38012	-0.08947	0.10000	0.00000	521003.38011	-0.08947	0.2500
4040:	79	9	71	78	9	70	521003.29065	521003.38011	-0.08946	0.10000	0.00000	521003.38011	-0.08947	0.2500
4041:	79	8	71	78	8	70	521003.29065	521003.38011	-0.08947	0.10000	0.00000	521003.38011	-0.08947	0.2500
4042:	80	7	73	79	7	72	521238.41876	521238.42724	-0.00848	0.10000	0.00000	521238.42724	-0.00848	0.2500
4043:	80	7	73	79	8	72	521238.41876	521238.42724	-0.00848	0.10000	0.00000	521238.42724	-0.00848	0.2500
4044:	80	8	73	79	7	72	521238.41876	521238.42724	-0.00848	0.10000	0.00000	521238.42724	-0.00848	0.2500
4045:	80	8	73	79	8	72	521238.41876	521238.42724	-0.00848	0.10000	0.00000	521238.42724	-0.00848	0.2500
4046:	71	15	56	70	15	55	521380.41920	521380.35108	0.06812	0.10000	0.00000	521238.42724	-0.00848	0.2500
4047:	74	13	61	73	13	60	521473.73958	521473.61334	0.12624	0.10000	0.00000	521238.42724	-0.00848	0.2500
4048:	48	14	34	47	13	35	521478.38895	521478.85947	-0.47052	0.10000	0.00000	521513.04379	-0.05044	0.2500
4049:	81	6	75	80	6	74	521512.99335	521513.04379	-0.05044	0.10000	0.00000	521513.04379	-0.05044	0.2500
4050:	81	6	75	80	7	74	521512.99335	521513.04379	-0.05044	0.10000	0.00000	521513.04379	-0.05044	0.2500
4051:	81	7	75	80	6	74	521512.99335	521513.04379	-0.05044	0.10000	0.00000	521513.04379	-0.05044	0.2500
4052:	81	7	75	80	7	74	521512.99335	521513.04379	-0.05044	0.10000	0.00000	521513.04379	-0.05044	0.2500
4053:	73	31	43	72	31	42	521774.24865	521774.22654	0.02211	0.10000	0.00000	521774.22654	0.02211	0.5000
4054:	73	31	42	72	31	41	521774.24865	521774.22654	0.02211	0.10000	0.00000	521774.22654	0.02211	0.5000
4055:	82	5	77	81	5	76	521815.23039	521815.28368	-0.05329	0.10000	0.00000	521815.28368	-0.05329	0.2500
4056:	82	5	77	81	6	76	521815.23039	521815.28368	-0.05329	0.10000	0.00000	521815.28368	-0.05329	0.2500
4057:	82	6	77	81	5	76	521815.23039	521815.28368	-0.05329	0.10000	0.00000	521815.28368	-0.05329	0.2500
4058:	82	6	77	81	6	76	521815.23039	521815.28368	-0.05329	0.10000	0.00000	521815.28368	-0.05329	0.2500
4059:	71	17	55	70	17	54	522082.98775	522082.93074	0.05701	0.10000	0.00000	522136.53026	0.01785	0.2500
4060:	83	4	79	82	4	78	522136.54811	522136.53026	0.01785	0.10000	0.00000	522136.53026	0.01785	0.2500
4061:	83	4	79	82	5	78	522136.54811	522136.53026	0.01785	0.10000	0.00000	522136.53026	0.01785	0.2500
4062:	83	5	79	82	4	78	522136.54811	522136.53026	0.01785	0.10000	0.00000	522136.53026	0.01785	0.2500
4063:	83	5	79	82	5	78	522136.54811	522136.53026	0.01785	0.10000	0.00000	522136.53026	0.01785	0.2500
4064:	73	15	59	72	15	58	522322.53389	522322.53272	0.00117	0.10000	0.00000	522372.41629	-0.03047	0.5000
4065:	73	30	44	72	30	43	522372.38582	522372.41629	-0.03047	0.10000	0.00000	522372.41629	-0.03047	0.5000
4066:	73	30	43	72	30	42	522372.38582	522372.41629	-0.03047	0.10000	0.00000	522372.41629	-0.03047	0.5000
4067:	71	19	53	70	19	52	522426.86496	522426.79249	0.07247	0.10000	0.00000	522470.43970	-0.03611	0.2500
4068:	84	3	81	83	3	80	522470.40359	522470.43970	-0.03611	0.10000	0.00000	522470.43970	-0.03611	0.2500
4069:	84	3	81	83	4	80	522470.40359	522470.43970	-0.03611	0.10000	0.00000	522470.43970	-0.03611	0.2500
4070:	84	4	81	83	3	80	522470.40359	522470.43970	-0.03611	0.10000	0.00000	522470.43970	-0.03611	0.2500
4071:	84	4	81	83	4	80	522470.40359	522470.43970	-0.03611	0.10000	0.00000	522470.43970	-0.03611	0.2500

4072:	73	14	59	72	14	58	522668.99788	522869.03673	-0.03885	0.10000	0.00000	522812.26388	-0.09979	0.2500
4073:	85	2	83	84	2	82	522812.16409	522812.26388	-0.09979	0.10000	0.00000	522812.26388	-0.09979	0.2500
4074:	85	2	83	84	3	82	522812.16409	522812.26388	-0.09979	0.10000	0.00000	522812.26388	-0.09979	0.2500
4075:	85	3	83	84	2	82	522812.16409	522812.26388	-0.09979	0.10000	0.00000	522812.26388	-0.09979	0.2500
4076:	85	3	83	84	3	82	522812.16409	522812.26388	-0.09979	0.10000	0.00000	522812.26388	-0.09979	0.2500
4077:	39	18	21	38	17	22	522890.62344	522890.77054	-0.14709	0.10000	0.00000	522890.77017	-0.14673	0.5000
4078:	39	18	22	38	17	21	522890.62344	522890.76981	-0.14637	0.10000	0.00000	522890.77017	-0.14673	0.5000
4079:	73	29	45	72	29	44	523036.54033	523036.45180	0.08853	0.10000	0.00000	523036.45180	0.08853	0.5000
4080:	73	29	44	72	29	43	523036.54033	523036.45180	0.08853	0.10000	0.00000	523036.45180	0.08853	0.5000
4081:	86	1	85	85	1	84	523158.41943	523158.40114	0.01829	0.10000	0.00000	523158.40114	0.01829	0.2500
4082:	86	1	85	85	2	84	523158.41943	523158.40114	0.01829	0.10000	0.00000	523158.40114	0.01829	0.2500
4083:	86	2	85	85	1	84	523158.41943	523158.40114	0.01829	0.10000	0.00000	523158.40114	0.01829	0.2500
4084:	86	2	85	85	2	84	523158.41943	523158.40114	0.01829	0.10000	0.00000	523158.40114	0.01829	0.2500
4085:	72	16	57	71	16	56	523230.22962	523230.19795	0.03167	0.10000	0.00000	523230.19795	0.03167	0.5000
4086:	37	19	19	36	18	18	523437.82579	523437.85848	-0.03269	0.10000	0.00000	523437.85848	-0.03269	0.5000
4087:	37	19	18	36	18	19	523437.82579	523437.85848	-0.03269	0.10000	0.00000	523437.85848	-0.03269	0.5000
4088:	72	22	51	71	22	50	523445.03581	523445.02867	0.00714	0.10000	0.00000	523445.02867	0.00714	0.5000
4089:	72	22	50	71	22	49	523463.25202	523463.18277	0.06925	0.10000	0.00000	523463.18277	0.06925	0.5000
4090:	87	0	87	86	0	86	523506.09477	523506.08933	0.00544	0.10000	0.00000	523506.08933	0.00544	0.3333
4091:	87	0	87	86	1	86	523506.09477	523506.08933	0.00544	0.10000	0.00000	523506.08933	0.00544	0.3333
4092:	87	1	87	86	1	86	523506.09477	523506.08933	0.00544	0.10000	0.00000	523506.08933	0.00544	0.3333
4093:	71	18	54	70	18	53	523699.72175	523699.62185	0.09990	0.10000	0.00000	523699.62185	0.09990	0.5000
4094:	35	20	16	34	19	15	523756.78961	523756.66278	0.12684	0.10000	0.00000	523756.66278	0.12684	0.5000
4095:	35	20	15	34	19	16	523756.78961	523756.66278	0.12684	0.10000	0.00000	523756.66278	0.12684	0.5000
4096:	46	15	31	45	14	32	523772.23719	523772.16218	0.07500	0.10000	0.00000	523772.16218	0.07500	0.5000
4097:	73	28	46	72	28	45	523779.05894	523778.66343	0.39551	0.10000	0.00000	523778.66344	0.39550	0.5000
4098:	73	28	45	72	28	44	523779.05894	523778.66345	0.39550	0.10000	0.00000	523778.66344	0.39550	0.5000
4099:	69	17	52	68	17	51	523795.82088	523795.81599	0.00489	0.10000	0.00000	523795.81599	0.00489	0.5000
4100:	69	16	53	68	16	52	523813.27354	523813.13971	0.13382	0.10000	0.00000	523813.13971	0.13382	0.5000
4101:	33	21	12	32	20	13	523939.71529	523939.71731	-0.00202	0.10000	0.00000	523939.71731	-0.00202	0.5000
4102:	33	21	13	32	20	12	523939.71529	523939.71731	-0.00202	0.10000	0.00000	523939.71731	-0.00202	0.5000
4103:	31	22	10	30	21	9	524042.49850	524042.53772	-0.03922	0.10000	0.00000	524042.53772	-0.03922	0.5000
4104:	31	22	9	30	21	10	524042.49850	524042.53772	-0.03922	0.10000	0.00000	524042.53772	-0.03922	0.5000
4105:	29	23	7	28	22	6	524098.83744	524099.12096	-0.28352	0.10000	0.00000	524099.12096	-0.28352	0.5000
4106:	29	23	6	28	22	7	524098.83744	524099.12096	-0.28352	0.10000	0.00000	524099.12096	-0.28352	0.5000
4107:	27	24	3	26	23	4	524130.39411	524130.41889	-0.02477	0.10000	0.00000	524130.41889	-0.02477	0.5000
4108:	27	24	4	26	23	3	524130.39411	524130.41889	-0.02477	0.10000	0.00000	524130.41889	-0.02477	0.5000
4109:	25	25	1	24	24	0	524149.21677	524149.25369	-0.03693	0.10000	0.00000	524149.25369	-0.03693	0.5000
4110:	25	25	0	24	24	1	524149.21677	524149.25369	-0.03693	0.10000	0.00000	524149.25369	-0.03693	0.5000
4111:	70	18	52	69	18	51	524505.00014	524504.92149	0.07865	0.10000	0.00000	524504.92149	0.07865	0.5000
4112:	73	27	46	72	27	45	524615.25890	524614.80893	0.44998	0.10000	0.00000	524614.80884	0.45007	0.5000
4113:	73	27	47	72	27	46	524615.25890	524614.80875	0.45015	0.10000	0.00000	524614.80884	0.45007	0.5000
4114:	71	19	52	70	19	51	525530.80523	525530.64656	0.15868	0.10000	0.00000	525530.64656	0.15868	0.5000
4115:	72	21	52	71	21	51	525538.25669	525538.27440	-0.01772	0.10000	0.00000	525538.27440	-0.01772	0.5000
4116:	73	26	47	72	26	46	525565.53731	525565.48914	0.04817	0.10000	0.00000	525565.48914	0.04817	0.5000
4117:	73	26	48	72	26	47	525565.53731	525565.48666	0.05065	0.10000	0.00000	525565.48666	0.05065	0.5000
4118:	72	21	51	71	21	50	525679.60919	525679.58851	0.02068	0.10000	0.00000	525679.58851	0.02068	0.5000
4119:	74	36	38	73	36	37	526730.56356	526731.07272	-0.50915	0.10000	0.00000	526731.07272	-0.50915	0.5000
4120:	74	36	39	73	36	38	526730.56356	526731.07272	-0.50915	0.10000	0.00000	526731.07272	-0.50915	0.5000

4121:	79	9	70	78	9	69	526765.16106	526765.25496	-0.09390	0.10000	0.00000	526765.25493	-0.09386	0.2500
4122:	79	10	70	78	10	69	526765.16106	526765.25489	-0.09383	0.10000	0.00000	526765.25493	-0.09386	0.2500
4123:	79	10	70	78	9	69	526765.16106	526765.25503	-0.09397	0.10000	0.00000	526765.25493	-0.09386	0.2500
4124:	79	9	70	78	10	69	526765.16106	526765.25482	-0.09376	0.10000	0.00000	526765.25493	-0.09386	0.2500
4125:	44	16	29	43	15	28	526869.28431	526869.30090	-0.01659	0.10000	0.00000			
4126:	80	8	72	79	8	71	526951.27117	526950.83723	0.43394	0.10000	0.00000	526950.83723	0.43394	0.2500
4127:	80	8	72	79	9	71	526951.27117	526950.83723	0.43394	0.10000	0.00000	526950.83723	0.43394	0.2500
4128:	80	9	72	79	8	71	526951.27117	526950.83724	0.43394	0.10000	0.00000	526950.83723	0.43394	0.2500
4129:	80	9	72	79	9	71	526951.27117	526950.83723	0.43394	0.10000	0.00000	526950.83723	0.43394	0.2500
4130:	74	35	40	73	35	39	527131.68356	527131.62555	0.05801	0.10000	0.00000	527131.62555	0.05801	0.5000
4131:	74	35	39	73	35	38	527131.68356	527131.62555	0.05801	0.10000	0.00000	527131.62555	0.05801	0.5000
4132:	81	7	74	80	7	73	527190.54691	527190.40552	0.14139	0.10000	0.00000	527190.40552	0.14139	0.2500
4133:	81	7	74	80	8	73	527190.54691	527190.40552	0.14139	0.10000	0.00000	527190.40552	0.14139	0.2500
4134:	81	8	74	80	7	73	527190.54691	527190.40552	0.14139	0.10000	0.00000	527190.40552	0.14139	0.2500
4135:	81	8	74	80	8	73	527190.54691	527190.40552	0.14139	0.10000	0.00000	527190.40552	0.14139	0.2500
4136:	75	14	62	74	14	61	527276.15972	527276.07750	0.08222	0.10000	0.00000			
4137:	82	6	76	81	7	75	527467.89548	527467.89791	-0.00243	0.10000	0.00000	527467.89791	-0.00243	0.2500
4138:	82	7	76	81	6	75	527467.89548	527467.89791	-0.00243	0.10000	0.00000	527467.89791	-0.00243	0.2500
4139:	82	7	76	81	7	75	527467.89548	527467.89791	-0.00243	0.10000	0.00000	527467.89791	-0.00243	0.2500
4140:	82	6	76	81	6	75	527467.89548	527467.89791	-0.00243	0.10000	0.00000	527467.89791	-0.00243	0.2500
4141:	83	5	78	82	5	77	527771.97102	527771.94999	0.02103	0.10000	0.00000	527771.94999	0.02103	0.2500
4142:	83	5	78	82	6	77	527771.97102	527771.94999	0.02103	0.10000	0.00000	527771.94999	0.02103	0.2500
4143:	83	6	78	82	5	77	527771.97102	527771.94999	0.02103	0.10000	0.00000	527771.94999	0.02103	0.2500
4144:	83	6	78	82	6	77	527771.97102	527771.94999	0.02103	0.10000	0.00000	527771.94999	0.02103	0.2500
4145:	72	20	53	71	20	52	528003.86609	528003.86422	0.00188	0.10000	0.00000			
4146:	84	4	80	83	4	79	528094.28600	528094.31896	-0.03296	0.10000	0.00000	528094.31896	-0.03296	0.2500
4147:	84	4	80	83	5	79	528094.28600	528094.31896	-0.03296	0.10000	0.00000	528094.31896	-0.03296	0.2500
4148:	84	5	80	83	4	79	528094.28600	528094.31896	-0.03296	0.10000	0.00000	528094.31896	-0.03296	0.2500
4149:	84	5	80	83	5	79	528094.28600	528094.31896	-0.03296	0.10000	0.00000	528094.31896	-0.03296	0.2500
4150:	74	15	60	73	15	59	528096.94967	528096.80206	0.14761	0.10000	0.00000			
4151:	74	14	60	73	14	59	528319.58324	528319.67717	-0.09394	0.10000	0.00000			
4152:	85	3	82	84	4	81	528428.95719	528428.90706	0.05013	0.10000	0.00000	528428.90706	0.05013	0.2500
4153:	85	4	82	84	3	81	528428.95719	528428.90706	0.05013	0.10000	0.00000	528428.90706	0.05013	0.2500
4154:	85	4	82	84	4	81	528428.95719	528428.90706	0.05013	0.10000	0.00000	528428.90706	0.05013	0.2500
4155:	85	3	82	84	3	81	528428.95719	528428.90706	0.05013	0.10000	0.00000	528428.90706	0.05013	0.2500
4156:	72	17	56	71	17	55	528630.21716	528630.15170	0.06546	0.10000	0.00000			
4157:	42	17	25	41	16	26	528705.79600	528705.91616	-0.12016	0.10000	0.00000	528705.81981	-0.02381	0.5000
4158:	42	17	26	41	16	25	528705.79600	528705.72347	0.07253	0.10000	0.00000	528705.81981	-0.02381	0.5000
4159:	86	2	84	85	3	83	528771.16137	528771.13090	0.03047	0.10000	0.00000	528771.13090	0.03047	0.2500
4160:	86	3	84	85	2	83	528771.16137	528771.13090	0.03047	0.10000	0.00000	528771.13090	0.03047	0.2500
4161:	86	3	84	85	3	83	528771.16137	528771.13090	0.03047	0.10000	0.00000	528771.13090	0.03047	0.2500
4162:	86	2	84	85	2	83	528771.16137	528771.13090	0.03047	0.10000	0.00000	528771.13090	0.03047	0.2500
4163:	72	20	52	71	20	51	528914.18076	528914.08772	0.09304	0.10000	0.00000			
4164:	73	16	58	72	16	57	529110.54513	529110.66787	-0.12274	0.10000	0.00000			
4165:	87	1	86	86	1	85	529117.62010	529117.50030	0.11980	0.10000	0.00000	529117.50030	0.11980	0.2500
4166:	87	1	86	86	2	85	529117.62010	529117.50030	0.11980	0.10000	0.00000	529117.50030	0.11980	0.2500
4167:	87	2	86	86	1	85	529117.62010	529117.50030	0.11980	0.10000	0.00000	529117.50030	0.11980	0.2500
4168:	87	2	86	86	2	85	529117.62010	529117.50030	0.11980	0.10000	0.00000	529117.50030	0.11980	0.2500
4169:	70	16	54	69	16	53	529377.39843	529377.41407	-0.01564	0.10000	0.00000			

4219:	82	8	75	81	7	74	533141.73600	533141.77921	-0.04321	0.10000	0.00000	533141.77921	-0.04321	0.2500
4220:	82	8	75	81	8	74	533141.73600	533141.77921	-0.04321	0.10000	0.00000	533141.77921	-0.04321	0.2500
4221:	45	16	30	44	15	29	533345.13232	533345.53222	-0.39989	0.10000	0.00000			
4222:	83	6	77	82	7	76	533422.05677	533422.01820	0.03858	0.10000	0.00000	533422.01820	0.03858	0.2500
4223:	83	7	77	82	6	76	533422.05677	533422.01820	0.03858	0.10000	0.00000	533422.01820	0.03858	0.2500
4224:	83	7	77	82	7	76	533422.05677	533422.01820	0.03858	0.10000	0.00000	533422.01820	0.03858	0.2500
4225:	83	6	77	82	6	76	533422.05677	533422.01820	0.03858	0.10000	0.00000	533422.01820	0.03858	0.2500
4226:	73	21	53	72	21	52	533486.31164	533486.20475	0.10689	0.10000	0.00000			
4227:	50	15	36	50	11	39	533716.91514	533717.22495	-0.30981	0.10000	0.00000			
4228:	84	5	79	83	5	78	533727.74820	533727.80982	-0.06162	0.10000	0.00000	533727.80982	-0.06162	0.2500
4229:	84	5	79	83	6	78	533727.74820	533727.80982	-0.06162	0.10000	0.00000	533727.80982	-0.06162	0.2500
4230:	84	6	79	83	5	78	533727.74820	533727.80982	-0.06162	0.10000	0.00000	533727.80982	-0.06162	0.2500
4231:	84	6	79	83	6	78	533727.74820	533727.80982	-0.06162	0.10000	0.00000	533727.80982	-0.06162	0.2500
4232:	75	14	61	74	14	60	534016.49734	534016.51017	-0.01283	0.10000	0.00000			
4233:	85	4	81	84	5	80	534051.25035	534051.26200	-0.01164	0.10000	0.00000	534051.26200	-0.01164	0.2500
4234:	85	5	81	84	4	80	534051.25035	534051.26200	-0.01164	0.10000	0.00000	534051.26200	-0.01164	0.2500
4235:	85	5	81	84	5	80	534051.25035	534051.26200	-0.01164	0.10000	0.00000	534051.26200	-0.01164	0.2500
4236:	85	4	81	84	4	80	534051.25035	534051.26200	-0.01164	0.10000	0.00000	534051.26200	-0.01164	0.2500
4237:	86	3	83	85	3	82	534386.49109	534386.50919	-0.01810	0.10000	0.00000	534386.50919	-0.01810	0.2500
4238:	86	3	83	85	4	82	534386.49109	534386.50919	-0.01810	0.10000	0.00000	534386.50919	-0.01810	0.2500
4239:	86	4	83	85	3	82	534386.49109	534386.50919	-0.01810	0.10000	0.00000	534386.50919	-0.01810	0.2500
4240:	86	4	83	85	4	82	534386.49109	534386.50919	-0.01810	0.10000	0.00000	534386.50919	-0.01810	0.2500
4241:	75	35	41	74	35	40	534400.21874	534400.49522	-0.27648	0.10000	0.00000			
4242:	87	2	85	86	2	84	534729.13409	534729.12429	0.00981	0.10000	0.00000	534729.12429	0.00981	0.2500
4243:	87	2	85	86	3	84	534729.13409	534729.12429	0.00981	0.10000	0.00000	534729.12429	0.00981	0.2500
4244:	87	3	85	86	2	84	534729.13409	534729.12429	0.00981	0.10000	0.00000	534729.12429	0.00981	0.2500
4245:	87	3	85	86	3	84	534729.13409	534729.12429	0.00981	0.10000	0.00000	534729.12429	0.00981	0.2500
4246:	72	19	53	71	19	52	534802.77764	534802.65455	0.12309	0.10000	0.00000			
4247:	74	16	59	73	16	58	534934.82862	534934.82111	0.00751	0.10000	0.00000			
4248:	73	17	57	72	17	56	534995.57019	534995.51354	0.05665	0.10000	0.00000			
4249:	88	1	87	87	1	86	535075.79586	535075.72342	0.07243	0.10000	0.00000	535075.72342	0.07243	0.2500
4250:	88	1	87	87	2	86	535075.79586	535075.72342	0.07243	0.10000	0.00000	535075.72342	0.07243	0.2500
4251:	88	2	87	87	1	86	535075.79586	535075.72342	0.07243	0.10000	0.00000	535075.72342	0.07243	0.2500
4252:	88	2	87	87	2	86	535075.79586	535075.72342	0.07243	0.10000	0.00000	535075.72342	0.07243	0.2500
4253:	75	33	43	74	33	42	535343.07067	535343.17547	-0.10480	0.10000	0.00000	535343.17547	-0.10480	0.5000
4254:	75	33	42	74	33	41	535343.07067	535343.17547	-0.10480	0.10000	0.00000	535343.17547	-0.10480	0.5000
4255:	89	0	89	88	0	88	535423.80645	535423.69300	0.11345	0.10000	0.00000	535423.69300	0.11345	0.2500
4256:	89	0	89	88	1	88	535423.80645	535423.69300	0.11345	0.10000	0.00000	535423.69300	0.11345	0.2500
4257:	89	1	89	88	0	88	535423.80645	535423.69300	0.11345	0.10000	0.00000	535423.69300	0.11345	0.2500
4258:	89	1	89	88	1	88	535423.80645	535423.69300	0.11345	0.10000	0.00000	535423.69300	0.11345	0.2500
4259:	74	15	59	73	15	58	536328.27254	536328.17561	0.09693	0.10000	0.00000			
4260:	75	31	45	74	31	44	536470.32700	536470.47459	-0.14759	0.10000	0.00000	536470.47459	-0.14759	0.5000
4261:	75	31	44	74	31	43	536470.32700	536470.47459	-0.14759	0.10000	0.00000	536470.47459	-0.14759	0.5000
4262:	41	18	23	40	17	24	536612.12260	536612.10817	0.01443	0.10000	0.00000	536612.10596	0.01663	0.5000
4263:	41	18	24	40	17	23	536612.12260	536612.10376	0.01883	0.10000	0.00000	536612.10596	0.01663	0.5000
4264:	75	30	45	74	30	44	537122.80275	537122.84647	-0.04372	0.10000	0.00000	537122.84647	-0.04372	0.5000
4265:	75	30	46	74	30	45	537122.80275	537122.84647	-0.04372	0.10000	0.00000	537122.84647	-0.04372	0.5000
4266:	74	23	52	73	23	51	537183.72779	537183.62013	0.10766	0.10000	0.00000			
4267:	74	23	51	73	23	50	537190.04663	537189.92595	0.12068	0.10000	0.00000			

4268:	39	19	20	38	18	21	537316.60957	537316.89417	-0.28461	0.10000	0.00000	537316.89416	-0.28459	0.5000
4269:	39	19	21	38	18	20	537316.60957	537316.89414	-0.28458	0.10000	0.00000	537316.89416	-0.28459	0.5000
4270:	73	20	63	72	20	52	537426.50454	537426.52350	-0.01896	0.10000	0.00000			
4271:	37	20	18	36	19	17	537735.04921	537735.02662	0.02259	0.10000	0.00000	537735.02662	0.02259	0.5000
4272:	37	20	17	36	19	18	537735.04921	537735.02662	0.02259	0.10000	0.00000	537735.02662	0.02259	0.5000
4273:	75	29	47	74	29	46	537848.59065	537848.52162	0.06903	0.10000	0.00000	537848.52163	0.06903	0.5000
4274:	75	29	46	74	29	45	537848.59065	537848.52163	0.06903	0.10000	0.00000	537848.52163	0.06903	0.5000
4275:	35	21	14	34	20	15	537980.80889	537980.83413	-0.02524	0.10000	0.00000	537980.83413	-0.02524	0.5000
4276:	35	21	15	34	20	14	537980.80889	537980.83413	-0.02524	0.10000	0.00000	537980.83413	-0.02524	0.5000
4277:	33	22	12	32	21	11	538122.75291	538122.72951	0.02340	0.10000	0.00000	538122.72951	0.02340	0.5000
4278:	33	22	11	32	21	12	538122.75291	538122.72951	0.02340	0.10000	0.00000	538122.72951	0.02340	0.5000
4279:	31	23	9	30	22	8	538202.95839	538202.79627	0.16212	0.10000	0.00000	538202.79627	0.16212	0.5000
4280:	31	23	8	30	22	9	538202.95839	538202.79627	0.16212	0.10000	0.00000	538202.79627	0.16212	0.5000
4281:	29	24	5	28	23	6	538247.23332	538247.25926	-0.02594	0.10000	0.00000	538247.25926	-0.02594	0.5000
4282:	29	24	6	28	23	5	538247.23332	538247.25926	-0.02594	0.10000	0.00000	538247.25926	-0.02594	0.5000
4283:	73	18	56	72	18	55	538254.35104	538254.28671	0.06433	0.10000	0.00000			
4284:	27	25	3	26	24	2	538272.42815	538272.47125	-0.04310	0.10000	0.00000	538272.47125	-0.04310	0.5000
4285:	27	25	2	26	24	3	538272.42815	538272.47125	-0.04310	0.10000	0.00000	538272.47125	-0.04310	0.5000
4286:	79	12	68	78	12	67	538489.59635	538489.55899	0.03736	0.10000	0.00000	538489.54852	0.04782	0.5000
4287:	79	11	68	78	12	67	538489.59635	538489.53806	0.05829	0.10000	0.00000	538489.54852	0.04782	0.5000
4288:	80	10	70	79	11	69	538517.31208	538517.31015	0.00192	0.10000	0.00000	538517.31118	0.00089	0.2500
4289:	80	11	70	79	11	69	538517.31208	538517.31088	0.00119	0.10000	0.00000	538517.31118	0.00089	0.2500
4290:	80	10	70	79	10	69	538517.31208	538517.31148	0.00059	0.10000	0.00000	538517.31118	0.00089	0.2500
4291:	80	11	70	79	10	69	538517.31208	538517.31222	-0.00014	0.10000	0.00000	538517.31118	0.00089	0.2500
4292:	78	12	66	77	12	65	538611.15164	538611.37649	-0.22486	0.10000	0.00000	538611.19679	-0.04515	0.5000
4293:	78	13	66	77	13	65	538611.15164	538611.01709	0.13455	0.10000	0.00000	538611.19679	-0.04515	0.5000
4294:	81	9	72	80	10	71	538645.96339	538645.93797	0.02542	0.10000	0.00000	538645.93800	0.02539	0.2500
4295:	81	10	72	80	10	71	538645.96339	538645.93799	0.02540	0.10000	0.00000	538645.93800	0.02539	0.2500
4296:	81	9	72	80	9	71	538645.96339	538645.93801	0.02538	0.10000	0.00000	538645.93800	0.02539	0.2500
4297:	81	10	72	80	9	71	538645.96339	538645.93803	0.02536	0.10000	0.00000	538645.93800	0.02539	0.2500
4298:	75	28	48	74	28	47	538661.51177	538661.61276	-0.10099	0.10000	0.00000	538661.61279	-0.10101	0.5000
4299:	75	28	47	74	28	46	538661.51177	538661.61281	-0.10104	0.10000	0.00000	538661.61279	-0.10101	0.5000
4300:	72	16	56	71	16	55	538797.07301	538796.95292	0.12009	0.10000	0.00000			
4301:	82	8	74	81	9	73	538844.78405	538844.57167	0.21238	0.10000	0.00000	538844.57167	0.21238	0.2500
4302:	82	9	74	81	8	73	538844.78405	538844.57167	0.21238	0.10000	0.00000	538844.57167	0.21238	0.2500
4303:	82	9	74	81	9	73	538844.78405	538844.57167	0.21238	0.10000	0.00000	538844.57167	0.21238	0.2500
4304:	82	8	74	81	8	73	538844.78405	538844.57167	0.21238	0.10000	0.00000	538844.57167	0.21238	0.2500
4305:	77	14	64	76	14	63	538960.87254	538960.92747	-0.05493	0.10000	0.00000			
4306:	77	13	64	76	13	63	538967.41036	538967.32749	0.08287	0.10000	0.00000			
4307:	83	7	76	82	8	75	539092.54817	539092.52110	0.02707	0.10000	0.00000	539092.52110	0.02707	0.2500
4308:	83	8	76	82	7	75	539092.54817	539092.52110	0.02707	0.10000	0.00000	539092.52110	0.02707	0.2500
4309:	83	8	76	82	8	75	539092.54817	539092.52110	0.02707	0.10000	0.00000	539092.52110	0.02707	0.2500
4310:	83	7	76	82	7	75	539092.54817	539092.52110	0.02707	0.10000	0.00000	539092.52110	0.02707	0.2500
4311:	74	22	53	73	22	52	539122.64517	539122.59794	0.04723	0.10000	0.00000			
4312:	74	22	52	73	22	51	539175.21490	539175.15501	0.05990	0.10000	0.00000			
4313:	84	6	78	83	7	77	539375.35430	539375.38594	-0.03165	0.10000	0.00000	539375.38594	-0.03165	0.2500
4314:	84	7	78	83	6	77	539375.35430	539375.38594	-0.03165	0.10000	0.00000	539375.38594	-0.03165	0.2500
4315:	84	7	78	83	7	77	539375.35430	539375.38594	-0.03165	0.10000	0.00000	539375.38594	-0.03165	0.2500
4316:	84	6	78	83	6	77	539375.35430	539375.38594	-0.03165	0.10000	0.00000	539375.38594	-0.03165	0.2500

4317:	76	15	62	75	15	61	539658.77085	539658.79135	-0.02050	0.10000	0.00000	539682.84896	-0.10151	0.2500
4318:	85	5	80	84	5	79	539682.74746	539682.84896	-0.10151	0.10000	0.00000	539682.84896	-0.10151	0.2500
4319:	85	5	80	84	6	79	539682.74746	539682.84896	-0.10151	0.10000	0.00000	539682.84896	-0.10151	0.2500
4320:	85	6	80	84	5	79	539682.74746	539682.84896	-0.10151	0.10000	0.00000	539682.84896	-0.10151	0.2500
4321:	85	6	80	84	6	79	539682.74746	539682.84896	-0.10151	0.10000	0.00000	539682.84896	-0.10151	0.2500
4322:	86	4	82	85	5	81	540007.35171	540007.34747	0.00424	0.10000	0.00000	540007.34747	0.00424	0.2500
4323:	86	5	82	85	4	81	540007.35171	540007.34747	0.00424	0.10000	0.00000	540007.34747	0.00424	0.2500
4324:	86	5	82	85	5	81	540007.35171	540007.34747	0.00424	0.10000	0.00000	540007.34747	0.00424	0.2500
4325:	86	4	82	85	4	81	540007.35171	540007.34747	0.00424	0.10000	0.00000	540007.34747	0.00424	0.2500
4326:	87	3	84	86	4	83	540343.26957	540343.23531	0.03426	0.10000	0.00000	540343.23531	0.03426	0.2500
4327:	87	4	84	86	3	83	540343.26957	540343.23531	0.03426	0.10000	0.00000	540343.23531	0.03426	0.2500
4328:	87	4	84	86	4	83	540343.26957	540343.23531	0.03426	0.10000	0.00000	540343.23531	0.03426	0.2500
4329:	87	3	84	86	3	83	540343.26957	540343.23531	0.03426	0.10000	0.00000	540343.23531	0.03426	0.2500
4330:	88	2	86	87	2	85	540686.24074	540686.23380	0.00694	0.10000	0.00000	540686.23380	0.00694	0.2500
4331:	88	2	86	87	3	85	540686.24074	540686.23380	0.00694	0.10000	0.00000	540686.23380	0.00694	0.2500
4332:	88	3	86	87	2	85	540686.24074	540686.23380	0.00694	0.10000	0.00000	540686.23380	0.00694	0.2500
4333:	88	3	86	87	3	85	540686.24074	540686.23380	0.00694	0.10000	0.00000	540686.23380	0.00694	0.2500
4334:	75	16	60	74	16	59	540721.78813	540721.65118	0.13695	0.10000	0.00000	540721.65118	0.13695	0.2500
4335:	71	17	54	70	17	53	540800.07772	540799.79758	0.28013	0.10000	0.00000	540799.79758	0.28013	0.2500
4336:	89	1	88	88	2	87	541032.99718	541033.06046	-0.06328	0.10000	0.00000	541033.06046	-0.06328	0.2500
4337:	89	2	88	88	1	87	541032.99718	541033.06046	-0.06328	0.10000	0.00000	541033.06046	-0.06328	0.2500
4338:	89	2	88	88	2	87	541032.99718	541033.06046	-0.06328	0.10000	0.00000	541033.06046	-0.06328	0.2500
4339:	89	1	88	88	1	87	541032.99718	541033.06046	-0.06328	0.10000	0.00000	541033.06046	-0.06328	0.2500
4340:	90	0	80	89	0	89	541381.02411	541381.17132	-0.14721	0.10000	0.00000	541381.17132	-0.14721	0.2500
4341:	90	0	80	89	1	89	541381.02411	541381.17132	-0.14721	0.10000	0.00000	541381.17132	-0.14721	0.2500
4342:	90	1	80	89	0	89	541381.02411	541381.17132	-0.14721	0.10000	0.00000	541381.17132	-0.14721	0.2500
4343:	90	1	80	89	1	89	541381.02411	541381.17132	-0.14721	0.10000	0.00000	541381.17132	-0.14721	0.2500
4344:	74	21	54	73	21	53	541469.27872	541469.23160	0.04712	0.10000	0.00000	541469.23160	0.04712	0.2500
4345:	75	15	60	74	15	59	541658.11775	541658.11295	0.00480	0.10000	0.00000	541658.11295	0.00480	0.2500
4346:	76	35	42	75	35	41	541675.53004	541675.61886	-0.08882	0.10000	0.00000	541675.61886	-0.08882	0.5000
4347:	76	35	41	75	35	40	541675.53004	541675.61886	-0.08882	0.10000	0.00000	541675.61886	-0.08882	0.5000
4348:	76	34	42	75	34	41	542145.29192	542145.41792	-0.12600	0.10000	0.00000	542145.41792	-0.12600	0.5000
4349:	76	34	43	75	34	42	542145.29192	542145.41792	-0.12600	0.10000	0.00000	542145.41792	-0.12600	0.5000
4350:	76	33	44	75	33	43	542656.69792	542656.95980	-0.26188	0.10000	0.00000	542656.95980	-0.26188	0.5000
4351:	76	33	43	75	33	42	542656.69792	542656.95980	-0.26188	0.10000	0.00000	542656.95980	-0.26188	0.5000
4352:	73	16	57	72	16	56	543092.18608	543092.13507	0.05101	0.10000	0.00000	543092.13507	0.05101	0.5000
4353:	42	18	25	41	17	24	543435.16020	543435.12119	0.03901	0.10000	0.00000	543435.12119	0.03901	0.5000
4354:	42	18	24	41	17	25	543435.16020	543435.13164	0.02856	0.10000	0.00000	543435.13164	0.02856	0.5000
4355:	76	31	46	75	31	45	543832.18942	543832.23023	-0.04081	0.10000	0.00000	543832.23023	-0.04081	0.5000
4356:	76	31	45	75	31	44	543832.18942	543832.23023	-0.04081	0.10000	0.00000	543832.23023	-0.04081	0.5000
4357:	74	20	65	73	20	54	544047.61439	544047.62147	-0.00708	0.10000	0.00000	544047.62147	-0.00708	0.5000
4358:	40	19	21	39	18	22	544231.14935	544231.13962	0.00973	0.10000	0.00000	544231.13962	0.00973	0.5000
4359:	40	19	22	39	18	21	544231.14935	544231.13962	0.00981	0.10000	0.00000	544231.13962	0.00981	0.5000
4360:	72	18	54	71	18	53	544362.50745	544362.61998	-0.11253	0.10000	0.00000	544362.61998	-0.11253	0.5000
4361:	73	19	54	72	19	53	544395.60115	544395.56700	0.03415	0.10000	0.00000	544395.56700	0.03415	0.5000
4362:	80	12	69	79	12	68	544405.72407	544405.70992	0.01415	0.10000	0.00000	544405.70992	0.01415	0.5000
4363:	80	11	69	79	11	68	544405.72407	544405.71911	0.00496	0.10000	0.00000	544405.71911	0.00496	0.5000
4364:	80	12	69	79	11	68	544405.72407	544405.73084	-0.00677	0.10000	0.00000	544405.73084	-0.00677	0.5000
4365:	80	11	69	79	12	68	544405.72407	544405.69818	0.02589	0.10000	0.00000	544405.69818	0.02589	0.5000

4366:	81	10	71	80	11	70	544448.23056	544448.16731	0.06325	0.10000	0.00000	544448.16787	0.06269	0.2500
4367:	81	11	71	80	11	70	544448.23056	544448.16771	0.06285	0.10000	0.00000	544448.16787	0.06269	0.2500
4368:	81	10	71	80	10	70	544448.23056	544448.16804	0.06252	0.10000	0.00000	544448.16787	0.06269	0.2500
4369:	81	11	71	80	10	70	544448.23056	544448.16844	0.06212	0.10000	0.00000	544448.16787	0.06269	0.2500
4370:	76	30	47	75	30	46	544513.03681	544513.26751	-0.23069	0.10000	0.00000	544513.26751	-0.23069	0.5000
4371:	76	30	46	75	30	45	544513.03681	544513.26751	-0.23070	0.10000	0.00000	544513.26751	-0.23069	0.5000
4372:	82	9	73	81	9	72	544586.13536	544586.12374	0.01162	0.10000	0.00000	544586.12374	0.01162	0.3333
4373:	82	10	73	81	9	72	544586.13536	544586.12375	0.01161	0.10000	0.00000	544586.12374	0.01162	0.3333
4374:	82	10	73	81	10	72	544586.13536	544586.12373	0.01163	0.10000	0.00000	544586.12374	0.01162	0.3333
4375:	83	8	75	82	9	74	544790.76589	544790.76535	0.00054	0.10000	0.00000	544790.76535	0.00054	0.2500
4376:	83	9	75	82	8	74	544790.76589	544790.76535	0.00054	0.10000	0.00000	544790.76535	0.00054	0.2500
4377:	83	9	75	82	9	74	544790.76589	544790.76535	0.00054	0.10000	0.00000	544790.76535	0.00054	0.2500
4378:	83	8	75	82	8	74	544790.76589	544790.76535	0.00054	0.10000	0.00000	544790.76535	0.00054	0.2500
4379:	78	14	65	77	14	64	544813.80103	544813.78794	0.01309	0.10000	0.00000	544790.76535	0.00054	0.2500
4380:	78	13	65	77	13	64	544817.67446	544817.63460	0.03985	0.10000	0.00000			
4381:	75	23	53	74	23	52	544956.40914	544956.48284	-0.07370	0.10000	0.00000			
4382:	75	23	52	74	23	51	544967.52811	544967.47645	0.05166	0.10000	0.00000			
4383:	36	21	16	35	20	15	544989.61525	544989.60709	0.00815	0.10000	0.00000	544989.60709	0.00815	0.5000
4384:	36	21	15	35	20	16	544989.61525	544989.60709	0.00815	0.10000	0.00000	544989.60709	0.00815	0.5000
4385:	84	7	77	83	7	76	545042.63068	545042.60529	0.02540	0.10000	0.00000	545042.60529	0.02540	0.2500
4386:	84	7	77	83	8	76	545042.63068	545042.60529	0.02540	0.10000	0.00000	545042.60529	0.02540	0.2500
4387:	84	8	77	83	7	76	545042.63068	545042.60529	0.02540	0.10000	0.00000	545042.60529	0.02540	0.2500
4388:	84	8	77	83	8	76	545042.63068	545042.60529	0.02540	0.10000	0.00000	545042.60529	0.02540	0.2500
4389:	34	22	13	33	21	12	545154.50556	545154.84992	-0.34436	0.10000	0.00000	545154.84992	-0.34436	0.5000
4390:	34	22	12	33	21	13	545154.50556	545154.84992	-0.34436	0.10000	0.00000	545154.84992	-0.34436	0.5000
4391:	74	18	57	73	18	56	545233.98478	545234.22917	-0.24439	0.10000	0.00000			
4392:	32	23	10	31	22	9	545249.38583	545249.35493	0.03090	0.10000	0.00000	545249.35493	0.03090	0.5000
4393:	32	23	9	31	22	10	545249.38583	545249.35493	0.03090	0.10000	0.00000	545249.35493	0.03090	0.5000
4394:	76	29	48	75	29	47	545271.73374	545271.65963	0.07410	0.10000	0.00000	545271.65964	0.07410	0.5000
4395:	76	29	47	75	29	46	545271.73374	545271.65964	0.07410	0.10000	0.00000	545271.65964	0.07410	0.5000
4396:	30	24	6	29	23	7	545302.26383	545302.31545	-0.05162	0.10000	0.00000	545302.31545	-0.05162	0.5000
4397:	30	24	7	29	23	6	545302.26383	545302.31545	-0.05162	0.10000	0.00000	545302.31545	-0.05162	0.5000
4398:	85	6	79	84	7	78	545328.01471	545327.98306	0.03165	0.10000	0.00000	545327.98306	0.03165	0.3333
4399:	85	7	79	84	7	78	545328.01471	545327.98306	0.03165	0.10000	0.00000	545327.98306	0.03165	0.3333
4400:	85	6	79	84	6	78	545328.01471	545327.98306	0.03165	0.10000	0.00000	545327.98306	0.03165	0.3333
4401:	28	25	4	27	24	3	545332.14869	545332.06809	0.08060	0.10000	0.00000	545332.06809	0.08060	0.5000
4402:	28	25	3	27	24	4	545332.14869	545332.06809	0.08060	0.10000	0.00000	545332.06809	0.08060	0.5000
4403:	26	26	0	25	25	1	545350.04384	545350.03849	0.00534	0.10000	0.00000	545350.03849	0.00534	0.5000
4404:	26	26	1	25	25	0	545350.04384	545350.03849	0.00534	0.10000	0.00000	545350.03849	0.00534	0.5000
4405:	77	15	63	76	15	62	545450.94737	545451.20029	-0.25292	0.10000	0.00000			
4406:	77	14	63	76	14	62	545507.30070	545507.32394	-0.02324	0.10000	0.00000			
4407:	86	5	81	85	6	80	545637.00953	545637.05350	-0.04396	0.10000	0.00000	545637.05350	-0.04396	0.2500
4408:	86	6	81	85	5	80	545637.00953	545637.05350	-0.04396	0.10000	0.00000	545637.05350	-0.04396	0.2500
4409:	86	6	81	85	6	80	545637.00953	545637.05350	-0.04396	0.10000	0.00000	545637.05350	-0.04396	0.2500
4410:	86	5	81	85	5	80	545637.00953	545637.05350	-0.04396	0.10000	0.00000	545637.05350	-0.04396	0.2500
4411:	74	19	56	73	19	55	545891.48031	545891.56154	-0.08122	0.10000	0.00000			
4412:	87	4	83	86	4	82	545962.45328	545962.56362	-0.11034	0.10000	0.00000	545962.56362	-0.11034	0.2500
4413:	87	4	83	86	5	82	545962.45328	545962.56362	-0.11034	0.10000	0.00000	545962.56362	-0.11034	0.2500
4414:	87	5	83	86	4	82	545962.45328	545962.56362	-0.11034	0.10000	0.00000	545962.56362	-0.11034	0.2500

4415:	87	5	83	86	5	82	545962.45328	545962.56362	-0.11034	0.10000	0.00000	545962.56362	-0.11034	0.2500
4416:	76	28	48	75	28	47	546122.52092	546122.52389	-0.00297	0.10000	0.00000	546122.52384	-0.00291	0.5000
4417:	76	28	49	75	28	48	546122.52092	546122.52379	-0.00286	0.10000	0.00000	546122.52384	-0.00291	0.5000
4418:	88	3	85	87	3	84	546299.03502	546299.07474	-0.03973	0.10000	0.00000	546299.07474	-0.03973	0.2500
4419:	88	3	85	87	4	84	546299.03502	546299.07474	-0.03973	0.10000	0.00000	546299.07474	-0.03973	0.2500
4420:	88	4	85	87	3	84	546299.03502	546299.07474	-0.03973	0.10000	0.00000	546299.07474	-0.03973	0.2500
4421:	88	4	85	87	4	84	546299.03502	546299.07474	-0.03973	0.10000	0.00000	546299.07474	-0.03973	0.2500
4422:	89	2	87	88	3	86	546642.44054	546642.44922	-0.00867	0.10000	0.00000	546642.44922	-0.00867	0.2500
4423:	89	3	87	88	2	86	546642.44054	546642.44922	-0.00867	0.10000	0.00000	546642.44922	-0.00867	0.2500
4424:	89	3	87	88	3	86	546642.44054	546642.44922	-0.00867	0.10000	0.00000	546642.44922	-0.00867	0.2500
4425:	89	2	87	88	2	86	546642.44054	546642.44922	-0.00867	0.10000	0.00000	546642.44922	-0.00867	0.2500
4426:	90	1	89	89	1	88	546989.49981	546989.50137	-0.00156	0.10000	0.00000	546989.50137	-0.00156	0.2500
4427:	90	1	89	89	2	88	546989.49981	546989.50137	-0.00156	0.10000	0.00000	546989.50137	-0.00156	0.2500
4428:	90	2	89	89	1	88	546989.49981	546989.50137	-0.00156	0.10000	0.00000	546989.50137	-0.00156	0.2500
4429:	90	2	89	89	2	88	546989.49981	546989.50137	-0.00156	0.10000	0.00000	546989.50137	-0.00156	0.2500
4430:	75	22	54	74	22	53	547016.57439	547016.62801	-0.05362	0.10000	0.00000	547016.62801	-0.05362	0.2500
4431:	76	27	49	75	27	48	547085.45844	547085.47404	-0.01560	0.10000	0.00000	547085.47404	-0.01560	0.2500
4432:	76	27	50	75	27	49	547085.45844	547085.47258	-0.01414	0.10000	0.00000	547085.47258	-0.01414	0.2500
4433:	75	22	53	74	22	52	547104.30723	547104.28159	0.02564	0.10000	0.00000	547104.28159	0.02564	0.2500
4434:	76	15	61	75	15	60	547107.08457	547107.02112	0.06346	0.10000	0.00000	547107.02112	0.06346	0.2500
4435:	75	17	59	74	17	58	547267.16968	547267.19106	-0.02138	0.10000	0.00000	547267.19106	-0.02138	0.2500
4436:	91	0	91	90	1	90	547337.76779	547337.75398	0.01381	0.10000	0.00000	547337.75398	0.01381	0.2500
4437:	91	1	91	90	0	90	547337.76779	547337.75398	0.01381	0.10000	0.00000	547337.75398	0.01381	0.2500
4438:	91	1	91	90	1	90	547337.76779	547337.75398	0.01381	0.10000	0.00000	547337.75398	0.01381	0.2500
4439:	91	0	91	90	0	90	547337.76779	547337.75398	0.01381	0.10000	0.00000	547337.75398	0.01381	0.2500
4440:	74	16	58	73	16	57	547396.45086	547396.38332	0.06755	0.10000	0.00000	547396.38332	0.06755	0.2500
4441:	77	37	40	76	37	39	548088.92170	548089.39852	-0.47683	0.10000	0.00000	548089.39852	-0.47683	0.5000
4442:	77	37	41	76	37	40	548088.92170	548089.39852	-0.47683	0.10000	0.00000	548089.39852	-0.47683	0.5000
4443:	72	17	55	71	17	54	548098.83739	548098.85863	-0.02124	0.10000	0.00000	548098.85863	-0.02124	0.2500
4444:	76	26	50	75	26	49	548186.57475	548186.65360	-0.07885	0.10000	0.00000	548186.65360	-0.07885	0.5000
4445:	76	26	51	75	26	50	548186.57475	548186.63498	-0.06023	0.10000	0.00000	548186.63498	-0.06023	0.5000
4446:	77	36	42	76	36	41	548506.28978	548506.53950	-0.24972	0.10000	0.00000	548506.53950	-0.24972	0.5000
4447:	77	36	41	76	36	40	548506.28978	548506.53950	-0.24972	0.10000	0.00000	548506.53950	-0.24972	0.5000
4448:	77	34	43	76	34	42	549445.84746	549445.87532	-0.02786	0.10000	0.00000	549445.87532	-0.02786	0.5000
4449:	77	34	44	76	34	43	549445.84746	549445.87532	-0.02786	0.10000	0.00000	549445.87532	-0.02786	0.5000
4450:	75	21	55	74	21	54	549483.00118	549482.97789	0.02330	0.10000	0.00000	549482.97789	0.02330	0.2500
4451:	77	33	45	76	33	44	549978.60824	549978.41421	0.19403	0.10000	0.00000	549978.41421	0.19403	0.5000
4452:	77	33	44	76	33	43	549978.60824	549978.41421	0.19403	0.10000	0.00000	549978.41421	0.19403	0.5000
4453:	75	21	54	74	21	53	550070.19459	550070.11995	0.07465	0.10000	0.00000	550070.11995	0.07465	0.2500
4454:	43	18	25	42	17	26	550230.20947	550230.16186	0.04761	0.10000	0.00000	550230.16186	0.04761	0.5000
4455:	43	18	26	42	17	25	550230.20947	550230.13772	0.07175	0.10000	0.00000	550230.13772	0.07175	0.5000
4456:	81	11	70	80	12	69	550323.28968	550323.15326	0.13642	0.10000	0.00000	550323.15326	0.13642	0.2500
4457:	81	12	70	80	12	69	550323.28968	550323.15982	0.12986	0.10000	0.00000	550323.15982	0.12986	0.2500
4458:	81	11	70	80	11	69	550323.28968	550323.16499	0.12469	0.10000	0.00000	550323.16499	0.12469	0.2500
4459:	81	12	70	80	11	69	550323.28968	550323.17155	0.11813	0.10000	0.00000	550323.17155	0.11813	0.2500
4460:	82	11	72	81	11	71	550379.08176	550379.37248	-0.29072	0.10000	0.00000	550379.37248	-0.29072	0.2500
4461:	82	10	72	81	10	71	550379.08176	550379.37266	-0.29090	0.10000	0.00000	550379.37266	-0.29090	0.2500
4462:	82	11	72	81	10	71	550379.08176	550379.37288	-0.29112	0.10000	0.00000	550379.37288	-0.29112	0.2500
4463:	82	10	72	81	11	71	550379.08176	550379.37226	-0.29050	0.10000	0.00000	550379.37226	-0.29050	0.2500

4464:	80	12	68	79	13	67	550398.67309	550398.60580	0.06729	0.10000	0.00000	550398.82892	-0.15583	0.2500
4465:	80	13	68	79	13	67	550398.67309	550398.76845	-0.09536	0.10000	0.00000	550398.82892	-0.15583	0.2500
4466:	80	12	68	79	12	67	550398.67309	550398.88940	-0.21631	0.10000	0.00000	550398.82892	-0.15583	0.2500
4467:	80	13	68	79	12	67	550398.67309	550399.05205	-0.37896	0.10000	0.00000	550398.82892	-0.15583	0.2500
4468:	83	9	74	82	10	73	550526.10709	550526.12006	-0.01296	0.10000	0.00000	550526.12006	-0.01297	0.2500
4469:	83	10	74	82	9	73	550526.10709	550526.12007	-0.01298	0.10000	0.00000	550526.12006	-0.01297	0.2500
4470:	83	10	74	82	10	73	550526.10709	550526.12006	-0.01297	0.10000	0.00000	550526.12006	-0.01297	0.2500
4471:	83	9	74	82	9	73	550526.10709	550526.12007	-0.01297	0.10000	0.00000	550526.12006	-0.01297	0.2500
4472:	79	14	66	78	14	65	550672.59999	550672.78488	-0.18489	0.10000	0.00000			
4473:	79	13	66	78	13	65	550675.19009	550675.08397	0.10612	0.10000	0.00000			
4474:	84	8	76	83	8	75	550736.42452	550736.45847	-0.03395	0.10000	0.00000	550736.45847	-0.03395	0.2500
4475:	84	8	76	83	9	75	550736.42452	550736.45847	-0.03395	0.10000	0.00000	550736.45847	-0.03395	0.2500
4476:	84	9	76	83	8	75	550736.42452	550736.45847	-0.03395	0.10000	0.00000	550736.45847	-0.03395	0.2500
4477:	84	9	76	83	9	75	550736.42452	550736.45847	-0.03395	0.10000	0.00000	550736.45847	-0.03395	0.2500
4478:	85	7	78	84	8	77	550992.04710	550992.00704	0.04007	0.10000	0.00000	550992.00704	0.04007	0.2500
4479:	85	8	78	84	7	77	550992.04710	550992.00704	0.04007	0.10000	0.00000	550992.00704	0.04007	0.2500
4480:	85	8	78	84	8	77	550992.04710	550992.00704	0.04007	0.10000	0.00000	550992.00704	0.04007	0.2500
4481:	85	7	78	84	7	77	550992.04710	550992.00704	0.04007	0.10000	0.00000	550992.00704	0.04007	0.2500
4482:	41	19	22	40	18	23	551126.60955	551126.60868	0.00086	0.10000	0.00000	551126.60859	0.00096	0.5000
4483:	41	19	23	40	18	22	551126.60955	551126.60849	0.00106	0.10000	0.00000	551126.60859	0.00096	0.5000
4484:	78	15	64	77	15	63	551252.50794	551252.47527	0.03267	0.10000	0.00000			
4485:	86	6	80	85	6	79	551279.79392	551279.79201	0.00191	0.10000	0.00000	551279.79201	0.00191	0.2500
4486:	86	6	80	85	7	79	551279.79392	551279.79201	0.00191	0.10000	0.00000	551279.79201	0.00191	0.2500
4487:	86	7	80	85	6	79	551279.79392	551279.79201	0.00191	0.10000	0.00000	551279.79201	0.00191	0.2500
4488:	86	7	80	85	7	79	551279.79392	551279.79201	0.00191	0.10000	0.00000	551279.79201	0.00191	0.2500
4489:	78	14	64	77	14	63	551287.37784	551287.35237	0.02547	0.10000	0.00000			
4490:	87	5	82	86	6	81	551590.40396	551590.40974	-0.00578	0.10000	0.00000	551590.40974	-0.00578	0.2500
4491:	87	6	82	86	5	81	551590.40396	551590.40974	-0.00578	0.10000	0.00000	551590.40974	-0.00578	0.2500
4492:	87	6	82	86	6	81	551590.40396	551590.40974	-0.00578	0.10000	0.00000	551590.40974	-0.00578	0.2500
4493:	87	5	82	86	5	81	551590.40396	551590.40974	-0.00578	0.10000	0.00000	551590.40974	-0.00578	0.2500
4494:	39	20	19	38	19	20	551665.92191	551666.04052	-0.11861	0.10000	0.00000	551666.04052	-0.11861	0.5000
4495:	39	20	20	38	19	19	551665.92191	551666.04052	-0.11861	0.10000	0.00000	551666.04052	-0.11861	0.5000
4496:	75	16	59	74	16	58	551849.54530	551849.52076	0.02453	0.10000	0.00000			
4497:	77	30	48	76	30	47	551914.17170	551914.20598	-0.03428	0.10000	0.00000	551914.20598	-0.03428	0.5000
4498:	77	30	47	76	30	46	551914.17170	551914.20598	-0.03428	0.10000	0.00000	551914.20598	-0.03428	0.5000
4499:	88	4	84	87	4	83	551916.90817	551916.89878	0.00939	0.10000	0.00000	551916.89878	0.00939	0.2500
4500:	88	4	84	87	5	83	551916.90817	551916.89878	0.00939	0.10000	0.00000	551916.89878	0.00939	0.2500
4501:	88	5	84	87	4	83	551916.90817	551916.89878	0.00939	0.10000	0.00000	551916.89878	0.00939	0.2500
4502:	88	5	84	87	5	83	551916.90817	551916.89878	0.00939	0.10000	0.00000	551916.89878	0.00939	0.2500
4503:	37	21	17	36	20	16	551989.19789	551989.51126	-0.31337	0.10000	0.00000	551989.51126	-0.31337	0.5000
4504:	37	21	16	36	20	17	551989.19789	551989.51126	-0.31337	0.10000	0.00000	551989.51126	-0.31337	0.5000
4505:	75	18	58	74	18	57	552007.82713	552007.79850	0.02864	0.10000	0.00000			
4506:	75	20	56	74	20	55	552041.93188	552041.90666	0.02522	0.10000	0.00000			
4507:	35	22	13	34	21	14	552180.87516	552180.88825	-0.01309	0.10000	0.00000	552180.88825	-0.01309	0.5000
4508:	35	22	14	34	21	13	552180.87516	552180.88825	-0.01309	0.10000	0.00000	552180.88825	-0.01309	0.5000
4509:	89	3	86	88	4	85	552254.00636	552254.01680	-0.01045	0.10000	0.00000	552254.01680	-0.01045	0.2500
4510:	89	4	86	88	3	85	552254.00636	552254.01680	-0.01045	0.10000	0.00000	552254.01680	-0.01045	0.2500
4511:	89	4	86	88	4	85	552254.00636	552254.01680	-0.01045	0.10000	0.00000	552254.01680	-0.01045	0.2500
4512:	89	3	86	88	3	85	552254.00636	552254.01680	-0.01045	0.10000	0.00000	552254.01680	-0.01045	0.2500

4513:	33	23	10	32	22	11	552291.81750	552291.80887	0.00863	0.10000	0.00000	552291.80887	0.00863	0.5000
4514:	33	23	11	32	22	10	552291.81750	552291.80887	0.00863	0.10000	0.00000	552291.80887	0.00863	0.5000
4515:	31	24	8	30	23	7	552354.43161	552354.67966	-0.24805	0.10000	0.00000	552354.67966	-0.24805	0.5000
4516:	31	24	7	30	23	8	552354.43161	552354.67966	-0.24805	0.10000	0.00000	552354.67966	-0.24805	0.5000
4517:	29	25	5	28	24	4	552389.92914	552389.98021	-0.05107	0.10000	0.00000	552389.98021	-0.05107	0.5000
4518:	29	25	4	28	24	5	552389.92914	552389.98021	-0.05107	0.10000	0.00000	552389.98021	-0.05107	0.5000
4519:	27	26	1	26	25	2	552410.58242	552410.59734	-0.01492	0.10000	0.00000	552410.59734	-0.01492	0.5000
4520:	27	26	2	26	25	1	552410.58242	552410.59734	-0.01492	0.10000	0.00000	552410.59734	-0.01492	0.5000
4521:	90	2	88	89	3	87	552597.83993	552597.76031	0.07962	0.10000	0.00000	552597.76031	0.07962	0.2500
4522:	90	3	88	89	2	87	552597.83993	552597.76031	0.07962	0.10000	0.00000	552597.76031	0.07962	0.2500
4523:	90	3	88	89	3	87	552597.83993	552597.76031	0.07962	0.10000	0.00000	552597.76031	0.07962	0.2500
4524:	90	2	88	89	2	87	552597.83993	552597.76031	0.07962	0.10000	0.00000	552597.76031	0.07962	0.2500
4525:	77	15	62	76	15	61	552646.74503	552646.74647	-0.00144	0.10000	0.00000	552646.74647	-0.00144	0.2500
4526:	77	29	49	76	29	48	552706.64901	552706.66716	-0.01814	0.10000	0.00000	552706.66716	-0.01814	0.5000
4527:	77	29	48	76	29	47	552706.64901	552706.66717	-0.01816	0.10000	0.00000	552706.66716	-0.01815	0.5000
4528:	76	23	53	75	23	52	552781.11813	552781.03110	0.08703	0.10000	0.00000	552781.03110	0.08703	0.2500
4529:	91	1	90	90	2	89	552945.08908	552945.03610	0.05298	0.10000	0.00000	552945.03610	0.05298	0.2500
4530:	91	2	90	90	1	89	552945.08908	552945.03610	0.05298	0.10000	0.00000	552945.03610	0.05298	0.2500
4531:	91	2	90	90	2	89	552945.08908	552945.03610	0.05298	0.10000	0.00000	552945.03610	0.05298	0.2500
4532:	91	1	90	90	1	89	552945.08908	552945.03610	0.05298	0.10000	0.00000	552945.03610	0.05298	0.2500
4533:	76	17	60	75	17	59	553224.46677	553224.38628	0.08049	0.10000	0.00000	553224.38628	0.08049	0.2500
4534:	92	0	92	91	1	91	553293.52261	553293.43097	0.09164	0.10000	0.00000	553293.43097	0.09164	0.2500
4535:	92	1	92	91	0	91	553293.52261	553293.43097	0.09164	0.10000	0.00000	553293.43097	0.09164	0.2500
4536:	92	1	92	91	1	91	553293.52261	553293.43097	0.09164	0.10000	0.00000	553293.43097	0.09164	0.2500
4537:	92	0	92	91	0	91	553293.52261	553293.43097	0.09164	0.10000	0.00000	553293.43097	0.09164	0.2500
4538:	75	19	57	74	19	56	553469.92597	553469.74443	0.18155	0.10000	0.00000	553469.74443	0.18155	0.2500
4539:	77	28	50	76	28	49	553596.99638	553596.98052	0.01586	0.10000	0.00000	553596.98052	0.01586	0.5000
4540:	77	28	49	76	28	48	553596.99638	553596.98073	0.01565	0.10000	0.00000	553596.98073	0.01565	0.5000
4541:	73	18	55	72	18	54	553941.99249	553941.75727	0.23522	0.10000	0.00000	553941.75727	0.23522	0.2500
4542:	74	19	55	73	19	54	554271.00755	554270.97783	0.02973	0.10000	0.00000	554270.97783	0.02973	0.2500
4543:	73	17	56	72	17	55	554538.07419	554538.01766	0.05654	0.10000	0.00000	554538.01766	0.05654	0.2500
4544:	77	27	50	76	27	49	554606.29149	554606.29626	-0.00477	0.10000	0.00000	554606.29626	-0.00477	0.5000
4545:	77	27	51	76	27	50	554606.29149	554606.29336	-0.00187	0.10000	0.00000	554606.29336	-0.00187	0.5000
4546:	78	38	40	77	38	39	554941.15853	554941.00600	0.15252	0.10000	0.00000	554941.00600	0.15252	0.5000
4547:	78	38	41	77	38	40	554941.15853	554941.00600	0.15252	0.10000	0.00000	554941.00600	0.15252	0.5000
4548:	76	22	55	75	22	54	554948.40657	554948.48348	-0.07691	0.10000	0.00000	554948.48348	-0.07691	0.2500
4549:	76	22	54	75	22	53	555092.75056	555092.70118	0.04938	0.10000	0.00000	555092.70118	0.04938	0.2500
4550:	75	20	55	74	20	54	555145.46107	555145.49002	-0.02895	0.10000	0.00000	555145.49002	-0.02895	0.2500
4551:	46	17	30	45	16	29	555305.63981	555305.62947	0.01034	0.10000	0.00000	555305.62947	0.01034	0.2500
4552:	46	17	29	45	16	30	555309.14827	555309.39244	-0.24417	0.10000	0.00000	555309.39244	-0.24417	0.2500
4553:	77	26	51	76	26	50	555763.05138	555763.01469	0.03670	0.10000	0.00000	555763.01469	0.03670	0.2500
4554:	78	36	43	77	36	42	555776.32721	555776.81571	-0.48850	0.10000	0.00000	555776.81571	-0.48850	0.5000
4555:	78	36	42	77	36	41	555776.32721	555776.81571	-0.48850	0.10000	0.00000	555776.81571	-0.48850	0.5000
4556:	82	11	71	81	12	70	556241.72823	556241.71966	0.00858	0.10000	0.00000	556241.71966	0.00858	0.2500
4557:	82	12	71	81	12	70	556241.72823	556241.72331	0.00492	0.10000	0.00000	556241.72331	0.00492	0.2500
4558:	82	11	71	81	11	70	556241.72823	556241.72622	0.00201	0.10000	0.00000	556241.72622	0.00201	0.2500
4559:	82	12	71	81	11	70	556241.72823	556241.72987	-0.00164	0.10000	0.00000	556241.72987	-0.00164	0.2500
4560:	78	35	44	77	35	43	556244.71039	556245.14610	-0.43570	0.10000	0.00000	556245.14610	-0.43570	0.5000
4561:	78	35	43	77	35	42	556244.71039	556245.14610	-0.43570	0.10000	0.00000	556245.14610	-0.43570	0.5000

4562:	81	12	69	80	13	68	556296.86350	556296.75632	0.10718	0.10000	0.00000	556296.88411	-0.02061	0.2500
4563:	81	13	69	80	13	68	556296.86350	556296.84925	0.01425	0.10000	0.00000	556296.88411	-0.02061	0.2500
4564:	81	12	69	80	12	68	556296.86350	556296.91897	-0.05547	0.10000	0.00000	556296.88411	-0.02061	0.2500
4565:	81	13	69	80	12	68	556296.86350	556297.01190	-0.14840	0.10000	0.00000	556296.88411	-0.02061	0.2500
4566:	84	10	75	83	9	74	556465.82824	556465.86856	-0.04031	0.10000	0.00000	556465.86855	-0.04031	0.3333
4567:	84	10	75	83	10	74	556465.82824	556465.86855	-0.04031	0.10000	0.00000	556465.86855	-0.04031	0.3333
4568:	84	9	75	83	10	74	556465.82824	556465.86855	-0.04030	0.10000	0.00000	556465.86855	-0.04031	0.3333
4569:	85	8	77	84	8	76	556681.62591	556681.61518	0.01073	0.10000	0.00000	556681.61518	0.01073	0.2500
4570:	85	8	77	84	9	76	556681.62591	556681.61518	0.01073	0.10000	0.00000	556681.61518	0.01073	0.2500
4571:	85	9	77	84	8	76	556681.62591	556681.61518	0.01073	0.10000	0.00000	556681.61518	0.01073	0.2500
4572:	85	9	77	84	9	76	556681.62591	556681.61518	0.01073	0.10000	0.00000	556681.61518	0.01073	0.2500
4573:	78	34	45	77	34	44	556753.36319	556753.46759	-0.10440	0.10000	0.00000	556753.46759	-0.10440	0.5000
4574:	78	34	44	77	34	43	556753.36319	556753.46759	-0.10440	0.10000	0.00000	556753.46759	-0.10440	0.5000
4575:	44	18	27	43	17	26	556994.68327	556994.75136	-0.06809	0.10000	0.00000	556994.77859	-0.09532	0.5000
4576:	44	18	26	43	17	27	556994.68327	556994.80582	-0.12255	0.10000	0.00000	556994.77859	-0.09532	0.5000
4577:	79	14	65	78	14	64	557084.31841	557084.22002	0.09839	0.10000	0.00000			
4578:	77	25	52	76	25	51	557106.66591	557106.79984	-0.13393	0.10000	0.00000	557106.60499	0.06092	0.5000
4579:	77	25	53	76	25	52	557106.66591	557106.41014	0.25577	0.10000	0.00000	557106.60499	0.06092	0.5000
4580:	87	6	81	86	6	80	557230.81414	557230.79579	0.01834	0.10000	0.00000	557230.79579	0.01834	0.2500
4581:	87	6	81	86	7	80	557230.81414	557230.79579	0.01834	0.10000	0.00000	557230.79579	0.01834	0.2500
4582:	87	7	81	86	6	80	557230.81414	557230.79579	0.01834	0.10000	0.00000	557230.79579	0.01834	0.2500
4583:	87	7	81	86	7	80	557230.81414	557230.79579	0.01834	0.10000	0.00000	557230.79579	0.01834	0.2500
4584:	78	33	46	77	33	45	557307.48760	557307.71619	-0.22859	0.10000	0.00000	557307.71619	-0.22859	0.5000
4585:	78	33	47	77	33	44	557307.48760	557307.71619	-0.22859	0.10000	0.00000	557307.71619	-0.22859	0.5000
4586:	76	21	56	75	21	55	557620.00973	557620.05018	-0.04044	0.10000	0.00000			
4587:	88	5	83	87	5	82	557642.84600	557642.90426	-0.05826	0.10000	0.00000	557642.90426	-0.05826	0.3333
4588:	88	5	83	87	6	82	557642.84600	557642.90426	-0.05826	0.10000	0.00000	557642.90426	-0.05826	0.3333
4589:	88	6	83	87	5	82	557642.84600	557642.90426	-0.05826	0.10000	0.00000	557642.90426	-0.05826	0.3333
4590:	89	4	85	88	5	84	557870.30690	557870.34138	-0.03449	0.10000	0.00000	557870.34138	-0.03449	0.2500
4591:	89	5	85	88	4	84	557870.30690	557870.34138	-0.03449	0.10000	0.00000	557870.34138	-0.03449	0.2500
4592:	89	5	85	88	5	84	557870.30690	557870.34138	-0.03449	0.10000	0.00000	557870.34138	-0.03449	0.2500
4593:	89	4	85	88	4	84	557870.30690	557870.34138	-0.03449	0.10000	0.00000	557870.34138	-0.03449	0.2500
4594:	78	32	46	77	32	45	557914.94794	557915.04946	-0.10152	0.10000	0.00000	557915.04946	-0.10152	0.5000
4595:	78	32	47	77	32	46	557914.94794	557915.04946	-0.10152	0.10000	0.00000	557915.04946	-0.10152	0.5000
4596:	78	16	63	77	16	62	557991.71523	557991.84460	-0.12937	0.10000	0.00000			
4597:	42	19	23	41	18	24	558001.89373	558001.73537	0.15836	0.10000	0.00000	558001.73512	0.15861	0.5000
4598:	42	19	24	41	18	23	558001.89373	558001.73488	0.15885	0.10000	0.00000	558001.73512	0.15861	0.5000
4599:	90	3	87	89	3	86	558208.09210	558208.05086	0.04124	0.10000	0.00000	558208.05086	0.04124	0.2500
4600:	90	3	87	89	4	86	558208.09210	558208.05086	0.04124	0.10000	0.00000	558208.05086	0.04124	0.2500
4601:	90	4	87	89	3	86	558208.09210	558208.05086	0.04124	0.10000	0.00000	558208.05086	0.04124	0.2500
4602:	90	4	87	89	4	86	558208.09210	558208.05086	0.04124	0.10000	0.00000	558208.05086	0.04124	0.2500
4603:	78	15	63	77	15	62	558255.17307	558255.11075	0.06232	0.10000	0.00000			
4604:	91	2	89	90	3	88	558552.11920	558552.15686	-0.03766	0.10000	0.00000	558552.15686	-0.03766	0.2500
4605:	91	3	89	90	2	88	558552.11920	558552.15686	-0.03766	0.10000	0.00000	558552.15686	-0.03766	0.2500
4606:	91	3	89	90	3	88	558552.11920	558552.15686	-0.03766	0.10000	0.00000	558552.15686	-0.03766	0.2500
4607:	91	2	89	90	2	88	558552.11920	558552.15686	-0.03766	0.10000	0.00000	558552.15686	-0.03766	0.2500
4608:	78	31	47	77	31	46	558584.07644	558584.19932	-0.12288	0.10000	0.00000	558584.19932	-0.12288	0.5000
4609:	78	31	48	77	31	47	558584.07644	558584.19932	-0.12288	0.10000	0.00000	558584.19932	-0.12288	0.5000
4610:	40	20	21	39	19	20	558611.13900	558611.14978	-0.01078	0.10000	0.00000	558611.14978	-0.01079	0.5000

4611:	40	20	20	39	19	21	558611.13900	558611.14978	-0.01079	0.10000	0.00000	558611.14978	-0.01079	0.5000
4612:	77	24	54	76	24	53	558693.10337	558692.98782	0.11554	0.10000	0.00000			
4613:	77	24	53	76	24	52	558696.84516	558696.77485	0.07030	0.10000	0.00000			
4614:	92	1	91	91	2	90	558899.66442	558899.65459	0.00983	0.10000	0.00000	558899.65459	0.00983	0.3333
4615:	92	2	91	91	1	90	558899.66442	558899.65459	0.00983	0.10000	0.00000	558899.65459	0.00983	0.3333
4616:	92	2	91	91	2	90	558899.66442	558899.65459	0.00983	0.10000	0.00000	558899.65459	0.00983	0.3333
4617:	38	21	18	37	20	17	558979.69976	558979.73729	-0.03753	0.10000	0.00000	558979.73729	-0.03753	0.5000
4618:	38	21	17	37	20	18	558979.69976	558979.73729	-0.03753	0.10000	0.00000	558979.73729	-0.03753	0.5000
4619:	77	17	61	76	17	60	559096.95153	559096.89823	0.05330	0.10000	0.00000			
4620:	36	22	15	35	21	14	559200.22960	559200.23328	-0.00369	0.10000	0.00000	559200.23328	-0.00369	0.5000
4621:	36	22	14	35	21	15	559200.22960	559200.23328	-0.00369	0.10000	0.00000	559200.23328	-0.00369	0.5000
4622:	93	0	93	92	1	92	559248.18208	559248.19229	-0.01021	0.10000	0.00000	559248.19229	-0.01021	0.3333
4623:	93	1	93	92	1	92	559248.18208	559248.19229	-0.01021	0.10000	0.00000	559248.19229	-0.01021	0.3333
4624:	93	0	93	92	0	92	559248.18208	559248.19229	-0.01021	0.10000	0.00000	559248.19229	-0.01021	0.3333
4625:	78	30	48	77	30	47	559325.99503	559325.96485	0.03018	0.10000	0.00000	559325.96485	0.03018	0.5000
4626:	78	30	49	77	30	48	559325.99503	559325.96485	0.03018	0.10000	0.00000	559325.96485	0.03018	0.5000
4627:	34	23	12	33	22	11	559329.65493	559329.68965	-0.03472	0.10000	0.00000	559329.68965	-0.03472	0.5000
4628:	34	23	11	33	22	12	559329.65493	559329.68965	-0.03472	0.10000	0.00000	559329.68965	-0.03472	0.5000
4629:	32	24	8	31	23	9	559403.97583	559403.99071	-0.01488	0.10000	0.00000	559403.99071	-0.01488	0.5000
4630:	30	25	6	29	24	5	559445.88658	559445.92950	-0.04292	0.10000	0.00000	559445.92950	-0.04292	0.5000
4631:	30	25	5	29	24	6	559445.88658	559445.92950	-0.04292	0.10000	0.00000	559445.92950	-0.04292	0.5000
4632:	28	26	2	27	25	3	559469.95648	559469.96925	-0.01277	0.10000	0.00000	559469.96925	-0.01277	0.5000
4633:	28	26	3	27	25	2	559469.95648	559469.96925	-0.01277	0.10000	0.00000	559469.96925	-0.01277	0.5000
4634:	76	20	57	75	20	56	559985.76281	559985.76281	0.02268	0.10000	0.00000			
4635:	74	17	57	73	17	56	560165.75219	560165.54896	0.20323	0.10000	0.00000			
4636:	77	23	55	76	23	54	560602.22706	560602.21800	0.00906	0.10000	0.00000			
4637:	77	23	54	76	23	53	560634.37166	560634.39417	-0.02251	0.10000	0.00000			
4638:	76	19	58	75	19	57	560879.03045	560878.96684	0.06361	0.10000	0.00000			
4639:	78	28	50	77	28	49	561085.40868	561085.45965	-0.05097	0.10000	0.00000			
4640:	78	28	51	77	28	50	561085.40868	561085.45922	-0.05054	0.10000	0.00000			
4641:	77	16	61	76	16	60	561406.97033	561407.03563	-0.06530	0.10000	0.00000			
4642:	47	17	31	46	16	30	561833.58195	561833.90640	-0.32445	0.10000	0.00000			
4643:	47	17	30	46	16	31	561841.14541	561841.40756	-0.26216	0.10000	0.00000			
4644:	83	12	72	82	12	71	562161.38452	562161.23250	0.15203	0.10000	0.00000	562161.23331	0.15121	0.2500
4645:	83	11	72	82	11	71	562161.38452	562161.23412	0.15040	0.10000	0.00000	562161.23331	0.15121	0.2500
4646:	83	12	72	82	11	71	562161.38452	562161.23615	0.14837	0.10000	0.00000	562161.23331	0.15121	0.2500
4647:	83	11	72	82	12	71	562161.38452	562161.23047	0.15406	0.10000	0.00000	562161.23331	0.15121	0.2500
4648:	82	12	70	81	13	69	562197.38932	562197.24464	0.14467	0.10000	0.00000	562197.31756	0.07176	0.2500
4649:	82	13	70	81	13	69	562197.38932	562197.29754	0.09177	0.10000	0.00000	562197.31756	0.07176	0.2500
4650:	82	12	70	81	12	69	562197.38932	562197.33757	0.05175	0.10000	0.00000	562197.31756	0.07176	0.2500
4651:	82	13	70	81	12	69	562197.38932	562197.39047	-0.00115	0.10000	0.00000	562197.31756	0.07176	0.2500
4652:	84	11	74	83	11	73	562242.35944	562242.42926	-0.06982	0.10000	0.00000	562242.42929	-0.06985	0.2500
4653:	84	10	74	83	10	73	562242.35944	562242.42932	-0.06987	0.10000	0.00000	562242.42929	-0.06985	0.2500
4654:	84	11	74	83	10	73	562242.35944	562242.42938	-0.06994	0.10000	0.00000	562242.42929	-0.06985	0.2500
4655:	84	10	74	83	11	73	562242.35944	562242.42920	-0.06975	0.10000	0.00000	562242.42929	-0.06985	0.2500
4656:	86	8	78	85	9	77	562626.19801	562626.20162	-0.00361	0.10000	0.00000	562626.20162	-0.00361	0.2500
4657:	86	9	78	85	8	77	562626.19801	562626.20162	-0.00361	0.10000	0.00000	562626.20162	-0.00361	0.2500
4658:	86	9	78	85	9	77	562626.19801	562626.20162	-0.00361	0.10000	0.00000	562626.20162	-0.00361	0.2500
4659:	86	8	78	85	8	77	562626.19801	562626.20162	-0.00361	0.10000	0.00000	562626.20162	-0.00361	0.2500

4660:	87	7	80	86	7	79	562888.66729	562888.66963	-0.00234	0.10000	0.00000	562888.66963	-0.00234	0.2500
4661:	87	7	80	86	8	79	562888.66729	562888.66963	-0.00234	0.10000	0.00000	562888.66963	-0.00234	0.2500
4662:	87	8	80	86	7	79	562888.66729	562888.66963	-0.00234	0.10000	0.00000	562888.66963	-0.00234	0.2500
4663:	87	8	80	86	8	79	562888.66729	562888.66963	-0.00234	0.10000	0.00000	562888.66963	-0.00234	0.2500
4664:	80	14	66	79	14	65	562894.73195	562894.76449	-0.03254	0.10000	0.00000			
4665:	77	22	56	76	22	55	562917.74346	562917.71395	0.02951	0.10000	0.00000			
4666:	74	18	56	73	18	55	562965.21761	562965.20653	0.01108	0.10000	0.00000			
4667:	77	22	55	76	22	54	563151.78222	563151.73587	0.04636	0.10000	0.00000			
4668:	88	6	82	87	6	81	563180.97725	563180.97786	-0.00061	0.10000	0.00000	563180.97786	-0.00061	0.2500
4669:	88	6	82	87	7	81	563180.97725	563180.97786	-0.00061	0.10000	0.00000	563180.97786	-0.00061	0.2500
4670:	88	7	82	87	6	81	563180.97725	563180.97786	-0.00061	0.10000	0.00000	563180.97786	-0.00061	0.2500
4671:	88	7	82	87	7	81	563180.97725	563180.97786	-0.00061	0.10000	0.00000	563180.97786	-0.00061	0.2500
4672:	78	26	52	77	26	51	563358.76593	563358.72468	0.04125	0.10000	0.00000	563358.69114	0.07479	0.5000
4673:	78	26	53	77	26	52	563358.76593	563358.65761	0.10833	0.10000	0.00000	563358.69114	0.07479	0.5000
4674:	89	5	84	88	5	83	563494.46943	563494.52383	-0.05440	0.10000	0.00000	563494.52383	-0.05440	0.2500
4675:	89	5	84	88	6	83	563494.46943	563494.52383	-0.05440	0.10000	0.00000	563494.52383	-0.05440	0.2500
4676:	89	6	84	88	5	83	563494.46943	563494.52383	-0.05440	0.10000	0.00000	563494.52383	-0.05440	0.2500
4677:	89	6	84	88	6	83	563494.46943	563494.52383	-0.05440	0.10000	0.00000	563494.52383	-0.05440	0.2500
4678:	45	18	27	44	17	28	563726.41093	563726.46854	-0.05761	0.10000	0.00000	563726.40851	0.00242	0.5000
4679:	45	18	28	44	17	27	563726.41093	563726.34848	0.06245	0.10000	0.00000	563726.40851	0.00242	0.5000
4680:	79	16	64	78	16	63	563746.77518	563746.46331	0.31187	0.10000	0.00000			
4681:	90	4	86	89	4	85	563822.84994	563822.87996	-0.03002	0.10000	0.00000	563822.87996	-0.03002	0.2500
4682:	90	4	86	89	5	85	563822.84994	563822.87996	-0.03002	0.10000	0.00000	563822.87996	-0.03002	0.2500
4683:	90	5	86	89	4	85	563822.84994	563822.87996	-0.03002	0.10000	0.00000	563822.87996	-0.03002	0.2500
4684:	90	5	86	89	5	85	563822.84994	563822.87996	-0.03002	0.10000	0.00000	563822.87996	-0.03002	0.2500
4685:	79	15	64	78	15	63	563915.25424	563915.33727	-0.08303	0.10000	0.00000			
4686:	79	34	46	78	34	45	564068.15448	564068.35247	-0.19798	0.10000	0.00000	564068.35247	-0.19798	0.5000
4687:	79	34	45	78	34	44	564068.15448	564068.35247	-0.19798	0.10000	0.00000	564068.35247	-0.19798	0.5000
4688:	91	3	88	90	3	87	564161.21736	564161.16631	0.05105	0.10000	0.00000	564161.16631	0.05105	0.2500
4689:	91	3	88	90	4	87	564161.21736	564161.16631	0.05105	0.10000	0.00000	564161.16631	0.05105	0.2500
4690:	91	4	88	90	3	87	564161.21736	564161.16631	0.05105	0.10000	0.00000	564161.16631	0.05105	0.2500
4691:	91	4	88	90	4	87	564161.21736	564161.16631	0.05105	0.10000	0.00000	564161.16631	0.05105	0.2500
4692:	75	19	56	74	19	55	564310.95690	564311.20602	-0.24912	0.10000	0.00000			
4693:	50	16	35	49	15	34	564322.62029	564322.73650	-0.11620	0.10000	0.00000			
4694:	76	20	56	75	20	55	564444.35136	564444.23335	0.11801	0.10000	0.00000			
4695:	92	3	90	91	2	89	564505.81424	564505.62868	0.18556	0.10000	0.00000	564505.62868	0.18556	0.3333
4696:	92	3	90	91	3	89	564505.81424	564505.62868	0.18556	0.10000	0.00000	564505.62868	0.18556	0.3333
4697:	92	2	90	91	2	89	564505.81424	564505.62868	0.18556	0.10000	0.00000	564505.62868	0.18556	0.3333
4698:	79	33	47	78	33	46	564644.76943	564645.04990	-0.28048	0.10000	0.00000	564645.04990	-0.28048	0.5000
4699:	79	33	46	78	33	45	564644.76943	564645.04990	-0.28048	0.10000	0.00000	564645.04990	-0.28048	0.5000
4700:	93	1	92	92	1	91	564853.38189	564853.34680	0.03508	0.10000	0.00000	564853.34680	0.03508	0.2500
4701:	93	1	92	92	2	91	564853.38189	564853.34680	0.03508	0.10000	0.00000	564853.34680	0.03508	0.2500
4702:	93	2	92	92	1	91	564853.38189	564853.34680	0.03508	0.10000	0.00000	564853.34680	0.03508	0.2500
4703:	93	2	92	92	2	91	564853.38189	564853.34680	0.03508	0.10000	0.00000	564853.34680	0.03508	0.2500
4704:	78	17	62	77	17	61	564908.19776	564908.10853	0.08923	0.10000	0.00000			
4705:	77	18	60	76	18	59	564964.64551	564964.64274	0.00277	0.10000	0.00000			
4706:	75	17	58	74	17	57	565110.41462	565110.36322	0.05140	0.10000	0.00000			
4707:	94	0	94	93	0	93	565202.06008	565202.02792	0.03215	0.10000	0.00000	565202.02792	0.03215	0.2500
4708:	94	0	94	93	1	93	565202.06008	565202.02792	0.03215	0.10000	0.00000	565202.02792	0.03215	0.2500

4709:	94	1	94	93	0	93	565202.06008	565202.02792	0.03215	0.10000	0.00000	565202.02792	0.03215	0.2500
4710:	94	1	94	93	1	93	565202.06008	565202.02792	0.03215	0.10000	0.00000	565202.02792	0.03215	0.2500
4711:	79	32	48	78	32	47	565277.47435	565277.48501	-0.01066	0.10000	0.00000	565277.48501	-0.01066	0.5000
4712:	79	32	47	78	32	46	565277.47435	565277.48501	-0.01066	0.10000	0.00000	565277.48501	-0.01066	0.5000
4713:	41	20	22	40	19	21	565541.14258	565541.12842	0.01416	0.10000	0.00000	565541.12842	0.01416	0.5000
4714:	41	20	21	40	19	22	565541.14258	565541.12842	0.01416	0.10000	0.00000	565541.12842	0.01416	0.5000
4715:	77	21	57	76	21	56	565569.03541	565569.28361	-0.24820	0.10000	0.00000	565569.28361	-0.24820	0.5000
4716:	39	21	19	38	20	18	565959.32089	565959.43288	-0.11199	0.10000	0.00000	565959.43288	-0.11199	0.5000
4717:	39	21	18	38	20	19	565959.32089	565959.43288	-0.11199	0.10000	0.00000	565959.43288	-0.11199	0.5000
4718:	79	31	49	78	31	48	565974.87674	565974.92346	-0.04672	0.10000	0.00000	565974.92346	-0.04672	0.5000
4719:	79	31	48	78	31	47	565974.87674	565974.92346	-0.04672	0.10000	0.00000	565974.92346	-0.04672	0.5000
4720:	37	22	15	36	21	16	566212.22337	566212.24259	-0.01922	0.10000	0.00000	566212.24259	-0.01922	0.5000
4721:	37	22	16	36	21	15	566212.22337	566212.24259	-0.01922	0.10000	0.00000	566212.24259	-0.01922	0.5000
4722:	35	23	13	34	22	12	566362.33902	566362.50459	-0.16558	0.10000	0.00000	566362.50459	-0.16558	0.5000
4723:	35	23	12	34	22	13	566362.33902	566362.50459	-0.16558	0.10000	0.00000	566362.50459	-0.16558	0.5000
4724:	33	24	10	32	23	9	566449.86338	566449.86773	-0.00435	0.10000	0.00000	566449.86773	-0.00435	0.5000
4725:	33	24	9	32	23	10	566449.86338	566449.86773	-0.00435	0.10000	0.00000	566449.86773	-0.00435	0.5000
4726:	78	24	55	77	24	54	566452.76192	566452.61203	0.14990	0.10000	0.00000	566452.61203	0.14990	0.5000
4727:	78	24	54	77	24	53	566459.25932	566459.24138	0.01794	0.10000	0.00000	566459.24138	0.01794	0.5000
4728:	78	16	62	77	16	61	566497.34934	566497.53481	-0.18547	0.10000	0.00000	566497.53481	-0.18547	0.5000
4729:	31	25	7	30	24	6	566499.68202	566499.62125	0.06077	0.10000	0.00000	566499.62125	0.06077	0.5000
4730:	31	25	6	30	24	7	566499.68202	566499.62125	0.06077	0.10000	0.00000	566499.62125	0.06077	0.5000
4731:	29	26	3	28	25	4	566527.88411	566527.92751	-0.04339	0.10000	0.00000	566527.92751	-0.04339	0.5000
4732:	29	26	4	28	25	3	566527.88411	566527.92751	-0.04339	0.10000	0.00000	566527.92751	-0.04339	0.5000
4733:	27	27	1	26	26	0	566544.99336	566545.02603	-0.03267	0.10000	0.00000	566545.02603	-0.03267	0.5000
4734:	27	27	0	26	26	1	566544.99336	566545.02603	-0.03267	0.10000	0.00000	566545.02603	-0.03267	0.5000
4735:	77	21	56	76	21	55	566969.78642	566969.66385	0.12258	0.10000	0.00000	566969.66385	0.12258	0.5000
4736:	79	29	50	78	29	49	567613.89190	567613.81381	0.07809	0.10000	0.00000	567613.81381	0.07809	0.5000
4737:	79	29	51	78	29	50	567613.89190	567613.81375	0.07815	0.10000	0.00000	567613.81375	0.07815	0.5000
4738:	77	20	58	76	20	57	567850.43511	567850.43843	-0.00332	0.10000	0.00000	567850.43843	-0.00332	0.5000
4739:	84	12	73	83	12	72	568081.54412	568081.53485	0.00927	0.10000	0.00000	568081.53485	0.00927	0.5000
4740:	84	11	73	83	11	72	568081.54412	568081.53576	0.00837	0.10000	0.00000	568081.53576	0.00837	0.5000
4741:	84	12	73	83	12	72	568081.54412	568081.53688	0.00724	0.10000	0.00000	568081.53688	0.00724	0.5000
4742:	84	11	73	83	12	72	568081.54412	568081.53373	0.01040	0.10000	0.00000	568081.53373	0.01040	0.5000
4743:	77	19	59	76	19	58	568097.53820	568097.67309	-0.13489	0.10000	0.00000	568097.67309	-0.13489	0.5000
4744:	83	13	71	82	13	70	568099.90983	568099.82746	0.08237	0.10000	0.00000	568099.82746	0.08237	0.5000
4745:	83	12	71	82	12	70	568099.90983	568099.85035	0.05948	0.10000	0.00000	568099.85035	0.05948	0.5000
4746:	83	13	71	82	12	70	568099.90983	568099.88036	0.02947	0.10000	0.00000	568099.88036	0.02947	0.5000
4747:	83	12	71	82	13	70	568099.90983	568099.79745	0.11238	0.10000	0.00000	568099.79745	0.11238	0.5000
4748:	85	10	75	84	10	74	568174.13241	568174.10275	0.02966	0.10000	0.00000	568174.10275	0.02966	0.5000
4749:	85	11	75	84	11	74	568174.13241	568174.10272	0.02969	0.10000	0.00000	568174.10272	0.02969	0.5000
4750:	85	11	75	84	10	74	568174.13241	568174.10279	0.02962	0.10000	0.00000	568174.10275	0.02965	0.5000
4751:	82	13	69	81	13	68	568280.97783	568281.19248	-0.21464	0.10000	0.00000	568280.95450	0.02334	0.5000
4752:	82	14	69	81	14	68	568280.97783	568280.71651	0.26132	0.10000	0.00000	568280.95450	0.02334	0.5000
4753:	86	9	77	85	9	76	568344.10260	568344.40796	-0.30536	0.10000	0.00000	568344.40796	-0.30536	0.5000
4754:	86	9	77	85	10	76	568344.10260	568344.40796	-0.30536	0.10000	0.00000	568344.40796	-0.30536	0.5000
4755:	86	10	77	85	9	76	568344.10260	568344.40796	-0.30536	0.10000	0.00000	568344.40796	-0.30536	0.5000
4756:	86	10	77	85	10	76	568344.10260	568344.40796	-0.30536	0.10000	0.00000	568344.40796	-0.30536	0.5000
4757:	78	23	56	77	23	55	568478.41093	568478.40625	0.00468	0.10000	0.00000	568478.40796	-0.30536	0.5000

4758:	78	23	55	77	23	54	568532.39517	568532.41817	-0.02300	0.10000	0.00000	568570.18573	-0.04542	0.3333
4759:	87	9	79	86	8	78	568570.14031	568570.18573	-0.04542	0.10000	0.00000	568570.18573	-0.04542	0.3333
4760:	87	9	79	86	9	78	568570.14031	568570.18573	-0.04542	0.10000	0.00000	568570.18573	-0.04542	0.3333
4761:	87	8	79	86	8	78	568570.14031	568570.18573	-0.04542	0.10000	0.00000	568570.18573	-0.04542	0.3333
4762:	79	28	52	78	28	51	568588.49571	568588.46766	0.02806	0.10000	0.00000	568588.46809	0.02763	0.5000
4763:	79	28	51	78	28	50	568588.49571	568588.46852	0.02719	0.10000	0.00000	568588.46809	0.02763	0.5000
4764:	81	14	67	80	14	66	568716.61188	568716.61602	-0.00414	0.10000	0.00000			
4765:	88	7	81	87	8	80	568835.93016	568835.88604	0.04412	0.10000	0.00000	568835.88604	0.04412	0.3333
4766:	88	8	81	87	8	80	568835.93016	568835.88604	0.04412	0.10000	0.00000	568835.88604	0.04412	0.3333
4767:	88	7	81	87	7	80	568835.93016	568835.88604	0.04412	0.10000	0.00000	568835.88604	0.04412	0.3333
4768:	89	6	83	88	6	82	569130.34235	569130.32211	0.02024	0.10000	0.00000	569130.32211	0.02024	0.3333
4769:	89	7	83	88	6	82	569130.34235	569130.32211	0.02024	0.10000	0.00000	569130.32211	0.02024	0.3333
4770:	89	7	83	88	7	82	569130.34235	569130.32211	0.02024	0.10000	0.00000	569130.32211	0.02024	0.3333
4771:	90	6	85	89	5	84	569445.32202	569445.25544	0.06658	0.10000	0.00000	569445.25544	0.06658	0.3333
4772:	90	6	85	89	6	84	569445.32202	569445.25544	0.06658	0.10000	0.00000	569445.25544	0.06658	0.3333
4773:	90	5	85	89	5	84	569445.32202	569445.25544	0.06658	0.10000	0.00000	569445.25544	0.06658	0.3333
4774:	80	16	65	79	16	64	569507.68356	569507.65773	0.02583	0.10000	0.00000			
4775:	76	17	59	75	17	58	569574.74365	569574.77541	-0.03176	0.10000	0.00000			
4776:	80	15	65	79	15	64	569614.96029	569615.02210	-0.06181	0.10000	0.00000			
4777:	53	15	38	52	14	39	569674.03204	569673.96630	0.06573	0.10000	0.00000			
4778:	79	27	53	78	27	52	569697.53261	569697.51388	0.01873	0.10000	0.00000	569697.51935	0.01325	0.5000
4779:	79	27	52	78	27	51	569697.53261	569697.52483	0.00778	0.10000	0.00000	569697.51935	0.01325	0.5000
4780:	91	4	87	90	5	86	569774.50559	569774.50313	0.00246	0.10000	0.00000	569774.50313	0.00246	0.2500
4781:	91	5	87	90	4	86	569774.50559	569774.50313	0.00246	0.10000	0.00000	569774.50313	0.00246	0.2500
4782:	91	5	87	90	5	86	569774.50559	569774.50313	0.00246	0.10000	0.00000	569774.50313	0.00246	0.2500
4783:	91	4	87	90	4	86	569774.50559	569774.50313	0.00246	0.10000	0.00000	569774.50313	0.00246	0.2500
4784:	92	3	89	91	3	88	570113.35977	570113.35260	0.00717	0.10000	0.00000	570113.35260	0.00717	0.2500
4785:	92	3	89	91	4	88	570113.35977	570113.35260	0.00717	0.10000	0.00000	570113.35260	0.00717	0.2500
4786:	92	4	89	91	3	88	570113.35977	570113.35260	0.00717	0.10000	0.00000	570113.35260	0.00717	0.2500
4787:	92	4	89	91	4	88	570113.35977	570113.35260	0.00717	0.10000	0.00000	570113.35260	0.00717	0.2500
4788:	46	18	28	45	17	29	570422.18443	570422.32927	-0.14484	0.10000	0.00000	570422.19985	-0.01542	0.5000
4789:	46	18	29	45	17	28	570422.18443	570422.07043	0.11400	0.10000	0.00000	570422.19985	-0.01542	0.5000
4790:	93	2	91	92	2	90	570458.23916	570458.16555	0.07361	0.10000	0.00000	570458.16555	0.07361	0.2500
4791:	93	2	91	92	3	90	570458.23916	570458.16555	0.07361	0.10000	0.00000	570458.16555	0.07361	0.2500
4792:	93	3	91	92	2	90	570458.23916	570458.16555	0.07361	0.10000	0.00000	570458.16555	0.07361	0.2500
4793:	93	3	91	92	3	90	570458.23916	570458.16555	0.07361	0.10000	0.00000	570458.16555	0.07361	0.2500
4794:	79	17	63	78	17	62	570678.01955	570678.03670	-0.01714	0.10000	0.00000	570458.16555	0.07361	0.2500
4795:	94	2	93	93	1	92	570806.11112	570806.10267	0.00845	0.10000	0.00000	570806.10267	0.00845	0.3333
4796:	94	2	93	93	2	92	570806.11112	570806.10267	0.00845	0.10000	0.00000	570806.10267	0.00845	0.3333
4797:	94	1	93	93	1	92	570806.11112	570806.10267	0.00845	0.10000	0.00000	570806.10267	0.00845	0.3333
4798:	80	35	46	79	35	44	570841.03552	570841.28367	-0.24815	0.10000	0.00000	570841.28367	-0.24815	0.5000
4799:	80	35	46	79	35	45	570841.03552	570841.28367	-0.24815	0.10000	0.00000	570841.28367	-0.24815	0.5000
4800:	78	22	57	77	22	56	570922.66087	570922.30677	0.35410	0.10000	0.00000			
4801:	79	26	53	78	26	52	570974.53781	570974.71192	-0.17411	0.10000	0.00000	570974.64936	-0.11155	0.5000
4802:	79	26	54	78	26	53	570974.53781	570974.58680	-0.04899	0.10000	0.00000	570974.64936	-0.11155	0.5000
4803:	95	0	95	94	0	94	571154.95625	571154.92787	0.02838	0.10000	0.00000	571154.92787	0.02838	0.2500
4804:	95	0	95	94	1	94	571154.95625	571154.92787	0.02838	0.10000	0.00000	571154.92787	0.02838	0.2500
4805:	95	1	95	94	0	94	571154.95625	571154.92787	0.02838	0.10000	0.00000	571154.92787	0.02838	0.2500
4806:	95	1	95	94	1	94	571154.95625	571154.92787	0.02838	0.10000	0.00000	571154.92787	0.02838	0.2500

4856:	89	7	82	88	8	81	574782.29293	574782.33096	-0.03803	0.10000	0.00000	574782.33096	-0.03803	0.33333
4857:	89	8	82	88	8	81	574782.29293	574782.33096	-0.03803	0.10000	0.00000	574782.33096	-0.03803	0.33333
4858:	90	7	84	89	6	83	575078.84649	575078.81283	0.03366	0.10000	0.00000	575078.81283	0.03366	0.5000
4859:	90	6	84	89	6	83	575078.84649	575078.81283	0.03366	0.10000	0.00000	575078.81283	0.03366	0.5000
4860:	80	29	52	79	29	51	575086.88338	575086.77119	0.11219	0.10000	0.00000			
4861:	78	19	60	77	19	59	575111.81908	575111.83555	-0.01646	0.10000	0.00000			
4862:	81	16	66	80	16	65	575277.41463	575277.39668	0.01795	0.10000	0.00000			
4863:	81	15	66	80	15	65	575345.08410	575345.09748	-0.01338	0.10000	0.00000			
4864:	91	6	86	90	5	85	575394.95135	575395.08626	-0.13491	0.10000	0.00000	575395.08626	-0.13491	0.33333
4865:	91	6	86	90	6	85	575394.95135	575395.08626	-0.13491	0.10000	0.00000	575395.08626	-0.13491	0.33333
4866:	91	5	86	90	5	85	575394.95135	575395.08626	-0.13491	0.10000	0.00000	575395.08626	-0.13491	0.33333
4867:	78	20	59	77	20	58	575605.23832	575605.18688	0.05144	0.10000	0.00000			
4868:	78	21	57	77	21	56	575719.11092	575718.81174	0.29918	0.10000	0.00000			
4869:	92	5	88	91	4	87	575725.19765	575725.19957	-0.00192	0.10000	0.00000	575725.19957	-0.00192	0.5000
4870:	92	4	88	91	4	87	575725.19765	575725.19957	-0.00192	0.10000	0.00000	575725.19957	-0.00192	0.5000
4871:	80	28	52	79	28	51	576106.82884	576106.55009	0.27875	0.10000	0.00000	576106.54924	0.27960	0.5000
4872:	80	28	53	79	28	52	576106.82884	576106.54838	0.28046	0.10000	0.00000	576106.54924	0.27960	0.5000
4873:	79	23	57	78	23	56	576391.98755	576391.91064	0.07692	0.10000	0.00000			
4874:	94	3	92	93	2	91	576409.75935	576409.75730	0.00205	0.10000	0.00000	576409.75730	0.00205	0.5000
4875:	94	2	92	93	2	91	576409.75935	576409.75730	0.00205	0.10000	0.00000	576409.75730	0.00205	0.5000
4876:	80	17	64	79	17	63	576422.74314	576422.87979	-0.13665	0.10000	0.00000			
4877:	79	23	56	78	23	55	576481.51287	576481.42336	0.08950	0.10000	0.00000			
4878:	95	1	94	94	1	93	576757.92336	576757.91215	0.01121	0.10000	0.00000	576757.91215	0.01121	0.33333
4879:	95	2	94	94	1	93	576757.92336	576757.91215	0.01121	0.10000	0.00000	576757.91215	0.01121	0.33333
4880:	95	2	94	94	2	93	576757.92336	576757.91215	0.01121	0.10000	0.00000	576757.91215	0.01121	0.33333
4881:	96	1	96	95	0	95	577106.89306	577106.88212	0.01094	0.10000	0.00000	577106.88212	0.01094	0.33333
4882:	96	1	96	95	1	95	577106.89306	577106.88212	0.01094	0.10000	0.00000	577106.88212	0.01094	0.33333
4883:	96	0	96	95	0	95	577106.89306	577106.88212	0.01094	0.10000	0.00000			
4884:	79	18	62	78	18	61	577254.43745	577254.47463	-0.03718	0.10000	0.00000			
4885:	80	27	54	79	27	53	577269.50967	577269.30564	0.20403	0.10000	0.00000	577269.31610	0.19357	0.5000
4886:	80	27	53	79	27	52	577269.50967	577269.32657	0.18311	0.10000	0.00000	577269.31610	0.19357	0.5000
4887:	78	17	61	77	17	60	578000.92957	578000.89088	0.03869	0.10000	0.00000			
4888:	45	19	26	44	18	27	578487.67102	578487.72399	-0.05296	0.10000	0.00000	578487.72065	-0.04963	0.5000
4889:	45	19	27	44	18	26	578487.67102	578487.71732	-0.04630	0.10000	0.00000	578487.72065	-0.04963	0.5000
4890:	76	18	58	75	18	57	578685.28856	578685.15977	0.12879	0.10000	0.00000			
4891:	81	34	47	80	34	46	578720.33159	578720.65945	-0.32787	0.10000	0.00000	578720.65945	-0.32787	0.5000
4892:	81	34	48	80	34	47	578720.33159	578720.65945	-0.32787	0.10000	0.00000	578720.65945	-0.32787	0.5000
4893:	79	22	58	78	22	57	578958.12863	578958.03964	0.08898	0.10000	0.00000			
4894:	43	20	23	42	19	24	579350.62448	579350.68042	-0.05594	0.10000	0.00000	579350.68039	-0.05592	0.5000
4895:	43	20	24	42	19	23	579350.62448	579350.68037	-0.05589	0.10000	0.00000	579350.68039	-0.05592	0.5000
4896:	79	22	57	78	22	56	579548.23568	579548.15114	0.08454	0.10000	0.00000			
4897:	41	21	20	40	20	21	579883.65242	579883.59329	0.05912	0.10000	0.00000	579883.59329	0.05912	0.5000
4898:	41	21	20	40	20	20	579883.65242	579883.59329	0.05912	0.10000	0.00000	579883.59329	0.05912	0.5000
4899:	86	12	75	85	12	74	579924.10183	579923.97545	0.12638	0.10000	0.00000	579923.97554	0.12629	0.33333
4900:	86	12	75	85	11	74	579924.10183	579923.97607	0.12576	0.10000	0.00000	579923.97554	0.12629	0.33333
4901:	86	11	75	85	12	74	579924.10183	579923.97511	0.12672	0.10000	0.00000	579923.97554	0.12629	0.33333
4902:	81	32	50	80	32	49	580030.01040	580029.95644	0.05396	0.10000	0.00000	580029.95644	0.05396	0.5000
4903:	81	32	49	80	32	48	580030.01040	580029.95644	0.05396	0.10000	0.00000	580029.95644	0.05396	0.5000
4904:	87	10	77	86	10	76	580037.32257	580037.34389	-0.02132	0.10000	0.00000	580037.34389	-0.02132	0.2500

4905:	87	10	77	86	11	76	580037.32257	580037.34387	-0.02130	0.10000	0.00000	580037.34389	-0.02132	0.2500
4906:	87	11	77	86	10	76	580037.32257	580037.34390	-0.02133	0.10000	0.00000	580037.34389	-0.02132	0.2500
4907:	87	11	77	86	11	76	580037.32257	580037.34388	-0.02131	0.10000	0.00000	580037.34389	-0.02132	0.2500
4908:	80	25	56	79	25	55	580185.92600	580186.08697	-0.16098	0.10000	0.00000			
4909:	80	25	55	79	25	54	580188.59763	580188.35331	0.24432	0.10000	0.00000			
4910:	39	22	18	38	21	17	580211.51412	580211.52005	-0.00593	0.10000	0.00000	580211.52005	-0.00593	0.5000
4911:	39	22	17	38	21	18	580211.51412	580211.52005	-0.00593	0.10000	0.00000	580211.52005	-0.00593	0.5000
4912:	88	9	79	87	9	78	580221.37636	580221.34794	0.02843	0.10000	0.00000	580221.34794	0.02843	0.2500
4913:	88	9	79	87	10	78	580221.37636	580221.34794	0.02843	0.10000	0.00000	580221.34794	0.02843	0.2500
4914:	88	10	79	87	9	78	580221.37636	580221.34794	0.02843	0.10000	0.00000	580221.34794	0.02843	0.2500
4915:	88	10	79	87	10	78	580221.37636	580221.34794	0.02843	0.10000	0.00000	580221.34794	0.02843	0.2500
4916:	83	15	69	82	15	68	580384.44209	580384.47194	-0.02984	0.10000	0.00000			
4917:	83	14	69	82	14	68	580387.32815	580387.40147	-0.07332	0.10000	0.00000			
4918:	37	23	15	36	22	14	580410.91611	580410.84087	0.07525	0.10000	0.00000	580410.84087	0.07525	0.5000
4919:	37	23	14	36	22	15	580410.91611	580410.84087	0.07525	0.10000	0.00000	580410.84087	0.07525	0.5000
4920:	89	8	81	88	8	80	580456.26082	580456.22677	0.03405	0.10000	0.00000	580456.22677	0.03405	0.2500
4921:	89	8	81	88	9	80	580456.26082	580456.22677	0.03405	0.10000	0.00000	580456.22677	0.03405	0.2500
4922:	89	9	81	88	8	80	580456.26082	580456.22677	0.03405	0.10000	0.00000	580456.22677	0.03405	0.2500
4923:	89	9	81	88	9	80	580456.26082	580456.22677	0.03405	0.10000	0.00000	580456.22677	0.03405	0.2500
4924:	35	24	12	34	23	11	580529.69202	580529.69519	-0.00317	0.10000	0.00000	580529.69519	-0.00317	0.5000
4925:	35	24	11	34	23	12	580529.69202	580529.69519	-0.00317	0.10000	0.00000	580529.69519	-0.00317	0.5000
4926:	33	25	9	32	24	8	580598.88223	580598.96899	-0.08676	0.10000	0.00000	580598.96899	-0.08676	0.5000
4927:	33	25	8	32	24	9	580598.88223	580598.96899	-0.08676	0.10000	0.00000	580598.96899	-0.08676	0.5000
4928:	31	26	6	30	25	5	580638.63618	580638.62380	0.01237	0.10000	0.00000	580638.62380	0.01237	0.5000
4929:	31	26	5	30	25	6	580638.63618	580638.62380	0.01237	0.10000	0.00000	580638.62380	0.01237	0.5000
4930:	29	27	3	28	26	2	580661.50250	580661.53122	-0.02873	0.10000	0.00000	580661.53122	-0.02873	0.5000
4931:	29	27	2	28	26	3	580661.50250	580661.53122	-0.02873	0.10000	0.00000	580661.53122	-0.02873	0.5000
4932:	90	7	83	89	7	82	580728.00586	580727.98422	0.02165	0.10000	0.00000	580727.98422	0.02165	0.2500
4933:	90	7	83	89	8	82	580728.00586	580727.98422	0.02165	0.10000	0.00000	580727.98422	0.02165	0.2500
4934:	90	8	83	89	7	82	580728.00586	580727.98422	0.02165	0.10000	0.00000	580727.98422	0.02165	0.2500
4935:	90	8	83	89	8	82	580728.00586	580727.98422	0.02165	0.10000	0.00000	580727.98422	0.02165	0.2500
4936:	81	31	51	80	31	50	580787.20989	580787.22044	-0.01055	0.10000	0.00000	580787.22044	-0.01055	0.5000
4937:	81	31	50	80	31	49	580787.20989	580787.22044	-0.01055	0.10000	0.00000	580787.22044	-0.01055	0.5000
4938:	91	6	85	90	6	84	581026.44941	581026.43469	0.01472	0.10000	0.00000	581026.43469	0.01472	0.2500
4939:	91	6	85	90	7	84	581026.44941	581026.43469	0.01472	0.10000	0.00000	581026.43469	0.01472	0.2500
4940:	91	7	85	90	6	84	581026.44941	581026.43469	0.01472	0.10000	0.00000	581026.43469	0.01472	0.2500
4941:	91	7	85	90	7	84	581026.44941	581026.43469	0.01472	0.10000	0.00000	581026.43469	0.01472	0.2500
4942:	92	5	87	91	6	86	581344.03335	581344.00361	0.02974	0.10000	0.00000	581344.00361	0.02974	0.2500
4943:	92	6	87	91	5	86	581344.03335	581344.00361	0.02974	0.10000	0.00000	581344.00361	0.02974	0.2500
4944:	92	6	87	91	6	86	581344.03335	581344.00361	0.02974	0.10000	0.00000	581344.00361	0.02974	0.2500
4945:	92	5	87	91	5	86	581344.03335	581344.00361	0.02974	0.10000	0.00000	581344.00361	0.02974	0.2500
4946:	93	4	89	92	4	88	581675.03074	581674.95806	0.07269	0.10000	0.00000	581674.95806	0.07269	0.3333
4947:	93	5	89	92	4	88	581675.03074	581674.95806	0.07269	0.10000	0.00000	581674.95806	0.07269	0.3333
4948:	93	5	89	92	5	88	581675.03074	581674.95806	0.07269	0.10000	0.00000	581674.95806	0.07269	0.3333
4949:	79	19	61	78	19	60	581916.17405	581916.20403	-0.02998	0.10000	0.00000			
4950:	94	3	91	93	3	90	582014.90633	582014.89549	0.01084	0.10000	0.00000	582014.89549	0.01084	0.2500
4951:	94	3	91	93	4	90	582014.90633	582014.89549	0.01084	0.10000	0.00000	582014.89549	0.01084	0.2500
4952:	94	4	91	93	3	90	582014.90633	582014.89549	0.01084	0.10000	0.00000	582014.89549	0.01084	0.2500
4953:	94	4	91	93	4	90	582014.90633	582014.89549	0.01084	0.10000	0.00000	582014.89549	0.01084	0.2500

4954:	80	24	57	79	24	56	582066.75949	582066.72963	0.02986	0.10000	0.00000	0.02712 0.3333
4955:	80	24	56	79	24	55	582086.38445	582086.32524	0.05921	0.10000	0.00000	0.02712 0.3333
4956:	81	17	65	80	17	64	582155.14875	582155.05738	0.09137	0.10000	0.00000	0.02712 0.3333
4957:	79	17	62	78	17	61	582339.19771	582339.27662	-0.07891	0.10000	0.00000	0.02712 0.3333
4958:	95	2	93	94	2	92	582360.42084	582360.39372	0.02712	0.10000	0.00000	0.02712 0.3333
4959:	95	3	93	94	2	92	582360.42084	582360.39372	0.02712	0.10000	0.00000	0.02712 0.3333
4960:	95	3	93	94	3	92	582360.42084	582360.39372	0.02712	0.10000	0.00000	0.02712 0.3333
4961:	81	29	63	80	29	52	582573.23183	582573.23922	-0.00739	0.10000	0.00000	0.02712 0.3333
4962:	96	2	95	95	1	94	582708.84227	582708.76517	0.07710	0.10000	0.00000	0.02712 0.3333
4963:	96	2	95	95	2	94	582708.84227	582708.76517	0.07710	0.10000	0.00000	0.02712 0.3333
4964:	96	1	95	95	1	94	582708.84227	582708.76517	0.07710	0.10000	0.00000	0.02712 0.3333
4965:	97	0	97	96	0	96	583057.88468	583057.88065	0.00403	0.10000	0.00000	0.00403 0.2500
4966:	97	0	97	96	1	96	583057.88468	583057.88065	0.00403	0.10000	0.00000	0.00403 0.2500
4967:	97	1	97	96	0	96	583057.88468	583057.88065	0.00403	0.10000	0.00000	0.00403 0.2500
4968:	97	1	97	96	1	96	583057.88468	583057.88065	0.00403	0.10000	0.00000	0.00403 0.2500
4969:	80	18	63	79	18	62	583210.74834	583210.68175	0.06659	0.10000	0.00000	0.00403 0.2500
4970:	79	20	60	78	20	59	583219.46652	583219.45939	0.00713	0.10000	0.00000	0.00403 0.2500
4971:	81	28	54	80	28	53	583640.28627	583640.28238	0.00389	0.10000	0.00000	0.00403 0.2500
4972:	81	28	53	80	28	52	583640.28627	583640.28572	0.00056	0.10000	0.00000	0.00403 0.2500
4973:	77	19	58	76	19	57	584031.13883	584030.99419	0.14463	0.10000	0.00000	0.00403 0.2500
4974:	80	23	58	79	23	57	584343.48086	584343.35223	0.12863	0.10000	0.00000	0.00403 0.2500
4975:	80	23	57	79	23	56	584489.69795	584489.78353	-0.08558	0.10000	0.00000	0.00403 0.2500
4976:	79	21	58	78	21	57	584731.08628	584731.17278	-0.08650	0.10000	0.00000	0.00403 0.2500
4977:	81	27	55	80	27	54	584859.64883	584859.57306	0.07577	0.10000	0.00000	0.00403 0.2500
4978:	77	18	59	76	18	58	585234.72490	585234.57222	0.15268	0.10000	0.00000	0.00403 0.2500
4979:	46	19	27	45	18	28	585263.47379	585263.49912	-0.02533	0.10000	0.00000	0.00403 0.2500
4980:	46	19	28	45	18	27	585263.47379	585263.48390	-0.01010	0.10000	0.00000	0.00403 0.2500
4981:	86	12	74	85	13	73	585817.51995	585817.45156	0.06839	0.10000	0.00000	0.00403 0.2500
4982:	86	13	74	85	13	73	585817.51995	585817.45693	0.06302	0.10000	0.00000	0.00403 0.2500
4983:	86	12	74	85	12	73	585817.51995	585817.46112	0.05883	0.10000	0.00000	0.00403 0.2500
4984:	86	13	74	85	12	73	585817.51995	585817.46649	0.05346	0.10000	0.00000	0.00403 0.2500
4985:	87	11	76	86	11	75	585845.86561	585845.87077	-0.00516	0.10000	0.00000	0.00403 0.2500
4986:	87	12	76	86	11	75	585845.86561	585845.87096	-0.00535	0.10000	0.00000	0.00403 0.2500
4987:	87	11	76	86	12	75	585845.86561	585845.87043	-0.00482	0.10000	0.00000	0.00403 0.2500
4988:	85	13	72	84	14	71	585924.48448	585924.33187	0.15261	0.10000	0.00000	0.00403 0.2500
4989:	85	14	72	84	14	71	585924.48448	585924.46016	0.02432	0.10000	0.00000	0.00403 0.2500
4990:	85	13	72	84	13	71	585924.48448	585924.55469	-0.07021	0.10000	0.00000	0.00403 0.2500
4991:	85	14	72	84	13	71	585924.48448	585924.68299	-0.19851	0.10000	0.00000	0.00403 0.2500
4992:	88	10	78	87	11	77	585968.63487	585968.77052	-0.13565	0.10000	0.00000	0.00403 0.2500
4993:	88	11	78	87	10	77	585968.63487	585968.77053	-0.13567	0.10000	0.00000	0.00403 0.2500
4994:	88	11	78	87	11	77	585968.63487	585968.77052	-0.13566	0.10000	0.00000	0.00403 0.2500
4995:	88	10	78	87	10	77	585968.63487	585968.77053	-0.13566	0.10000	0.00000	0.00403 0.2500
4996:	89	9	80	88	9	79	586159.09169	586159.10822	-0.01653	0.10000	0.00000	0.00403 0.2500
4997:	89	9	80	88	10	79	586159.09169	586159.10822	-0.01652	0.10000	0.00000	0.00403 0.2500
4998:	89	10	80	88	9	79	586159.09169	586159.10822	-0.01653	0.10000	0.00000	0.00403 0.2500
4999:	89	10	80	88	10	79	586159.09169	586159.10822	-0.01653	0.10000	0.00000	0.00403 0.2500
5000:	44	20	24	43	19	25	586227.53739	586227.55261	-0.01521	0.10000	0.00000	0.00403 0.2500
5001:	44	20	25	43	19	24	586227.53739	586227.55248	-0.01509	0.10000	0.00000	0.00403 0.2500
5002:	90	9	82	89	8	81	586398.18390	586398.22721	-0.04331	0.10000	0.00000	0.00403 0.2500

5003:	90	9	82	89	9	81	586398.18390	586398.22721	-0.04331	0.10000	0.00000	586398.22721	-0.04331	0.3333
5004:	90	8	82	89	8	81	586398.18390	586398.22721	-0.04331	0.10000	0.00000	586398.22721	-0.04331	0.3333
5005:	91	7	84	90	8	83	586672.86058	586672.82627	0.03431	0.10000	0.00000	586672.82627	0.03431	0.3333
5006:	91	8	84	90	7	83	586672.86058	586672.82627	0.03431	0.10000	0.00000	586672.82627	0.03431	0.3333
5007:	91	8	84	90	8	83	586672.86058	586672.82627	0.03431	0.10000	0.00000	586672.82627	0.03431	0.3333
5008:	42	21	22	41	20	21	586826.10006	586826.11446	-0.01440	0.10000	0.00000	586826.11446	-0.01440	0.5000
5009:	42	21	21	41	20	22	586826.10006	586826.11446	-0.01440	0.10000	0.00000	586826.11446	-0.01440	0.5000
5010:	83	16	68	82	16	67	586845.42193	586845.43010	-0.00817	0.10000	0.00000			
5011:	80	17	63	79	17	62	586892.81723	586892.64249	0.17473	0.10000	0.00000			
5012:	92	7	86	91	6	85	586973.18842	586973.17269	0.01573	0.10000	0.00000	586973.17269	0.01573	0.5000
5013:	92	6	86	91	6	85	586973.18842	586973.17269	0.01573	0.10000	0.00000	586973.17269	0.01573	0.5000
5014:	80	22	59	79	22	58	587017.82365	587017.74375	0.07991	0.10000	0.00000			
5015:	40	22	18	39	21	19	587197.20918	587197.33456	-0.12539	0.10000	0.00000			
5016:	93	5	88	92	5	87	587292.01536	587291.99500	0.02036	0.10000	0.00000	587291.99500	0.02036	0.5000
5017:	93	6	88	92	6	87	587292.01536	587291.99500	0.02036	0.10000	0.00000	587291.99500	0.02036	0.5000
5018:	38	23	16	37	22	15	587425.25861	587425.24897	0.00964	0.10000	0.00000	587425.24897	0.00964	0.5000
5019:	38	23	15	37	22	16	587425.25861	587425.24897	0.00964	0.10000	0.00000	587425.24897	0.00964	0.5000
5020:	36	24	12	35	23	13	587562.78382	587562.78164	0.00218	0.10000	0.00000			
5021:	94	4	90	93	4	89	587623.81731	587623.76741	0.04990	0.10000	0.00000	587623.76741	0.04990	0.3333
5022:	94	4	90	93	5	89	587623.81731	587623.76741	0.04990	0.10000	0.00000	587623.76741	0.04990	0.3333
5023:	94	5	90	93	5	89	587623.81731	587623.76741	0.04990	0.10000	0.00000	587623.76741	0.04990	0.3333
5024:	34	25	10	33	24	9	587643.98574	587643.95056	0.03518	0.10000	0.00000	587643.95056	0.03518	0.5000
5025:	34	25	9	33	24	10	587643.98574	587643.95056	0.03518	0.10000	0.00000	587643.95056	0.03518	0.5000
5026:	32	26	7	31	25	6	587690.85239	587690.83568	0.01671	0.10000	0.00000	587690.83568	0.01671	0.5000
5027:	32	26	6	31	25	7	587690.85239	587690.83568	0.01671	0.10000	0.00000	587690.83568	0.01671	0.5000
5028:	30	27	3	29	26	4	587717.66744	587717.77473	-0.10730	0.10000	0.00000	587717.77473	-0.10730	0.5000
5029:	30	27	4	29	26	3	587717.66744	587717.77473	-0.10730	0.10000	0.00000	587717.77473	-0.10730	0.5000
5030:	28	28	1	27	27	0	587733.73316	587733.99202	-0.25886	0.10000	0.00000	587733.99202	-0.25886	0.5000
5031:	28	28	0	27	27	1	587733.73316	587733.99202	-0.25886	0.10000	0.00000	587733.99202	-0.25886	0.5000
5032:	82	17	66	81	17	65	587883.59167	587883.59688	-0.00521	0.10000	0.00000			
5033:	95	3	92	94	3	91	587964.30997	587964.23109	0.07888	0.10000	0.00000	587964.23109	0.07888	0.2500
5034:	95	3	92	94	4	91	587964.30997	587964.23109	0.07888	0.10000	0.00000	587964.23109	0.07888	0.2500
5035:	95	4	92	94	3	91	587964.30997	587964.23109	0.07888	0.10000	0.00000	587964.23109	0.07888	0.2500
5036:	95	4	92	94	4	91	587964.30997	587964.23109	0.07888	0.10000	0.00000	587964.23109	0.07888	0.2500
5037:	82	31	52	81	31	51	588209.23837	588209.38247	-0.14410	0.10000	0.00000	588209.38247	-0.14410	0.5000
5038:	82	31	51	81	31	50	588209.23837	588209.38247	-0.14410	0.10000	0.00000	588209.38247	-0.14410	0.5000
5039:	96	2	94	95	2	93	588310.08884	588310.06465	0.02419	0.10000	0.00000	588310.06465	0.02419	0.3333
5040:	96	3	94	95	2	93	588310.08884	588310.06465	0.02419	0.10000	0.00000	588310.06465	0.02419	0.3333
5041:	96	3	94	95	3	93	588310.08884	588310.06465	0.02419	0.10000	0.00000	588310.06465	0.02419	0.3333
5042:	80	19	62	79	19	61	588514.67206	588514.62457	0.04750	0.10000	0.00000			
5043:	97	1	96	96	2	95	588658.69558	588658.65169	0.04389	0.10000	0.00000	588658.65169	0.04389	0.3333
5044:	97	2	96	96	2	95	588658.69558	588658.65169	0.04389	0.10000	0.00000	588658.65169	0.04389	0.3333
5045:	97	1	96	96	1	95	588658.69558	588658.65169	0.04389	0.10000	0.00000	588658.65169	0.04389	0.3333
5046:	98	0	98	97	0	97	589007.93291	589007.91343	0.01947	0.10000	0.00000	589007.91343	0.01947	0.3333
5047:	98	1	98	97	0	97	589007.93291	589007.91343	0.01947	0.10000	0.00000	589007.91343	0.01947	0.3333
5048:	98	1	98	97	1	97	589007.93291	589007.91343	0.01947	0.10000	0.00000	589007.91343	0.01947	0.3333
5049:	81	18	64	80	18	63	589076.08749	589076.15208	-0.06458	0.10000	0.00000			
5050:	80	21	60	79	21	59	589610.97459	589610.87708	0.09751	0.10000	0.00000			
5051:	81	24	58	80	24	57	589924.95564	589924.72132	0.23432	0.10000	0.00000			

5052:	82	29	54	81	29	53	590073.76023	590073.69412	0.06612	0.10000	0.00000	590073.69437	0.06586	0.5000
5053:	82	29	53	81	29	52	590073.76023	590073.69462	0.06561	0.10000	0.00000	590073.69437	0.06586	0.5000
5054:	80	20	61	79	20	60	590665.44676	590665.42504	0.02172	0.10000	0.00000			
5055:	78	18	60	77	18	59	590936.73404	590936.63454	0.09950	0.10000	0.00000			
5056:	82	28	54	81	28	53	591190.40467	591190.29967	0.10500	0.10000	0.00000			
5057:	81	17	64	80	17	63	591678.71498	591678.59662	0.11835	0.10000	0.00000			
5058:	87	13	75	86	13	74	591726.07712	591725.97805	0.09907	0.10000	0.00000	591725.97924	0.09789	0.5000
5059:	87	12	75	86	12	74	591726.07712	591725.98042	0.09670	0.10000	0.00000	591725.97924	0.09789	0.5000
5060:	86	14	73	85	14	72	591811.75750	591811.72289	0.03461	0.10000	0.00000	591811.75024	0.00726	0.2500
5061:	86	13	73	85	13	72	591811.75750	591811.77759	-0.02009	0.10000	0.00000	591811.75024	0.00726	0.2500
5062:	86	14	73	85	13	72	591811.75750	591811.85119	-0.09369	0.10000	0.00000	591811.75024	0.00726	0.2500
5063:	86	13	73	85	14	72	591811.75750	591811.64929	0.10821	0.10000	0.00000	591811.75024	0.00726	0.2500
5064:	89	10	79	88	10	78	591899.97498	591899.98209	-0.00710	0.10000	0.00000	591899.98208	-0.00710	0.2500
5065:	89	10	79	88	11	78	591899.97498	591899.98208	-0.00710	0.10000	0.00000	591899.98208	-0.00710	0.2500
5066:	89	11	79	88	10	78	591899.97498	591899.98209	-0.00710	0.10000	0.00000	591899.98208	-0.00710	0.2500
5067:	89	11	79	88	11	78	591899.97498	591899.98208	-0.00710	0.10000	0.00000	591899.98208	-0.00710	0.2500
5068:	47	19	28	46	18	29	592009.19921	592009.24413	-0.04492	0.10000	0.00000	592009.22714	-0.02792	0.5000
5069:	47	19	29	46	18	28	592009.19921	592009.21014	-0.01093	0.10000	0.00000	592009.22714	-0.02792	0.5000
5070:	90	9	81	89	9	80	592096.39565	592096.34186	0.05378	0.10000	0.00000	592096.34186	0.05378	0.2500
5071:	90	9	81	89	10	80	592096.39565	592096.34186	0.05378	0.10000	0.00000	592096.34186	0.05378	0.2500
5072:	90	10	81	89	9	80	592096.39565	592096.34187	0.05378	0.10000	0.00000	592096.34186	0.05378	0.2500
5073:	90	10	81	89	10	80	592096.39565	592096.34186	0.05378	0.10000	0.00000	592096.34186	0.05378	0.2500
5074:	81	23	59	80	23	58	592332.42349	592332.34372	0.07977	0.10000	0.00000			
5075:	91	8	83	90	9	82	592339.49018	592339.51208	-0.02190	0.10000	0.00000	592339.51208	-0.02190	0.2500
5076:	91	9	83	90	8	82	592339.49018	592339.51208	-0.02190	0.10000	0.00000	592339.51208	-0.02190	0.2500
5077:	91	9	83	90	9	82	592339.49018	592339.51208	-0.02190	0.10000	0.00000	592339.51208	-0.02190	0.2500
5078:	91	8	83	90	8	82	592339.49018	592339.51208	-0.02190	0.10000	0.00000	592339.51208	-0.02190	0.2500
5079:	81	23	58	80	23	57	592568.78002	592568.72491	0.05511	0.10000	0.00000			
5080:	92	7	85	91	8	84	592616.37899	592616.83825	-0.45926	0.10000	0.00000	592616.83825	-0.45926	0.2500
5081:	92	8	85	91	7	84	592616.37899	592616.83825	-0.45926	0.10000	0.00000	592616.83825	-0.45926	0.2500
5082:	92	8	85	91	8	84	592616.37899	592616.83825	-0.45926	0.10000	0.00000	592616.83825	-0.45926	0.2500
5083:	92	7	85	91	7	84	592616.37899	592616.83825	-0.45926	0.10000	0.00000	592616.83825	-0.45926	0.2500
5084:	84	16	69	83	16	68	592643.66443	592643.68062	-0.01618	0.10000	0.00000			
5085:	93	6	87	92	6	86	592918.91630	592919.01212	-0.09582	0.10000	0.00000	592919.01212	-0.09582	0.2500
5086:	93	6	87	92	7	86	592918.91630	592919.01212	-0.09582	0.10000	0.00000	592919.01212	-0.09582	0.2500
5087:	93	7	87	92	6	86	592918.91630	592919.01212	-0.09582	0.10000	0.00000	592919.01212	-0.09582	0.2500
5088:	93	7	87	92	7	86	592918.91630	592919.01212	-0.09582	0.10000	0.00000	592919.01212	-0.09582	0.2500
5089:	45	20	25	44	19	26	593083.97298	593083.87770	0.09528	0.10000	0.00000	593083.87754	0.09544	0.5000
5090:	45	20	26	44	19	25	593083.97298	593083.87738	0.09560	0.10000	0.00000	593083.87754	0.09544	0.5000
5091:	78	19	59	77	19	58	593208.20304	593208.16507	0.03797	0.10000	0.00000			
5092:	94	5	89	93	6	88	593239.01822	593239.04806	-0.02984	0.10000	0.00000	593239.04806	-0.02984	0.2500
5093:	94	6	89	93	5	88	593239.01822	593239.04806	-0.02984	0.10000	0.00000	593239.04806	-0.02984	0.2500
5094:	94	6	89	93	6	88	593239.01822	593239.04806	-0.02984	0.10000	0.00000	593239.04806	-0.02984	0.2500
5095:	94	5	89	93	5	88	593239.01822	593239.04806	-0.02984	0.10000	0.00000	593239.04806	-0.02984	0.2500
5096:	52	17	36	51	16	35	593400.50814	593400.45790	0.05025	0.10000	0.00000			
5097:	95	4	91	94	4	90	593571.69025	593571.61653	0.07372	0.10000	0.00000	593571.61653	0.07372	0.2500
5098:	95	4	91	94	5	90	593571.69025	593571.61653	0.07372	0.10000	0.00000	593571.61653	0.07372	0.2500
5099:	95	5	91	94	4	90	593571.69025	593571.61653	0.07372	0.10000	0.00000	593571.61653	0.07372	0.2500
5100:	95	5	91	94	5	90	593571.69025	593571.61653	0.07372	0.10000	0.00000	593571.61653	0.07372	0.2500

5101:	83	17	67	82	17	66	593614.64904	593614.69481	-0.04577	0.10000	0.00000	593754.21106	0.02428	0.5000
5102:	43	21	23	42	20	22	593754.23534	593754.21106	0.02428	0.10000	0.00000	593754.21106	0.02428	0.5000
5103:	43	21	22	42	20	23	593754.23534	593754.21106	0.02428	0.10000	0.00000	593754.21106	0.02428	0.5000
5104:	83	16	67	82	16	66	593813.99528	593813.95414	0.04115	0.10000	0.00000	593912.59549	-0.15302	0.2500
5105:	96	3	93	95	3	92	593912.44248	593912.59549	-0.15302	0.10000	0.00000	593912.59549	-0.15302	0.2500
5106:	96	3	93	95	4	92	593912.44248	593912.59549	-0.15302	0.10000	0.00000	593912.59549	-0.15302	0.2500
5107:	96	4	93	95	3	92	593912.44248	593912.59549	-0.15302	0.10000	0.00000	593912.59549	-0.15302	0.2500
5108:	96	4	93	95	4	92	593912.44248	593912.59549	-0.15302	0.10000	0.00000	593912.59549	-0.15302	0.2500
5109:	80	21	59	79	21	58	594052.16775	594052.19423	-0.02648	0.10000	0.00000	594172.90253	0.01093	0.5000
5110:	79	20	59	78	20	58	594105.42356	594105.27561	0.14795	0.10000	0.00000	594172.90253	0.01093	0.5000
5111:	41	22	19	40	21	20	594172.91346	594172.90253	0.01093	0.10000	0.00000	594258.75990	-0.00602	0.2500
5112:	41	22	20	40	21	19	594172.91346	594172.90253	0.01093	0.10000	0.00000	594258.75990	-0.00602	0.2500
5113:	97	2	95	96	3	94	594258.75388	594258.75990	-0.00602	0.10000	0.00000	594258.75990	-0.00602	0.2500
5114:	97	3	95	96	2	94	594258.75388	594258.75990	-0.00602	0.10000	0.00000	594258.75990	-0.00602	0.2500
5115:	97	3	95	96	3	94	594258.75388	594258.75990	-0.00602	0.10000	0.00000	594258.75990	-0.00602	0.2500
5116:	97	2	95	96	2	94	594258.75388	594258.75990	-0.00602	0.10000	0.00000	594258.75990	-0.00602	0.2500
5117:	39	23	17	38	22	16	594432.34636	594432.36292	-0.01656	0.10000	0.00000	594432.36292	-0.01656	0.5000
5118:	39	23	16	38	22	17	594432.34636	594432.36292	-0.01656	0.10000	0.00000	594432.36292	-0.01656	0.5000
5119:	37	24	14	36	23	13	594590.69463	594590.70503	-0.01040	0.10000	0.00000	594590.70503	-0.01040	0.5000
5120:	37	24	13	36	23	14	594590.69463	594590.70503	-0.01040	0.10000	0.00000	594590.70503	-0.01040	0.5000
5121:	98	1	97	97	1	96	594607.40494	594607.56164	-0.15670	0.10000	0.00000	594607.56164	-0.15670	0.2500
5122:	98	1	97	97	2	96	594607.40494	594607.56164	-0.15670	0.10000	0.00000	594607.56164	-0.15670	0.2500
5123:	98	2	97	97	1	96	594607.40494	594607.56164	-0.15670	0.10000	0.00000	594607.56164	-0.15670	0.2500
5124:	98	2	97	97	2	96	594607.40494	594607.56164	-0.15670	0.10000	0.00000	594607.56164	-0.15670	0.2500
5125:	35	25	11	34	24	10	594685.31079	594685.32518	-0.01440	0.10000	0.00000	594685.32518	-0.01440	0.5000
5126:	35	25	10	34	24	11	594685.31079	594685.32518	-0.01440	0.10000	0.00000	594685.32518	-0.01440	0.5000
5127:	33	26	8	32	25	7	594740.75179	594740.58128	0.17052	0.10000	0.00000	594740.58128	0.17052	0.5000
5128:	33	26	7	32	25	8	594740.75179	594740.58128	0.17052	0.10000	0.00000	594740.58128	0.17052	0.5000
5129:	31	27	4	30	26	5	594772.36366	594772.38557	-0.02191	0.10000	0.00000	594772.38557	-0.02191	0.5000
5130:	31	27	5	30	26	4	594772.36366	594772.38557	-0.02191	0.10000	0.00000	594772.38557	-0.02191	0.5000
5131:	29	28	2	28	27	1	594791.05935	594791.06966	-0.01031	0.10000	0.00000	594791.06966	-0.01031	0.5000
5132:	29	28	1	28	27	2	594791.05935	594791.06966	-0.01031	0.10000	0.00000	594791.06966	-0.01031	0.5000
5133:	81	19	63	80	19	62	594919.34698	594919.39486	-0.04788	0.10000	0.00000	594919.39486	-0.04788	0.5000
5134:	99	0	99	98	0	98	594956.73669	594956.97046	-0.23377	0.10000	0.00000	594956.97046	-0.23377	0.2500
5135:	99	0	99	98	1	98	594956.73669	594956.97046	-0.23377	0.10000	0.00000	594956.97046	-0.23377	0.2500
5136:	99	1	99	98	0	98	594956.73669	594956.97046	-0.23377	0.10000	0.00000	594956.97046	-0.23377	0.2500
5137:	99	1	99	98	1	98	594956.73669	594956.97046	-0.23377	0.10000	0.00000	594956.97046	-0.23377	0.2500
5138:	83	31	53	82	31	52	595642.60510	595642.63866	-0.03356	0.10000	0.00000	595642.63866	-0.03356	0.5000
5139:	83	31	52	82	31	51	595642.60510	595642.63866	-0.03357	0.10000	0.00000	595642.63866	-0.03356	0.5000
5140:	82	25	58	81	25	57	595708.77065	595708.80141	-0.03076	0.10000	0.00000	595708.80141	-0.03076	0.5000
5141:	82	25	57	81	25	56	595715.60226	595715.71831	-0.11605	0.10000	0.00000	595715.71831	-0.11605	0.5000
5142:	81	22	59	80	22	58	596488.51115	596488.18140	0.32975	0.10000	0.00000	596488.18140	0.32975	0.5000
5143:	83	30	53	82	30	52	596558.88208	596558.85181	0.03027	0.10000	0.00000	596558.85181	0.03027	0.5000
5144:	83	30	54	82	30	53	596558.88208	596558.85174	0.03034	0.10000	0.00000	596558.85174	0.03034	0.5000
5145:	82	17	65	81	17	64	596678.10612	596678.16453	-0.05842	0.10000	0.00000	596678.16453	-0.05842	0.5000
5146:	81	21	61	80	21	60	597507.74712	597507.39734	0.34978	0.10000	0.00000	597507.39734	0.34978	0.5000
5147:	88	13	76	87	13	75	597635.42392	597635.51869	-0.09477	0.10000	0.00000	597635.51869	-0.09477	0.2500
5148:	88	12	76	87	12	75	597635.42392	597635.52002	-0.09610	0.10000	0.00000	597635.52002	-0.09610	0.2500
5149:	88	13	76	87	12	75	597635.42392	597635.52170	-0.09778	0.10000	0.00000	597635.52170	-0.09778	0.2500

5150:	88	12	76	87	13	75	597635.42392	597635.51701	-0.09309	0.10000	0.00000	597635.51936	-0.09544	0.2500
5151:	89	11	78	88	12	77	597690.71968	597690.47610	0.24358	0.10000	0.00000	597690.47618	0.24349	0.3333
5152:	89	11	78	88	11	77	597690.71968	597690.47620	0.24348	0.10000	0.00000	597690.47618	0.24349	0.3333
5153:	89	12	78	88	11	77	597690.71968	597690.47626	0.24342	0.10000	0.00000	597690.47618	0.24349	0.3333
5154:	87	13	74	86	13	73	597701.47108	597701.46270	0.00837	0.10000	0.00000	597701.46622	0.00486	0.3333
5155:	87	14	74	86	13	73	597701.47108	597701.50478	-0.03370	0.10000	0.00000	597701.46622	0.00486	0.3333
5156:	87	14	74	86	14	73	597701.47108	597701.43118	0.03990	0.10000	0.00000	597701.46622	0.00486	0.3333
5157:	82	24	59	81	24	58	597818.84850	597818.83892	0.00957	0.10000	0.00000			
5158:	90	10	80	89	11	79	597830.95435	597830.91966	0.03469	0.10000	0.00000	597830.91967	0.03469	0.2500
5159:	90	11	80	89	10	79	597830.95435	597830.91967	0.03468	0.10000	0.00000	597830.91967	0.03469	0.2500
5160:	90	11	80	89	11	79	597830.95435	597830.91967	0.03469	0.10000	0.00000	597830.91967	0.03469	0.2500
5161:	90	10	80	89	10	79	597830.95435	597830.91967	0.03468	0.10000	0.00000	597830.91967	0.03469	0.2500
5162:	82	24	58	81	24	57	597874.00658	597874.03140	-0.02482	0.10000	0.00000			
5163:	81	20	62	80	20	61	597920.52725	597920.46127	0.06598	0.10000	0.00000			
5164:	91	9	82	90	10	81	598033.03906	598033.01157	0.02749	0.10000	0.00000	598033.01157	0.02749	0.2500
5165:	91	10	82	90	9	81	598033.03906	598033.01157	0.02749	0.10000	0.00000	598033.01157	0.02749	0.2500
5166:	91	10	82	90	10	81	598033.03906	598033.01157	0.02749	0.10000	0.00000	598033.01157	0.02749	0.2500
5167:	91	9	82	90	9	81	598033.03906	598033.01157	0.02749	0.10000	0.00000	598033.01157	0.02749	0.2500
5168:	92	8	84	91	8	83	598279.97835	598280.05618	-0.07783	0.10000	0.00000	598280.05618	-0.07783	0.2500
5169:	92	8	84	91	9	83	598279.97835	598280.05618	-0.07783	0.10000	0.00000	598280.05618	-0.07783	0.2500
5170:	92	9	84	91	8	83	598279.97835	598280.05618	-0.07783	0.10000	0.00000	598280.05618	-0.07783	0.2500
5171:	92	9	84	91	9	83	598279.97835	598280.05618	-0.07783	0.10000	0.00000	598280.05618	-0.07783	0.2500
5172:	85	16	70	84	16	69	598450.90304	598450.83521	0.06783	0.10000	0.00000			
5173:	93	7	86	92	7	85	598560.03655	598560.00184	0.03472	0.10000	0.00000	598560.00184	0.03472	0.2500
5174:	93	7	86	92	8	85	598560.03655	598560.00184	0.03472	0.10000	0.00000	598560.00184	0.03472	0.2500
5175:	93	8	86	92	7	85	598560.03655	598560.00184	0.03472	0.10000	0.00000	598560.00184	0.03472	0.2500
5176:	93	8	86	92	8	85	598560.03655	598560.00184	0.03472	0.10000	0.00000	598560.00184	0.03472	0.2500
5177:	48	19	29	47	18	30	598722.48796	598722.54545	-0.05749	0.10000	0.00000	598722.50832	-0.02036	0.5000
5178:	48	19	30	47	18	29	598722.48796	598722.47119	0.01678	0.10000	0.00000	598722.50832	-0.02036	0.5000
5179:	83	28	55	82	28	54	598757.28064	598757.26407	0.01657	0.10000	0.00000	598757.25792	0.02272	0.5000
5180:	83	28	56	82	28	55	598757.28064	598757.25177	0.02887	0.10000	0.00000	598757.25792	0.02272	0.5000
5181:	94	6	88	93	6	87	598863.99705	598863.93860	0.05845	0.10000	0.00000	598863.93860	0.05845	0.5000
5182:	94	7	88	93	6	87	598863.99705	598863.93860	0.05845	0.10000	0.00000	598863.93860	0.05845	0.5000
5183:	95	6	90	94	5	89	599185.01538	599185.15056	-0.13518	0.10000	0.00000	599185.15056	-0.13518	0.3333
5184:	95	6	90	94	6	89	599185.01538	599185.15056	-0.13518	0.10000	0.00000	599185.15056	-0.13518	0.3333
5185:	95	5	90	94	5	89	599185.01538	599185.15056	-0.13518	0.10000	0.00000	599185.15056	-0.13518	0.3333
5186:	84	17	68	83	17	67	599352.33537	599352.32338	0.01199	0.10000	0.00000			
5187:	84	16	68	83	16	67	599479.92300	599479.84529	0.07771	0.10000	0.00000			
5188:	96	4	92	95	5	91	599518.49372	599518.49436	-0.00064	0.10000	0.00000	599518.49436	-0.00064	0.5000
5189:	96	5	92	95	5	91	599518.49372	599518.49436	-0.00064	0.10000	0.00000	599518.49436	-0.00064	0.5000
5190:	97	3	94	96	4	93	599859.98238	599859.97824	0.00414	0.10000	0.00000	599859.97824	0.00414	0.3333
5191:	97	4	94	96	4	93	599859.98238	599859.97824	0.00414	0.10000	0.00000	599859.97824	0.00414	0.3333
5192:	97	3	94	96	3	93	599859.98238	599859.97824	0.00414	0.10000	0.00000	599859.97824	0.00414	0.3333
5193:	46	20	27	45	19	26	599918.11264	599918.07626	0.03638	0.10000	0.00000	599918.07664	0.03600	0.5000
5194:	46	20	26	45	19	27	599918.11264	599918.07703	0.03561	0.10000	0.00000	599918.07664	0.03600	0.5000
5195:	98	2	96	97	3	95	600206.43733	600206.46929	-0.03197	0.10000	0.00000	600206.46929	-0.03197	0.2500
5196:	98	3	96	97	2	95	600206.43733	600206.46929	-0.03197	0.10000	0.00000	600206.46929	-0.03197	0.2500
5197:	98	3	96	97	3	95	600206.43733	600206.46929	-0.03197	0.10000	0.00000	600206.46929	-0.03197	0.2500
5198:	98	2	96	97	2	95	600206.43733	600206.46929	-0.03197	0.10000	0.00000	600206.46929	-0.03197	0.2500

5199:	99	1	98	98	1	97	600555.46806	600555.48495	-0.01689	0.10000	0.00000	600555.48495	-0.01689	0.3333
5200:	99	1	98	98	2	97	600555.46806	600555.48495	-0.01689	0.10000	0.00000	600555.48495	-0.01689	0.3333
5201:	99	2	98	98	2	97	600555.46806	600555.48495	-0.01689	0.10000	0.00000	600555.48495	-0.01689	0.3333
5202:	83	18	66	82	18	65	600628.76330	600628.61712	0.14619	0.10000	0.00000	600628.61712	0.14619	0.5000
5203:	44	21	24	43	20	23	600666.77883	600666.77115	0.00767	0.10000	0.00000	600666.77115	0.00767	0.5000
5204:	44	21	23	43	20	24	600666.77883	600666.77116	0.00767	0.10000	0.00000	600666.77115	0.00767	0.5000
5205:	82	23	59	81	23	58	600733.48967	600733.37722	0.11245	0.10000	0.00000	600733.37722	0.11245	0.5000
5206:	84	34	50	83	34	49	600757.78448	600758.10127	-0.31679	0.10000	0.00000	600758.10127	-0.31679	0.5000
5207:	84	34	51	83	34	50	600757.78448	600758.10127	-0.31679	0.10000	0.00000	600758.10127	-0.31679	0.5000
5208:	100	1100	99	0	99	99	600905.01967	600905.04169	-0.02202	0.10000	0.00000	600905.04169	-0.02202	0.5000
5209:	100	0100	99	0	99	99	600905.01967	600905.04169	-0.02202	0.10000	0.00000	600905.04169	-0.02202	0.5000
5210:	42	22	21	41	21	20	601137.39452	601137.40215	-0.00762	0.10000	0.00000	601137.40215	-0.00762	0.5000
5211:	42	22	20	41	21	21	601137.39452	601137.40215	-0.00762	0.10000	0.00000	601137.40215	-0.00762	0.5000
5212:	82	19	64	81	19	63	601149.78157	601149.76878	0.01279	0.10000	0.00000	601149.76878	0.01279	0.5000
5213:	40	23	17	39	22	18	601431.55266	601431.55649	-0.00383	0.10000	0.00000	601431.55649	-0.00383	0.5000
5214:	40	23	18	39	22	17	601431.55266	601431.55649	-0.00383	0.10000	0.00000	601431.55649	-0.00383	0.5000
5215:	84	33	51	83	33	50	601458.98629	601459.17516	-0.18887	0.10000	0.00000	601459.17516	-0.18887	0.5000
5216:	38	24	15	37	23	14	601612.96152	601612.97916	-0.01765	0.10000	0.00000	601612.97916	-0.01765	0.5000
5217:	38	24	14	37	23	15	601612.96152	601612.97916	-0.01765	0.10000	0.00000	601612.97916	-0.01765	0.5000
5218:	79	19	60	78	19	59	601648.94821	601648.81658	-0.16838	0.10000	0.00000	601648.81658	-0.16838	0.5000
5219:	36	25	11	35	24	12	601722.70421	601722.71147	-0.00726	0.10000	0.00000	601722.71147	-0.00726	0.5000
5220:	34	26	8	33	25	9	601787.59404	601787.56025	0.03378	0.10000	0.00000	601787.56025	0.03378	0.5000
5221:	34	26	9	33	25	8	601787.59404	601787.56025	0.03378	0.10000	0.00000	601787.56025	0.03378	0.5000
5222:	85	49	36	84	49	35	601787.59404	601787.62693	-0.03290	0.10000	0.00000	601787.62693	-0.03290	0.5000
5223:	32	27	6	31	26	5	601825.16335	601825.12761	0.03575	0.10000	0.00000	601825.12761	0.03575	0.5000
5224:	32	27	5	31	26	6	601825.16335	601825.12761	0.03575	0.10000	0.00000	601825.12761	0.03575	0.5000
5225:	30	28	2	29	27	3	601846.89959	601846.93327	-0.03368	0.10000	0.00000	601846.93327	-0.03368	0.5000
5226:	30	28	3	29	27	2	601846.89959	601846.93327	-0.03368	0.10000	0.00000	601846.93327	-0.03368	0.5000
5227:	83	17	66	82	17	65	601857.18180	601857.10634	0.07546	0.10000	0.00000	601857.10634	0.07546	0.5000
5228:	84	31	54	83	31	53	603087.31732	603087.32409	-0.00676	0.10000	0.00000	603087.32409	-0.00676	0.5000
5229:	84	31	53	83	31	52	603087.31732	603087.32410	-0.00677	0.10000	0.00000	603087.32409	-0.00677	0.5000
5230:	89	12	77	88	13	76	603545.85694	603545.92052	-0.06358	0.10000	0.00000	603545.92182	-0.06489	0.2500
5231:	89	13	77	88	13	76	603545.85694	603545.92145	-0.06452	0.10000	0.00000	603545.92182	-0.06489	0.2500
5232:	89	12	77	88	12	76	603545.85694	603545.92220	-0.06526	0.10000	0.00000	603545.92182	-0.06489	0.2500
5233:	89	13	77	88	12	76	603545.85694	603545.92313	-0.06620	0.10000	0.00000	603545.92182	-0.06489	0.2500
5234:	81	21	60	80	21	59	603706.47586	603706.35726	0.11859	0.10000	0.00000	603706.35726	0.11859	0.5000
5235:	91	10	81	90	10	80	603761.20876	603761.52823	-0.31947	0.10000	0.00000	603761.52823	-0.31947	0.2500
5236:	91	10	81	90	11	80	603761.20876	603761.52823	-0.31946	0.10000	0.00000	603761.52823	-0.31947	0.2500
5237:	91	11	81	90	10	80	603761.20876	603761.52823	-0.31947	0.10000	0.00000	603761.52823	-0.31947	0.2500
5238:	91	11	81	90	11	80	603761.20876	603761.52823	-0.31946	0.10000	0.00000	603761.52823	-0.31947	0.2500
5239:	92	9	83	91	10	82	603969.08249	603969.08201	0.00049	0.10000	0.00000	603969.08201	0.00049	0.2500
5240:	92	10	83	91	9	82	603969.08249	603969.08201	0.00049	0.10000	0.00000	603969.08201	0.00049	0.2500
5241:	92	10	83	91	10	82	603969.08249	603969.08201	0.00049	0.10000	0.00000	603969.08201	0.00049	0.2500
5242:	92	9	83	91	9	82	603969.08249	603969.08201	0.00049	0.10000	0.00000	603969.08201	0.00049	0.2500
5243:	84	30	55	83	30	54	604042.90347	604042.88069	0.02278	0.10000	0.00000	604042.88077	0.02271	0.5000
5244:	84	30	54	83	30	53	604042.90347	604042.88084	0.02263	0.10000	0.00000	604042.88077	0.02271	0.5000
5245:	80	20	60	79	20	59	604212.14770	604212.03383	0.11387	0.10000	0.00000	604212.03383	0.11387	0.5000
5246:	86	16	71	85	16	70	604266.20216	604266.25625	-0.05409	0.10000	0.00000	604266.25625	-0.05409	0.5000
5247:	86	15	71	85	15	70	604272.36052	604272.33367	0.02685	0.10000	0.00000	604272.33367	0.02685	0.5000

5248:	94	7	87	93	8	86	604502.35751	604502.29927	0.05824	0.10000	0.00000	604502.29927	0.05824	0.2500
5249:	94	8	87	93	7	86	604502.35751	604502.29927	0.05824	0.10000	0.00000	604502.29927	0.05824	0.2500
5250:	94	8	87	93	8	86	604502.35751	604502.29927	0.05824	0.10000	0.00000	604502.29927	0.05824	0.2500
5251:	94	7	87	93	7	86	604502.35751	604502.29927	0.05824	0.10000	0.00000	604502.29927	0.05824	0.2500
5252:	81	18	63	80	18	62	604517.56934	604517.42346	0.14588	0.10000	0.00000			
5253:	95	6	89	94	6	88	604808.08839	604807.93797	0.15042	0.10000	0.00000	604807.93797	0.15042	0.2500
5254:	95	6	89	94	7	88	604808.08839	604807.93797	0.15042	0.10000	0.00000	604807.93797	0.15042	0.2500
5255:	95	7	89	94	6	88	604808.08839	604807.93797	0.15042	0.10000	0.00000	604807.93797	0.15042	0.2500
5256:	95	7	89	94	7	88	604808.08839	604807.93797	0.15042	0.10000	0.00000	604807.93797	0.15042	0.2500
5257:	85	17	69	84	17	68	605098.85224	605098.79621	0.05603	0.10000	0.00000			
5258:	84	29	55	83	29	54	605118.64634	605118.63334	0.01299	0.10000	0.00000	605118.63237	0.01397	0.5000
5259:	84	29	56	83	29	55	605118.64634	605118.63139	0.01495	0.10000	0.00000	605118.63237	0.01397	0.5000
5260:	96	5	91	95	5	90	605130.27354	605130.29040	-0.01686	0.10000	0.00000	605130.29040	-0.01686	0.2500
5261:	96	5	91	95	6	90	605130.27354	605130.29040	-0.01686	0.10000	0.00000	605130.29040	-0.01686	0.2500
5262:	96	6	91	95	5	90	605130.27354	605130.29040	-0.01686	0.10000	0.00000	605130.29040	-0.01686	0.2500
5263:	96	6	91	95	6	90	605130.27354	605130.29040	-0.01686	0.10000	0.00000	605130.29040	-0.01686	0.2500
5264:	82	22	60	81	22	59	605255.86170	605255.75705	0.10465	0.10000	0.00000			
5265:	82	21	62	81	21	61	605296.03052	605296.01730	0.01322	0.10000	0.00000			
5266:	97	4	93	96	4	92	605464.38570	605464.38989	-0.00419	0.10000	0.00000	605464.38989	-0.00419	0.2500
5267:	97	4	93	96	5	92	605464.38570	605464.38989	-0.00419	0.10000	0.00000	605464.38989	-0.00419	0.2500
5268:	97	5	93	96	4	92	605464.38570	605464.38989	-0.00419	0.10000	0.00000	605464.38989	-0.00419	0.2500
5269:	97	5	93	96	5	92	605464.38570	605464.38989	-0.00419	0.10000	0.00000	605464.38989	-0.00419	0.2500
5270:	83	24	60	82	24	59	605750.16958	605750.34368	-0.17409	0.10000	0.00000			
5271:	54	17	37	53	16	38	605800.75117	605801.10044	-0.34926	0.10000	0.00000			
5272:	98	3	95	97	3	94	605806.35245	605806.36890	-0.01646	0.10000	0.00000	605806.36890	-0.01646	0.2500
5273:	98	3	95	97	4	94	605806.35245	605806.36890	-0.01646	0.10000	0.00000	605806.36890	-0.01646	0.2500
5274:	98	4	95	97	3	94	605806.35245	605806.36890	-0.01646	0.10000	0.00000	605806.36890	-0.01646	0.2500
5275:	98	4	95	97	4	94	605806.35245	605806.36890	-0.01646	0.10000	0.00000	605806.36890	-0.01646	0.2500
5276:	99	2	97	98	3	96	606153.14225	606153.18267	-0.04042	0.10000	0.00000	606153.18267	-0.04042	0.2500
5277:	99	3	97	98	2	96	606153.14225	606153.18267	-0.04042	0.10000	0.00000	606153.18267	-0.04042	0.2500
5278:	99	3	97	98	3	96	606153.14225	606153.18267	-0.04042	0.10000	0.00000	606153.18267	-0.04042	0.2500
5279:	99	2	97	98	2	96	606153.14225	606153.18267	-0.04042	0.10000	0.00000	606153.18267	-0.04042	0.2500
5280:	84	18	67	83	18	66	606353.87476	606353.86066	0.01411	0.10000	0.00000			
5281:	100	1	99	99	1	98	606502.43029	606502.41156	0.01873	0.10000	0.00000	606502.41156	0.01873	0.2500
5282:	100	1	99	99	2	98	606502.43029	606502.41156	0.01873	0.10000	0.00000	606502.41156	0.01873	0.2500
5283:	100	2	99	99	1	98	606502.43029	606502.41156	0.01873	0.10000	0.00000	606502.41156	0.01873	0.2500
5284:	100	2	99	99	2	98	606502.43029	606502.41156	0.01873	0.10000	0.00000	606502.41156	0.01873	0.2500
5285:	47	20	27	46	19	28	606728.64676	606728.46412	0.18264	0.10000	0.00000	606728.46320	0.18355	0.5000
5286:	47	20	28	46	19	27	606728.64676	606728.46229	0.18447	0.10000	0.00000	606728.46320	0.18355	0.5000
5287:	101	010100	0100				606852.11413	606852.11711	-0.00298	0.10000	0.00000	606852.11711	-0.00298	0.2500
5288:	101	010100	1100				606852.11413	606852.11711	-0.00298	0.10000	0.00000	606852.11711	-0.00298	0.2500
5289:	101	110100	0100				606852.11413	606852.11711	-0.00298	0.10000	0.00000	606852.11711	-0.00298	0.2500
5290:	101	110100	1100				606852.11413	606852.11711	-0.00298	0.10000	0.00000	606852.11711	-0.00298	0.2500
5291:	83	19	65	82	19	64	607229.89655	607229.85245	0.04410	0.10000	0.00000			
5292:	45	21	25	44	20	24	607562.59872	607562.61897	-0.02025	0.10000	0.00000	607562.61897	-0.02026	0.5000
5293:	45	21	24	44	20	25	607562.59872	607562.61898	-0.02027	0.10000	0.00000	607562.61897	-0.02026	0.5000
5294:	84	27	58	83	27	57	607750.24568	607750.05732	0.18837	0.10000	0.00000	607750.18176	0.06393	0.5000
5295:	84	27	57	83	27	56	607750.24568	607750.30620	-0.06051	0.10000	0.00000	607750.18176	0.06393	0.5000
5296:	43	22	22	42	21	21	608089.88848	608089.96965	-0.08117	0.10000	0.00000	608089.96965	-0.08117	0.5000

5297:	43	22	21	42	21	22	608089.88848	608089.96965	-0.08117	0.10000	0.00000	608089.96965	-0.08117	0.5000
5298:	85	34	52	84	34	51	608120.07948	608120.39627	-0.31679	0.10000	0.00000	608120.39627	-0.31679	0.5000
5299:	85	34	51	84	34	50	608120.07948	608120.39627	-0.31679	0.10000	0.00000	608120.39627	-0.31679	0.5000
5300:	83	23	61	82	23	60	608413.55493	608413.19883	0.35611	0.10000	0.00000	608413.19883	0.35611	0.5000
5301:	41	23	18	40	22	19	608422.10619	608422.17351	-0.06732	0.10000	0.00000	608422.17351	-0.06732	0.5000
5302:	41	23	19	40	22	18	608422.10619	608422.17351	-0.06732	0.10000	0.00000	608422.17351	-0.06732	0.5000
5303:	82	18	64	81	18	63	608622.99141	608623.06244	-0.07103	0.10000	0.00000	608623.06244	-0.07103	0.5000
5304:	39	24	16	38	23	15	608629.04510	608629.09501	-0.04991	0.10000	0.00000	608629.09501	-0.04991	0.5000
5305:	39	24	15	38	23	16	608629.04510	608629.09501	-0.04991	0.10000	0.00000	608629.09501	-0.04991	0.5000
5306:	37	25	12	36	24	13	608755.76792	608755.70970	0.05821	0.10000	0.00000	608755.70970	0.05821	0.5000
5307:	37	25	13	36	24	12	608755.76792	608755.70970	0.05821	0.10000	0.00000	608755.70970	0.05821	0.5000
5308:	35	26	10	34	25	9	608831.34108	608831.45701	-0.11593	0.10000	0.00000	608831.45701	-0.11593	0.5000
5309:	35	26	9	34	25	10	608831.34108	608831.45701	-0.11593	0.10000	0.00000	608831.45701	-0.11593	0.5000
5310:	85	33	53	84	33	52	608848.66692	608849.00889	-0.34198	0.10000	0.00000	608849.00889	-0.34198	0.5000
5311:	85	33	52	84	33	51	608848.66692	608849.00889	-0.34198	0.10000	0.00000	608849.00889	-0.34198	0.5000
5312:	33	27	6	32	26	7	608875.75465	608875.75165	0.00301	0.10000	0.00000	608875.75165	0.00301	0.5000
5313:	33	27	7	32	26	6	608875.75465	608875.75165	0.00301	0.10000	0.00000	608875.75165	0.00301	0.5000
5314:	31	28	4	30	27	3	608901.40847	608901.38704	0.02143	0.10000	0.00000	608901.38704	0.02143	0.5000
5315:	31	28	3	30	27	4	608901.40847	608901.38704	0.02143	0.10000	0.00000	608901.38704	0.02143	0.5000
5316:	29	29	1	28	28	0	608916.66771	608916.71238	-0.04468	0.10000	0.00000	608916.71238	-0.04468	0.5000
5317:	29	29	0	28	28	1	608916.66771	608916.71238	-0.04468	0.10000	0.00000	608916.71238	-0.04468	0.5000
5318:	83	23	60	82	23	59	609004.12646	609004.07866	0.04780	0.10000	0.00000	609004.07866	0.04780	0.5000
5319:	80	19	61	79	19	60	609228.31014	609228.27743	0.03271	0.10000	0.00000	609228.27743	0.03271	0.5000
5320:	84	26	59	83	26	58	609396.34016	609396.19875	0.14140	0.10000	0.00000	609396.19875	0.14140	0.5000
5321:	84	26	58	83	26	57	609398.76928	609398.58219	0.18709	0.10000	0.00000	609398.58219	0.18709	0.5000
5322:	90	12	78	89	13	77	609457.03731	609457.04203	-0.00472	0.10000	0.00000	609457.04203	-0.00472	0.5000
5323:	90	13	78	89	13	77	609457.03731	609457.04255	-0.00524	0.10000	0.00000	609457.04255	-0.00524	0.5000
5324:	90	12	78	89	12	77	609457.03731	609457.04296	-0.00566	0.10000	0.00000	609457.04296	-0.00566	0.5000
5325:	90	13	78	89	12	77	609457.03731	609457.04348	-0.00618	0.10000	0.00000	609457.04348	-0.00618	0.5000
5326:	89	14	76	88	14	75	609487.41338	609487.06218	0.35120	0.10000	0.00000	609487.06218	0.35120	0.5000
5327:	89	13	76	88	13	75	609487.41338	609487.07254	0.34084	0.10000	0.00000	609487.07254	0.34084	0.5000
5328:	89	14	76	88	13	75	609487.41338	609487.08615	0.32723	0.10000	0.00000	609487.08615	0.32723	0.5000
5329:	89	13	76	88	14	75	609487.41338	609487.04857	0.36481	0.10000	0.00000	609487.04857	0.36481	0.5000
5330:	91	11	80	90	11	79	609536.03182	609535.55079	0.48103	0.10000	0.00000	609535.55079	0.48103	0.5000
5331:	91	11	80	90	12	79	609536.03182	609535.55076	0.48106	0.10000	0.00000	609535.55076	0.48106	0.5000
5332:	91	12	80	90	11	79	609536.03182	609535.55081	0.48102	0.10000	0.00000	609535.55078	0.48104	0.5000
5333:	91	12	80	90	12	79	609536.03182	609535.55078	0.48105	0.10000	0.00000	609535.55078	0.48104	0.5000
5334:	92	11	82	91	10	81	609692.18641	609691.75622	0.43019	0.10000	0.00000	609691.75622	0.43019	0.5000
5335:	92	11	82	91	11	81	609692.18641	609691.75622	0.43019	0.10000	0.00000	609691.75622	0.43019	0.5000
5336:	92	10	82	91	10	81	609692.18641	609691.75622	0.43019	0.10000	0.00000	609691.75622	0.43019	0.5000
5337:	93	9	84	92	9	83	609904.51064	609904.51968	-0.00904	0.10000	0.00000	609904.51968	-0.00904	0.5000
5338:	93	9	84	92	10	83	609904.51064	609904.51968	-0.00904	0.10000	0.00000	609904.51968	-0.00904	0.5000
5339:	93	10	84	92	9	83	609904.51064	609904.51968	-0.00904	0.10000	0.00000	609904.51968	-0.00904	0.5000
5340:	93	10	84	92	10	83	609904.51064	609904.51968	-0.00904	0.10000	0.00000	609904.51968	-0.00904	0.5000
5341:	87	16	72	86	16	71	610089.17641	610089.25361	-0.07720	0.10000	0.00000	610089.25361	-0.07720	0.5000
5342:	87	15	72	86	15	71	610092.97008	610092.93873	0.03135	0.10000	0.00000	610092.93873	0.03135	0.5000
5343:	94	8	86	93	8	85	610158.80599	610158.82644	-0.02045	0.10000	0.00000	610158.82644	-0.02045	0.5000
5344:	94	8	86	93	9	85	610158.80599	610158.82644	-0.02045	0.10000	0.00000	610158.82644	-0.02045	0.5000
5345:	94	9	86	93	8	85	610158.80599	610158.82644	-0.02045	0.10000	0.00000	610158.82644	-0.02045	0.5000

5346:	94	9	86	93	9	85	610158.80599	610158.82644	-0.02045	0.10000	0.00000	610158.82644	-0.02045	0.2500
5347:	95	7	88	94	8	87	610443.49585	610443.71326	-0.21742	0.10000	0.00000	610443.71326	-0.21742	0.2500
5348:	95	8	88	94	7	87	610443.49585	610443.71326	-0.21742	0.10000	0.00000	610443.71326	-0.21742	0.2500
5349:	95	8	88	94	8	87	610443.49585	610443.71326	-0.21742	0.10000	0.00000	610443.71326	-0.21742	0.2500
5350:	95	7	88	94	7	87	610443.49585	610443.71326	-0.21742	0.10000	0.00000	610443.71326	-0.21742	0.2500
5351:	85	31	54	84	31	53	610543.72371	610543.79259	-0.06888	0.10000	0.00000	610543.79258	-0.06887	0.5000
5352:	85	31	55	84	31	54	610543.72371	610543.79257	-0.06885	0.10000	0.00000	610543.79258	-0.06887	0.5000
5353:	96	6	90	95	7	89	610750.80890	610750.99635	-0.18745	0.10000	0.00000	610750.99635	-0.18745	0.2500
5354:	96	7	90	95	6	89	610750.80890	610750.99635	-0.18745	0.10000	0.00000	610750.99635	-0.18745	0.2500
5355:	96	7	90	95	7	89	610750.80890	610750.99635	-0.18745	0.10000	0.00000	610750.99635	-0.18745	0.2500
5356:	96	6	90	95	6	89	610750.80890	610750.99635	-0.18745	0.10000	0.00000	610750.99635	-0.18745	0.2500
5357:	86	17	70	85	17	69	610855.47548	610855.24879	0.22670	0.10000	0.00000	610750.99635	-0.18745	0.2500
5358:	86	16	70	85	16	69	610906.40506	610906.23754	0.16752	0.10000	0.00000			
5359:	97	5	92	96	6	91	611074.35994	611074.45560	-0.09566	0.10000	0.00000	611074.45560	-0.09566	0.2500
5360:	97	6	92	96	5	91	611074.35994	611074.45560	-0.09566	0.10000	0.00000	611074.45560	-0.09566	0.2500
5361:	97	6	92	96	6	91	611074.35994	611074.45560	-0.09566	0.10000	0.00000	611074.45560	-0.09566	0.2500
5362:	97	5	92	96	5	91	611074.35994	611074.45560	-0.09566	0.10000	0.00000	611074.45560	-0.09566	0.2500
5363:	83	22	62	82	22	61	611210.13205	611209.97066	0.16139	0.10000	0.00000			
5364:	84	25	59	83	25	58	611376.05510	611375.96520	0.08990	0.10000	0.00000			
5365:	98	4	94	97	5	93	611409.66353	611409.29218	0.37135	0.10000	0.00000	611409.29218	0.37135	0.2500
5366:	98	5	94	97	4	93	611409.66353	611409.29218	0.37135	0.10000	0.00000	611409.29218	0.37135	0.2500
5367:	98	5	94	97	5	93	611409.66353	611409.29218	0.37135	0.10000	0.00000	611409.29218	0.37135	0.2500
5368:	98	4	94	97	4	93	611409.66353	611409.29218	0.37135	0.10000	0.00000	611409.29218	0.37135	0.2500
5369:	85	30	56	84	30	55	611540.26842	611540.37872	-0.11030	0.10000	0.00000	611540.37887	-0.11045	0.5000
5370:	85	30	55	84	30	54	611540.26842	611540.37902	-0.11060	0.10000	0.00000	611540.37887	-0.11045	0.5000
5371:	99	4	96	98	3	95	611751.95056	611751.75706	0.19351	0.10000	0.00000	611751.75706	0.19351	0.3333
5372:	99	4	96	98	4	95	611751.95056	611751.75706	0.19351	0.10000	0.00000	611751.75706	0.19351	0.3333
5373:	99	3	96	98	3	95	611751.95056	611751.75706	0.19351	0.10000	0.00000	611751.75706	0.19351	0.3333
5374:	100	2	98	99	2	97	612098.87670	612098.88985	-0.01315	0.10000	0.00000	612098.88985	-0.01315	0.2500
5375:	100	2	98	99	3	97	612098.87670	612098.88985	-0.01315	0.10000	0.00000	612098.88985	-0.01315	0.2500
5376:	100	3	98	99	2	97	612098.87670	612098.88985	-0.01315	0.10000	0.00000	612098.88985	-0.01315	0.2500
5377:	100	3	98	99	3	97	612098.87670	612098.88985	-0.01315	0.10000	0.00000	612098.88985	-0.01315	0.2500
5378:	101	1100100	2	99			612448.31780	612448.33142	-0.01362	0.10000	0.00000	612448.33142	-0.01362	0.3333
5379:	101	2100100	1	99			612448.31780	612448.33142	-0.01362	0.10000	0.00000	612448.33142	-0.01362	0.3333
5380:	101	1100100	1	99			612448.31780	612448.33142	-0.01362	0.10000	0.00000	612448.33142	-0.01362	0.3333
5381:	85	17	68	84	17	67	612611.68479	612611.70576	-0.02098	0.10000	0.00000			
5382:	85	29	57	84	29	56	612664.39155	612664.23827	0.15328	0.10000	0.00000	612664.24016	0.15140	0.5000
5383:	85	29	56	84	29	55	612664.39155	612664.24204	0.14951	0.10000	0.00000	612664.24016	0.15140	0.5000
5384:	102	0102101	1101				612798.22839	612798.18667	0.04172	0.10000	0.00000	612798.18667	0.04172	0.2500
5385:	102	0102101	0101				612798.22839	612798.18667	0.04172	0.10000	0.00000	612798.18667	0.04172	0.2500
5386:	102	1102101	1101				612798.22839	612798.18667	0.04172	0.10000	0.00000	612798.18667	0.04172	0.2500
5387:	102	0102101	0101				612798.22839	612798.18667	0.04172	0.10000	0.00000	612798.18667	0.04172	0.2500
5388:	83	18	65	82	18	64	612847.51431	612847.51431	-0.22717	0.10000	0.00000			
5389:	83	21	63	82	21	62	612945.94541	612945.82338	0.12204	0.10000	0.00000			
5390:	48	20	28	47	19	29	613513.22250	613513.23326	-0.01076	0.10000	0.00000	613513.23115	-0.00865	0.5000
5391:	48	20	29	47	19	28	613513.22250	613513.22905	-0.00654	0.10000	0.00000	613513.23115	-0.00865	0.5000
5392:	82	21	61	81	21	60	613670.76934	613670.76699	0.11235	0.10000	0.00000			
5393:	81	20	61	80	20	60	614060.55489	614060.54927	0.00563	0.10000	0.00000			
5394:	46	21	25	45	20	26	614440.48905	614440.50962	-0.02058	0.10000	0.00000	614440.50960	-0.02056	0.5000

5395:	46	21	26	45	20	25	614440.48905	614440.50959	-0.02054	0.10000	0.00000	614440.50960	-0.02056	0.5000
5396:	44	22	23	43	21	22	615029.63178	615029.69664	-0.06486	0.10000	0.00000	615029.69664	-0.06486	0.5000
5397:	44	22	23	43	21	23	615029.63178	615029.69664	-0.06486	0.10000	0.00000	615029.69664	-0.06486	0.5000
5398:	91	12	79	90	13	78	615369.03121	615368.75009	0.28121	0.10000	0.00000	615368.75040	0.28081	0.2500
5399:	91	13	79	90	13	78	615369.03121	615368.75029	0.28092	0.10000	0.00000	615368.75040	0.28081	0.2500
5400:	91	12	79	90	12	78	615369.03121	615368.75052	0.28069	0.10000	0.00000	615368.75040	0.28081	0.2500
5401:	91	13	79	90	12	78	615369.03121	615368.75080	0.28040	0.10000	0.00000	615368.75040	0.28081	0.2500
5402:	90	14	77	89	14	76	615382.18831	615382.49051	-0.30220	0.10000	0.00000	615382.49346	-0.30515	0.2500
5403:	90	13	77	89	13	76	615382.18831	615382.49641	-0.30810	0.10000	0.00000	615382.49346	-0.30515	0.2500
5404:	90	14	77	89	13	76	615382.18831	615382.50412	-0.31581	0.10000	0.00000	615382.49346	-0.30515	0.2500
5405:	90	13	77	89	14	76	615382.18831	615382.48280	-0.29449	0.10000	0.00000	615382.49346	-0.30515	0.2500
5406:	92	11	81	91	11	80	615458.02153	615458.05783	-0.03630	0.10000	0.00000	615458.05782	-0.03629	0.3333
5407:	92	11	81	91	12	80	615458.02153	615458.05782	-0.03629	0.10000	0.00000	615458.05782	-0.03629	0.3333
5408:	92	12	81	91	12	80	615458.02153	615458.05782	-0.03630	0.10000	0.00000	615458.05782	-0.03629	0.3333
5409:	86	34	53	85	34	52	615490.94621	615491.26825	-0.32203	0.10000	0.00000	615491.26825	-0.32203	0.5000
5410:	86	34	52	85	34	51	615490.94621	615491.26825	-0.32203	0.10000	0.00000	615491.26825	-0.32203	0.5000
5411:	40	24	17	39	23	16	615638.54041	615638.51990	0.02052	0.10000	0.00000	615638.51990	0.02052	0.5000
5412:	40	24	16	39	23	17	615638.54041	615638.51990	0.02052	0.10000	0.00000	615638.51990	0.02052	0.5000
5413:	38	25	13	37	24	14	615783.94985	615783.90142	0.04843	0.10000	0.00000	615783.90142	0.04843	0.5000
5414:	38	25	14	37	24	13	615783.94985	615783.90142	0.04843	0.10000	0.00000	615783.90142	0.04843	0.5000
5415:	94	9	85	93	10	84	615839.25998	615839.29276	-0.03278	0.10000	0.00000	615839.29276	-0.03278	0.2500
5416:	94	10	85	93	9	84	615839.25998	615839.29276	-0.03278	0.10000	0.00000	615839.29276	-0.03278	0.2500
5417:	94	10	85	93	10	84	615839.25998	615839.29276	-0.03278	0.10000	0.00000	615839.29276	-0.03278	0.2500
5418:	94	9	85	93	9	84	615839.25998	615839.29276	-0.03278	0.10000	0.00000	615839.29276	-0.03278	0.2500
5419:	36	26	10	35	25	11	615871.94370	615871.94045	0.00324	0.10000	0.00000	615871.94045	0.00324	0.5000
5420:	36	26	11	35	25	10	615871.94370	615871.94045	0.00324	0.10000	0.00000	615871.94045	0.00324	0.5000
5421:	81	19	62	80	19	61	615897.81493	615897.81218	0.00275	0.10000	0.00000			
5422:	88	16	73	87	16	72	615919.08503	615919.13510	-0.05007	0.10000	0.00000			
5423:	88	15	73	87	15	72	615921.39591	615921.35775	0.03816	0.10000	0.00000			
5424:	34	27	7	33	26	8	615923.98116	615923.99529	-0.01413	0.10000	0.00000	615923.99529	-0.01413	0.5000
5425:	34	27	8	33	26	7	615923.98116	615923.99529	-0.01413	0.10000	0.00000	615923.99529	-0.01413	0.5000
5426:	32	28	5	31	27	4	615954.15918	615954.22372	-0.06454	0.10000	0.00000	615954.22372	-0.06454	0.5000
5427:	32	28	4	31	27	5	615954.15918	615954.22372	-0.06454	0.10000	0.00000	615954.22372	-0.06454	0.5000
5428:	30	29	2	29	28	1	615971.88928	615971.94752	-0.05824	0.10000	0.00000	615971.94752	-0.05824	0.5000
5429:	30	29	1	29	28	2	615971.88928	615971.94752	-0.05824	0.10000	0.00000	615971.94752	-0.05824	0.5000
5430:	95	8	87	94	8	86	616097.03963	616097.00707	0.03256	0.10000	0.00000	616097.00707	0.03256	0.3333
5431:	95	8	87	94	9	86	616097.03963	616097.00707	0.03256	0.10000	0.00000	616097.00707	0.03256	0.3333
5432:	95	9	87	94	8	86	616097.03963	616097.00707	0.03256	0.10000	0.00000	616097.00707	0.03256	0.3333
5433:	56	17	40	55	16	39	616242.05892	616242.48913	-0.43021	0.10000	0.00000			
5434:	86	33	54	85	33	53	616248.04722	616248.39724	-0.35002	0.10000	0.00000	616248.39724	-0.35002	0.5000
5435:	86	33	53	85	33	52	616248.04722	616248.39724	-0.35002	0.10000	0.00000	616248.39724	-0.35002	0.5000
5436:	96	7	89	95	7	88	616384.33691	616384.22699	0.10992	0.10000	0.00000	616384.22699	0.10992	0.3333
5437:	96	7	89	95	8	88	616384.33691	616384.22699	0.10992	0.10000	0.00000	616384.22699	0.10992	0.3333
5438:	96	8	89	95	8	88	616384.33691	616384.22699	0.10992	0.10000	0.00000	616384.22699	0.10992	0.3333
5439:	87	17	71	86	17	70	616622.04255	616622.01921	0.02334	0.10000	0.00000			
5440:	97	6	91	96	7	90	616693.04156	616693.10008	-0.05851	0.10000	0.00000	616693.10008	-0.05851	0.3333
5441:	97	7	91	96	7	90	616693.04156	616693.10008	-0.05851	0.10000	0.00000	616693.10008	-0.05851	0.3333
5442:	97	6	91	96	6	90	616693.04156	616693.10008	-0.05851	0.10000	0.00000	616693.10008	-0.05851	0.3333
5443:	98	5	93	97	5	92	617017.64740	617017.63426	0.01314	0.10000	0.00000	617017.63426	0.01314	0.3333

5444:	98	6	93	97	5	92	617017.64740	617017.63426	0.01314	0.10000	0.00000	617017.63426	0.01314	0.3333
5445:	98	6	93	97	6	92	617017.64740	617017.63426	0.01314	0.10000	0.00000	617017.63426	0.01314	0.3333
5446:	84	18	66	83	18	65	617285.22505	617285.14951	0.07554	0.10000	0.00000			
5447:	99	4	95	98	4	94	617353.21268	617353.19033	0.02236	0.10000	0.00000	617353.19033	0.02236	0.2500
5448:	99	4	95	98	5	94	617353.21268	617353.19033	0.02236	0.10000	0.00000	617353.19033	0.02236	0.2500
5449:	99	5	95	98	4	94	617353.21268	617353.19033	0.02236	0.10000	0.00000	617353.19033	0.02236	0.2500
5450:	99	5	95	98	5	94	617353.21268	617353.19033	0.02236	0.10000	0.00000	617353.19033	0.02236	0.2500
5451:	100	3	97	99	4	96	617696.03525	617696.13230	-0.09705	0.10000	0.00000	617696.13230	-0.09705	0.2500
5452:	100	4	97	99	3	96	617696.03525	617696.13230	-0.09705	0.10000	0.00000	617696.13230	-0.09705	0.2500
5453:	100	4	97	99	4	96	617696.03525	617696.13230	-0.09705	0.10000	0.00000	617696.13230	-0.09705	0.2500
5454:	100	3	97	99	3	96	617696.03525	617696.13230	-0.09705	0.10000	0.00000	617696.13230	-0.09705	0.2500
5455:	102	1101101	1100				618393.29097	618393.23443	0.05654	0.10000	0.00000	618393.23443	0.05654	0.3333
5456:	102	1101101	2100				618393.29097	618393.23443	0.05654	0.10000	0.00000	618393.23443	0.05654	0.3333
5457:	102	2101101	1100				618393.29097	618393.23443	0.05654	0.10000	0.00000	618393.23443	0.05654	0.3333
5458:	84	20	65	83	20	64	618430.65129	618430.59150	0.05979	0.10000	0.00000			
5459:	51	19	32	50	18	33	618640.01123	618640.45352	-0.44229	0.10000	0.00000	618640.11022	-0.09899	0.5000
5460:	51	19	33	50	18	32	618640.01123	618639.76692	0.24431	0.10000	0.00000	618640.11022	-0.09899	0.5000
5461:	103	0103102	0102				618743.10640	618743.24034	-0.13394	0.10000	0.00000	618743.24034	-0.13394	0.3333
5462:	103	0103102	1102				618743.10640	618743.24034	-0.13394	0.10000	0.00000	618743.24034	-0.13394	0.3333
5463:	103	1103102	1102				618743.10640	618743.24034	-0.13394	0.10000	0.00000	618743.24034	-0.13394	0.3333
5464:	86	29	58	85	29	57	620226.17214	620226.08879	0.08335	0.10000	0.00000	620226.09240	0.07975	0.5000
5465:	86	29	57	85	29	56	620226.17214	620226.09600	0.07614	0.10000	0.00000	620226.09240	0.07975	0.5000
5466:	49	20	29	48	19	30	620270.50521	620270.44647	0.05874	0.10000	0.00000	620270.44172	0.06350	0.5000
5467:	49	20	30	48	19	29	620270.50521	620270.43696	0.06826	0.10000	0.00000	620270.44172	0.06350	0.5000
5468:	82	19	63	81	19	62	621685.78571	621685.68050	0.10521	0.10000	0.00000			
5469:	95	9	86	94	9	85	621773.40334	621773.37092	0.03242	0.10000	0.00000	621773.37092	0.03242	0.2500
5470:	95	9	86	94	10	85	621773.40334	621773.37092	0.03242	0.10000	0.00000	621773.37092	0.03242	0.2500
5471:	95	10	86	94	9	85	621773.40334	621773.37092	0.03242	0.10000	0.00000	621773.37092	0.03242	0.2500
5472:	95	10	86	94	10	85	621773.40334	621773.37092	0.03242	0.10000	0.00000	621773.37092	0.03242	0.2500
5473:	45	22	24	44	21	23	621955.50633	621955.62712	-0.12078	0.10000	0.00000	621955.62712	-0.12078	0.5000
5474:	45	22	23	44	21	24	621955.50633	621955.62712	-0.12078	0.10000	0.00000	621955.62712	-0.12078	0.5000
5475:	96	8	88	95	9	87	622034.54393	622034.35574	0.18820	0.10000	0.00000	622034.35574	0.18820	0.3333
5476:	96	8	88	95	8	87	622034.54393	622034.35574	0.18820	0.10000	0.00000	622034.35574	0.18820	0.3333
5477:	96	8	88	95	8	87	622034.54393	622034.35574	0.18820	0.10000	0.00000	622034.35574	0.18820	0.3333
5478:	97	7	90	96	7	89	622323.88881	622323.82403	0.06478	0.10000	0.00000	622323.82403	0.06478	0.3333
5479:	97	8	90	96	7	89	622323.88881	622323.82403	0.06478	0.10000	0.00000	622323.82403	0.06478	0.3333
5480:	97	8	90	96	8	89	622323.88881	622323.82403	0.06478	0.10000	0.00000	622323.82403	0.06478	0.3333
5481:	43	23	21	42	22	20	622374.89164	622374.89465	-0.00300	0.10000	0.00000	622374.89465	-0.00300	0.5000
5482:	43	23	20	42	22	21	622374.89164	622374.89465	-0.00300	0.10000	0.00000	622374.89465	-0.00300	0.5000
5483:	88	16	72	87	16	71	622418.79020	622418.74950	0.04070	0.10000	0.00000			
5484:	98	6	92	97	7	91	622634.22713	622634.23568	-0.00855	0.10000	0.00000	622634.23568	-0.00855	0.2500
5485:	98	7	92	97	6	91	622634.22713	622634.23568	-0.00855	0.10000	0.00000	622634.23568	-0.00855	0.2500
5486:	98	7	92	97	7	91	622634.22713	622634.23568	-0.00855	0.10000	0.00000	622634.23568	-0.00855	0.2500
5487:	98	6	92	97	6	91	622634.22713	622634.23568	-0.00855	0.10000	0.00000	622634.23568	-0.00855	0.2500
5488:	41	24	17	40	23	18	622640.75269	622640.69667	0.05602	0.10000	0.00000	622640.69667	0.05602	0.5000
5489:	41	24	18	40	23	17	622640.75269	622640.69667	0.05602	0.10000	0.00000	622640.69667	0.05602	0.5000
5490:	39	25	15	38	24	14	622806.85391	622806.84892	0.00500	0.10000	0.00000			
5491:	37	26	12	36	25	11	622908.61337	622908.66371	-0.05033	0.10000	0.00000	622908.66371	-0.05033	0.5000
5492:	37	26	11	36	25	12	622908.61337	622908.66371	-0.05033	0.10000	0.00000	622908.66371	-0.05033	0.5000

5493:	99	5	94	98	5	93	622959.73131	622959.81462	-0.08331	0.10000	0.00000	622959.81462	-0.08331	0.2500
5494:	99	5	94	98	6	93	622959.73131	622959.81462	-0.08331	0.10000	0.00000	622959.81462	-0.08331	0.2500
5495:	99	6	94	98	5	93	622959.73131	622959.81462	-0.08331	0.10000	0.00000	622959.81462	-0.08331	0.2500
5496:	99	6	94	98	6	93	622959.73131	622959.81462	-0.08331	0.10000	0.00000	622959.81462	-0.08331	0.2500
5497:	35	27	9	34	26	8	622969.52326	622969.58279	-0.05953	0.10000	0.00000	622969.58279	-0.05953	0.5000
5498:	35	27	8	34	26	9	622969.52326	622969.58279	-0.05953	0.10000	0.00000	622969.58279	-0.05953	0.5000
5499:	33	28	6	32	27	5	623005.06978	623005.22443	-0.15465	0.10000	0.00000	623005.22443	-0.15465	0.5000
5500:	33	28	5	32	27	6	623005.06978	623005.22443	-0.15465	0.10000	0.00000	623005.22443	-0.15465	0.5000
5501:	31	29	3	30	28	2	623025.94885	623025.95150	-0.00265	0.10000	0.00000	623025.95150	-0.00265	0.5000
5502:	31	29	2	30	28	3	623025.94885	623025.95150	-0.00265	0.10000	0.00000	623025.95150	-0.00265	0.5000
5503:	86	27	59	85	27	58	623120.80107	623121.16214	-0.36107	0.10000	0.00000	623120.76019	0.04088	0.5000
5504:	86	27	60	85	27	59	623120.80107	623120.35825	0.44282	0.10000	0.00000	623120.76019	0.04088	0.5000
5505:	100	4	96	99	4	95	623296.04578	623296.07346	-0.02768	0.10000	0.00000	623296.07346	-0.02768	0.3333
5506:	100	4	96	99	5	95	623296.04578	623296.07346	-0.02768	0.10000	0.00000	623296.07346	-0.02768	0.3333
5507:	100	5	96	99	5	95	623296.04578	623296.07346	-0.02768	0.10000	0.00000	623296.07346	-0.02768	0.3333
5508:	84	22	62	83	22	61	623624.88449	623624.60094	0.28356	0.10000	0.00000	623639.48425	0.02378	0.5000
5509:	101	4	98	100	3	97	623639.50803	623639.48425	0.02378	0.10000	0.00000	623639.48425	0.02378	0.5000
5510:	101	3	98	100	3	97	623639.50803	623639.48425	0.02378	0.10000	0.00000	623639.48425	0.02378	0.5000
5511:	83	21	62	82	21	61	623847.42665	623847.23220	0.19445	0.10000	0.00000	623847.23220	0.19445	0.5000
5512:	102	2100	101	2	99		623987.21890	623987.24499	-0.02608	0.10000	0.00000	623987.24499	-0.02608	0.3333
5513:	102	3100	101	2	99		623987.21890	623987.24499	-0.02608	0.10000	0.00000	623987.24499	-0.02608	0.3333
5514:	102	3100	101	3	99		623987.21890	623987.24499	-0.02608	0.10000	0.00000	623987.24499	-0.02608	0.3333
5515:	103	2102	102	1101			624337.08771	624337.11054	-0.02283	0.10000	0.00000	624337.11054	-0.02283	0.3333
5516:	103	2102	102	2101			624337.08771	624337.11054	-0.02283	0.10000	0.00000	624337.11054	-0.02283	0.3333
5517:	103	1102	102	1101			624337.08771	624337.11054	-0.02283	0.10000	0.00000	624337.11054	-0.02283	0.3333
5518:	104	0104	103	0103			624687.26388	624687.26807	-0.00419	0.10000	0.00000	624687.26807	-0.00419	0.3333
5519:	104	0104	103	1103			624687.26388	624687.26807	-0.00419	0.10000	0.00000	624687.26807	-0.00419	0.3333
5520:	104	1104	103	1103			624687.26388	624687.26807	-0.00419	0.10000	0.00000	624687.26807	-0.00419	0.3333
5521:	85	20	66	84	20	65	624856.69298	624856.80446	-0.11148	0.10000	0.00000	624856.80446	-0.11148	0.5000
5522:	50	20	30	49	19	31	626997.66285	626998.01849	-0.35564	0.10000	0.00000	626998.00797	-0.34511	0.5000
5523:	50	20	31	49	19	30	626997.66285	626997.99744	-0.33459	0.10000	0.00000	626998.00797	-0.34511	0.5000
5524:	94	12	83	93	11	82	627302.65606	627302.64923	0.00683	0.10000	0.00000	627302.64923	0.00683	0.5000
5525:	94	11	83	93	11	82	627302.65606	627302.64923	0.00683	0.10000	0.00000	627302.64923	0.00683	0.5000
5526:	95	11	85	94	10	84	627479.67085	627479.68677	-0.01591	0.10000	0.00000	627479.68677	-0.01591	0.3333
5527:	95	11	85	94	11	84	627479.67085	627479.68677	-0.01591	0.10000	0.00000	627479.68677	-0.01591	0.3333
5528:	95	10	85	94	10	84	627479.67085	627479.68677	-0.01591	0.10000	0.00000	627479.68677	-0.01591	0.3333
5529:	96	9	87	95	9	86	627706.76397	627706.72524	0.03872	0.10000	0.00000	627706.72524	0.03872	0.5000
5530:	96	10	87	95	9	86	627706.76397	627706.72524	0.03872	0.10000	0.00000	627706.72524	0.03872	0.5000
5531:	46	22	25	45	21	24	628866.78150	628866.75413	0.02737	0.10000	0.00000	628866.75413	0.02737	0.5000
5532:	46	22	24	45	21	25	628866.78150	628866.75413	0.02737	0.10000	0.00000	628866.75413	0.02737	0.5000
5533:	100	5	95	99	5	94	628901.03101	628900.98498	0.04603	0.10000	0.00000	628900.98498	0.04603	0.2500
5534:	100	5	95	99	6	94	628901.03101	628900.98498	0.04603	0.10000	0.00000	628900.98498	0.04603	0.2500
5535:	100	6	95	99	5	94	628901.03101	628900.98498	0.04603	0.10000	0.00000	628900.98498	0.04603	0.2500
5536:	100	6	95	99	6	94	628901.03101	628900.98498	0.04603	0.10000	0.00000	628900.98498	0.04603	0.2500
5537:	44	23	21	43	22	22	629335.55964	629335.52298	0.03666	0.10000	0.00000	629335.52298	0.03666	0.5000
5538:	42	24	19	41	23	18	629635.07086	629635.04270	0.02816	0.10000	0.00000	629635.04270	0.02816	0.5000
5539:	42	24	18	41	23	19	629635.07086	629635.04270	0.02816	0.10000	0.00000	629635.04270	0.02816	0.5000
5540:	40	25	15	39	24	16	629824.16495	629824.09469	0.07026	0.10000	0.00000	629824.09469	0.07026	0.5000
5541:	40	25	16	39	24	15	629824.16495	629824.09469	0.07026	0.10000	0.00000	629824.09469	0.07026	0.5000

5542:	103	3101102	2100	629929.92604	629929.87261	0.05343	0.10000	0.00000	629929.87261	0.05343	0.5000
5543:	103	2101102	2100	629929.92604	629929.87261	0.05343	0.10000	0.00000	629929.87261	0.05343	0.5000
5544:	38	26	13	27	25	12	629941.28241	629941.26380	0.01860	0.01860	0.5000
5545:	38	26	12	37	25	13	629941.28241	629941.26380	0.01860	0.01860	0.5000
5546:	36	27	9	35	26	10	630012.25610	630012.22485	0.03125	0.03125	0.5000
5547:	36	27	10	35	26	9	630012.25610	630012.22485	0.03125	0.03125	0.5000
5548:	34	28	6	33	27	7	630054.17242	630054.15866	0.01376	0.00000	
5549:	32	29	4	31	28	3	630078.49098	630078.54148	-0.05050	0.00000	0.5000
5550:	32	29	3	31	28	4	630078.49098	630078.54148	-0.05050	0.00000	0.5000
5551:	30	30	1	29	29	0	630092.92130	630092.96326	-0.04196	0.00000	0.5000
5552:	30	30	0	29	29	1	630092.92130	630092.96326	-0.04196	0.00000	0.5000
5553:	104	1103103	1102	630280.02879	630279.94967	0.07912	0.10000	0.00000	630279.94967	0.07912	0.2500
5554:	104	1103103	2102	630280.02879	630279.94967	0.07912	0.10000	0.00000	630279.94967	0.07912	0.2500
5555:	104	2103103	1102	630280.02879	630279.94967	0.07912	0.10000	0.00000	630279.94967	0.07912	0.2500
5556:	104	2103103	2102	630280.02879	630279.94967	0.07912	0.10000	0.00000	630279.94967	0.07912	0.2500
5557:	105	0105104	1104	630630.44445	630630.25983	0.18462	0.10000	0.00000	630630.25983	0.18462	0.2500
5558:	105	1105104	0104	630630.44445	630630.25983	0.18462	0.10000	0.00000	630630.25983	0.18462	0.2500
5559:	105	1105104	0104	630630.44445	630630.25983	0.18462	0.10000	0.00000	630630.25983	0.18462	0.2500
5560:	105	0105104	0104	630630.44445	630630.25983	0.18462	0.10000	0.00000	630630.25983	0.18462	0.2500
5561:	87	18	69	86	18	68	631966.33847	631966.50506	-0.16659	0.00000	
5562:	88	32	57	87	32	56	631981.09844	631980.84289	0.25555	0.00000	0.5000
5563:	88	32	56	87	32	55	631981.09844	631980.84290	0.25554	0.00000	0.5000
5564:	83	20	62	82	20	62	631992.51819	631992.59877	-0.08058	0.00000	
5565:	94	12	82	93	13	81	633106.13245	633106.23111	-0.09866	0.00000	
5566:	94	13	82	93	13	81	633106.13245	633106.23116	-0.09871	0.00000	
5567:	94	13	82	93	12	81	633106.13245	633106.23124	-0.09880	0.00000	
5568:	51	20	32	50	19	31	633693.63131	633693.65400	-0.02269	0.00000	
5569:	99	7	92	98	8	91	634200.11598	634200.20435	-0.08837	0.00000	0.3333
5570:	99	8	92	98	8	91	634200.11598	634200.20435	-0.08837	0.00000	0.3333
5571:	99	7	92	98	7	91	634200.11598	634200.20435	-0.08837	0.00000	0.3333
5572:	101	5	96100	5	95		634841.01912	634841.13373	-0.11460	0.00000	0.3333
5573:	101	5	96100	6	95		634841.01912	634841.13373	-0.11460	0.00000	0.3333
5574:	101	6	96100	5	95		634841.01912	634841.13373	-0.11460	0.00000	0.3333
5575:	49	21	28	48	20	29	634952.78193	634952.82088	-0.03894	0.00000	0.5000
5576:	49	21	29	48	20	28	634952.78193	634952.82038	-0.03845	0.00000	0.5000
5577:	103	3100102	3	99			635523.06360	635523.07675	-0.01315	0.00000	0.2500
5578:	103	3100102	4	99			635523.06360	635523.07675	-0.01315	0.00000	0.2500
5579:	103	4100102	3	99			635523.06360	635523.07675	-0.01315	0.00000	0.2500
5580:	103	4100102	4	99			635523.06360	635523.07675	-0.01315	0.00000	0.2500
5581:	47	22	26	46	21	25	635761.97988	635762.01600	-0.03612	0.00000	0.5000
5582:	47	22	25	46	21	26	635761.97988	635762.01600	-0.03612	0.00000	0.5000
5583:	104	2102103	2101				635871.41455	635871.45339	-0.03883	0.00000	0.2500
5584:	104	2102103	3101				635871.41455	635871.45339	-0.03883	0.00000	0.2500
5585:	104	3102103	2101				635871.41455	635871.45339	-0.03883	0.00000	0.2500
5586:	104	3102103	3101				635871.41455	635871.45339	-0.03883	0.00000	0.2500
5587:	105	2104104	1103				636221.75109	636221.74173	0.00935	0.00000	0.3333
5588:	105	2104104	2103				636221.75109	636221.74173	0.00935	0.00000	0.3333
5589:	105	1104104	1103				636221.75109	636221.74173	0.00935	0.00000	0.3333
5590:	45	23	23	44	22	22	636284.63426	636284.61946	0.01480	0.00000	0.5000

5591:	45	23	22	44	22	23	636284.63426	636284.61946	0.01480	0.10000	0.00000	636284.61946	0.01480	0.5000
5592:	106	0106105	0105				636572.27769	636572.20556	0.07213	0.10000	0.00000	636572.20556	0.07213	0.2500
5593:	106	0106105	1105				636572.27769	636572.20556	0.07213	0.10000	0.00000	636572.20556	0.07213	0.2500
5594:	106	1106105	0105				636572.27769	636572.20556	0.07213	0.10000	0.00000	636572.20556	0.07213	0.2500
5595:	106	1106105	1105				636572.27769	636572.20556	0.07213	0.10000	0.00000	636572.20556	0.07213	0.2500
5596:	43	24	20	42	23	19	636620.98675	636620.94882	0.03793	0.10000	0.00000	636620.94882	0.03793	0.5000
5597:	43	24	19	42	23	20	636620.98675	636620.94882	0.03793	0.10000	0.00000	636620.94882	0.03793	0.5000
5598:	42	4	38	42	1	41	636835.11885	636834.78326	0.33559	0.10000	0.00000	636834.97205	0.14680	0.2500
5599:	42	4	38	42	2	41	636835.11885	636834.78325	0.33559	0.10000	0.00000	636834.97205	0.14680	0.2500
5600:	41	25	16	40	24	17	636835.11885	636835.16084	-0.04200	0.10000	0.00000	636834.97205	0.14680	0.2500
5601:	41	25	17	40	24	16	636835.11885	636835.16084	-0.04200	0.10000	0.00000	636834.97205	0.14680	0.2500
5602:	39	26	14	38	25	13	636969.36155	636969.36136	0.00019	0.10000	0.00000	636969.36136	0.00019	0.5000
5603:	39	26	13	38	25	14	636969.36155	636969.36136	0.00019	0.10000	0.00000	636969.36136	0.00019	0.5000
5604:	37	27	11	36	26	10	637051.56552	637051.61846	-0.05294	0.10000	0.00000	637051.61846	-0.05294	0.5000
5605:	37	27	10	36	26	11	637051.56552	637051.61846	-0.05294	0.10000	0.00000	637051.61846	-0.05294	0.5000
5606:	35	28	7	34	27	8	637100.80700	637100.78410	0.02290	0.10000	0.00000	637100.78410	0.02290	0.5000
5607:	35	28	8	34	27	7	637100.80700	637100.78410	0.02290	0.10000	0.00000	637100.78410	0.02290	0.5000
5608:	33	29	5	32	28	4	637129.51236	637129.52428	-0.01192	0.10000	0.00000	637129.52428	-0.01192	0.5000
5609:	33	29	4	32	28	5	637129.51236	637129.52428	-0.01192	0.10000	0.00000	637129.52428	-0.01192	0.5000
5610:	31	30	2	30	29	1	637146.22297	637146.28781	-0.06484	0.10000	0.00000	637146.28781	-0.06484	0.5000
5611:	31	30	1	30	29	2	637146.22297	637146.28781	-0.06484	0.10000	0.00000	637146.28781	-0.06484	0.5000
5612:	99	9	91	98	9	90	639841.23934	639841.20549	0.03385	0.10000	0.00000			
5613:	118	3115118	2116				639850.59083	639850.54727	0.04356	0.10000	0.00000	639850.54727	0.04356	0.5000
5614:	118	3115118	3116				639850.59083	639850.54727	0.04356	0.10000	0.00000	639850.54727	0.04356	0.5000
5615:	100	7	93	99	8	92	640136.95723	640136.95662	0.00062	0.10000	0.00000	640136.95662	0.00062	0.3333
5616:	100	8	93	99	8	92	640136.95723	640136.95662	0.00062	0.10000	0.00000	640136.95662	0.00062	0.3333
5617:	100	7	93	99	7	92	640136.95723	640136.95662	0.00062	0.10000	0.00000	640136.95662	0.00062	0.3333
5618:	102	5	97101	5	96		640780.21984	640780.24935	-0.02951	0.10000	0.00000	640780.24935	-0.02951	0.3333
5619:	102	5	97101	6	96		640780.21984	640780.24935	-0.02951	0.10000	0.00000	640780.24935	-0.02951	0.3333
5620:	102	6	97101	5	96		640780.21984	640780.24935	-0.02951	0.10000	0.00000	640780.24935	-0.02951	0.3333
5621:	103	5	99102	4	98		641118.19576	641118.52470	-0.32894	0.10000	0.00000	641118.52470	-0.32894	0.3333
5622:	103	5	99102	5	98		641118.19576	641118.52470	-0.32894	0.10000	0.00000	641118.52470	-0.32894	0.3333
5623:	103	4	99102	4	98		641118.19576	641118.52470	-0.32894	0.10000	0.00000	641118.52470	-0.32894	0.3333
5624:	104	3101103	4100				641463.27759	641463.29659	-0.01900	0.10000	0.00000	641463.29659	-0.01900	0.3333
5625:	104	4101103	4100				641463.27759	641463.29659	-0.01900	0.10000	0.00000	641463.29659	-0.01900	0.3333
5626:	104	3101103	3100				641463.27759	641463.29659	-0.01900	0.10000	0.00000	641463.29659	-0.01900	0.3333
5627:	50	21	29	49	20	30	641744.85799	641744.82350	0.03449	0.10000	0.00000	641744.82292	0.03507	0.5000
5628:	50	21	30	49	20	29	641744.85799	641744.82234	0.03565	0.10000	0.00000	641744.82292	0.03507	0.5000
5629:	105	2103104	2102				641812.01860	641811.97716	0.04144	0.10000	0.00000	641811.97716	0.04144	0.3333
5630:	105	2103104	3102				641812.01860	641811.97716	0.04144	0.10000	0.00000	641811.97716	0.04144	0.3333
5631:	105	3103104	3102				641812.01860	641811.97716	0.04144	0.10000	0.00000	641811.97716	0.04144	0.3333
5632:	107	1107106	0106				642513.11603	642513.09520	0.02083	0.10000	0.00000	642513.09520	0.02083	0.5000
5633:	107	0107106	0106				642513.11603	642513.09520	0.02083	0.10000	0.00000	642513.09520	0.02083	0.5000
5634:	48	22	27	47	21	26	642640.42466	642640.29204	0.13262	0.10000	0.00000	642640.29204	0.13261	0.5000
5635:	48	22	26	47	21	27	642640.42466	642640.29205	0.13261	0.10000	0.00000	642640.29204	0.13261	0.5000
5636:	44	24	20	43	23	21	643597.76330	643597.77810	-0.01480	0.10000	0.00000	643597.77810	-0.01480	0.5000
5637:	44	24	21	43	23	20	643597.76330	643597.77810	-0.01480	0.10000	0.00000	643597.77810	-0.01480	0.5000
5638:	42	25	18	41	24	17	643839.52197	643839.54840	-0.02643	0.10000	0.00000	643839.54840	-0.02643	0.5000
5639:	42	25	17	41	24	18	643839.52197	643839.54840	-0.02643	0.10000	0.00000	643839.54840	-0.02643	0.5000

5640:	40	26	15	39	25	14	643992.56340	643992.56014	0.00327	0.10000	0.00000	643992.56014	0.00327	0.5000
5641:	40	26	14	39	25	15	643992.56340	643992.56014	0.00327	0.10000	0.00000	643992.56014	0.00327	0.5000
5642:	38	27	11	37	26	12	644087.45818	644087.44666	0.01152	0.10000	0.00000	644087.44666	0.01152	0.5000
5643:	38	27	12	37	26	11	644087.45818	644087.44666	0.01152	0.10000	0.00000	644087.44666	0.01152	0.5000
5644:	36	28	9	35	27	8	644144.84802	644144.84652	0.00149	0.10000	0.00000	644144.84652	0.00149	0.5000
5645:	36	28	8	35	27	9	644144.84802	644144.84652	0.00149	0.10000	0.00000	644144.84652	0.00149	0.5000
5646:	34	29	6	33	28	5	644178.65732	644178.69633	-0.03901	0.10000	0.00000	644178.69633	-0.03901	0.5000
5647:	34	29	5	33	28	6	644178.65732	644178.69633	-0.03901	0.10000	0.00000	644178.69633	-0.03901	0.5000
5648:	32	30	2	31	29	3	644198.34085	644198.36215	-0.02130	0.10000	0.00000	644198.36215	-0.02130	0.5000
5649:	32	30	3	31	29	2	644198.34085	644198.36215	-0.02130	0.10000	0.00000	644198.36215	-0.02130	0.5000
5650:	101	8	94100	7	93		646072.64193	646072.73016	-0.08823	0.10000	0.00000	646072.73016	-0.08823	0.3333
5651:	101	8	94100	8	93		646072.64193	646072.73016	-0.08823	0.10000	0.00000	646072.73016	-0.08823	0.3333
5652:	101	7	94100	7	93		646072.64193	646072.73016	-0.08823	0.10000	0.00000	646072.73016	-0.08823	0.3333
5653:	106	2104105	2103				647751.41947	647751.43376	-0.01429	0.10000	0.00000	647751.43376	-0.01429	0.2500
5654:	106	2104105	3103				647751.41947	647751.43376	-0.01429	0.10000	0.00000	647751.43376	-0.01429	0.2500
5655:	106	3104105	2103				647751.41947	647751.43376	-0.01429	0.10000	0.00000	647751.43376	-0.01429	0.2500
5656:	106	3104105	3103				647751.41947	647751.43376	-0.01429	0.10000	0.00000	647751.43376	-0.01429	0.2500
5657:	108	0108107	1107				648452.90302	648452.91871	-0.01569	0.10000	0.00000	648452.91871	-0.01569	0.3333
5658:	108	1108107	0107				648452.90302	648452.91871	-0.01569	0.10000	0.00000	648452.91871	-0.01569	0.3333
5659:	108	0108107	0107				648452.90302	648452.91871	-0.01569	0.10000	0.00000	648452.91871	-0.01569	0.3333
5660:	51	21	30	50	20	31	648511.42339	648511.36638	0.05701	0.10000	0.00000	648511.36638	0.05701	0.5000
5661:	51	21	31	50	20	30	648511.42339	648511.36374	0.05965	0.10000	0.00000	648511.36506	0.05833	0.5000
5662:	49	22	27	48	21	28	649500.40491	649500.39782	0.00709	0.10000	0.00000	649500.39781	0.00710	0.5000
5663:	49	22	28	48	21	27	649500.40491	649500.39780	0.00712	0.10000	0.00000	649500.39781	0.00710	0.5000
5664:	47	23	25	46	22	24	650144.84091	650144.85192	-0.01101	0.10000	0.00000	650144.85192	-0.01101	0.5000
5665:	47	23	24	46	22	25	650144.84091	650144.85192	-0.01101	0.10000	0.00000	650144.85192	-0.01101	0.5000
5666:	45	24	22	44	23	21	650564.65505	650564.86451	-0.20945	0.10000	0.00000	650564.86451	-0.20945	0.5000
5667:	45	24	21	44	23	22	650564.65505	650564.86451	-0.20945	0.10000	0.00000	650564.86451	-0.20945	0.5000
5668:	43	25	18	42	24	19	650836.69842	650836.73654	-0.03812	0.10000	0.00000	650836.73654	-0.03812	0.5000
5669:	43	25	19	42	24	18	650836.69842	650836.73654	-0.03812	0.10000	0.00000	650836.73654	-0.03812	0.5000
5670:	39	27	13	38	26	12	651119.36332	651119.37826	-0.01494	0.10000	0.00000	651119.37826	-0.01494	0.5000
5671:	39	27	12	38	26	13	651119.36332	651119.37826	-0.01494	0.10000	0.00000	651119.37826	-0.01494	0.5000
5672:	37	28	10	36	27	9	651186.07912	651186.07966	-0.00054	0.10000	0.00000	651186.07966	-0.00054	0.5000
5673:	37	28	9	36	27	10	651186.07912	651186.07966	-0.00054	0.10000	0.00000	651186.07966	-0.00054	0.5000
5674:	35	29	6	34	28	7	651225.84501	651225.84362	0.00139	0.10000	0.00000	651225.84362	0.00139	0.5000
5675:	35	29	7	34	28	6	651225.84501	651225.84362	0.00139	0.10000	0.00000	651225.84362	0.00139	0.5000
5676:	33	30	4	32	29	3	651248.99405	651249.01496	-0.02091	0.10000	0.00000	651249.01496	-0.02091	0.5000
5677:	33	30	3	32	29	4	651248.99405	651249.01496	-0.02091	0.10000	0.00000	651249.01496	-0.02091	0.5000
5678:	31	31	1	30	30	0	651262.48157	651262.52099	-0.03943	0.10000	0.00000	651262.52099	-0.03943	0.5000
5679:	31	31	0	30	30	1	651262.48157	651262.52099	-0.03943	0.10000	0.00000	651262.52099	-0.03943	0.5000
5680:	106	3103105	3102				653340.59451	653340.53173	0.06278	0.10000	0.00000	653340.53173	0.06278	0.3333
5681:	106	3103105	4102				653340.59451	653340.53173	0.06278	0.10000	0.00000	653340.53173	0.06278	0.3333
5682:	106	4103105	3102				653340.59451	653340.53173	0.06278	0.10000	0.00000	653340.53173	0.06278	0.3333
5683:	108	2107107	1106				654040.71798	654040.73475	-0.01676	0.10000	0.00000	654040.73475	-0.01676	0.3333
5684:	108	2107107	2106				654040.71798	654040.73475	-0.01676	0.10000	0.00000	654040.73475	-0.01676	0.3333
5685:	108	1107107	1106				654040.71798	654040.73475	-0.01676	0.10000	0.00000	654040.73475	-0.01676	0.3333
5686:	52	21	32	51	20	31	655250.59609	655250.62456	-0.02847	0.10000	0.00000	655250.62456	-0.02847	0.5000
5687:	50	22	28	49	21	29	656341.24509	656341.07963	0.16547	0.10000	0.00000	656341.07960	0.16549	0.5000
5688:	50	22	29	49	21	28	656341.24509	656341.07957	0.16552	0.10000	0.00000	656341.07960	0.16549	0.5000

5689:	48	23	26	47	22	25	657054.23304	657054.19922	0.03382	0.10000	0.00000	657054.19922	0.03382	0.5000
5690:	48	23	25	47	22	26	657054.23304	657054.19922	0.03382	0.10000	0.00000	657054.19922	0.03382	0.5000
5691:	46	24	23	45	23	22	657521.54725	657521.51138	0.03586	0.10000	0.00000	657521.51138	0.03586	0.5000
5692:	46	24	22	45	23	23	657521.54725	657521.51138	0.03586	0.10000	0.00000	657521.51138	0.03586	0.5000
5693:	44	25	19	43	24	20	657826.14199	657826.18175	-0.03976	0.10000	0.00000	657826.18175	-0.03976	0.5000
5694:	44	25	20	43	24	19	657826.14199	657826.18175	-0.03976	0.10000	0.00000	657826.18175	-0.03976	0.5000
5695:	42	26	17	41	25	16	658022.64116	658022.58970	0.05146	0.10000	0.00000	658022.58970	0.05146	0.5000
5696:	42	26	16	41	25	17	658022.64116	658022.58970	0.05146	0.10000	0.00000	658022.58970	0.05146	0.5000
5697:	40	27	13	39	26	14	658146.88178	658147.06761	-0.18582	0.10000	0.00000	658147.06761	-0.18582	0.5000
5698:	38	28	11	37	27	10	658224.52008	658224.20501	0.31506	0.10000	0.00000	658224.20501	0.31506	0.5000
5699:	38	28	10	37	27	11	658224.52008	658224.20501	0.31506	0.10000	0.00000	658224.20501	0.31506	0.5000
5700:	36	29	7	35	28	8	658270.71156	658270.74156	-0.03000	0.10000	0.00000	658270.74156	-0.03000	0.5000
5701:	34	30	5	33	29	4	658298.09156	658298.06565	0.02591	0.10000	0.00000	658298.06565	0.02591	0.5000
5702:	34	30	4	33	29	5	658298.09156	658298.06565	0.02591	0.10000	0.00000	658298.06565	0.02591	0.5000
5703:	32	31	2	31	30	1	658313.84768	658313.86676	-0.01907	0.10000	0.00000	658313.86676	-0.01907	0.5000
5704:	32	31	1	31	30	2	658313.84768	658313.86676	-0.01907	0.10000	0.00000	658313.86676	-0.01907	0.5000
5705:	51	22	30	50	21	29	663161.12553	663161.00829	0.11724	0.10000	0.00000	663161.00829	0.11724	0.5000
5706:	51	22	29	50	21	30	663161.12553	663161.00842	0.11710	0.10000	0.00000	663161.00836	0.11717	0.5000
5707:	49	23	27	48	22	26	663948.39769	663948.43140	-0.03371	0.10000	0.00000	663948.43140	-0.03371	0.5000
5708:	49	23	26	48	22	27	663948.39769	663948.43140	-0.03371	0.10000	0.00000	663948.43140	-0.03371	0.5000
5709:	47	24	23	46	23	24	664466.99032	664466.98981	0.00051	0.10000	0.00000	664466.98981	0.00051	0.5000
5710:	45	25	21	44	24	20	664807.33398	664807.31688	0.01710	0.10000	0.00000	664807.31688	0.01710	0.5000
5711:	45	25	20	44	24	21	664807.33398	664807.31688	0.01710	0.10000	0.00000	664807.31688	0.01710	0.5000
5712:	43	26	17	42	25	18	665028.55841	665028.53971	0.01871	0.10000	0.00000	665028.53971	0.01871	0.5000
5713:	43	26	18	42	25	17	665028.55841	665028.53971	0.01871	0.10000	0.00000	665028.53971	0.01871	0.5000
5714:	41	27	14	40	26	15	665170.16495	665170.15423	0.01072	0.10000	0.00000	665170.15423	0.01072	0.5000
5715:	39	28	12	38	27	11	665258.90139	665258.93169	-0.03030	0.10000	0.00000	665258.93169	-0.03030	0.5000
5716:	39	28	11	38	27	12	665258.90139	665258.93169	-0.03030	0.10000	0.00000	665258.93169	-0.03030	0.5000
5717:	37	29	8	36	28	9	665313.17483	665313.15489	0.01994	0.10000	0.00000	665313.15489	0.01994	0.5000
5718:	35	30	5	34	29	6	665345.27401	665345.32426	-0.05025	0.10000	0.00000	665345.32426	-0.05025	0.5000
5719:	35	30	6	34	29	5	665345.27401	665345.32426	-0.05025	0.10000	0.00000	665345.32426	-0.05025	0.5000
5720:	33	31	3	32	30	2	665363.90361	665363.94152	-0.03791	0.10000	0.00000	665363.94152	-0.03791	0.5000
5721:	33	31	2	32	30	3	665363.90361	665363.94152	-0.03791	0.10000	0.00000	665363.94152	-0.03791	0.5000
5722:	50	23	28	49	22	27	670826.53898	670826.53405	0.00493	0.10000	0.00000	670826.53405	0.00493	0.5000
5723:	50	23	27	49	22	28	670826.53898	670826.53405	0.00493	0.10000	0.00000	670826.53405	0.00493	0.5000
5724:	48	24	24	47	23	25	671400.50309	671400.53672	-0.03363	0.10000	0.00000	671400.53672	-0.03363	0.5000
5725:	48	24	25	47	23	24	671400.50309	671400.53672	-0.03363	0.10000	0.00000	671400.53672	-0.03363	0.5000
5726:	46	25	22	45	24	21	671779.46798	671779.55013	-0.08216	0.10000	0.00000	671779.55013	-0.08216	0.5000
5727:	46	25	21	45	24	22	671779.46798	671779.55013	-0.08216	0.10000	0.00000	671779.55013	-0.08216	0.5000
5728:	44	26	19	43	25	18	672027.66670	672027.82826	-0.16156	0.10000	0.00000	672027.82826	-0.16156	0.5000
5729:	44	26	18	43	25	19	672027.66670	672027.82826	-0.16156	0.10000	0.00000	672027.82826	-0.16156	0.5000
5730:	42	27	15	41	26	16	672188.31969	672188.26249	0.05720	0.10000	0.00000	672188.26249	0.05720	0.5000
5731:	40	28	12	39	27	13	672289.93820	672289.95617	-0.01797	0.10000	0.00000	672289.95617	-0.01797	0.5000
5732:	40	28	13	39	27	12	672289.93820	672289.95617	-0.01797	0.10000	0.00000	672289.95617	-0.01797	0.5000
5733:	38	29	10	37	28	9	672352.80964	672352.83756	-0.02792	0.10000	0.00000	672352.83756	-0.02792	0.5000
5734:	38	29	9	37	28	10	672352.80964	672352.83756	-0.02792	0.10000	0.00000	672352.83756	-0.02792	0.5000
5735:	36	30	7	35	29	6	672390.53316	672390.59142	-0.05826	0.10000	0.00000	672390.59142	-0.05826	0.5000
5736:	36	30	6	35	29	7	672390.53316	672390.59142	-0.05826	0.10000	0.00000	672390.59142	-0.05826	0.5000
5737:	34	31	3	33	30	4	672412.54654	672412.58434	-0.03780	0.10000	0.00000	672412.58434	-0.03780	0.5000

5738:	34	31	4	33	30	3	672412.54654	672412.58434	-0.03780	0.10000	0.00000	672412.58434	-0.03780	0.5000
5739:	32	32	1	31	31	0	672425.16070	672425.16218	-0.00148	0.10000	0.00000	672425.16218	-0.00148	0.5000
5740:	32	32	0	31	31	1	672425.16070	672425.16218	-0.00148	0.10000	0.00000	672425.16218	-0.00148	0.5000
5741:	53	22	31	52	21	32	676733.46165	676732.87111	0.59053	0.10000	0.00000	676732.87075	0.59090	0.5000
5742:	53	22	32	52	21	31	676733.46165	676732.87039	0.59126	0.10000	0.00000	676732.87075	0.59090	0.5000
5743:	110	3107109	3106	677082.06117	677081.89473	0.16645	677082.06117	677081.89473	0.16645	0.10000	0.00000	677081.89473	0.16645	0.2500
5744:	110	3107109	4106	677082.06117	677081.89473	0.16645	677082.06117	677081.89473	0.16645	0.10000	0.00000	677081.89473	0.16645	0.2500
5745:	110	4107109	3106	677082.06117	677081.89473	0.16645	677082.06117	677081.89473	0.16645	0.10000	0.00000	677081.89473	0.16645	0.2500
5746:	110	4107109	4106	677082.06117	677081.89473	0.16645	677082.06117	677081.89473	0.16645	0.10000	0.00000	677081.89473	0.16645	0.2500
5747:	111	2109110	3108	677432.27966	677432.35362	-0.07395	677432.27966	677432.35362	-0.07395	0.10000	0.00000	677432.35362	-0.07395	0.2500
5748:	111	3109110	2108	677432.27966	677432.35362	-0.07395	677432.27966	677432.35362	-0.07395	0.10000	0.00000	677432.35362	-0.07395	0.2500
5749:	111	3109110	3108	677432.27966	677432.35362	-0.07395	677432.27966	677432.35362	-0.07395	0.10000	0.00000	677432.35362	-0.07395	0.2500
5750:	111	2109110	2108	677432.27966	677432.35362	-0.07395	677432.27966	677432.35362	-0.07395	0.10000	0.00000	677432.35362	-0.07395	0.2500
5751:	51	23	28	50	22	29	677687.30480	677687.43812	-0.13331	0.10000	0.00000	677687.43811	-0.13331	0.5000
5752:	51	23	29	50	22	28	677687.30480	677687.43811	-0.13331	0.10000	0.00000	677687.43811	-0.13331	0.5000
5753:	49	24	26	48	23	25	678321.18598	678321.35285	-0.16686	0.10000	0.00000	678321.35285	-0.16686	0.5000
5754:	49	24	25	48	23	26	678321.18598	678321.35285	-0.16686	0.10000	0.00000	678321.35285	-0.16686	0.5000
5755:	47	25	22	46	24	23	678742.30608	678742.26386	0.04222	0.10000	0.00000	678742.26386	0.04222	0.5000
5756:	45	26	20	44	25	19	679020.08043	679019.96738	0.11305	0.10000	0.00000	679019.96738	0.11305	0.5000
5757:	45	26	19	44	25	20	679020.08043	679019.96738	0.11305	0.10000	0.00000	679019.96738	0.11305	0.5000
5758:	41	28	13	40	27	14	679318.93917	679316.96210	1.97706	0.10000	0.00000	679316.96210	1.97706	0.5000
5759:	41	28	14	40	27	13	679318.93917	679316.96210	1.97706	0.10000	0.00000	679316.96210	1.97706	0.5000
5760:	39	29	11	38	28	10	679389.47033	679389.53262	-0.06229	0.10000	0.00000	679389.53262	-0.06229	0.5000
5761:	39	29	10	38	28	11	679389.47033	679389.53262	-0.06229	0.10000	0.00000	679389.53262	-0.06229	0.5000
5762:	37	30	8	36	29	7	679433.49760	679433.65824	-0.16064	0.10000	0.00000	679433.65824	-0.16064	0.5000
5763:	37	30	7	36	29	8	679433.49760	679433.65824	-0.16064	0.10000	0.00000	679433.65824	-0.16064	0.5000
5764:	35	31	4	34	30	5	679459.97296	679459.62587	0.34708	0.10000	0.00000	679459.62587	0.34708	0.5000
5765:	35	31	5	34	30	4	679459.97296	679459.62587	0.34708	0.10000	0.00000	679459.62587	0.34708	0.5000
5766:	33	32	2	32	31	1	679474.31876	679474.46077	-0.14201	0.10000	0.00000	679474.46077	-0.14201	0.5000
5767:	33	32	1	32	31	2	679474.31876	679474.46077	-0.14201	0.10000	0.00000	679474.46077	-0.14201	0.5000
5768:	53	23	30	52	22	31	691353.33584	691353.07425	0.26159	0.10000	0.00000	691353.07423	0.26161	0.5000
5769:	53	23	31	52	22	30	691353.33584	691353.07422	0.26163	0.10000	0.00000	691353.07423	0.26161	0.5000
5770:	51	24	27	50	23	28	692121.50331	692121.40046	0.10285	0.10000	0.00000	692121.40046	0.10285	0.5000
5771:	51	24	28	50	23	27	692121.50331	692121.40046	0.10285	0.10000	0.00000	692121.40046	0.10285	0.5000
5772:	49	25	25	48	24	24	692636.70585	692636.52514	0.18071	0.10000	0.00000	692636.52514	0.18071	0.5000
5773:	49	25	24	48	24	25	692636.70585	692636.52514	0.18071	0.10000	0.00000	692636.52514	0.18071	0.5000
5774:	47	26	22	46	25	21	692980.43815	692980.74298	-0.30483	0.10000	0.00000	692980.74298	-0.30483	0.5000
5775:	47	26	21	46	25	22	692980.43815	692980.74298	-0.30483	0.10000	0.00000	692980.74298	-0.30483	0.5000
5776:	43	28	16	42	27	15	693358.05789	693357.58711	0.47079	0.10000	0.00000	693357.58711	0.47079	0.5000
5777:	43	28	15	42	27	16	693358.05789	693357.58711	0.47079	0.10000	0.00000	693357.58711	0.47079	0.5000
5778:	41	29	12	40	28	13	693452.99375	693452.87642	0.11733	0.10000	0.00000	693452.87642	0.11733	0.5000
5779:	41	29	13	40	28	12	693452.99375	693452.87642	0.11733	0.10000	0.00000	693452.87642	0.11733	0.5000
5780:	39	30	10	38	29	9	693512.19640	693512.30729	-0.11089	0.10000	0.00000	693512.30729	-0.11089	0.5000
5781:	39	30	9	38	29	10	693512.19640	693512.30729	-0.11089	0.10000	0.00000	693512.30729	-0.11089	0.5000
5782:	37	31	7	36	30	6	693548.10038	693548.18537	-0.08499	0.10000	0.00000	693548.18537	-0.08499	0.5000
5783:	37	31	6	36	30	7	693548.10038	693548.18537	-0.08499	0.10000	0.00000	693548.18537	-0.08499	0.5000
5784:	35	32	3	34	31	4	693568.95597	693569.02648	-0.07051	0.10000	0.00000	693569.02648	-0.07051	0.5000
5785:	35	32	4	34	31	3	693568.95597	693569.02648	-0.07051	0.10000	0.00000	693569.02648	-0.07051	0.5000
5786:	33	33	1	32	32	0	693581.17314	693580.66363	0.50951	0.10000	0.00000	693580.66363	0.50951	0.5000

5787:	33	33	0	32	32	1	693581.17314	693580.66363	0.50951	0.10000	0.00000	693580.66363	0.50951	0.5000
5788:	54	23	31	53	22	32	698155.32044	698155.35276	-0.03232	0.10000	0.00000	698155.35272	-0.03228	0.5000
5789:	54	23	32	53	22	31	698155.32044	698155.35268	-0.03224	0.10000	0.00000	698155.35272	-0.03228	0.5000
5790:	52	24	28	51	23	29	698998.70543	698998.83024	-0.12481	0.10000	0.00000	698998.83024	-0.12481	0.5000
5791:	52	24	29	51	23	28	698998.70543	698998.83024	-0.12481	0.10000	0.00000	698998.83024	-0.12481	0.5000
5792:	50	25	26	49	24	25	699566.75064	699566.69600	0.05464	0.10000	0.00000	699566.69600	0.05464	0.5000
5793:	50	25	25	49	24	26	699566.75064	699566.69600	0.05464	0.10000	0.00000	699566.69600	0.05464	0.5000
5794:	48	26	22	47	25	22	699948.40618	699948.29861	0.10758	0.10000	0.00000	699948.29861	0.10758	0.5000
5795:	48	26	22	47	25	23	699948.40618	699948.29861	0.10758	0.10000	0.00000	699948.29861	0.10758	0.5000
5796:	46	27	19	45	26	20	700203.16030	700202.84558	0.31473	0.10000	0.00000	700202.84558	0.31473	0.5000
5797:	46	27	20	45	26	19	700203.16030	700202.84558	0.31473	0.10000	0.00000	700202.84558	0.31473	0.5000
5798:	44	28	17	43	27	16	700370.56527	700370.50677	0.05849	0.10000	0.00000	700370.50677	0.05849	0.5000
5799:	44	28	16	43	27	17	700370.56527	700370.50677	0.05849	0.10000	0.00000	700370.50677	0.05849	0.5000
5800:	42	29	14	41	28	13	700478.96101	700478.95513	0.00588	0.10000	0.00000	700478.95513	0.00588	0.5000
5801:	42	29	13	41	28	14	700478.96101	700478.95513	0.00588	0.10000	0.00000	700478.95513	0.00588	0.5000
5802:	40	30	11	39	29	10	700547.34082	700547.42337	-0.08255	0.10000	0.00000	700547.42337	-0.08255	0.5000
5803:	40	30	10	39	29	11	700547.34082	700547.42337	-0.08255	0.10000	0.00000	700547.42337	-0.08255	0.5000
5804:	38	31	7	37	30	8	700589.28453	700589.32211	-0.03758	0.10000	0.00000	700589.32211	-0.03758	0.5000
5805:	38	31	8	37	30	7	700589.28453	700589.32211	-0.03758	0.10000	0.00000	700589.32211	-0.03758	0.5000
5806:	36	32	5	35	31	4	700613.97111	700613.98275	-0.01164	0.10000	0.00000	700613.98275	-0.01164	0.5000
5807:	36	32	4	35	31	5	700613.97111	700613.98275	-0.01164	0.10000	0.00000	700613.98275	-0.01164	0.5000
5808:	34	33	2	33	32	1	700628.00480	700627.84648	0.15831	0.10000	0.00000	700627.84648	0.15831	0.5000
5809:	34	33	1	33	32	2	700628.00480	700627.84648	0.15831	0.10000	0.00000	700627.84648	0.15831	0.5000
5810:	55	23	33	54	22	32	704935.61170	704935.51361	0.09819	0.10000	0.00000	704935.51361	0.09809	0.5000
5811:	55	23	32	54	22	33	704935.61170	704935.51371	0.09799	0.10000	0.00000	704935.51361	0.09809	0.5000
5812:	51	25	27	50	24	26	706484.47862	706484.59061	-0.11200	0.10000	0.00000	706484.59061	-0.11200	0.5000
5813:	51	25	26	50	24	27	706484.47862	706484.59061	-0.11200	0.10000	0.00000	706484.59061	-0.11200	0.5000
5814:	49	26	24	48	25	23	706906.53928	706906.54115	-0.00187	0.10000	0.00000	706906.54115	-0.00187	0.5000
5815:	49	26	23	48	25	24	706906.53928	706906.54115	-0.00187	0.10000	0.00000	706906.54115	-0.00187	0.5000
5816:	47	27	20	46	26	21	707190.06606	707189.86702	0.19904	0.10000	0.00000	707189.86702	0.19904	0.5000
5817:	47	27	21	46	26	20	707190.06606	707189.86702	0.19904	0.10000	0.00000	707189.86702	0.19904	0.5000
5818:	45	28	18	44	27	17	707377.80055	707378.00840	-0.20785	0.10000	0.00000	707378.00840	-0.20785	0.5000
5819:	45	28	17	44	27	18	707377.80055	707378.00840	-0.20785	0.10000	0.00000	707378.00840	-0.20785	0.5000
5820:	43	29	15	42	28	14	707501.23825	707500.90573	0.33252	0.10000	0.00000	707500.90573	0.33252	0.5000
5821:	43	29	14	42	28	15	707501.23825	707500.90573	0.33252	0.10000	0.00000	707500.90573	0.33252	0.5000
5822:	39	31	8	38	30	9	707627.94782	707628.09500	-0.14718	0.10000	0.00000	707628.09500	-0.14718	0.5000
5823:	39	31	9	38	30	8	707627.94782	707628.09500	-0.14718	0.10000	0.00000	707628.09500	-0.14718	0.5000
5824:	37	32	6	36	31	5	707657.13503	707657.16799	-0.03296	0.10000	0.00000	707657.16799	-0.03296	0.5000
5825:	37	32	5	36	31	6	707657.13503	707657.16799	-0.03296	0.10000	0.00000	707657.16799	-0.03296	0.5000
5826:	35	33	3	34	32	2	707674.05793	707673.71243	0.34551	0.10000	0.00000	707673.71243	0.34551	0.5000
5827:	35	33	2	34	32	3	707674.05793	707673.71243	0.34551	0.10000	0.00000	707673.71243	0.34551	0.5000
5828:	58	22	36	57	21	37	710188.17232	710188.24097	-0.06865	0.10000	0.00000	710188.24097	-0.06865	0.5000
5829:	52	25	27	51	24	28	713389.16766	713389.43992	-0.27226	0.10000	0.00000	713389.43992	-0.27226	0.5000
5830:	52	25	28	51	24	27	713389.16766	713389.43992	-0.27226	0.10000	0.00000	713389.43992	-0.27226	0.5000
5831:	50	26	25	49	25	24	713854.90510	713854.87203	0.03307	0.10000	0.00000	713854.87203	0.03307	0.5000
5832:	50	26	24	49	25	25	713854.90510	713854.87203	0.03307	0.10000	0.00000	713854.87203	0.03307	0.5000
5833:	48	27	22	47	26	21	714169.39160	714169.31275	0.07885	0.10000	0.00000	714169.31275	0.07885	0.5000
5834:	48	27	21	47	26	22	714169.39160	714169.31275	0.07885	0.10000	0.00000	714169.31275	0.07885	0.5000
5835:	46	28	18	45	27	19	714379.79739	714379.70692	0.09047	0.10000	0.00000	714379.70692	0.09047	0.5000

5836:	46	28	19	45	27	18	714379.79739	714379.70692	0.09047	0.10000	0.00000	714379.70692	0.09047	0.5000
5837:	44	29	16	43	28	15	714518.13190	714518.41394	-0.28204	0.10000	0.00000	714518.41394	-0.28204	0.5000
5838:	44	29	15	43	28	16	714518.13190	714518.41394	-0.28204	0.10000	0.00000	714518.41394	-0.28204	0.5000
5839:	42	30	13	41	29	12	714608.09975	714607.99893	0.10083	0.10000	0.00000	714607.99893	0.10083	0.5000
5840:	42	30	12	41	29	13	714608.09975	714607.99893	0.10083	0.10000	0.00000	714607.99893	0.10083	0.5000
5841:	40	31	9	39	30	10	714664.62504	714664.29172	0.33332	0.10000	0.00000	714664.29172	0.33332	0.5000
5842:	40	31	10	39	30	9	714664.62504	714664.29172	0.33332	0.10000	0.00000	714664.29172	0.33332	0.5000
5843:	38	32	7	37	31	6	714698.36421	714698.40757	-0.04336	0.10000	0.00000	714698.40757	-0.04336	0.5000
5844:	38	32	6	37	31	7	714698.36421	714698.40757	-0.04336	0.10000	0.00000	714698.40757	-0.04336	0.5000
5845:	34	34	1	33	33	0	714728.97658	714728.80241	0.17417	0.10000	0.00000	714728.80241	0.17417	0.5000
5846:	34	34	0	33	33	1	714728.97658	714728.80241	0.17417	0.10000	0.00000	714728.80241	0.17417	0.5000
5847:	55	24	31	54	23	32	719528.87971	719528.94038	-0.06067	0.10000	0.00000	719528.94038	-0.06067	0.5000
5848:	55	24	32	54	23	31	719528.87971	719528.94037	-0.06066	0.10000	0.00000	719528.94038	-0.06067	0.5000
5849:	53	25	29	52	24	28	720280.33271	720280.43892	-0.10621	0.10000	0.00000	720280.43892	-0.10621	0.5000
5850:	53	25	28	52	24	29	720280.33271	720280.43892	-0.10621	0.10000	0.00000	720280.43892	-0.10621	0.5000
5851:	51	26	26	50	25	25	720792.50158	720792.66728	-0.16570	0.10000	0.00000	720792.66728	-0.16570	0.5000
5852:	51	26	25	50	25	26	720792.50158	720792.66728	-0.16570	0.10000	0.00000	720792.66728	-0.16570	0.5000
5853:	49	27	23	48	26	22	721140.68751	721140.68734	0.00017	0.10000	0.00000	721140.68734	0.00017	0.5000
5854:	49	27	22	48	26	23	721140.68751	721140.68734	0.00017	0.10000	0.00000	721140.68734	0.00017	0.5000
5855:	47	28	19	46	27	20	721375.44694	721375.20237	0.24457	0.10000	0.00000	721375.20237	0.24457	0.5000
5856:	47	28	20	46	27	19	721375.44694	721375.20237	0.24457	0.10000	0.00000	721375.20237	0.24457	0.5000
5857:	45	29	17	44	28	16	721531.20383	721531.15332	0.05052	0.10000	0.00000	721531.15332	0.05052	0.5000
5858:	45	29	16	44	28	17	721531.20383	721531.15332	0.05052	0.10000	0.00000	721531.15332	0.05052	0.5000
5859:	41	31	11	40	30	10	721697.64927	721697.69114	-0.04187	0.10000	0.00000	721697.69114	-0.04187	0.5000
5860:	41	31	10	40	30	11	721697.64927	721697.69114	-0.04187	0.10000	0.00000	721697.69114	-0.04187	0.5000
5861:	39	32	7	38	31	8	721737.20142	721737.51910	-0.31768	0.10000	0.00000	721737.51910	-0.31768	0.5000
5862:	39	32	8	38	31	7	721737.20142	721737.51910	-0.31768	0.10000	0.00000	721737.51910	-0.31768	0.5000
5863:	37	33	5	36	32	4	721760.75408	721760.91393	-0.15985	0.10000	0.00000	721760.91393	-0.15985	0.5000
5864:	37	33	4	36	32	5	721760.75408	721760.91393	-0.15985	0.10000	0.00000	721760.91393	-0.15985	0.5000
5865:	35	34	2	34	33	1	721773.50759	721773.80076	-0.29317	0.10000	0.00000	721773.80076	-0.29317	0.5000
5866:	35	34	1	34	33	2	721773.50759	721773.80076	-0.29317	0.10000	0.00000	721773.80076	-0.29317	0.5000
5867:	56	24	32	55	23	33	726334.51155	726334.66139	-0.14986	0.10000	0.00000	726334.66139	-0.14986	0.5000
5868:	56	24	33	55	23	32	726334.51155	726334.66138	-0.14983	0.10000	0.00000	726334.66139	-0.14984	0.5000
5869:	52	26	27	51	25	26	727719.18397	727719.27627	-0.09230	0.10000	0.00000	727719.27627	-0.09230	0.5000
5870:	52	26	26	51	25	27	727719.18397	727719.27627	-0.09230	0.10000	0.00000	727719.27627	-0.09230	0.5000
5871:	50	27	24	49	26	23	728103.37645	728103.47559	-0.09913	0.10000	0.00000	728103.47559	-0.09913	0.5000
5872:	50	27	23	49	26	24	728103.37645	728103.47559	-0.09913	0.10000	0.00000	728103.47559	-0.09913	0.5000
5873:	46	29	17	45	28	18	728538.73387	728538.78498	-0.05111	0.10000	0.00000	728538.78498	-0.05111	0.5000
5874:	46	29	18	45	28	17	728538.73387	728538.78498	-0.05111	0.10000	0.00000	728538.78498	-0.05111	0.5000
5875:	44	30	15	43	29	14	728654.11071	728653.92767	0.18304	0.10000	0.00000	728653.92767	0.18304	0.5000
5876:	44	30	14	43	29	15	728654.11071	728653.92767	0.18304	0.10000	0.00000	728653.92767	0.18304	0.5000
5877:	40	32	9	39	31	8	728774.65550	728774.31232	0.34319	0.10000	0.00000	728774.31232	0.34319	0.5000
5878:	40	32	8	39	31	9	728774.65550	728774.31232	0.34319	0.10000	0.00000	728774.31232	0.34319	0.5000
5879:	38	33	6	37	32	5	728801.96688	728801.94227	0.02461	0.10000	0.00000	728801.94227	0.02461	0.5000
5880:	38	33	5	37	32	6	728801.96688	728801.94227	0.02461	0.10000	0.00000	728801.94227	0.02461	0.5000
5881:	36	34	2	35	33	3	728817.53861	728817.45738	0.08123	0.10000	0.00000	728817.45738	0.08123	0.5000
5882:	36	34	3	35	33	2	728817.53861	728817.45738	0.08123	0.10000	0.00000	728817.45738	0.08123	0.5000
5883:	49	28	22	48	27	21	735346.08978	735345.90692	0.18286	0.10000	0.00000	735345.90692	0.18286	0.5000
5884:	49	28	21	48	27	22	735346.08978	735345.90692	0.18286	0.10000	0.00000	735345.90692	0.18286	0.5000

5885:	47	29	19	46	28	18	735540.84196	735540.95728	-0.11532	0.10000	0.00000	735540.95728	-0.11532	0.5000
5886:	47	29	18	46	28	19	735540.84196	735540.95728	-0.11532	0.10000	0.00000	735540.95728	-0.11532	0.5000
5887:	43	31	12	42	30	13	735755.42702	735755.16863	0.25840	0.10000	0.00000	735755.16863	0.25840	0.5000
5888:	43	31	13	42	30	12	735755.42702	735755.16863	0.25840	0.10000	0.00000	735755.16863	0.25840	0.5000
5889:	41	32	10	40	31	9	735808.88137	735808.58908	0.29230	0.10000	0.00000	735808.58908	0.29230	0.5000
5890:	41	32	9	40	31	10	735808.88137	735808.58908	0.29230	0.10000	0.00000	735808.58908	0.29230	0.5000
5891:	39	33	7	38	32	6	735841.05286	735841.03919	0.01366	0.10000	0.00000	735841.03919	0.01366	0.5000
5892:	39	33	6	38	32	7	735841.05286	735841.03919	0.01366	0.10000	0.00000	735841.03919	0.01366	0.5000
5893:	37	34	3	36	33	4	735859.58099	735859.63674	-0.05575	0.10000	0.00000	735859.63674	-0.05575	0.5000
5894:	37	34	4	36	33	3	735859.58099	735859.63674	-0.05575	0.10000	0.00000	735859.63674	-0.05575	0.5000
5895:	35	35	1	34	34	0	735869.45998	735869.35586	0.10412	0.10000	0.00000	735869.35586	0.10412	0.5000
5896:	35	35	0	34	34	1	735869.45998	735869.35586	0.10412	0.10000	0.00000	735869.35586	0.10412	0.5000
5897:	48	29	20	47	28	19	742537.20686	742537.30546	-0.09860	0.10000	0.00000	742537.30546	-0.09860	0.5000
5898:	48	29	19	47	28	20	742537.20686	742537.30546	-0.09860	0.10000	0.00000	742537.30546	-0.09860	0.5000
5899:	44	31	13	43	30	14	742778.13313	742778.75918	-0.62605	0.10000	0.00000	742778.75918	-0.62605	0.5000
5900:	44	31	14	43	30	13	742778.13313	742778.75918	-0.62605	0.10000	0.00000	742778.75918	-0.62605	0.5000
5901:	42	32	11	41	31	10	742840.00450	742840.14322	-0.13872	0.10000	0.00000	742840.14322	-0.13872	0.5000
5902:	42	32	10	41	31	11	742840.00450	742840.14322	-0.13872	0.10000	0.00000	742840.14322	-0.13872	0.5000
5903:	40	33	8	39	32	7	742878.09389	742878.03351	0.06038	0.10000	0.00000	742878.03351	0.06038	0.5000
5904:	40	33	7	39	32	8	742878.09389	742878.03351	0.06038	0.10000	0.00000	742878.03351	0.06038	0.5000
5905:	38	34	4	37	33	5	742900.20864	742900.19696	0.01167	0.10000	0.00000	742900.19696	0.01167	0.5000
5906:	38	34	5	37	33	4	742900.20864	742900.19696	0.01167	0.10000	0.00000	742900.19696	0.01167	0.5000
5907:	36	35	2	35	34	1	742912.04653	742912.10069	-0.05416	0.10000	0.00000	742912.10069	-0.05416	0.5000
5908:	36	35	1	35	34	2	742912.04653	742912.10069	-0.05416	0.10000	0.00000	742912.10069	-0.05416	0.5000
5909:	51	28	24	50	27	23	749286.65488	749286.60550	0.04938	0.10000	0.00000	749286.60550	0.04938	0.5000
5910:	51	28	23	50	27	24	749286.65488	749286.60550	0.04938	0.10000	0.00000	749286.60550	0.04938	0.5000
5911:	49	29	20	48	28	21	749527.60543	749527.45127	0.15416	0.10000	0.00000	749527.45127	0.15416	0.5000
5912:	49	29	21	48	28	20	749527.60543	749527.45127	0.15416	0.10000	0.00000	749527.45127	0.15416	0.5000
5913:	47	30	18	46	29	17	749690.47392	749690.34064	0.13328	0.10000	0.00000	749690.34064	0.13328	0.5000
5914:	47	30	17	46	29	18	749690.47392	749690.34064	0.13328	0.10000	0.00000	749690.34064	0.13328	0.5000
5915:	45	31	15	44	30	14	749798.80924	749798.57710	0.23214	0.10000	0.00000	749798.57710	0.23214	0.5000
5916:	45	31	14	44	30	15	749798.80924	749798.57710	0.23214	0.10000	0.00000	749798.57710	0.23214	0.5000
5917:	43	32	12	42	31	11	749868.14530	749868.76051	-0.61521	0.10000	0.00000	749868.76051	-0.61521	0.5000
5918:	43	32	11	42	31	12	749868.14530	749868.76051	-0.61521	0.10000	0.00000	749868.76051	-0.61521	0.5000
5919:	41	33	9	40	32	8	749912.85351	749912.74691	0.10660	0.10000	0.00000	749912.74691	0.10660	0.5000
5920:	41	33	8	40	32	9	749912.85351	749912.74691	0.10660	0.10000	0.00000	749912.74691	0.10660	0.5000
5921:	39	34	6	38	33	5	749939.51851	749938.98982	0.52869	0.10000	0.00000	749938.98982	0.52869	0.5000
5922:	39	34	5	38	33	6	749939.51851	749938.98982	0.52869	0.10000	0.00000	749938.98982	0.52869	0.5000
5923:	37	35	3	36	34	2	749953.35454	749953.47793	-0.12338	0.10000	0.00000	749953.47793	-0.12338	0.5000
5924:	37	35	2	36	34	3	749953.35454	749953.47793	-0.12338	0.10000	0.00000	749953.47793	-0.12338	0.5000
5925:	48	30	19	47	29	18	756692.65423	756692.58300	0.07124	0.10000	0.00000	756692.58300	0.07124	0.5000
5926:	48	30	18	47	29	19	756692.65423	756692.58300	0.07124	0.10000	0.00000	756692.58300	0.07124	0.5000
5927:	46	31	16	45	30	15	756814.59178	756814.35517	0.23661	0.10000	0.00000	756814.35517	0.23661	0.5000
5928:	46	31	15	45	30	16	756814.59178	756814.35517	0.23661	0.10000	0.00000	756814.35517	0.23661	0.5000
5929:	44	32	13	43	31	12	756894.12705	756894.21850	-0.09146	0.10000	0.00000	756894.21850	-0.09146	0.5000
5930:	44	32	12	43	31	13	756894.12705	756894.21850	-0.09146	0.10000	0.00000	756894.21850	-0.09146	0.5000
5931:	42	33	9	41	32	10	756944.99988	756944.99389	0.00599	0.10000	0.00000	756944.99389	0.00599	0.5000
5932:	42	33	10	41	32	9	756944.99988	756944.99389	0.00599	0.10000	0.00000	756944.99389	0.00599	0.5000
5933:	40	34	6	39	33	7	756976.09744	756975.86066	0.23677	0.10000	0.00000	756975.86066	0.23677	0.5000

5934:	40	34	7	39	33	6	756976.09744	756975.86066	0.23677	0.10000	0.00000	756975.86066	0.23677	0.5000
5935:	38	35	3	37	34	4	756991.73903	756993.35896	-1.61993	0.10000	0.00000			
5936:	36	36	1	35	35	1	757002.02204	757002.10154	-0.07950	0.10000	0.00000	757002.10154	-0.07950	0.5000
5937:	36	36	1	35	35	0	757002.02204	757002.10154	-0.07950	0.10000	0.00000	757002.10154	-0.07950	0.5000
5938:	55	27	29	54	26	28	762768.91450	762769.09152	-0.17702	0.10000	0.00000	762769.09152	-0.17702	0.5000
5939:	55	27	28	54	26	29	762768.91450	762769.09152	-0.17702	0.10000	0.00000	762769.09152	-0.17702	0.5000
5940:	47	31	17	46	30	16	763825.71638	763825.81646	-0.10008	0.10000	0.00000	763825.81646	-0.10008	0.5000
5941:	47	31	16	46	30	17	763825.71638	763825.81646	-0.10008	0.10000	0.00000	763825.81646	-0.10008	0.5000
5942:	45	32	14	44	31	13	763916.33373	763916.28647	0.04726	0.10000	0.00000	763916.28647	0.04726	0.5000
5943:	45	32	13	44	31	14	763916.33373	763916.28647	0.04726	0.10000	0.00000	763916.28647	0.04726	0.5000
5944:	43	33	11	42	32	10	763974.37255	763974.58169	-0.20915	0.10000	0.00000	763974.58169	-0.20915	0.5000
5945:	43	33	10	42	32	11	763974.37255	763974.58169	-0.20915	0.10000	0.00000	763974.58169	-0.20915	0.5000
5946:	41	34	8	40	33	7	764010.45849	764010.64840	-0.18991	0.10000	0.00000	764010.64840	-0.18991	0.5000
5947:	41	34	7	40	33	8	764010.45849	764010.64840	-0.18991	0.10000	0.00000	764010.64840	-0.18991	0.5000
5948:	39	35	4	38	34	5	764032.07497	764031.60942	0.46555	0.10000	0.00000	764031.60942	0.46555	0.5000
5949:	39	35	5	38	34	4	764032.07497	764031.60942	0.46555	0.10000	0.00000	764031.60942	0.46555	0.5000
5950:	37	36	2	36	35	1	764042.06317	764042.52363	-0.46046	0.10000	0.00000	764042.52363	-0.46046	0.5000
5951:	37	36	1	36	35	2	764042.06317	764042.52363	-0.46046	0.10000	0.00000	764042.52363	-0.46046	0.5000
5952:	60	25	35	59	24	36	768053.34654	768053.22105	0.12549	0.10000	0.00000	768053.22103	0.12551	0.5000
5953:	60	25	36	59	24	35	768053.34654	768053.22102	0.12552	0.10000	0.00000	768053.22103	0.12551	0.5000
5954:	58	26	32	57	25	33	769003.62495	769003.81208	-0.18714	0.10000	0.00000	769003.81208	-0.18714	0.5000
5955:	58	26	33	57	25	32	769003.62495	769003.81208	-0.18714	0.10000	0.00000	769003.81208	-0.18714	0.5000
5956:	56	27	30	55	26	29	769668.32888	769668.31638	0.01250	0.10000	0.00000	769668.31638	0.01250	0.5000
5957:	56	27	29	55	26	30	769668.32888	769668.31638	0.01250	0.10000	0.00000	769668.31638	0.01250	0.5000
5958:	54	28	26	53	27	27	770133.08220	770133.02044	0.06176	0.10000	0.00000	770133.02044	0.06176	0.5000
5959:	54	28	27	53	27	26	770133.08220	770133.02044	0.06176	0.10000	0.00000	770133.02044	0.06176	0.5000
5960:	52	29	23	51	28	24	770456.58533	770456.68042	-0.09508	0.10000	0.00000	770456.68042	-0.09508	0.5000
5961:	52	29	24	51	28	23	770456.58533	770456.68042	-0.09508	0.10000	0.00000	770456.68042	-0.09508	0.5000
5962:	50	30	20	49	29	21	770680.50704	770680.23709	0.26995	0.10000	0.00000	770680.23709	0.26995	0.5000
5963:	50	30	21	49	29	20	770680.50704	770680.23709	0.26995	0.10000	0.00000	770680.23709	0.26995	0.5000
5964:	48	31	17	47	30	18	770832.42846	770832.67417	-0.24570	0.10000	0.00000	770832.67417	-0.24570	0.5000
5965:	48	31	18	47	30	17	770832.42846	770832.67417	-0.24570	0.10000	0.00000	770832.67417	-0.24570	0.5000
5966:	46	32	14	45	31	15	770934.81494	770934.72525	0.08968	0.10000	0.00000	770934.72525	0.08968	0.5000
5967:	46	32	15	45	31	14	770934.81494	770934.72525	0.08968	0.10000	0.00000	770934.72525	0.08968	0.5000
5968:	44	33	12	43	32	11	771001.29242	771001.31022	-0.01781	0.10000	0.00000	771001.31022	-0.01781	0.5000
5969:	44	33	11	43	32	12	771001.29242	771001.31022	-0.01781	0.10000	0.00000	771001.31022	-0.01781	0.5000
5970:	42	34	8	41	33	9	771043.44099	771043.18546	0.25553	0.10000	0.00000	771043.18546	0.25553	0.5000
5971:	42	34	9	41	33	8	771043.44099	771043.18546	0.25553	0.10000	0.00000	771043.18546	0.25553	0.5000
5972:	40	35	5	39	34	6	771067.68362	771068.08907	-0.40545	0.10000	0.00000	771068.08907	-0.40545	0.5000
5973:	40	35	6	39	34	5	771067.68362	771068.08907	-0.40545	0.10000	0.00000	771068.08907	-0.40545	0.5000
5974:	38	36	3	37	35	2	771081.74389	771081.55127	0.19262	0.10000	0.00000	771081.55127	0.19262	0.5000
5975:	38	36	2	37	35	3	771081.74389	771081.55127	0.19262	0.10000	0.00000	771081.55127	0.19262	0.5000
5976:	63	24	40	62	23	39	773315.68501	773316.31212	-0.62711	0.10000	0.00000			
5977:	61	25	37	60	24	36	774799.05963	774799.19906	-0.13942	0.10000	0.00000	774799.19910	-0.13946	0.5000
5978:	61	25	36	60	24	37	774799.05963	774799.19914	-0.13950	0.10000	0.00000	774799.19910	-0.13946	0.5000
5979:	57	27	31	56	26	30	776554.81695	776554.71092	0.10603	0.10000	0.00000	776554.71092	0.10603	0.5000
5980:	57	27	30	56	26	31	776554.81695	776554.71092	0.10603	0.10000	0.00000	776554.71092	0.10603	0.5000
5981:	55	28	27	54	27	28	777062.66649	777062.52664	0.13985	0.10000	0.00000	777062.52664	0.13985	0.5000
5982:	55	28	28	54	27	27	777062.66649	777062.52664	0.13985	0.10000	0.00000	777062.52664	0.13985	0.5000

5983:	53	29	24	52	28	25	777417.96282	777417.94871	0.01411	0.10000	0.00000	777417.94871	0.01411	0.5000
5984:	53	29	25	52	28	24	777417.96282	777417.94871	0.01411	0.10000	0.00000	777417.94871	0.01411	0.5000
5985:	49	31	19	48	30	18	777834.69512	777834.63137	0.06375	0.10000	0.00000	777834.63137	0.06375	0.5000
5986:	49	31	18	48	30	19	777834.69512	777834.63137	0.06375	0.10000	0.00000	777834.63137	0.06375	0.5000
5987:	47	32	15	46	31	16	777949.29085	777949.28712	0.00373	0.10000	0.00000	777949.28712	0.00373	0.5000
5988:	47	32	16	46	31	15	777949.29085	777949.28712	0.00373	0.10000	0.00000	777949.28712	0.00373	0.5000
5989:	41	35	7	40	34	6	778102.61344	778102.65187	-0.03842	0.10000	0.00000	778102.65187	-0.03842	0.5000
5990:	41	35	6	40	34	7	778102.61344	778102.65187	-0.03842	0.10000	0.00000	778102.65187	-0.03842	0.5000
5991:	39	36	4	38	35	3	778119.35747	778119.06221	0.29527	0.10000	0.00000	778119.06221	0.29527	0.5000
5992:	39	36	3	38	35	4	778119.35747	778119.06221	0.29527	0.10000	0.00000	778119.06221	0.29527	0.5000
5993:	37	37	1	36	36	0	778126.88299	778126.81733	0.06567	0.10000	0.00000	778126.81733	0.06567	0.5000
5994:	37	37	0	36	36	1	778126.88299	778126.81733	0.06567	0.10000	0.00000	778126.81733	0.06567	0.5000
5995:	64	24	41	63	23	40	779915.64974	779915.50093	0.14882	0.10000	0.00000	779915.50739	0.14236	0.5000
5996:	64	24	40	63	23	41	779915.64974	779915.51385	0.13589	0.10000	0.00000	779915.50739	0.14236	0.5000
5997:	62	25	37	61	24	38	781522.00341	781521.96632	0.03709	0.10000	0.00000	781521.96624	0.03718	0.5000
5998:	62	25	38	61	24	37	781522.00341	781521.96615	0.03726	0.10000	0.00000	781521.96624	0.03718	0.5000
5999:	60	26	34	59	25	35	782641.27765	782641.22749	0.05016	0.10000	0.00000	782641.22748	0.05016	0.5000
6000:	60	26	35	59	25	34	782641.27765	782641.22748	0.05016	0.10000	0.00000	782641.22748	0.05016	0.5000
6001:	58	27	32	57	26	31	783427.77886	783427.56235	0.21651	0.10000	0.00000	783427.56235	0.21651	0.5000
6002:	58	27	31	57	26	32	783427.77886	783427.56235	0.21651	0.10000	0.00000	783427.56235	0.21651	0.5000
6003:	56	28	28	55	27	29	783981.57779	783981.46455	0.11324	0.10000	0.00000	783981.46455	0.11324	0.5000
6004:	56	28	25	55	27	28	783981.57779	783981.46455	0.11324	0.10000	0.00000	783981.46455	0.11324	0.5000
6005:	54	29	25	53	28	26	784370.76336	784370.90471	-0.14135	0.10000	0.00000	784370.90471	-0.14135	0.5000
6006:	54	29	26	53	28	25	784370.76336	784370.90471	-0.14135	0.10000	0.00000	784370.90471	-0.14135	0.5000
6007:	50	31	20	49	30	19	784831.17363	784831.38081	-0.20718	0.10000	0.00000	784831.38081	-0.20718	0.5000
6008:	50	31	19	49	30	20	784831.17363	784831.38081	-0.20718	0.10000	0.00000	784831.38081	-0.20718	0.5000
6009:	48	32	16	47	31	17	784959.56760	784959.71564	-0.14805	0.10000	0.00000	784959.71564	-0.14805	0.5000
6010:	48	32	17	47	31	16	784959.56760	784959.71564	-0.14805	0.10000	0.00000	784959.71564	-0.14805	0.5000
6011:	46	33	14	45	32	13	785045.31228	785045.35189	-0.03961	0.10000	0.00000	785045.35189	-0.03961	0.5000
6012:	46	33	13	45	32	14	785045.31228	785045.35189	-0.03961	0.10000	0.00000	785045.35189	-0.03961	0.5000
6013:	44	34	10	43	33	11	785100.54910	785100.80439	-0.25529	0.10000	0.00000	785100.80439	-0.25529	0.5000
6014:	44	34	11	43	33	10	785100.54910	785100.80439	-0.25529	0.10000	0.00000	785100.80439	-0.25529	0.5000
6015:	42	35	8	41	34	7	785135.24435	785135.14582	0.09853	0.10000	0.00000	785135.14582	0.09853	0.5000
6016:	42	35	7	41	34	8	785135.24435	785135.14582	0.09853	0.10000	0.00000	785135.14582	0.09853	0.5000
6017:	40	36	5	39	35	4	785155.08347	785154.92886	0.15461	0.10000	0.00000	785154.92886	0.15461	0.5000
6018:	40	36	4	39	35	5	785155.08347	785154.92886	0.15461	0.10000	0.00000	785154.92886	0.15461	0.5000
6019:	38	37	1	37	36	2	785164.91805	785164.84716	0.07089	0.10000	0.00000	785164.84716	0.07089	0.5000
6020:	38	37	2	37	36	1	785164.91805	785164.84716	0.07089	0.10000	0.00000	785164.84716	0.07089	0.5000
6021:	65	24	41	64	23	42	786480.34285	786481.17104	-0.82819	0.10000	0.00000	786481.15776	-0.81491	0.5000
6022:	65	24	42	64	23	41	786480.34285	786481.14449	-0.80164	0.10000	0.00000	786481.15776	-0.81491	0.5000
6023:	63	25	38	62	24	39	788220.29896	788220.16994	0.12902	0.10000	0.00000	788220.16975	0.12921	0.5000
6024:	63	25	39	62	24	38	788220.29896	788220.16956	0.12940	0.10000	0.00000	788220.16975	0.12921	0.5000
6025:	61	26	35	60	25	36	789432.61441	789432.60397	0.01044	0.10000	0.00000	789432.60397	0.01044	0.5000
6026:	61	26	36	60	25	35	789432.61441	789432.60397	0.01044	0.10000	0.00000	789432.60397	0.01044	0.5000
6027:	59	27	33	58	26	32	790286.40738	790286.12637	0.28101	0.10000	0.00000	790286.12637	0.28101	0.5000
6028:	59	27	32	58	26	33	790286.40738	790286.12637	0.28101	0.10000	0.00000	790286.12637	0.28101	0.5000
6029:	57	28	30	56	27	29	790889.39253	790889.24995	0.14259	0.10000	0.00000	790889.24995	0.14259	0.5000
6030:	57	28	29	56	27	30	790889.39253	790889.24995	0.14259	0.10000	0.00000	790889.24995	0.14259	0.5000
6031:	55	29	26	54	28	27	791315.19761	791315.07879	0.11882	0.10000	0.00000	791315.07879	0.11882	0.5000

6032:	55	29	27	54	28	26	791315.19761	791315.07879	0.11882	0.10000	0.00000	791315.07879	0.11882	0.5000
6033:	53	30	24	52	29	23	791613.87044	791614.26476	-0.39433	0.10000	0.00000	791614.26476	-0.39433	0.5000
6034:	53	30	23	52	29	24	791613.87044	791614.26476	-0.39433	0.10000	0.00000	791614.26476	-0.39433	0.5000
6035:	51	31	21	50	30	20	791822.53572	791822.60461	-0.06889	0.10000	0.00000	791822.60461	-0.06889	0.5000
6036:	51	31	20	50	30	21	791822.53572	791822.60461	-0.06889	0.10000	0.00000	791822.60461	-0.06889	0.5000
6037:	49	32	17	48	31	18	791965.67450	791965.74549	-0.07099	0.10000	0.00000	791965.74549	-0.07099	0.5000
6038:	49	32	18	48	31	17	791965.67450	791965.74549	-0.07099	0.10000	0.00000	791965.74549	-0.07099	0.5000
6039:	118	16103117	15102				792062.31213	792062.38585	-0.07373	0.10000	0.00000	792062.38585	-0.07373	0.3333
6040:	118	16103117	16102				792062.31213	792062.38585	-0.07373	0.10000	0.00000	792062.38585	-0.07373	0.3333
6041:	118	15103117	15102				792062.31213	792062.38585	-0.07373	0.10000	0.00000	792062.38585	-0.07373	0.3333
6042:	45	34	12	44	33	11	792125.70265	792125.51810	0.18455	0.10000	0.00000	792125.51810	0.18455	0.5000
6043:	45	34	11	44	33	12	792125.70265	792125.51810	0.18455	0.10000	0.00000	792125.51810	0.18455	0.5000
6044:	43	35	8	42	34	9	792165.48277	792165.41305	0.06972	0.10000	0.00000	792165.41305	0.06972	0.5000
6045:	43	35	9	42	34	8	792165.48277	792165.41305	0.06972	0.10000	0.00000	792165.41305	0.06972	0.5000
6046:	41	36	6	40	35	5	792188.85204	792189.01831	-0.16627	0.10000	0.00000	792189.01831	-0.16627	0.5000
6047:	41	36	5	40	35	6	792188.85204	792189.01831	-0.16627	0.10000	0.00000	792189.01831	-0.16627	0.5000
6048:	39	37	3	38	36	2	792201.38066	792201.45484	-0.07418	0.10000	0.00000	792201.45484	-0.07418	0.5000
6049:	39	37	2	38	36	3	792201.38066	792201.45484	-0.07418	0.10000	0.00000	792201.45484	-0.07418	0.5000
6050:	66	24	43	65	23	42	793011.06624	793011.08945	-0.02322	0.10000	0.00000	793011.11633	-0.05010	0.5000
6051:	66	24	42	65	23	43	793011.06624	793011.14322	-0.07698	0.10000	0.00000	793011.11633	-0.05010	0.5000
6052:	64	25	39	63	24	40	794892.50778	794892.37311	0.13467	0.10000	0.00000	794892.37270	0.13508	0.5000
6053:	64	25	40	63	24	39	794892.50778	794892.37228	0.13550	0.10000	0.00000	794892.37270	0.13508	0.5000
6054:	62	26	37	61	25	36	796204.31825	796204.40152	-0.08327	0.10000	0.00000	796204.40152	-0.08327	0.5000
6055:	62	26	36	61	25	37	796204.31825	796204.40153	-0.08328	0.10000	0.00000	796204.40152	-0.08327	0.5000
6056:	60	27	33	59	26	34	797129.41178	797129.62511	-0.21334	0.10000	0.00000	797129.62511	-0.21334	0.5000
6057:	60	27	34	59	26	33	797129.41178	797129.62511	-0.21334	0.10000	0.00000	797129.62511	-0.21334	0.5000
6058:	58	28	31	57	27	30	797785.26595	797785.27512	-0.00917	0.10000	0.00000	797785.27512	-0.00917	0.5000
6059:	58	28	30	57	27	31	797785.26595	797785.27512	-0.00917	0.10000	0.00000	797785.27512	-0.00917	0.5000
6060:	56	29	28	55	28	27	798250.16645	798249.98391	0.18253	0.10000	0.00000	798249.98391	0.18253	0.5000
6061:	56	29	27	55	28	28	798250.16645	798249.98391	0.18253	0.10000	0.00000	798249.98391	0.18253	0.5000
6062:	54	30	24	53	29	25	798577.96674	798578.09608	-0.12934	0.10000	0.00000	798578.09608	-0.12934	0.5000
6063:	54	30	25	53	29	24	798577.96674	798578.09608	-0.12934	0.10000	0.00000	798578.09608	-0.12934	0.5000
6064:	52	31	22	51	30	21	798808.00904	798807.97402	0.03502	0.10000	0.00000	798807.97402	0.03502	0.5000
6065:	52	31	21	51	30	22	798808.00904	798807.97402	0.03502	0.10000	0.00000	798807.97402	0.03502	0.5000
6066:	50	32	19	49	31	18	798967.21896	798967.10229	0.11667	0.10000	0.00000	798967.10229	0.11667	0.5000
6067:	50	32	18	49	31	19	798967.21896	798967.10229	0.11667	0.10000	0.00000	798967.10229	0.11667	0.5000
6068:	46	34	12	45	33	13	799147.14743	799147.24469	-0.09726	0.10000	0.00000	799147.24469	-0.09726	0.5000
6069:	46	34	13	45	33	12	799147.14743	799147.24469	-0.09726	0.10000	0.00000	799147.24469	-0.09726	0.5000
6070:	44	35	10	43	34	9	799193.19469	799193.28965	-0.09496	0.10000	0.00000	799193.28965	-0.09496	0.5000
6071:	44	35	9	43	34	10	799193.19469	799193.28965	-0.09496	0.10000	0.00000	799193.28965	-0.09496	0.5000
6072:	42	36	7	41	35	6	799221.18263	799221.19227	-0.00965	0.10000	0.00000	799221.19227	-0.00965	0.5000
6073:	42	36	6	41	35	7	799221.18263	799221.19227	-0.00965	0.10000	0.00000	799221.19227	-0.00965	0.5000
6074:	38	38	0	37	37	1	799243.20911	799243.28135	-0.07224	0.10000	0.00000	799243.28135	-0.07224	0.5000
6075:	38	38	1	37	37	0	799243.20911	799243.28135	-0.07224	0.10000	0.00000	799243.28135	-0.07224	0.5000
6076:	67	24	44	66	23	43	799502.84398	799503.00622	-0.16224	0.10000	0.00000	799503.00622	-0.16224	0.5000
6077:	65	25	40	64	24	41	801536.84504	801537.04646	-0.20142	0.10000	0.00000	801537.04646	-0.20053	0.5000
6078:	65	25	41	64	24	40	801536.84504	801537.04646	-0.19965	0.10000	0.00000	801537.04646	-0.20053	0.5000
6079:	63	26	37	62	25	38	802955.42787	802955.53357	-0.10570	0.10000	0.00000	802955.53356	-0.10569	0.5000
6080:	63	26	38	62	25	37	802955.42787	802955.53355	-0.10568	0.10000	0.00000	802955.53356	-0.10569	0.5000

6081:	61	27	35	60	26	34	803958.15216	803957.24491	0.90724	0.10000	0.00000	803957.24491	0.90724	0.5000
6082:	61	27	34	60	26	35	803958.15216	803957.24491	0.90724	0.10000	0.00000	803957.24491	0.90724	0.5000
6083:	59	28	32	58	27	31	804668.78971	804668.90747	-0.11776	0.10000	0.00000	804668.90747	-0.11776	0.5000
6084:	59	28	31	58	27	32	804668.78971	804668.90747	-0.11776	0.10000	0.00000	804668.90747	-0.11776	0.5000
6085:	55	30	26	54	29	25	805534.13724	805534.16413	-0.02689	0.10000	0.00000	805534.16413	-0.02689	0.5000
6086:	55	30	25	54	29	26	805534.13724	805534.16413	-0.02689	0.10000	0.00000	805534.16413	-0.02689	0.5000
6087:	53	31	23	52	30	22	805787.15589	805787.14908	0.00681	0.10000	0.00000	805787.14908	0.00681	0.5000
6088:	53	31	22	52	30	23	805787.15589	805787.14908	0.00681	0.10000	0.00000	805787.14908	0.00681	0.5000
6089:	51	32	20	50	31	19	805963.47187	805963.50240	-0.03054	0.10000	0.00000	805963.50240	-0.03054	0.5000
6090:	51	32	19	50	31	20	805963.47187	805963.50240	-0.03054	0.10000	0.00000	805963.50240	-0.03054	0.5000
6091:	49	33	16	48	32	17	806084.12748	806084.53537	-0.40788	0.10000	0.00000	806084.53537	-0.40788	0.5000
6092:	49	33	17	48	32	16	806084.12748	806084.53537	-0.40788	0.10000	0.00000	806084.53537	-0.40788	0.5000
6093:	47	34	14	46	33	13	806165.86604	806165.78315	0.08289	0.10000	0.00000	806165.78315	0.08289	0.5000
6094:	47	34	13	46	33	14	806165.86604	806165.78315	0.08289	0.10000	0.00000	806165.78315	0.08289	0.5000
6095:	45	35	11	44	34	10	806218.54092	806218.60572	-0.06480	0.10000	0.00000	806218.60572	-0.06480	0.5000
6096:	45	35	10	44	34	11	806218.54092	806218.60572	-0.06480	0.10000	0.00000	806218.60572	-0.06480	0.5000
6097:	39	38	1	38	37	2	806278.90362	806278.84916	0.05445	0.10000	0.00000	806278.84916	0.05445	0.5000
6098:	39	38	2	38	37	1	806278.90362	806278.84916	0.05445	0.10000	0.00000	806278.84916	0.05445	0.5000
6099:	66	25	41	65	24	42	808152.35954	808152.55688	-0.19920	0.10000	0.00000	808152.55688	-0.19734	0.5000
6100:	66	25	42	65	24	41	808152.35954	808152.55688	-0.19548	0.10000	0.00000	808152.55688	-0.19734	0.5000
6101:	64	26	38	63	25	39	809684.94294	809684.85361	0.08931	0.10000	0.00000	809684.85361	0.08934	0.5000
6102:	64	26	39	63	25	38	809684.94294	809684.85361	0.08936	0.10000	0.00000	809684.85361	0.08934	0.5000
6103:	62	27	35	61	26	36	810767.84279	810768.13377	-0.29098	0.10000	0.00000	810768.13377	-0.29098	0.5000
6104:	62	27	36	61	26	35	810767.84279	810768.13377	-0.29098	0.10000	0.00000	810768.13377	-0.29098	0.5000
6105:	60	28	33	59	27	32	811539.52094	811539.48816	0.03279	0.10000	0.00000	811539.48816	0.03279	0.5000
6106:	60	28	32	59	27	33	811539.52094	811539.48816	0.03279	0.10000	0.00000	811539.48816	0.03279	0.5000
6107:	58	29	30	57	28	29	812089.84719	812089.94718	-0.09998	0.10000	0.00000	812089.94718	-0.09998	0.5000
6108:	58	29	29	57	28	30	812089.84719	812089.94718	-0.09998	0.10000	0.00000	812089.94718	-0.09998	0.5000
6109:	54	31	23	53	30	24	812759.94252	812759.77830	0.16422	0.10000	0.00000	812759.77830	0.16422	0.5000
6110:	54	31	24	53	30	23	812759.94252	812759.77830	0.16422	0.10000	0.00000	812759.77830	0.16422	0.5000
6111:	52	32	21	51	31	20	812954.41255	812954.65272	-0.24017	0.10000	0.00000	812954.65272	-0.24017	0.5000
6112:	52	32	20	51	31	21	812954.41255	812954.65272	-0.24017	0.10000	0.00000	812954.65272	-0.24017	0.5000
6113:	50	33	18	49	32	17	813088.89070	813089.48343	-0.59274	0.10000	0.00000	813089.48343	-0.59274	0.5000
6114:	50	33	17	49	32	18	813088.89070	813089.48343	-0.59274	0.10000	0.00000	813089.48343	-0.59274	0.5000
6115:	48	34	14	47	33	15	813180.79834	813180.92558	-0.12725	0.10000	0.00000	813180.92558	-0.12725	0.5000
6116:	48	34	15	47	33	14	813180.79834	813180.92558	-0.12725	0.10000	0.00000	813180.92558	-0.12725	0.5000
6117:	46	35	12	45	34	11	813241.30273	813241.18524	0.11749	0.10000	0.00000	813241.18524	0.11749	0.5000
6118:	46	35	11	45	34	12	813241.30273	813241.18524	0.11749	0.10000	0.00000	813241.18524	0.11749	0.5000
6119:	44	36	9	43	35	8	813279.15850	813279.21347	-0.05496	0.10000	0.00000	813279.21347	-0.05496	0.5000
6120:	44	36	8	43	35	9	813279.15850	813279.21347	-0.05496	0.10000	0.00000	813279.21347	-0.05496	0.5000
6121:	42	37	5	41	36	6	813301.70575	813301.55575	0.15000	0.10000	0.00000	813301.55575	0.15000	0.5000
6122:	42	37	6	41	36	5	813301.70575	813301.55575	0.15000	0.10000	0.00000	813301.55575	0.15000	0.5000
6123:	40	38	3	39	37	2	813312.98255	813312.96632	0.01623	0.10000	0.00000	813312.96632	0.01623	0.5000
6124:	40	38	2	39	37	3	813312.98255	813312.96632	0.01623	0.10000	0.00000	813312.96632	0.01623	0.5000
6125:	65	26	39	64	25	40	816391.34320	816391.15019	0.19301	0.10000	0.00000	816391.15014	0.19306	0.5000
6126:	65	26	40	64	25	39	816391.34320	816391.15008	0.19312	0.10000	0.00000	816391.15014	0.19306	0.5000
6127:	63	27	36	62	26	37	817561.57327	817561.39859	0.17467	0.10000	0.00000	817561.39859	0.17467	0.5000
6128:	63	27	37	62	26	36	817561.57327	817561.39859	0.17467	0.10000	0.00000	817561.39859	0.17467	0.5000
6129:	61	28	34	60	27	33	818396.40238	818396.33048	0.07190	0.10000	0.00000	818396.33048	0.07190	0.5000

6130:	61	28	33	60	27	34	818396.40238	818396.33048	0.07190	0.10000	0.00000	818396.33048	0.07190	0.5000
6131:	57	30	28	56	29	27	819421.36456	819421.29103	0.07353	0.10000	0.00000	819421.29103	0.07353	0.5000
6132:	57	30	27	56	29	28	819421.36456	819421.29103	0.07353	0.10000	0.00000	819421.29103	0.07353	0.5000
6133:	55	31	24	54	30	25	819725.71281	819725.49828	0.21453	0.10000	0.00000	819725.49828	0.21453	0.5000
6134:	55	31	25	54	30	24	819725.71281	819725.49828	0.21453	0.10000	0.00000	819725.49828	0.21453	0.5000
6135:	53	32	22	52	31	21	819940.38986	819940.25042	0.13943	0.10000	0.00000	819940.25042	0.13943	0.5000
6136:	53	32	21	52	31	22	819940.38986	819940.25042	0.13943	0.10000	0.00000	819940.25042	0.13943	0.5000
6137:	51	33	19	50	32	18	820089.92997	820089.95769	-0.02773	0.10000	0.00000	820089.95769	-0.02773	0.5000
6138:	51	33	18	50	32	19	820089.92997	820089.95769	-0.02773	0.10000	0.00000	820089.95769	-0.02773	0.5000
6139:	49	34	15	48	33	16	820192.66331	820192.45706	0.20624	0.10000	0.00000	820192.45706	0.20624	0.5000
6140:	49	34	16	48	33	15	820192.66331	820192.45706	0.20624	0.10000	0.00000	820192.45706	0.20624	0.5000
6141:	47	35	13	46	34	12	820260.91996	820260.84605	0.07391	0.10000	0.00000	820260.84605	0.07391	0.5000
6142:	47	35	12	46	34	13	820260.91996	820260.84605	0.07391	0.10000	0.00000	820260.84605	0.07391	0.5000
6143:	43	37	7	42	36	6	820331.35028	820331.26106	0.08922	0.10000	0.00000	820331.26106	0.08922	0.5000
6144:	43	37	6	42	36	7	820331.35028	820331.26106	0.08922	0.10000	0.00000	820331.26106	0.08922	0.5000
6145:	41	38	3	40	37	4	820345.54591	820345.52164	0.02427	0.10000	0.00000	820345.52164	0.02427	0.5000
6146:	41	38	4	40	37	3	820345.54591	820345.52164	0.02427	0.10000	0.00000	820345.52164	0.02427	0.5000
6147:	39	39	1	38	38	0	820351.03943	820351.27202	-0.23259	0.10000	0.00000	820351.27202	-0.23259	0.5000
6148:	39	39	0	38	38	1	820351.03943	820351.27202	-0.23259	0.10000	0.00000	820351.27202	-0.23259	0.5000
6149:	64	27	38	63	26	37	824336.05291	824336.10216	-0.04924	0.10000	0.00000	824336.10216	-0.04924	0.5000
6150:	64	27	37	63	26	38	824336.05291	824336.10216	-0.04924	0.10000	0.00000	824336.10216	-0.04924	0.5000
6151:	62	28	34	61	27	35	825238.50248	825238.71816	-0.21568	0.10000	0.00000	825238.71816	-0.21568	0.5000
6152:	62	28	35	61	27	34	825238.50248	825238.71816	-0.21568	0.10000	0.00000	825238.71816	-0.21568	0.5000
6153:	58	30	29	57	29	28	826351.54412	826351.45177	0.09235	0.10000	0.00000	826351.45177	0.09235	0.5000
6154:	58	30	28	57	29	29	826351.54412	826351.45177	0.09235	0.10000	0.00000	826351.45177	0.09235	0.5000
6155:	56	31	26	55	30	25	826683.83975	826683.93333	-0.09358	0.10000	0.00000	826683.93333	-0.09358	0.5000
6156:	56	31	25	55	30	26	826683.83975	826683.93333	-0.09358	0.10000	0.00000	826683.93333	-0.09358	0.5000
6157:	54	32	22	53	31	23	826920.11072	826919.98272	0.12800	0.10000	0.00000	826919.98272	0.12800	0.5000
6158:	54	32	23	53	31	22	826920.11072	826919.98272	0.12800	0.10000	0.00000	826919.98272	0.12800	0.5000
6159:	52	33	20	51	32	19	827085.68713	827085.69541	-0.00828	0.10000	0.00000	827085.69541	-0.00828	0.5000
6160:	52	33	19	51	32	20	827085.68713	827085.69541	-0.00828	0.10000	0.00000	827085.69541	-0.00828	0.5000
6161:	50	34	17	49	33	16	827200.34897	827200.15554	0.19343	0.10000	0.00000	827200.15554	0.19343	0.5000
6162:	50	34	16	49	33	17	827200.34897	827200.15554	0.19343	0.10000	0.00000	827200.15554	0.19343	0.5000
6163:	48	35	13	47	34	14	827277.48158	827277.39977	0.08181	0.10000	0.00000	827277.39977	0.08181	0.5000
6164:	48	35	14	47	34	13	827277.48158	827277.39977	0.08181	0.10000	0.00000	827277.39977	0.08181	0.5000
6165:	46	36	11	45	35	10	827326.41341	827327.77733	-1.36391	0.10000	0.00000	827327.77733	-1.36391	0.5000
6166:	46	36	10	45	35	11	827326.41341	827327.77733	-1.36391	0.10000	0.00000	827327.77733	-1.36391	0.5000
6167:	42	38	5	41	37	4	827376.26738	827376.39946	-0.13207	0.10000	0.00000	827376.39946	-0.13207	0.5000
6168:	42	38	4	41	37	5	827376.26738	827376.39946	-0.13207	0.10000	0.00000	827376.39946	-0.13207	0.5000
6169:	40	39	1	39	38	2	827384.21151	827384.30777	-0.09625	0.10000	0.00000	827384.30777	-0.09625	0.5000
6170:	40	39	2	39	38	1	827384.21151	827384.30777	-0.09625	0.10000	0.00000	827384.30777	-0.09625	0.5000
6171:	63	28	36	62	27	35	832065.86939	832065.90343	-0.03404	0.10000	0.00000	832065.90343	-0.03404	0.5000
6172:	63	28	35	62	27	36	832065.86939	832065.90343	-0.03404	0.10000	0.00000	832065.90343	-0.03404	0.5000
6173:	61	29	33	60	28	32	832767.50232	832767.10315	0.39917	0.10000	0.00000	832767.10315	0.39917	0.5000
6174:	61	29	32	60	28	33	832767.50232	832767.10315	0.39917	0.10000	0.00000	832767.10315	0.39917	0.5000
6175:	59	30	29	58	29	30	833272.26053	833272.05169	0.20884	0.10000	0.00000	833272.05169	0.20884	0.5000
6176:	59	30	30	58	29	29	833272.26053	833272.05169	0.20884	0.10000	0.00000	833272.05169	0.20884	0.5000
6177:	57	31	27	56	30	26	833634.61232	833634.69502	-0.08271	0.10000	0.00000	833634.69502	-0.08271	0.5000
6178:	57	31	26	56	30	27	833634.61232	833634.69502	-0.08271	0.10000	0.00000	833634.69502	-0.08271	0.5000

6179:	55	32	24	54	31	23	833893.60881	833893.52659	0.08222	0.10000	0.00000	833893.52659	0.08222	0.5000
6180:	55	32	23	54	31	24	833893.60881	833893.52659	0.08222	0.10000	0.00000	833893.52659	0.08222	0.5000
6181:	51	34	17	50	33	18	834203.62572	834203.79171	-0.16600	0.10000	0.00000	834203.79171	-0.16600	0.5000
6182:	51	34	18	50	33	17	834203.62572	834203.79171	-0.16600	0.10000	0.00000	834203.79171	-0.16600	0.5000
6183:	49	35	15	48	34	14	834290.57438	834290.65170	-0.07732	0.10000	0.00000	834290.65170	-0.07732	0.5000
6184:	49	35	14	48	34	15	834290.57438	834290.65170	-0.07732	0.10000	0.00000	834290.65170	-0.07732	0.5000
6185:	45	37	9	44	36	8	834384.23486	834384.36949	-0.13463	0.10000	0.00000	834384.36949	-0.13463	0.5000
6186:	45	37	8	44	36	9	834384.23486	834384.36949	-0.13463	0.10000	0.00000	834384.36949	-0.13463	0.5000
6187:	43	38	5	42	37	6	834405.80259	834405.47956	0.32303	0.10000	0.00000	834405.47956	0.32303	0.5000
6188:	43	38	6	42	37	5	834405.80259	834405.47956	0.32303	0.10000	0.00000	834405.47956	0.32303	0.5000
6189:	41	39	3	40	38	2	834415.81643	834415.86361	-0.04719	0.10000	0.00000	834415.86361	-0.04719	0.5000
6190:	41	39	2	40	38	3	834415.81643	834415.86361	-0.04719	0.10000	0.00000	834415.86361	-0.04719	0.5000
6191:	62	29	34	61	28	33	839635.18425	839635.08169	0.10256	0.10000	0.00000	839635.08169	0.10256	0.5000
6192:	62	29	33	61	28	34	839635.18425	839635.08169	0.10256	0.10000	0.00000	839635.08169	0.10256	0.5000
6193:	60	30	30	59	29	31	840182.10636	840182.60022	-0.49386	0.10000	0.00000	840182.60022	-0.49386	0.5000
6194:	60	30	31	59	29	30	840182.10636	840182.60022	-0.49386	0.10000	0.00000	840182.60022	-0.49386	0.5000
6195:	58	31	28	57	30	27	840577.54829	840577.38172	0.16657	0.10000	0.00000	840577.38172	0.16657	0.5000
6196:	58	31	27	57	30	28	840577.54829	840577.38172	0.16657	0.10000	0.00000	840577.38172	0.16657	0.5000
6197:	56	32	25	55	31	24	840860.66327	840860.54845	0.11482	0.10000	0.00000	840860.54845	0.11482	0.5000
6198:	56	32	24	55	31	25	840860.66327	840860.54845	0.11482	0.10000	0.00000	840860.54845	0.11482	0.5000
6199:	52	34	18	51	33	19	841203.30602	841203.12894	0.17708	0.10000	0.00000	841203.12894	0.17708	0.5000
6200:	52	34	19	51	33	18	841203.30602	841203.12894	0.17708	0.10000	0.00000	841203.12894	0.17708	0.5000
6201:	50	35	16	49	34	15	841300.17176	841300.40079	-0.22903	0.10000	0.00000	841300.40079	-0.22903	0.5000
6202:	50	35	15	49	34	16	841300.17176	841300.40079	-0.22903	0.10000	0.00000	841300.40079	-0.22903	0.5000
6203:	48	36	13	47	35	12	841365.46344	841365.58031	-0.11686	0.10000	0.00000	841365.58031	-0.11686	0.5000
6204:	48	36	12	47	35	13	841365.46344	841365.58031	-0.11686	0.10000	0.00000	841365.58031	-0.11686	0.5000
6205:	46	37	9	45	36	10	841407.43708	841407.48521	-0.04814	0.10000	0.00000	841407.48521	-0.04814	0.5000
6206:	46	37	10	45	36	9	841407.43708	841407.48521	-0.04814	0.10000	0.00000	841407.48521	-0.04814	0.5000
6207:	44	38	7	43	37	6	841432.91535	841432.63719	0.27817	0.10000	0.00000	841432.63719	0.27817	0.5000
6208:	44	38	6	43	37	7	841432.91535	841432.63719	0.27817	0.10000	0.00000	841432.63719	0.27817	0.5000
6209:	42	39	4	41	38	3	841446.01348	841445.83327	0.18021	0.10000	0.00000	841445.83327	0.18021	0.5000
6210:	42	39	3	41	38	4	841446.01348	841445.83327	0.18021	0.10000	0.00000	841445.83327	0.18021	0.5000
6211:	40	40	0	39	39	1	841450.78202	841450.56807	0.21395	0.10000	0.00000	841450.56807	0.21395	0.5000
6212:	40	40	1	39	39	0	841450.78202	841450.56807	0.21395	0.10000	0.00000	841450.56807	0.21395	0.5000
6213:	65	28	38	64	27	37	845671.66611	845671.50553	0.16058	0.10000	0.00000	845671.50553	0.16058	0.5000
6214:	65	28	37	64	27	38	845671.66611	845671.50553	0.16058	0.10000	0.00000	845671.50553	0.16058	0.5000
6215:	57	32	26	56	31	25	847820.65420	847820.70386	-0.04965	0.10000	0.00000	847820.70386	-0.04965	0.5000
6216:	57	32	25	56	31	26	847820.65420	847820.70386	-0.04965	0.10000	0.00000	847820.70386	-0.04965	0.5000
6217:	53	34	19	52	33	20	848198.15944	848197.92303	0.23641	0.10000	0.00000	848197.92303	0.23641	0.5000
6218:	53	34	20	52	33	19	848198.15944	848197.92303	0.23641	0.10000	0.00000	848197.92303	0.23641	0.5000
6219:	51	35	17	50	34	16	848306.36418	848306.43948	-0.07530	0.10000	0.00000	848306.43948	-0.07530	0.5000
6220:	51	35	16	50	34	17	848306.36418	848306.43948	-0.07530	0.10000	0.00000	848306.43948	-0.07530	0.5000
6221:	47	37	11	46	36	10	848427.82029	848428.10858	-0.28829	0.10000	0.00000	848428.10858	-0.28829	0.5000
6222:	47	37	10	46	36	11	848427.82029	848428.10858	-0.28829	0.10000	0.00000	848428.10858	-0.28829	0.5000
6223:	43	39	4	42	38	5	848474.20372	848474.10627	0.09745	0.10000	0.00000	848474.10627	0.09745	0.5000
6224:	43	39	5	42	38	4	848474.20372	848474.10627	0.09745	0.10000	0.00000	848474.10627	0.09745	0.5000
6225:	41	40	2	40	39	1	848480.99983	848481.00139	-0.00156	0.10000	0.00000	848481.00139	-0.00156	0.5000
6226:	41	40	1	40	39	2	848480.99983	848481.00139	-0.00156	0.10000	0.00000	848481.00139	-0.00156	0.5000
6227:	66	28	39	65	27	38	852448.33276	852448.24951	0.08325	0.10000	0.00000	852448.24951	0.08325	0.5000

6228:	66	28	38	65	27	39	852448.33276	852448.24951	0.08325	0.10000	0.00000	852448.24951	0.08325	0.5000
6229:	60	31	29	59	30	30	854437.08208	854436.85440	0.22768	0.10000	0.00000	854436.85440	0.22768	0.5000
6230:	60	31	30	59	30	29	854437.08208	854436.85440	0.22768	0.10000	0.00000	854436.85440	0.22768	0.5000
6231:	58	32	27	57	31	26	854773.44033	854773.63712	-0.19679	0.10000	0.00000	854773.63712	-0.19679	0.5000
6232:	58	32	26	57	31	27	854773.44033	854773.63712	-0.19679	0.10000	0.00000	854773.63712	-0.19679	0.5000
6233:	56	33	24	55	32	23	855015.94873	855015.72428	0.12445	0.10000	0.00000	855015.72428	0.12445	0.5000
6234:	56	33	23	55	32	24	855015.94873	855015.72428	0.12445	0.10000	0.00000	855015.72428	0.12445	0.5000
6235:	54	34	20	53	33	21	855187.90765	855187.92216	-0.01452	0.10000	0.00000	855187.92216	-0.01452	0.5000
6236:	54	34	21	53	33	20	855187.90765	855187.92216	-0.01452	0.10000	0.00000	855187.92216	-0.01452	0.5000
6237:	52	35	18	51	34	17	855308.83880	855308.55365	0.28515	0.10000	0.00000	855308.55365	0.28515	0.5000
6238:	52	35	17	51	34	18	855308.83880	855308.55365	0.28515	0.10000	0.00000	855308.55365	0.28515	0.5000
6239:	50	36	15	49	35	14	855391.46899	855391.22876	0.24023	0.10000	0.00000	855391.22876	0.24023	0.5000
6240:	50	36	14	49	35	15	855391.46899	855391.22876	0.24023	0.10000	0.00000	855391.22876	0.24023	0.5000
6241:	48	37	11	47	36	12	855445.93909	855446.08320	-0.14411	0.10000	0.00000	855446.08320	-0.14411	0.5000
6242:	48	37	12	47	36	11	855445.93909	855446.08320	-0.14411	0.10000	0.00000	855446.08320	-0.14411	0.5000
6243:	46	38	9	45	37	8	855480.73299	855480.66308	0.06991	0.10000	0.00000	855480.66308	0.06991	0.5000
6244:	46	38	8	45	37	9	855480.73299	855480.66308	0.06991	0.10000	0.00000	855480.66308	0.06991	0.5000
6245:	44	39	6	43	38	5	855500.54972	855500.56796	-0.01824	0.10000	0.00000	855500.56796	-0.01824	0.5000
6246:	44	39	5	43	38	6	855500.54972	855500.56796	-0.01824	0.10000	0.00000	855500.56796	-0.01824	0.5000
6247:	65	29	36	64	28	37	860156.72419	860156.88709	-0.16290	0.10000	0.00000	860156.88709	-0.16290	0.5000
6248:	65	29	37	64	28	36	860156.72419	860156.88709	-0.16290	0.10000	0.00000	860156.88709	-0.16290	0.5000
6249:	61	31	60	30	30	31	861352.85482	861352.76625	0.08857	0.10000	0.00000	861352.76625	0.08857	0.5000
6250:	61	31	60	30	30	31	861352.85482	861352.76625	0.08857	0.10000	0.00000	861352.76625	0.08857	0.5000
6251:	59	32	28	58	31	27	861718.88436	861718.98095	-0.09659	0.10000	0.00000	861718.98095	-0.09659	0.5000
6252:	59	32	27	58	31	28	861718.88436	861718.98095	-0.09659	0.10000	0.00000	861718.98095	-0.09659	0.5000
6253:	57	33	24	56	32	25	861983.43967	861983.53340	-0.09373	0.10000	0.00000	861983.53340	-0.09373	0.5000
6254:	57	33	25	56	32	24	861983.43967	861983.53340	-0.09373	0.10000	0.00000	861983.53340	-0.09373	0.5000
6255:	53	35	19	52	34	18	862306.79379	862306.52251	0.27128	0.10000	0.00000	862306.52251	0.27128	0.5000
6256:	53	35	18	52	34	19	862306.79379	862306.52251	0.27128	0.10000	0.00000	862306.52251	0.27128	0.5000
6257:	51	36	16	50	35	15	862399.02097	862399.03441	-0.01345	0.10000	0.00000	862399.03441	-0.01345	0.5000
6258:	51	36	15	50	35	16	862399.02097	862399.03441	-0.01345	0.10000	0.00000	862399.03441	-0.01345	0.5000
6259:	49	37	12	48	36	13	862461.36974	862461.24750	0.12224	0.10000	0.00000	862461.24750	0.12224	0.5000
6260:	49	37	13	48	36	12	862461.36974	862461.24750	0.12224	0.10000	0.00000	862461.24750	0.12224	0.5000
6261:	47	38	10	46	37	9	862500.90264	862501.25883	-0.35619	0.10000	0.00000	862501.25883	-0.35619	0.5000
6262:	47	38	9	46	37	10	862500.90264	862501.25883	-0.35619	0.10000	0.00000	862501.25883	-0.35619	0.5000
6263:	45	39	7	44	38	6	862525.03430	862525.09950	-0.06521	0.10000	0.00000	862525.09950	-0.06521	0.5000
6264:	45	39	6	44	38	7	862525.03430	862525.09950	-0.06521	0.10000	0.00000	862525.09950	-0.06521	0.5000
6265:	43	40	3	42	39	4	862537.24778	862537.23682	0.01095	0.10000	0.00000	862537.23682	0.01095	0.5000
6266:	43	40	4	42	39	3	862537.24778	862537.23682	0.01095	0.10000	0.00000	862537.23682	0.01095	0.5000
6267:	41	41	1	40	40	0	862540.38827	862540.94851	-0.56024	0.10000	0.00000	862540.94851	-0.56024	0.5000
6268:	41	41	0	40	40	1	862540.38827	862540.94851	-0.56024	0.10000	0.00000	862540.94851	-0.56024	0.5000
6269:	58	33	26	57	32	25	868945.16629	868944.84350	0.32278	0.10000	0.00000	868944.84350	0.32278	0.5000
6270:	58	33	25	57	32	26	868945.16629	868944.84350	0.32278	0.10000	0.00000	868944.84350	0.32278	0.5000
6271:	54	35	19	53	34	20	869300.42552	869300.11844	0.30708	0.10000	0.00000	869300.11844	0.30708	0.5000
6272:	54	35	20	53	34	19	869300.42552	869300.11844	0.30708	0.10000	0.00000	869300.11844	0.30708	0.5000
6273:	52	36	17	51	35	16	869402.97536	869403.23695	-0.26159	0.10000	0.00000	869403.23695	-0.26159	0.5000
6274:	52	36	16	51	35	17	869402.97536	869403.23695	-0.26159	0.10000	0.00000	869403.23695	-0.26159	0.5000
6275:	50	37	14	49	36	13	869473.46176	869473.43470	0.02706	0.10000	0.00000	869473.43470	0.02706	0.5000
6276:	50	37	13	49	36	14	869473.46176	869473.43470	0.02706	0.10000	0.00000	869473.43470	0.02706	0.5000

6277:	48 38 10 47 37 11	869519.52477	869519.38702	0.13775	0.10000	0.00000	869519.38702	0.13775	0.5000
6278:	48 38 11 47 37 10	869519.52477	869519.38702	0.13775	0.10000	0.00000	869519.38702	0.13775	0.5000
6279:	46 39 8 45 38 7	869547.60280	869547.57781	0.02498	0.10000	0.00000	869547.57781	0.02498	0.5000
6280:	46 39 7 45 38 8	869547.60280	869547.57781	0.02498	0.10000	0.00000	869547.57781	0.02498	0.5000
6281:	44 40 5 43 39 4	869562.49470	869562.83145	-0.33675	0.10000	0.00000	869562.83145	-0.33675	0.5000
6282:	44 40 4 43 39 5	869562.49470	869562.83145	-0.33675	0.10000	0.00000	869562.83145	-0.33675	0.5000
6283:	42 41 1 41 40 2	869568.88156	869568.70875	0.17281	0.10000	0.00000	869568.70875	0.17281	0.5000
6284:	42 41 2 41 40 1	869568.88156	869568.70875	0.17281	0.10000	0.00000	869568.70875	0.17281	0.5000
6285:	53 36 18 52 35 17	876403.70087	876403.63587	0.06500	0.10000	0.00000	876403.63587	0.06500	0.5000
6286:	53 36 17 52 35 18	876403.70087	876403.63587	0.06500	0.10000	0.00000	876403.63587	0.06500	0.5000
6287:	51 37 15 50 36 14	876482.65670	876482.47276	0.18394	0.10000	0.00000	876482.47276	0.18394	0.5000
6288:	51 37 14 50 36 15	876482.65670	876482.47276	0.18394	0.10000	0.00000	876482.47276	0.18394	0.5000
6289:	49 38 11 48 37 12	876535.02795	876534.89970	0.12825	0.10000	0.00000	876534.89970	0.12825	0.5000
6290:	49 38 12 48 37 11	876535.02795	876534.89970	0.12825	0.10000	0.00000	876534.89970	0.12825	0.5000
6291:	47 39 9 46 38 8	876567.96435	876567.87556	0.08880	0.10000	0.00000	876567.87556	0.08880	0.5000
6292:	47 39 8 46 38 9	876567.96435	876567.87556	0.08880	0.10000	0.00000	876567.87556	0.08880	0.5000
6293:	45 40 6 44 39 5	876586.57149	876586.59925	-0.02776	0.10000	0.00000	876586.59925	-0.02776	0.5000
6294:	45 40 5 44 39 6	876586.57149	876586.59925	-0.02776	0.10000	0.00000	876586.59925	-0.02776	0.5000
6295:	43 41 2 42 40 3	876595.25558	876594.92867	0.32691	0.10000	0.00000	876594.92867	0.32691	0.5000
6296:	43 41 3 42 40 2	876595.25558	876594.92867	0.32691	0.10000	0.00000	876594.92867	0.32691	0.5000
6297:	54 36 19 53 35 18	883399.82138	883400.02459	-0.20320	0.10000	0.00000	883400.02459	-0.20320	0.5000
6298:	54 36 18 53 35 19	883399.82138	883400.02459	-0.20320	0.10000	0.00000	883400.02459	-0.20320	0.5000
6299:	50 38 13 49 37 12	883547.54211	883547.64419	-0.10208	0.10000	0.00000	883547.64419	-0.10208	0.5000
6300:	50 38 12 49 37 13	883547.54211	883547.64419	-0.10208	0.10000	0.00000	883547.64419	-0.10208	0.5000
6301:	48 39 9 47 38 10	883585.94321	883585.86114	0.08207	0.10000	0.00000	883585.86114	0.08207	0.5000
6302:	48 39 10 47 38 9	883585.94321	883585.86114	0.08207	0.10000	0.00000	883585.86114	0.08207	0.5000
6303:	46 40 7 45 39 6	883608.47640	883608.42679	0.04961	0.10000	0.00000	883608.42679	0.04961	0.5000
6304:	46 40 6 45 39 7	883608.47640	883608.42679	0.04961	0.10000	0.00000	883608.42679	0.04961	0.5000
6305:	42 42 1 41 41 0	883622.19570	883622.19268	0.00302	0.10000	0.00000	883622.19268	0.00302	0.5000
6306:	42 42 0 41 41 1	883622.19570	883622.19268	0.00302	0.10000	0.00000	883622.19268	0.00302	0.5000
6307:	55 36 19 54 35 20	890391.89253	890392.19033	-0.29780	0.10000	0.00000	890392.19033	-0.29780	0.5000
6308:	55 36 20 54 35 19	890391.89253	890392.19033	-0.29780	0.10000	0.00000	890392.19033	-0.29780	0.5000
6309:	53 37 17 52 36 16	890490.32281	890490.38656	-0.06374	0.10000	0.00000	890490.38656	-0.06374	0.5000
6310:	53 37 16 52 36 17	890490.32281	890490.38656	-0.06374	0.10000	0.00000	890490.38656	-0.06374	0.5000
6311:	51 38 14 50 37 13	890557.43379	890557.46301	-0.02922	0.10000	0.00000	890557.46301	-0.02922	0.5000
6312:	51 38 13 50 37 14	890557.43379	890557.46301	-0.02922	0.10000	0.00000	890557.46301	-0.02922	0.5000
6313:	49 39 10 48 38 11	890601.36455	890601.39865	-0.03410	0.10000	0.00000	890601.39865	-0.03410	0.5000
6314:	49 39 11 48 38 10	890601.36455	890601.39865	-0.03410	0.10000	0.00000	890601.39865	-0.03410	0.5000
6315:	47 40 8 46 39 7	890627.96476	890628.19672	-0.23196	0.10000	0.00000	890628.19672	-0.23196	0.5000
6316:	47 40 7 46 39 8	890627.96476	890628.19672	-0.23196	0.10000	0.00000	890628.19672	-0.23196	0.5000
6317:	45 41 5 44 40 4	890642.40043	890642.35325	0.04718	0.10000	0.00000	890642.35325	0.04718	0.5000
6318:	45 41 4 44 40 5	890642.40043	890642.35325	0.04718	0.10000	0.00000	890642.35325	0.04718	0.5000
6319:	43 42 1 42 41 2	890647.24460	890647.20886	0.03574	0.10000	0.00000	890647.20886	0.03574	0.5000
6320:	43 42 2 42 41 1	890647.24460	890647.20886	0.03574	0.10000	0.00000	890647.20886	0.03574	0.5000
6321:	50 39 12 49 38 11	897614.35214	897614.34784	0.00430	0.10000	0.00000	897614.34784	0.00430	0.5000
6322:	50 39 11 49 38 12	897614.35214	897614.34784	0.00430	0.10000	0.00000	897614.34784	0.00430	0.5000
6323:	48 40 9 47 39 8	897645.92583	897645.78776	0.13807	0.10000	0.00000	897645.78776	0.13807	0.5000
6324:	48 40 8 47 39 9	897645.92583	897645.78776	0.13807	0.10000	0.00000	897645.78776	0.13807	0.5000
6325:	46 41 6 45 40 5	897663.74655	897663.35181	0.39473	0.10000	0.00000	897663.35181	0.39473	0.5000

6326: 46 41 5 45 40 6 897663.74655 897663.35181 0.39473 0.10000 0.00000 897663.35181 0.39473 0.5000
6327: 44 42 3 43 41 2 897670.82272 897670.65362 0.16910 0.10000 0.00000 897670.65362 0.16910 0.5000
6328: 44 42 2 43 41 3 897670.82272 897670.65362 0.16910 0.10000 0.00000 897670.65362 0.16910 0.5000

NORMALIZED DIAGONAL:

1 1.0000E+00 2 9.82688E-01 3 6.55277E-01 4 9.49814E-02 5 1.69521E-01 6 1.36654E-01
7 1.38980E-01 8 3.41260E-01 9 2.94850E-01 10 8.62813E-02 11 4.12320E-01 12 7.44321E-01
13 8.94996E-01 14 9.99738E-01 15 7.75779E-01

MARQUARDT PARAMETER = 0, TRUST EXPANSION = 1.00

NEW PARAMETER EST. ERROR -- CHANGE THIS ITERATION

1 10000 A 10636.193513212 0.000000
2 20000 B 4045.164771 69 0.000000
3 30000 C 2998.740481 53 0.000000
4 200 -DJ -0.8300923146E-03 -0.000000E-03
5 1100 -DJK -3.290403 89E-03 -0.000000E-03
6 2000 -DK -5.333726271E-03 0.000000E-03
7 40100 -dJ -0.2100292 71E-03 -0.000000E-03
8 41000 -dK -2.490677148E-03 -0.000000E-03
9 300 HJ -0.01624137E-09 0.0000E-09
10 1200 HJK -8.4634302E-09 0.000E-09
11 2100 HKJ -0.018562115E-06 -0.000000E-06
12 3000 HK 0.038149128E-06 0.000000E-06
13 40200 hJ 0.01723 70E-09 0.00000E-09
14 41100 hJK -3.3732193E-09 0.000E-09
15 42000 hK -2.278280E-09 0.000E-09

MICROWAVE AVG = -0.000612 MHz, IR AVG = 0.00000
MICROWAVE RMS = 0.112520 MHz, IR RMS = 0.00000

END OF ITERATION 1 OLD, NEW RMS ERROR= 1.19026 1.19026

1 2 0.324937 1 3 0.196411 1 4 -0.100009 1 5 -0.605897 1 6 -0.687177 1 7 -0.141929 1 8 0.105339 1 9 0.021806
1 10 0.008274 1 11 0.281162 1 12 0.353477 1 13 0.075709 1 14 -0.086421 1 15 -0.072040 2 1 0.324937 2 3 0.464772
2 4 -0.820534 2 5 -0.153438 2 6 -0.064512 2 7 -0.702237 2 8 -0.074146 2 9 0.694502 2 10 0.055841 2 11 0.016295
2 12 0.040914 2 13 0.645023 2 14 0.225818 2 15 0.022993 3 1 0.196411 3 2 0.464772 3 4 -0.545222 3 5 -0.212450
3 6 0.054173 3 7 0.189357 3 8 0.081187 3 9 0.280964 3 10 -0.032483 3 11 0.098682 3 12 -0.083475 3 13 -0.115215
3 14 -0.076596 3 15 -0.125474 4 1 -0.100009 4 2 -0.820534 4 3 -0.545222 4 5 -0.085908 4 6 -0.043707 4 7 0.515577
4 8 0.323177 4 9 -0.914260 4 10 -0.117268 4 11 0.107432 4 12 -0.019334 4 13 -0.605068 4 14 -0.427172 4 15 -0.137068
5 1 -0.605897 5 2 -0.153438 5 3 -0.212450 5 4 -0.085908 5 6 0.026641 5 7 -0.015892 5 8 -0.188654 5 9 0.230153
5 10 -0.069333 5 11 -0.382928 5 12 0.198143 5 13 0.141948 5 14 0.189181 5 15 0.162818 6 1 -0.687177 6 2 -0.064512
6 3 0.054173 6 4 -0.043707 6 5 0.026641 6 7 0.070124 6 8 -0.116327 6 9 0.020114 6 10 0.103675 6 11 -0.161228
6 12 -0.714258 6 13 -0.052552 6 14 0.111306 6 15 0.040659 7 1 -0.141929 7 2 -0.702237 7 3 0.189357 7 4 0.515577
7 5 -0.015892 7 6 0.070124 7 8 0.038868 7 9 -0.640594 7 10 -0.074777 7 11 0.066219 7 12 -0.087820 7 13 -0.937378
7 14 -0.297752 7 15 -0.131369 8 1 0.105339 8 2 -0.074146 8 3 0.081187 8 4 0.323177 8 5 -0.188654 8 6 -0.116327
8 7 0.038868 8 9 -0.408948 8 10 -0.547753 8 11 0.496132 8 12 -0.174627 8 13 -0.178044 8 14 -0.873302 8 15 -0.620449
9 1 0.021806 9 2 0.694502 9 3 0.280964 9 4 -0.914260 9 5 0.230153 9 6 0.020114 9 7 -0.640594 9 8 -0.408948
9 10 0.194633 9 11 -0.234857 9 12 0.104320 9 13 0.795482 9 14 0.589648 9 15 0.296858 10 1 0.008274 10 2 0.055841
10 3 -0.032483 10 4 -0.117268 10 5 -0.069333 10 6 0.103675 10 7 -0.074777 10 8 -0.547753 10 9 0.194633 10 11 -0.856437
10 12 0.459603 10 13 0.181051 10 14 0.691061 10 15 0.932719 11 1 0.281162 11 2 0.016295 11 3 0.098682 11 4 0.107432
11 5 -0.382928 11 6 -0.161228 11 7 0.066219 11 8 0.496132 11 9 -0.234857 11 10 -0.856437 11 12 -0.527520 11 13 -0.207536
11 14 -0.662182 11 15 -0.864230 12 1 0.353477 12 2 0.040914 12 3 -0.083475 12 4 -0.019334 12 5 0.198143 12 6 -0.714258
12 7 -0.087820 12 8 -0.174627 12 9 0.104320 12 10 0.459603 12 11 -0.527520 12 13 0.151862 12 14 0.302386 12 15 0.481936
13 1 0.075709 13 2 0.645023 13 3 -0.115215 13 4 -0.605068 13 5 0.141948 13 6 -0.052552 13 7 -0.937378 13 8 -0.178044

13 9 0.795482 13 10 0.181051 13 11 -0.207536 13 12 0.151862 13 14 0.453627 13 15 0.290781 14 1 -0.086421 14 2 0.225818
 14 3 -0.076596 14 4 -0.427172 14 5 0.189181 14 6 0.111306 14 7 -0.297752 14 8 -0.873302 14 9 0.589648 14 10 0.691061
 14 11 -0.662182 14 12 0.302386 14 13 0.453627 14 15 0.736659 15 1 -0.072040 15 2 0.022993 15 3 -0.125474 15 4 -0.137068
 15 5 0.162818 15 6 0.040659 15 7 -0.131369 15 8 -0.620449 15 9 0.296858 15 10 0.932719 15 11 -0.864230 15 12 0.481936
 15 13 0.290781 15 14 0.736659
 Glycolic acid, V₂₁=1 Thu May 18 08:34:12 2023

4 $\nu_{21}=2$ vibrational excited state fit file

Glycolic acid, V₂₁=2 Thu May 18 08:36:58 2023
 LINES REQUESTED= 4799 NUMBER OF PARAMETERS= 15 NUMBER OF ITERATIONS= 5
 MARQUARDT PARAMETER = 0.0000E+00 max OBS-CALC/ERROR =1.0000E+02
 PARAMETERS - A.PRIORI ERROR
 1 1 10000 1.0578249045928E+04 1.000000E+00 A
 2 2 20000 4.0398067301793E+03 1.000000E+00 B
 3 3 30000 3.0028854478892E+03 1.000000E+00 C
 4 4 200 -8.4418415139010E-04 1.000000E+00 -DJ
 5 5 1100 -3.3488162537911E-03 1.000000E+00 -DJK
 6 6 2000 -5.1440043883059E-03 1.000000E+00 -DK
 7 7 40100 -2.0963047717080E-04 1.000000E+00 -dJ
 8 8 41000 -2.3581206270322E-03 1.000000E+00 -dK
 9 9 300 -5.5584729094971E-12 1.000000E+00 HJ
 10 10 1200 -9.9825364146080E-09 1.000000E+00 HJK
 11 11 2100 -1.6145709900306E-08 1.000000E+00 HKJ
 12 12 3000 3.6949845823885E-08 1.000000E+00 HK
 13 13 40200 2.2336923571629E-11 1.000000E+00 hJ
 14 14 41100 -3.6179400350857E-09 1.000000E+00 hJK
 15 15 42000 -1.2480215506346E-08 1.000000E+00 hK
 15 parameters read, 15 independent parameters
 ENERGY SORT OF WANG SUB-BLOCKS
 PROLATE ROTOR
 V KMIN KMAX WTPL WTMN ESYNWT NSYM SPINS
 0 0 105 1 1 99 2
 BLOCK - WT - SYM - V - TSP - N - other quanta rel. to F=0
 1 1 x 0 0
 2 1 c 0 0
 3 1 b 0 0
 4 1 a 0 0
 Maximum Dimension for Hamiltonian = 53
 EXP.FREQ. - CALC.FREQ. - DIFF. - EXP.ERR.- EST.ERR.-AVG. CALC.FREQ. - DIFF. - WT.
 1: 6 2 4 6 1 5 18055.96600 18055.98196 -0.01596 0.04000 0.00000
 2: 3 1 3 2 1 2 19505.00700 19505.01344 -0.00644 0.04000 0.00000
 3: 7 2 5 7 1 6 19627.27100 19627.31324 -0.04224 0.04000 0.00000

4:	30	8	22	30	8	23	19745.30600	19745.32336	-0.01736	0.04000	0.00000
5:	19	5	14	19	5	15	20722.82200	20722.84448	-0.02248	0.04000	0.00000
6:	3	2	2	2	1		21127.97100	21127.90498	0.06602	0.04000	0.00000
7:	3	2	1	2	2	0	21574.22300	21574.31005	-0.08705	0.04000	0.00000
8:	9	2	7	9	2	8	21912.93900	21912.94247	-0.00347	0.04000	0.00000
9:	8	2	6	8	1	7	22409.08200	22409.12384	-0.04184	0.04000	0.00000
10:	3	1	2	2	1	1	22607.86100	22607.83993	0.02107	0.04000	0.00000
11:	23	6	17	23	6	18	23339.35100	23339.39357	-0.04257	0.04000	0.00000
12:	16	4	12	16	4	13	24701.01600	24701.03685	-0.02085	0.04000	0.00000
13:	3	1	3	2	0	2	25120.38600	25120.33917	0.04683	0.04000	0.00000
14:	27	7	20	27	7	21	25672.79900	25672.81421	-0.01521	0.04000	0.00000
15:	4	1	4	3	1	3	25890.88200	25890.87209	0.00991	0.04000	0.00000
16:	9	2	7	9	1	8	26467.29900	26467.31853	-0.01953	0.04000	0.00000
17:	10	3	7	10	2	8	26757.81500	26757.84059	-0.02559	0.04000	0.00000
18:	4	0	4	3	0	3	27106.48300	27106.47358	0.00942	0.04000	0.00000
19:	13	3	10	13	3	11	27595.38500	27595.41039	-0.02539	0.04000	0.00000
20:	31	8	23	31	8	24	27750.90700	27750.93619	-0.02919	0.04000	0.00000
21:	11	3	8	11	2	9	27996.02000	27996.01613	0.00387	0.04000	0.00000
22:	4	2	3	3	2	2	28081.67400	28081.67740	-0.00340	0.04000	0.00000
23:	20	5	15	20	5	16	28398.27100	28398.29759	-0.02659	0.04000	0.00000
24:	4	3	1	3	3	0	28422.93700	28423.00128	-0.06428	0.04000	0.00000
25:	4	2	2	3	2	1	29145.32100	29145.30626	0.01474	0.04000	0.00000
26:	5	2	4	5	1	5	29301.81300	29301.77408	0.03892	0.04000	0.00000
27:	7	3	4	7	2	5	29378.71800	29378.69944	0.01856	0.04000	0.00000
28:	35	9	26	35	9	27	29595.42100	29595.44288	-0.02188	0.04000	0.00000
29:	4	1	3	3	1	2	29991.64500	29991.60602	0.03898	0.04000	0.00000
30:	12	3	9	12	2	10	30645.33800	30645.37869	-0.04069	0.04000	0.00000
31:	6	3	3	6	2	4	31205.13900	31205.14674	-0.00774	0.04000	0.00000
32:	39	10	29	39	10	30	31223.96200	31223.99258	-0.03058	0.04000	0.00000
33:	10	2	8	10	1	9	31721.07400	31721.13855	-0.06455	0.04000	0.00000
34:	5	1	5	4	1	4	32198.23000	32198.15746	0.07254	0.04000	0.00000
35:	5	3	2	5	2	3	32856.32000	32856.29258	0.02742	0.04000	0.00000
36:	5	0	5	4	0	4	33260.02000	33259.90663	0.11337	0.04000	0.00000
37:	28	7	21	28	7	22	34682.66600	34682.74312	-0.07712	0.04000	0.00000
38:	13	3	10	13	2	11	34754.68900	34754.71190	-0.02290	0.04000	0.00000
39:	5	2	4	4	2	3	34960.37100	34960.30303	0.06797	0.04000	0.00000
40:	14	4	10	14	3	11	35143.23700	35143.18352	0.05348	0.04000	0.00000
41:	14	3	11	14	3	12	35381.09900	35381.10400	-0.00500	0.04000	0.00000
42:	5	3	3	4	3	2	35528.20200	35528.17471	0.02729	0.04000	0.00000
43:	5	3	2	4	3	1	35689.22200	35689.21323	0.00877	0.04000	0.00000
44:	15	4	11	15	3	12	36028.81300	36028.83191	-0.01891	0.04000	0.00000
45:	5	2	3	4	2	2	36909.85000	36909.85234	-0.00234	0.04000	0.00000
46:	6	0	6	5	1	5	37073.43200	37073.37076	0.06124	0.04000	0.00000
47:	5	1	4	4	1	3	37221.51000	37221.44527	0.06473	0.04000	0.00000
48:	10	4	7	9	3	6	115555.28781	115555.27271	0.01510	0.05000	0.00000
49:	17	3	15	16	3	14	116018.06654	116018.06394	0.00260	0.05000	0.00000
50:	20	9	12	20	8	13	116761.88670	116761.85119	0.03551	0.05000	0.00000
51:	17	2	15	16	2	14	116787.09940	116787.03592	0.06348	0.05000	0.00000
52:	19	0	19	18	0	18	116903.17030	116903.34443	-0.17413	0.05000	0.00000
										116903.16924	0.00106 0.5000

53:	19	1	19	18	1	18	116903.17030	116902.99405	0.17625	0.05000	0.00000	116903.16924	0.00106	0.5000
54:	22	1	21	22	0	22	117061.23224	117061.29113	-0.05889	0.05000	0.00000			
55:	22	2	21	22	1	22	117063.98999	117063.96223	0.02776	0.05000	0.00000			
56:	43	12	31	43	11	32	117065.41206	117065.41595	-0.00389	0.05000	0.00000			
57:	55	13	42	55	12	43	117083.87105	117083.91917	-0.04812	0.05000	0.00000			
58:	35	10	26	35	9	27	120970.18842	120970.18133	0.00709	0.05000	0.00000			
59:	17	10	8	16	10	7	120971.20961	120971.18373	0.02588	0.05000	0.00000			
60:	17	9	8	16	9	7	121202.84829	121202.92379	-0.07550	0.05000	0.00000	121202.87064	-0.02235	0.5000
61:	17	9	9	16	9	8	121202.84829	121202.81748	0.03081	0.05000	0.00000	121202.87064	-0.02235	0.5000
62:	53	14	39	53	13	40	121528.36057	121528.41227	-0.05170	0.05000	0.00000			
63:	17	8	10	16	8	9	121531.20400	121531.21100	-0.00700	0.05000	0.00000			
64:	17	8	9	16	8	8	121533.99434	121534.04594	-0.05160	0.05000	0.00000			
65:	36	10	27	36	9	28	121654.17633	121654.13686	0.03947	0.05000	0.00000			
66:	32	10	23	32	9	24	121776.56067	121776.55748	0.00319	0.05000	0.00000			
67:	17	7	11	16	7	10	122007.21238	122007.21007	0.00231	0.05000	0.00000			
68:	29	10	19	29	9	20	122832.48487	122832.47295	0.01192	0.05000	0.00000			
69:	37	11	26	36	12	25	122891.45015	122891.42713	0.02302	0.05000	0.00000			
70:	20	1	20	19	1	19	122906.52744	122906.41292	0.11452	0.05000	0.00000			
71:	20	0	20	19	0	19	122906.52744	122906.58880	-0.06136	0.05000	0.00000	122906.50086	0.02658	0.5000
72:	37	10	28	37	9	29	122959.84520	122959.88123	-0.03603	0.05000	0.00000	122906.50086	0.02658	0.5000
73:	27	7	20	26	8	19	123059.39078	123059.39801	-0.00723	0.05000	0.00000			
74:	59	14	45	59	13	46	123144.93565	123144.95743	-0.02178	0.05000	0.00000			
75:	17	6	11	16	6	10	123185.24829	123185.25166	-0.00337	0.05000	0.00000			
76:	27	10	18	27	9	19	126847.46101	126847.42374	0.03727	0.05000	0.00000			
77:	18	4	15	17	4	14	126937.24471	126937.27840	-0.03369	0.05000	0.00000			
78:	14	10	5	14	9	6	133271.97660	133271.92128	0.05532	0.05000	0.00000			
79:	19	4	16	18	4	15	133303.58219	133303.54299	0.03920	0.05000	0.00000			
80:	10	10	0	10	9	1	133646.71981	133646.73152	-0.01171	0.05000	0.00000			
81:	38	11	27	37	12	26	133683.55500	133683.47781	0.07719	0.05000	0.00000			
82:	25	1	24	25	0	25	133926.27245	133926.23986	0.03259	0.05000	0.00000			
83:	20	2	18	19	3	17	133964.65655	133964.64418	0.01237	0.05000	0.00000			
84:	35	11	25	35	10	26	134062.95484	134062.93020	0.02464	0.05000	0.00000			
85:	20	3	18	19	3	17	134200.59076	134200.56344	0.02732	0.05000	0.00000			
86:	20	2	18	19	2	17	134376.43559	134376.40626	0.02933	0.05000	0.00000			
87:	19	18	1	18	18	0	134509.92517	134509.86545	0.05972	0.05000	0.00000			
88:	21	2	20	20	2	19	134537.35127	134537.33891	0.01236	0.05000	0.00000			
89:	21	1	20	20	1	19	134542.06526	134542.02333	0.04193	0.05000	0.00000			
90:	19	17	2	18	17	1	134564.20158	134564.17340	0.02818	0.05000	0.00000			
91:	19	16	3	18	16	2	134627.79242	134627.78050	0.01192	0.05000	0.00000			
92:	19	15	4	18	15	3	134703.37874	134703.37030	0.00844	0.05000	0.00000			
93:	19	14	5	18	14	4	134794.65743	134794.64644	0.01099	0.05000	0.00000			
94:	35	6	29	35	5	30	134820.98854	134821.01029	-0.02175	0.05000	0.00000			
95:	19	13	6	18	13	5	134906.84920	134906.84570	0.00350	0.05000	0.00000			
96:	22	0	22	21	0	21	134912.72843	134912.72098	0.00745	0.05000	0.00000			
97:	40	12	28	40	11	29	135006.86779	135006.94527	-0.07748	0.05000	0.00000			
98:	19	12	7	18	12	6	135047.59037	135047.58960	0.00077	0.05000	0.00000			
99:	19	11	8	18	11	7	135228.40170	135228.37009	0.03161	0.05000	0.00000			
100:	34	11	24	34	10	25	135237.49671	135237.51012	-0.01341	0.05000	0.00000			
101:	42	11	32	42	10	33	135253.82858	135253.78653	0.04205	0.05000	0.00000			

102:	19	10	9	18	10	8	135467.32443	135467.32508	-0.00065	0.05000	0.00000		
103:	19	3	16	18	3	15	135618.24234	135618.23082	0.01152	0.05000	0.00000		
104:	18	4	14	17	4	13	135638.26880	135638.19928	0.06952	0.05000	0.00000		
105:	19	9	11	18	9	10	135794.40856	135794.38472	0.02384	0.05000	0.00000		
106:	19	9	10	18	9	9	135795.25074	135795.18582	0.06492	0.05000	0.00000		
107:	19	8	12	18	8	11	136258.53155	136258.52812	0.00343	0.05000	0.00000		
108:	19	8	11	18	8	10	136274.42016	136274.41375	0.00641	0.05000	0.00000		
109:	35	7	29	35	6	30	136436.77477	136436.75100	0.02377	0.05000	0.00000		
110:	32	11	21	32	10	22	136455.54883	136455.50241	0.04642	0.05000	0.00000		
111:	20	3	17	19	4	16	136629.87025	136629.83924	0.03101	0.05000	0.00000		
112:	33	5	28	33	4	29	136765.13206	136765.16921	-0.03715	0.05000	0.00000		
113:	29	3	26	29	2	27	136848.23631	136848.23920	-0.00289	0.05000	0.00000		
114:	29	4	26	29	3	27	136870.33215	136870.34882	-0.01667	0.05000	0.00000		
115:	19	7	13	18	7	12	136893.44354	136893.44949	-0.00595	0.05000	0.00000		
116:	31	5	27	31	4	28	137392.75805	137392.74206	0.01599	0.05000	0.00000		
117:	19	6	14	18	6	13	137403.13150	137403.11251	0.01899	0.05000	0.00000		
118:	57	13	44	57	12	45	137473.90716	137473.86960	0.03756	0.05000	0.00000		
119:	31	11	21	31	10	22	138879.54966	138879.49633	0.05333	0.05000	0.00000		
120:	19	6	13	18	6	12	139183.27410	139183.26341	0.01069	0.05000	0.00000		
121:	26	2	25	26	1	26	139543.42068	139543.52415	-0.10347	0.05000	0.00000	139543.43000	-0.00932 0.5000
122:	26	1	25	26	0	26	139543.42068	139543.33586	0.08482	0.05000	0.00000	139543.43000	-0.00932 0.5000
123:	20	4	17	19	4	16	139564.69425	139564.70561	-0.01136	0.05000	0.00000		
124:	30	11	19	30	10	20	139599.87093	139599.90704	-0.03611	0.05000	0.00000		
125:	41	8	33	41	7	34	139880.79902	139880.79804	0.00098	0.05000	0.00000		
126:	30	11	20	30	10	21	139985.51905	139985.59213	-0.07308	0.05000	0.00000		
127:	74	18	56	74	17	57	140597.23267	140597.09166	0.14101	0.05000	0.00000		
128:	29	11	18	29	10	19	140796.73817	140796.71500	0.02317	0.05000	0.00000		
129:	44	13	31	44	12	32	145593.78176	145593.79914	-0.01738	0.05000	0.00000		
130:	22	11	11	22	10	12	145629.29206	145629.29666	-0.00460	0.05000	0.00000		
131:	22	11	12	22	10	13	145630.25501	145630.17451	0.08050	0.05000	0.00000		
132:	41	9	33	41	8	34	145673.58299	145673.57360	0.00939	0.05000	0.00000		
133:	48	15	33	47	16	32	145682.14000	145682.19476	-0.05476	0.05000	0.00000		
134:	37	12	25	37	11	26	145719.03219	145719.02141	0.01078	0.05000	0.00000		
135:	21	4	18	20	4	17	145740.48550	145740.45913	0.02637	0.05000	0.00000		
136:	20	11	9	20	10	10	146333.59692	146333.41473	0.18219	0.05000	0.00000	146333.47570	0.12122 0.5000
137:	20	11	10	20	10	11	146333.59692	146333.53668	0.06024	0.05000	0.00000	146333.47570	0.12122 0.5000
138:	34	13	22	34	12	23	168409.24553	168409.26574	-0.02021	0.05000	0.00000		
139:	13	6	8	12	5	7	168654.85696	168654.74232	0.11464	0.05000	0.00000		
140:	23	7	16	22	7	15	168832.04805	168832.02849	0.01956	0.05000	0.00000		
141:	45	8	37	45	7	38	168932.57573	168932.54604	0.02969	0.05000	0.00000		
142:	46	14	33	46	13	34	169098.26828	169098.33859	-0.07031	0.05000	0.00000		
143:	9	8	2	8	7	1	169274.16984	169274.10675	0.06309	0.05000	0.00000		
144:	33	13	20	33	12	21	169282.58656	169282.54849	0.03807	0.05000	0.00000		
145:	11	7	4	10	6	5	169296.55346	169296.47119	0.08227	0.05000	0.00000		
146:	33	13	21	33	12	22	169303.31059	169303.30756	0.00303	0.05000	0.00000		
147:	24	5	20	23	5	19	169324.09103	169324.07688	0.01415	0.05000	0.00000		
148:	33	2	31	33	1	32	169546.15471	169546.07669	0.07802	0.05000	0.00000		
149:	22	5	18	21	4	17	169607.46291	169607.59258	-0.12967	0.05000	0.00000		
150:	25	3	22	24	4	21	169725.97246	169725.93473	0.03773	0.05000	0.00000		

151:	24	23	1	23	23	0	169840.99066	169840.94657	0.04409	0.05000	0.00000	
152:	25	4	22	24	4	21	169953.86393	169953.85285	0.01108	0.05000	0.00000	
153:	24	21	3	23	21	2	169956.98528	169956.99925	-0.011397	0.05000	0.00000	
154:	45	9	37	45	8	38	169957.99768	169958.00915	-0.01147	0.05000	0.00000	
155:	24	20	4	23	20	3	170026.14746	170026.13944	0.00802	0.05000	0.00000	
156:	24	19	5	23	19	4	170104.97346	170104.96808	0.00538	0.05000	0.00000	
157:	32	13	20	32	12	21	170109.47703	170109.54069	-0.06366	0.05000	0.00000	
158:	25	3	22	24	3	21	170118.84616	170118.84067	0.00549	0.05000	0.00000	
159:	24	18	6	23	18	5	170195.81967	170195.82012	-0.00045	0.05000	0.00000	
160:	26	3	24	25	3	23	170202.94300	170202.94834	-0.00534	0.05000	0.00000	
161:	26	2	24	25	2	23	170208.58010	170208.57989	0.00021	0.05000	0.00000	
162:	24	17	7	23	17	6	170301.78109	170301.75847	0.02262	0.05000	0.00000	
163:	24	16	8	23	16	7	170426.84832	170426.87024	-0.02192	0.05000	0.00000	
164:	56	14	43	56	13	44	170497.39855	170497.33988	0.05867	0.05000	0.00000	
165:	27	2	26	26	2	25	170539.85880	170539.79948	0.05932	0.05000	0.00000	170539.84632
166:	27	1	26	26	1	25	170539.85880	170539.89316	-0.03436	0.05000	0.00000	170539.84632
167:	24	15	9	23	15	8	170576.67736	170576.71873	-0.04137	0.05000	0.00000	
168:	24	14	10	23	14	9	170759.06465	170759.05635	0.00830	0.05000	0.00000	
169:	45	14	32	45	13	33	170769.75227	170769.76200	-0.00973	0.05000	0.00000	
170:	44	14	30	44	13	31	170826.27167	170826.24101	0.03066	0.05000	0.00000	
171:	31	13	18	31	12	19	170830.09039	170830.10051	-0.01012	0.05000	0.00000	
172:	31	13	19	31	12	20	170834.87813	170834.87186	0.00627	0.05000	0.00000	
173:	57	16	41	57	15	42	170890.94427	170890.97805	-0.03378	0.05000	0.00000	
174:	28	0	28	27	0	27	170926.22884	170926.22456	0.00428	0.05000	0.00000	
175:	24	13	11	23	13	10	170984.99397	170984.99735	-0.00338	0.05000	0.00000	
176:	35	4	32	35	3	33	171033.43088	171033.37379	0.05709	0.05000	0.00000	
177:	43	7	36	43	6	37	171157.42513	171157.45747	-0.03234	0.05000	0.00000	
178:	24	12	13	23	12	12	171271.05797	171271.04789	0.01008	0.05000	0.00000	
179:	24	4	20	23	4	19	171455.55501	171455.51695	0.03806	0.05000	0.00000	
180:	43	8	36	43	7	37	171461.51683	171461.49966	0.01717	0.05000	0.00000	
181:	30	13	17	30	12	18	171483.96266	171483.88915	0.07351	0.05000	0.00000	
182:	30	13	18	30	12	19	171486.10473	171486.07152	0.03321	0.05000	0.00000	
183:	51	15	36	51	14	37	171641.44266	171641.44665	-0.00399	0.05000	0.00000	
184:	24	11	14	23	11	13	171642.92701	171642.82814	0.09887	0.05000	0.00000	171642.90656
185:	24	11	13	23	11	12	171642.92701	171642.98498	-0.05797	0.05000	0.00000	0.02045 0.5000
186:	50	11	40	50	10	41	171806.53664	171806.58361	-0.04697	0.05000	0.00000	0.02045 0.5000
187:	37	4	33	37	3	34	172020.74073	172020.78741	-0.04668	0.05000	0.00000	
188:	37	5	33	37	4	34	172024.37484	172024.33216	0.04268	0.05000	0.00000	
189:	29	13	16	29	12	17	172068.59521	172068.58088	0.01433	0.05000	0.00000	
190:	29	13	17	29	12	18	172069.54546	172069.54587	-0.00041	0.05000	0.00000	
191:	24	10	15	23	10	14	172141.66954	172141.66183	-0.00229	0.05000	0.00000	
192:	24	10	14	23	10	13	172144.77325	172144.76801	0.00524	0.05000	0.00000	
193:	48	9	39	48	8	40	172150.39685	172150.39702	-0.00017	0.05000	0.00000	
194:	41	6	35	41	5	36	172216.75697	172216.79919	-0.04222	0.05000	0.00000	
195:	41	7	35	41	6	36	172296.39191	172296.38216	0.00975	0.05000	0.00000	
196:	28	3	25	27	3	24	187960.34108	187960.36421	-0.02313	0.05000	0.00000	
197:	38	3	35	38	2	36	188020.73194	188020.67809	0.05385	0.05000	0.00000	
198:	26	9	17	25	9	16	188062.92877	188062.90785	0.02092	0.05000	0.00000	
199:	27	4	23	26	4	22	188331.53862	188331.51570	0.02292	0.05000	0.00000	

200:	45	15	30	45	14	31	188359.16887	188359.17055	-0.00168	0.05000	0.00000
201:	25	14	11	25	13	12	188360.11565	188360.14248	-0.02683	0.05000	0.00000
202:	24	14	10	24	13	11	188616.12062	188616.07968	0.04094	0.05000	0.00000
203:	45	15	31	45	14	32	188705.31859	188705.31264	0.00595	0.05000	0.00000
204:	26	7	20	25	7	19	188776.21841	188776.23474	-0.01633	0.05000	0.00000
205:	26	8	19	25	8	18	188804.95682	188804.94685	0.00997	0.05000	0.00000
206:	60	14	47	60	13	48	188822.69673	188822.73328	-0.03655	0.05000	0.00000
207:	23	14	9	23	13	10	188842.02917	188842.02067	0.00850	0.05000	0.00000
208:	40	4	36	40	3	37	189175.70474	189175.75495	-0.05021	0.05000	0.00000
209:	40	5	36	40	4	37	189176.36983	189176.33179	0.03804	0.05000	0.00000
210:	53	11	43	53	10	44	190626.01107	190625.99519	0.01588	0.05000	0.00000
211:	26	5	21	25	5	20	191011.44273	191011.46541	-0.02268	0.05000	0.00000
212:	27	26	1	26	26	0	191021.82865	191021.86972	-0.04107	0.05000	0.00000
213:	27	25	2	26	25	1	191077.93600	191077.88765	0.04835	0.05000	0.00000
214:	54	16	39	54	15	40	191123.16327	191123.11900	0.04427	0.05000	0.00000
215:	27	24	3	26	24	2	191139.31031	191139.30587	0.00444	0.05000	0.00000
216:	27	23	4	26	23	3	191207.13308	191207.16881	-0.03573	0.05000	0.00000
217:	27	22	5	26	22	4	191282.76545	191282.76755	-0.00210	0.05000	0.00000
218:	27	21	6	26	21	5	191367.74454	191367.71411	0.03043	0.05000	0.00000
219:	43	15	28	43	14	29	191375.66324	191375.69716	-0.03392	0.05000	0.00000
220:	56	11	45	56	10	46	191391.83572	191391.92218	-0.08646	0.05000	0.00000
221:	27	20	7	26	20	6	191464.04148	191464.04350	-0.00202	0.05000	0.00000
222:	27	19	8	26	19	7	191574.36000	191574.35669	0.00331	0.05000	0.00000
223:	17	6	12	16	5	11	191606.29179	191606.29943	-0.00764	0.05000	0.00000
224:	27	18	9	26	18	8	191702.00473	191702.02462	-0.01989	0.05000	0.00000
225:	27	17	10	26	17	9	191851.48051	191851.48632	-0.00581	0.05000	0.00000
226:	27	16	11	26	16	10	192028.66974	192028.69615	-0.02641	0.05000	0.00000
227:	37	3	35	37	2	36	192048.82419	192048.81654	0.00765	0.05000	0.00000
228:	27	15	12	26	15	11	192241.76104	192241.81700	-0.05596	0.05000	0.00000
229:	51	9	42	51	8	43	192416.19535	192416.20772	-0.01237	0.05000	0.00000
230:	27	14	13	26	14	12	192502.31763	192502.33821	-0.02058	0.05000	0.00000
231:	63	15	49	63	14	50	192748.58954	192748.55504	0.03450	0.05000	0.00000
232:	27	6	22	26	6	21	192818.27223	192818.28063	-0.00840	0.05000	0.00000
233:	27	13	15	26	13	14	192826.94100	192826.96803	-0.02703	0.05000	0.00000
234:	59	17	42	59	16	43	192897.20432	192897.22262	-0.01830	0.05000	0.00000
235:	51	10	42	51	9	43	192916.17027	192916.14300	0.02727	0.05000	0.00000
236:	53	16	38	53	15	39	193065.22816	193065.24652	-0.01836	0.05000	0.00000
237:	28	4	24	27	5	23	193143.80164	193143.81787	-0.01623	0.05000	0.00000
238:	52	16	36	52	15	37	193210.14488	193210.18973	-0.04485	0.05000	0.00000
239:	27	12	15	26	12	14	193241.08061	193241.13184	-0.05123	0.05000	0.00000
240:	27	12	16	26	12	15	193241.08061	193241.02495	0.05566	0.05000	0.00000
241:	39	3	36	39	2	37	193673.13673	193673.15705	-0.02032	0.05000	0.00000
242:	28	5	24	27	5	23	193734.08926	193734.07832	0.01094	0.05000	0.00000
243:	56	12	45	56	11	46	194245.57553	194245.59499	-0.01946	0.05000	0.00000
244:	49	8	41	49	7	42	194409.73892	194409.66861	0.07031	0.05000	0.00000
245:	27	10	18	26	10	17	194517.51412	194517.49659	0.01753	0.05000	0.00000
246:	31	1	30	30	1	29	194539.07909	194539.10040	-0.02131	0.05000	0.00000
247:	27	10	17	26	10	16	194546.72117	194546.73820	-0.01703	0.05000	0.00000
248:	49	9	41	49	8	42	194555.14728	194555.10626	0.04102	0.05000	0.00000

249:	61	14	48	61	13	49	194655.22580	194655.21896	0.00684	0.05000	0.00000	
250:	26	7	19	25	7	18	194700.68706	194700.70424	-0.01718	0.05000	0.00000	
251:	28	5	24	27	4	23	194716.15617	194716.13149	0.02468	0.05000	0.00000	
252:	75	20	55	75	19	56	194742.27637	194742.24437	0.03200	0.05000	0.00000	
253:	40	15	25	40	14	26	194852.11098	194852.11389	-0.00291	0.05000	0.00000	
254:	40	15	26	40	14	27	194867.91456	194867.92423	-0.00967	0.05000	0.00000	
255:	41	4	37	41	3	38	194875.48564	194875.29765	0.18799	0.05000	0.00000	194875.45347
256:	41	5	37	41	4	38	194875.48564	194875.60929	-0.12365	0.05000	0.00000	194875.45347
257:	32	0	32	31	0	31	194929.87944	194929.87096	0.00848	0.05000	0.00000	
258:	62	17	46	62	16	47	194942.90549	194942.95532	-0.04983	0.05000	0.00000	
259:	52	16	37	52	15	38	194990.23982	194990.25271	-0.01289	0.05000	0.00000	
260:	18	6	13	17	5	12	195450.46017	195450.43970	0.02047	0.05000	0.00000	
261:	27	9	19	26	9	18	195472.62713	195472.64416	-0.01703	0.05000	0.00000	
262:	47	7	40	47	6	41	195480.05383	195480.02653	0.02730	0.05000	0.00000	
263:	47	8	40	47	7	41	195517.99393	195518.00363	-0.00970	0.05000	0.00000	
264:	43	6	38	43	5	39	195617.66958	195617.62991	0.03967	0.05000	0.00000	
265:	36	1	35	36	0	36	195637.52793	195637.53016	-0.00223	0.05000	0.00000	
266:	51	16	35	51	15	36	195774.10530	195774.11763	-0.01233	0.05000	0.00000	
267:	27	9	18	26	9	17	195784.46480	195784.52280	-0.05800	0.05000	0.00000	
268:	39	15	24	39	14	25	195802.49952	195802.52431	-0.02479	0.05000	0.00000	
269:	39	15	25	39	14	26	195810.48141	195810.49316	-0.01175	0.05000	0.00000	
270:	45	6	39	45	5	40	195842.33035	195842.35581	-0.02546	0.05000	0.00000	
271:	45	7	39	45	6	40	195851.17412	195851.17341	0.00071	0.05000	0.00000	
272:	27	7	21	26	7	20	195855.55494	195855.54837	0.00657	0.05000	0.00000	
273:	54	10	44	54	9	45	195994.91271	195994.96470	-0.05199	0.05000	0.00000	
274:	27	8	20	26	8	19	196325.86337	196325.87792	-0.01455	0.05000	0.00000	
275:	27	5	22	26	5	21	196422.28277	196422.26479	0.01798	0.05000	0.00000	
276:	67	17	51	67	16	52	196438.14838	196438.14638	0.00200	0.05000	0.00000	
277:	38	15	23	38	14	24	196667.40062	196667.42714	-0.02652	0.05000	0.00000	
278:	38	15	24	38	14	25	196671.32427	196671.34759	-0.02332	0.05000	0.00000	
279:	26	6	20	25	6	19	196778.15611	196778.17300	-0.01689	0.05000	0.00000	
280:	51	16	36	51	15	37	196855.51576	196855.55139	-0.03563	0.05000	0.00000	
281:	54	11	44	54	10	45	196981.81441	196981.81503	-0.00062	0.05000	0.00000	
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284:	58	17	41	58	16	42	197374.85068	197374.90798	-0.05730	0.05000	0.00000	
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289:	38	2	36	38	1	37	197668.68669	197668.67136	0.01533	0.05000	0.00000	
290:	64	18	46	64	17	47	197930.63560	197930.66197	-0.02637	0.05000	0.00000	
291:	50	16	34	50	15	35	197989.77215	197989.72742	0.04473	0.05000	0.00000	
292:	60	17	44	60	16	45	198050.45911	198050.42555	0.03356	0.05000	0.00000	
293:	28	27	1	27	27	0	198078.72951	198078.80914	-0.07963	0.05000	0.00000	
294:	28	26	2	27	26	1	198135.40268	198135.35751	0.04517	0.05000	0.00000	
295:	28	25	3	27	25	2	198197.02492	198197.01399	0.01093	0.05000	0.00000	
296:	28	24	4	27	24	3	198264.76717	198264.73095	0.03622	0.05000	0.00000	
297:	28	23	5	27	23	4	198339.67656	198339.67551	0.00105	0.05000	0.00000	

298:	28	22	6	27	22	5	198423.19240	198423.29115	-0.09875	0.05000	0.00000	
299:	27	8	19	26	8	18	198516.64246	198516.67313	-0.03067	0.05000	0.00000	
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308:	52	10	43	52	9	44	199148.01412	199147.95540	0.05872	0.05000	0.00000	
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314:	29	5	25	28	5	24	199736.88637	199736.85726	0.02911	0.05000	0.00000	
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319:	76	17	59	76	16	60	199968.23153	199968.22432	0.00721	0.05000	0.00000	
320:	59	17	43	59	16	44	199969.51253	199969.54329	-0.03076	0.05000	0.00000	
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327:	32	15	17	32	14	18	200446.75115	200446.77243	-0.02128	0.05000	0.00000	
328:	32	1	31	31	1	30	200538.38335	200538.40125	-0.01790	0.05000	0.00000	
329:	50	8	42	50	7	43	200549.91498	200549.89732	0.01766	0.05000	0.00000	
330:	42	5	38	42	4	39	200567.12364	200567.19467	-0.07103	0.05000	0.00000	0.01275 0.5000
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334:	50	9	42	50	8	43	200637.00180	200636.99870	0.00310	0.05000	0.00000	0.01238 0.5000
335:	57	12	46	57	11	47	200668.93107	200668.96385	-0.03278	0.05000	0.00000	
336:	60	12	48	60	11	49	200673.07319	200673.08809	-0.01490	0.05000	0.00000	
337:	62	14	49	62	13	50	200794.82781	200794.83450	-0.00669	0.05000	0.00000	
338:	31	15	16	31	14	17	200889.71688	200889.70336	0.01352	0.05000	0.00000	
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345:	23	6	18	22	5	17	201256.47730	201256.49143	-0.01413	0.05000	0.00000	
346:	24	6	19	23	5	18	201257.96627	201258.03034	-0.04407	0.05000	0.00000	

347:	22	6	17	21	5	16	201263.31749	201263.29764	0.01985	0.05000	0.00000
348:	30	15	15	30	14	16	201290.00327	201290.02106	-0.01779	0.05000	0.00000
349:	63	13	50	63	12	51	201339.79497	201339.82003	-0.02506	0.05000	0.00000
350:	44	5	39	44	4	40	201369.92705	201369.91652	0.01053	0.05000	0.00000
351:	44	6	39	44	5	40	201370.96016	201370.90624	0.05392	0.05000	0.00000
352:	48	7	41	48	6	42	201442.28654	201442.29896	-0.01242	0.05000	0.00000
353:	48	8	41	48	7	42	201464.39858	201464.41837	-0.01979	0.05000	0.00000
354:	29	15	14	29	14	15	201651.04894	201651.02331	0.02563	0.05000	0.00000
355:	48	16	32	48	15	33	201655.63204	201655.63036	0.00168	0.05000	0.00000
356:	46	6	40	46	5	41	201683.09809	201683.16306	-0.06497	0.05000	0.00000
357:	46	7	40	46	6	41	201688.25902	201688.16231	0.09671	0.05000	0.00000
358:	51	14	37	50	15	36	201766.38701	201766.36568	0.02133	0.05000	0.00000
359:	28	5	23	27	5	22	201786.86378	201786.83226	0.03152	0.05000	0.00000
360:	48	16	33	48	15	34	201870.17717	201870.16110	0.01607	0.05000	0.00000
361:	32	7	25	31	8	24	201933.96073	201933.95811	0.00262	0.05000	0.00000
362:	28	15	13	28	14	14	201975.75154	201975.76201	-0.01047	0.05000	0.00000
363:	30	6	24	29	7	23	201996.23645	201996.23791	-0.00146	0.05000	0.00000
364:	58	17	42	58	16	43	202003.33307	202003.26336	0.06971	0.05000	0.00000
365:	28	10	19	27	10	18	202048.34184	202048.32716	0.01468	0.05000	0.00000
366:	28	10	18	27	10	17	202105.66471	202105.66573	-0.00102	0.05000	0.00000
367:	27	15	12	27	14	13	202267.06846	202267.07165	-0.00319	0.05000	0.00000
368:	69	17	53	69	16	54	202292.77861	202292.72265	0.05596	0.05000	0.00000
369:	26	15	11	26	14	12	202527.58936	202527.59286	-0.00350	0.05000	0.00000
370:	26	6	21	25	5	20	202570.42335	202570.43188	-0.00853	0.05000	0.00000
371:	55	10	45	55	9	46	202707.11496	202707.11886	-0.00390	0.05000	0.00000
372:	25	15	10	25	14	11	202759.77265	202759.79202	-0.01937	0.05000	0.00000
373:	28	7	22	27	7	21	202785.66123	202785.63499	0.02624	0.05000	0.00000
374:	24	15	9	24	14	10	202965.96777	202965.97790	-0.01013	0.05000	0.00000
375:	28	9	20	27	9	19	203076.11988	203076.10318	0.01670	0.05000	0.00000
376:	23	15	8	23	14	9	203148.37502	203148.31552	0.05950	0.05000	0.00000
377:	47	16	31	47	15	32	203200.54414	203200.59585	-0.05171	0.05000	0.00000
378:	39	2	37	39	1	38	203286.55336	203286.52246	0.03090	0.05000	0.00000
379:	47	16	32	47	15	33	203320.83071	203320.81810	0.01261	0.05000	0.00000
380:	55	11	45	55	10	46	203328.57268	203328.55697	0.01571	0.05000	0.00000
381:	27	7	20	26	7	19	203373.80310	203373.72202	0.08108	0.05000	0.00000
382:	21	15	6	21	14	7	203449.45958	203449.45688	0.00270	0.05000	0.00000
383:	63	18	45	63	17	46	203461.15973	203461.14993	0.00980	0.05000	0.00000
384:	68	18	51	68	17	52	203476.74441	203476.70215	0.04226	0.05000	0.00000
385:	69	18	52	69	17	53	203533.41809	203533.34949	0.06860	0.05000	0.00000
386:	20	15	5	20	14	6	203571.98038	203571.96985	0.01053	0.05000	0.00000
387:	28	9	19	27	9	18	203624.09334	203624.05129	0.04205	0.05000	0.00000
388:	19	15	4	19	14	5	203678.06293	203678.06867	-0.00574	0.05000	0.00000
389:	27	6	21	26	6	20	203708.63601	203708.62296	0.01305	0.05000	0.00000
390:	15	15	0	15	14	1	203968.69075	203968.74833	-0.05758	0.05000	0.00000
391:	65	15	51	65	14	52	203987.71864	203987.66326	0.05538	0.05000	0.00000
392:	60	13	48	60	12	49	204031.15258	204031.25695	-0.10437	0.05000	0.00000
393:	56	17	39	56	16	40	204275.97914	204275.98624	-0.00710	0.05000	0.00000
394:	70	18	53	70	17	54	204319.36353	204319.32789	0.03564	0.05000	0.00000
395:	27	6	22	26	5	21	204377.18570	204377.24710	-0.06140	0.05000	0.00000

396:	10	10	1	9	9	0	204493.49871	204493.44419	0.05452	0.05000	0.00000
397:	14	8	6	13	7	7	204514.39039	204514.35842	0.03197	0.05000	0.00000
398:	12	9	4	11	8	3	204563.86549	204563.86998	-0.00449	0.05000	0.00000
399:	46	16	30	46	15	31	204595.87481	204595.90161	-0.02680	0.05000	0.00000
400:	41	4	38	41	3	39	204965.46197	204965.48601	-0.02404	0.05000	0.00000
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402:	53	9	44	53	8	45	205159.68714	205159.75122	-0.06408	0.05000	0.00000
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405:	29	26	3	28	26	2	205253.10777	205253.05918	0.04859	0.05000	0.00000
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409:	29	23	6	28	23	5	205477.74426	205477.73745	0.00681	0.05000	0.00000
410:	30	4	26	29	5	25	205519.64682	205519.62744	0.01938	0.05000	0.00000
411:	29	22	7	28	22	6	205569.88798	205569.94916	-0.06118	0.05000	0.00000
412:	29	21	8	28	21	7	205673.81934	205673.85152	-0.03218	0.05000	0.00000
413:	30	5	26	29	5	25	205724.25904	205724.31588	-0.05684	0.05000	0.00000
414:	29	20	9	28	20	8	205792.02049	205791.98657	0.03392	0.05000	0.00000
415:	45	16	29	45	15	30	205862.99128	205863.04274	-0.05146	0.05000	0.00000
416:	30	4	26	29	4	25	205869.37811	205869.39716	-0.01905	0.05000	0.00000
417:	31	3	28	30	4	27	205877.51932	205877.58830	-0.06898	0.05000	0.00000
418:	31	4	28	30	4	27	205884.58265	205884.56646	0.01619	0.05000	0.00000
419:	31	3	28	30	3	27	205890.33817	205890.32993	0.00824	0.05000	0.00000
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422:	29	19	10	28	19	9	205927.57333	205927.60992	-0.03659	0.05000	0.00000
423:	30	5	26	29	4	25	206074.04917	206074.08560	-0.03643	0.05000	0.00000
424:	29	18	11	28	18	10	206084.94696	206084.95212	-0.00516	0.05000	0.00000
425:	56	17	40	56	16	41	206125.87516	206125.90968	-0.03452	0.05000	0.00000
426:	32	3	30	31	3	29	206174.20321	206174.14362	0.05959	0.05000	0.00000
427:	32	2	30	31	2	29	206174.20321	206174.27336	-0.07015	0.05000	0.00000
428:	43	4	39	43	3	40	206251.71391	206251.66506	0.04885	0.05000	0.00000
429:	29	17	12	28	17	11	206269.57999	206269.60363	-0.02364	0.05000	0.00000
430:	70	17	54	70	16	55	206364.81533	206364.80077	0.01456	0.05000	0.00000
431:	29	16	13	28	16	12	206489.10201	206489.09859	0.00342	0.05000	0.00000
432:	33	1	32	32	1	31	206537.42514	206537.44549	-0.02035	0.05000	0.00000
433:	51	8	43	51	7	44	206635.16584	206635.17662	-0.01078	0.05000	0.00000
434:	51	9	43	51	8	44	206686.89496	206686.91629	-0.02133	0.05000	0.00000
435:	29	15	14	28	15	13	206753.81733	206753.83256	-0.01523	0.05000	0.00000
436:	38	1	37	38	0	38	206843.86044	206843.85112	0.00932	0.05000	0.00000
437:	34	0	34	33	0	33	206929.79290	206929.79153	0.00137	0.05000	0.00000
438:	55	17	38	55	16	39	206980.48049	206980.48752	-0.00703	0.05000	0.00000
439:	44	16	28	44	15	29	207018.29849	207018.27693	0.02156	0.05000	0.00000
440:	44	16	29	44	15	30	207036.93298	207037.02185	-0.08887	0.05000	0.00000
441:	29	14	16	28	14	15	207078.56579	207078.57007	-0.00428	0.05000	0.00000
442:	28	8	20	27	8	19	207088.39653	207088.38064	0.01589	0.05000	0.00000
443:	29	5	24	28	5	23	207208.12740	207208.13613	-0.00873	0.05000	0.00000
444:	68	16	53	68	15	54	207358.86029	207358.87542	-0.01513	0.05000	0.00000

206174.20849
206174.20849

-0.00528 0.5000
-0.00528 0.5000

445:	49	7	42	49	6	43	207372.93006	207372.94350	-0.01344	0.05000	0.00000
446:	49	8	42	49	7	43	207385.71406	207385.73664	-0.02258	0.05000	0.00000
447:	29	13	17	28	13	16	207485.10200	207485.05952	0.04248	0.05000	0.00000
448:	47	6	41	47	5	42	207504.72929	207504.75098	-0.02169	0.05000	0.00000
449:	47	7	41	47	6	42	207507.59543	207507.56825	0.02718	0.05000	0.00000
450:	54	15	39	53	16	38	207976.56577	207976.65880	-0.09303	0.05000	0.00000
451:	29	12	18	28	12	17	208006.80870	208006.75338	0.05532	0.05000	0.00000
452:	29	12	17	28	12	16	208007.30683	208007.33623	-0.02940	0.05000	0.00000
453:	43	16	27	43	15	28	208074.23824	208074.24196	-0.00372	0.05000	0.00000
454:	62	18	44	62	17	45	208087.03909	208087.07086	-0.03177	0.05000	0.00000
455:	55	17	39	55	16	40	208114.04157	208114.02800	0.01357	0.05000	0.00000
456:	72	18	55	72	17	56	208287.30316	208287.28108	0.02208	0.05000	0.00000
457:	68	19	49	68	18	50	208314.21612	208314.14506	0.07106	0.05000	0.00000
458:	61	12	49	61	11	50	208326.95693	208327.04324	-0.08631	0.05000	0.00000
459:	70	15	55	70	14	56	208471.50542	208471.52653	-0.02111	0.05000	0.00000
460:	29	11	19	28	11	18	208695.97628	208695.98910	-0.01282	0.05000	0.00000
461:	29	11	18	28	11	17	208705.09480	208705.09607	-0.00127	0.05000	0.00000
462:	40	2	38	40	1	39	208902.46676	208902.48846	-0.02170	0.05000	0.00000
463:	42	16	27	42	15	28	209046.03273	209045.94715	0.08558	0.05000	0.00000
464:	56	10	46	56	9	47	209263.32836	209263.35549	-0.02713	0.05000	0.00000
465:	30	5	25	29	6	24	209294.10226	209294.12570	-0.02344	0.05000	0.00000
466:	54	17	37	54	16	38	209330.62485	209330.65201	-0.02716	0.05000	0.00000
467:	29	7	23	28	7	22	209558.76443	209558.75271	0.01172	0.05000	0.00000
468:	29	10	20	28	10	19	209615.94927	209615.95532	-0.00605	0.05000	0.00000
469:	56	11	46	56	10	47	209650.55487	209650.53748	0.01739	0.05000	0.00000
470:	29	10	19	28	10	18	209724.63731	209724.62341	0.01390	0.05000	0.00000
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472:	67	14	53	67	13	54	209889.35331	209889.39858	-0.04527	0.05000	0.00000
473:	41	16	25	41	15	26	209927.04429	209927.06499	-0.02070	0.05000	0.00000
474:	41	16	26	41	15	27	209929.51653	209929.48069	0.03584	0.05000	0.00000
475:	54	17	38	54	16	39	210011.76916	210011.81037	-0.04121	0.05000	0.00000
476:	28	6	22	27	6	21	210120.17059	210120.16010	0.01049	0.05000	0.00000
477:	66	15	52	66	14	53	210153.45052	210153.44676	0.00376	0.05000	0.00000
478:	17	7	11	16	6	10	210313.99467	210313.99616	-0.00149	0.05000	0.00000
479:	42	4	39	42	3	40	210605.93214	210605.97428	-0.04214	0.05000	0.00000
480:	63	18	46	63	17	47	210641.37345	210641.34811	0.02534	0.05000	0.00000
481:	29	6	24	28	5	23	210646.68242	210646.71282	-0.03040	0.05000	0.00000
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483:	40	16	24	40	15	25	210739.35918	210739.32152	0.03766	0.05000	0.00000
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485:	17	7	10	16	6	11	211021.58352	211021.48266	0.10086	0.05000	0.00000
486:	29	8	22	28	8	21	211168.00004	211167.93649	0.06355	0.05000	0.00000
487:	54	9	45	54	8	46	211399.08751	211399.09054	-0.00303	0.05000	0.00000
488:	30	6	25	29	6	24	211474.10495	211474.12643	-0.02148	0.05000	0.00000
489:	15	8	14	7	7		211495.16006	211495.14003	0.02003	0.05000	0.00000
490:	11	10	2	10	9	1	211569.99568	211569.96105	0.03463	0.05000	0.00000
491:	31	4	27	30	5	26	211584.81899	211584.77134	0.04765	0.05000	0.00000
492:	29	9	20	28	9	19	211616.71869	211616.69457	0.02412	0.05000	0.00000
493:	13	9	5	12	8	4	211622.39174	211622.37345	0.01829	0.05000	0.00000

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495:	28	7	21	27	7	20	211795.56831	211795.56390	0.00441	0.05000	0.00000	
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499:	32	4	29	31	3	28	211878.19188	211878.16906	0.02282	0.05000	0.00000	
500:	31	5	27	30	4	26	211907.92231	211907.91961	0.00270	0.05000	0.00000	
501:	38	16	22	38	15	23	212166.40992	212166.26089	0.14903	0.05000	0.00000	0.02281 0.5000
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504:	30	28	2	29	28	1	212244.94997	212244.99634	-0.04637	0.05000	0.00000	
505:	30	27	3	29	27	2	212307.35689	212307.36436	-0.00747	0.05000	0.00000	
506:	30	26	4	29	26	3	212375.26485	212375.12752	0.13733	0.05000	0.00000	
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510:	34	1	33	33	1	32	212536.23929	212536.21096	0.02833	0.05000	0.00000	
511:	30	23	7	29	23	6	212621.57245	212621.56011	0.01234	0.05000	0.00000	
512:	52	8	44	52	7	45	212675.19268	212675.28557	-0.09289	0.05000	0.00000	
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515:	30	5	25	29	5	24	212732.70765	212732.70239	0.00526	0.05000	0.00000	
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518:	37	16	22	37	15	23	212791.16472	212791.22049	-0.05577	0.05000	0.00000	0.00071 0.5000
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522:	30	20	10	29	20	9	212967.66091	212967.62350	0.03741	0.05000	0.00000	
523:	30	19	11	29	19	10	213117.31315	213117.31941	-0.00626	0.05000	0.00000	
524:	52	17	35	52	16	36	213248.77493	213248.77114	0.00379	0.05000	0.00000	
525:	30	18	12	29	18	11	213291.15951	213291.18967	-0.03016	0.05000	0.00000	
526:	48	6	42	48	5	43	213309.29586	213309.32876	-0.03290	0.05000	0.00000	
527:	48	7	42	48	6	43	213310.94856	213310.90740	0.04116	0.05000	0.00000	
528:	36	16	21	36	15	22	213362.77448	213362.84115	-0.06667	0.05000	0.00000	
529:	30	17	13	29	17	12	213495.49937	213495.48344	0.01593	0.05000	0.00000	
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535:	71	19	53	71	18	54	214089.01760	214088.97392	0.04368	0.05000	0.00000	
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539:	41	2	39	41	1	40	214516.71427	214516.67708	0.03719	0.05000	0.00000	
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543:	61	18	44	61	17	45	215003.66525	215003.65064	0.01461	0.05000	0.00000
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546:	75	19	57	75	18	58	215281.84754	215281.74013	0.10741	0.05000	0.00000
547:	30	12	19	29	12	18	215429.93102	215429.90365	0.02737	0.05000	0.00000
548:	30	12	18	29	12	17	215431.21071	215431.19213	0.01858	0.05000	0.00000
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550:	62	12	50	62	11	51	215633.55226	215633.52738	0.02488	0.05000	0.00000
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552:	29	8	21	28	8	20	215868.40515	215868.41278	-0.00763	0.05000	0.00000
553:	30	16	14	30	15	15	215875.64650	215875.64495	0.00155	0.05000	0.00000
554:	57	11	47	57	10	48	215938.60900	215938.61534	-0.00634	0.05000	0.00000
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556:	33	7	26	32	8	25	216127.77843	216127.78518	-0.00675	0.05000	0.00000
557:	29	16	13	29	15	14	216169.37531	216169.37425	0.00106	0.05000	0.00000
558:	30	7	24	29	7	23	216175.74022	216175.73690	0.00332	0.05000	0.00000
559:	31	5	26	30	6	25	216185.49332	216185.47460	0.01872	0.05000	0.00000
560:	30	11	20	29	11	19	216202.46824	216202.48149	-0.01325	0.05000	0.00000
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562:	43	4	40	43	3	41	216243.03319	216243.05680	-0.02361	0.05000	0.00000
563:	28	16	12	28	15	13	216434.10036	216434.10822	-0.00786	0.05000	0.00000
564:	72	17	56	72	16	57	216449.04391	216448.99954	0.04437	0.05000	0.00000
565:	50	17	34	50	16	35	216495.09079	216495.13049	-0.03970	0.05000	0.00000
566:	18	7	12	17	6	11	216562.53281	216562.51300	0.01981	0.05000	0.00000
567:	27	16	11	27	15	12	216672.03905	216672.01605	0.02300	0.05000	0.00000
568:	26	16	10	26	15	11	216885.17349	216885.13690	0.03659	0.05000	0.00000
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570:	60	18	43	60	17	44	217176.74046	217176.67613	0.06433	0.05000	0.00000
571:	30	10	21	29	10	20	217218.43534	217218.42228	0.01306	0.05000	0.00000
572:	24	16	8	24	15	9	217244.58295	217244.58784	-0.00489	0.05000	0.00000
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575:	22	16	6	22	15	7	217526.52144	217526.54947	-0.02803	0.05000	0.00000
576:	45	4	41	45	3	42	217602.09012	217602.05374	0.03638	0.05000	0.00000
577:	21	16	5	21	15	6	217642.44818	217642.45127	-0.00309	0.05000	0.00000
578:	32	5	28	31	5	27	217678.03102	217678.04620	-0.01518	0.05000	0.00000
579:	32	4	28	31	4	27	217728.63962	217728.63226	0.00736	0.05000	0.00000
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583:	49	17	33	49	16	34	217838.70650	217838.78423	-0.07773	0.05000	0.00000
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588:	18	7	11	17	6	12	217987.38047	217987.34028	0.04019	0.05000	0.00000
589:	40	1	39	40	0	40	218046.86655	218046.76221	0.10434	0.05000	0.00000
590:	59	18	41	59	17	42	218105.38060	218105.34362	0.03698	0.05000	0.00000
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592:	71	15	56	71	14	57	218222.15201	218222.20472	-0.05271	0.05000	0.00000		
593:	30	9	22	29	9	21	218294.09455	218294.06841	0.02614	0.05000	0.00000		
594:	31	5	26	30	5	25	218365.47499	218365.47533	-0.00034	0.05000	0.00000		
595:	30	8	23	29	8	22	218433.45642	218433.47671	-0.02029	0.05000	0.00000		
596:	16	8	15	7	9		218455.72514	218455.65997	0.06517	0.05000	0.00000		
597:	47	5	42	47	4	43	218565.69559	218565.62675	0.06884	0.05000	0.00000		
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599:	53	8	45	53	7	46	218677.40926	218677.41678	-0.00752	0.05000	0.00000		
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601:	36	0	36	35	0	35	218928.34840	218928.32427	0.02413	0.05000	0.00000		
602:	48	17	32	48	16	33	219081.35619	219081.42452	-0.06833	0.05000	0.00000		
603:	49	6	43	49	5	44	219098.65491	219098.69486	-0.03995	0.05000	0.00000		
604:	49	7	43	49	6	44	219099.61289	219099.57473	0.03816	0.05000	0.00000		
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606:	31	30	1	30	30	0	219238.59899	219238.55787	0.04112	0.05000	0.00000		
607:	31	29	2	30	29	1	219297.01394	219297.02263	-0.00869	0.05000	0.00000		
608:	31	28	3	30	28	2	219359.89779	219359.85361	0.04418	0.05000	0.00000		
609:	70	16	55	70	15	56	219375.27157	219375.19898	0.07259	0.05000	0.00000		
610:	31	27	4	30	27	3	219427.78303	219427.78959	-0.00656	0.05000	0.00000		
611:	58	10	48	58	9	49	222042.08452	222042.14761	-0.06309	0.05000	0.00000		
612:	58	11	48	58	10	49	222188.29427	222188.25910	0.03517	0.05000	0.00000		
613:	31	13	18	30	13	17	222231.09723	222231.17695	-0.07972	0.05000	0.00000	222231.09413	0.00310 0.5000
614:	31	13	19	30	13	18	222231.09723	222231.01131	0.08592	0.05000	0.00000	222231.09413	0.00310 0.5000
615:	45	17	28	45	16	29	222266.54025	222266.53371	0.00654	0.05000	0.00000		
616:	32	6	26	31	7	25	222289.83653	222289.81858	0.01795	0.05000	0.00000		
617:	19	7	13	18	6	12	222379.55194	222379.55480	-0.00286	0.05000	0.00000		
618:	31	7	25	30	7	24	222645.48507	222645.46631	0.01876	0.05000	0.00000		
619:	63	12	51	63	11	52	222674.68826	222674.70346	-0.01520	0.05000	0.00000		
620:	32	5	27	31	6	26	222735.07079	222735.03912	0.03167	0.05000	0.00000		
621:	65	19	46	65	18	47	222767.33634	222767.35316	-0.01682	0.05000	0.00000		
622:	57	18	39	57	17	40	222777.23166	222777.22972	0.00194	0.05000	0.00000		
623:	31	12	20	30	12	19	222882.25592	222882.21097	0.04495	0.05000	0.00000		
624:	31	12	19	30	12	18	222884.96841	222884.96560	0.00281	0.05000	0.00000		
625:	44	17	27	44	16	28	223171.95065	223171.94196	0.00869	0.05000	0.00000		
626:	57	18	40	57	17	41	223202.35271	223202.39796	-0.04525	0.05000	0.00000		
627:	46	4	42	46	3	43	223268.84145	223268.80355	0.03790	0.05000	0.00000		
628:	44	11	33	43	12	32	223319.52755	223319.61037	-0.08282	0.05000	0.00000		
629:	32	6	27	31	6	26	223564.64163	223564.62216	0.01947	0.05000	0.00000		
630:	63	13	51	63	12	52	223592.82602	223592.76014	0.06588	0.05000	0.00000		
631:	33	5	29	32	5	28	223651.51255	223651.50086	0.01169	0.05000	0.00000		
632:	33	4	29	32	4	28	223680.85831	223680.83637	0.02194	0.05000	0.00000		
633:	56	9	47	56	8	48	223695.03138	223694.98729	0.04409	0.05000	0.00000		
634:	33	5	29	32	4	28	223719.39572	223719.37463	0.02109	0.05000	0.00000		
635:	31	11	21	30	11	20	223744.97667	223744.93896	0.03771	0.05000	0.00000		
636:	31	11	20	30	11	19	223780.96502	223780.92878	0.03624	0.05000	0.00000		
637:	34	3	31	33	4	30	223845.69187	223845.72267	-0.03080	0.05000	0.00000		
638:	34	4	31	33	4	30	223846.78090	223846.82566	-0.04476	0.05000	0.00000		
639:	34	3	31	33	3	30	223847.78400	223847.77477	0.00923	0.05000	0.00000		
640:	34	4	31	33	3	30	223848.91703	223848.87777	0.03926	0.05000	0.00000		

641:	43	17	26	43	16	27	224006.70314	224006.80419	-0.10105	0.05000	0.00000	
642:	43	17	27	43	16	28	224007.55425	224007.52225	0.03200	0.05000	0.00000	
643:	32	5	27	31	5	26	224090.83202	224090.88963	-0.05761	0.05000	0.00000	
644:	35	2	33	34	2	32	224161.50038	224161.51085	-0.01047	0.05000	0.00000	
645:	48	5	43	48	4	44	224278.73663	224278.67626	0.06037	0.05000	0.00000	
646:	71	20	51	71	19	52	224481.71951	224481.66174	0.05777	0.05000	0.00000	
647:	36	1	35	35	1	34	224532.80874	224532.82667	-0.01793	0.05000	0.00000	
648:	54	9	46	54	8	47	224657.37944	224657.36349	0.01595	0.05000	0.00000	
649:	56	18	38	56	17	39	224742.58022	224742.58958	-0.00936	0.05000	0.00000	
650:	30	8	22	29	8	21	224750.87959	224750.87742	0.00217	0.05000	0.00000	
651:	42	17	25	42	16	26	224776.71275	224776.56494	0.14781	0.05000	0.00000	
652:	42	17	26	42	16	27	224776.71275	224776.90571	-0.19296	0.05000	0.00000	-0.02257 0.5000
653:	31	10	22	30	10	21	224851.05957	224851.03476	0.02481	0.05000	0.00000	-0.02257 0.5000
654:	50	6	44	50	5	45	224874.37874	224874.34389	0.03485	0.05000	0.00000	
655:	32	6	27	31	5	26	224920.45982	224920.47267	-0.01285	0.05000	0.00000	
656:	37	0	37	36	0	36	224927.01684	224927.04300	-0.02616	0.05000	0.00000	
657:	56	18	39	56	17	40	224991.42249	224991.31792	0.10457	0.05000	0.00000	
658:	52	7	45	52	6	46	225014.92126	225014.99513	-0.07387	0.05000	0.00000	
659:	19	7	12	18	6	13	225093.49689	225093.45487	0.04202	0.05000	0.00000	
660:	66	13	53	66	12	54	225153.63565	225153.59935	0.03630	0.05000	0.00000	
661:	31	10	21	30	10	20	225204.73115	225204.73827	-0.00712	0.05000	0.00000	
662:	17	8	10	16	7	9	225328.77549	225328.77575	-0.00026	0.05000	0.00000	
663:	17	8	9	16	7	10	225372.22034	225372.23326	-0.01292	0.05000	0.00000	
664:	41	17	24	41	16	25	225486.14415	225486.07238	0.07177	0.05000	0.00000	-0.00723 0.5000
665:	41	17	25	41	16	26	225486.14415	225486.23038	-0.08623	0.05000	0.00000	-0.00723 0.5000
666:	74	20	55	74	19	56	225492.15292	225492.07976	0.07316	0.05000	0.00000	
667:	31	8	24	30	8	23	225563.02772	225563.05920	-0.03148	0.05000	0.00000	
668:	11	11	1	10	10	0	225638.43887	225638.42479	0.01408	0.05000	0.00000	
669:	15	9	6	14	8	7	225698.72113	225698.80488	-0.08375	0.05000	0.00000	0.00837 0.5000
670:	15	9	7	14	8	6	225698.72113	225698.62063	0.10050	0.05000	0.00000	0.00837 0.5000
671:	13	10	4	12	9	3	225712.69843	225712.68860	0.00983	0.05000	0.00000	
672:	43	2	41	43	1	42	225740.08417	225740.08706	-0.00289	0.05000	0.00000	
673:	71	16	56	71	15	57	225820.62516	225820.58066	0.04450	0.05000	0.00000	
674:	31	9	23	30	9	22	225867.56882	225867.55856	0.01026	0.05000	0.00000	
675:	61	11	50	61	10	51	226041.62161	226041.61558	0.00603	0.05000	0.00000	
676:	40	17	24	40	16	25	226139.72094	226139.76217	-0.04123	0.05000	0.00000	
677:	32	31	1	31	31	0	226287.89457	226287.88725	0.00732	0.05000	0.00000	
678:	61	12	50	61	11	51	226339.32532	226339.33777	-0.01245	0.05000	0.00000	
679:	32	30	2	31	30	1	226347.09069	226347.09206	-0.00137	0.05000	0.00000	
680:	32	29	3	31	29	2	226410.44854	226410.45192	-0.00338	0.05000	0.00000	
681:	32	28	4	31	28	3	226478.66200	226478.65016	0.01184	0.05000	0.00000	
682:	55	18	37	55	17	38	226519.92194	226519.93718	-0.01524	0.05000	0.00000	
683:	32	27	5	31	27	4	226552.49541	226552.50061	-0.00520	0.05000	0.00000	
684:	32	26	6	31	26	5	226632.99597	226632.97903	0.01694	0.05000	0.00000	
685:	55	18	38	55	17	39	226662.91650	226662.94463	-0.02813	0.05000	0.00000	
686:	32	25	7	31	25	6	226721.25778	226721.26389	-0.00611	0.05000	0.00000	
687:	39	17	23	39	16	24	226741.35375	226741.41335	-0.05960	0.05000	0.00000	
688:	32	23	9	31	23	8	226927.31195	226927.31841	-0.00646	0.05000	0.00000	
689:	31	6	25	30	6	24	226928.26798	226928.22108	0.04690	0.05000	0.00000	

690:	36	8	28	35	9	27	227002.35862	227002.31581	0.04281	0.05000	0.00000	0.00742 0.5000 0.00742 0.5000
691:	32	22	10	31	22	9	227049.02278	227049.03396	-0.01118	0.05000	0.00000	
692:	32	21	11	31	21	10	227186.67369	227186.67369	-0.02233	0.05000	0.00000	
693:	38	17	22	38	16	23	227294.76016	227294.78068	-0.02052	0.05000	0.00000	
694:	32	20	12	31	20	11	227343.69345	227343.70948	-0.01603	0.05000	0.00000	
695:	30	7	23	29	7	22	227364.16428	227364.14111	0.02317	0.05000	0.00000	
696:	45	3	42	45	2	43	227507.92585	227507.90411	0.02174	0.05000	0.00000	
697:	32	19	13	31	19	12	227524.59725	227524.60571	-0.00846	0.05000	0.00000	
698:	20	7	14	19	6	13	227574.84387	227574.83828	0.00559	0.05000	0.00000	
699:	32	18	14	31	18	13	227735.16164	227735.19415	-0.03251	0.05000	0.00000	
700:	32	17	15	31	17	14	227983.20606	227983.23482	-0.02876	0.05000	0.00000	
701:	54	18	36	54	17	37	228139.16964	228139.09172	0.07792	0.05000	0.00000	
702:	64	19	46	64	18	47	228149.49191	228149.50147	-0.00956	0.05000	0.00000	
703:	31	9	22	30	9	21	228224.00515	228223.98564	0.01951	0.05000	0.00000	
704:	36	17	20	36	16	21	228269.65522	228269.68086	-0.02564	0.05000	0.00000	
705:	32	16	16	31	16	15	228279.26085	228279.28416	-0.02331	0.05000	0.00000	
706:	59	11	49	59	10	50	228398.04538	228398.01591	0.02947	0.05000	0.00000	
707:	32	15	17	31	15	16	228638.10697	228638.09746	0.00951	0.05000	0.00000	
708:	35	17	18	35	16	19	228697.11751	228697.12695	-0.00944	0.05000	0.00000	
709:	47	4	43	47	3	44	228930.40264	228930.48645	-0.08381	0.05000	0.00000	
710:	32	7	26	31	7	25	228983.38664	228983.39628	-0.00964	0.05000	0.00000	
711:	34	7	27	33	8	26	229015.51641	229015.47567	0.04074	0.05000	0.00000	
712:	33	5	28	32	6	27	229058.21680	229058.23049	-0.01369	0.05000	0.00000	
713:	32	14	19	31	14	18	229081.01280	229081.00876	0.00404	0.05000	0.00000	
714:	34	17	17	34	16	18	229088.18171	229088.17057	0.01114	0.05000	0.00000	
715:	63	19	44	63	18	45	229155.57158	229155.54835	0.02323	0.05000	0.00000	
716:	70	20	50	70	19	51	229369.49418	229369.42856	0.06562	0.05000	0.00000	
717:	33	17	16	33	16	17	229445.26302	229445.28275	-0.01973	0.05000	0.00000	
718:	64	12	52	64	11	53	229513.17941	229513.19989	-0.02048	0.05000	0.00000	
719:	33	6	28	32	6	27	229558.66067	229558.65365	0.00702	0.05000	0.00000	
720:	34	4	30	33	5	29	229603.46028	229603.46621	-0.00593	0.05000	0.00000	
721:	53	18	35	53	17	36	229622.26662	229622.26146	0.00516	0.05000	0.00000	
722:	34	5	30	33	5	29	229625.15322	229625.16753	-0.01431	0.05000	0.00000	
723:	32	13	19	31	13	18	229640.37791	229640.55703	-0.17912	0.05000	0.00000	
724:	32	13	20	31	13	19	229640.37791	229640.18395	0.19396	0.05000	0.00000	
725:	34	4	30	33	4	29	229642.05912	229642.00447	0.05465	0.05000	0.00000	
726:	34	5	30	33	4	29	229663.68226	229663.70579	-0.02353	0.05000	0.00000	
727:	53	18	36	53	17	37	229667.08491	229667.14274	-0.05783	0.05000	0.00000	
728:	57	9	48	57	8	49	229771.76555	229771.71255	0.05300	0.05000	0.00000	
729:	33	5	28	32	5	27	229887.82518	229887.81353	0.01165	0.05000	0.00000	
730:	64	13	52	64	12	53	230095.47316	230095.38685	0.08631	0.05000	0.00000	
731:	36	2	34	35	2	33	230157.12186	230157.15305	-0.03119	0.05000	0.00000	
732:	30	17	13	30	16	14	230335.44165	230335.47193	-0.03028	0.05000	0.00000	
733:	32	12	21	31	12	20	230365.53076	230365.51512	0.01564	0.05000	0.00000	
734:	32	12	20	31	12	19	230371.36826	230371.22094	0.14732	0.05000	0.00000	
735:	33	6	28	32	5	27	230388.27649	230388.23668	0.03981	0.05000	0.00000	
736:	37	1	36	36	1	35	230530.65051	230530.64123	0.00928	0.05000	0.00000	
737:	29	17	12	29	16	13	230578.65426	230578.63464	0.01962	0.05000	0.00000	
738:	55	9	47	55	8	48	230594.18496	230594.14680	0.03816	0.05000	0.00000	

739:	28	17	11	28	16	12	230798.12862	230798.12961	-0.00099	0.05000	0.00000		
740:	33	6	27	32	7	26	230802.30206	230802.32622	-0.02416	0.05000	0.00000		
741:	53	7	46	53	6	47	230854.98865	230855.03870	-0.05005	0.05000	0.00000		
742:	53	8	46	53	7	47	230856.41158	230856.38466	0.02692	0.05000	0.00000		
743:	38	0	38	37	0	37	230925.42843	230925.38230	0.04613	0.05000	0.00000		
744:	52	18	34	52	17	35	230986.27415	230986.32309	-0.04894	0.05000	0.00000		
745:	27	17	10	27	16	11	230995.70856	230995.67111	0.03745	0.05000	0.00000		
746:	52	18	35	52	17	36	231010.85121	231010.81613	0.03508	0.05000	0.00000		
747:	26	17	9	26	16	10	231172.87134	231172.88094	-0.00960	0.05000	0.00000		
748:	32	11	22	31	11	21	231324.21915	231324.23798	-0.01883	0.05000	0.00000		
749:	25	17	8	25	16	9	231331.31167	231331.29478	0.01689	0.05000	0.00000		
750:	44	2	42	44	1	43	231349.44800	231349.46330	-0.01530	0.05000	0.00000		
751:	32	11	21	31	11	20	231392.55314	231392.53568	0.01746	0.05000	0.00000		
752:	24	17	7	24	16	8	231472.33388	231472.36785	-0.03397	0.05000	0.00000		
753:	23	17	6	23	16	7	231597.43373	231597.47962	-0.04589	0.05000	0.00000		
754:	22	17	5	22	16	6	231707.92575	231707.93802	-0.01227	0.05000	0.00000		
755:	36	8	29	35	7	28	270873.72492	270873.75982	-0.03490	0.05000	0.00000		
756:	66	10	56	66	9	57	270876.78031	270876.81991	-0.03960	0.05000	0.00000		
757:	66	11	56	66	10	57	270879.08315	270879.03884	0.04431	0.05000	0.00000		
758:	38	8	31	37	8	30	271246.93734	271246.91951	0.01783	0.05000	0.00000		
759:	40	5	35	39	6	34	271294.10085	271294.21536	-0.11451	0.05000	0.00000		
760:	40	6	35	39	6	34	271305.09625	271305.10122	-0.00497	0.05000	0.00000		
761:	41	4	37	40	4	36	271475.97994	271476.14230	-0.16236	0.05000	0.00000	271476.00394	-0.02400 0.5000
762:	41	5	37	40	5	36	271475.97994	271475.86558	0.11436	0.05000	0.00000	271476.00394	-0.02400 0.5000
763:	39	6	33	38	6	32	271493.67229	271493.64441	0.02788	0.05000	0.00000		
764:	36	8	28	35	8	27	271513.93408	271513.94556	-0.01148	0.05000	0.00000		
765:	36	20	16	36	19	17	272006.87188	272006.70433	-0.03245	0.05000	0.00000		
766:	38	16	22	37	16	21	272280.40504	272280.40219	0.00285	0.05000	0.00000	272280.39805	0.00699 0.5000
767:	38	16	23	37	16	22	272280.40504	272280.39391	0.01113	0.05000	0.00000	272280.39805	0.00699 0.5000
768:	36	9	27	35	9	26	272460.09998	272460.12655	-0.02657	0.05000	0.00000		
769:	33	20	13	33	19	14	272716.22418	272716.16610	0.05808	0.05000	0.00000		
770:	45	0	45	44	0	44	272902.20706	272902.24402	-0.03696	0.05000	0.00000		
771:	38	15	23	37	15	22	272905.16576	272905.24883	-0.08307	0.05000	0.00000	272905.17494	-0.00918 0.5000
772:	38	15	24	37	15	23	272905.16576	272905.10106	0.06470	0.05000	0.00000	272905.17494	-0.00918 0.5000
773:	32	20	12	32	19	13	272914.32821	272914.28492	0.04329	0.05000	0.00000		
774:	38	7	31	37	7	30	273155.58509	273155.56587	0.01922	0.05000	0.00000		
775:	30	20	10	30	19	11	273259.93874	273259.95262	-0.01388	0.05000	0.00000		
776:	37	8	30	36	7	29	273332.67439	273332.62982	0.04457	0.05000	0.00000		
777:	39	19	20	38	19	19	278281.22378	278281.24172	-0.01794	0.05000	0.00000		
778:	40	8	32	39	9	31	278865.50078	278865.41971	0.08107	0.05000	0.00000		
779:	46	0	46	45	0	45	278897.19299	278897.16787	0.02512	0.05000	0.00000		
780:	39	14	26	38	14	25	281219.99212	281219.99889	-0.00677	0.05000	0.00000		
781:	39	14	25	38	14	24	281224.35436	281224.36322	-0.00886	0.05000	0.00000		
782:	49	21	28	49	20	29	281299.61577	281299.68014	-0.06437	0.05000	0.00000		
783:	39	13	27	38	13	26	282330.08368	282330.05823	0.02545	0.05000	0.00000		
784:	39	13	26	38	13	25	282378.87123	282378.87904	-0.00781	0.05000	0.00000		
785:	39	9	31	38	9	30	282393.09007	282393.08085	0.00922	0.05000	0.00000		
786:	47	21	26	47	20	27	282414.63931	282414.73929	-0.09998	0.05000	0.00000		
787:	25	7	18	24	6	19	282569.49516	282569.41797	0.07719	0.05000	0.00000		

837:	39	10	30	38	10	29	285068.49546	285068.49578	-0.00032	0.05000	0.00000	
838:	52	2	51	52	1	52	285198.10942	285198.06500	0.04442	0.05000	0.00000	
839:	40	20	20	39	20	19	285225.37623	285225.37812	-0.00189	0.05000	0.00000	
840:	40	21	19	40	20	20	285298.42098	285298.45413	-0.03315	0.05000	0.00000	
841:	57	4	53	57	3	54	285331.10098	285331.03457	0.06641	0.05000	0.00000	
842:	40	19	21	39	19	20	285579.60404	285579.57359	0.03045	0.05000	0.00000	
843:	39	21	18	39	20	19	285603.12410	285603.18882	-0.06472	0.05000	0.00000	
844:	40	8	33	39	7	32	285615.86776	285615.87923	-0.01147	0.05000	0.00000	
845:	38	21	17	38	20	18	285885.43724	285885.41710	0.02014	0.05000	0.00000	
846:	56	14	42	55	15	41	285893.09971	285893.03324	0.06647	0.05000	0.00000	
847:	40	18	22	39	18	21	285996.08940	285996.08816	0.00124	0.05000	0.00000	
848:	37	21	16	37	20	17	286146.44855	286146.40127	0.04728	0.05000	0.00000	
849:	36	21	15	36	20	16	286387.32742	286387.34590	-0.01848	0.05000	0.00000	
850:	40	17	24	39	17	23	286492.61359	286492.60102	0.01257	0.05000	0.00000	
851:	35	21	14	35	20	15	286609.40369	286609.40153	0.00216	0.05000	0.00000	
852:	59	5	54	59	4	55	286696.80203	286696.84673	-0.04470	0.05000	0.00000	
853:	41	8	33	40	9	32	288337.27779	288337.28020	-0.00241	0.05000	0.00000	
854:	41	7	34	40	8	33	288402.36896	288402.39196	-0.02300	0.05000	0.00000	
855:	38	9	29	37	9	28	288524.70911	288524.75263	-0.04352	0.05000	0.00000	
856:	22	10	12	21	9	13	288642.85863	288642.82596	0.03267	0.05000	0.00000	
857:	40	9	32	39	9	31	288772.98052	288772.95296	0.02756	0.05000	0.00000	
858:	40	14	27	39	14	26	288780.79051	288780.81275	-0.02224	0.05000	0.00000	
859:	40	14	26	39	14	25	288789.30430	288789.31311	-0.00881	0.05000	0.00000	
860:	65	8	57	65	7	58	288947.11787	288947.00139	0.11648	0.05000	0.00000	
861:	67	10	58	67	9	59	289008.84509	289008.88569	-0.04060	0.05000	0.00000	0.00611 0.5000
862:	67	9	58	67	8	59	289008.84509	289008.79226	0.05283	0.05000	0.00000	289008.83898
863:	14	14	1	13	13	0	289058.12602	289058.13364	-0.00762	0.05000	0.00000	0.00611 0.5000
864:	20	11	9	19	10	10	289082.67888	289082.71883	-0.03995	0.05000	0.00000	
865:	42	6	36	41	7	35	289110.93536	289111.06375	-0.12839	0.05000	0.00000	
866:	42	7	36	41	7	35	289160.84764	289160.91440	-0.06676	0.05000	0.00000	
867:	42	6	36	41	6	35	289196.69630	289196.75176	-0.05546	0.05000	0.00000	
868:	43	6	38	42	6	37	289208.05416	289208.07355	-0.01939	0.05000	0.00000	
869:	43	5	38	42	5	37	289209.58777	289209.59064	-0.00287	0.05000	0.00000	
870:	43	6	38	42	5	37	289211.41324	289211.47627	-0.06303	0.05000	0.00000	
871:	42	7	36	41	6	35	289246.62309	289246.60240	0.02069	0.05000	0.00000	
872:	56	3	53	56	2	54	289292.23877	289292.25047	-0.01170	0.05000	0.00000	
873:	41	8	34	40	8	33	289297.93137	289297.91592	0.01545	0.05000	0.00000	
874:	44	4	40	43	4	39	289426.17303	289426.15945	0.01358	0.05000	0.00000	
875:	45	3	42	44	3	41	289738.18940	289738.17321	0.01619	0.05000	0.00000	
876:	41	38	3	40	38	2	289768.59494	289768.59295	0.00199	0.05000	0.00000	
877:	41	7	34	40	7	33	289845.01342	289845.02443	-0.01101	0.05000	0.00000	
878:	41	36	5	40	36	4	289919.78952	289919.75467	0.03485	0.05000	0.00000	
879:	40	13	28	39	13	27	289994.35518	289994.36083	-0.00565	0.05000	0.00000	
880:	41	35	6	40	35	5	290001.11257	290001.18532	-0.07275	0.05000	0.00000	
881:	40	13	27	39	13	26	290082.73520	290082.76506	-0.02986	0.05000	0.00000	
882:	41	34	7	40	34	6	290087.19497	290087.25039	-0.05542	0.05000	0.00000	
883:	46	2	44	45	2	43	290099.97540	290099.97825	-0.00285	0.05000	0.00000	
884:	41	32	9	40	32	8	290275.99452	290276.02382	-0.02930	0.05000	0.00000	
885:	26	8	18	25	7	19	290483.19424	290483.13894	0.05530	0.05000	0.00000	

886:	47	1	46	46	1	45	290487.16134	290487.15902	0.00232	0.05000	0.00000	
887:	41	30	11	40	30	10	290492.75827	290492.75205	0.00622	0.05000	0.00000	
888:	41	29	12	40	29	11	290614.30976	290614.34789	-0.03813	0.05000	0.00000	
889:	41	8	34	40	7	33	290740.51794	290740.54839	-0.03045	0.05000	0.00000	
890:	41	28	13	40	28	12	290746.61699	290746.64455	-0.02756	0.05000	0.00000	
891:	48	0	48	47	0	47	290885.61987	290885.58336	0.03651	0.05000	0.00000	
892:	41	27	14	40	27	13	290891.42764	290891.39697	0.03067	0.05000	0.00000	
893:	58	4	54	58	3	55	290953.72534	290953.83944	-0.11410	0.05000	0.00000	
894:	41	26	15	40	26	14	291050.68778	291050.71929	-0.03151	0.05000	0.00000	
895:	41	25	16	40	25	15	291227.15182	291227.17946	-0.02764	0.05000	0.00000	
896:	41	24	17	40	24	16	291423.90425	291423.92547	-0.02122	0.05000	0.00000	
897:	40	12	29	39	12	28	291464.54789	291464.55873	-0.01084	0.05000	0.00000	
898:	41	23	18	40	23	17	291644.83948	291644.85640	-0.01692	0.05000	0.00000	
899:	49	2	47	48	2	46	308075.56762	308075.61735	-0.04973	0.05000	0.00000	
900:	43	18	26	42	18	25	308080.23249	308080.33818	-0.10569	0.05000	0.00000	
901:	50	1	49	49	1	48	308465.24988	308465.26977	-0.01989	0.05000	0.00000	
902:	43	17	26	42	17	25	308709.82397	308709.85166	-0.02769	0.05000	0.00000	308709.83852
903:	43	17	27	42	17	26	308709.82397	308709.82539	-0.00142	0.05000	0.00000	-0.01455 0.5000
904:	42	12	30	41	12	29	308754.65166	308754.66130	-0.00964	0.05000	0.00000	
905:	51	0	51	50	0	50	308864.46092	308864.47055	-0.00963	0.05000	0.00000	
906:	43	16	27	42	16	26	309479.42731	309479.61241	-0.18510	0.05000	0.00000	0.01668 0.5000
907:	43	16	28	42	16	27	309479.42731	309479.20885	0.21846	0.05000	0.00000	0.01668 0.5000
908:	35	9	27	34	8	26	309537.72451	309537.85882	-0.13431	0.05000	0.00000	
909:	52	23	29	52	22	30	309667.38808	309667.39785	-0.00977	0.05000	0.00000	
910:	58	2	56	58	1	57	309745.15300	309745.23746	-0.08446	0.05000	0.00000	
911:	21	12	9	20	11	10	310263.03999	310262.99960	0.04039	0.05000	0.00000	
912:	17	14	4	16	13	3	310274.44881	310274.36486	0.08395	0.05000	0.00000	
913:	19	13	7	18	12	6	310320.55543	310320.59839	-0.04296	0.05000	0.00000	
914:	43	15	29	42	15	28	310441.19092	310441.23593	-0.04501	0.05000	0.00000	
915:	43	15	28	42	15	27	310446.43775	310446.42794	0.00981	0.05000	0.00000	
916:	50	23	27	50	22	28	310673.62651	310673.60037	0.02614	0.05000	0.00000	
917:	49	23	26	49	22	27	311131.58906	311131.57081	0.01825	0.05000	0.00000	
918:	44	37	7	43	37	6	311170.60530	311170.65780	-0.05250	0.05000	0.00000	
919:	41	10	31	40	10	30	311197.50228	311197.50879	-0.00651	0.05000	0.00000	
920:	44	36	8	43	36	7	311262.46465	311262.53649	-0.07184	0.05000	0.00000	
921:	67	7	60	67	6	61	311336.20060	311336.16291	0.03769	0.05000	0.00000	
922:	44	35	9	43	35	8	311359.56277	311359.55549	0.00728	0.05000	0.00000	
923:	44	8	36	43	9	35	311421.93393	311421.86891	0.06502	0.05000	0.00000	
924:	44	34	10	43	34	9	311462.37545	311462.42211	-0.04666	0.05000	0.00000	
925:	48	23	25	48	22	26	311561.44348	311561.43342	0.01006	0.05000	0.00000	
926:	44	33	11	43	33	10	311571.96294	311571.95463	0.00831	0.05000	0.00000	
927:	43	9	35	42	8	34	311653.39563	311653.41681	-0.02118	0.05000	0.00000	
928:	43	14	30	42	14	29	311668.82513	311668.80998	0.01515	0.05000	0.00000	
929:	44	32	12	43	32	11	311689.08988	311689.10425	-0.01467	0.05000	0.00000	
930:	60	3	57	60	2	58	311702.60593	311702.62445	-0.01852	0.05000	0.00000	
931:	43	14	29	42	14	28	311723.53512	311723.52874	0.00638	0.05000	0.00000	
932:	44	31	13	43	31	12	311814.95168	311814.98230	-0.03062	0.05000	0.00000	
933:	44	30	14	43	30	13	311950.75918	311950.89450	-0.13532	0.05000	0.00000	
934:	47	23	24	47	22	25	311964.54037	311964.57975	-0.03938	0.05000	0.00000	

984:	44	19	26	43	19	25	314909.72954	314909.75789	-0.02835	0.10000	0.00000	314909.75798	-0.02844	0.5000
985:	36	23	14	36	22	15	314975.11704	314975.06223	0.05481	0.10000	0.00000	314975.06223	0.05481	0.5000
986:	36	23	13	36	22	14	314975.11704	314975.06223	0.05481	0.10000	0.00000	314975.06223	0.05481	0.5000
987:	35	23	12	35	22	13	315145.71289	315145.74736	-0.03447	0.10000	0.00000	315145.74736	-0.03447	0.5000
988:	35	23	13	35	22	14	315145.71289	315145.74736	-0.03447	0.10000	0.00000	315145.74736	-0.03447	0.5000
989:	34	23	12	34	22	13	315302.98539	315303.07614	-0.09075	0.10000	0.00000	315303.07614	-0.09075	0.5000
990:	34	23	11	34	22	12	315302.98539	315303.07614	-0.09075	0.10000	0.00000	315303.07614	-0.09075	0.5000
991:	44	18	26	43	18	25	315475.27693	315475.28326	-0.00633	0.10000	0.00000	315475.28160	-0.00467	0.5000
992:	44	18	27	43	18	26	315475.27693	315475.27994	-0.00301	0.10000	0.00000	315475.28160	-0.00467	0.5000
993:	44	17	28	43	17	27	316155.47851	316155.43239	0.04612	0.10000	0.00000	316155.46068	0.01783	0.5000
994:	44	17	27	43	17	26	316155.47851	316155.48898	-0.01047	0.10000	0.00000	316155.46068	0.01783	0.5000
995:	44	16	28	43	16	27	316989.95805	316990.35121	-0.39316	0.10000	0.00000	316989.94210	0.01595	0.5000
996:	44	16	29	43	16	28	316989.95805	316989.53299	0.42506	0.10000	0.00000	316989.94210	0.01595	0.5000
997:	22	12	10	21	11	11	317261.45835	317261.40605	0.05231	0.10000	0.00000	317261.39978	0.05857	0.5000
998:	22	12	11	21	11	10	317261.45835	317261.39351	0.06484	0.10000	0.00000	317261.39978	0.05857	0.5000
999:	16	15	1	15	14	2	317265.41260	317265.32091	0.09170	0.10000	0.00000	317265.32091	0.09170	0.5000
1000:	16	15	2	15	14	1	317265.41260	317265.32091	0.09170	0.10000	0.00000	317265.32091	0.09170	0.5000
1001:	18	14	5	17	13	4	317340.94254	317340.84001	0.10254	0.10000	0.00000	317340.84001	0.10254	0.5000
1002:	18	14	4	17	13	5	317340.94254	317340.84001	0.10254	0.10000	0.00000	317340.84001	0.10254	0.5000
1003:	20	13	8	19	12	7	317366.89042	317366.84672	0.04370	0.10000	0.00000	317366.84673	0.04369	0.5000
1004:	20	13	7	19	12	8	317366.89042	317366.84674	0.04368	0.10000	0.00000	317366.84673	0.04369	0.5000
1005:	43	12	31	42	12	30	317395.36952	317395.34604	0.02348	0.10000	0.00000	317395.34604	0.02348	0.5000
1006:	44	15	30	43	15	29	318036.45656	318036.43121	0.02535	0.10000	0.00000	318036.43121	0.02535	0.5000
1007:	44	15	29	43	15	28	318046.38703	318046.31624	0.07079	0.10000	0.00000	318046.31624	0.07079	0.5000
1008:	44	10	35	43	10	34	318699.66738	318699.65491	0.01248	0.10000	0.00000	318699.65491	0.01248	0.5000
1009:	43	9	34	42	9	33	318750.71774	318750.72857	-0.01083	0.10000	0.00000	318750.72857	-0.01083	0.5000
1010:	47	7	41	46	7	40	318920.69559	318920.66350	0.03209	0.10000	0.00000	318920.66350	0.03209	0.5000
1011:	47	6	41	46	6	40	318923.06565	318922.98753	0.07812	0.10000	0.00000	318922.98753	0.07812	0.5000
1012:	46	7	39	45	7	38	319013.01667	319012.72943	0.28724	0.10000	0.00000	319012.72943	0.28724	0.5000
1013:	48	6	43	47	6	42	319077.22062	319077.17413	0.04649	0.10000	0.00000	319077.17413	0.04649	0.5000
1014:	48	5	43	47	5	42	319077.22062	319077.25170	-0.03107	0.10000	0.00000	319077.25170	-0.03107	0.5000
1015:	48	6	43	47	5	42	319077.22062	319077.34310	-0.12248	0.10000	0.00000	319077.34310	-0.12248	0.5000
1016:	48	5	43	47	6	42	319077.22062	319077.08273	0.13790	0.10000	0.00000	319077.08273	0.13790	0.5000
1017:	42	10	32	41	10	31	319085.64556	319085.73033	-0.08477	0.10000	0.00000	319085.73033	-0.08477	0.5000
1018:	45	30	15	44	30	14	319113.14653	319113.07330	0.07323	0.10000	0.00000	319113.07330	0.07323	0.5000
1019:	45	30	16	44	30	15	319113.14653	319113.07330	0.07323	0.10000	0.00000	319113.07330	0.07323	0.5000
1020:	45	9	37	44	9	36	319205.70273	319205.58311	0.11962	0.10000	0.00000	319205.58311	0.11962	0.5000
1021:	45	29	17	44	29	16	319270.04741	319270.01094	0.03647	0.10000	0.00000	319270.01094	0.03647	0.5000
1022:	45	29	16	44	29	15	319270.04741	319270.01094	0.03647	0.10000	0.00000	319270.01094	0.03647	0.5000
1023:	49	4	45	48	5	44	319348.90620	319348.88074	0.02545	0.10000	0.00000	319348.88367	0.02253	0.2500
1024:	49	5	45	48	5	44	319348.90620	319348.88275	0.02344	0.10000	0.00000	319348.88367	0.02253	0.2500
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1027:	44	14	31	43	14	30	319370.67462	319370.65605	0.01857	0.10000	0.00000	319370.65605	0.01857	0.5000
1028:	44	14	30	43	14	29	319467.96571	319468.02243	-0.05672	0.10000	0.00000	319468.02243	-0.05672	0.5000
1029:	45	27	18	44	27	17	319629.47812	319629.50125	-0.02313	0.10000	0.00000	319629.50125	-0.02313	0.5000
1030:	45	27	19	44	27	18	319629.47812	319629.50125	-0.02313	0.10000	0.00000	319629.50125	-0.02313	0.5000
1031:	50	3	47	49	4	46	319685.01480	319685.01293	0.00187	0.10000	0.00000	319685.01298	0.00183	0.2500
1032:	50	4	47	49	4	46	319685.01480	319685.01296	0.00184	0.10000	0.00000	319685.01298	0.00183	0.2500

1033:	50	4	47	49	3	46	319685.01480	319685.01302	0.00178	0.10000	0.00000	319685.01298	0.00183	0.2500
1034:	50	3	47	49	3	46	319685.01480	319685.01299	0.00181	0.10000	0.00000	319685.01298	0.00183	0.2500
1035:	45	26	20	44	26	19	319837.31017	319837.28054	0.02963	0.10000	0.00000	319837.28054	0.02963	0.5000
1036:	45	26	19	44	26	18	319837.31017	319837.28054	0.02963	0.10000	0.00000	319837.28054	0.02963	0.5000
1037:	45	8	37	44	8	36	319882.84227	319882.86527	-0.02300	0.10000	0.00000			
1038:	51	2	49	50	2	48	320057.08233	320057.04625	0.03609	0.10000	0.00000	320057.04624	0.03609	0.2500
1039:	51	2	49	50	3	48	320057.08233	320057.04624	0.03609	0.10000	0.00000	320057.04624	0.03609	0.2500
1040:	51	3	49	50	2	48	320057.08233	320057.04625	0.03609	0.10000	0.00000	320057.04624	0.03609	0.2500
1041:	51	3	49	50	3	48	320057.08233	320057.04624	0.03609	0.10000	0.00000	320057.04624	0.03609	0.2500
1042:	45	25	21	44	25	20	320068.25530	320068.19198	0.06332	0.10000	0.00000	320068.19198	0.06332	0.5000
1043:	45	25	20	44	25	19	320068.25530	320068.19198	0.06332	0.10000	0.00000	320068.19198	0.06332	0.5000
1044:	45	24	22	44	24	21	320326.54089	320326.53516	0.00573	0.10000	0.00000	320326.53516	0.00573	0.5000
1045:	45	24	21	44	24	20	320326.54089	320326.53516	0.00573	0.10000	0.00000	320326.53516	0.00573	0.5000
1046:	52	1	51	51	1	50	320448.09015	320448.11273	-0.02258	0.10000	0.00000	320448.11273	-0.02258	0.2500
1047:	52	1	51	51	2	50	320448.09015	320448.11273	-0.02258	0.10000	0.00000	320448.11273	-0.02258	0.2500
1048:	52	2	51	51	1	50	320448.09015	320448.11273	-0.02258	0.10000	0.00000	320448.11273	-0.02258	0.2500
1049:	52	2	51	51	2	50	320448.09015	320448.11273	-0.02258	0.10000	0.00000	320448.11273	-0.02258	0.2500
1050:	45	23	23	44	23	22	320617.66325	320617.66978	-0.00653	0.10000	0.00000	320617.66978	-0.00653	0.5000
1051:	45	23	22	44	23	21	320617.66325	320617.66978	-0.00653	0.10000	0.00000	320617.66978	-0.00653	0.5000
1052:	53	0	53	52	0	52	320847.78079	320847.78395	-0.00316	0.10000	0.00000	320847.78395	-0.00316	0.2500
1053:	53	0	53	52	1	52	320847.78079	320847.78395	-0.00316	0.10000	0.00000	320847.78395	-0.00316	0.2500
1054:	53	1	53	52	0	52	320847.78079	320847.78395	-0.00316	0.10000	0.00000	320847.78395	-0.00316	0.2500
1055:	53	1	53	52	1	52	320847.78079	320847.78395	-0.00316	0.10000	0.00000	320847.78395	-0.00316	0.2500
1056:	45	22	24	44	22	23	320948.38545	320948.36647	0.01898	0.10000	0.00000	320948.36647	0.01898	0.5000
1057:	45	22	23	44	22	22	320948.38545	320948.36647	0.01898	0.10000	0.00000	320948.36647	0.01898	0.5000
1058:	44	13	32	43	13	31	320977.35764	320977.30738	0.05026	0.10000	0.00000			
1059:	45	21	25	44	21	24	321327.28679	321327.31268	-0.02589	0.10000	0.00000	321327.31268	-0.02589	0.5000
1060:	45	21	24	44	21	23	321327.28679	321327.31268	-0.02589	0.10000	0.00000	321327.31268	-0.02589	0.5000
1061:	44	13	31	43	13	30	321724.82462	321724.84110	-0.01649	0.10000	0.00000			
1062:	45	20	25	44	20	24	321765.86410	321765.86429	-0.00019	0.10000	0.00000	321765.86428	-0.00018	0.5000
1063:	45	20	26	44	20	25	321765.86410	321765.86427	-0.00017	0.10000	0.00000	321765.86428	-0.00018	0.5000
1064:	44	11	34	43	11	33	321954.31768	321954.30516	0.01252	0.10000	0.00000			
1065:	45	19	26	44	19	25	322279.21260	322279.20529	0.00731	0.10000	0.00000	322279.20509	0.00751	0.5000
1066:	45	19	27	44	19	26	322279.21260	322279.20489	0.00771	0.10000	0.00000	322279.20509	0.00751	0.5000
1067:	45	18	27	44	18	26	322888.25259	322888.22428	0.02831	0.10000	0.00000	322888.22057	0.03202	0.5000
1068:	45	18	28	44	18	27	322888.25259	322888.21685	0.03573	0.10000	0.00000	322888.22057	0.03202	0.5000
1069:	45	17	28	44	17	27	323622.68551	323622.77152	-0.08601	0.10000	0.00000			
1070:	44	9	35	43	9	34	323716.66706	323716.70629	-0.03922	0.10000	0.00000			
1071:	43	11	32	42	11	31	324037.64887	324037.87103	-0.22216	0.10000	0.00000			
1072:	23	12	11	22	11	12	324239.98772	324240.09152	-0.10380	0.10000	0.00000	324240.07288	-0.08516	0.5000
1073:	23	12	12	22	11	11	324239.98772	324240.05424	-0.06652	0.10000	0.00000	324240.07288	-0.08516	0.5000
1074:	19	14	5	18	13	6	324402.95497	324402.83866	0.11632	0.10000	0.00000	324403.03558	-0.08060	0.2500
1075:	19	14	6	18	13	5	324402.95497	324402.83866	0.11632	0.10000	0.00000	324403.03558	-0.08060	0.2500
1076:	21	13	9	20	12	8	324402.95497	324403.23245	-0.27748	0.10000	0.00000	324403.03558	-0.08060	0.2500
1077:	21	13	8	20	12	9	324402.95497	324403.23254	-0.27757	0.10000	0.00000	324403.03558	-0.08060	0.2500
1078:	45	16	30	44	16	29	324526.25559	324526.55603	-0.30044	0.10000	0.00000			
1079:	45	16	29	44	16	28	324528.19545	324528.17977	0.01569	0.10000	0.00000			
1080:	48	7	42	47	7	41	324880.63623	324880.51328	0.12295	0.10000	0.00000			
1081:	48	6	42	47	6	41	324881.76208	324881.82947	-0.06739	0.10000	0.00000			

1082:	47	8	40	46	8	39	324893.75669	324893.76025	-0.00356	0.10000	0.00000	0.00000	-0.01504	0.2500
1083:	47	7	40	46	7	39	324922.84860	324922.82056	0.02804	0.10000	0.00000	0.00000	-0.01504	0.2500
1084:	45	10	36	44	10	35	324965.25122	324965.38055	-0.12933	0.10000	0.00000	0.00000	-0.01504	0.2500
1085:	49	5	44	48	6	43	325053.78823	325053.73295	0.05528	0.10000	0.00000	0.00000	-0.01504	0.2500
1086:	49	6	44	48	6	43	325053.78823	325053.78219	0.00603	0.10000	0.00000	0.00000	-0.01504	0.2500
1087:	49	5	44	48	5	43	325053.78823	325053.82435	-0.03612	0.10000	0.00000	0.00000	-0.01504	0.2500
1088:	49	6	44	48	5	43	325053.78823	325053.87360	-0.08537	0.10000	0.00000	0.00000	-0.01504	0.2500
1089:	46	9	38	45	9	37	325140.28566	325140.27011	0.01554	0.10000	0.00000	0.00000	-0.02673	0.2500
1090:	50	5	46	49	5	45	325333.46414	325333.49039	-0.02625	0.10000	0.00000	0.00000	-0.02673	0.2500
1091:	50	4	46	49	4	45	325333.46414	325333.49135	-0.02721	0.10000	0.00000	0.00000	-0.02673	0.2500
1092:	50	5	46	49	4	45	325333.46414	325333.49240	-0.02826	0.10000	0.00000	0.00000	-0.02673	0.2500
1093:	50	4	46	49	5	45	325333.46414	325333.48934	-0.02520	0.10000	0.00000	0.00000	-0.02673	0.2500
1094:	46	8	38	45	8	37	325574.73470	325574.63768	0.09703	0.10000	0.00000	0.00000	-0.02673	0.2500
1095:	45	15	31	44	15	30	325665.03330	325664.98710	0.04620	0.10000	0.00000	0.00000	-0.13100	0.2500
1096:	51	3	48	50	3	47	325673.21048	325673.34148	-0.13101	0.10000	0.00000	0.00000	-0.13100	0.2500
1097:	51	3	48	50	4	47	325673.21048	325673.34145	-0.13098	0.10000	0.00000	0.00000	-0.13100	0.2500
1098:	51	4	48	50	4	47	325673.21048	325673.34147	-0.13099	0.10000	0.00000	0.00000	-0.13100	0.2500
1099:	51	4	48	50	3	47	325673.21048	325673.34150	-0.13102	0.10000	0.00000	0.00000	-0.13100	0.2500
1100:	45	15	30	44	15	29	325683.38576	325683.41395	-0.02819	0.10000	0.00000	0.00000	0.25531	0.5000
1101:	46	34	13	45	34	12	325730.26150	325730.00619	0.25531	0.10000	0.00000	0.00000	0.25531	0.5000
1102:	46	34	12	45	34	11	325730.26150	325730.00619	0.25531	0.10000	0.00000	0.00000	0.09820	0.5000
1103:	46	33	14	45	33	13	325853.12140	325853.02320	0.09820	0.10000	0.00000	0.00000	0.09820	0.5000
1104:	46	33	13	45	33	12	325853.12140	325853.02320	0.09820	0.10000	0.00000	0.00000	0.05924	0.5000
1105:	46	32	15	45	32	14	325984.89462	325984.83538	0.05924	0.10000	0.00000	0.00000	0.05924	0.5000
1106:	46	32	14	45	32	13	325984.89462	325984.83538	0.05924	0.10000	0.00000	0.00000	0.00167	0.2500
1107:	52	2	50	51	2	49	326047.01691	326047.01524	0.00167	0.10000	0.00000	0.00000	0.00167	0.2500
1108:	52	2	50	51	3	49	326047.01691	326047.01524	0.00167	0.10000	0.00000	0.00000	0.00167	0.2500
1109:	52	3	50	51	2	49	326047.01691	326047.01524	0.00167	0.10000	0.00000	0.00000	0.00167	0.2500
1110:	52	3	50	51	3	49	326047.01691	326047.01524	0.00167	0.10000	0.00000	0.00000	-0.06857	0.5000
1111:	46	31	16	45	31	15	326126.65190	326126.72048	-0.06857	0.10000	0.00000	0.00000	-0.06857	0.5000
1112:	46	31	15	45	31	14	326126.65190	326126.72048	-0.06857	0.10000	0.00000	0.00000	-0.12698	0.5000
1113:	46	30	17	45	30	16	326280.05419	326280.18117	-0.12698	0.10000	0.00000	0.00000	-0.12698	0.5000
1114:	46	30	16	45	30	15	326280.05419	326280.18117	-0.12698	0.10000	0.00000	0.00000	-0.12698	0.5000
1115:	44	12	32	43	12	31	326307.27503	326307.26038	0.01465	0.10000	0.00000	0.00000	-0.00003	0.2500
1116:	53	1	52	52	1	51	326438.73126	326438.73129	-0.00003	0.10000	0.00000	0.00000	-0.00003	0.2500
1117:	53	1	52	52	2	51	326438.73126	326438.73129	-0.00003	0.10000	0.00000	0.00000	-0.00003	0.2500
1118:	53	2	52	52	1	51	326438.73126	326438.73129	-0.00003	0.10000	0.00000	0.00000	-0.00003	0.2500
1119:	53	2	52	52	2	51	326438.73126	326438.73129	-0.00003	0.10000	0.00000	0.00000	0.04534	0.5000
1120:	46	29	18	45	29	17	326447.04096	326446.99561	0.04534	0.10000	0.00000	0.00000	0.04534	0.5000
1121:	46	29	17	45	29	16	326447.04096	326446.99561	0.04534	0.10000	0.00000	0.00000	0.17492	0.5000
1122:	46	28	18	45	28	17	326629.45707	326629.28215	0.17492	0.10000	0.00000	0.00000	0.17492	0.5000
1123:	46	28	19	45	28	18	326629.45707	326629.28215	0.17492	0.10000	0.00000	0.00000	-0.01208	0.5000
1124:	46	27	20	45	27	19	326829.57120	326829.58327	-0.01208	0.10000	0.00000	0.00000	-0.01208	0.5000
1125:	46	27	19	45	27	18	326829.57120	326829.58327	-0.01208	0.10000	0.00000	0.00000	0.02733	0.2500
1126:	54	0	54	53	0	53	326838.65357	326838.62624	0.02733	0.10000	0.00000	0.00000	0.02733	0.2500
1127:	54	0	54	53	1	53	326838.65357	326838.62624	0.02733	0.10000	0.00000	0.00000	0.02733	0.2500
1128:	54	1	54	53	0	53	326838.65357	326838.62624	0.02733	0.10000	0.00000	0.00000	0.02733	0.2500
1129:	54	1	54	53	1	53	326838.65357	326838.62624	0.02733	0.10000	0.00000	0.00000	0.02733	0.2500
1130:	46	26	21	45	26	20	327050.96994	327050.97577	-0.00583	0.10000	0.00000	0.00000	-0.00583	0.5000

1131:	46	26	20	45	26	19	327050.96994	327050.97577	-0.00583	0.10000	0.00000	327050.97577	-0.00583	0.5000
1132:	45	14	32	44	14	31	327108.75940	327108.73024	0.02916	0.10000	0.00000			
1133:	46	25	21	45	25	20	327297.22329	327297.21755	0.00574	0.10000	0.00000	327297.21755	0.00574	0.5000
1134:	46	25	22	45	25	21	327297.22329	327297.21755	0.00574	0.10000	0.00000	327297.21755	0.00574	0.5000
1135:	46	24	23	45	24	22	327572.94692	327572.94653	0.00040	0.10000	0.00000	327572.94653	0.00040	0.5000
1136:	46	24	22	45	24	21	327572.94692	327572.94653	0.00040	0.10000	0.00000	327572.94653	0.00040	0.5000
1137:	46	23	24	45	23	23	327883.90731	327883.95521	-0.04790	0.10000	0.00000	327883.95521	-0.04790	0.5000
1138:	46	23	24	45	23	22	327883.90731	327883.95521	-0.04790	0.10000	0.00000	327883.95521	-0.04790	0.5000
1139:	46	22	24	45	22	23	328237.59486	328237.57875	0.01611	0.10000	0.00000	328237.57875	0.01611	0.5000
1140:	46	22	25	45	22	24	328237.59486	328237.57875	0.01611	0.10000	0.00000	328237.57875	0.01611	0.5000
1141:	46	21	26	45	21	25	328643.26213	328643.25770	0.00442	0.10000	0.00000	328643.25770	0.00442	0.5000
1142:	46	21	25	45	21	24	328643.26213	328643.25770	0.00442	0.10000	0.00000	328643.25770	0.00442	0.5000
1143:	45	9	36	44	9	35	328693.92075	328693.89338	0.02737	0.10000	0.00000			
1144:	45	13	33	44	13	32	328769.55745	328769.47135	0.08611	0.10000	0.00000			
1145:	45	11	35	44	11	34	328885.13286	328885.13188	0.00098	0.10000	0.00000			
1146:	46	20	26	45	20	25	329113.43861	329113.38123	0.05738	0.10000	0.00000	329113.38120	0.05741	0.5000
1147:	46	20	27	45	20	26	329113.43861	329113.38118	0.05743	0.10000	0.00000	329113.38120	0.05741	0.5000
1148:	46	19	27	45	19	26	329664.54917	329664.60110	-0.05193	0.10000	0.00000	329664.60065	-0.05148	0.5000
1149:	46	19	28	45	19	27	329664.54917	329664.60019	-0.05102	0.10000	0.00000	329664.60065	-0.05148	0.5000
1150:	45	12	34	44	12	33	329886.45788	329886.46656	-0.00869	0.10000	0.00000			
1151:	46	18	28	45	18	27	330319.99111	330319.98840	0.00270	0.10000	0.00000	330319.98029	0.01081	0.5000
1152:	46	18	29	45	18	28	330319.99111	330319.97218	0.01892	0.10000	0.00000	330319.98029	0.01081	0.5000
1153:	48	8	41	47	8	40	330826.86850	330826.92802	-0.05953	0.10000	0.00000			
1154:	49	7	43	48	7	42	330842.52253	330842.44952	0.17300	0.10000	0.00000			
1155:	49	6	43	48	6	42	330843.31711	330843.19045	0.12665	0.10000	0.00000			
1156:	48	7	41	47	7	40	330844.35439	330844.10191	0.25249	0.10000	0.00000			
1157:	50	6	45	49	6	44	331030.95184	331030.93681	0.01503	0.10000	0.00000	331030.94821	0.00363	0.2500
1158:	50	5	45	49	6	44	331030.95184	331030.91038	0.04147	0.10000	0.00000	331030.94821	0.00363	0.2500
1159:	50	5	45	49	5	44	331030.95184	331030.95962	-0.00778	0.10000	0.00000	331030.94821	0.00363	0.2500
1160:	50	6	45	49	5	44	331030.95184	331030.98605	-0.03421	0.10000	0.00000	331030.94821	0.00363	0.2500
1161:	47	9	39	46	9	38	331058.83676	331058.78524	0.05153	0.10000	0.00000			
1162:	46	17	29	45	17	28	331112.80154	331112.87331	-0.07177	0.10000	0.00000	331112.75036	0.05118	0.5000
1163:	46	17	30	45	17	29	331112.80154	331112.62741	0.17413	0.10000	0.00000	331112.75036	0.05118	0.5000
1164:	46	10	37	45	10	36	331118.96897	331118.93338	0.03558	0.10000	0.00000			
1165:	51	4	47	50	5	46	331317.95466	331317.96331	-0.00864	0.10000	0.00000	331317.96410	-0.00944	0.2500
1166:	51	5	47	50	5	46	331317.95466	331317.96385	-0.00919	0.10000	0.00000	331317.96410	-0.00944	0.2500
1167:	51	4	47	50	4	46	331317.95466	331317.96435	-0.00969	0.10000	0.00000	331317.96410	-0.00944	0.2500
1168:	51	5	47	50	4	46	331317.95466	331317.96490	-0.01024	0.10000	0.00000	331317.96410	-0.00944	0.2500
1169:	16	16	1	15	15	0	331323.05463	331323.02464	0.03000	0.10000	0.00000	331323.02464	0.03000	0.5000
1170:	16	16	0	15	15	1	331323.05463	331323.02464	0.03000	0.10000	0.00000	331323.02464	0.03000	0.5000
1171:	47	8	39	46	8	38	331333.16255	331333.14848	0.01407	0.10000	0.00000			
1172:	52	3	49	51	4	48	331661.26555	331661.25902	0.00654	0.10000	0.00000	331661.25903	0.00653	0.3333
1173:	52	4	49	51	4	48	331661.26555	331661.25903	0.00653	0.10000	0.00000	331661.25903	0.00653	0.3333
1174:	52	3	49	51	3	48	331661.26555	331661.25903	0.00652	0.10000	0.00000	331661.25903	0.00653	0.3333
1175:	53	2	51	52	2	50	332036.49854	332036.46796	0.03057	0.10000	0.00000	332036.46796	0.03057	0.2500
1176:	53	2	51	52	3	50	332036.49854	332036.46796	0.03057	0.10000	0.00000	332036.46796	0.03057	0.2500
1177:	53	3	51	52	2	50	332036.49854	332036.46796	0.03057	0.10000	0.00000	332036.46796	0.03057	0.2500
1178:	53	3	51	52	3	50	332036.49854	332036.46796	0.03057	0.10000	0.00000	332036.46796	0.03057	0.2500
1179:	47	20	27	46	20	26	336475.18667	336475.17764	0.00902	0.10000	0.00000	336475.17759	0.00908	0.5000

1180:	47	20	28	46	20	27	336475.18667	336475.17754	0.00913	0.10000	0.00000	336475.17759	0.00908	0.5000
1181:	46	13	34	45	13	33	336551.98302	336552.10629	-0.12327	0.10000	0.00000			
1182:	49	8	42	48	8	41	336763.80136	336763.76780	0.03356	0.10000	0.00000			
1183:	49	7	42	48	7	41	336773.99762	336773.83499	0.16263	0.10000	0.00000			
1184:	50	6	44	49	6	43	336806.35650	336806.60864	-0.25215	0.10000	0.00000	336806.40127	-0.04477	0.5000
1185:	50	7	44	49	7	43	336806.35650	336806.19390	0.16260	0.10000	0.00000	336806.40127	-0.04477	0.5000
1186:	48	9	40	47	9	39	336969.24056	336969.26687	-0.02631	0.10000	0.00000			
1187:	51	5	46	50	6	45	337008.51115	337008.49570	0.01545	0.10000	0.00000	337008.50922	0.00193	0.3333
1188:	51	6	46	50	6	45	337008.51115	337008.50983	0.00132	0.10000	0.00000	337008.50922	0.00193	0.3333
1189:	51	5	46	50	5	45	337008.51115	337008.52213	-0.01098	0.10000	0.00000	337008.50922	0.00193	0.3333
1190:	47	19	28	46	19	27	337066.62465	337066.60794	0.01672	0.10000	0.00000	337066.60690	0.01775	0.5000
1191:	47	19	29	46	19	28	337066.62465	337066.60586	0.01879	0.10000	0.00000	337066.60690	0.01775	0.5000
1192:	48	8	40	47	8	39	337140.27791	337140.27270	0.00520	0.10000	0.00000			
1193:	47	10	38	46	10	37	337183.69381	337183.63793	0.05588	0.10000	0.00000			
1194:	52	4	48	51	5	47	337302.24979	337302.25088	-0.00109	0.10000	0.00000	337302.25129	-0.00150	0.2500
1195:	52	5	48	51	5	47	337302.24979	337302.25116	-0.00137	0.10000	0.00000	337302.25129	-0.00150	0.2500
1196:	52	4	48	51	4	47	337302.24979	337302.25142	-0.00163	0.10000	0.00000	337302.25129	-0.00150	0.2500
1197:	52	5	48	51	4	47	337302.24979	337302.25171	-0.00191	0.10000	0.00000	337302.25129	-0.00150	0.2500
1198:	46	12	35	45	12	34	337335.44179	337335.36796	0.07383	0.10000	0.00000			
1199:	53	3	50	52	3	49	337648.73189	337648.74190	-0.01001	0.10000	0.00000	337648.74190	-0.01001	0.2500
1200:	53	3	50	52	4	49	337648.73189	337648.74189	-0.01000	0.10000	0.00000	337648.74190	-0.01001	0.2500
1201:	53	4	50	52	3	49	337648.73189	337648.74190	-0.01001	0.10000	0.00000	337648.74190	-0.01001	0.2500
1202:	53	4	50	52	4	49	337648.73189	337648.74190	-0.01000	0.10000	0.00000	337648.74190	-0.01001	0.2500
1203:	47	18	30	46	18	29	337771.46987	337771.43548	0.03438	0.10000	0.00000			
1204:	54	2	52	53	3	51	338025.42653	338025.39048	0.03605	0.10000	0.00000	338025.39048	0.03605	0.2500
1205:	54	3	52	53	2	51	338025.42653	338025.39048	0.03605	0.10000	0.00000	338025.39048	0.03605	0.2500
1206:	54	3	52	53	3	51	338025.42653	338025.39048	0.03605	0.10000	0.00000	338025.39048	0.03605	0.2500
1207:	54	2	52	53	2	51	338025.42653	338025.39048	0.03605	0.10000	0.00000	338025.39048	0.03605	0.2500
1208:	46	13	33	43	13	32	338415.79725	338415.81320	-0.01595	0.10000	0.00000			
1209:	55	1	54	54	1	53	338418.29967	338418.30738	-0.00771	0.10000	0.00000	338418.30738	-0.00771	0.2500
1210:	55	1	54	54	2	53	338418.29967	338418.30738	-0.00771	0.10000	0.00000	338418.30738	-0.00771	0.2500
1211:	55	2	54	54	1	53	338418.29967	338418.30738	-0.00771	0.10000	0.00000	338418.30738	-0.00771	0.2500
1212:	55	2	54	54	2	53	338418.29967	338418.30738	-0.00771	0.10000	0.00000	338418.30738	-0.00771	0.2500
1213:	23	13	10	22	12	11	338438.80787	338438.82244	-0.01456	0.10000	0.00000	338438.82190	-0.01403	0.5000
1214:	23	13	11	22	12	10	338438.80787	338438.82137	-0.01349	0.10000	0.00000	338438.82190	-0.01403	0.5000
1215:	19	15	5	18	14	4	338472.71301	338472.71511	-0.00210	0.10000	0.00000	338472.71511	-0.00210	0.5000
1216:	19	15	4	18	14	5	338472.71301	338472.71511	-0.00210	0.10000	0.00000	338472.71511	-0.00210	0.5000
1217:	21	14	8	20	13	7	338508.68366	338508.65016	0.03350	0.10000	0.00000	338508.65016	0.03350	0.5000
1218:	21	14	7	20	13	8	338508.68366	338508.65016	0.03350	0.10000	0.00000	338508.65016	0.03350	0.5000
1219:	47	17	30	46	17	29	338626.88243	338627.10076	-0.21833	0.10000	0.00000	338626.85239	0.03004	0.5000
1220:	47	17	31	46	17	30	338626.88243	338626.60402	0.27841	0.10000	0.00000	338626.85239	0.03004	0.5000
1221:	56	0	56	55	1	55	338818.63182	338818.63039	0.00143	0.10000	0.00000	338818.63039	0.00143	0.2500
1222:	56	0	56	55	1	55	338818.63182	338818.63039	0.00143	0.10000	0.00000	338818.63039	0.00143	0.2500
1223:	56	1	56	55	0	55	338818.63182	338818.63039	0.00143	0.10000	0.00000	338818.63039	0.00143	0.2500
1224:	56	1	56	55	1	55	338818.63182	338818.63039	0.00143	0.10000	0.00000	338818.63039	0.00143	0.2500
1225:	45	10	35	44	10	34	338930.11769	338930.06898	0.04870	0.10000	0.00000			
1226:	47	9	38	46	9	37	339029.51724	339029.51676	0.00048	0.10000	0.00000			
1227:	47	16	32	46	16	31	339687.18219	339687.17374	0.00844	0.10000	0.00000			
1228:	47	16	31	46	16	30	339693.20669	339693.18573	0.02095	0.10000	0.00000			

1229:	48 34 15 47 34 14	340012.28108	340012.34317	-0.06209	0.10000	0.00000	340012.34317	-0.06209	0.5000
1230:	48 34 14 47 34 13	340012.28108	340012.34317	-0.06209	0.10000	0.00000	340012.34317	-0.06209	0.5000
1231:	48 32 16 47 32 15	340297.76258	340297.76493	-0.00235	0.10000	0.00000	340297.76493	-0.00235	0.5000
1232:	48 32 17 47 32 16	340297.76258	340297.76493	-0.00235	0.10000	0.00000	340297.76493	-0.00235	0.5000
1233:	48 31 18 47 31 17	340457.06881	340457.07712	-0.00831	0.10000	0.00000	340457.07712	-0.00831	0.5000
1234:	48 31 17 47 31 16	340457.06881	340457.07712	-0.00831	0.10000	0.00000	340457.07712	-0.00831	0.5000
1235:	48 30 19 47 30 18	340629.63792	340629.66591	-0.02799	0.10000	0.00000	340629.66591	-0.02799	0.5000
1236:	48 30 18 47 30 17	340629.63792	340629.66591	-0.02799	0.10000	0.00000	340629.66591	-0.02799	0.5000
1237:	48 29 20 47 29 19	340817.55710	340817.57135	-0.01425	0.10000	0.00000	340817.57135	-0.01425	0.5000
1238:	48 29 19 47 29 18	340817.55710	340817.57135	-0.01425	0.10000	0.00000	340817.57135	-0.01425	0.5000
1239:	48 28 20 47 28 19	341023.30777	341023.22769	0.08008	0.10000	0.00000	341023.22769	0.08008	0.5000
1240:	48 28 21 47 28 20	341023.30777	341023.22769	0.08008	0.10000	0.00000	341023.22769	0.08008	0.5000
1241:	47 15 33 46 15 32	341028.30270	341028.29556	0.00714	0.10000	0.00000	341028.29556	0.00714	0.5000
1242:	47 15 32 46 15 31	341088.41923	341088.49150	-0.07227	0.10000	0.00000	341088.49150	-0.07227	0.5000
1243:	48 27 22 47 27 21	341249.53708	341249.56222	-0.02514	0.10000	0.00000	341249.56222	-0.02514	0.5000
1244:	48 27 21 47 27 20	341249.53708	341249.56222	-0.02514	0.10000	0.00000	341249.56222	-0.02514	0.5000
1245:	45 11 34 44 11 33	341609.96899	341609.72826	0.24073	0.10000	0.00000	341609.72826	0.24073	0.5000
1246:	48 24 25 47 24 24	342092.40237	342092.37217	0.03020	0.10000	0.00000	342092.37217	0.03020	0.5000
1247:	48 24 24 47 24 23	342092.40237	342092.37217	0.03020	0.10000	0.00000	342092.37217	0.03020	0.5000
1248:	47 11 37 46 11 36	342219.57714	342219.54640	0.03075	0.10000	0.00000	342219.54640	0.03075	0.5000
1249:	48 23 25 47 23 24	342446.21118	342446.19726	0.01391	0.10000	0.00000	342446.19726	0.01391	0.5000
1250:	48 23 26 47 23 25	342446.21118	342446.19726	0.01391	0.10000	0.00000	342446.19726	0.01391	0.5000
1251:	47 14 34 46 14 33	342681.67099	342681.59218	0.07881	0.10000	0.00000	342681.59218	0.07881	0.5000
1252:	50 7 43 49 7 42	342710.15244	342710.09147	0.06097	0.10000	0.00000	342710.09147	0.06097	0.5000
1253:	51 6 45 50 6 44	342771.61589	342771.71749	-0.10160	0.10000	0.00000	342771.60203	0.01386	0.5000
1254:	51 7 45 50 7 44	342771.61589	342771.48656	0.12933	0.10000	0.00000	342771.60203	0.01386	0.5000
1255:	48 22 26 47 22 26	342849.34662	342849.34359	0.00302	0.10000	0.00000	342849.34359	0.00302	0.5000
1256:	48 22 26 47 22 25	342849.34662	342849.34359	0.00302	0.10000	0.00000	342849.34359	0.00302	0.5000
1257:	49 9 41 48 9 40	342877.25816	342877.21861	0.03955	0.10000	0.00000	342877.21861	0.03955	0.5000
1258:	49 8 41 48 8 40	342982.55497	342982.55059	0.00437	0.10000	0.00000	342982.55059	0.00437	0.5000
1259:	52 5 47 51 6 46	342986.40776	342986.38036	0.02739	0.10000	0.00000	342986.39120	0.01656	0.2500
1260:	52 6 47 51 6 46	342986.40776	342986.38790	0.01986	0.10000	0.00000	342986.39120	0.01656	0.2500
1261:	52 5 47 51 5 46	342986.40776	342986.39450	0.01326	0.10000	0.00000	342986.39120	0.01656	0.2500
1262:	52 6 47 51 5 46	342986.40776	342986.40203	0.00573	0.10000	0.00000	342986.39120	0.01656	0.2500
1263:	47 14 33 46 14 32	343162.29272	343162.31559	-0.02287	0.10000	0.00000	343162.31559	-0.02287	0.5000
1264:	48 10 39 47 10 38	343181.77146	343181.68193	0.06953	0.10000	0.00000	343181.68193	0.06953	0.5000
1265:	53 5 49 52 5 48	343286.28520	343286.30532	-0.02012	0.10000	0.00000	343286.30539	-0.02019	0.2500
1266:	53 4 49 52 4 48	343286.28520	343286.30546	-0.02026	0.10000	0.00000	343286.30539	-0.02019	0.2500
1267:	53 5 49 52 4 48	343286.28520	343286.30561	-0.02040	0.10000	0.00000	343286.30539	-0.02019	0.2500
1268:	53 4 49 52 5 48	343286.28520	343286.30518	-0.01997	0.10000	0.00000	343286.30539	-0.02019	0.2500
1269:	48 21 27 47 21 26	343312.76430	343312.95766	-0.19336	0.10000	0.00000	343312.95766	-0.19336	0.5000
1270:	48 21 28 47 21 27	343312.76430	343312.95765	-0.19335	0.10000	0.00000	343312.95766	-0.19336	0.5000
1271:	54 3 51 53 4 50	343635.77063	343635.76782	0.00282	0.10000	0.00000	343635.76782	0.00282	0.2500
1272:	54 4 51 53 3 50	343635.77063	343635.76782	0.00281	0.10000	0.00000	343635.76782	0.00282	0.2500
1273:	54 4 51 53 4 50	343635.77063	343635.76782	0.00282	0.10000	0.00000	343635.76782	0.00282	0.2500
1274:	54 3 51 53 3 50	343635.77063	343635.76782	0.00281	0.10000	0.00000	343635.76782	0.00282	0.2500
1275:	48 20 28 47 20 27	343851.79686	343851.79786	-0.00100	0.10000	0.00000	343851.79773	-0.00087	0.5000
1276:	48 20 29 47 20 28	343851.79686	343851.79761	-0.00074	0.10000	0.00000	343851.79773	-0.00087	0.5000
1277:	55 2 53 54 2 52	344013.83128	344013.76922	0.06206	0.10000	0.00000	344013.76922	0.06206	0.2500

1278:	55	2	53	54	3	52	344013.83128	344013.76922	0.06206	0.10000	0.00000	344013.76922	0.06206	0.2500
1279:	55	3	53	54	2	52	344013.83128	344013.76922	0.06206	0.10000	0.00000	344013.76922	0.06206	0.2500
1280:	55	3	53	54	3	52	344013.83128	344013.76922	0.06206	0.10000	0.00000	344013.76922	0.06206	0.2500
1281:	47	13	35	46	13	34	344303.06167	344302.97178	0.08989	0.10000	0.00000			
1282:	56	1	55	55	1	54	344407.23326	344407.24304	-0.00978	0.10000	0.00000	344407.24304	-0.00978	0.2500
1283:	56	1	55	55	2	54	344407.23326	344407.24304	-0.00978	0.10000	0.00000	344407.24304	-0.00978	0.2500
1284:	56	2	55	55	1	54	344407.23326	344407.24304	-0.00978	0.10000	0.00000	344407.24304	-0.00978	0.2500
1285:	56	2	55	55	2	54	344407.23326	344407.24304	-0.00978	0.10000	0.00000	344407.24304	-0.00978	0.2500
1286:	48	9	39	47	9	38	344426.90473	344427.01095	-0.10622	0.10000	0.00000			
1287:	48	19	29	47	19	28	344485.94454	344485.93549	0.00905	0.10000	0.00000	344485.93319	0.01135	0.5000
1288:	48	19	30	47	19	29	344485.94454	344485.93090	0.01364	0.10000	0.00000	344485.93319	0.01135	0.5000
1289:	47	12	36	46	12	35	344642.33648	344642.34426	-0.00778	0.10000	0.00000			
1290:	57	0	57	56	0	56	344807.78603	344807.77162	0.01441	0.10000	0.00000	344807.77162	0.01441	0.2500
1291:	57	0	57	56	1	56	344807.78603	344807.77162	0.01441	0.10000	0.00000	344807.77162	0.01441	0.2500
1292:	57	1	57	56	0	56	344807.78603	344807.77162	0.01441	0.10000	0.00000	344807.77162	0.01441	0.2500
1293:	57	1	57	56	1	56	344807.78603	344807.77162	0.01441	0.10000	0.00000	344807.77162	0.01441	0.2500
1294:	48	18	30	47	18	29	345243.62954	345243.64399	-0.01445	0.10000	0.00000	345243.60767	0.02187	0.5000
1295:	48	18	31	47	18	30	345243.62954	345243.57135	0.05819	0.10000	0.00000	345243.60767	0.02187	0.5000
1296:	24	13	11	23	12	12	345433.78740	345433.78812	-0.00072	0.10000	0.00000	345433.78643	0.00097	0.5000
1297:	24	13	12	23	12	11	345433.78740	345433.78474	0.00266	0.10000	0.00000	345433.78643	0.00097	0.5000
1298:	49	10	39	48	11	38	345461.66737	345461.66532	0.00205	0.10000	0.00000			
1299:	18	16	3	17	15	2	345465.93620	345465.93351	0.00269	0.10000	0.00000	345465.93351	0.00269	0.5000
1300:	18	16	2	17	15	3	345465.93620	345465.93351	0.00269	0.10000	0.00000	345465.93351	0.00269	0.5000
1301:	20	15	6	19	14	5	345535.16427	345535.17601	-0.01174	0.10000	0.00000	345535.17601	-0.01174	0.5000
1302:	20	15	5	19	14	6	345535.16427	345535.17601	-0.01174	0.10000	0.00000	345535.17601	-0.01174	0.5000
1303:	22	14	9	21	13	8	345549.79044	345549.80599	-0.01555	0.10000	0.00000	345549.80599	-0.01555	0.5000
1304:	22	14	8	21	13	9	345549.79044	345549.80600	-0.01556	0.10000	0.00000	345549.80599	-0.01556	0.5000
1305:	47	13	34	46	13	33	347115.03819	347115.18535	-0.14716	0.10000	0.00000			
1306:	49	33	17	48	33	16	347304.62074	347304.69862	-0.07789	0.10000	0.00000	347304.69862	-0.07789	0.5000
1307:	49	33	16	48	33	15	347304.62074	347304.69862	-0.07789	0.10000	0.00000	347304.69862	-0.07789	0.5000
1308:	48	16	33	47	16	32	347314.24481	347314.22098	0.02383	0.10000	0.00000			
1309:	48	16	32	47	16	31	347325.48319	347325.44970	0.03349	0.10000	0.00000			
1310:	49	29	21	48	29	20	348011.48014	348011.43390	0.04625	0.10000	0.00000	348011.43390	0.04625	0.5000
1311:	49	29	20	48	29	19	348011.48014	348011.43390	0.04625	0.10000	0.00000	348011.43390	0.04625	0.5000
1312:	49	28	22	48	28	21	348229.52463	348229.55891	-0.03427	0.10000	0.00000	348229.55891	-0.03427	0.5000
1313:	49	28	21	48	28	20	348229.52463	348229.55891	-0.03427	0.10000	0.00000	348229.55891	-0.03427	0.5000
1314:	49	27	23	48	27	22	348469.85665	348469.79968	0.05696	0.10000	0.00000	348469.79968	0.05696	0.5000
1315:	49	27	22	48	27	21	348469.85665	348469.79968	0.05696	0.10000	0.00000	348469.79968	0.05696	0.5000
1316:	48	11	38	47	11	37	348640.36950	348640.28428	0.08522	0.10000	0.00000			
1317:	51	8	44	50	8	43	348648.27322	348648.10549	0.16773	0.10000	0.00000			
1318:	51	7	44	50	7	43	348651.52921	348651.48939	0.03982	0.10000	0.00000			
1319:	49	26	24	48	26	23	348735.91343	348735.96635	-0.05292	0.10000	0.00000	348735.96635	-0.05292	0.5000
1320:	49	26	23	48	26	22	348735.91343	348735.96635	-0.05292	0.10000	0.00000	348735.96635	-0.05292	0.5000
1321:	52	6	46	51	7	45	348738.14877	348737.93559	0.21318	0.10000	0.00000	348738.15506	-0.00629	0.2500
1322:	52	6	46	51	7	45	348738.14877	348738.09109	0.05768	0.10000	0.00000	348738.15506	-0.00629	0.2500
1323:	52	6	46	51	6	45	348738.14877	348738.21903	-0.07026	0.10000	0.00000	348738.15506	-0.00629	0.2500
1324:	52	7	46	51	6	45	348738.14877	348738.37453	-0.22576	0.10000	0.00000	348738.15506	-0.00629	0.2500
1325:	48	15	34	47	15	33	348764.90019	348764.87799	0.02219	0.10000	0.00000			
1326:	50	9	42	49	9	41	348786.01910	348786.12681	-0.10771	0.10000	0.00000			

1327:	50	8	42	49	8	41	348850.08918	348850.32017	-0.23099	0.10000	0.00000	349032.73297	0.02289	0.5000
1328:	49	25	25	48	25	24	349032.75586	349032.73297	0.02289	0.10000	0.00000	349032.73297	0.02289	0.5000
1329:	49	25	24	48	25	23	349032.75586	349032.73297	0.02289	0.10000	0.00000	349032.73297	0.02289	0.5000
1330:	49	10	40	48	10	39	349132.60625	349132.61073	-0.00448	0.10000	0.00000			
1331:	54	4	50	53	5	49	349270.07459	349270.08355	-0.00896	0.10000	0.00000	349270.08366	-0.00907	0.2500
1332:	54	4	50	53	4	49	349270.07459	349270.08370	-0.00911	0.10000	0.00000	349270.08366	-0.00907	0.2500
1333:	54	5	50	53	5	49	349270.07459	349270.08363	-0.00903	0.10000	0.00000	349270.08366	-0.00907	0.2500
1334:	54	5	50	53	4	49	349270.07459	349270.08377	-0.00918	0.10000	0.00000	349270.08366	-0.00907	0.2500
1335:	49	24	26	48	24	25	349365.96518	349365.89931	0.06587	0.10000	0.00000	349365.89931	0.06587	0.5000
1336:	49	24	25	48	24	24	349365.96518	349365.89931	0.06587	0.10000	0.00000	349365.89931	0.06587	0.5000
1337:	47	10	37	46	10	36	349435.82359	349435.81465	0.00894	0.10000	0.00000			
1338:	55	3	52	54	4	51	349622.41566	349622.31581	0.09985	0.10000	0.00000	349622.31581	0.09985	0.2500
1339:	55	4	52	54	3	51	349622.41566	349622.31581	0.09985	0.10000	0.00000	349622.31581	0.09985	0.2500
1340:	55	4	52	54	4	51	349622.41566	349622.31581	0.09985	0.10000	0.00000	349622.31581	0.09985	0.2500
1341:	55	3	52	54	3	51	349622.41566	349622.31581	0.09985	0.10000	0.00000	349622.31581	0.09985	0.2500
1342:	46	11	35	45	11	34	349625.83612	349625.89564	-0.05952	0.10000	0.00000			
1343:	49	23	26	48	23	25	349742.75311	349742.75767	-0.00457	0.10000	0.00000	349742.75767	-0.00457	0.5000
1344:	49	23	27	48	23	26	349742.75311	349742.75767	-0.00457	0.10000	0.00000	349742.75767	-0.00457	0.5000
1345:	49	9	40	48	9	39	349854.97932	349854.96728	0.01204	0.10000	0.00000			
1346:	56	2	54	55	3	53	350001.58281	350001.59096	-0.00815	0.10000	0.00000	350001.59096	-0.00815	0.2500
1347:	56	3	54	55	2	53	350001.58281	350001.59096	-0.00815	0.10000	0.00000	350001.59096	-0.00815	0.2500
1348:	56	3	54	55	3	53	350001.58281	350001.59096	-0.00815	0.10000	0.00000	350001.59096	-0.00815	0.2500
1349:	56	2	54	55	2	53	350001.58281	350001.59096	-0.00815	0.10000	0.00000	350001.59096	-0.00815	0.2500
1350:	49	22	28	48	22	27	350172.62805	350172.62029	0.00776	0.10000	0.00000	350172.62029	0.00776	0.5000
1351:	49	22	27	48	22	26	350172.62805	350172.62029	0.00776	0.10000	0.00000	350172.62029	0.00776	0.5000
1352:	57	1	56	56	1	55	350395.60186	350395.59598	0.00587	0.10000	0.00000	350395.59598	0.00587	0.2500
1353:	57	1	56	56	2	55	350395.60186	350395.59598	0.00587	0.10000	0.00000	350395.59598	0.00587	0.2500
1354:	57	2	56	56	1	55	350395.60186	350395.59598	0.00587	0.10000	0.00000	350395.59598	0.00587	0.2500
1355:	57	2	56	56	2	55	350395.60186	350395.59598	0.00587	0.10000	0.00000	350395.59598	0.00587	0.2500
1356:	48	14	35	47	14	34	350503.14503	350503.11847	0.02656	0.10000	0.00000			
1357:	49	21	29	48	21	28	350667.61952	350667.60119	0.01833	0.10000	0.00000	350667.60121	0.01831	0.5000
1358:	49	21	28	48	21	27	350667.61952	350667.60122	0.01830	0.10000	0.00000	350667.60121	0.01831	0.5000
1359:	58	0	58	57	1	57	350796.33439	350796.32522	0.00917	0.10000	0.00000	350796.32522	0.00917	0.2500
1360:	58	1	58	57	0	57	350796.33439	350796.32522	0.00917	0.10000	0.00000	350796.32522	0.00917	0.2500
1361:	58	1	58	57	1	57	350796.33439	350796.32522	0.00917	0.10000	0.00000	350796.32522	0.00917	0.2500
1362:	58	0	58	57	0	57	350796.33439	350796.32522	0.00917	0.10000	0.00000	350796.32522	0.00917	0.2500
1363:	49	20	30	48	20	29	351243.84140	351243.81960	0.02180	0.10000	0.00000	351243.81989	0.02151	0.5000
1364:	49	20	29	48	20	28	351243.84140	351243.82017	0.02123	0.10000	0.00000	351243.81989	0.02151	0.5000
1365:	48	14	34	47	14	33	351285.31846	351285.32827	-0.00982	0.10000	0.00000			
1366:	48	12	37	47	12	36	351786.56266	351786.53202	0.03064	0.10000	0.00000			
1367:	49	19	30	48	19	29	351923.36658	351923.34716	0.00943	0.10000	0.00000	351923.34218	0.01440	0.5000
1368:	49	19	31	48	19	30	351923.36658	351923.33720	0.01938	0.10000	0.00000	351923.34218	0.01440	0.5000
1369:	48	13	36	47	13	35	351995.80839	351995.80214	0.00625	0.10000	0.00000			
1370:	25	13	13	24	12	12	352410.34495	352410.37193	-0.02698	0.10000	0.00000	352410.37695	-0.03200	0.5000
1371:	25	13	12	24	12	13	352410.34495	352410.38198	-0.03703	0.10000	0.00000	352410.37695	-0.03200	0.5000
1372:	17	17	1	16	16	0	352450.32735	352450.32759	-0.00024	0.10000	0.00000	352450.32759	-0.00024	0.5000
1373:	17	17	0	16	16	1	352450.32735	352450.32759	-0.00024	0.10000	0.00000	352450.32759	-0.00024	0.5000
1374:	19	16	4	18	15	3	352534.55885	352534.67013	-0.11128	0.10000	0.00000	352534.67013	-0.11128	0.5000
1375:	19	16	3	18	15	4	352534.55885	352534.67013	-0.11128	0.10000	0.00000	352534.67013	-0.11128	0.5000

1376:	23	14	10	22	13	9	352581.13466	352581.15998	-0.02532	0.10000	0.00000	352581.15999	-0.02533	0.5000
1377:	23	14	9	22	13	10	352581.13466	352581.16000	-0.02535	0.10000	0.00000	352581.15999	-0.02533	0.5000
1378:	21	15	6	20	14	7	352592.73457	352592.74586	-0.01130	0.10000	0.00000	352592.74586	-0.01130	0.5000
1379:	21	15	7	20	14	6	352592.73457	352592.74586	-0.01130	0.10000	0.00000	352592.74586	-0.01130	0.5000
1380:	49	18	31	48	18	30	352737.48956	352737.57816	-0.08860	0.10000	0.00000	352737.50359	-0.01403	0.5000
1381:	49	18	32	48	18	31	352737.48956	352737.42903	0.06053	0.10000	0.00000	352737.50359	-0.01403	0.5000
1382:	49	17	32	48	17	31	353734.13918	353734.02633	0.11285	0.10000	0.00000			
1383:	47	12	35	46	12	34	354139.87644	354139.77668	0.09976	0.10000	0.00000			
1384:	48	10	38	47	10	37	354315.56484	354315.53167	0.03317	0.10000	0.00000			
1385:	52	8	45	51	8	44	354595.16361	354595.07363	0.08998	0.10000	0.00000			
1386:	51	9	43	50	9	42	354698.09671	354698.02308	0.07363	0.10000	0.00000			
1387:	53	6	47	52	7	46	354705.71663	354705.71053	0.00610	0.10000	0.00000	354705.83076	-0.11413	0.2500
1388:	53	7	47	52	7	46	354705.71663	354705.79549	-0.07886	0.10000	0.00000	354705.83076	-0.11413	0.2500
1389:	53	6	47	52	6	46	354705.71663	354705.86603	-0.14940	0.10000	0.00000	354705.83076	-0.11413	0.2500
1390:	53	7	47	52	6	46	354705.71663	354705.95099	-0.23435	0.10000	0.00000	354705.83076	-0.11413	0.2500
1391:	51	8	43	50	8	42	354736.73293	354736.76870	-0.03577	0.10000	0.00000			
1392:	50	31	20	49	31	19	354806.87499	354806.93979	-0.06480	0.10000	0.00000	354806.93979	-0.06480	0.5000
1393:	50	31	19	49	31	18	354806.87499	354806.93979	-0.06480	0.10000	0.00000	354806.93979	-0.06480	0.5000
1394:	49	11	39	48	11	38	354919.00872	354919.38618	-0.37746	0.10000	0.00000			
1395:	54	5	49	53	6	48	354942.66797	354942.66609	0.00188	0.10000	0.00000	354942.66914	-0.00118	0.2500
1396:	54	6	49	53	6	48	354942.66797	354942.66820	-0.00023	0.10000	0.00000	354942.66914	-0.00118	0.2500
1397:	54	5	49	53	5	48	354942.66797	354942.67009	-0.00212	0.10000	0.00000	354942.66914	-0.00118	0.2500
1398:	54	6	49	53	5	48	354942.66797	354942.67220	-0.00423	0.10000	0.00000	354942.66914	-0.00118	0.2500
1399:	49	16	34	48	16	33	354974.59569	354974.75633	-0.06065	0.10000	0.00000			
1400:	49	16	33	48	16	32	354995.43768	354995.32723	0.11046	0.10000	0.00000			
1401:	50	30	20	49	30	19	355000.29942	355000.32808	-0.02866	0.10000	0.00000			
1402:	50	10	41	49	10	40	355052.53588	355052.51802	0.01785	0.10000	0.00000			
1403:	50	29	22	49	29	21	355211.18288	355211.19754	-0.01466	0.10000	0.00000	355211.19754	-0.01466	0.5000
1404:	50	29	21	49	29	20	355211.18288	355211.19754	-0.01466	0.10000	0.00000	355211.19754	-0.01466	0.5000
1405:	55	4	51	54	4	50	355253.62763	355253.54708	0.08055	0.10000	0.00000	355253.54706	0.08057	0.2500
1406:	55	4	51	54	5	50	355253.62763	355253.54701	0.08062	0.10000	0.00000	355253.54706	0.08057	0.2500
1407:	55	5	51	54	5	50	355253.62763	355253.54705	0.08058	0.10000	0.00000	355253.54706	0.08057	0.2500
1408:	55	5	51	54	4	50	355253.62763	355253.54712	0.08051	0.10000	0.00000	355253.54706	0.08057	0.2500
1409:	50	9	41	49	9	40	355585.89872	355585.91216	-0.01344	0.10000	0.00000			
1410:	56	3	53	55	4	52	355608.35554	355608.36601	-0.01047	0.10000	0.00000	355608.36601	-0.01047	0.2500
1411:	56	4	53	55	3	52	355608.35554	355608.36601	-0.01047	0.10000	0.00000	355608.36601	-0.01047	0.2500
1412:	56	4	53	55	4	52	355608.35554	355608.36601	-0.01047	0.10000	0.00000	355608.36601	-0.01047	0.2500
1413:	56	3	53	55	3	52	355608.35554	355608.36601	-0.01047	0.10000	0.00000	355608.36601	-0.01047	0.2500
1414:	50	27	24	49	27	23	355697.04637	355697.10226	-0.05589	0.10000	0.00000	355697.10226	-0.05589	0.5000
1415:	50	27	23	49	27	22	355697.04637	355697.10226	-0.05589	0.10000	0.00000	355697.10226	-0.05589	0.5000
1416:	50	26	24	49	26	23	355979.57862	355979.58297	-0.00435	0.10000	0.00000	355979.58297	-0.00435	0.5000
1417:	50	26	25	49	26	24	355979.57862	355979.58297	-0.00435	0.10000	0.00000	355979.58297	-0.00435	0.5000
1418:	57	2	55	56	3	54	355988.84543	355988.84274	0.00269	0.10000	0.00000	355988.84274	0.00269	0.2500
1419:	57	3	55	56	2	54	355988.84543	355988.84274	0.00269	0.10000	0.00000	355988.84274	0.00269	0.2500
1420:	57	3	55	56	3	54	355988.84543	355988.84274	0.00269	0.10000	0.00000	355988.84274	0.00269	0.2500
1421:	57	2	55	56	2	54	355988.84543	355988.84274	0.00269	0.10000	0.00000	355988.84274	0.00269	0.2500
1422:	48	13	35	47	13	34	356091.86644	356091.87064	-0.00420	0.10000	0.00000			
1423:	50	25	26	49	25	25	356294.77643	356294.79867	-0.02224	0.10000	0.00000	356294.79867	-0.02224	0.5000
1424:	50	25	25	49	25	24	356294.77643	356294.79867	-0.02224	0.10000	0.00000	356294.79867	-0.02224	0.5000

1425:	58	1	57	57	1	56	356383.36133	356383.35541	0.00592	0.10000	0.00000	356383.35541	0.00592	0.2500
1426:	58	1	57	57	2	56	356383.36133	356383.35541	0.00592	0.10000	0.00000	356383.35541	0.00592	0.2500
1427:	58	2	57	57	1	56	356383.36133	356383.35541	0.00592	0.10000	0.00000	356383.35541	0.00592	0.2500
1428:	58	2	57	57	2	56	356383.36133	356383.35541	0.00592	0.10000	0.00000	356383.35541	0.00592	0.2500
1429:	49	15	35	48	15	34	356537.69181	356537.68448	0.00733	0.10000	0.00000			
1430:	50	24	27	49	24	26	356648.99956	356648.99223	0.00733	0.10000	0.00000	356648.99223	0.00733	0.5000
1431:	50	24	26	49	24	25	356648.99956	356648.99223	0.00733	0.10000	0.00000	356648.99223	0.00733	0.5000
1432:	49	15	34	48	15	33	356719.01298	356719.00624	0.00674	0.10000	0.00000			
1433:	59	0	59	58	0	58	356784.27357	356784.28086	-0.00729	0.10000	0.00000	356784.28086	-0.00729	0.2500
1434:	59	0	59	58	1	58	356784.27357	356784.28086	-0.00729	0.10000	0.00000	356784.28086	-0.00729	0.2500
1435:	59	1	59	58	0	58	356784.27357	356784.28086	-0.00729	0.10000	0.00000	356784.28086	-0.00729	0.2500
1436:	59	1	59	58	1	58	356784.27357	356784.28086	-0.00729	0.10000	0.00000	356784.28086	-0.00729	0.2500
1437:	47	11	36	46	11	35	356991.57269	356991.58703	-0.01435	0.10000	0.00000			
1438:	50	23	27	49	23	26	357050.02546	357050.03327	-0.00781	0.10000	0.00000	357050.03327	-0.00781	0.5000
1439:	50	23	28	49	23	27	357050.02546	357050.03327	-0.00781	0.10000	0.00000	357050.03327	-0.00781	0.5000
1440:	50	22	29	49	22	28	357507.99478	357508.00371	-0.00892	0.10000	0.00000	357508.00371	-0.00892	0.5000
1441:	50	22	28	49	22	27	357507.99478	357508.00371	-0.00893	0.10000	0.00000	357508.00371	-0.00892	0.5000
1442:	50	21	29	49	21	28	358036.08422	358036.07324	0.01097	0.10000	0.00000	358036.07321	0.01101	0.5000
1443:	50	21	30	49	21	29	358036.08422	358036.07318	0.01104	0.10000	0.00000	358036.07321	0.01101	0.5000
1444:	49	14	36	48	14	35	358332.72649	358332.72037	0.00612	0.10000	0.00000			
1445:	50	20	30	49	20	29	358651.87939	358651.86104	0.01835	0.10000	0.00000	358651.86039	0.01899	0.5000
1446:	50	20	31	49	20	30	358651.87939	358651.85975	0.01964	0.10000	0.00000	358651.86039	0.01899	0.5000
1447:	49	12	38	48	12	37	358754.14033	358754.29088	-0.15055	0.10000	0.00000			
1448:	49	10	39	48	10	38	359185.83540	359185.85744	-0.02204	0.10000	0.00000			
1449:	50	19	31	49	19	30	359379.70268	359379.66765	0.03502	0.10000	0.00000	359379.65708	0.04559	0.5000
1450:	50	19	32	49	19	31	359379.70268	359379.64651	0.05616	0.10000	0.00000	359379.65708	0.04559	0.5000
1451:	49	14	35	48	14	34	359574.92584	359574.69606	0.22977	0.10000	0.00000			
1452:	50	18	32	49	18	31	360254.29444	360254.45281	-0.15837	0.10000	0.00000	360254.30267	-0.00823	0.5000
1453:	50	18	33	49	18	32	360254.29444	360254.15252	0.14192	0.10000	0.00000	360254.30267	-0.00823	0.5000
1454:	52	9	44	51	9	43	360614.11147	360613.94506	0.16642	0.10000	0.00000			
1455:	52	8	44	51	8	43	360637.13989	360637.12488	0.01501	0.10000	0.00000			
1456:	54	6	48	53	7	47	360674.35655	360674.36486	-0.00831	0.10000	0.00000	360674.43045	-0.07390	0.2500
1457:	54	7	48	53	7	47	360674.35655	360674.41109	-0.05453	0.10000	0.00000	360674.43045	-0.07390	0.2500
1458:	54	6	48	53	6	47	360674.35655	360674.44981	-0.09326	0.10000	0.00000	360674.43045	-0.07390	0.2500
1459:	54	7	48	53	6	47	360674.35655	360674.49604	-0.13949	0.10000	0.00000	360674.43045	-0.07390	0.2500
1460:	55	6	50	54	6	49	360920.77635	360920.90120	-0.12485	0.10000	0.00000	360920.90170	-0.12535	0.2500
1461:	55	5	50	54	5	49	360920.77635	360920.90220	-0.12585	0.10000	0.00000	360920.90170	-0.12535	0.2500
1462:	55	6	50	54	5	49	360920.77635	360920.90332	-0.12696	0.10000	0.00000	360920.90170	-0.12535	0.2500
1463:	55	5	50	54	6	49	360920.77635	360920.90008	-0.12373	0.10000	0.00000	360920.90170	-0.12535	0.2500
1464:	50	11	40	49	11	39	361079.19225	361079.19352	-0.00128	0.10000	0.00000			
1465:	56	4	52	55	4	51	361236.67437	361236.65977	0.01460	0.10000	0.00000	361236.65976	0.01461	0.2500
1466:	56	4	52	55	5	51	361236.67437	361236.65973	0.01464	0.10000	0.00000	361236.65976	0.01461	0.2500
1467:	56	5	52	55	4	51	361236.67437	361236.65979	0.01458	0.10000	0.00000	361236.65976	0.01461	0.2500
1468:	56	5	52	55	5	51	361236.67437	361236.65975	0.01462	0.10000	0.00000	361236.65976	0.01461	0.2500
1469:	51	9	42	50	9	41	361294.53308	361294.57073	-0.03765	0.10000	0.00000			
1470:	50	17	34	49	17	33	361326.77497	361326.72114	0.05382	0.10000	0.00000			
1471:	50	17	33	49	17	32	361330.33672	361330.36164	-0.02492	0.10000	0.00000			
1472:	57	3	54	56	3	53	361593.88969	361593.89954	-0.00985	0.10000	0.00000	361593.89954	-0.00985	0.2500
1473:	57	3	54	56	4	53	361593.88969	361593.89954	-0.00985	0.10000	0.00000	361593.89954	-0.00985	0.2500

1474:	57	4	54	56	3	53	361593.88969	361593.89955	-0.00986	0.10000	0.00000	361593.89954	-0.00985	0.2500
1475:	57	4	54	56	4	53	361593.88969	361593.89954	-0.00985	0.10000	0.00000	361593.89954	-0.00985	0.2500
1476:	58	2	56	57	3	55	361975.51138	361975.51186	-0.00048	0.10000	0.00000	361975.51186	-0.00048	0.2500
1477:	58	3	56	57	2	55	361975.51138	361975.51186	-0.00048	0.10000	0.00000	361975.51186	-0.00048	0.2500
1478:	58	3	56	57	3	55	361975.51138	361975.51186	-0.00048	0.10000	0.00000	361975.51186	-0.00048	0.2500
1479:	58	2	56	57	2	55	361975.51138	361975.51186	-0.00048	0.10000	0.00000	361975.51186	-0.00048	0.2500
1480:	51	31	21	50	31	20	361989.56836	361989.46932	0.09904	0.10000	0.00000	361989.46932	0.09904	0.5000
1481:	51	31	20	50	31	19	361989.56836	361989.46932	0.09904	0.10000	0.00000	361989.46932	0.09904	0.5000
1482:	59	1	58	58	1	57	362370.52118	362370.51058	0.01061	0.10000	0.00000	362370.51058	0.01061	0.2500
1483:	59	1	58	58	2	57	362370.52118	362370.51058	0.01061	0.10000	0.00000	362370.51058	0.01061	0.2500
1484:	59	2	58	58	1	57	362370.52118	362370.51058	0.01061	0.10000	0.00000	362370.51058	0.01061	0.2500
1485:	59	2	58	58	2	57	362370.52118	362370.51058	0.01061	0.10000	0.00000	362370.51058	0.01061	0.2500
1486:	51	29	23	50	29	22	362416.89097	362417.00380	-0.11284	0.10000	0.00000	362417.00380	-0.11284	0.5000
1487:	51	29	22	50	29	21	362416.89097	362417.00380	-0.11284	0.10000	0.00000	362417.00380	-0.11284	0.5000
1488:	51	28	24	50	28	23	362661.67453	362661.71713	-0.04260	0.10000	0.00000	362661.71713	-0.04260	0.5000
1489:	51	28	23	50	28	22	362661.67453	362661.71713	-0.04260	0.10000	0.00000	362661.71713	-0.04260	0.5000
1490:	50	16	35	49	16	34	362670.34256	362670.37489	-0.03233	0.10000	0.00000			
1491:	50	16	34	49	16	33	362707.34650	362707.35013	-0.00363	0.10000	0.00000			
1492:	60	0	60	59	0	59	362771.71205	362771.62825	0.08379	0.10000	0.00000	362771.62825	0.08379	0.2500
1493:	60	0	60	59	1	59	362771.71205	362771.62825	0.08379	0.10000	0.00000	362771.62825	0.08379	0.2500
1494:	60	1	60	59	0	59	362771.71205	362771.62825	0.08379	0.10000	0.00000	362771.62825	0.08379	0.2500
1495:	60	1	60	59	1	59	362771.71205	362771.62825	0.08379	0.10000	0.00000	362771.62825	0.08379	0.2500
1496:	51	27	25	50	27	24	362931.68622	362931.64983	0.03639	0.10000	0.00000	362931.64983	0.03639	0.5000
1497:	51	27	24	50	27	23	362931.68622	362931.64983	0.03639	0.10000	0.00000	362931.64983	0.03639	0.5000
1498:	51	26	26	50	26	25	363231.26268	363231.18114	0.08154	0.10000	0.00000	363231.18114	0.08154	0.5000
1499:	51	26	25	50	26	24	363231.26268	363231.18114	0.08154	0.10000	0.00000	363231.18114	0.08154	0.5000
1500:	48	12	36	47	12	35	363270.57544	363270.56072	0.01472	0.10000	0.00000			
1501:	51	25	26	50	25	25	363565.70553	363565.70193	0.00359	0.10000	0.00000	363565.70193	0.00359	0.5000
1502:	51	25	27	50	25	26	363565.70553	363565.70193	0.00359	0.10000	0.00000	363565.70193	0.00359	0.5000
1503:	48	11	37	47	11	36	363671.87316	363671.85476	0.01840	0.10000	0.00000			
1504:	51	24	28	50	24	27	363941.92171	363941.93009	-0.00838	0.10000	0.00000	363941.93009	-0.00838	0.5000
1505:	51	24	27	50	24	26	363941.92171	363941.93009	-0.00838	0.10000	0.00000	363941.93009	-0.00838	0.5000
1506:	50	10	40	49	10	39	364164.35490	364164.35746	-0.00256	0.10000	0.00000			
1507:	50	15	36	49	15	35	364344.24036	364344.35648	-0.11612	0.10000	0.00000			
1508:	51	23	29	50	23	28	364368.41620	364368.35728	0.05892	0.10000	0.00000	364368.35728	0.05892	0.5000
1509:	51	23	28	50	23	27	364368.41620	364368.35728	0.05892	0.10000	0.00000	364368.35728	0.05892	0.5000
1510:	50	15	35	49	15	34	364649.59226	364649.57406	0.01820	0.10000	0.00000			
1511:	51	22	29	50	22	28	364855.88292	364855.90022	-0.01730	0.10000	0.00000	364855.90022	-0.01730	0.5000
1512:	51	22	30	50	22	29	364855.88292	364855.90021	-0.01729	0.10000	0.00000	364855.90022	-0.01730	0.5000
1513:	49	13	36	48	13	35	365332.57394	365332.73556	-0.16162	0.10000	0.00000			
1514:	51	21	30	50	21	29	365418.79753	365418.88261	-0.08509	0.10000	0.00000	365418.88261	-0.08501	0.5000
1515:	51	21	31	50	21	30	365418.79753	365418.88261	-0.08493	0.10000	0.00000	365418.88261	-0.08501	0.5000
1516:	50	12	39	49	12	38	365540.44349	365540.43618	0.00731	0.10000	0.00000			
1517:	51	20	31	50	20	30	366076.62746	366076.57980	0.04766	0.10000	0.00000	366076.57980	0.04907	0.5000
1518:	51	20	32	50	20	31	366076.62746	366076.57698	0.05048	0.10000	0.00000	366076.57698	0.04907	0.5000
1519:	53	9	45	52	9	44	366534.18871	366534.28607	-0.09735	0.10000	0.00000			
1520:	53	8	45	52	8	44	366548.13752	366548.04082	0.09670	0.10000	0.00000			
1521:	19	17	3	18	16	2	366591.30351	366591.25045	0.05306	0.10000	0.00000	366591.25045	0.05306	0.5000
1522:	19	17	2	18	16	3	366591.30351	366591.25045	0.05306	0.10000	0.00000	366591.25045	0.05306	0.5000

1523:	55	7	49	54	7	48	366643.77581	366643.77057	0.00524	0.10000	0.00000	366643.78116	-0.00534	0.2500
1524:	55	6	49	54	6	48	366643.77581	366643.79174	-0.01593	0.10000	0.00000	366643.78116	-0.00534	0.2500
1525:	55	7	49	54	6	48	366643.77581	366643.81680	-0.04099	0.10000	0.00000	366643.78116	-0.00534	0.2500
1526:	55	6	49	54	7	48	366643.77581	366643.74551	0.03030	0.10000	0.00000	366643.78116	-0.00534	0.2500
1527:	21	16	6	20	15	5	366663.20112	366663.22728	-0.02616	0.10000	0.00000	366663.22728	-0.02616	0.5000
1528:	21	16	5	20	15	6	366663.20112	366663.22728	-0.02616	0.10000	0.00000	366663.22728	-0.02616	0.5000
1529:	52	10	43	51	10	42	366845.75150	366845.75745	-0.00595	0.10000	0.00000			
1530:	51	19	33	50	19	32	366855.76902	366855.74815	0.02087	0.10000	0.00000			
1531:	56	6	51	55	6	50	366899.09735	366899.09788	-0.00053	0.10000	0.00000	366899.09814	-0.00079	0.2500
1532:	56	5	51	55	5	50	366899.09735	366899.09841	-0.00106	0.10000	0.00000	366899.09814	-0.00079	0.2500
1533:	56	6	51	55	5	50	366899.09735	366899.09899	-0.00165	0.10000	0.00000	366899.09814	-0.00079	0.2500
1534:	56	5	51	55	6	50	366899.09735	366899.09729	0.00006	0.10000	0.00000	366899.09814	-0.00079	0.2500
1535:	52	9	43	51	9	42	367060.48037	367060.49299	-0.01262	0.10000	0.00000			
1536:	50	13	38	49	13	37	367092.10626	367092.08194	0.02432	0.10000	0.00000			
1537:	51	11	41	50	11	40	367143.46041	367143.45595	0.00446	0.10000	0.00000			
1538:	57	4	53	56	4	52	367219.37394	367219.38871	-0.01477	0.10000	0.00000	367219.38871	-0.01476	0.2500
1539:	57	4	53	56	5	52	367219.37394	367219.38869	-0.01475	0.10000	0.00000	367219.38871	-0.01476	0.2500
1540:	57	5	53	56	4	52	367219.37394	367219.38872	-0.01478	0.10000	0.00000	367219.38871	-0.01476	0.2500
1541:	57	5	53	56	5	52	367219.37394	367219.38870	-0.01476	0.10000	0.00000	367219.38871	-0.01476	0.2500
1542:	58	3	55	57	4	54	367578.88214	367578.89839	-0.01625	0.10000	0.00000	367578.89839	-0.01625	0.2500
1543:	58	4	55	57	3	54	367578.88214	367578.89839	-0.01625	0.10000	0.00000	367578.89839	-0.01625	0.2500
1544:	58	4	55	57	4	54	367578.88214	367578.89839	-0.01625	0.10000	0.00000	367578.89839	-0.01625	0.2500
1545:	58	3	55	57	3	54	367578.88214	367578.89839	-0.01625	0.10000	0.00000	367578.89839	-0.01625	0.2500
1546:	59	2	57	58	3	56	367961.76340	367961.58586	0.17754	0.10000	0.00000	367961.58586	0.17754	0.2500
1547:	59	3	57	58	2	56	367961.76340	367961.58586	0.17754	0.10000	0.00000	367961.58586	0.17754	0.2500
1548:	59	3	57	58	3	56	367961.76340	367961.58586	0.17754	0.10000	0.00000	367961.58586	0.17754	0.2500
1549:	59	2	57	58	2	56	367961.76340	367961.58586	0.17754	0.10000	0.00000	367961.58586	0.17754	0.2500
1550:	50	14	36	49	14	35	368073.45586	368073.48579	-0.02993	0.10000	0.00000			
1551:	60	1	59	59	2	58	368357.06563	368357.05078	0.01485	0.10000	0.00000	368357.05078	0.01485	0.2500
1552:	60	2	59	59	1	58	368357.06563	368357.05078	0.01485	0.10000	0.00000	368357.05078	0.01485	0.2500
1553:	60	2	59	59	2	58	368357.06563	368357.05078	0.01485	0.10000	0.00000	368357.05078	0.01485	0.2500
1554:	60	1	59	59	1	58	368357.06563	368357.05078	0.01485	0.10000	0.00000	368357.05078	0.01485	0.2500
1555:	61	0	61	60	1	60	368758.36948	368758.35709	0.01240	0.10000	0.00000	368758.35709	0.01240	0.2500
1556:	61	1	61	60	0	60	368758.36948	368758.35709	0.01240	0.10000	0.00000	368758.35709	0.01240	0.2500
1557:	61	1	61	60	1	60	368758.36948	368758.35709	0.01240	0.10000	0.00000	368758.35709	0.01240	0.2500
1558:	61	0	61	60	0	60	368758.36948	368758.35709	0.01240	0.10000	0.00000	368758.35709	0.01240	0.2500
1559:	51	17	35	50	17	34	368951.45863	368951.44790	0.01073	0.10000	0.00000			
1560:	51	17	34	50	17	33	368958.27031	368958.25877	0.01153	0.10000	0.00000			
1561:	51	10	41	50	10	40	369303.62002	369303.59620	0.02382	0.10000	0.00000			
1562:	49	11	38	48	11	37	369687.92906	369687.93399	-0.00493	0.10000	0.00000			
1563:	52	28	25	51	28	24	369887.79963	369887.86534	-0.06571	0.10000	0.00000	369887.86534	-0.06571	0.5000
1564:	52	28	24	51	28	23	369887.79963	369887.86534	-0.06571	0.10000	0.00000	369887.86534	-0.06571	0.5000
1565:	52	27	26	51	27	25	370173.62064	370173.62673	-0.00609	0.10000	0.00000	370173.62673	-0.00609	0.5000
1566:	52	27	25	51	27	24	370173.62064	370173.62673	-0.00609	0.10000	0.00000	370173.62673	-0.00609	0.5000
1567:	51	16	36	50	16	35	370402.31071	370402.30831	0.00240	0.10000	0.00000			
1568:	51	16	35	50	16	34	370467.56698	370467.52834	0.03865	0.10000	0.00000			
1569:	52	26	27	51	26	26	370490.96398	370490.97238	-0.00839	0.10000	0.00000	370490.97238	-0.00839	0.5000
1570:	52	26	26	51	26	25	370490.96398	370490.97238	-0.00839	0.10000	0.00000	370490.97238	-0.00839	0.5000
1571:	52	25	28	51	25	27	370845.60010	370845.68850	-0.08840	0.10000	0.00000	370845.68850	-0.08840	0.5000

1572:	52	25	27	51	25	26	370845.60010	370845.68850	-0.08840	0.10000	0.00000	370845.68850	-0.08840	0.5000
1573:	52	23	30	51	23	29	371698.09920	371698.07775	0.02145	0.10000	0.00000	371698.07775	0.02145	0.5000
1574:	52	23	29	51	23	28	371698.09920	371698.07775	0.02145	0.10000	0.00000	371698.07775	0.02145	0.5000
1575:	49	12	37	48	12	36	371990.58519	371990.60489	-0.01970	0.10000	0.00000			
1576:	51	12	40	50	12	39	372148.57953	372148.50552	0.07401	0.10000	0.00000			
1577:	51	15	37	50	15	36	372180.02521	372180.00828	0.01693	0.10000	0.00000			
1578:	52	22	31	51	22	30	372216.71902	372216.73731	-0.01829	0.10000	0.00000	372216.73732	-0.01830	0.5000
1579:	52	22	30	51	22	29	372216.71902	372216.73733	-0.01831	0.10000	0.00000	372216.73732	-0.01830	0.5000
1580:	55	7	48	54	7	47	372451.38669	372451.56842	-0.18172	0.10000	0.00000	372451.39113	-0.00444	0.5000
1581:	55	8	48	54	8	47	372451.38669	372451.21384	0.17285	0.10000	0.00000	372451.39113	-0.00444	0.5000
1582:	54	9	46	53	9	45	372459.05184	372459.04517	0.00667	0.10000	0.00000			
1583:	54	8	46	53	8	45	372467.20131	372467.14563	0.05568	0.10000	0.00000			
1584:	56	6	50	55	7	49	372613.74874	372613.71207	0.03667	0.10000	0.00000	372613.73137	0.01737	0.2500
1585:	56	7	50	55	7	49	372613.74874	372613.72561	0.02314	0.10000	0.00000	372613.73137	0.01737	0.2500
1586:	56	6	50	55	6	49	372613.74874	372613.73713	0.01161	0.10000	0.00000	372613.73137	0.01737	0.2500
1587:	56	7	50	55	6	49	372613.74874	372613.75067	-0.00192	0.10000	0.00000	372613.73137	0.01737	0.2500
1588:	53	10	44	52	10	43	372683.13019	372683.13812	-0.00793	0.10000	0.00000			
1589:	53	10	44	52	10	43	372734.46358	372734.47033	-0.00675	0.10000	0.00000			
1590:	52	21	31	51	21	30	372816.55995	372816.56947	-0.00952	0.10000	0.00000	372816.56929	-0.00934	0.5000
1591:	52	21	32	51	21	31	372816.55995	372816.56911	-0.00916	0.10000	0.00000	372816.56929	-0.00934	0.5000
1592:	53	9	44	52	9	43	372868.15904	372868.21621	-0.05717	0.10000	0.00000			
1593:	57	5	52	56	6	51	372877.19337	372877.19344	-0.00008	0.10000	0.00000	372877.19389	-0.00053	0.2500
1594:	57	6	52	56	6	51	372877.19337	372877.19375	-0.00039	0.10000	0.00000	372877.19389	-0.00053	0.2500
1595:	57	5	52	56	5	51	372877.19337	372877.19403	-0.00067	0.10000	0.00000	372877.19389	-0.00053	0.2500
1596:	57	6	52	56	5	51	372877.19337	372877.19434	-0.00098	0.10000	0.00000	372877.19389	-0.00053	0.2500
1597:	52	11	42	51	11	41	373135.13833	373135.15875	-0.02042	0.10000	0.00000			
1598:	58	4	54	57	5	53	373201.77080	373201.70326	0.06755	0.10000	0.00000	373201.70326	0.06754	0.2500
1599:	58	5	54	57	4	53	373201.77080	373201.70327	0.06753	0.10000	0.00000	373201.70326	0.06754	0.2500
1600:	58	5	54	57	5	53	373201.77080	373201.70326	0.06754	0.10000	0.00000	373201.70326	0.06754	0.2500
1601:	58	4	54	57	4	53	373201.77080	373201.70327	0.06754	0.10000	0.00000	373201.70326	0.06754	0.2500
1602:	59	3	56	58	3	55	373563.39912	373563.34530	0.05382	0.10000	0.00000	373563.34530	0.05382	0.2500
1603:	59	3	56	58	4	55	373563.39912	373563.34530	0.05382	0.10000	0.00000	373563.34530	0.05382	0.2500
1604:	59	4	56	58	3	55	373563.39912	373563.34530	0.05382	0.10000	0.00000	373563.34530	0.05382	0.2500
1605:	59	4	56	58	4	55	373563.39912	373563.34530	0.05382	0.10000	0.00000	373563.34530	0.05382	0.2500
1606:	18	18	1	17	17	0	373573.93919	373573.90504	0.03415	0.10000	0.00000	373573.90504	0.03415	0.5000
1607:	18	18	0	17	17	1	373573.93919	373573.90504	0.03415	0.10000	0.00000	373573.90504	0.03415	0.5000
1608:	20	17	4	19	16	3	373659.14114	373659.17838	-0.03724	0.10000	0.00000	373659.17838	-0.03724	0.5000
1609:	20	17	3	19	16	4	373659.14114	373659.17838	-0.03724	0.10000	0.00000	373659.17838	-0.03724	0.5000
1610:	22	16	7	21	15	6	373721.45984	373721.45528	0.00455	0.10000	0.00000	373721.45528	0.00455	0.5000
1611:	22	16	6	21	15	7	373721.45984	373721.45528	0.00455	0.10000	0.00000	373721.45528	0.00455	0.5000
1612:	24	15	10	23	14	9	373725.00325	373725.03425	-0.03101	0.10000	0.00000			
1613:	51	14	38	50	14	37	373942.32844	373942.32682	0.00162	0.10000	0.00000			
1614:	60	2	58	59	2	57	373947.05873	373947.05247	0.00626	0.10000	0.00000	373947.05247	0.00626	0.2500
1615:	60	2	58	59	3	57	373947.05873	373947.05247	0.00626	0.10000	0.00000	373947.05247	0.00626	0.2500
1616:	60	3	58	59	2	57	373947.05873	373947.05247	0.00626	0.10000	0.00000	373947.05247	0.00626	0.2500
1617:	60	3	58	59	3	57	373947.05873	373947.05247	0.00626	0.10000	0.00000	373947.05247	0.00626	0.2500
1618:	61	1	60	60	2	59	374342.96138	374342.96534	-0.00396	0.10000	0.00000	374342.96534	-0.00396	0.3333
1619:	61	2	60	60	1	59	374342.96138	374342.96534	-0.00396	0.10000	0.00000	374342.96534	-0.00396	0.3333
1620:	61	1	60	60	1	59	374342.96138	374342.96534	-0.00396	0.10000	0.00000	374342.96534	-0.00396	0.3333

1621:	52	19	33	51	19	32	374352.67946	374352.69775	-0.01828	0.10000	0.00000	374352.65271	0.02675	0.5000
1622:	52	19	34	51	19	33	374352.67946	374352.60768	0.07178	0.10000	0.00000	374352.65271	0.02675	0.5000
1623:	51	13	39	50	13	38	374439.81973	374439.81335	0.00638	0.10000	0.00000			
1624:	52	10	42	51	10	41	374608.23952	374608.24512	-0.00560	0.10000	0.00000			
1625:	62	0	62	61	0	61	374744.45934	374744.45705	0.00229	0.10000	0.00000	374744.45705	0.00229	0.2500
1626:	62	0	62	61	1	61	374744.45934	374744.45705	0.00229	0.10000	0.00000	374744.45705	0.00229	0.2500
1627:	62	1	62	61	0	61	374744.45934	374744.45705	0.00229	0.10000	0.00000	374744.45705	0.00229	0.2500
1628:	62	1	62	61	1	61	374744.45934	374744.45705	0.00229	0.10000	0.00000	374744.45705	0.00229	0.2500
1629:	50	13	37	49	13	36	374757.55201	374757.43088	0.12113	0.10000	0.00000			
1630:	50	11	39	49	11	38	375128.10685	375128.16799	-0.06115	0.10000	0.00000			
1631:	53	34	20	52	34	19	375787.09909	375787.19977	-0.10068	0.10000	0.00000	375787.19977	-0.10068	0.5000
1632:	53	34	19	52	34	18	375787.09909	375787.19977	-0.10068	0.10000	0.00000	375787.19977	-0.10068	0.5000
1633:	53	32	22	52	32	21	376160.64443	376160.67888	-0.03446	0.10000	0.00000	376160.67888	-0.03446	0.5000
1634:	53	32	21	52	32	20	376160.64443	376160.67888	-0.03446	0.10000	0.00000	376160.67888	-0.03446	0.5000
1635:	53	30	23	52	30	22	376598.21826	376598.24273	-0.02447	0.10000	0.00000	376598.24273	-0.02447	0.5000
1636:	53	30	24	52	30	23	376598.21826	376598.24273	-0.02447	0.10000	0.00000	376598.24273	-0.02447	0.5000
1637:	52	17	36	51	17	35	376608.04036	376608.04636	-0.00600	0.10000	0.00000			
1638:	52	17	35	51	17	34	376620.49425	376620.55981	-0.06556	0.10000	0.00000			
1639:	51	14	37	50	14	36	376825.32479	376825.33972	-0.01493	0.10000	0.00000			
1640:	53	29	25	52	29	24	376847.42446	376847.32368	0.10077	0.10000	0.00000	376847.32368	0.10077	0.5000
1641:	53	29	24	52	29	23	376847.42446	376847.32368	0.10077	0.10000	0.00000	376847.32368	0.10077	0.5000
1642:	53	28	26	52	28	25	377120.85441	377120.94639	-0.09198	0.10000	0.00000	377120.94639	-0.09198	0.5000
1643:	53	28	25	52	28	24	377120.85441	377120.94639	-0.09198	0.10000	0.00000	377120.94639	-0.09198	0.5000
1644:	53	27	26	52	27	25	377423.20872	377423.22210	-0.01339	0.10000	0.00000	377423.22210	-0.01339	0.5000
1645:	53	27	27	52	27	26	377423.20872	377423.22210	-0.01339	0.10000	0.00000	377423.22210	-0.01339	0.5000
1646:	53	26	28	52	26	27	377759.25321	377759.17456	0.07865	0.10000	0.00000	377759.17456	0.07865	0.5000
1647:	53	26	27	52	26	26	377759.25321	377759.17456	0.07865	0.10000	0.00000	377759.17456	0.07865	0.5000
1648:	53	25	29	52	25	28	378135.02006	378135.01263	0.00744	0.10000	0.00000	378135.01263	0.00744	0.5000
1649:	53	25	28	52	25	27	378135.02006	378135.01263	0.00744	0.10000	0.00000	378135.01263	0.00744	0.5000
1650:	52	16	37	51	16	36	378171.16498	378171.10140	0.06358	0.10000	0.00000			
1651:	55	8	47	54	8	46	378392.83173	378392.73419	0.09754	0.10000	0.00000			
1652:	53	24	29	52	24	28	378558.52029	378558.51138	0.00892	0.10000	0.00000	378558.51138	0.00892	0.5000
1653:	53	24	30	52	24	29	378558.52029	378558.51137	0.00892	0.10000	0.00000	378558.51138	0.00892	0.5000
1654:	57	7	51	56	7	50	378584.15565	378584.14454	0.01112	0.10000	0.00000	378584.14766	0.00799	0.2500
1655:	57	6	51	56	6	50	378584.15565	378584.15079	0.00487	0.10000	0.00000	378584.14766	0.00799	0.2500
1656:	57	7	51	56	6	50	378584.15565	378584.15807	-0.00242	0.10000	0.00000	378584.14766	0.00799	0.2500
1657:	57	6	51	56	7	50	378584.15565	378584.13725	0.01840	0.10000	0.00000	378584.14766	0.00799	0.2500
1658:	52	12	41	51	12	40	378590.05876	378590.04090	0.01786	0.10000	0.00000			
1659:	54	10	45	53	10	44	378624.08506	378624.06570	0.01936	0.10000	0.00000			
1660:	54	9	45	53	9	44	378706.51485	378706.48496	0.02989	0.10000	0.00000			
1661:	58	5	53	57	6	52	378855.15041	378855.13032	0.02009	0.10000	0.00000	378855.13056	0.01986	0.2500
1662:	58	6	53	57	6	52	378855.15041	378855.13048	0.01993	0.10000	0.00000	378855.13056	0.01986	0.2500
1663:	58	5	53	57	5	52	378855.15041	378855.13063	0.01978	0.10000	0.00000	378855.13056	0.01986	0.2500
1664:	58	6	53	57	5	52	378855.15041	378855.13079	0.01962	0.10000	0.00000	378855.13056	0.01986	0.2500
1665:	53	23	31	52	23	30	379039.55427	379039.55896	-0.00469	0.10000	0.00000	379039.55896	-0.00469	0.5000
1666:	53	23	30	52	23	29	379039.55427	379039.55896	-0.00469	0.10000	0.00000	379039.55896	-0.00469	0.5000
1667:	53	11	43	52	11	42	379074.87599	379074.89014	-0.01414	0.10000	0.00000			
1668:	59	4	55	58	4	54	379183.30430	379183.57491	-0.27061	0.10000	0.00000	379183.57491	-0.27061	0.2500
1669:	59	4	55	58	5	54	379183.30430	379183.57490	-0.27061	0.10000	0.00000	379183.57491	-0.27061	0.2500

1670:	59	5	55	58	4	54	379183.30430	379183.57491	-0.27061	0.10000	0.00000	379183.57491	-0.27061	0.2500
1671:	59	5	55	58	5	54	379183.30430	379183.57491	-0.27061	0.10000	0.00000	379183.57491	-0.27061	0.2500
1672:	60	3	57	59	4	56	379547.24770	379547.22368	0.02403	0.10000	0.00000	379547.22368	0.02403	0.2500
1673:	60	4	57	59	3	56	379547.24770	379547.22368	0.02403	0.10000	0.00000	379547.22368	0.02403	0.2500
1674:	60	4	57	59	4	56	379547.24770	379547.22368	0.02403	0.10000	0.00000	379547.22368	0.02403	0.2500
1675:	60	3	57	59	3	56	379547.24770	379547.22368	0.02403	0.10000	0.00000	379547.22368	0.02403	0.2500
1676:	53	22	31	52	22	31	379591.01269	379590.96586	0.04684	0.10000	0.00000	379590.96588	0.04682	0.5000
1677:	53	22	31	52	22	30	379591.01269	379590.96590	0.04679	0.10000	0.00000	379590.96588	0.04682	0.5000
1678:	61	2	59	60	2	58	379931.90133	379931.89959	0.00174	0.10000	0.00000	379931.89959	0.00174	0.2500
1679:	61	2	59	60	3	58	379931.90133	379931.89959	0.00174	0.10000	0.00000	379931.89959	0.00174	0.2500
1680:	61	3	59	60	2	58	379931.90133	379931.89959	0.00174	0.10000	0.00000	379931.89959	0.00174	0.2500
1681:	61	3	59	60	3	58	379931.90133	379931.89959	0.00174	0.10000	0.00000	379931.89959	0.00174	0.2500
1682:	52	15	38	51	15	37	380036.22626	380036.40008	-0.17382	0.10000	0.00000			
1683:	53	10	43	52	10	42	380057.91724	380057.90366	0.01358	0.10000	0.00000			
1684:	50	12	38	49	12	37	380139.91428	380139.90999	0.00429	0.10000	0.00000			
1685:	51	11	40	50	11	39	380149.44362	380149.43246	0.01115	0.10000	0.00000			
1686:	53	21	32	52	21	31	380229.71356	380229.70882	0.00474	0.10000	0.00000	380229.70842	0.00513	0.5000
1687:	53	21	33	52	21	32	380229.71356	380229.70803	0.00553	0.10000	0.00000	380229.70842	0.00513	0.5000
1688:	62	1	61	61	1	60	380328.24568	380328.24363	0.00205	0.10000	0.00000	380328.24363	0.00205	0.2500
1689:	62	1	61	61	2	60	380328.24568	380328.24363	0.00205	0.10000	0.00000	380328.24363	0.00205	0.2500
1690:	62	2	61	61	1	60	380328.24568	380328.24363	0.00205	0.10000	0.00000	380328.24363	0.00205	0.2500
1691:	62	2	61	61	2	60	380328.24568	380328.24363	0.00205	0.10000	0.00000	380328.24363	0.00205	0.2500
1692:	59	28	32	59	27	33	380341.98034	380341.89288	0.08746	0.10000	0.00000	380341.89288	0.08746	0.5000
1693:	59	28	31	59	27	32	380341.98034	380341.89288	0.08746	0.10000	0.00000	380341.89288	0.08746	0.5000
1694:	19	18	2	18	17	1	380643.98546	380643.92551	0.05995	0.10000	0.00000	380643.92551	0.05995	0.5000
1695:	19	18	1	18	17	2	380643.98546	380643.92551	0.05995	0.10000	0.00000	380643.92551	0.05995	0.5000
1696:	21	17	5	20	16	4	380724.61552	380724.62877	-0.01325	0.10000	0.00000	380724.62877	-0.01325	0.5000
1697:	21	17	4	20	16	5	380724.61552	380724.62877	-0.01325	0.10000	0.00000	380724.62877	-0.01325	0.5000
1698:	63	1	63	62	1	62	380729.90661	380729.91786	-0.01125	0.10000	0.00000	380729.91786	-0.01125	0.2500
1699:	63	1	63	62	0	62	380729.90661	380729.91786	-0.01125	0.10000	0.00000	380729.91786	-0.01125	0.2500
1700:	63	0	63	62	1	62	380729.90661	380729.91786	-0.01125	0.10000	0.00000	380729.91786	-0.01125	0.2500
1701:	63	0	63	62	0	62	380729.90661	380729.91786	-0.01125	0.10000	0.00000	380729.91786	-0.01125	0.2500
1702:	25	15	11	24	14	10	380751.50995	380751.49657	0.01338	0.10000	0.00000	380751.49657	0.01338	0.5000
1703:	25	15	10	24	14	11	380751.50995	380751.49657	0.01338	0.10000	0.00000	380751.49657	0.01338	0.5000
1704:	23	16	8	22	15	7	380774.56458	380774.47257	0.09201	0.10000	0.00000	380774.47257	0.09201	0.5000
1705:	23	16	7	22	15	8	380774.56458	380774.47257	0.09201	0.10000	0.00000	380774.47257	0.09201	0.5000
1706:	52	15	37	51	15	36	380847.94669	380847.92740	0.01929	0.10000	0.00000			
1707:	53	20	33	52	20	32	380978.95549	380978.93720	0.01830	0.10000	0.00000	380978.93078	0.02471	0.5000
1708:	53	20	34	52	20	33	380978.95549	380978.92437	0.03112	0.10000	0.00000	380978.93078	0.02471	0.5000
1709:	52	13	40	51	13	39	381623.19838	381623.22673	-0.02835	0.10000	0.00000			
1710:	52	14	39	51	14	38	381674.17323	381674.18531	-0.01207	0.10000	0.00000			
1711:	53	19	34	52	19	33	381871.38694	381871.45726	-0.07032	0.10000	0.00000	381871.36684	0.02010	0.5000
1712:	53	19	35	52	19	34	381871.38694	381871.27642	0.11052	0.10000	0.00000	381871.36684	0.02010	0.5000
1713:	54	35	20	53	35	19	382778.27406	382778.44809	-0.17403	0.10000	0.00000	382778.44809	-0.17403	0.5000
1714:	54	35	19	53	35	18	382778.27406	382778.44809	-0.17403	0.10000	0.00000	382778.44809	-0.17403	0.5000
1715:	54	34	20	53	34	19	382954.58888	382954.69879	-0.10991	0.10000	0.00000	382954.65727	-0.06839	0.3333
1716:	54	34	21	53	34	20	382954.58888	382954.69879	-0.10991	0.10000	0.00000	382954.65727	-0.06839	0.3333
1717:	53	18	36	52	18	35	382954.58888	382954.57423	0.01465	0.10000	0.00000	382954.65727	-0.06839	0.3333
1718:	53	18	35	52	18	34	382956.77529	382956.77002	0.00527	0.10000	0.00000			

1719:	54	32	23	53	32	22	383347.86207	383347.91618	-0.05410	0.10000	0.00000	383347.91618	-0.05410	0.5000
1720:	54	32	22	53	32	21	383347.86207	383347.91618	-0.05410	0.10000	0.00000	383347.91618	-0.05410	0.5000
1721:	54	31	24	53	31	23	383568.82237	383568.84998	-0.02761	0.10000	0.00000	383568.84998	-0.02761	0.5000
1722:	54	31	23	53	31	22	383568.82237	383568.84998	-0.02761	0.10000	0.00000	383568.84998	-0.02761	0.5000
1723:	54	30	25	53	30	24	383809.21805	383809.24962	-0.03157	0.10000	0.00000	383809.24962	-0.03157	0.5000
1724:	54	30	24	53	30	23	383809.21805	383809.24962	-0.03157	0.10000	0.00000	383809.24962	-0.03157	0.5000
1725:	54	29	26	53	29	25	384072.15680	384072.13449	0.02231	0.10000	0.00000	384072.13449	0.02231	0.5000
1726:	54	29	25	53	29	24	384072.15680	384072.13449	0.02231	0.10000	0.00000	384072.13449	0.02231	0.5000
1727:	51	13	38	50	13	37	384208.01358	384208.09475	-0.08117	0.10000	0.00000			
1728:	53	17	37	52	17	36	384298.27150	384298.24763	0.02388	0.10000	0.00000			
1729:	53	17	36	52	17	35	384320.89415	384320.83165	0.06251	0.10000	0.00000	384320.81726	0.07690	0.5000
1730:	56	9	48	55	9	47	384320.89415	384320.80287	0.09128	0.10000	0.00000	384320.81726	0.07690	0.5000
1731:	56	8	48	55	8	47	384323.76470	384323.55484	0.20985	0.10000	0.00000			
1732:	56	9	48	55	8	47	384327.15214	384327.25173	-0.09958	0.10000	0.00000			
1733:	57	7	50	56	8	49	384364.97959	384364.78394	0.19564	0.10000	0.00000	384364.97718	0.00240	0.2500
1734:	57	8	50	56	8	49	384364.97959	384364.92160	0.05798	0.10000	0.00000	384364.97718	0.00240	0.2500
1735:	57	7	50	56	7	49	384364.97959	384365.03277	-0.05318	0.10000	0.00000	384364.97718	0.00240	0.2500
1736:	57	8	50	56	7	49	384364.97959	384365.17042	-0.19084	0.10000	0.00000	384364.97718	0.00240	0.2500
1737:	58	7	52	57	7	51	384554.91501	384554.91021	0.00480	0.10000	0.00000	384554.91190	0.00311	0.2500
1738:	58	6	52	57	6	51	384554.91501	384554.91358	0.00143	0.10000	0.00000	384554.91190	0.00311	0.2500
1739:	58	7	52	57	6	51	384554.91501	384554.91749	-0.00248	0.10000	0.00000	384554.91190	0.00311	0.2500
1740:	58	6	52	57	7	51	384554.91501	384554.90630	0.00871	0.10000	0.00000	384554.91190	0.00311	0.2500
1741:	55	9	46	54	9	45	384567.27651	384567.27389	0.00262	0.10000	0.00000			
1742:	54	27	28	53	27	27	384680.76404	384680.63032	0.13371	0.10000	0.00000	384680.63032	0.13371	0.5000
1743:	54	27	27	53	27	26	384680.76404	384680.63032	0.13371	0.10000	0.00000	384680.63032	0.13371	0.5000
1744:	59	5	54	58	6	53	384832.85781	384832.85496	0.00285	0.10000	0.00000	384832.85508	0.00273	0.2500
1745:	59	6	54	58	6	53	384832.85781	384832.85504	0.00277	0.10000	0.00000	384832.85508	0.00273	0.2500
1746:	59	5	54	58	5	53	384832.85781	384832.85512	0.00269	0.10000	0.00000	384832.85508	0.00273	0.2500
1747:	59	6	54	58	5	53	384832.85781	384832.85520	0.00261	0.10000	0.00000	384832.85508	0.00273	0.2500
1748:	53	12	42	52	12	41	384882.77495	384883.01135	-0.23639	0.10000	0.00000			
1749:	52	11	41	51	11	40	384949.58420	384949.58363	0.00057	0.10000	0.00000			
1750:	54	11	44	53	11	43	384979.83698	384979.88554	-0.04856	0.10000	0.00000			
1751:	54	26	29	53	26	28	385036.02511	385036.01247	0.01263	0.10000	0.00000	385036.01247	0.01263	0.5000
1752:	54	26	28	53	26	27	385036.02511	385036.01247	0.01263	0.10000	0.00000	385036.01247	0.01263	0.5000
1753:	60	4	56	59	4	55	385164.97404	385164.97697	-0.00293	0.10000	0.00000	385164.97697	-0.00293	0.2500
1754:	60	4	56	59	5	55	385164.97404	385164.97697	-0.00293	0.10000	0.00000	385164.97697	-0.00293	0.2500
1755:	60	5	56	59	4	55	385164.97404	385164.97697	-0.00293	0.10000	0.00000	385164.97697	-0.00293	0.2500
1756:	60	5	56	59	5	55	385164.97404	385164.97697	-0.00293	0.10000	0.00000	385164.97697	-0.00293	0.2500
1757:	54	25	30	53	25	29	385433.73672	385433.93785	-0.20113	0.10000	0.00000	385433.93785	-0.20113	0.5000
1758:	54	25	29	53	25	28	385433.73672	385433.93785	-0.20113	0.10000	0.00000	385433.93785	-0.20113	0.5000
1759:	61	3	58	60	4	57	385530.51381	385530.51752	-0.00371	0.10000	0.00000	385530.51752	-0.00371	0.2500
1760:	61	4	58	60	3	57	385530.51381	385530.51752	-0.00371	0.10000	0.00000	385530.51752	-0.00371	0.2500
1761:	61	4	58	60	4	57	385530.51381	385530.51752	-0.00371	0.10000	0.00000	385530.51752	-0.00371	0.2500
1762:	61	3	58	60	3	57	385530.51381	385530.51752	-0.00371	0.10000	0.00000	385530.51752	-0.00371	0.2500
1763:	54	10	44	53	10	43	385624.09080	385624.09644	-0.00565	0.10000	0.00000			
1764:	52	14	38	51	14	37	385860.01680	385860.05969	-0.04289	0.10000	0.00000			
1765:	54	24	31	53	24	30	385882.77109	385882.77039	0.00070	0.10000	0.00000	385882.77039	0.00070	0.5000
1766:	54	24	30	53	24	29	385882.77109	385882.77039	0.00070	0.10000	0.00000	385882.77039	0.00070	0.5000
1767:	62	2	60	61	3	59	385916.12863	385916.11528	0.01335	0.10000	0.00000	385916.11528	0.01335	0.2500

1768:	62	3	60	61	2	59	385916.12863	385916.11528	0.01335	0.10000	0.00000	385916.11528	0.01335	0.2500
1769:	62	3	60	61	3	59	385916.12863	385916.11528	0.01335	0.10000	0.00000	385916.11528	0.01335	0.2500
1770:	62	2	60	61	2	59	385916.12863	385916.11528	0.01335	0.10000	0.00000	385916.11528	0.01335	0.2500
1771:	53	16	38	52	16	37	385976.16820	385976.15567	0.01253	0.10000	0.00000			
1772:	53	16	37	52	16	36	386167.72333	386167.92910	-0.18678	0.10000	0.00000			
1773:	63	1	62	62	1	61	386312.88347	386312.87503	0.00844	0.10000	0.00000	386312.87503	0.00844	0.2500
1774:	63	1	62	62	2	61	386312.88347	386312.87503	0.00844	0.10000	0.00000	386312.87503	0.00844	0.2500
1775:	63	2	62	62	1	61	386312.88347	386312.87503	0.00844	0.10000	0.00000	386312.87503	0.00844	0.2500
1776:	63	2	62	62	2	61	386312.88347	386312.87503	0.00844	0.10000	0.00000	386312.87503	0.00844	0.2500
1777:	54	23	32	53	23	31	386393.16507	386393.18311	-0.01804	0.10000	0.00000	386393.18311	-0.01804	0.5000
1778:	54	23	31	53	23	30	386393.16507	386393.18312	-0.01805	0.10000	0.00000	386393.18311	-0.01804	0.5000
1779:	64	0	64	63	1	63	386714.72763	386714.72919	-0.00156	0.10000	0.00000	386714.72919	-0.00156	0.2500
1780:	64	1	64	63	0	63	386714.72763	386714.72919	-0.00156	0.10000	0.00000	386714.72919	-0.00156	0.2500
1781:	64	1	64	63	1	63	386714.72763	386714.72919	-0.00156	0.10000	0.00000	386714.72919	-0.00156	0.2500
1782:	64	0	64	63	0	63	386714.72763	386714.72919	-0.00156	0.10000	0.00000	386714.72919	-0.00156	0.2500
1783:	54	22	33	53	22	32	386979.07133	386979.06264	0.00869	0.10000	0.00000	386979.06269	0.00864	0.5000
1784:	54	22	32	53	22	31	386979.07133	386979.06274	0.00859	0.10000	0.00000	386979.06269	0.00864	0.5000
1785:	51	12	39	50	12	38	387618.25563	387618.25226	0.00337	0.10000	0.00000	386979.06269	0.00864	0.5000
1786:	54	21	33	53	21	32	387658.92185	387658.91474	0.00711	0.10000	0.00000	387658.91388	0.00797	0.5000
1787:	54	21	34	53	21	33	387658.92185	387658.91302	0.00884	0.10000	0.00000	387658.91388	0.00797	0.5000
1788:	20	18	3	19	17	2	387712.69562	387712.67556	0.02006	0.10000	0.00000	387712.67556	0.02006	0.5000
1789:	20	18	2	19	17	3	387712.69562	387712.67556	0.02006	0.10000	0.00000	387712.67556	0.02006	0.5000
1790:	26	15	12	25	14	11	387766.69390	387766.80985	-0.11595	0.10000	0.00000	387766.80986	-0.11596	0.5000
1791:	26	15	11	25	14	12	387766.69390	387766.80987	-0.11597	0.10000	0.00000	387766.80986	-0.11596	0.5000
1792:	22	17	5	21	16	6	387787.18245	387786.94203	0.24042	0.10000	0.00000	387786.94203	0.24042	0.5000
1793:	22	17	6	21	16	5	387787.18245	387786.94203	0.24042	0.10000	0.00000	387786.94203	0.24042	0.5000
1794:	53	15	39	52	15	38	387901.14075	387901.16186	-0.02111	0.10000	0.00000			
1795:	54	20	34	53	20	33	388458.12729	388458.16390	-0.03661	0.10000	0.00000	388458.15060	-0.02332	0.5000
1796:	54	20	35	53	20	34	388458.12729	388458.13731	-0.01002	0.10000	0.00000	388458.15060	-0.02332	0.5000
1797:	53	13	41	52	13	40	388627.37493	388627.51315	-0.13822	0.10000	0.00000	388627.50906	-0.13413	0.5000
1798:	29	15	14	29	13	17	388627.37493	388627.50497	-0.13004	0.10000	0.00000	388627.50906	-0.13413	0.5000
1799:	53	15	38	52	15	37	389180.28613	389180.27027	0.01586	0.10000	0.00000			
1800:	53	14	40	52	14	39	389319.87876	389319.92286	-0.04411	0.10000	0.00000			
1801:	54	19	36	53	19	35	389413.07735	389412.90124	0.17611	0.10000	0.00000	389413.07964	-0.00229	0.5000
1802:	54	19	35	53	19	34	389413.07735	389413.25804	-0.18069	0.10000	0.00000	389413.07964	-0.00229	0.5000
1803:	53	11	42	52	11	41	389716.21368	389716.18010	0.03358	0.10000	0.00000			
1804:	57	9	49	56	9	48	390256.92644	390257.07774	-0.15130	0.10000	0.00000			
1805:	57	8	49	56	8	48	390258.67743	390258.66664	0.01079	0.10000	0.00000			
1806:	58	8	51	57	8	50	390323.93822	390323.87223	0.06599	0.10000	0.00000	390323.90313	0.03509	0.2500
1807:	58	7	51	57	7	50	390323.93822	390323.93404	0.00418	0.10000	0.00000	390323.90313	0.03509	0.2500
1808:	58	8	51	57	7	50	390323.93822	390324.00989	-0.07166	0.10000	0.00000	390323.90313	0.03509	0.2500
1809:	58	7	51	57	8	50	390323.93822	390323.79638	0.14184	0.10000	0.00000	390323.90313	0.03509	0.2500
1810:	55	33	22	54	33	21	390325.71752	390325.58596	0.13156	0.10000	0.00000	390325.58596	0.13156	0.5000
1811:	55	33	23	54	33	22	390325.71752	390325.58596	0.13156	0.10000	0.00000	390325.58596	0.13156	0.5000
1812:	56	10	47	55	10	46	390414.52862	390414.48467	0.04395	0.10000	0.00000			
1813:	56	9	47	55	9	46	390445.08513	390444.91189	0.17324	0.10000	0.00000			
1814:	59	7	53	58	7	52	390525.90228	390525.91804	-0.01576	0.10000	0.00000	390525.91895	-0.01667	0.2500
1815:	59	6	53	58	6	52	390525.90228	390525.91986	-0.01758	0.10000	0.00000	390525.91895	-0.01667	0.2500
1816:	59	7	53	58	6	52	390525.90228	390525.92195	-0.01967	0.10000	0.00000	390525.91895	-0.01667	0.2500

1817:	59	6	53	58	7	52	390525.90228	390525.91595	-0.01367	0.10000	0.00000	390525.91895	-0.01667	0.2500
1818:	55	32	24	54	32	23	390540.45512	390540.29058	0.16454	0.10000	0.00000	390540.29058	0.16454	0.5000
1819:	55	32	23	54	32	22	390540.45512	390540.29058	0.16454	0.10000	0.00000	390540.29058	0.16454	0.5000
1820:	54	18	37	53	18	36	390576.42450	390576.39242	0.03208	0.10000	0.00000			
1821:	54	18	36	53	18	35	390580.47266	390580.50651	-0.03385	0.10000	0.00000			
1822:	60	5	55	59	5	54	390810.30626	390810.31908	-0.01281	0.10000	0.00000	390810.31906	-0.01279	0.2500
1823:	60	6	55	59	6	54	390810.30626	390810.31904	-0.01277	0.10000	0.00000	390810.31906	-0.01279	0.2500
1824:	60	6	55	59	5	54	390810.30626	390810.31912	-0.01286	0.10000	0.00000	390810.31906	-0.01279	0.2500
1825:	60	5	55	59	6	54	390810.30626	390810.31899	-0.01273	0.10000	0.00000	390810.31906	-0.01279	0.2500
1826:	55	11	45	54	11	44	390863.65261	390863.71537	-0.06276	0.10000	0.00000			
1827:	55	30	26	54	30	25	391026.19566	391026.33251	-0.13685	0.10000	0.00000	391026.33251	-0.13685	0.5000
1828:	55	30	25	54	30	24	391026.19566	391026.33251	-0.13685	0.10000	0.00000	391026.33251	-0.13685	0.5000
1829:	54	12	43	53	12	42	391049.63776	391049.63982	-0.00206	0.10000	0.00000			
1830:	61	4	57	60	5	56	391145.79826	391145.88441	-0.08615	0.10000	0.00000	391145.88441	-0.08615	0.2500
1831:	61	5	57	60	4	56	391145.79826	391145.88441	-0.08615	0.10000	0.00000	391145.88441	-0.08615	0.2500
1832:	61	5	57	60	5	56	391145.79826	391145.88441	-0.08615	0.10000	0.00000	391145.88441	-0.08615	0.2500
1833:	61	4	57	60	4	56	391145.79826	391145.88441	-0.08615	0.10000	0.00000	391145.88441	-0.08615	0.2500
1834:	55	10	45	54	10	44	391279.42293	391279.42805	-0.00512	0.10000	0.00000			
1835:	55	29	27	54	29	26	391303.58269	391303.58273	-0.00004	0.10000	0.00000	391303.58273	-0.00004	0.5000
1836:	55	29	26	54	29	25	391303.58269	391303.58273	-0.00004	0.10000	0.00000	391303.58273	-0.00004	0.5000
1837:	62	3	59	61	3	58	391513.20452	391513.21137	-0.00685	0.10000	0.00000	391513.21137	-0.00685	0.2500
1838:	62	3	59	61	4	58	391513.20452	391513.21137	-0.00685	0.10000	0.00000	391513.21137	-0.00685	0.2500
1839:	62	4	59	61	3	58	391513.20452	391513.21137	-0.00685	0.10000	0.00000	391513.21137	-0.00685	0.2500
1840:	62	4	59	61	4	58	391513.20452	391513.21137	-0.00685	0.10000	0.00000	391513.21137	-0.00685	0.2500
1841:	63	2	61	62	3	60	391899.69210	391899.68775	0.00435	0.10000	0.00000	391899.68775	0.00435	0.2500
1842:	63	3	61	62	2	60	391899.69210	391899.68775	0.00435	0.10000	0.00000	391899.68775	0.00435	0.2500
1843:	63	3	61	62	3	60	391899.69210	391899.68775	0.00435	0.10000	0.00000	391899.68775	0.00435	0.2500
1844:	63	2	61	62	2	60	391899.69210	391899.68775	0.00435	0.10000	0.00000	391899.68775	0.00435	0.2500
1845:	55	27	29	54	27	28	391946.05500	391946.05143	0.00357	0.10000	0.00000	391946.05143	0.00357	0.5000
1846:	55	27	28	54	27	27	391946.05500	391946.05143	0.00357	0.10000	0.00000	391946.05143	0.00357	0.5000
1847:	54	17	38	53	17	37	392023.62952	392023.63046	-0.00094	0.10000	0.00000			
1848:	64	1	63	63	1	62	392296.85213	392296.84897	0.00316	0.10000	0.00000	392296.84897	0.00316	0.2500
1849:	64	1	63	63	2	62	392296.85213	392296.84897	0.00316	0.10000	0.00000	392296.84897	0.00316	0.2500
1850:	64	2	63	63	1	62	392296.85213	392296.84897	0.00316	0.10000	0.00000	392296.84897	0.00316	0.2500
1851:	64	2	63	63	2	62	392296.85213	392296.84897	0.00316	0.10000	0.00000	392296.84897	0.00316	0.2500
1852:	55	26	30	54	26	29	392321.72696	392321.71838	0.00858	0.10000	0.00000	392321.71838	0.00858	0.5000
1853:	55	26	29	54	26	28	392321.72696	392321.71838	0.00858	0.10000	0.00000	392321.71838	0.00858	0.5000
1854:	65	0	65	64	1	64	392698.89340	392698.88075	0.01265	0.10000	0.00000	392698.88075	0.01265	0.2500
1855:	65	1	65	64	0	64	392698.89340	392698.88075	0.01265	0.10000	0.00000	392698.88075	0.01265	0.2500
1856:	65	1	65	64	1	64	392698.89340	392698.88075	0.01265	0.10000	0.00000	392698.88075	0.01265	0.2500
1857:	65	0	65	64	0	64	392698.89340	392698.88075	0.01265	0.10000	0.00000	392698.88075	0.01265	0.2500
1858:	55	25	30	54	25	29	392742.75616	392742.73782	0.01833	0.10000	0.00000	392742.73782	0.01833	0.5000
1859:	55	25	31	54	25	30	392742.75616	392742.73782	0.01833	0.10000	0.00000	392742.73782	0.01833	0.5000
1860:	55	24	32	54	24	31	393218.18277	393218.10781	0.07496	0.10000	0.00000	393218.10781	0.07496	0.5000
1861:	55	24	31	54	24	30	393218.18277	393218.10782	0.07496	0.10000	0.00000	393218.10781	0.07496	0.5000
1862:	52	13	39	51	13	38	393472.74730	393472.80157	-0.05427	0.10000	0.00000			
1863:	55	23	33	54	23	32	393759.34245	393759.35207	-0.00963	0.10000	0.00000	393759.35208	-0.00964	0.5000
1864:	55	23	32	54	23	31	393759.34245	393759.35209	-0.00964	0.10000	0.00000	393759.35208	-0.00964	0.5000
1865:	54	16	39	53	16	38	393815.13209	393815.12709	0.00500	0.10000	0.00000			

1866:	54	16	38	53	16	37	394134.70482	394134.69792	0.00690	0.10000	0.00000	0.00000	394381.53326	-0.04677	0.5000
1867:	55	22	34	54	22	33	394381.48649	394381.53315	-0.04666	0.10000	0.00000	0.00000	394381.53326	-0.04677	0.5000
1868:	55	22	33	54	22	32	394381.48649	394381.53337	-0.04688	0.10000	0.00000	0.00000	394381.53326	-0.04677	0.5000
1869:	52	12	40	51	12	39	394382.61395	394382.63472	0.17922	0.10000	0.00000	0.00000			
1870:	54	11	43	53	11	42	394582.26501	394582.25321	0.11180	0.10000	0.00000	0.00000			
1871:	19	19	1	18	18	0	394693.54132	394693.53418	0.00714	0.10000	0.00000	0.00000	394693.53418	0.00714	0.5000
1872:	19	19	0	18	18	1	394693.54132	394693.53418	0.00714	0.10000	0.00000	0.00000	394693.53418	0.00714	0.5000
1873:	21	18	4	20	17	3	394779.74836	394779.66919	0.07917	0.10000	0.00000	0.00000	394779.66919	0.07917	0.5000
1874:	21	18	3	20	17	4	394779.74836	394779.66919	0.07917	0.10000	0.00000	0.00000	394779.66919	0.07917	0.5000
1875:	23	17	7	22	16	6	394845.49944	394845.40272	0.09672	0.10000	0.00000	0.00000	394845.40272	0.09672	0.5000
1876:	23	17	6	22	16	7	394845.49944	394845.40272	0.09672	0.10000	0.00000	0.00000	394845.40272	0.09672	0.5000
1877:	25	16	9	24	15	10	394860.63004	394860.90945	-0.27941	0.10000	0.00000	0.00000	394860.90945	-0.27941	0.5000
1878:	25	16	10	24	15	9	394860.63004	394860.90945	-0.27941	0.10000	0.00000	0.00000	394860.90945	-0.27941	0.5000
1879:	55	21	34	54	21	33	395104.87030	395104.84516	0.02514	0.10000	0.00000	0.00000	395104.84331	0.02699	0.5000
1880:	55	21	35	54	21	34	395104.87030	395104.84147	0.02883	0.10000	0.00000	0.00000	395104.84331	0.02699	0.5000
1881:	53	14	39	52	14	38	395169.53761	395169.54395	-0.00634	0.10000	0.00000	0.00000			
1882:	54	13	42	53	13	41	395446.27923	395446.23031	0.04892	0.10000	0.00000	0.00000			
1883:	54	15	40	53	15	39	395757.23130	395757.25461	-0.02331	0.10000	0.00000	0.00000			
1884:	55	20	36	54	20	35	395957.27052	395957.20748	0.06305	0.10000	0.00000	0.00000			
1885:	59	8	52	58	7	51	396283.96038	396284.00936	-0.04898	0.10000	0.00000	0.00000			
1886:	57	10	48	56	10	47	396317.15523	396317.13622	0.01902	0.10000	0.00000	0.00000			
1887:	60	6	54	59	7	53	396497.09550	396497.07322	0.02228	0.10000	0.00000	0.00000	396497.07483	0.02068	0.2500
1888:	60	7	54	59	7	53	396497.09550	396497.07434	0.02117	0.10000	0.00000	0.00000	396497.07483	0.02068	0.2500
1889:	60	6	54	59	6	53	396497.09550	396497.07531	0.02019	0.10000	0.00000	0.00000	396497.07483	0.02068	0.2500
1890:	60	7	54	59	6	53	396497.09550	396497.07643	0.01908	0.10000	0.00000	0.00000	396497.07483	0.02068	0.2500
1891:	56	11	46	55	11	45	396736.49281	396736.46517	0.02764	0.10000	0.00000	0.00000			
1892:	61	5	56	60	6	55	396787.43906	396787.47807	-0.03901	0.10000	0.00000	0.00000	396787.47811	-0.03904	0.2500
1893:	61	6	56	60	6	55	396787.43906	396787.47810	-0.03903	0.10000	0.00000	0.00000	396787.47811	-0.03904	0.2500
1894:	61	6	56	60	5	55	396787.43906	396787.47814	-0.03908	0.10000	0.00000	0.00000	396787.47811	-0.03904	0.2500
1895:	61	5	56	60	5	55	396787.43906	396787.47812	-0.03905	0.10000	0.00000	0.00000	396787.47811	-0.03904	0.2500
1896:	56	10	46	55	10	45	397001.13910	397001.14852	-0.00942	0.10000	0.00000	0.00000			
1897:	62	4	58	61	5	57	397126.31361	397126.27362	0.03999	0.10000	0.00000	0.00000	397126.27363	0.03999	0.2500
1898:	62	5	58	61	4	57	397126.31361	397126.27363	0.03999	0.10000	0.00000	0.00000	397126.27363	0.03999	0.2500
1899:	62	5	58	61	5	57	397126.31361	397126.27362	0.03999	0.10000	0.00000	0.00000	397126.27363	0.03999	0.2500
1900:	62	4	58	61	4	57	397126.31361	397126.27363	0.03999	0.10000	0.00000	0.00000	397126.27363	0.03999	0.2500
1901:	63	3	60	62	4	59	397495.29116	397495.29022	0.00094	0.10000	0.00000	0.00000	397495.29022	0.00094	0.2500
1902:	63	4	60	62	3	59	397495.29116	397495.29022	0.00094	0.10000	0.00000	0.00000	397495.29022	0.00094	0.2500
1903:	63	4	60	62	4	59	397495.29116	397495.29022	0.00094	0.10000	0.00000	0.00000	397495.29022	0.00094	0.2500
1904:	63	3	60	62	3	59	397495.29116	397495.29022	0.00094	0.10000	0.00000	0.00000	397495.29022	0.00094	0.2500
1905:	56	33	23	55	33	22	397512.00442	397512.09993	-0.09551	0.10000	0.00000	0.00000	397512.09993	-0.09551	0.5000
1906:	56	33	24	55	33	23	397512.00442	397512.09993	-0.09551	0.10000	0.00000	0.00000	397512.09993	-0.09551	0.5000
1907:	54	15	39	53	15	38	397723.46895	397723.46553	0.00342	0.10000	0.00000	0.00000			
1908:	56	32	25	55	32	24	397737.81500	397737.91358	-0.09858	0.10000	0.00000	0.00000	397737.91358	-0.09858	0.5000
1909:	56	32	24	55	32	23	397737.81500	397737.91358	-0.09858	0.10000	0.00000	0.00000	397737.91358	-0.09858	0.5000
1910:	64	2	62	63	3	61	397882.60896	397882.60533	0.00362	0.10000	0.00000	0.00000	397882.60533	0.00362	0.2500
1911:	64	3	62	63	2	61	397882.60896	397882.60533	0.00362	0.10000	0.00000	0.00000	397882.60533	0.00362	0.2500
1912:	64	3	62	63	3	61	397882.60896	397882.60533	0.00362	0.10000	0.00000	0.00000	397882.60533	0.00362	0.2500
1913:	64	2	62	63	2	61	397882.60896	397882.60533	0.00362	0.10000	0.00000	0.00000	397882.60533	0.00362	0.2500
1914:	56	31	25	55	31	24	397982.74446	397982.80118	-0.05672	0.10000	0.00000	0.00000	397982.80118	-0.05672	0.5000

1915:	56	31	26	55	31	25	397982.74446	397982.80118	-0.05672	0.10000	0.00000	397982.80118	-0.05672	0.5000
1916:	55	18	38	54	18	37	398228.35698	398228.44889	-0.09190	0.10000	0.00000			
1917:	65	1	64	64	2	63	398280.14465	398280.15487	-0.01022	0.10000	0.00000	398280.15487	-0.01022	0.2500
1918:	65	2	64	64	1	63	398280.14465	398280.15487	-0.01022	0.10000	0.00000	398280.15487	-0.01022	0.2500
1919:	65	2	64	64	2	63	398280.14465	398280.15487	-0.01022	0.10000	0.00000	398280.15487	-0.01022	0.2500
1920:	65	1	64	64	1	63	398280.14465	398280.15487	-0.01022	0.10000	0.00000	398280.15487	-0.01022	0.2500
1921:	56	29	28	55	29	27	398541.84499	398541.82553	0.01946	0.10000	0.00000	398541.82553	0.01946	0.5000
1922:	56	29	27	55	29	26	398541.84499	398541.82553	0.01946	0.10000	0.00000	398541.82553	0.01946	0.5000
1923:	66	0	66	65	0	65	398682.36025	398682.36224	-0.00199	0.10000	0.00000	398682.36224	-0.00199	0.2500
1924:	66	0	66	65	1	65	398682.36025	398682.36224	-0.00199	0.10000	0.00000	398682.36224	-0.00199	0.2500
1925:	66	1	66	65	0	65	398682.36025	398682.36224	-0.00199	0.10000	0.00000	398682.36224	-0.00199	0.2500
1926:	66	1	66	65	1	65	398682.36025	398682.36224	-0.00199	0.10000	0.00000	398682.36224	-0.00199	0.2500
1927:	56	28	28	55	28	27	398863.54967	398863.50874	0.04093	0.10000	0.00000			
1928:	56	27	30	55	27	29	399219.66562	399219.69156	-0.02594	0.10000	0.00000	399219.69156	-0.02594	0.5000
1929:	56	27	29	55	27	28	399219.66562	399219.69156	-0.02594	0.10000	0.00000	399219.69156	-0.02594	0.5000
1930:	55	11	44	54	11	43	399613.24596	399613.23122	0.01474	0.10000	0.00000			
1931:	56	26	31	55	26	30	399616.50970	399616.53273	-0.02303	0.10000	0.00000	399616.53273	-0.02303	0.5000
1932:	56	26	30	55	26	29	399616.50970	399616.53273	-0.02303	0.10000	0.00000	399616.53273	-0.02303	0.5000
1933:	55	17	38	54	17	37	399855.16872	399855.18130	-0.01258	0.10000	0.00000			
1934:	56	25	31	55	25	30	400061.69666	400061.69724	-0.00058	0.10000	0.00000	400061.69724	-0.00058	0.5000
1935:	56	25	32	55	25	31	400061.69666	400061.69724	-0.00058	0.10000	0.00000	400061.69724	-0.00058	0.5000
1936:	53	12	41	52	12	40	400447.96512	400448.20892	-0.24381	0.10000	0.00000			
1937:	56	24	33	55	24	32	400564.85560	400564.86700	-0.01140	0.10000	0.00000	400564.86700	-0.01140	0.5000
1938:	56	24	32	55	24	31	400564.85560	400564.86700	-0.01140	0.10000	0.00000	400564.86700	-0.01140	0.5000
1939:	56	23	34	55	23	33	401138.50989	401138.48943	0.02046	0.10000	0.00000	401138.48945	0.02045	0.5000
1940:	56	23	33	55	23	32	401138.50989	401138.48946	0.02043	0.10000	0.00000	401138.48945	0.02045	0.5000
1941:	55	16	40	54	16	39	401683.24644	401683.19133	0.05511	0.10000	0.00000			
1942:	28	15	13	27	14	14	401757.57988	401757.61097	-0.03109	0.10000	0.00000	401757.61085	-0.03097	0.5000
1943:	28	15	14	27	14	13	401757.57988	401757.61073	-0.03085	0.10000	0.00000	401757.61085	-0.03097	0.5000
1944:	20	19	1	19	18	2	401762.38065	401762.38063	0.00002	0.10000	0.00000	401762.38063	0.00002	0.5000
1945:	20	19	2	19	18	1	401762.38065	401762.38063	0.00002	0.10000	0.00000	401762.38063	0.00002	0.5000
1946:	56	22	34	55	22	33	401798.57359	401798.91531	-0.34171	0.10000	0.00000	401798.91506	-0.34147	0.5000
1947:	56	22	35	55	22	34	401798.57359	401798.91482	-0.34123	0.10000	0.00000	401798.91506	-0.34147	0.5000
1948:	22	18	5	21	17	4	401844.31194	401844.37548	-0.06354	0.10000	0.00000	401844.37548	-0.06354	0.5000
1949:	22	18	4	21	17	5	401844.31194	401844.37548	-0.06354	0.10000	0.00000	401844.37548	-0.06354	0.5000
1950:	26	16	11	25	15	10	401891.91243	401892.15473	-0.24230	0.10000	0.00000	401892.15473	-0.24230	0.5000
1951:	26	16	10	25	15	11	401891.91243	401892.15473	-0.24230	0.10000	0.00000	401892.15473	-0.24230	0.5000
1952:	24	17	7	23	16	8	401899.21997	401899.23809	-0.01812	0.10000	0.00000	401899.23809	-0.01812	0.5000
1953:	24	17	8	23	16	7	401899.21997	401899.23809	-0.01812	0.10000	0.00000	401899.23809	-0.01812	0.5000
1954:	55	13	43	54	13	42	402081.73256	402081.72139	0.01117	0.10000	0.00000			
1955:	55	16	39	54	16	38	402205.14115	402205.34579	-0.20464	0.10000	0.00000			
1956:	58	10	49	57	10	48	402225.01241	402224.99192	0.02049	0.10000	0.00000			
1957:	58	9	49	57	9	48	402235.86449	402235.86210	0.02239	0.10000	0.00000			
1958:	60	8	53	59	8	52	402244.97685	402244.91974	0.05711	0.10000	0.00000	402244.92918	0.04768	0.2500
1959:	60	7	53	59	7	52	402244.97685	402244.93861	0.03824	0.10000	0.00000	402244.92918	0.04768	0.2500
1960:	60	8	53	59	7	52	402244.97685	402244.96137	0.01548	0.10000	0.00000	402244.92918	0.04768	0.2500
1961:	60	7	53	59	8	52	402244.97685	402244.98698	0.07987	0.10000	0.00000	402244.92918	0.04768	0.2500
1962:	53	13	40	52	13	39	402335.68876	402335.67746	0.01130	0.10000	0.00000			
1963:	61	7	55	60	7	54	402468.25717	402468.29485	-0.03767	0.10000	0.00000	402468.29511	-0.03794	0.2500

1964:	61	6	55	60	6	54	402468.25717	402468.29537	-0.03820	0.10000	0.00000	402468.29511	-0.03794	0.2500
1965:	61	7	55	60	6	54	402468.25717	402468.29596	-0.03879	0.10000	0.00000	402468.29511	-0.03794	0.2500
1966:	61	6	55	60	7	54	402468.25717	402468.29426	-0.03708	0.10000	0.00000	402468.29511	-0.03794	0.2500
1967:	56	21	35	55	21	34	402568.23424	402568.20741	0.02684	0.10000	0.00000	402568.20353	0.03071	0.5000
1968:	56	21	36	55	21	35	402568.23424	402568.19966	0.03458	0.10000	0.00000	402568.20353	0.03071	0.5000
1969:	57	11	47	56	11	46	402605.21495	402605.21407	0.00087	0.10000	0.00000			
1970:	62	5	57	61	6	56	402764.28290	402764.29137	-0.00847	0.10000	0.00000	402764.29138	-0.00848	0.2500
1971:	62	5	57	61	5	56	402764.28290	402764.29139	-0.00849	0.10000	0.00000	402764.29138	-0.00848	0.2500
1972:	62	6	57	61	5	56	402764.28290	402764.29140	-0.00850	0.10000	0.00000	402764.29138	-0.00848	0.2500
1973:	62	6	57	61	6	56	402764.28290	402764.29138	-0.00848	0.10000	0.00000	402764.29138	-0.00848	0.2500
1974:	56	12	45	55	12	44	403099.71509	403099.79505	-0.07996	0.10000	0.00000			
1975:	63	4	59	62	5	58	403106.14812	403106.12228	0.02585	0.10000	0.00000			
1976:	63	5	59	62	4	58	403106.14812	403106.12228	0.02585	0.10000	0.00000	403106.12228	0.02585	0.2500
1977:	63	5	59	62	5	58	403106.14812	403106.12228	0.02585	0.10000	0.00000	403106.12228	0.02585	0.2500
1978:	63	4	59	62	4	58	403106.14812	403106.12228	0.02585	0.10000	0.00000	403106.12228	0.02585	0.2500
1979:	64	3	61	63	3	60	403476.87736	403476.73948	0.13787	0.10000	0.00000	403476.73948	0.13787	0.2500
1980:	64	3	61	63	4	60	403476.87736	403476.73948	0.13787	0.10000	0.00000	403476.73948	0.13787	0.2500
1981:	64	4	61	63	3	60	403476.87736	403476.73948	0.13787	0.10000	0.00000	403476.73948	0.13787	0.2500
1982:	64	4	61	63	4	60	403476.87736	403476.73948	0.13787	0.10000	0.00000	403476.73948	0.13787	0.2500
1983:	55	15	41	54	15	40	403583.05335	403582.89072	0.16262	0.10000	0.00000			
1984:	65	2	63	64	3	62	403864.86816	403864.85647	0.01169	0.10000	0.00000	403864.85647	0.01169	0.2500
1985:	65	3	63	64	2	62	403864.86816	403864.85647	0.01169	0.10000	0.00000	403864.85647	0.01169	0.2500
1986:	65	3	63	64	3	62	403864.86816	403864.85647	0.01169	0.10000	0.00000	403864.85647	0.01169	0.2500
1987:	65	2	63	64	2	62	403864.86816	403864.85647	0.01169	0.10000	0.00000	403864.85647	0.01169	0.2500
1988:	55	14	42	54	14	41	404237.54660	404237.75355	-0.20695	0.10000	0.00000			
1989:	66	1	65	65	1	64	404262.85073	404262.78219	0.06855	0.10000	0.00000	404262.78219	0.06855	0.2500
1990:	66	1	65	65	2	64	404262.85073	404262.78219	0.06855	0.10000	0.00000	404262.78219	0.06855	0.2500
1991:	66	2	65	65	1	64	404262.85073	404262.78219	0.06855	0.10000	0.00000	404262.78219	0.06855	0.2500
1992:	66	2	65	65	2	64	404262.85073	404262.78219	0.06855	0.10000	0.00000	404262.78219	0.06855	0.2500
1993:	67	0	67	66	1	66	404665.15150	404665.16334	-0.01184	0.10000	0.00000	404665.16334	-0.01184	0.2500
1994:	67	1	67	66	0	66	404665.15150	404665.16334	-0.01184	0.10000	0.00000	404665.16334	-0.01184	0.2500
1995:	67	1	67	66	1	66	404665.15150	404665.16334	-0.01184	0.10000	0.00000	404665.16334	-0.01184	0.2500
1996:	67	0	67	66	0	66	404665.15150	404665.16334	-0.01184	0.10000	0.00000	404665.16334	-0.01184	0.2500
1997:	54	14	40	53	14	39	404680.30160	404680.27122	0.03038	0.10000	0.00000			
1998:	57	33	24	56	33	23	404703.45449	404703.55759	-0.10310	0.10000	0.00000			
1999:	56	11	45	55	11	44	404821.27856	404821.28112	-0.00256	0.10000	0.00000			
2000:	57	32	25	56	32	24	404940.83651	404940.89852	-0.06200	0.10000	0.00000	404940.89852	-0.06200	0.5000
2001:	57	32	26	56	32	25	404940.83651	404940.89852	-0.06200	0.10000	0.00000	404940.89852	-0.06200	0.5000
2002:	57	31	27	56	31	26	405198.40937	405198.45857	-0.04920	0.10000	0.00000	405198.45857	-0.04920	0.5000
2003:	57	31	26	56	31	25	405198.40937	405198.45857	-0.04920	0.10000	0.00000	405198.45857	-0.04920	0.5000
2004:	57	29	29	56	29	28	405787.06134	405787.02389	0.03745	0.10000	0.00000	405787.02389	0.03745	0.5000
2005:	57	29	28	56	29	27	405787.06134	405787.02389	0.03745	0.10000	0.00000	405787.02389	0.03745	0.5000
2006:	54	12	42	53	12	41	405897.92705	405897.98604	-0.05899	0.10000	0.00000			
2007:	56	18	39	55	18	38	405912.42066	405912.48870	-0.06804	0.10000	0.00000			
2008:	57	28	29	56	28	28	406126.07418	406126.06635	0.00783	0.10000	0.00000	406126.06635	0.00783	0.5000
2009:	57	28	30	56	28	29	406126.07418	406126.06635	0.00783	0.10000	0.00000	406126.06635	0.00783	0.5000
2010:	57	27	31	56	27	30	406501.83286	406501.76350	0.06936	0.10000	0.00000	406501.76350	0.06936	0.5000
2011:	57	27	30	56	27	29	406501.83286	406501.76350	0.06936	0.10000	0.00000	406501.76350	0.06936	0.5000
2012:	55	15	40	54	15	39	406522.14275	406522.11729	0.02546	0.10000	0.00000			

2013:	57	26	32	56	26	31	406920.76740	406920.70478	0.06262	0.10000	0.00000	406920.70478	0.06262	0.5000
2014:	57	26	31	56	26	30	406920.76740	406920.70478	0.06262	0.10000	0.00000	406920.70478	0.06262	0.5000
2015:	56	17	40	55	17	39	407584.13709	407584.11541	0.02168	0.10000	0.00000			
2016:	56	17	39	55	17	38	407703.61590	407703.56166	0.05424	0.10000	0.00000			
2017:	57	24	33	56	24	32	407923.44633	407923.40804	0.03829	0.10000	0.00000	407923.40803	0.03829	0.5000
2018:	57	24	34	56	24	33	407923.44633	407923.40803	0.03830	0.10000	0.00000	407923.40803	0.03829	0.5000
2019:	59	10	50	58	10	49	408137.59725	408137.83835	-0.24110	0.10000	0.00000			
2020:	59	9	50	58	9	49	408144.05337	408144.26526	-0.21189	0.10000	0.00000			
2021:	61	8	54	60	8	53	408206.68931	408206.66578	0.02353	0.10000	0.00000	408206.67096	0.01835	0.2500
2022:	61	7	54	60	7	53	408206.68931	408206.67614	0.01317	0.10000	0.00000	408206.67096	0.01835	0.2500
2023:	61	8	54	60	7	53	408206.68931	408206.68854	0.00077	0.10000	0.00000	408206.67096	0.01835	0.2500
2024:	61	7	54	60	8	53	408206.68931	408206.65337	0.03593	0.10000	0.00000	408206.67096	0.01835	0.2500
2025:	62	6	56	61	7	55	408439.49639	408439.50317	-0.00678	0.10000	0.00000	408439.50363	-0.00724	0.2500
2026:	62	7	56	61	7	55	408439.49639	408439.50349	-0.00710	0.10000	0.00000	408439.50363	-0.00724	0.2500
2027:	62	6	56	61	6	55	408439.49639	408439.50376	-0.00738	0.10000	0.00000	408439.50363	-0.00724	0.2500
2028:	62	7	56	61	6	55	408439.49639	408439.50408	-0.00769	0.10000	0.00000	408439.50363	-0.00724	0.2500
2029:	58	11	48	57	11	47	408474.64134	408474.63568	0.00566	0.10000	0.00000			
2030:	57	23	35	56	23	34	408531.01483	408531.04273	-0.02790	0.10000	0.00000	408531.04276	-0.02793	0.5000
2031:	57	23	34	56	23	33	408531.01483	408531.04279	-0.02796	0.10000	0.00000	408531.04276	-0.02793	0.5000
2032:	56	13	44	55	13	43	408544.56181	408544.54855	0.01326	0.10000	0.00000			
2033:	58	10	48	57	10	47	408578.35545	408578.30036	0.05509	0.10000	0.00000			
2034:	63	5	58	62	5	57	408740.75001	408740.72113	0.02888	0.10000	0.00000	408740.72113	0.02888	0.2500
2035:	63	5	58	62	6	57	408740.75001	408740.72112	0.02889	0.10000	0.00000	408740.72113	0.02888	0.2500
2036:	63	6	58	62	5	57	408740.75001	408740.72114	0.02887	0.10000	0.00000	408740.72113	0.02888	0.2500
2037:	63	6	58	62	6	57	408740.75001	408740.72113	0.02889	0.10000	0.00000	408740.72113	0.02888	0.2500
2038:	21	19	3	20	18	2	408830.00765	408829.99342	0.01424	0.10000	0.00000	408829.99342	0.01424	0.5000
2039:	21	19	2	20	18	3	408830.00765	408829.99342	0.01424	0.10000	0.00000	408829.99342	0.01424	0.5000
2040:	23	18	6	22	17	5	408906.19288	408906.21785	-0.02497	0.10000	0.00000	408906.21785	-0.02497	0.5000
2041:	23	18	5	22	17	6	408906.19288	408906.21785	-0.02497	0.10000	0.00000	408906.21785	-0.02497	0.5000
2042:	27	16	12	26	15	11	408913.81699	408913.83305	-0.01606	0.10000	0.00000	408913.83305	-0.01606	0.5000
2043:	27	16	11	26	15	12	408913.81699	408913.83305	-0.01606	0.10000	0.00000	408913.83305	-0.01606	0.5000
2044:	57	12	46	56	12	45	409028.65346	409028.58293	0.07053	0.10000	0.00000			
2045:	64	4	60	63	4	59	409085.40433	409085.40915	-0.00482	0.10000	0.00000	409085.40915	-0.00482	0.2500
2046:	64	4	60	63	5	59	409085.40433	409085.40915	-0.00482	0.10000	0.00000	409085.40915	-0.00482	0.2500
2047:	64	5	60	63	4	59	409085.40433	409085.40915	-0.00482	0.10000	0.00000	409085.40915	-0.00482	0.2500
2048:	64	5	60	63	5	59	409085.40433	409085.40915	-0.00482	0.10000	0.00000	409085.40915	-0.00482	0.2500
2049:	57	22	35	56	22	34	409231.81092	409231.78168	0.02924	0.10000	0.00000	409231.78115	0.02977	0.5000
2050:	57	22	36	56	22	35	409231.81092	409231.78063	0.03029	0.10000	0.00000	409231.78115	0.02977	0.5000
2051:	65	3	62	64	4	61	409457.53686	409457.54495	-0.00809	0.10000	0.00000	409457.54495	-0.00809	0.2500
2052:	65	4	62	64	3	61	409457.53686	409457.54495	-0.00809	0.10000	0.00000	409457.54495	-0.00809	0.2500
2053:	65	4	62	64	4	61	409457.53686	409457.54495	-0.00809	0.10000	0.00000	409457.54495	-0.00809	0.2500
2054:	65	3	62	64	3	61	409457.53686	409457.54495	-0.00809	0.10000	0.00000	409457.54495	-0.00809	0.2500
2055:	56	16	41	55	16	40	409572.26159	409572.23374	0.02785	0.10000	0.00000			
2056:	66	2	64	65	3	63	409846.43253	409846.42972	0.00281	0.10000	0.00000	409846.42972	0.00281	0.3333
2057:	66	3	64	65	2	63	409846.43253	409846.42972	0.00281	0.10000	0.00000	409846.42972	0.00281	0.3333
2058:	66	2	64	65	2	63	409846.43253	409846.42972	0.00281	0.10000	0.00000	409846.42972	0.00281	0.3333
2059:	57	21	36	56	21	35	410049.75825	410049.76479	-0.00653	0.10000	0.00000	410049.75679	0.00146	0.5000
2060:	57	21	37	56	21	36	410049.75825	410049.74879	0.00946	0.10000	0.00000	410049.75679	0.00146	0.5000
2061:	57	11	46	56	11	45	410188.59458	410188.59186	0.00273	0.10000	0.00000			

2062:	67	1	66	66	1	65	410244.72713	410244.72040	0.00673	0.10000	0.00000	410244.72040	0.00673	0.2500
2063:	67	1	66	66	2	65	410244.72713	410244.72040	0.00673	0.10000	0.00000	410244.72040	0.00673	0.2500
2064:	67	2	66	66	1	65	410244.72713	410244.72040	0.00673	0.10000	0.00000	410244.72040	0.00673	0.2500
2065:	67	2	66	66	2	65	410244.72713	410244.72040	0.00673	0.10000	0.00000	410244.72040	0.00673	0.2500
2066:	56	16	40	55	16	39	410408.07019	410408.06294	0.00725	0.10000	0.00000			
2067:	54	13	41	53	13	40	410622.71310	410622.78330	-0.07020	0.10000	0.00000			
2068:	68	1	68	67	0	67	410647.26674	410647.27377	-0.00703	0.10000	0.00000	410647.27377	-0.00703	0.3333
2069:	68	1	68	67	1	67	410647.26674	410647.27377	-0.00703	0.10000	0.00000	410647.27377	-0.00703	0.3333
2070:	68	0	68	67	0	67	410647.26674	410647.27377	-0.00703	0.10000	0.00000	410647.27377	-0.00703	0.3333
2071:	58	39	20	57	39	18	410726.77464	410726.47961	0.29504	0.10000	0.00000	410726.47961	0.29504	0.5000
2072:	58	39	19	57	39	18	410726.77464	410726.47961	0.29504	0.10000	0.00000	410726.47961	0.29504	0.5000
2073:	55	12	43	54	12	42	410886.06694	410886.07486	-0.00792	0.10000	0.00000			
2074:	57	20	38	56	20	37	411019.19461	411018.87677	0.31785	0.10000	0.00000	411018.98366	0.21095	0.5000
2075:	57	20	37	56	20	36	411019.19461	411019.09056	0.10405	0.10000	0.00000	411018.98366	0.21095	0.5000
2076:	56	15	42	55	15	41	411352.10610	411352.11267	-0.00657	0.10000	0.00000			
2077:	56	14	43	55	14	42	411459.78848	411459.78766	0.00082	0.10000	0.00000			
2078:	58	34	25	57	34	24	411669.35563	411669.45380	-0.09817	0.10000	0.00000	411669.45380	-0.09817	0.5000
2079:	58	34	24	57	34	23	411669.35563	411669.45380	-0.09817	0.10000	0.00000	411669.45380	-0.09817	0.5000
2080:	58	32	27	57	32	26	412149.28883	412149.36081	-0.07198	0.10000	0.00000	412149.36081	-0.07198	0.5000
2081:	58	32	26	57	32	25	412149.28883	412149.36081	-0.07198	0.10000	0.00000	412149.36081	-0.07198	0.5000
2082:	57	19	39	56	19	38	412188.48868	412188.60201	-0.11333	0.10000	0.00000			
2083:	57	19	38	56	19	37	412191.13861	412191.07777	0.06084	0.10000	0.00000			
2084:	58	31	28	57	31	27	412419.98526	412420.07508	-0.08982	0.10000	0.00000	412420.07508	-0.08982	0.5000
2085:	58	31	27	57	31	26	412419.98526	412420.07508	-0.08982	0.10000	0.00000	412420.07508	-0.08982	0.5000
2086:	58	30	29	57	30	28	412715.53161	412715.44380	0.08781	0.10000	0.00000	412715.44380	0.08781	0.5000
2087:	58	30	28	57	30	27	412715.53161	412715.44380	0.08781	0.10000	0.00000	412715.44380	0.08781	0.5000
2088:	58	29	30	57	29	29	413039.47214	413039.34299	0.12915	0.10000	0.00000	413039.34299	0.12915	0.5000
2089:	58	29	29	57	29	28	413039.47214	413039.34299	0.12915	0.10000	0.00000	413039.34299	0.12915	0.5000
2090:	58	28	31	57	28	30	413396.40780	413396.45374	-0.04594	0.10000	0.00000	413396.45374	-0.04594	0.5000
2091:	58	28	30	57	28	29	413396.40780	413396.45374	-0.04594	0.10000	0.00000	413396.45374	-0.04594	0.5000
2092:	57	18	40	56	18	39	413630.22798	413630.23466	-0.00667	0.10000	0.00000			
2093:	57	18	39	56	18	38	413654.69609	413654.68498	0.01110	0.10000	0.00000			
2094:	58	27	32	57	27	31	413792.46571	413792.48722	-0.02151	0.10000	0.00000	413792.48722	-0.02151	0.5000
2095:	58	27	31	57	27	30	413792.46571	413792.48722	-0.02151	0.10000	0.00000	413792.48722	-0.02151	0.5000
2096:	61	9	53	60	9	52	414029.45339	414029.38094	0.07245	0.10000	0.00000	414029.46450	-0.01111	0.2500
2097:	61	8	53	60	8	52	414029.45339	414029.54807	-0.09468	0.10000	0.00000	414029.46450	-0.01111	0.2500
2098:	61	9	53	60	8	52	414029.45339	414029.76043	-0.30704	0.10000	0.00000	414029.46450	-0.01111	0.2500
2099:	61	8	53	60	9	52	414029.45339	414029.16858	0.28481	0.10000	0.00000	414029.46450	-0.01111	0.2500
2100:	60	10	51	59	10	50	414055.37873	414055.31476	0.06397	0.10000	0.00000			
2101:	60	9	51	59	9	50	414059.11514	414059.08955	0.02559	0.10000	0.00000			
2102:	62	8	55	61	8	54	414168.96218	414169.02449	-0.06231	0.10000	0.00000	414169.02733	-0.06515	0.2500
2103:	62	7	55	61	7	54	414168.96218	414169.03016	-0.06798	0.10000	0.00000	414169.02733	-0.06515	0.2500
2104:	62	8	55	61	7	54	414168.96218	414169.03690	-0.07472	0.10000	0.00000	414169.02733	-0.06515	0.2500
2105:	62	7	55	61	8	54	414168.96218	414169.01776	-0.05558	0.10000	0.00000	414169.02733	-0.06515	0.2500
2106:	58	26	33	57	26	32	414234.46355	414234.49341	-0.02986	0.10000	0.00000	414234.49341	-0.02986	0.5000
2107:	58	26	32	57	26	31	414234.46355	414234.49341	-0.02986	0.10000	0.00000	414234.49341	-0.02986	0.5000
2108:	55	14	41	54	14	40	414239.71949	414239.67254	0.04694	0.10000	0.00000			
2109:	59	11	49	58	11	48	414347.49612	414347.59516	-0.09904	0.10000	0.00000			
2110:	63	6	57	62	7	56	414410.70443	414410.63112	0.07331	0.10000	0.00000	414410.63136	0.07307	0.2500

2111:	63	7	57	62	7	56	414410.70443	414410.63129	0.07315	0.10000	0.00000	414410.63136	0.07307	0.2500
2112:	63	6	57	62	6	56	414410.70443	414410.63143	0.07300	0.10000	0.00000	414410.63136	0.07307	0.2500
2113:	63	7	57	62	6	56	414410.70443	414410.63160	0.07283	0.10000	0.00000	414410.63136	0.07307	0.2500
2114:	64	5	59	63	6	58	414716.72808	414716.73231	-0.00423	0.10000	0.00000	414716.73231	-0.00423	0.2500
2115:	64	6	59	63	5	58	414716.72808	414716.73232	-0.00424	0.10000	0.00000	414716.73231	-0.00423	0.2500
2116:	64	6	59	63	6	58	414716.72808	414716.73231	-0.00423	0.10000	0.00000	414716.73231	-0.00423	0.2500
2117:	64	5	59	63	5	58	414716.72808	414716.73231	-0.00424	0.10000	0.00000	414716.73231	-0.00423	0.2500
2118:	58	25	34	57	25	33	414731.29457	414731.29438	0.00019	0.10000	0.00000	414731.29438	0.00019	0.5000
2119:	58	25	33	57	25	32	414731.29457	414731.29439	0.00019	0.10000	0.00000	414731.29438	0.00019	0.5000
2120:	57	13	45	56	13	44	414852.04855	414852.04341	0.00515	0.10000	0.00000			
2121:	58	12	47	57	12	46	414918.76285	414918.70605	0.05680	0.10000	0.00000			
2122:	65	4	61	64	5	60	415064.11274	415064.11404	-0.00129	0.10000	0.00000	415064.11404	-0.00129	0.2500
2123:	65	5	61	64	4	60	415064.11274	415064.11404	-0.00129	0.10000	0.00000	415064.11404	-0.00129	0.2500
2124:	65	5	61	64	4	60	415064.11274	415064.11404	-0.00129	0.10000	0.00000	415064.11404	-0.00129	0.2500
2125:	65	4	61	64	4	60	415064.11274	415064.11404	-0.00129	0.10000	0.00000	415064.11404	-0.00129	0.2500
2126:	66	3	63	65	3	62	415437.69270	415437.69275	-0.00005	0.10000	0.00000	415437.69275	-0.00005	0.2500
2127:	66	3	63	65	4	62	415437.69270	415437.69275	-0.00005	0.10000	0.00000	415437.69275	-0.00005	0.2500
2128:	66	4	63	65	3	62	415437.69270	415437.69275	-0.00005	0.10000	0.00000	415437.69275	-0.00005	0.2500
2129:	66	4	63	65	4	62	415437.69270	415437.69275	-0.00005	0.10000	0.00000	415437.69275	-0.00005	0.2500
2130:	56	15	41	55	15	40	415608.60858	415608.61031	-0.00172	0.10000	0.00000			
2131:	56	12	44	55	12	43	415613.97871	415613.97862	0.00009	0.10000	0.00000			
2132:	57	17	40	56	17	39	415620.04384	415620.04484	-0.00101	0.10000	0.00000			
2133:	58	11	47	57	11	46	415686.19588	415686.19066	0.00522	0.10000	0.00000			
2134:	67	2	65	66	3	64	415827.31412	415827.31371	0.00042	0.10000	0.00000	415827.31371	0.00042	0.2500
2135:	67	3	65	66	2	64	415827.31412	415827.31371	0.00042	0.10000	0.00000	415827.31371	0.00042	0.2500
2136:	67	3	65	66	3	64	415827.31412	415827.31371	0.00042	0.10000	0.00000	415827.31371	0.00042	0.2500
2137:	67	2	65	66	2	64	415827.31412	415827.31371	0.00042	0.10000	0.00000	415827.31371	0.00042	0.2500
2138:	22	19	3	21	18	4	415895.92712	415895.94038	-0.01326	0.10000	0.00000	415895.94038	-0.01326	0.5000
2139:	22	19	4	21	18	3	415895.92712	415895.94038	-0.01326	0.10000	0.00000	415895.94038	-0.01326	0.5000
2140:	58	23	35	57	23	34	415937.50724	415937.48613	0.02111	0.10000	0.00000	415937.48606	0.02118	0.5000
2141:	58	23	36	57	23	35	415937.50724	415937.48600	0.02124	0.10000	0.00000	415937.48606	0.02118	0.5000
2142:	24	18	7	23	17	6	415964.60404	415964.57328	0.03076	0.10000	0.00000	415964.57328	0.03076	0.5000
2143:	24	18	6	23	17	7	415964.60404	415964.57328	0.03076	0.10000	0.00000	415964.57328	0.03076	0.5000
2144:	68	1	67	67	2	66	416225.95766	416225.95899	-0.00133	0.10000	0.00000	416225.95899	-0.00133	0.2500
2145:	68	2	67	67	1	66	416225.95766	416225.95899	-0.00133	0.10000	0.00000	416225.95899	-0.00133	0.2500
2146:	68	2	67	67	2	66	416225.95766	416225.95899	-0.00133	0.10000	0.00000	416225.95899	-0.00133	0.2500
2147:	68	1	67	67	1	66	416225.95766	416225.95899	-0.00133	0.10000	0.00000	416225.95899	-0.00133	0.2500
2148:	69	0	69	68	0	68	416628.68773	416628.68320	0.00452	0.10000	0.00000	416628.68320	0.00452	0.2500
2149:	69	0	69	68	1	68	416628.68773	416628.68320	0.00452	0.10000	0.00000	416628.68320	0.00452	0.2500
2150:	69	1	69	68	0	68	416628.68773	416628.68320	0.00452	0.10000	0.00000	416628.68320	0.00452	0.2500
2151:	69	1	69	68	1	68	416628.68773	416628.68320	0.00452	0.10000	0.00000	416628.68320	0.00452	0.2500
2152:	58	22	36	57	22	35	416680.78387	416680.74543	0.03844	0.10000	0.00000	416680.74432	0.03955	0.5000
2153:	58	22	37	57	22	36	416680.78387	416680.74321	0.04067	0.10000	0.00000	416680.74432	0.03955	0.5000
2154:	57	16	42	56	16	41	417470.08986	417470.07933	0.01053	0.10000	0.00000			
2155:	58	21	37	57	21	36	417550.35997	417550.34433	0.01564	0.10000	0.00000	417550.32808	0.03188	0.5000
2156:	58	21	38	57	21	37	417550.35997	417550.31184	0.04813	0.10000	0.00000	417550.32808	0.03188	0.5000
2157:	55	13	42	54	13	41	418221.54423	418221.40276	0.14146	0.10000	0.00000			
2158:	57	14	44	56	14	43	418500.36315	418500.34945	0.01370	0.10000	0.00000			
2159:	58	20	38	57	20	37	418583.87508	418584.09489	-0.21981	0.10000	0.00000	418583.88770	-0.01262	0.5000

2160:	58	20	39	57	20	38	418583.87508	418583.68051	0.19457	0.10000	0.00000	418583.88770	-0.01262	0.5000
2161:	57	16	41	56	16	40	418779.36373	418779.13462	0.22911	0.10000	0.00000			
2162:	57	15	43	56	15	42	419036.20372	419036.12974	0.07398	0.10000	0.00000			
2163:	59	32	28	58	32	27	419363.48511	419363.41806	0.06705	0.10000	0.00000	419363.41806	0.06705	0.5000
2164:	59	32	27	58	32	26	419363.48511	419363.41806	0.06705	0.10000	0.00000	419363.41806	0.06705	0.5000
2165:	59	30	30	58	30	29	419958.03006	419958.25343	-0.22337	0.10000	0.00000	419958.25343	-0.22337	0.5000
2166:	59	30	29	58	30	28	419958.03006	419958.25343	-0.22337	0.10000	0.00000	419958.25343	-0.22337	0.5000
2167:	63	7	56	62	8	55	420131.87045	420131.86084	0.00961	0.10000	0.00000	420131.86603	0.00442	0.2500
2168:	63	8	56	62	8	55	420131.87045	420131.86448	0.00597	0.10000	0.00000	420131.86603	0.00442	0.2500
2169:	63	7	56	62	7	55	420131.87045	420131.86757	0.00288	0.10000	0.00000	420131.86603	0.00442	0.2500
2170:	63	8	56	62	7	55	420131.87045	420131.87122	-0.00077	0.10000	0.00000	420131.86603	0.00442	0.2500
2171:	60	11	50	59	11	49	420225.72662	420225.67052	0.05611	0.10000	0.00000			
2172:	60	10	50	59	10	49	420264.72968	420264.72045	0.00923	0.10000	0.00000			
2173:	57	12	45	56	12	44	420280.63580	420280.68368	-0.04788	0.10000	0.00000			
2174:	59	29	31	58	29	30	420299.14605	420298.95257	0.19347	0.10000	0.00000	420298.95257	0.19347	0.5000
2175:	59	29	30	58	29	29	420299.14605	420298.95257	0.19347	0.10000	0.00000	420298.95257	0.19347	0.5000
2176:	59	28	31	58	28	30	420674.86110	420674.86633	-0.00524	0.10000	0.00000	420674.86633	-0.00524	0.5000
2177:	59	28	32	58	28	31	420674.86110	420674.86633	-0.00524	0.10000	0.00000	420674.86633	-0.00524	0.5000
2178:	65	5	60	64	6	59	420692.29086	420692.29229	-0.00142	0.10000	0.00000	420692.29229	-0.00142	0.2500
2179:	65	6	60	64	6	59	420692.29086	420692.29229	-0.00142	0.10000	0.00000	420692.29229	-0.00142	0.2500
2180:	65	6	60	64	5	59	420692.29086	420692.29229	-0.00143	0.10000	0.00000	420692.29229	-0.00143	0.2500
2181:	65	5	60	64	5	59	420692.29086	420692.29229	-0.00143	0.10000	0.00000	420692.29229	-0.00143	0.2500
2182:	59	12	48	58	12	47	420784.84189	420784.83429	-0.00143	0.10000	0.00000	420692.29229	-0.00143	0.2500
2183:	58	13	46	57	13	45	421026.25510	421026.21620	0.00760	0.10000	0.00000			
2184:	66	4	62	65	4	61	421042.21826	421042.21761	0.003891	0.10000	0.00000			
2185:	66	4	62	65	5	61	421042.21826	421042.21761	0.00065	0.10000	0.00000	421042.21761	0.00065	0.2500
2186:	66	5	62	65	4	61	421042.21826	421042.21761	0.00065	0.10000	0.00000	421042.21761	0.00065	0.2500
2187:	66	5	62	65	5	61	421042.21826	421042.21761	0.00065	0.10000	0.00000	421042.21761	0.00065	0.2500
2188:	21	16	6	21	14	7	421092.09095	421091.90815	0.18280	0.10000	0.00000	421091.90815	0.18280	0.5000
2189:	21	16	5	21	14	8	421092.09095	421091.90815	0.18280	0.10000	0.00000	421091.90815	0.18280	0.5000
2190:	58	18	41	57	18	40	421383.28986	421383.25505	0.03481	0.10000	0.00000			
2191:	67	3	64	66	4	63	421417.16865	421417.16929	-0.00065	0.10000	0.00000	421417.16929	-0.00065	0.3333
2192:	67	4	64	66	4	63	421417.16865	421417.16929	-0.00065	0.10000	0.00000	421417.16929	-0.00065	0.3333
2193:	67	3	64	66	3	63	421417.16865	421417.16929	-0.00065	0.10000	0.00000	421417.16929	-0.00065	0.3333
2194:	58	18	40	57	18	39	421426.14291	421426.09795	0.04495	0.10000	0.00000			
2195:	59	26	33	58	26	32	421558.19486	421558.16795	0.02692	0.10000	0.00000			
2196:	68	2	66	67	2	65	421807.49012	421807.49716	-0.00704	0.10000	0.00000	421807.49716	-0.00704	0.2500
2197:	68	2	66	67	3	65	421807.49012	421807.49716	-0.00704	0.10000	0.00000	421807.49716	-0.00704	0.2500
2198:	68	3	66	67	2	65	421807.49012	421807.49716	-0.00704	0.10000	0.00000	421807.49716	-0.00704	0.2500
2199:	68	3	66	67	3	65	421807.49012	421807.49716	-0.00704	0.10000	0.00000	421807.49716	-0.00704	0.2500
2200:	59	25	35	58	25	34	422082.63410	422082.56610	0.06799	0.10000	0.00000	422082.56610	0.06799	0.5000
2201:	59	25	34	58	25	33	422082.63410	422082.56610	0.06799	0.10000	0.00000	422082.56610	0.06799	0.5000
2202:	69	1	68	68	2	67	422206.49548	422206.48748	0.00801	0.10000	0.00000	422206.48748	0.00801	0.2500
2203:	69	2	68	68	1	67	422206.49548	422206.48748	0.00801	0.10000	0.00000	422206.48748	0.00801	0.2500
2204:	69	2	68	68	2	67	422206.49548	422206.48748	0.00801	0.10000	0.00000	422206.48748	0.00801	0.2500
2205:	69	1	68	68	1	67	422206.49548	422206.48748	0.00801	0.10000	0.00000	422206.48748	0.00801	0.2500
2206:	70	0	70	69	0	69	422609.38976	422609.38134	0.00842	0.10000	0.00000	422609.38134	0.00842	0.2500
2207:	70	0	70	69	1	69	422609.38976	422609.38134	0.00842	0.10000	0.00000	422609.38134	0.00842	0.2500
2208:	70	1	70	69	0	69	422609.38976	422609.38134	0.00842	0.10000	0.00000	422609.38134	0.00842	0.2500

2209:	70	1	70	69	1	69	422609.38976	422609.38134	0.00842	0.10000	0.00000	422609.38134	0.00842	0.2500
2210:	31	15	16	30	14	17	422616.89512	422616.90597	-0.01085	0.10000	0.00000	422616.90322	-0.00810	0.5000
2211:	31	15	17	30	14	16	422616.89512	422616.90046	-0.00534	0.10000	0.00000	422616.90322	-0.00810	0.5000
2212:	59	24	36	58	24	35	422677.34660	422677.36966	-0.02306	0.10000	0.00000	422677.36967	-0.02307	0.5000
2213:	59	24	35	58	24	34	422677.34660	422677.36968	-0.02306	0.10000	0.00000	422677.36967	-0.02307	0.5000
2214:	21	20	1	20	19	2	422876.59304	422876.59361	-0.00057	0.10000	0.00000	422876.59361	-0.00057	0.5000
2215:	21	20	2	20	19	1	422876.59304	422876.59361	-0.00057	0.10000	0.00000	422876.59361	-0.00057	0.5000
2216:	59	23	36	58	23	35	423358.32981	423358.32287	0.00694	0.10000	0.00000			
2217:	58	17	41	57	17	40	423620.06853	423620.03739	0.03114	0.10000	0.00000			
2218:	56	14	42	55	14	41	423634.81722	423634.83569	-0.01847	0.10000	0.00000			
2219:	59	22	37	58	22	36	424146.47642	424146.46416	0.01226	0.10000	0.00000	424146.46183	0.01459	0.5000
2220:	59	22	38	58	22	37	424146.47642	424146.45950	0.01692	0.10000	0.00000	424146.46183	0.01459	0.5000
2221:	57	15	42	56	15	41	424979.92643	424979.91864	0.00780	0.10000	0.00000			
2222:	58	12	46	57	12	45	425034.64081	425034.71409	-0.07328	0.10000	0.00000			
2223:	59	21	38	58	21	37	425070.85173	425070.84614	0.00558	0.10000	0.00000			
2224:	56	13	43	55	13	42	425079.44106	425079.45234	-0.01128	0.10000	0.00000			
2225:	58	14	45	57	14	44	425351.82573	425351.72447	0.10126	0.10000	0.00000			
2226:	58	16	43	57	16	42	425359.92932	425359.93841	-0.00909	0.10000	0.00000			
2227:	63	9	55	62	9	54	425927.37311	425927.35692	0.01619	0.10000	0.00000	425927.38325	-0.01014	0.2500
2228:	63	8	55	62	8	54	425927.37311	425927.40958	-0.03646	0.10000	0.00000	425927.38325	-0.01014	0.2500
2229:	63	9	55	62	8	54	425927.37311	425927.47527	-0.10215	0.10000	0.00000	425927.38325	-0.01014	0.2500
2230:	63	8	55	62	9	54	425927.37311	425927.29123	0.08188	0.10000	0.00000	425927.38325	-0.01014	0.2500
2231:	64	7	57	63	8	56	426095.07942	426095.06603	0.01339	0.10000	0.00000	426095.06884	0.01058	0.2500
2232:	64	8	57	63	8	56	426095.07942	426095.06800	0.01142	0.10000	0.00000	426095.06884	0.01058	0.2500
2233:	64	7	57	63	7	56	426095.07942	426095.06968	0.00974	0.10000	0.00000	426095.06884	0.01058	0.2500
2234:	64	8	57	63	7	56	426095.07942	426095.07165	0.00778	0.10000	0.00000	426095.06884	0.01058	0.2500
2235:	61	11	51	60	11	50	426109.54931	426109.56960	-0.02029	0.10000	0.00000			
2236:	61	10	51	60	10	50	426133.16368	426133.23569	-0.07201	0.10000	0.00000			
2237:	65	6	59	64	6	58	426352.43136	426352.39877	0.03258	0.10000	0.00000	426352.39875	0.03260	0.2500
2238:	65	7	59	64	6	58	426352.43136	426352.39882	0.03254	0.10000	0.00000	426352.39875	0.03260	0.2500
2239:	65	7	59	64	7	58	426352.43136	426352.39873	0.03262	0.10000	0.00000	426352.39875	0.03260	0.2500
2240:	65	6	59	64	7	58	426352.43136	426352.39869	0.03267	0.10000	0.00000	426352.39875	0.03260	0.2500
2241:	60	32	28	59	32	27	426583.13717	426583.19021	-0.05304	0.10000	0.00000	426583.19021	-0.05304	0.5000
2242:	60	32	29	59	32	28	426583.13717	426583.19021	-0.05304	0.10000	0.00000	426583.19021	-0.05304	0.5000
2243:	58	15	44	57	15	43	426605.41064	426605.34978	0.06086	0.10000	0.00000			
2244:	60	12	49	59	12	48	426638.09217	426638.04775	0.04442	0.10000	0.00000			
2245:	66	5	61	65	6	60	426667.43139	426667.37053	0.06086	0.10000	0.00000	426667.37053	0.06086	0.2500
2246:	66	6	61	65	5	60	426667.43139	426667.37053	0.06086	0.10000	0.00000	426667.37053	0.06086	0.2500
2247:	66	6	61	65	6	60	426667.43139	426667.37053	0.06086	0.10000	0.00000	426667.37053	0.06086	0.2500
2248:	66	5	61	65	5	60	426667.43139	426667.37053	0.06086	0.10000	0.00000	426667.37053	0.06086	0.2500
2249:	60	11	49	59	11	48	426959.52243	426959.34442	0.17801	0.10000	0.00000			
2250:	67	4	63	66	4	62	427019.69529	427019.70134	-0.00605	0.10000	0.00000	427019.70134	-0.00605	0.2500
2251:	67	4	63	66	5	62	427019.69529	427019.70134	-0.00605	0.10000	0.00000	427019.70134	-0.00605	0.2500
2252:	67	5	63	66	4	62	427019.69529	427019.70134	-0.00605	0.10000	0.00000	427019.70134	-0.00605	0.2500
2253:	67	5	63	66	5	62	427019.69529	427019.70134	-0.00605	0.10000	0.00000	427019.70134	-0.00605	0.2500
2254:	59	13	47	58	13	46	427091.34931	427091.37399	-0.02468	0.10000	0.00000			
2255:	58	16	42	57	16	41	427362.11266	427362.02588	0.08679	0.10000	0.00000			
2256:	68	3	65	67	4	64	427395.95224	427395.96127	-0.00903	0.10000	0.00000	427395.96127	-0.00903	0.2500
2257:	68	4	65	67	3	64	427395.95224	427395.96127	-0.00903	0.10000	0.00000	427395.96127	-0.00903	0.2500

2258:	68	4	65	67	4	64	427395.95224	427395.96127	-0.00903	0.10000	0.00000	427395.96127	-0.00903	0.2500
2259:	68	3	65	67	3	64	427395.95224	427395.96127	-0.00903	0.10000	0.00000	427395.96127	-0.00903	0.2500
2260:	59	19	40	58	19	39	427521.49590	427521.46839	0.02751	0.10000	0.00000			
2261:	60	29	31	59	29	30	427565.99019	427566.02722	-0.03703	0.10000	0.00000	427566.02722	-0.03703	0.5000
2262:	60	29	32	59	29	31	427565.99019	427566.02722	-0.03703	0.10000	0.00000	427566.02722	-0.03703	0.5000
2263:	69	2	67	68	3	66	427786.96295	427786.96887	-0.00591	0.10000	0.00000	427786.96887	-0.00591	0.2500
2264:	69	3	67	68	2	66	427786.96295	427786.96887	-0.00591	0.10000	0.00000	427786.96887	-0.00591	0.2500
2265:	69	3	67	68	3	66	427786.96295	427786.96887	-0.00591	0.10000	0.00000	427786.96887	-0.00591	0.2500
2266:	69	2	67	68	2	66	427786.96295	427786.96887	-0.00591	0.10000	0.00000	427786.96887	-0.00591	0.2500
2267:	60	28	33	59	28	32	427961.43194	427961.50588	-0.07394	0.10000	0.00000	427961.50588	-0.07394	0.5000
2268:	60	28	32	59	28	31	427961.43194	427961.50588	-0.07394	0.10000	0.00000	427961.50588	-0.07394	0.5000
2269:	70	1	69	69	1	68	428186.30182	428186.29536	0.00646	0.10000	0.00000	428186.29536	0.00646	0.2500
2270:	70	1	69	69	2	68	428186.30182	428186.29536	0.00646	0.10000	0.00000	428186.29536	0.00646	0.2500
2271:	70	2	69	69	1	68	428186.30182	428186.29536	0.00646	0.10000	0.00000	428186.29536	0.00646	0.2500
2272:	70	2	69	69	2	68	428186.30182	428186.29536	0.00646	0.10000	0.00000	428186.29536	0.00646	0.2500
2273:	60	27	34	59	27	33	428400.80426	428400.80937	-0.00511	0.10000	0.00000	428400.80937	-0.00511	0.5000
2274:	60	27	33	59	27	32	428400.80426	428400.80937	-0.00511	0.10000	0.00000	428400.80937	-0.00511	0.5000
2275:	71	0	71	70	1	70	428589.36534	428589.35787	0.00747	0.10000	0.00000	428589.35787	0.00747	0.2500
2276:	71	1	71	70	0	70	428589.36534	428589.35787	0.00747	0.10000	0.00000	428589.35787	0.00747	0.2500
2277:	71	1	71	70	1	70	428589.36534	428589.35787	0.00747	0.10000	0.00000	428589.35787	0.00747	0.2500
2278:	71	0	71	70	0	70	428589.36534	428589.35787	0.00747	0.10000	0.00000	428589.35787	0.00747	0.2500
2279:	60	26	34	59	26	33	428892.01084	428892.00907	0.00176	0.10000	0.00000	428892.00907	0.00176	0.5000
2280:	60	26	35	59	26	34	428892.01084	428892.00907	0.00176	0.10000	0.00000	428892.00907	0.00176	0.5000
2281:	59	18	42	58	18	41	429172.77001	429172.75475	0.01526	0.10000	0.00000			
2282:	60	25	36	59	25	35	429445.28295	429445.26780	0.01515	0.10000	0.00000	429445.26780	0.01515	0.5000
2283:	60	25	35	59	25	34	429445.28295	429445.26780	0.01515	0.10000	0.00000	429445.26780	0.01515	0.5000
2284:	30	16	14	29	15	15	429908.11971	429908.02046	0.09925	0.10000	0.00000	429908.02042	0.09929	0.5000
2285:	30	16	15	29	15	14	429908.11971	429908.02039	0.09932	0.10000	0.00000	429908.02042	0.09929	0.5000
2286:	22	20	3	21	19	2	429942.96393	429942.98662	-0.02269	0.10000	0.00000	429942.98662	-0.02269	0.5000
2287:	22	20	2	21	19	3	429942.96393	429942.98662	-0.02269	0.10000	0.00000	429942.98662	-0.02269	0.5000
2288:	59	12	47	58	12	46	429955.46190	429955.28073	0.18117	0.10000	0.00000			
2289:	24	19	6	23	18	5	430020.92842	430020.91806	0.01036	0.10000	0.00000	430020.91806	0.01036	0.5000
2290:	24	19	5	23	18	6	430020.92842	430020.91806	0.01036	0.10000	0.00000	430020.91806	0.01036	0.5000
2291:	28	17	11	27	16	12	430050.89522	430050.76087	0.13435	0.10000	0.00000	430050.76087	0.13435	0.5000
2292:	28	17	12	27	16	11	430050.89522	430050.76087	0.13435	0.10000	0.00000	430050.76087	0.13435	0.5000
2293:	26	18	9	25	17	8	430068.10051	430068.09220	0.00831	0.10000	0.00000	430068.09220	0.00831	0.5000
2294:	26	18	8	25	17	9	430068.10051	430068.09220	0.00831	0.10000	0.00000	430068.09220	0.00831	0.5000
2295:	60	24	36	59	24	35	430073.62899	430073.60973	0.01926	0.10000	0.00000	430073.60971	0.01928	0.5000
2296:	60	24	37	59	24	36	430073.62899	430073.60969	0.01929	0.10000	0.00000	430073.60971	0.01928	0.5000
2297:	60	23	37	59	23	36	430794.10618	430794.08899	0.01719	0.10000	0.00000	430794.08868	0.01750	0.5000
2298:	60	23	38	59	23	37	430794.10618	430794.08836	0.01782	0.10000	0.00000	430794.08868	0.01750	0.5000
2299:	59	17	43	58	17	42	431186.58836	431186.56070	0.02767	0.10000	0.00000			
2300:	57	13	44	56	13	43	431204.96481	431205.16038	-0.17557	0.10000	0.00000			
2301:	60	22	38	59	22	37	431629.69533	431629.64569	0.04963	0.10000	0.00000	431629.64090	0.05443	0.5000
2302:	60	22	39	59	22	38	431629.69533	431629.63611	0.05922	0.10000	0.00000	431629.64090	0.05443	0.5000
2303:	59	17	42	58	17	41	431724.61731	431724.54588	0.07143	0.10000	0.00000			
2304:	64	8	56	63	9	55	431878.40922	431878.35182	0.05740	0.10000	0.00000	431878.40772	0.00150	0.3333
2305:	64	8	56	63	8	55	431878.40922	431878.41751	-0.00829	0.10000	0.00000	431878.40772	0.00150	0.3333
2306:	64	9	56	63	8	55	431878.40922	431878.45383	-0.04461	0.10000	0.00000	431878.40772	0.00150	0.3333

2307:	62	11	52	61	11	51	431999.43957	431999.44249	-0.00293	0.10000	0.00000	432322.92846	-0.01585	0.2500
2308:	66	7	60	65	7	59	432322.91261	432322.92845	-0.01584	0.10000	0.00000	432322.92846	-0.01585	0.2500
2309:	66	6	60	65	6	59	432322.91261	432322.92847	-0.01586	0.10000	0.00000	432322.92846	-0.01585	0.2500
2310:	66	7	60	65	6	59	432322.91261	432322.92849	-0.01589	0.10000	0.00000	432322.92846	-0.01585	0.2500
2311:	66	6	60	65	7	59	432322.91261	432322.92842	-0.01582	0.10000	0.00000	432322.92846	-0.01585	0.2500
2312:	61	12	50	60	12	49	432486.33446	432486.25679	0.07767	0.10000	0.00000			
2313:	60	21	39	59	21	38	432612.17925	432612.25504	-0.07579	0.10000	0.00000	432612.19118	-0.01193	0.5000
2314:	60	21	40	59	21	39	432612.17925	432612.12733	0.05192	0.10000	0.00000	432612.19118	-0.01193	0.5000
2315:	67	5	62	66	5	61	432641.97464	432641.93841	0.03624	0.10000	0.00000	432641.93841	0.03624	0.3333
2316:	67	6	62	66	5	61	432641.97464	432641.93841	0.03624	0.10000	0.00000	432641.93841	0.03624	0.3333
2317:	67	6	62	66	6	61	432641.97464	432641.93841	0.03624	0.10000	0.00000	432641.93841	0.03624	0.3333
2318:	60	13	48	59	13	47	433071.71973	433071.83681	-0.11708	0.10000	0.00000			
2319:	69	3	66	68	4	65	433374.02957	433374.05563	-0.02606	0.10000	0.00000	433374.05563	-0.02606	0.2500
2320:	69	4	66	68	3	65	433374.02957	433374.05563	-0.02606	0.10000	0.00000	433374.05563	-0.02606	0.2500
2321:	69	4	66	68	4	65	433374.02957	433374.05563	-0.02606	0.10000	0.00000	433374.05563	-0.02606	0.2500
2322:	69	3	66	68	3	65	433374.02957	433374.05563	-0.02606	0.10000	0.00000	433374.05563	-0.02606	0.2500
2323:	70	2	68	69	2	67	433765.69134	433765.71769	-0.02635	0.10000	0.00000	433765.71769	-0.02635	0.2500
2324:	70	2	68	69	3	67	433765.69134	433765.71769	-0.02635	0.10000	0.00000	433765.71769	-0.02635	0.2500
2325:	70	3	68	69	2	67	433765.69134	433765.71769	-0.02635	0.10000	0.00000	433765.71769	-0.02635	0.2500
2326:	70	3	68	69	3	67	433765.69134	433765.71769	-0.02635	0.10000	0.00000	433765.71769	-0.02635	0.2500
2327:	59	15	45	58	15	44	434031.89918	434031.86608	0.03310	0.10000	0.00000			
2328:	71	1	70	70	2	69	434165.38021	434165.37217	0.00804	0.10000	0.00000	434165.37217	0.00804	0.3333
2329:	71	2	70	70	2	69	434165.38021	434165.37217	0.00804	0.10000	0.00000	434165.37217	0.00804	0.3333
2330:	71	1	70	70	1	69	434165.38021	434165.37217	0.00804	0.10000	0.00000	434165.37217	0.00804	0.3333
2331:	72	0	72	71	1	71	434568.56875	434568.60250	-0.03375	0.10000	0.00000	434568.60250	-0.03375	0.2500
2332:	72	1	72	71	0	71	434568.56875	434568.60250	-0.03375	0.10000	0.00000	434568.60250	-0.03375	0.2500
2333:	72	1	72	71	1	71	434568.56875	434568.60250	-0.03375	0.10000	0.00000	434568.60250	-0.03375	0.2500
2334:	72	0	72	71	0	71	434568.56875	434568.60250	-0.03375	0.10000	0.00000	434568.60250	-0.03375	0.2500
2335:	61	29	32	60	29	31	434840.75017	434840.74679	0.00338	0.10000	0.00000	434840.74679	0.00338	0.5000
2336:	61	29	33	60	29	32	434840.75017	434840.74679	0.00338	0.10000	0.00000	434840.74679	0.00338	0.5000
2337:	60	12	48	59	12	47	435063.25572	435063.22047	0.03525	0.10000	0.00000			
2338:	60	19	42	59	19	41	435222.68447	435222.69560	-0.01112	0.10000	0.00000			
2339:	60	19	41	59	19	40	435237.55913	435237.54963	0.00950	0.10000	0.00000			
2340:	61	27	35	60	27	34	435718.79210	435718.88922	-0.09712	0.10000	0.00000	435718.88922	-0.09712	0.5000
2341:	61	27	34	60	27	33	435718.79210	435718.88922	-0.09712	0.10000	0.00000	435718.88922	-0.09712	0.5000
2342:	59	16	43	58	16	42	436202.24433	436202.23123	0.01309	0.10000	0.00000			
2343:	61	26	35	60	26	34	436236.30654	436236.30982	-0.00328	0.10000	0.00000	436236.30982	-0.00328	0.5000
2344:	61	26	36	60	26	35	436236.30654	436236.30982	-0.00328	0.10000	0.00000	436236.30982	-0.00328	0.5000
2345:	58	13	45	57	13	44	436675.46400	436675.42819	0.03581	0.10000	0.00000			
2346:	61	25	36	60	25	35	436819.76380	436819.75642	0.00738	0.10000	0.00000	436819.75642	0.00738	0.5000
2347:	61	25	37	60	25	36	436819.76380	436819.75642	0.00738	0.10000	0.00000	436819.75642	0.00738	0.5000
2348:	21	21	1	20	20	0	436920.05271	436920.05666	-0.00395	0.10000	0.00000	436920.05666	-0.00395	0.5000
2349:	21	21	0	20	20	1	436920.05271	436920.05666	-0.00395	0.10000	0.00000	436920.05666	-0.00395	0.5000
2350:	60	18	43	59	18	42	436999.30633	436999.26479	0.04153	0.10000	0.00000			
2351:	23	20	3	22	19	4	437007.59630	437007.78420	-0.18790	0.10000	0.00000	437007.78420	-0.18790	0.5000
2352:	23	20	4	22	19	3	437007.59630	437007.78420	-0.18790	0.10000	0.00000	437007.78420	-0.18790	0.5000
2353:	29	17	12	28	16	13	437067.74155	437067.73323	0.00832	0.10000	0.00000			
2354:	27	18	10	26	17	9	437111.75422	437111.76672	-0.01250	0.10000	0.00000	437111.76672	-0.01250	0.5000
2355:	27	18	9	26	17	10	437111.75422	437111.76672	-0.01250	0.10000	0.00000	437111.76672	-0.01250	0.5000

2405:	73	1	73	72	1	72	440547.10317	440547.10489	-0.00173	0.10000	0.00000	440547.10489	-0.00173	0.2500
2406:	60	16	45	59	16	44	441025.41066	441025.33665	0.07401	0.10000	0.00000			
2407:	62	32	31	61	32	30	441040.30843	441040.37183	-0.06340	0.10000	0.00000	441040.37183	-0.06340	0.5000
2408:	62	32	30	61	32	29	441040.30843	441040.37183	-0.06340	0.10000	0.00000	441040.37183	-0.06340	0.5000
2409:	58	14	44	57	14	43	441069.80181	441069.80222	-0.00042	0.10000	0.00000			
2410:	60	15	46	59	15	45	441292.03883	441292.03269	0.00614	0.10000	0.00000			
2411:	61	20	41	60	20	40	441432.14771	441432.14223	0.00548	0.10000	0.00000			
2412:	59	13	46	58	13	45	441640.51242	441640.50050	0.01192	0.10000	0.00000			
2413:	62	29	34	61	29	33	442123.23262	442123.29677	-0.06415	0.10000	0.00000	442123.29677	-0.06415	0.5000
2414:	62	29	33	61	29	32	442123.23262	442123.29677	-0.06415	0.10000	0.00000	442123.29677	-0.06415	0.5000
2415:	62	28	35	61	28	34	442560.37048	442560.30775	0.06272	0.10000	0.00000	442560.30775	0.06272	0.5000
2416:	62	28	34	61	28	33	442560.37048	442560.30775	0.06272	0.10000	0.00000	442560.30775	0.06272	0.5000
2417:	61	19	43	60	19	42	442966.12524	442966.02597	0.09928	0.10000	0.00000			
2418:	61	19	42	60	19	41	442992.11941	442992.18477	-0.06536	0.10000	0.00000			
2419:	66	8	58	65	9	57	443783.69845	443783.52116	0.17729	0.10000	0.00000	443783.53666	0.16179	0.2500
2420:	66	9	58	65	9	57	443783.69845	443783.53215	0.16630	0.10000	0.00000	443783.53666	0.16179	0.2500
2421:	66	8	58	65	8	57	443783.69845	443783.54117	0.15728	0.10000	0.00000	443783.53666	0.16179	0.2500
2422:	66	9	58	65	8	57	443783.69845	443783.55216	0.14629	0.10000	0.00000	443783.53666	0.16179	0.2500
2423:	64	11	54	63	11	53	443795.92723	443796.18099	-0.25376	0.10000	0.00000			
2424:	64	10	54	63	10	53	443801.17217	443801.22397	-0.05180	0.10000	0.00000			
2425:	67	8	60	66	8	59	443986.00981	443985.85154	0.15827	0.10000	0.00000	443985.85167	0.15813	0.2500
2426:	67	7	60	66	7	59	443986.00981	443985.85181	0.15800	0.10000	0.00000	443985.85167	0.15813	0.2500
2427:	67	8	60	66	7	59	443986.00981	443985.85211	0.15770	0.10000	0.00000	443985.85167	0.15813	0.2500
2428:	67	7	60	66	8	59	443986.00981	443985.85124	0.15857	0.10000	0.00000	443985.85167	0.15813	0.2500
2429:	59	15	44	58	15	43	444231.63165	444231.66653	-0.03488	0.10000	0.00000			
2430:	68	6	62	67	6	61	444263.09249	444263.03732	0.05517	0.10000	0.00000	444263.03731	0.05517	0.2500
2431:	68	6	62	67	7	61	444263.09249	444263.03730	0.05518	0.10000	0.00000	444263.03731	0.05517	0.2500
2432:	68	7	62	67	6	61	444263.09249	444263.03732	0.05516	0.10000	0.00000	444263.03731	0.05517	0.2500
2433:	68	7	62	67	7	61	444263.09249	444263.03731	0.05518	0.10000	0.00000	444263.03731	0.05517	0.2500
2434:	69	5	64	68	6	63	444589.40484	444589.43664	-0.03180	0.10000	0.00000	444589.43664	-0.03180	0.2500
2435:	69	6	64	68	5	63	444589.40484	444589.43664	-0.03180	0.10000	0.00000	444589.43664	-0.03180	0.2500
2436:	69	6	64	68	6	63	444589.40484	444589.43664	-0.03180	0.10000	0.00000	444589.43664	-0.03180	0.2500
2437:	69	5	64	68	5	63	444589.40484	444589.43664	-0.03180	0.10000	0.00000	444589.43664	-0.03180	0.2500
2438:	61	14	48	60	14	47	444822.43791	444822.56875	-0.13084	0.10000	0.00000			
2439:	62	24	38	61	24	37	444906.83349	444906.83722	-0.00373	0.10000	0.00000	444906.83713	-0.00364	0.5000
2440:	62	24	39	61	24	38	444906.83349	444906.83704	-0.00355	0.10000	0.00000	444906.83713	-0.00364	0.5000
2441:	70	4	66	69	5	65	444948.25537	444948.25841	-0.00304	0.10000	0.00000	444948.25841	-0.00304	0.2500
2442:	70	5	66	69	4	65	444948.25537	444948.25841	-0.00304	0.10000	0.00000	444948.25841	-0.00304	0.2500
2443:	70	5	66	69	5	65	444948.25537	444948.25841	-0.00304	0.10000	0.00000	444948.25841	-0.00304	0.2500
2444:	70	4	66	69	4	65	444948.25537	444948.25841	-0.00304	0.10000	0.00000	444948.25841	-0.00304	0.2500
2445:	71	3	68	70	3	67	445328.07971	445328.10024	-0.02054	0.10000	0.00000	445328.10024	-0.02054	0.2500
2446:	71	3	68	70	4	67	445328.07971	445328.10024	-0.02054	0.10000	0.00000	445328.10024	-0.02054	0.2500
2447:	71	4	68	70	3	67	445328.07971	445328.10024	-0.02054	0.10000	0.00000	445328.10024	-0.02054	0.2500
2448:	71	4	68	70	4	67	445328.07971	445328.10024	-0.02054	0.10000	0.00000	445328.10024	-0.02054	0.2500
2449:	62	23	39	61	23	38	445712.79686	445712.73872	0.05814	0.10000	0.00000	445712.73732	0.05954	0.5000
2450:	62	23	40	61	23	39	445712.79686	445712.73593	0.06094	0.10000	0.00000	445712.73732	0.05954	0.5000
2451:	72	2	70	71	3	69	445720.98832	445721.00244	-0.01411	0.10000	0.00000	445721.00244	-0.01411	0.2500
2452:	72	3	70	71	2	69	445720.98832	445721.00244	-0.01411	0.10000	0.00000	445721.00244	-0.01411	0.2500
2453:	72	3	70	71	3	69	445720.98832	445721.00244	-0.01411	0.10000	0.00000	445721.00244	-0.01411	0.2500

2454:	72	2	70	71	2	69	445720.98832	445721.00244	-0.01411	0.10000	0.00000	445721.00244	-0.01411	0.2500
2455:	73	1	72	72	1	71	446121.28929	446121.29072	-0.00143	0.10000	0.00000	446121.29072	-0.00143	0.2500
2456:	73	1	72	72	2	71	446121.28929	446121.29072	-0.00143	0.10000	0.00000	446121.29072	-0.00143	0.2500
2457:	73	2	72	72	1	71	446121.28929	446121.29072	-0.00143	0.10000	0.00000	446121.29072	-0.00143	0.2500
2458:	73	2	72	72	2	71	446121.28929	446121.29072	-0.00143	0.10000	0.00000	446121.29072	-0.00143	0.2500
2459:	74	0	74	73	1	73	446524.85248	446524.85476	-0.00227	0.10000	0.00000	446524.85476	-0.00227	0.2500
2460:	74	1	74	73	0	73	446524.85248	446524.85476	-0.00227	0.10000	0.00000	446524.85476	-0.00227	0.2500
2461:	74	1	74	73	1	73	446524.85248	446524.85476	-0.00227	0.10000	0.00000	446524.85476	-0.00227	0.2500
2462:	74	0	74	73	0	73	446524.85248	446524.85476	-0.00227	0.10000	0.00000	446524.85476	-0.00227	0.2500
2463:	38	19	20	39	16	23	446651.57715	446651.59749	-0.02034	0.10000	0.00000	446651.55754	0.01961	0.2500
2464:	62	22	40	61	22	39	446651.57715	446651.52037	0.05678	0.10000	0.00000	446651.55754	0.01961	0.2500
2465:	38	19	19	39	16	24	446651.57715	446651.63064	-0.05349	0.10000	0.00000	446651.55754	0.01961	0.2500
2466:	62	22	41	61	22	40	446651.57715	446651.48165	0.09550	0.10000	0.00000	446651.55754	0.01961	0.2500
2467:	70	5	65	69	5	64	450562.32880	450562.31736	0.01145	0.10000	0.00000	450562.31736	0.01145	0.2500
2468:	70	5	65	69	6	64	450562.32880	450562.31736	0.01145	0.10000	0.00000	450562.31736	0.01145	0.2500
2469:	70	6	65	69	5	64	450562.32880	450562.31736	0.01145	0.10000	0.00000	450562.31736	0.01145	0.2500
2470:	70	6	65	69	6	64	450562.32880	450562.31736	0.01145	0.10000	0.00000	450562.31736	0.01145	0.2500
2471:	71	5	66	70	6	65	456534.60351	456534.58813	0.01538	0.10000	0.00000	456534.58813	0.01538	0.2500
2472:	71	6	66	70	5	65	456534.60351	456534.58813	0.01538	0.10000	0.00000	456534.58813	0.01538	0.2500
2473:	71	6	66	70	6	65	456534.60351	456534.58813	0.01538	0.10000	0.00000	456534.58813	0.01538	0.2500
2474:	71	5	66	70	5	65	456534.60351	456534.58813	0.01538	0.10000	0.00000	456534.58813	0.01538	0.2500
2475:	72	4	68	71	4	67	456897.25800	456897.21966	0.03833	0.10000	0.00000	456897.21966	0.03833	0.2500
2476:	72	4	68	71	5	67	456897.25800	456897.21966	0.03833	0.10000	0.00000	456897.21966	0.03833	0.2500
2477:	72	5	68	71	4	67	456897.25800	456897.21966	0.03833	0.10000	0.00000	456897.21966	0.03833	0.2500
2478:	72	5	68	71	5	67	456897.25800	456897.21966	0.03833	0.10000	0.00000	456897.21966	0.03833	0.2500
2479:	64	23	41	63	23	40	460698.43994	460698.52839	-0.08845	0.10000	0.00000	460698.52261	-0.08267	0.5000
2480:	64	23	42	63	23	41	460698.43994	460698.51682	-0.07689	0.10000	0.00000	460698.52261	-0.08267	0.5000
2481:	72	5	67	71	6	66	462506.21770	462506.22705	-0.00935	0.10000	0.00000	462506.22705	-0.00935	0.2500
2482:	72	6	67	71	5	66	462506.21770	462506.22705	-0.00935	0.10000	0.00000	462506.22705	-0.00935	0.2500
2483:	72	6	67	71	6	66	462506.21770	462506.22705	-0.00935	0.10000	0.00000	462506.22705	-0.00935	0.2500
2484:	72	5	67	71	5	66	462506.21770	462506.22705	-0.00935	0.10000	0.00000	462506.22705	-0.00935	0.2500
2485:	73	4	69	72	4	68	462870.68376	462870.63030	0.05347	0.10000	0.00000	462870.63030	0.05347	0.2500
2486:	73	4	69	72	5	68	462870.68376	462870.63030	0.05347	0.10000	0.00000	462870.63030	0.05347	0.2500
2487:	73	5	69	72	4	68	462870.68376	462870.63030	0.05347	0.10000	0.00000	462870.63030	0.05347	0.2500
2488:	73	5	69	72	5	68	462870.68376	462870.63030	0.05347	0.10000	0.00000	462870.63030	0.05347	0.2500
2489:	74	3	71	73	4	70	463253.55207	463253.61974	-0.06767	0.10000	0.00000	463253.61974	-0.06767	0.2500
2490:	74	4	71	73	3	70	463253.55207	463253.61974	-0.06767	0.10000	0.00000	463253.61974	-0.06767	0.2500
2491:	74	4	71	73	4	70	463253.55207	463253.61974	-0.06767	0.10000	0.00000	463253.61974	-0.06767	0.2500
2492:	74	3	71	73	3	70	463253.55207	463253.61974	-0.06767	0.10000	0.00000	463253.61974	-0.06767	0.2500
2493:	76	1	75	75	1	74	464049.42409	464049.42417	-0.00009	0.10000	0.00000	464049.42417	-0.00009	0.2500
2494:	76	1	75	75	2	74	464049.42409	464049.42417	-0.00009	0.10000	0.00000	464049.42417	-0.00009	0.2500
2495:	76	2	75	75	1	74	464049.42409	464049.42417	-0.00009	0.10000	0.00000	464049.42417	-0.00009	0.2500
2496:	76	2	75	75	2	74	464049.42409	464049.42417	-0.00009	0.10000	0.00000	464049.42417	-0.00009	0.2500
2497:	62	16	46	61	16	45	464423.56741	464423.29814	0.26927	0.10000	0.00000	464423.29814	0.26927	0.2500
2498:	77	0	77	76	1	76	464453.35562	464453.48597	-0.13035	0.10000	0.00000	464453.48597	-0.13035	0.2500
2499:	77	1	77	76	0	76	464453.35562	464453.48597	-0.13035	0.10000	0.00000	464453.48597	-0.13035	0.2500
2500:	77	1	77	76	1	76	464453.35562	464453.48597	-0.13035	0.10000	0.00000	464453.48597	-0.13035	0.2500
2501:	77	0	77	76	0	76	464453.35562	464453.48597	-0.13035	0.10000	0.00000	464453.48597	-0.13035	0.2500
2502:	71	7	64	70	8	63	467839.91850	467839.93108	-0.01258	0.10000	0.00000	467839.93112	-0.01262	0.2500

2503:	71	7	64	70	7	63	467839.91850	467839.93113	-0.01263	0.10000	0.00000	467839.93112	-0.01262	0.2500
2504:	71	8	64	70	7	63	467839.91850	467839.93115	-0.01265	0.10000	0.00000	467839.93112	-0.01262	0.2500
2505:	71	8	64	70	8	63	467839.91850	467839.93111	-0.01261	0.10000	0.00000	467839.93112	-0.01262	0.2500
2506:	74	4	70	73	5	69	468843.29405	468843.30769	-0.01364	0.10000	0.00000	468843.30769	-0.01364	0.2500
2507:	74	5	70	73	4	69	468843.29405	468843.30769	-0.01364	0.10000	0.00000	468843.30769	-0.01364	0.2500
2508:	74	5	70	73	5	69	468843.29405	468843.30769	-0.01364	0.10000	0.00000	468843.30769	-0.01364	0.2500
2509:	74	4	70	73	4	69	468843.29405	468843.30769	-0.01364	0.10000	0.00000	468843.30769	-0.01364	0.2500
2510:	65	14	52	64	14	51	468956.03938	468955.98196	0.05742	0.10000	0.00000			
2511:	75	3	72	74	3	71	469227.22232	469227.26476	-0.04244	0.10000	0.00000	469227.26476	-0.04244	0.2500
2512:	75	3	72	74	4	71	469227.22232	469227.26476	-0.04244	0.10000	0.00000	469227.26476	-0.04244	0.2500
2513:	75	4	72	74	3	71	469227.22232	469227.26476	-0.04244	0.10000	0.00000	469227.26476	-0.04244	0.2500
2514:	75	4	72	74	4	71	469227.22232	469227.26476	-0.04244	0.10000	0.00000	469227.26476	-0.04244	0.2500
2515:	76	2	74	75	3	73	469622.40854	469622.41329	-0.00474	0.10000	0.00000	469622.41329	-0.00474	0.2500
2516:	76	3	74	75	2	73	469622.40854	469622.41329	-0.00474	0.10000	0.00000	469622.41329	-0.00474	0.2500
2517:	76	3	74	75	3	73	469622.40854	469622.41329	-0.00474	0.10000	0.00000	469622.41329	-0.00474	0.2500
2518:	76	2	74	75	2	73	469622.40854	469622.41329	-0.00474	0.10000	0.00000	469622.41329	-0.00474	0.2500
2519:	77	1	76	76	2	75	470023.86283	470023.89507	-0.03224	0.10000	0.00000	470023.89507	-0.03224	0.2500
2520:	77	2	76	76	1	75	470023.86283	470023.89507	-0.03224	0.10000	0.00000	470023.89507	-0.03224	0.2500
2521:	77	2	76	76	2	75	470023.86283	470023.89507	-0.03224	0.10000	0.00000	470023.89507	-0.03224	0.2500
2522:	77	1	76	76	1	75	470023.86283	470023.89507	-0.03224	0.10000	0.00000	470023.89507	-0.03224	0.2500
2523:	78	0	78	77	0	77	470428.16047	470428.12253	0.03794	0.10000	0.00000	470428.12253	0.03794	0.2500
2524:	78	0	78	77	1	77	470428.16047	470428.12253	0.03794	0.10000	0.00000	470428.12253	0.03794	0.2500
2525:	78	1	78	77	0	77	470428.16047	470428.12253	0.03794	0.10000	0.00000	470428.12253	0.03794	0.2500
2526:	78	1	78	77	1	77	470428.16047	470428.12253	0.03794	0.10000	0.00000	470428.12253	0.03794	0.2500
2527:	64	16	49	63	16	48	471115.95805	471116.10795	-0.14990	0.10000	0.00000			
2528:	62	15	47	61	15	46	471476.50155	471476.48065	0.02090	0.10000	0.00000			
2529:	24	22	3	23	21	2	472155.20820	472155.12323	0.08497	0.10000	0.00000	472155.12323	0.08497	0.5000
2530:	24	22	3	23	21	3	472155.20820	472155.12323	0.08497	0.10000	0.00000	472155.12323	0.08497	0.5000
2531:	67	57	10	66	57	9	472235.98677	472235.93941	0.04737	0.10000	0.00000	472235.93941	0.04737	0.5000
2532:	67	57	11	66	57	10	472235.98677	472235.93941	0.04737	0.10000	0.00000	472235.93941	0.04737	0.5000
2533:	28	20	9	27	19	8	472291.92294	472292.00545	-0.08250	0.10000	0.00000	472292.00545	-0.08250	0.5000
2534:	28	20	8	27	19	9	472291.92294	472292.00545	-0.08250	0.10000	0.00000	472292.00545	-0.08250	0.5000
2535:	65	20	45	64	20	44	472328.98830	472329.06012	-0.07182	0.10000	0.00000			
2536:	66	26	41	65	26	40	473125.95366	473125.97697	-0.02330	0.10000	0.00000	473125.97697	-0.02331	0.5000
2537:	66	26	40	65	26	39	473125.95366	473125.97698	-0.02332	0.10000	0.00000	473125.97697	-0.02331	0.5000
2538:	69	10	59	68	10	58	473366.54030	473366.74230	-0.20200	0.10000	0.00000	473366.57244	-0.03215	0.5000
2539:	69	11	59	68	11	58	473366.54030	473366.40259	0.13771	0.10000	0.00000	473366.57244	-0.03215	0.5000
2540:	70	9	61	69	10	60	473396.80351	473396.74919	0.05432	0.10000	0.00000	473396.77323	0.03027	0.2500
2541:	70	10	61	69	10	60	473396.80351	473396.76635	0.03716	0.10000	0.00000	473396.77323	0.03027	0.2500
2542:	70	9	61	69	9	60	473396.80351	473396.78012	0.02339	0.10000	0.00000	473396.77323	0.03027	0.2500
2543:	70	10	61	69	9	60	473396.80351	473396.79728	0.00623	0.10000	0.00000	473396.77323	0.03027	0.2500
2544:	68	12	57	67	12	56	473541.08713	473540.97327	0.11386	0.10000	0.00000			
2545:	68	11	57	67	11	56	473547.54144	473547.56503	-0.02358	0.10000	0.00000			
2546:	71	9	63	70	9	62	473557.24840	473557.22210	0.02630	0.10000	0.00000	473557.22232	0.02608	0.2500
2547:	71	8	63	70	8	62	473557.24840	473557.22254	0.02585	0.10000	0.00000	473557.22232	0.02608	0.2500
2548:	71	9	63	70	8	62	473557.24840	473557.22307	0.02533	0.10000	0.00000	473557.22232	0.02608	0.2500
2549:	71	8	63	70	9	62	473557.24840	473557.22158	0.02682	0.10000	0.00000	473557.22232	0.02608	0.2500
2550:	72	7	65	71	7	64	473802.93778	473802.95591	-0.01813	0.10000	0.00000	473802.95591	-0.01813	0.2500
2551:	72	7	65	71	8	64	473802.93778	473802.95589	-0.01811	0.10000	0.00000	473802.95591	-0.01813	0.2500

2552:	72	8	65	71	8	64	473802.93778	473802.95590	-0.01812	0.10000	0.00000	473802.95591	-0.01813	0.2500
2553:	72	8	65	71	7	64	473802.93778	473802.95593	-0.01815	0.10000	0.00000	473802.95591	-0.01813	0.2500
2554:	66	25	41	65	25	40	473883.13799	473882.91783	0.22017	0.10000	0.00000	473882.91771	0.22028	0.5000
2555:	66	25	42	65	25	41	473883.13799	473882.91760	0.22039	0.10000	0.00000	473882.91771	0.22028	0.5000
2556:	67	13	55	66	13	54	474032.29249	474032.24724	0.04525	0.10000	0.00000			
2557:	73	6	67	72	7	66	474105.71652	474105.88618	-0.16966	0.10000	0.00000	474105.88618	-0.16966	0.2500
2558:	73	7	67	72	6	66	474105.71652	474105.88618	-0.16966	0.10000	0.00000	474105.88618	-0.16966	0.2500
2559:	73	7	67	72	7	66	474105.71652	474105.88618	-0.16966	0.10000	0.00000	474105.88618	-0.16966	0.2500
2560:	73	6	67	72	6	66	474105.71652	474105.88618	-0.16966	0.10000	0.00000	474105.88618	-0.16966	0.2500
2561:	63	16	47	62	16	46	474181.48131	474181.48804	-0.00673	0.10000	0.00000			
2562:	65	19	47	64	19	46	474301.40340	474301.24799	0.15541	0.10000	0.00000			
2563:	74	5	69	73	6	68	474447.61965	474447.52646	0.09319	0.10000	0.00000	474447.52646	0.09319	0.2500
2564:	74	6	69	73	5	68	474447.61965	474447.52646	0.09319	0.10000	0.00000	474447.52646	0.09319	0.2500
2565:	74	6	69	73	6	68	474447.61965	474447.52646	0.09319	0.10000	0.00000	474447.52646	0.09319	0.2500
2566:	74	5	69	73	5	68	474447.61965	474447.52646	0.09319	0.10000	0.00000	474447.52646	0.09319	0.2500
2567:	65	19	46	64	19	45	474516.48297	474516.54192	-0.05895	0.10000	0.00000			
2568:	66	24	42	65	24	41	474750.60970	474750.62112	-0.01142	0.10000	0.00000	474750.61942	-0.00971	0.5000
2569:	66	24	43	65	24	42	474750.60970	474750.61771	-0.00801	0.10000	0.00000	474750.61942	-0.00971	0.5000
2570:	65	15	51	64	15	50	474790.83892	474790.91532	-0.07641	0.10000	0.00000			
2571:	75	4	71	74	5	70	474815.11296	474815.23737	-0.12441	0.10000	0.00000	474815.23737	-0.12441	0.2500
2572:	75	5	71	74	4	70	474815.11296	474815.23737	-0.12441	0.10000	0.00000	474815.23737	-0.12441	0.2500
2573:	75	5	71	74	5	70	474815.11296	474815.23737	-0.12441	0.10000	0.00000	474815.23737	-0.12441	0.2500
2574:	75	4	71	74	4	70	474815.11296	474815.23737	-0.12441	0.10000	0.00000	474815.23737	-0.12441	0.2500
2575:	64	17	47	63	17	46	475035.49955	475035.53080	-0.03125	0.10000	0.00000			
2576:	76	3	73	75	3	72	475200.12018	475200.12575	-0.00557	0.10000	0.00000	475200.12575	-0.00557	0.2500
2577:	76	3	73	75	4	72	475200.12018	475200.12575	-0.00557	0.10000	0.00000	475200.12575	-0.00557	0.2500
2578:	76	4	73	75	3	72	475200.12018	475200.12575	-0.00557	0.10000	0.00000	475200.12575	-0.00557	0.2500
2579:	76	4	73	75	4	72	475200.12018	475200.12575	-0.00557	0.10000	0.00000	475200.12575	-0.00557	0.2500
2580:	77	2	75	76	3	74	475595.46223	475595.79447	-0.33224	0.10000	0.00000	475595.79447	-0.33224	0.2500
2581:	77	3	75	76	2	74	475595.46223	475595.79447	-0.33224	0.10000	0.00000	475595.79447	-0.33224	0.2500
2582:	77	3	75	76	3	74	475595.46223	475595.79447	-0.33224	0.10000	0.00000	475595.79447	-0.33224	0.2500
2583:	77	2	75	76	2	74	475595.46223	475595.79447	-0.33224	0.10000	0.00000	475595.79447	-0.33224	0.2500
2584:	66	23	43	65	23	42	475757.38004	475757.37383	0.00622	0.10000	0.00000	475757.35123	0.02882	0.5000
2585:	66	23	44	65	23	43	475757.38004	475757.32863	0.05141	0.10000	0.00000	475757.35123	0.02882	0.5000
2586:	66	13	53	65	13	52	475871.44703	475871.41633	0.03070	0.10000	0.00000			
2587:	78	1	77	77	1	76	475997.57865	475997.56180	0.01685	0.10000	0.00000	475997.56180	0.01685	0.2500
2588:	78	1	77	77	2	76	475997.57865	475997.56180	0.01685	0.10000	0.00000	475997.56180	0.01685	0.2500
2589:	78	2	77	77	1	76	475997.57865	475997.56180	0.01685	0.10000	0.00000	475997.56180	0.01685	0.2500
2590:	78	2	77	77	2	76	475997.57865	475997.56180	0.01685	0.10000	0.00000	475997.56180	0.01685	0.2500
2591:	79	0	79	78	1	78	476401.94050	476401.95495	-0.01445	0.10000	0.00000	476401.95495	-0.01445	0.2500
2592:	79	1	79	78	0	78	476401.94050	476401.95495	-0.01445	0.10000	0.00000	476401.95495	-0.01445	0.2500
2593:	79	1	79	78	1	78	476401.94050	476401.95495	-0.01445	0.10000	0.00000	476401.95495	-0.01445	0.2500
2594:	79	0	79	78	0	78	476401.94050	476401.95495	-0.01445	0.10000	0.00000	476401.95495	-0.01445	0.2500
2595:	65	18	48	64	18	47	476592.75200	476592.75712	-0.00512	0.10000	0.00000			
2596:	66	22	44	65	22	43	476943.19816	476943.39791	-0.19975	0.10000	0.00000	476943.13338	0.06478	0.5000
2597:	66	22	45	65	22	44	476943.19816	476942.86885	0.32931	0.10000	0.00000	476943.13338	0.06478	0.5000
2598:	64	14	50	63	14	49	477015.26611	477015.43778	-0.17167	0.10000	0.00000			
2599:	67	31	36	66	31	35	477705.54511	477705.62822	-0.08310	0.10000	0.00000	477705.62822	-0.08310	0.5000
2600:	67	31	37	66	31	36	477705.54511	477705.62822	-0.08310	0.10000	0.00000	477705.62822	-0.08310	0.5000

2601:	65	18	47	64	18	46	477942.20175	477942.17438	0.02737	0.10000	0.00000	478159.45240	-0.07475	0.5000
2602:	67	30	38	66	30	37	478159.37765	478159.45240	-0.07475	0.10000	0.00000	478159.45240	-0.07475	0.5000
2603:	67	30	37	66	30	36	478159.37765	478159.45240	-0.07475	0.10000	0.00000	478159.45240	-0.07475	0.5000
2604:	65	16	50	64	16	49	478228.92291	478228.86505	0.05787	0.10000	0.00000	478228.86505	0.05787	0.5000
2605:	66	21	46	65	21	45	478365.06443	478365.03137	0.03306	0.10000	0.00000	478365.03137	0.03306	0.5000
2606:	65	17	49	64	17	48	478446.76854	478446.75575	0.01279	0.10000	0.00000	478446.75575	0.01279	0.5000
2607:	67	29	38	66	29	37	478660.40604	478660.44870	-0.04266	0.10000	0.00000	478660.44870	-0.04266	0.5000
2608:	67	29	38	66	29	38	478660.40604	478660.44870	-0.04266	0.10000	0.00000	478660.44870	-0.04266	0.5000
2609:	35	17	18	34	16	19	478900.50700	478900.58047	-0.07347	0.10000	0.00000	478900.58047	-0.07347	0.5000
2610:	35	17	19	34	16	18	478900.50700	478900.58008	-0.07308	0.10000	0.00000	478900.58008	-0.07308	0.5000
2611:	23	23	1	22	22	0	479128.14457	479128.11438	0.03019	0.10000	0.00000	479128.11438	0.03019	0.5000
2612:	23	23	0	22	22	1	479128.14457	479128.11438	0.03019	0.10000	0.00000	479128.11438	0.03019	0.5000
2613:	33	18	16	32	17	15	479205.35618	479205.28686	0.06932	0.10000	0.00000	479205.28686	0.06932	0.5000
2614:	33	18	15	32	17	16	479205.35618	479205.28686	0.06932	0.10000	0.00000	479205.28686	0.06932	0.5000
2615:	70	10	60	69	11	59	479290.35389	479290.03852	0.31537	0.10000	0.00000	479290.03852	0.31537	0.5000
2616:	70	11	60	69	11	59	479290.35389	479290.29553	0.05836	0.10000	0.00000	479290.29553	0.05836	0.5000
2617:	70	10	60	69	10	59	479290.35389	479290.49057	-0.13668	0.10000	0.00000	479290.39305	-0.03916	0.2500
2618:	70	11	60	69	10	59	479290.35389	479290.74758	-0.39369	0.10000	0.00000	479290.39305	-0.03916	0.2500
2619:	27	21	7	26	20	6	479292.69963	479292.49164	0.20799	0.10000	0.00000	479292.49164	0.20799	0.5000
2620:	27	21	6	26	20	7	479292.69963	479292.49164	0.20799	0.10000	0.00000	479292.49164	0.20799	0.5000
2621:	31	19	13	30	18	12	479324.00833	479323.88075	0.12758	0.10000	0.00000	479323.88075	0.12758	0.5000
2622:	31	19	12	30	18	13	479324.00833	479323.88075	0.12758	0.10000	0.00000	479323.88075	0.12758	0.5000
2623:	29	20	9	28	19	10	479337.02160	479337.25846	-0.23686	0.10000	0.00000	479337.02394	-0.00234	0.5000
2624:	63	15	48	62	15	47	479337.02160	479336.78942	0.23218	0.10000	0.00000	479337.02394	-0.00234	0.5000
2625:	71	9	62	70	10	61	479340.58279	479340.61062	-0.02783	0.10000	0.00000	479340.62394	-0.04115	0.2500
2626:	71	10	62	70	10	61	479340.58279	479340.62011	-0.03732	0.10000	0.00000	479340.62394	-0.04115	0.2500
2627:	71	9	62	70	9	61	479340.58279	479340.62778	-0.04499	0.10000	0.00000	479340.62394	-0.04115	0.2500
2628:	71	10	62	70	9	61	479340.58279	479340.63726	-0.05447	0.10000	0.00000	479340.62394	-0.04115	0.2500
2629:	69	12	58	68	12	57	479430.43432	479430.38697	0.04736	0.10000	0.00000	479430.62394	-0.04115	0.2500
2630:	69	11	58	68	11	57	479434.10110	479434.30910	-0.20800	0.10000	0.00000	479434.30910	-0.20800	0.5000
2631:	72	9	64	71	9	63	479512.90813	479512.84899	0.05914	0.10000	0.00000	479512.84911	0.05902	0.2500
2632:	72	8	64	71	8	63	479512.90813	479512.84923	0.05890	0.10000	0.00000	479512.84911	0.05902	0.2500
2633:	72	9	64	71	8	63	479512.90813	479512.84951	0.05862	0.10000	0.00000	479512.84911	0.05902	0.2500
2634:	72	8	64	71	9	63	479512.90813	479512.84871	0.05942	0.10000	0.00000	479512.84911	0.05902	0.2500
2635:	67	27	41	66	27	40	479838.93185	479839.04134	-0.10948	0.10000	0.00000	479839.04134	-0.10948	0.5000
2636:	67	27	40	66	27	39	479838.93185	479839.04134	-0.10948	0.10000	0.00000	479839.04134	-0.10948	0.5000
2637:	68	13	56	67	13	55	479868.78877	479868.82891	-0.04013	0.10000	0.00000	479868.82891	-0.04013	0.5000
2638:	68	12	56	67	12	55	479929.97486	479929.84104	0.13382	0.10000	0.00000	479929.84104	0.13382	0.5000
2639:	74	6	68	73	7	67	480072.91468	480072.90724	0.00744	0.10000	0.00000	480072.90724	0.00744	0.2500
2640:	74	7	68	73	6	67	480072.91468	480072.90724	0.00744	0.10000	0.00000	480072.90724	0.00744	0.2500
2641:	74	7	68	73	7	67	480072.91468	480072.90724	0.00744	0.10000	0.00000	480072.90724	0.00744	0.2500
2642:	74	6	68	73	6	67	480072.91468	480072.90724	0.00744	0.10000	0.00000	480072.90724	0.00744	0.2500
2643:	66	20	47	65	20	46	480103.87205	480103.88993	-0.01788	0.10000	0.00000	480103.88993	-0.01788	0.5000
2644:	66	20	46	65	20	45	480151.50565	480151.47735	0.02829	0.10000	0.00000	480151.47735	0.02829	0.5000
2645:	75	5	70	74	5	69	480417.13778	480417.14758	-0.00980	0.10000	0.00000	480417.14758	-0.00980	0.2500
2646:	75	5	70	74	6	69	480417.13778	480417.14758	-0.00980	0.10000	0.00000	480417.14758	-0.00980	0.2500
2647:	75	6	70	74	5	69	480417.13778	480417.14758	-0.00980	0.10000	0.00000	480417.14758	-0.00980	0.2500
2648:	75	6	70	74	6	69	480417.13778	480417.14758	-0.00980	0.10000	0.00000	480417.14758	-0.00980	0.2500
2649:	67	26	42	66	26	41	480540.08511	480540.03448	0.05063	0.10000	0.00000	480540.03448	0.05063	0.5000

2650:	67	26	41	66	26	40	480540.08511	480540.03451	0.05060	0.10000	0.00000	480540.03449	0.05062	0.5000
2651:	67	14	54	66	14	53	480647.80978	480647.76250	0.04727	0.10000	0.00000			
2652:	76	4	72	75	5	71	480786.39267	480786.40513	-0.01246	0.10000	0.00000	480786.40513	-0.01246	0.2500
2653:	76	5	72	75	4	71	480786.39267	480786.40513	-0.01246	0.10000	0.00000	480786.40513	-0.01246	0.2500
2654:	76	5	72	75	5	71	480786.39267	480786.40513	-0.01246	0.10000	0.00000	480786.40513	-0.01246	0.2500
2655:	76	4	72	75	4	71	480786.39267	480786.40513	-0.01246	0.10000	0.00000	480786.40513	-0.01246	0.2500
2656:	66	15	52	65	15	51	480982.84253	480982.82564	0.01689	0.10000	0.00000			
2657:	77	3	74	76	4	73	481172.16278	481172.19091	-0.02813	0.10000	0.00000	481172.19091	-0.02813	0.2500
2658:	77	4	74	76	3	73	481172.16278	481172.19091	-0.02813	0.10000	0.00000	481172.19091	-0.02813	0.2500
2659:	77	4	74	76	4	73	481172.16278	481172.19091	-0.02813	0.10000	0.00000	481172.19091	-0.02813	0.2500
2660:	77	3	74	76	3	73	481172.16278	481172.19091	-0.02813	0.10000	0.00000	481172.19091	-0.02813	0.2500
2661:	67	25	42	66	25	41	481336.82574	481336.81435	0.01139	0.10000	0.00000	481336.81411	0.01163	0.5000
2662:	67	25	43	66	25	42	481336.82574	481336.81387	0.01187	0.10000	0.00000	481336.81411	0.01163	0.5000
2663:	67	13	54	66	13	53	481346.20177	481346.31073	-0.10897	0.10000	0.00000			
2664:	78	2	76	77	2	75	481568.36128	481568.36542	-0.00414	0.10000	0.00000	481568.36542	-0.00414	0.2500
2665:	78	2	76	77	3	75	481568.36128	481568.36542	-0.00414	0.10000	0.00000	481568.36542	-0.00414	0.2500
2666:	78	3	76	77	2	75	481568.36128	481568.36542	-0.00414	0.10000	0.00000	481568.36542	-0.00414	0.2500
2667:	78	3	76	77	3	75	481568.36128	481568.36542	-0.00414	0.10000	0.00000	481568.36542	-0.00414	0.2500
2668:	79	1	78	78	2	77	481970.42927	481970.41394	0.01533	0.10000	0.00000	481970.41394	0.01533	0.2500
2669:	79	2	78	78	1	77	481970.42927	481970.41394	0.01533	0.10000	0.00000	481970.41394	0.01533	0.2500
2670:	79	2	78	78	2	77	481970.42927	481970.41394	0.01533	0.10000	0.00000	481970.41394	0.01533	0.2500
2671:	79	1	78	78	1	77	481970.42927	481970.41394	0.01533	0.10000	0.00000	481970.41394	0.01533	0.2500
2672:	66	19	48	65	19	47	482224.56828	482224.52533	0.04295	0.10000	0.00000			
2673:	67	24	43	66	24	42	482252.02440	482251.92211	0.10229	0.10000	0.00000	482251.91867	0.10573	0.5000
2674:	67	24	44	66	24	43	482252.02440	482251.91523	0.10917	0.10000	0.00000	482251.91867	0.10573	0.5000
2675:	80	0	80	79	0	79	482374.92780	482374.97293	-0.04513	0.10000	0.00000	482374.97293	-0.04513	0.3333
2676:	80	1	80	79	0	79	482374.92780	482374.97293	-0.04513	0.10000	0.00000	482374.97293	-0.04513	0.3333
2677:	80	1	80	79	1	79	482374.92780	482374.97293	-0.04513	0.10000	0.00000	482374.97293	-0.04513	0.3333
2678:	66	19	47	65	19	46	482574.96346	482574.93311	0.03035	0.10000	0.00000			
2679:	67	23	45	66	23	44	483316.33515	483316.23501	0.10013	0.10000	0.00000			
2680:	64	16	48	63	16	47	483825.38183	483825.40442	-0.02258	0.10000	0.00000			
2681:	68	33	36	67	33	35	484166.63322	484166.99056	-0.35735	0.10000	0.00000	484166.99056	-0.35735	0.5000
2682:	68	33	35	67	33	34	484166.63322	484166.99056	-0.35735	0.10000	0.00000	484166.99056	-0.35735	0.5000
2683:	65	17	48	64	17	47	484511.42391	484511.31377	0.11014	0.10000	0.00000			
2684:	66	18	49	65	18	48	484545.15526	484544.93582	0.21943	0.10000	0.00000			
2685:	68	31	38	67	31	37	484994.64901	484994.65713	-0.00812	0.10000	0.00000	484994.65713	-0.00812	0.5000
2686:	68	31	37	67	31	36	484994.64901	484994.65713	-0.00812	0.10000	0.00000	484994.65713	-0.00812	0.5000
2687:	66	16	51	65	16	50	485146.18913	485146.19540	-0.00627	0.10000	0.00000			
2688:	71	11	61	70	11	60	485216.57931	485216.58659	-0.00728	0.10000	0.00000	485216.64234	-0.06302	0.2500
2689:	71	10	61	70	10	60	485216.57931	485216.69808	-0.11877	0.10000	0.00000	485216.64234	-0.06302	0.2500
2690:	71	11	61	70	10	60	485216.57931	485216.84360	-0.26429	0.10000	0.00000	485216.64234	-0.06302	0.2500
2691:	71	10	61	70	11	60	485216.57931	485216.44107	0.13824	0.10000	0.00000	485216.64234	-0.06302	0.2500
2692:	72	9	63	71	10	62	485285.37772	485285.33721	0.04051	0.10000	0.00000	485285.34456	0.03315	0.2500
2693:	72	10	63	71	10	62	485285.37772	485285.34243	0.03528	0.10000	0.00000	485285.34456	0.03315	0.2500
2694:	72	9	63	71	9	62	485285.37772	485285.34669	0.03102	0.10000	0.00000	485285.34456	0.03315	0.2500
2695:	72	10	63	71	9	62	485285.37772	485285.35192	0.02580	0.10000	0.00000	485285.34456	0.03315	0.2500
2696:	73	9	65	72	9	64	485468.82632	485468.54730	0.27902	0.10000	0.00000	485468.54734	0.27898	0.3333
2697:	73	9	65	72	8	64	485468.82632	485468.54758	0.27874	0.10000	0.00000	485468.54734	0.27898	0.3333
2698:	73	8	65	72	9	64	485468.82632	485468.54715	0.27917	0.10000	0.00000	485468.54734	0.27898	0.3333

2699:	69	13	57	68	13	56	485712.62009	485712.44906	0.17104	0.10000	0.00000	485728.03601	-0.03181	0.2500
2700:	74	7	67	73	7	66	485728.00420	485728.03602	-0.03181	0.10000	0.00000	485728.03601	-0.03181	0.2500
2701:	74	7	67	73	8	66	485728.00420	485728.03601	-0.03180	0.10000	0.00000	485728.03601	-0.03181	0.2500
2702:	74	8	67	73	7	66	485728.00420	485728.03602	-0.03182	0.10000	0.00000	485728.03601	-0.03181	0.2500
2703:	74	8	67	73	8	66	485728.00420	485728.03601	-0.03181	0.10000	0.00000	485728.03601	-0.03181	0.2500
2704:	36	17	19	35	16	20	485814.12797	485814.11245	0.01552	0.10000	0.00000	485814.11194	0.01603	0.5000
2705:	36	17	20	35	16	19	485814.12797	485814.11142	0.01655	0.10000	0.00000	485814.11194	0.01603	0.5000
2706:	68	29	40	67	29	39	485994.17550	485994.25256	-0.07706	0.10000	0.00000	485994.25256	-0.07706	0.5000
2707:	68	29	39	67	29	38	485994.17550	485994.25256	-0.07706	0.10000	0.00000	485994.25256	-0.07706	0.5000
2708:	66	14	52	65	14	51	486030.51540	486030.34364	0.17176	0.10000	0.00000			
2709:	75	6	69	74	6	68	486039.40323	486039.34216	0.06107	0.10000	0.00000	486039.34216	0.06107	0.2500
2710:	75	6	69	74	7	68	486039.40323	486039.34216	0.06107	0.10000	0.00000	486039.34216	0.06107	0.2500
2711:	75	7	69	74	6	68	486039.40323	486039.34216	0.06107	0.10000	0.00000	486039.34216	0.06107	0.2500
2712:	75	7	69	74	7	68	486039.40323	486039.34216	0.06107	0.10000	0.00000	486039.34216	0.06107	0.2500
2713:	67	21	47	66	21	46	486087.97326	486087.98253	-0.00927	0.10000	0.00000			
2714:	66	17	50	65	17	49	486090.87048	486090.80610	0.06438	0.10000	0.00000			
2715:	34	18	17	33	17	16	486183.20750	486183.20347	0.00404	0.10000	0.00000	486183.20347	0.00403	0.5000
2716:	34	18	16	33	17	17	486183.20750	486183.20347	0.00403	0.10000	0.00000	486183.20347	0.00403	0.5000
2717:	24	23	2	23	22	1	486191.35728	486191.56086	-0.20359	0.10000	0.00000	486191.56086	-0.20359	0.5000
2718:	24	23	1	23	22	2	486191.35728	486191.56086	-0.20359	0.10000	0.00000	486191.56086	-0.20359	0.5000
2719:	28	21	8	27	20	7	486345.84271	486345.82930	0.01341	0.10000	0.00000	486345.82930	0.01341	0.5000
2720:	28	21	7	27	20	8	486345.84271	486345.82930	0.01341	0.10000	0.00000	486345.82930	0.01341	0.5000
2721:	30	20	10	29	19	11	486377.29643	486377.27204	0.02439	0.10000	0.00000	486377.27204	0.02439	0.5000
2722:	30	20	11	29	19	10	486377.29643	486377.27204	0.02439	0.10000	0.00000	486377.27204	0.02439	0.5000
2723:	76	5	71	75	6	70	486386.06453	486386.05794	0.00659	0.10000	0.00000	486386.05794	0.00659	0.3333
2724:	76	6	71	75	6	70	486386.06453	486386.05794	0.00659	0.10000	0.00000	486386.05794	0.00659	0.3333
2725:	76	5	71	75	5	70	486386.06453	486386.05794	0.00659	0.10000	0.00000	486386.05794	0.00659	0.3333
2726:	64	15	49	63	15	48	486409.95239	486409.75258	0.19981	0.10000	0.00000			
2727:	68	14	55	67	14	54	486461.24285	486461.24464	-0.00179	0.10000	0.00000			
2728:	77	4	73	76	4	72	486756.73690	486756.79709	-0.06019	0.10000	0.00000	486756.79709	-0.06019	0.2500
2729:	77	4	73	76	5	72	486756.73690	486756.79709	-0.06019	0.10000	0.00000	486756.79709	-0.06019	0.2500
2730:	77	5	73	76	4	72	486756.73690	486756.79709	-0.06019	0.10000	0.00000	486756.79709	-0.06019	0.2500
2731:	77	5	73	76	5	72	486756.73690	486756.79709	-0.06019	0.10000	0.00000	486756.79709	-0.06019	0.2500
2732:	68	13	55	67	13	54	486917.75864	486917.75359	0.00504	0.10000	0.00000			
2733:	67	15	53	66	15	52	487052.06101	487052.14078	-0.07978	0.10000	0.00000			
2734:	78	3	75	77	4	74	487143.46327	487143.44854	0.01473	0.10000	0.00000	487143.44854	0.01473	0.2500
2735:	78	4	75	77	3	74	487143.46327	487143.44854	0.01473	0.10000	0.00000	487143.44854	0.01473	0.2500
2736:	78	4	75	77	4	74	487143.46327	487143.44854	0.01473	0.10000	0.00000	487143.44854	0.01473	0.2500
2737:	78	3	75	77	3	74	487143.46327	487143.44854	0.01473	0.10000	0.00000	487143.44854	0.01473	0.2500
2738:	79	2	77	78	2	76	487540.10228	487540.11537	-0.01309	0.10000	0.00000	487540.11537	-0.01309	0.2500
2739:	79	2	77	78	3	76	487540.10228	487540.11537	-0.01309	0.10000	0.00000	487540.11537	-0.01309	0.2500
2740:	79	3	77	78	2	76	487540.10228	487540.11537	-0.01309	0.10000	0.00000	487540.11537	-0.01309	0.2500
2741:	79	3	77	78	3	76	487540.10228	487540.11537	-0.01309	0.10000	0.00000	487540.11537	-0.01309	0.2500
2742:	80	1	79	79	2	78	487942.58532	487942.44106	0.14425	0.10000	0.00000	487942.44106	0.14425	0.2500
2743:	80	2	79	79	1	78	487942.58532	487942.44106	0.14425	0.10000	0.00000	487942.44106	0.14425	0.2500
2744:	80	2	79	79	2	78	487942.58532	487942.44106	0.14425	0.10000	0.00000	487942.44106	0.14425	0.2500
2745:	80	1	79	79	1	78	487942.58532	487942.44106	0.14425	0.10000	0.00000	487942.44106	0.14425	0.2500
2746:	68	26	43	67	26	42	487967.00830	487967.05696	-0.04857	0.10000	0.00000	487967.05690	-0.04860	0.5000
2747:	68	26	42	67	26	41	487967.00830	487967.05693	-0.04863	0.10000	0.00000	487967.05690	-0.04860	0.5000

2748:	67	20	47	66	20	46	488023.76351	488023.62237	0.14114	0.10000	0.00000	488347.16612	-0.01430	0.2500
2749:	81	0	81	80	0	80	488347.15182	488347.16612	-0.01430	0.10000	0.00000	488347.16612	-0.01430	0.2500
2750:	81	0	81	80	1	80	488347.15182	488347.16612	-0.01430	0.10000	0.00000	488347.16612	-0.01430	0.2500
2751:	81	1	81	80	0	80	488347.15182	488347.16612	-0.01430	0.10000	0.00000	488347.16612	-0.01430	0.2500
2752:	81	1	81	80	1	80	488347.15182	488347.16612	-0.01430	0.10000	0.00000	488347.16612	-0.01430	0.2500
2753:	68	25	43	67	25	42	488805.60819	488805.64001	-0.03181	0.10000	0.00000	488805.63951	-0.03131	0.5000
2754:	68	25	44	67	25	43	488805.60819	488805.63901	-0.03082	0.10000	0.00000	488805.63951	-0.03131	0.5000
2755:	67	19	49	66	19	48	490177.62176	490177.64347	-0.02171	0.10000	0.00000			
2756:	67	14	53	66	14	52	490725.51777	490725.39874	0.11902	0.10000	0.00000			
2757:	67	19	48	66	19	47	490738.22608	490738.45180	-0.22572	0.10000	0.00000			
2758:	68	23	46	67	23	45	490896.09123	490896.08385	0.00738	0.10000	0.00000	490896.16733	-0.07611	0.5000
2759:	68	23	45	67	23	44	490896.09123	490896.25081	-0.15959	0.10000	0.00000	490896.16733	-0.07611	0.5000
2760:	72	11	62	71	11	61	491145.03146	491144.96903	0.06243	0.10000	0.00000	491145.00075	0.03071	0.2500
2761:	72	10	62	71	10	61	491145.03146	491145.03247	-0.00101	0.10000	0.00000	491145.00075	0.03071	0.2500
2762:	72	11	62	71	10	61	491145.03146	491145.11455	-0.08309	0.10000	0.00000	491145.00075	0.03071	0.2500
2763:	72	10	62	71	11	61	491145.03146	491144.88695	0.14452	0.10000	0.00000	491145.00075	0.03071	0.2500
2764:	70	13	58	69	13	57	491563.56755	491563.49789	0.06967	0.10000	0.00000			
2765:	70	12	58	69	12	57	491586.63686	491586.54283	0.09404	0.10000	0.00000			
2766:	75	7	68	74	7	67	491689.96740	491689.99948	-0.03208	0.10000	0.00000	491689.99948	-0.03208	0.2500
2767:	75	7	68	74	8	67	491689.96740	491689.99947	-0.03208	0.10000	0.00000	491689.99948	-0.03208	0.2500
2768:	75	8	68	74	7	67	491689.96740	491689.99948	-0.03208	0.10000	0.00000	491689.99948	-0.03208	0.2500
2769:	75	8	68	74	8	67	491689.96740	491689.99948	-0.03208	0.10000	0.00000	491689.99948	-0.03208	0.2500
2770:	67	16	52	66	16	51	491866.61641	491866.63976	-0.02334	0.10000	0.00000			
2771:	76	6	70	75	7	69	492005.15389	492005.16421	-0.01032	0.10000	0.00000	492005.16421	-0.01032	0.2500
2772:	76	7	70	75	6	69	492005.15389	492005.16421	-0.01032	0.10000	0.00000	492005.16421	-0.01032	0.2500
2773:	76	7	70	75	7	69	492005.15389	492005.16421	-0.01032	0.10000	0.00000	492005.16421	-0.01032	0.2500
2774:	76	6	70	75	6	69	492005.15389	492005.16421	-0.01032	0.10000	0.00000	492005.16421	-0.01032	0.2500
2775:	69	14	56	68	14	55	492267.09304	492267.13997	-0.04693	0.10000	0.00000			
2776:	69	31	38	68	31	37	492291.14579	492291.30020	-0.15441	0.10000	0.00000	492291.30020	-0.15441	0.5000
2777:	69	31	39	68	31	38	492291.14579	492291.30020	-0.15441	0.10000	0.00000	492291.30020	-0.15441	0.5000
2778:	77	5	72	76	6	71	492354.19723	492354.23959	-0.04236	0.10000	0.00000	492354.23959	-0.04236	0.2500
2779:	77	6	72	76	5	71	492354.19723	492354.23959	-0.04236	0.10000	0.00000	492354.23959	-0.04236	0.2500
2780:	77	6	72	76	6	71	492354.19723	492354.23959	-0.04236	0.10000	0.00000	492354.23959	-0.04236	0.2500
2781:	77	5	72	76	5	71	492354.19723	492354.23959	-0.04236	0.10000	0.00000	492354.23959	-0.04236	0.2500
2782:	67	18	50	66	18	49	492469.92762	492469.94625	-0.01863	0.10000	0.00000			
2783:	69	13	56	68	13	55	492561.91750	492561.90267	0.01483	0.10000	0.00000			
2784:	65	15	50	64	15	49	492687.26471	492687.24171	0.02300	0.10000	0.00000	492706.31312	-0.22402	0.5000
2785:	37	17	21	36	16	20	492706.08910	492706.31180	-0.22270	0.10000	0.00000	492706.31312	-0.22402	0.5000
2786:	37	17	20	36	16	21	492706.08910	492706.31444	-0.22534	0.10000	0.00000	492706.31312	-0.22402	0.5000
2787:	78	4	74	77	5	73	492726.63541	492726.39960	0.23581	0.10000	0.00000	0.23581	0.2500	
2788:	78	5	74	77	4	73	492726.63541	492726.39960	0.23581	0.10000	0.00000	0.23581	0.2500	
2789:	78	5	74	77	5	73	492726.63541	492726.39960	0.23581	0.10000	0.00000	0.23581	0.2500	
2790:	78	4	74	77	4	73	492726.63541	492726.39960	0.23581	0.10000	0.00000	0.23581	0.2500	
2791:	69	30	40	68	30	39	492787.71874	492788.06565	-0.34691	0.10000	0.00000	492788.06565	-0.34691	0.5000
2792:	69	30	39	68	30	38	492787.71874	492788.06565	-0.34691	0.10000	0.00000	492788.06565	-0.34691	0.5000
2793:	68	15	54	67	15	53	493024.20027	493024.17564	0.02463	0.10000	0.00000			
2794:	69	3	76	78	3	75	493113.77842	493113.88703	-0.10861	0.10000	0.00000	493113.88703	-0.10861	0.2500
2795:	79	3	76	78	4	75	493113.77842	493113.88703	-0.10861	0.10000	0.00000	493113.88703	-0.10861	0.2500
2796:	79	4	76	78	3	75	493113.77842	493113.88703	-0.10861	0.10000	0.00000	493113.88703	-0.10861	0.2500

2797:	79	4	76	78	4	75	493113.77842	493113.88703	-0.10861	0.10000	0.00000	493113.88703	-0.10861	0.2500
2798:	65	16	49	64	16	48	493116.07603	493115.82746	0.24858	0.10000	0.00000			
2799:	35	18	34	17	17		493147.18215	493147.21674	-0.03459	0.10000	0.00000	493147.21675	-0.03460	0.5000
2800:	35	18	17	34	17	18	493147.18215	493147.21675	-0.03461	0.10000	0.00000	493147.21675	-0.03460	0.5000
2801:	25	23	3	24	22	2	493253.96081	493253.82670	0.13412	0.10000	0.00000	493253.82670	0.13412	0.5000
2802:	25	23	2	24	22	3	493253.96081	493253.82670	0.13412	0.10000	0.00000	493253.82670	0.13412	0.5000
2803:	29	21	9	28	20	8	493395.60585	493395.45705	0.14879	0.10000	0.00000	493395.45705	0.14879	0.5000
2804:	29	21	8	28	20	9	493395.60585	493395.45705	0.14879	0.10000	0.00000	493395.45705	0.14879	0.5000
2805:	80	2	78	79	2	77	493510.85415	493511.03359	-0.17944	0.10000	0.00000	493511.03359	-0.17944	0.2500
2806:	80	2	78	79	3	77	493510.85415	493511.03359	-0.17944	0.10000	0.00000	493511.03359	-0.17944	0.2500
2807:	80	3	78	79	2	77	493510.85415	493511.03359	-0.17944	0.10000	0.00000	493511.03359	-0.17944	0.2500
2808:	80	3	78	79	3	77	493510.85415	493511.03359	-0.17944	0.10000	0.00000	493511.03359	-0.17944	0.2500
2809:	67	17	51	66	17	50	493593.07438	493593.15116	-0.07679	0.10000	0.00000			
2810:	68	21	48	67	21	47	493843.26236	493843.17125	0.09110	0.10000	0.00000			
2811:	68	21	47	67	21	46	493860.19209	493860.00494	0.18715	0.10000	0.00000			
2812:	81	1	80	80	1	79	493913.82932	493913.63276	0.19656	0.10000	0.00000	493913.63276	0.19656	0.2500
2813:	81	1	80	80	2	79	493913.82932	493913.63276	0.19656	0.10000	0.00000	493913.63276	0.19656	0.2500
2814:	81	2	80	80	1	79	493913.82932	493913.63276	0.19656	0.10000	0.00000	493913.63276	0.19656	0.2500
2815:	81	2	80	80	2	79	493913.82932	493913.63276	0.19656	0.10000	0.00000	493913.63276	0.19656	0.2500
2816:	69	28	42	68	28	41	493948.60571	493948.64444	-0.03873	0.10000	0.00000	493948.64444	-0.03873	0.5000
2817:	69	28	41	68	28	40	493948.60571	493948.64444	-0.03873	0.10000	0.00000	493948.64444	-0.03873	0.5000
2818:	66	17	49	65	17	48	494238.61403	494238.81576	-0.20172	0.10000	0.00000			
2819:	82	0	82	81	1	81	494318.49381	494318.52421	-0.03040	0.10000	0.00000	494318.52421	-0.03040	0.2500
2820:	82	1	82	81	0	81	494318.49381	494318.52421	-0.03040	0.10000	0.00000	494318.52421	-0.03040	0.2500
2821:	82	1	82	81	1	81	494318.49381	494318.52421	-0.03040	0.10000	0.00000	494318.52421	-0.03040	0.2500
2822:	82	0	82	81	0	81	494318.49381	494318.52421	-0.03040	0.10000	0.00000	494318.52421	-0.03040	0.2500
2823:	69	27	42	68	27	41	494633.55236	494633.64261	-0.09025	0.10000	0.00000	494633.64260	-0.09025	0.5000
2824:	69	27	43	68	27	42	494633.55236	494633.64260	-0.09024	0.10000	0.00000	494633.64260	-0.09025	0.5000
2825:	69	26	43	68	26	42	495407.47189	495407.48703	-0.01514	0.10000	0.00000	495407.48696	-0.01507	0.5000
2826:	69	26	44	68	26	43	495407.47189	495407.48689	-0.01500	0.10000	0.00000	495407.48696	-0.01507	0.5000
2827:	68	14	54	67	14	53	495623.79864	495623.55707	0.24157	0.10000	0.00000			
2828:	68	20	49	67	20	48	495819.25512	495819.45537	-0.20025	0.10000	0.00000			
2829:	69	25	44	68	25	43	496289.96556	496289.96696	-0.00140	0.10000	0.00000	496289.96595	-0.00039	0.5000
2830:	69	25	45	68	25	44	496289.96556	496289.96493	0.00062	0.10000	0.00000	496289.96595	-0.00039	0.5000
2831:	73	10	63	72	11	62	497075.20891	497075.12202	0.08689	0.10000	0.00000	497075.18612	0.02278	0.2500
2832:	73	11	63	72	11	62	497075.20891	497075.16814	0.04076	0.10000	0.00000	497075.18612	0.02278	0.2500
2833:	73	10	63	72	10	62	497075.20891	497075.20410	0.00480	0.10000	0.00000	497075.18612	0.02278	0.2500
2834:	73	11	63	72	10	62	497075.20891	497075.25023	-0.04132	0.10000	0.00000	497075.18612	0.02278	0.2500
2835:	72	11	61	71	11	60	497128.00361	497128.49532	-0.49170	0.10000	0.00000	497128.09610	-0.09248	0.5000
2836:	72	12	61	71	12	60	497128.00361	497127.69687	0.30674	0.10000	0.00000	497128.09610	-0.09248	0.5000
2837:	74	10	65	73	10	64	497176.78205	497176.79502	-0.01297	0.10000	0.00000	497176.79567	-0.01362	0.2500
2838:	74	9	65	73	9	64	497176.78205	497176.79632	-0.01427	0.10000	0.00000	497176.79567	-0.01362	0.2500
2839:	74	10	65	73	9	64	497176.78205	497176.79789	-0.01584	0.10000	0.00000	497176.79567	-0.01362	0.2500
2840:	74	9	65	73	10	64	497176.78205	497176.79345	-0.01140	0.10000	0.00000	497176.79567	-0.01362	0.2500
2841:	69	24	46	68	24	45	497307.82591	497307.73177	0.09414	0.10000	0.00000	497307.74516	0.08075	0.5000
2842:	69	24	45	68	24	44	497307.82591	497307.75855	0.06736	0.10000	0.00000	497307.74516	0.08075	0.5000
2843:	75	9	67	74	9	66	497379.87023	497379.84612	0.02412	0.10000	0.00000	497379.84613	0.02410	0.2500
2844:	75	8	67	74	8	66	497379.87023	497379.84615	0.02408	0.10000	0.00000	497379.84613	0.02410	0.2500
2845:	75	9	67	74	8	66	497379.87023	497379.84620	0.02403	0.10000	0.00000	497379.84613	0.02410	0.2500

2846:	75	8	67	74	9	66	497379.87023	497379.84607	0.02416	0.10000	0.00000	497379.84613	0.02410	0.2500
2847:	71	12	59	70	12	58	497435.92946	497435.90499	0.02447	0.10000	0.00000			
2848:	76	7	69	75	7	68	497651.48985	497651.52249	-0.03264	0.10000	0.00000	497651.52249	-0.03264	0.2500
2849:	76	7	69	75	8	68	497651.48985	497651.52249	-0.03264	0.10000	0.00000	497651.52249	-0.03264	0.2500
2850:	76	8	69	75	7	68	497651.48985	497651.52249	-0.03264	0.10000	0.00000	497651.52249	-0.03264	0.2500
2851:	76	8	69	75	8	68	497651.48985	497651.52249	-0.03264	0.10000	0.00000	497651.52249	-0.03264	0.2500
2852:	77	6	71	76	7	70	497970.38774	497970.34800	0.03974	0.10000	0.00000	497970.34800	0.03974	0.2500
2853:	77	7	71	76	6	70	497970.38774	497970.34800	0.03974	0.10000	0.00000	497970.34800	0.03974	0.2500
2854:	77	7	71	76	7	70	497970.38774	497970.34800	0.03974	0.10000	0.00000	497970.34800	0.03974	0.2500
2855:	77	6	71	76	6	70	497970.38774	497970.34800	0.03974	0.10000	0.00000	497970.34800	0.03974	0.2500
2856:	70	14	57	69	14	56	498071.94007	498072.16776	-0.22768	0.10000	0.00000			
2857:	68	19	50	67	19	49	498153.04107	498152.98583	0.05523	0.10000	0.00000			
2858:	66	15	51	65	15	50	498231.74474	498231.71436	0.03038	0.10000	0.00000			
2859:	70	13	57	69	13	56	498260.35120	498260.45610	-0.10491	0.10000	0.00000			
2860:	78	5	73	77	5	72	498321.76720	498321.67515	0.09205	0.10000	0.00000	498321.67515	0.09205	0.2500
2861:	78	5	73	77	6	72	498321.76720	498321.67515	0.09205	0.10000	0.00000	498321.67515	0.09205	0.2500
2862:	78	6	73	77	5	72	498321.76720	498321.67515	0.09205	0.10000	0.00000	498321.67515	0.09205	0.2500
2863:	78	6	73	77	6	72	498321.76720	498321.67515	0.09205	0.10000	0.00000	498321.67515	0.09205	0.2500
2864:	68	16	53	67	16	52	498397.32973	498397.46213	-0.13241	0.10000	0.00000			
2865:	69	23	46	68	23	45	498497.86385	498498.25389	-0.39003	0.10000	0.00000	498498.09665	-0.23280	0.5000
2866:	69	23	47	68	23	46	498497.86385	498497.93941	-0.07556	0.10000	0.00000	498498.09665	-0.23280	0.5000
2867:	70	33	37	69	33	36	498692.13707	498692.42293	-0.28586	0.10000	0.00000	498692.42293	-0.28586	0.5000
2868:	70	33	38	69	33	37	498692.13707	498692.42293	-0.28586	0.10000	0.00000	498692.42293	-0.28586	0.5000
2869:	79	5	75	78	5	74	498695.17458	498695.19925	-0.02467	0.10000	0.00000	498695.19925	-0.02467	0.2500
2870:	79	4	75	78	4	74	498695.17458	498695.19925	-0.02467	0.10000	0.00000	498695.19925	-0.02467	0.2500
2871:	79	4	75	78	5	74	498695.17458	498695.19925	-0.02467	0.10000	0.00000	498695.19925	-0.02467	0.2500
2872:	79	5	75	78	4	74	498695.17458	498695.19925	-0.02467	0.10000	0.00000	498695.19925	-0.02467	0.2500
2873:	69	15	55	68	15	54	498923.10877	498923.03752	0.07126	0.10000	0.00000			
2874:	68	19	49	67	19	48	499034.80690	499034.83079	-0.02389	0.10000	0.00000			
2875:	80	3	77	79	4	76	499083.49175	499083.49484	-0.00309	0.10000	0.00000	499083.49484	-0.00309	0.2500
2876:	80	4	77	79	3	76	499083.49175	499083.49484	-0.00309	0.10000	0.00000	499083.49484	-0.00309	0.2500
2877:	80	4	77	79	4	76	499083.49175	499083.49484	-0.00309	0.10000	0.00000	499083.49484	-0.00309	0.2500
2878:	80	3	77	79	3	76	499083.49175	499083.49484	-0.00309	0.10000	0.00000	499083.49484	-0.00309	0.2500
2879:	81	2	79	80	2	78	499481.09094	499481.10937	-0.01844	0.10000	0.00000	499481.10937	-0.01844	0.2500
2880:	81	2	79	80	3	78	499481.09094	499481.10937	-0.01844	0.10000	0.00000	499481.10937	-0.01844	0.2500
2881:	81	3	79	80	2	78	499481.09094	499481.10937	-0.01844	0.10000	0.00000	499481.10937	-0.01844	0.2500
2882:	81	3	79	80	3	78	499481.09094	499481.10937	-0.01844	0.10000	0.00000	499481.10937	-0.01844	0.2500
2883:	38	17	21	37	16	22	499575.12225	499575.17523	-0.05298	0.10000	0.00000	499575.17196	-0.04971	0.5000
2884:	38	17	22	37	16	21	499575.12225	499575.16869	-0.04643	0.10000	0.00000	499575.17196	-0.04971	0.5000
2885:	70	31	40	69	31	39	499595.61021	499595.73678	-0.12657	0.10000	0.00000	499595.73678	-0.12657	0.5000
2886:	70	31	39	69	31	38	499595.61021	499595.73678	-0.12657	0.10000	0.00000	499595.73678	-0.12657	0.5000
2887:	82	1	81	81	2	80	499884.00794	499883.97862	0.02932	0.10000	0.00000	499883.97862	0.02932	0.3333
2888:	82	2	81	81	1	80	499884.00794	499883.97862	0.02932	0.10000	0.00000	499883.97862	0.02932	0.3333
2889:	82	2	81	81	2	80	499884.00794	499883.97862	0.02932	0.10000	0.00000	499883.97862	0.02932	0.3333
2890:	69	22	48	68	22	47	499914.11836	499914.11750	0.00086	0.10000	0.00000			
2891:	69	22	47	68	22	46	499917.22420	499917.36521	-0.14101	0.10000	0.00000			
2892:	24	24	1	23	23	0	500224.66307	500224.66307	-0.02527	0.10000	0.00000	500224.66307	-0.02527	0.5000
2893:	24	24	0	23	23	1	500224.63780	500224.66307	-0.02527	0.10000	0.00000	500224.66307	-0.02527	0.5000
2894:	83	0	83	82	1	82	500289.05530	500289.03685	0.01844	0.10000	0.00000	500289.03685	0.01844	0.2500

2895:	83	1	83	82	0	82	500289.05530	500289.03685	0.01844	0.10000	0.00000	500289.03685	0.01844	0.2500
2896:	83	1	83	82	1	82	500289.05530	500289.03685	0.01844	0.10000	0.00000	500289.03685	0.01844	0.2500
2897:	83	0	83	82	0	82	500289.05530	500289.03685	0.01844	0.10000	0.00000	500289.03685	0.01844	0.2500
2898:	26	23	3	25	22	4	500314.36449	500314.62319	-0.25871	0.10000	0.00000	500314.62319	-0.25871	0.5000
2899:	26	23	4	25	22	3	500314.36449	500314.62319	-0.25871	0.10000	0.00000	500314.62319	-0.25871	0.5000
2900:	68	18	51	67	18	50	500342.63161	500342.47015	0.16147	0.10000	0.00000			
2901:	34	19	16	33	18	15	500345.95015	500345.99772	-0.04757	0.10000	0.00000	500345.99772	-0.04757	0.5000
2902:	34	19	15	33	18	16	500345.95015	500345.99772	-0.04757	0.10000	0.00000	500345.99772	-0.04757	0.5000
2903:	28	22	7	27	21	6	500391.45541	500391.46669	-0.01128	0.10000	0.00000	500391.46669	-0.01128	0.5000
2904:	28	22	6	27	21	7	500391.45541	500391.46669	-0.01128	0.10000	0.00000	500391.46669	-0.01128	0.5000
2905:	32	20	13	31	19	12	500438.49244	500438.89063	-0.39819	0.10000	0.00000	500438.89063	-0.39819	0.5000
2906:	32	20	12	31	19	13	500438.49244	500438.89063	-0.39819	0.10000	0.00000	500438.89063	-0.39819	0.5000
2907:	30	21	9	29	20	10	500440.93198	500440.85312	0.07886	0.10000	0.00000	500440.85312	0.07886	0.5000
2908:	30	21	10	29	20	9	500440.93198	500440.85312	0.07886	0.10000	0.00000	500440.85312	0.07886	0.5000
2909:	70	29	42	69	29	41	500690.06555	500690.09554	-0.02999	0.10000	0.00000	500690.09554	-0.02999	0.5000
2910:	70	29	41	69	29	40	500690.06555	500690.09554	-0.02999	0.10000	0.00000	500690.09554	-0.02999	0.5000
2911:	69	14	55	68	14	54	500720.57105	500720.62861	-0.05756	0.10000	0.00000			
2912:	68	17	52	67	17	51	500928.44018	500928.42041	0.01977	0.10000	0.00000			
2913:	70	28	43	69	28	42	501330.33199	501330.47373	-0.14174	0.10000	0.00000	501330.47373	-0.14174	0.5000
2914:	70	28	42	69	28	41	501330.33199	501330.47373	-0.14174	0.10000	0.00000	501330.47373	-0.14174	0.5000
2915:	69	21	49	68	21	48	501632.16231	501632.31215	-0.14984	0.10000	0.00000			
2916:	69	21	48	68	21	47	501661.15982	501661.38932	-0.22951	0.10000	0.00000			
2917:	66	16	50	65	16	49	501838.59158	501838.52560	0.06598	0.10000	0.00000			
2918:	70	27	44	69	27	43	502049.02493	502048.95594	0.06899	0.10000	0.00000	502048.95595	0.06898	0.5000
2919:	70	27	43	69	27	42	502049.02493	502048.95596	0.06897	0.10000	0.00000	502048.95595	0.06898	0.5000
2920:	75	10	66	74	10	65	503123.17627	503123.26189	-0.08562	0.10000	0.00000	503123.26224	-0.08598	0.2500
2921:	75	9	66	74	9	65	503123.17627	503123.26260	-0.08633	0.10000	0.00000	503123.26224	-0.08598	0.2500
2922:	75	10	66	74	9	65	503123.17627	503123.26346	-0.08719	0.10000	0.00000	503123.26224	-0.08598	0.2500
2923:	75	9	66	74	10	65	503123.17627	503123.26103	-0.08476	0.10000	0.00000	503123.26224	-0.08598	0.2500
2924:	67	15	52	66	15	51	503182.83055	503182.60235	0.22820	0.10000	0.00000			
2925:	72	12	60	71	12	59	503295.84369	503295.74665	0.09704	0.10000	0.00000			
2926:	76	8	68	75	9	67	503335.34441	503335.30631	0.03810	0.10000	0.00000	503335.30634	0.03806	0.2500
2927:	76	9	68	75	9	67	503335.34441	503335.30633	0.03807	0.10000	0.00000	503335.30634	0.03806	0.2500
2928:	76	9	68	75	8	67	503335.34441	503335.30638	0.03803	0.10000	0.00000	503335.30634	0.03806	0.2500
2929:	76	8	68	75	8	67	503335.34441	503335.30635	0.03805	0.10000	0.00000	503335.30634	0.03806	0.2500
2930:	77	7	70	76	8	69	503612.81691	503612.56641	0.25051	0.10000	0.00000	503612.56641	0.25051	0.2500
2931:	77	8	70	76	7	69	503612.81691	503612.56641	0.25051	0.10000	0.00000	503612.56641	0.25051	0.2500
2932:	77	8	70	76	8	69	503612.81691	503612.56641	0.25051	0.10000	0.00000	503612.56641	0.25051	0.2500
2933:	77	7	70	76	7	69	503612.81691	503612.56641	0.25051	0.10000	0.00000	503612.56641	0.25051	0.2500
2934:	69	20	50	68	20	49	503732.58928	503732.53650	0.05277	0.10000	0.00000			
2935:	70	25	45	69	25	44	503790.45552	503790.40880	0.04671	0.10000	0.00000	503790.40677	0.04875	0.5000
2936:	70	25	46	69	25	45	503790.45552	503790.40473	0.05079	0.10000	0.00000	503790.40677	0.04875	0.5000
2937:	71	14	58	70	14	57	503880.76037	503880.71708	0.04329	0.10000	0.00000			
2938:	78	6	72	77	7	71	503934.91740	503934.86933	0.04807	0.10000	0.00000	503934.86933	0.04807	0.2500
2939:	78	7	72	77	6	71	503934.91740	503934.86933	0.04807	0.10000	0.00000	503934.86933	0.04807	0.2500
2940:	78	7	72	77	7	71	503934.91740	503934.86933	0.04807	0.10000	0.00000	503934.86933	0.04807	0.2500
2941:	78	6	72	77	6	71	503934.91740	503934.86933	0.04807	0.10000	0.00000	503934.86933	0.04807	0.2500
2942:	69	20	49	68	20	48	503953.28200	503953.22093	0.06107	0.10000	0.00000			
2943:	67	17	50	66	17	49	504086.77261	504086.76375	0.00886	0.10000	0.00000			

2944:	79	5	74	78	6	73	504288.32925	504288.34777	-0.01852	0.10000	0.00000	504288.34777	-0.01852	0.2500
2945:	79	6	74	78	5	73	504288.32925	504288.34777	-0.01852	0.10000	0.00000	504288.34777	-0.01852	0.2500
2946:	79	6	74	78	6	73	504288.32925	504288.34777	-0.01852	0.10000	0.00000	504288.34777	-0.01852	0.2500
2947:	79	5	74	78	5	73	504288.32925	504288.34777	-0.01852	0.10000	0.00000	504288.34777	-0.01852	0.2500
2948:	80	4	76	79	5	75	504663.15726	504663.18286	-0.02560	0.10000	0.00000	504663.18286	-0.02560	0.2500
2949:	80	5	76	79	4	75	504663.15726	504663.18286	-0.02560	0.10000	0.00000	504663.18286	-0.02560	0.2500
2950:	80	5	76	79	5	75	504663.15726	504663.18286	-0.02560	0.10000	0.00000	504663.18286	-0.02560	0.2500
2951:	80	4	76	79	4	75	504663.15726	504663.18286	-0.02560	0.10000	0.00000	504663.18286	-0.02560	0.2500
2952:	69	16	54	68	16	53	504753.66763	504753.60730	0.06033	0.10000	0.00000			
2953:	70	15	56	69	15	55	504769.98353	504770.14518	-0.16164	0.10000	0.00000			
2954:	70	24	46	69	24	45	504863.72834	504863.89692	-0.16858	0.10000	0.00000	504863.87102	-0.14268	0.5000
2955:	70	24	47	69	24	46	504863.72834	504863.84511	-0.11678	0.10000	0.00000	504863.87102	-0.14268	0.5000
2956:	81	3	78	80	4	77	505052.24776	505052.26054	-0.01278	0.10000	0.00000	505052.26054	-0.01278	0.2500
2957:	81	4	78	80	3	77	505052.24776	505052.26054	-0.01278	0.10000	0.00000	505052.26054	-0.01278	0.2500
2958:	81	4	78	80	4	77	505052.24776	505052.26054	-0.01278	0.10000	0.00000	505052.26054	-0.01278	0.2500
2959:	81	3	78	80	3	77	505052.24776	505052.26054	-0.01278	0.10000	0.00000	505052.26054	-0.01278	0.2500
2960:	82	2	80	81	2	79	505450.32327	505450.33202	-0.00875	0.10000	0.00000	505450.33202	-0.00875	0.2500
2961:	82	2	80	81	3	79	505450.32327	505450.33202	-0.00875	0.10000	0.00000	505450.33202	-0.00875	0.2500
2962:	82	3	80	81	2	79	505450.32327	505450.33202	-0.00875	0.10000	0.00000	505450.33202	-0.00875	0.2500
2963:	82	3	80	81	3	79	505450.32327	505450.33202	-0.00875	0.10000	0.00000	505450.33202	-0.00875	0.2500
2964:	83	1	82	82	2	81	505853.47133	505853.46822	0.00311	0.10000	0.00000	505853.46822	0.00311	0.2500
2965:	83	2	82	82	1	81	505853.47133	505853.46822	0.00311	0.10000	0.00000	505853.46822	0.00311	0.2500
2966:	83	2	82	82	2	81	505853.47133	505853.46822	0.00311	0.10000	0.00000	505853.46822	0.00311	0.2500
2967:	83	1	82	82	1	81	505853.47133	505853.46822	0.00311	0.10000	0.00000	505853.46822	0.00311	0.2500
2968:	70	14	56	69	14	55	505989.82579	505989.77273	0.05306	0.10000	0.00000			
2969:	70	23	48	69	23	47	506123.33510	506122.96299	0.37211	0.10000	0.00000	506123.25526	0.07985	0.5000
2970:	70	23	47	69	23	46	506123.33510	506123.54753	-0.21242	0.10000	0.00000	506123.25526	0.07985	0.5000
2971:	69	19	51	68	19	50	506139.08985	506139.08414	0.00570	0.10000	0.00000			
2972:	84	0	84	83	0	83	506258.71189	506258.69372	0.01817	0.10000	0.00000	506258.69372	0.01817	0.2500
2973:	84	0	84	83	1	83	506258.71189	506258.69372	0.01817	0.10000	0.00000	506258.69372	0.01817	0.2500
2974:	84	1	84	83	0	83	506258.71189	506258.69372	0.01817	0.10000	0.00000	506258.69372	0.01817	0.2500
2975:	84	1	84	83	1	83	506258.71189	506258.69372	0.01817	0.10000	0.00000	506258.69372	0.01817	0.2500
2976:	37	18	19	36	17	20	507028.07858	507028.04478	0.03374	0.10000	0.00000	507028.04478	0.03379	0.5000
2977:	37	18	20	36	17	19	507028.07858	507028.04473	0.03384	0.10000	0.00000	507028.04478	0.03379	0.5000
2978:	25	24	2	24	23	1	507286.53319	507286.58610	-0.05292	0.10000	0.00000	507286.58610	-0.05292	0.5000
2979:	25	24	1	24	23	2	507286.53319	507286.58610	-0.05292	0.10000	0.00000	507286.58610	-0.05292	0.5000
2980:	35	19	16	34	18	17	507332.57182	507332.53302	0.03881	0.10000	0.00000	507332.53302	0.03881	0.5000
2981:	35	19	17	34	18	16	507332.57182	507332.53302	0.03881	0.10000	0.00000	507332.53302	0.03881	0.5000
2982:	27	23	5	26	22	4	507373.70285	507373.64077	0.06209	0.10000	0.00000	507373.64077	0.06209	0.5000
2983:	27	23	4	26	22	5	507373.70285	507373.64077	0.06209	0.10000	0.00000	507373.64077	0.06209	0.5000
2984:	29	22	8	28	21	7	507443.95955	507444.03470	-0.07514	0.10000	0.00000	507444.03470	-0.07514	0.5000
2985:	29	22	7	28	21	8	507443.95955	507444.03470	-0.07514	0.10000	0.00000	507444.03470	-0.07514	0.5000
2986:	33	20	14	32	19	13	507458.78695	507459.05194	-0.26499	0.10000	0.00000	507459.05194	-0.26499	0.5000
2987:	33	20	13	32	19	14	507458.78695	507459.05194	-0.26499	0.10000	0.00000	507459.05194	-0.26499	0.5000
2988:	31	21	11	30	20	10	507481.42164	507481.46485	-0.04321	0.10000	0.00000	507481.46485	-0.04321	0.5000
2989:	31	21	10	30	20	11	507481.42164	507481.46485	-0.04321	0.10000	0.00000	507481.46485	-0.04321	0.5000
2990:	69	19	50	68	19	49	507499.77991	507499.84888	-0.06897	0.10000	0.00000			
2991:	70	22	49	69	22	48	507626.62706	507626.83305	-0.20599	0.10000	0.00000			
2992:	70	22	48	69	22	47	507632.42933	507632.62197	-0.19264	0.10000	0.00000			

2993:	68	15	53	67	15	52	507743.59333	507743.68834	-0.09501	0.10000	0.00000	508052.64536	-0.02584	0.5000
2994:	71	29	43	70	29	42	508052.61952	508052.64536	-0.02584	0.10000	0.00000	508052.64536	-0.02584	0.5000
2995:	71	29	42	70	29	41	508052.61952	508052.64536	-0.02584	0.10000	0.00000	508052.64536	-0.02584	0.5000
2996:	69	17	53	68	17	52	508077.29464	508077.22530	0.06935	0.10000	0.00000	508077.22530	0.06935	0.5000
2997:	71	28	44	70	28	43	508723.23422	508723.35051	-0.11629	0.10000	0.00000	508723.35051	-0.11629	0.5000
2998:	71	28	43	70	28	42	508723.23422	508723.35051	-0.11629	0.10000	0.00000	508723.35051	-0.11629	0.5000
2999:	75	10	65	74	11	64	508940.06950	508940.04357	0.02594	0.10000	0.00000	508940.05698	0.01252	0.3333
3000:	75	11	65	74	11	64	508940.06950	508940.05798	0.01153	0.10000	0.00000	508940.05698	0.01252	0.3333
3001:	75	10	65	74	10	64	508940.06950	508940.06939	0.00011	0.10000	0.00000	508940.05698	0.01252	0.3333
3002:	76	10	67	75	10	66	509070.04576	509070.06710	-0.02134	0.10000	0.00000	509070.06729	-0.02153	0.2500
3003:	76	9	67	75	9	66	509070.04576	509070.06749	-0.02173	0.10000	0.00000	509070.06729	-0.02153	0.2500
3004:	76	10	67	75	9	66	509070.04576	509070.06796	-0.02219	0.10000	0.00000	509070.06729	-0.02153	0.2500
3005:	76	9	67	75	10	66	509070.04576	509070.06663	-0.02087	0.10000	0.00000	509070.06729	-0.02153	0.2500
3006:	73	13	61	72	13	60	509158.76599	509159.16945	-0.40346	0.10000	0.00000	509070.06729	-0.02153	0.2500
3007:	73	12	61	72	12	60	509164.20662	509164.24614	-0.03952	0.10000	0.00000	509070.06729	-0.02153	0.2500
3008:	77	8	69	76	8	68	509290.51630	509290.55600	-0.03970	0.10000	0.00000	509290.55600	-0.03970	0.2500
3009:	77	8	69	76	9	68	509290.51630	509290.55598	-0.03968	0.10000	0.00000	509290.55600	-0.03970	0.2500
3010:	77	9	69	76	8	68	509290.51630	509290.55602	-0.03971	0.10000	0.00000	509290.55600	-0.03970	0.2500
3011:	77	9	69	76	9	68	509290.51630	509290.55599	-0.03969	0.10000	0.00000	509290.55600	-0.03970	0.2500
3012:	71	27	44	70	27	43	509476.88156	509476.79532	0.08625	0.10000	0.00000	509476.79530	0.08627	0.5000
3013:	71	27	45	70	27	44	509476.88156	509476.79528	0.08629	0.10000	0.00000	509476.79530	0.08627	0.5000
3014:	70	21	49	69	21	48	509506.48389	509506.50001	-0.01612	0.10000	0.00000	509476.79530	0.08627	0.5000
3015:	78	8	71	77	7	70	509572.96797	509573.09496	-0.12699	0.10000	0.00000	509573.09496	-0.12699	0.3333
3016:	78	8	71	77	8	70	509572.96797	509573.09496	-0.12699	0.10000	0.00000	509573.09496	-0.12699	0.3333
3017:	78	7	71	77	7	70	509572.96797	509573.09496	-0.12699	0.10000	0.00000	509573.09496	-0.12699	0.3333
3018:	72	14	59	71	14	58	509695.37870	509695.42776	-0.04905	0.10000	0.00000	509573.09496	-0.12699	0.3333
3019:	72	13	59	71	13	58	509770.24014	509770.10697	0.13317	0.10000	0.00000	509573.09496	-0.12699	0.3333
3020:	67	16	51	66	16	50	509839.28951	509839.30431	-0.01479	0.10000	0.00000	509573.09496	-0.12699	0.3333
3021:	80	5	75	79	6	74	510254.27588	510254.24107	0.03480	0.10000	0.00000	510254.24107	0.03480	0.2500
3022:	80	6	75	79	5	74	510254.27588	510254.24107	0.03480	0.10000	0.00000	510254.24107	0.03480	0.2500
3023:	80	6	75	79	6	74	510254.27588	510254.24107	0.03480	0.10000	0.00000	510254.24107	0.03480	0.2500
3024:	80	5	75	79	5	74	510254.27588	510254.24107	0.03480	0.10000	0.00000	510254.24107	0.03480	0.2500
3025:	71	26	45	70	26	44	510330.69164	510330.48304	0.20860	0.10000	0.00000	510330.48275	0.20889	0.5000
3026:	71	26	46	70	26	45	510330.69164	510330.48245	0.20919	0.10000	0.00000	510330.48275	0.20889	0.5000
3027:	81	4	77	80	4	76	510630.14957	510630.33743	-0.18786	0.10000	0.00000	510630.33743	-0.18786	0.2500
3028:	81	4	77	80	5	76	510630.14957	510630.33743	-0.18786	0.10000	0.00000	510630.33743	-0.18786	0.2500
3029:	81	5	77	80	4	76	510630.14957	510630.33743	-0.18786	0.10000	0.00000	510630.33743	-0.18786	0.2500
3030:	81	5	77	80	5	76	510630.14957	510630.33743	-0.18786	0.10000	0.00000	510630.33743	-0.18786	0.2500
3031:	31	8	23	31	3	28	510956.30835	510956.21647	0.09187	0.10000	0.00000	510630.33743	-0.18786	0.2500
3032:	82	3	79	81	4	78	511020.15424	511020.17274	-0.01850	0.10000	0.00000	511020.17274	-0.01850	0.2500
3033:	82	4	79	81	3	78	511020.15424	511020.17274	-0.01850	0.10000	0.00000	511020.17274	-0.01850	0.2500
3034:	82	4	79	81	4	78	511020.15424	511020.17274	-0.01850	0.10000	0.00000	511020.17274	-0.01850	0.2500
3035:	82	3	79	81	3	78	511020.15424	511020.17274	-0.01850	0.10000	0.00000	511020.17274	-0.01850	0.2500
3036:	71	25	46	70	25	45	511307.65274	511307.62542	0.02732	0.10000	0.00000	511307.62138	0.03136	0.5000
3037:	71	25	47	70	25	46	511307.65274	511307.61734	0.03540	0.10000	0.00000	511307.62138	0.03136	0.5000
3038:	71	14	57	70	14	56	511397.71352	511397.68809	0.02543	0.10000	0.00000	511307.62138	0.03136	0.5000
3039:	83	2	81	82	2	80	511418.70082	511418.69086	0.00996	0.10000	0.00000	511418.69086	0.00996	0.2500
3040:	83	2	81	82	3	80	511418.70082	511418.69086	0.00996	0.10000	0.00000	511418.69086	0.00996	0.2500
3041:	83	3	81	82	2	80	511418.70082	511418.69086	0.00996	0.10000	0.00000	511418.69086	0.00996	0.2500

3042:	83	3	81	82	3	80	511418.70082	511418.69086	0.00996	0.10000	0.00000	511418.69086	0.00996	0.2500
3043:	70	20	51	69	20	50	511680.31046	511680.19903	0.11143	0.10000	0.00000			
3044:	84	1	83	83	2	82	511822.09327	511822.09116	0.00211	0.10000	0.00000	511822.09116	0.00211	0.2500
3045:	84	2	83	83	1	82	511822.09327	511822.09116	0.00211	0.10000	0.00000	511822.09116	0.00211	0.2500
3046:	84	2	83	83	1	82	511822.09327	511822.09116	0.00211	0.10000	0.00000	511822.09116	0.00211	0.2500
3047:	84	1	83	83	1	82	511822.09327	511822.09116	0.00211	0.10000	0.00000	511822.09116	0.00211	0.2500
3048:	70	20	50	69	20	49	512037.23456	512037.15111	0.08345	0.10000	0.00000			
3049:	69	15	54	68	15	53	512140.74353	512140.87114	-0.12761	0.10000	0.00000			
3050:	85	0	85	84	0	84	512227.44526	512227.48448	-0.03922	0.10000	0.00000	512227.48448	-0.03922	0.2500
3051:	85	0	85	84	1	84	512227.44526	512227.48448	-0.03922	0.10000	0.00000	512227.48448	-0.03922	0.2500
3052:	85	1	85	84	0	84	512227.44526	512227.48448	-0.03922	0.10000	0.00000	512227.48448	-0.03922	0.2500
3053:	85	1	85	84	1	84	512227.44526	512227.48448	-0.03922	0.10000	0.00000	512227.48448	-0.03922	0.2500
3054:	71	24	47	70	24	46	512440.08834	512440.03696	0.05138	0.10000	0.00000	512439.98751	0.10083	0.5000
3055:	71	24	48	70	24	47	512440.08834	512439.93805	0.15029	0.10000	0.00000	512439.98751	0.10083	0.5000
3056:	40	17	23	39	16	24	513234.20520	513234.01824	0.18696	0.10000	0.00000	513233.99974	0.20546	0.5000
3057:	40	17	24	39	16	23	513234.20520	513233.98123	0.22397	0.10000	0.00000	513233.99974	0.20546	0.5000
3058:	68	17	51	67	17	50	513848.16214	513848.08632	0.07582	0.10000	0.00000			
3059:	38	18	21	37	17	20	513941.81360	513941.88515	-0.07156	0.10000	0.00000	513941.88529	-0.07169	0.5000
3060:	38	18	20	37	17	21	513941.81360	513941.88543	-0.07183	0.10000	0.00000	513941.88529	-0.07169	0.5000
3061:	70	19	52	69	19	51	514120.09515	514120.01817	0.07698	0.10000	0.00000			
3062:	36	19	18	35	18	17	514306.96516	514306.90720	0.05796	0.10000	0.00000	514306.90720	0.05796	0.5000
3063:	36	19	17	35	18	18	514306.96516	514306.90720	0.05796	0.10000	0.00000	514306.90720	0.05796	0.5000
3064:	26	24	3	25	23	2	514347.30217	514347.32616	-0.02398	0.10000	0.00000	514347.32616	-0.02398	0.5000
3065:	26	24	2	25	23	3	514347.30217	514347.32616	-0.02398	0.10000	0.00000	514347.32616	-0.02398	0.5000
3066:	28	23	6	27	22	5	514430.59407	514430.54873	0.04534	0.10000	0.00000	514430.54873	0.04534	0.5000
3067:	28	23	5	27	22	6	514430.59407	514430.54873	0.04534	0.10000	0.00000	514430.54873	0.04534	0.5000
3068:	34	20	14	33	19	15	514471.08891	514471.08317	0.00574	0.10000	0.00000	514471.08317	0.00574	0.5000
3069:	34	20	15	33	19	14	514471.08891	514471.08317	0.00574	0.10000	0.00000	514471.08317	0.00574	0.5000
3070:	30	22	9	29	21	8	514493.12315	514493.15398	-0.03083	0.10000	0.00000	514493.15398	-0.03083	0.5000
3071:	30	22	8	29	21	9	514493.12315	514493.15398	-0.03083	0.10000	0.00000	514493.15398	-0.03083	0.5000
3072:	32	21	12	31	20	11	514516.81872	514516.70784	0.11088	0.10000	0.00000	514516.70784	0.11088	0.5000
3073:	32	21	11	31	20	12	514516.81872	514516.70784	0.11088	0.10000	0.00000	514516.70784	0.11088	0.5000
3074:	72	30	43	71	30	42	514796.15108	514796.15585	-0.00477	0.10000	0.00000	514796.15585	-0.00477	0.5000
3075:	72	30	42	71	30	41	514796.15108	514796.15585	-0.00477	0.10000	0.00000	514796.15585	-0.00477	0.5000
3076:	76	10	66	75	11	65	514874.36754	514874.32205	0.04549	0.10000	0.00000	514874.33326	0.03428	0.2500
3077:	76	11	66	75	11	65	514874.36754	514874.33006	0.03748	0.10000	0.00000	514874.33326	0.03428	0.2500
3078:	76	10	66	75	10	65	514874.36754	514874.33646	0.03108	0.10000	0.00000	514874.33326	0.03428	0.2500
3079:	76	11	66	75	10	65	514874.36754	514874.34447	0.02306	0.10000	0.00000	514874.33326	0.03428	0.2500
3080:	77	10	68	76	10	67	515017.00760	515017.10712	-0.09952	0.10000	0.00000	515017.10722	-0.09963	0.2500
3081:	77	9	68	76	9	67	515017.00760	515017.10733	-0.09973	0.10000	0.00000	515017.10722	-0.09963	0.2500
3082:	77	10	68	76	9	67	515017.00760	515017.10758	-0.09999	0.10000	0.00000	515017.10722	-0.09963	0.2500
3083:	77	9	68	76	10	67	515017.00760	515017.10686	-0.09927	0.10000	0.00000	515017.10722	-0.09963	0.2500
3084:	70	17	54	69	17	53	515028.18742	515027.97707	0.21035	0.10000	0.00000			
3085:	74	13	62	73	13	61	515037.33576	515036.97987	0.35589	0.10000	0.00000			
3086:	74	12	62	73	12	61	515040.12233	515040.00842	0.11391	0.10000	0.00000			
3087:	78	8	70	77	8	69	515245.62111	515245.53769	0.08342	0.10000	0.00000	515245.53769	0.08342	0.2500
3088:	78	8	70	77	9	69	515245.62111	515245.53768	0.08343	0.10000	0.00000	515245.53769	0.08342	0.2500
3089:	78	9	70	77	8	69	515245.62111	515245.53769	0.08341	0.10000	0.00000	515245.53769	0.08342	0.2500
3090:	78	9	70	77	9	69	515245.62111	515245.53768	0.08343	0.10000	0.00000	515245.53769	0.08342	0.2500

3140:	72	25	47	71	25	46	518842.24837	518842.32867	-0.08030	0.10000	0.00000	518842.32076	-0.07239	0.5000
3141:	72	25	48	71	25	47	518842.24837	518842.31284	-0.06447	0.10000	0.00000	518842.32076	-0.07239	0.5000
3142:	41	17	24	40	16	25	520019.13109	520019.10975	0.02134	0.10000	0.00000			
3143:	72	24	48	71	24	47	520037.00800	520037.17621	-0.16821	0.10000	0.00000	520037.08299	-0.07499	0.5000
3144:	72	24	49	71	24	48	520037.00800	520036.98977	0.01823	0.10000	0.00000	520037.08299	-0.07499	0.5000
3145:	71	20	51	70	20	50	520226.21973	520226.21688	0.00286	0.10000	0.00000			
3146:	77	11	67	76	11	66	520809.83503	520809.57582	0.25921	0.10000	0.00000	520809.57760	0.25743	0.2500
3147:	77	10	67	76	10	66	520809.83503	520809.57939	0.25564	0.10000	0.00000	520809.57760	0.25743	0.2500
3148:	77	11	67	76	10	66	520809.83503	520809.58383	0.25120	0.10000	0.00000	520809.57760	0.25743	0.2500
3149:	77	10	67	76	11	66	520809.83503	520809.57137	0.26366	0.10000	0.00000	520809.57760	0.25743	0.2500
3150:	39	18	22	38	17	21	520835.88902	520835.85651	0.03251	0.10000	0.00000	520835.85686	0.03216	0.5000
3151:	39	18	21	38	17	22	520835.88902	520835.85721	0.03181	0.10000	0.00000	520835.85686	0.03216	0.5000
3152:	78	10	69	77	10	68	520964.29598	520964.28734	0.00864	0.10000	0.00000	520964.28740	0.00858	0.2500
3153:	78	9	69	77	9	68	520964.29598	520964.28746	0.00852	0.10000	0.00000	520964.28740	0.00858	0.2500
3154:	78	10	69	77	9	68	520964.29598	520964.28759	0.00839	0.10000	0.00000	520964.28740	0.00858	0.2500
3155:	78	9	69	77	10	68	520964.29598	520964.28720	0.00878	0.10000	0.00000	520964.28740	0.00858	0.2500
3156:	71	15	56	70	15	55	521148.20255	521148.36628	-0.16372	0.10000	0.00000			
3157:	79	8	71	78	8	70	521200.26650	521200.19812	0.06837	0.10000	0.00000	521200.19812	0.06837	0.2500
3158:	79	8	71	78	9	70	521200.26650	521200.19812	0.06838	0.10000	0.00000	521200.19812	0.06837	0.2500
3159:	79	9	71	78	8	70	521200.26650	521200.19813	0.06837	0.10000	0.00000	521200.19812	0.06837	0.2500
3160:	79	9	71	78	9	70	521200.26650	521200.19812	0.06838	0.10000	0.00000	521200.19812	0.06837	0.2500
3161:	37	19	19	36	18	18	521267.90486	521267.98024	-0.07538	0.10000	0.00000	521267.98024	-0.07539	0.5000
3162:	37	19	18	36	18	19	521267.90486	521267.98025	-0.07539	0.10000	0.00000	521267.98024	-0.07539	0.5000
3163:	25	25	1	24	24	0	521315.91696	521315.92882	-0.01186	0.10000	0.00000	521315.92882	-0.01186	0.5000
3164:	25	25	0	24	24	1	521315.91696	521315.92882	-0.01186	0.10000	0.00000	521315.92882	-0.01186	0.5000
3165:	74	14	61	73	14	60	521348.13744	521348.05544	0.08200	0.10000	0.00000			
3166:	74	13	61	73	13	60	521376.76040	521376.71483	0.04557	0.10000	0.00000			
3167:	27	24	4	26	23	3	521406.56743	521406.61868	-0.05125	0.10000	0.00000	521406.61868	-0.05125	0.5000
3168:	27	24	3	26	23	4	521406.56743	521406.61868	-0.05125	0.10000	0.00000	521406.61868	-0.05125	0.5000
3169:	29	23	6	28	22	7	521485.02072	521484.99503	0.02569	0.10000	0.00000	521484.99503	0.02569	0.5000
3170:	29	23	7	28	22	6	521485.02072	521484.99503	0.02569	0.10000	0.00000	521484.99503	0.02569	0.5000
3171:	31	22	10	30	21	9	521538.38007	521538.35900	0.02107	0.10000	0.00000	521538.35900	0.02107	0.5000
3172:	31	22	9	30	21	10	521538.38007	521538.35900	0.02107	0.10000	0.00000	521538.35900	0.02107	0.5000
3173:	33	21	13	32	20	12	521545.92952	521545.96496	-0.03544	0.10000	0.00000	521545.96496	-0.03544	0.5000
3174:	33	21	12	32	20	13	521545.92952	521545.96496	-0.03544	0.10000	0.00000	521545.96496	-0.03544	0.5000
3175:	73	31	43	72	31	42	521557.69977	521557.69995	-0.00018	0.10000	0.00000	521557.69995	-0.00018	0.5000
3176:	73	31	42	72	31	41	521557.69977	521557.69995	-0.00018	0.10000	0.00000	521557.69995	-0.00018	0.5000
3177:	71	17	55	70	17	54	521777.91849	521777.88547	0.03302	0.10000	0.00000			
3178:	81	6	75	80	6	74	521824.24339	521824.23227	0.01112	0.10000	0.00000	521824.23227	0.01112	0.2500
3179:	81	6	75	80	7	74	521824.24339	521824.23227	0.01112	0.10000	0.00000	521824.23227	0.01112	0.2500
3180:	81	7	75	80	6	74	521824.24339	521824.23227	0.01112	0.10000	0.00000	521824.23227	0.01112	0.2500
3181:	81	7	75	80	7	74	521824.24339	521824.23227	0.01112	0.10000	0.00000	521824.23227	0.01112	0.2500
3182:	71	19	53	70	19	52	522075.14301	522075.16021	-0.01720	0.10000	0.00000			
3183:	73	30	44	72	30	43	522150.58751	522150.46688	0.12063	0.10000	0.00000	522150.46688	0.12063	0.5000
3184:	73	30	43	72	30	42	522150.58751	522150.46688	0.12063	0.10000	0.00000	522150.46688	0.12063	0.5000
3185:	73	15	59	72	15	58	522161.27790	522161.23397	0.04393	0.10000	0.00000			
3186:	82	5	77	81	5	76	522183.58800	522183.62635	-0.03835	0.10000	0.00000	522183.62635	-0.03835	0.2500
3187:	82	5	77	81	6	76	522183.58800	522183.62635	-0.03835	0.10000	0.00000	522183.62635	-0.03835	0.2500
3188:	82	6	77	81	5	76	522183.58800	522183.62635	-0.03835	0.10000	0.00000	522183.62635	-0.03835	0.2500

3189:	82	6	77	81	6	76	522183.58800	522183.62635	-0.03835	0.10000	0.00000	522183.62635	-0.03835	0.2500
3190:	73	14	59	72	14	58	522510.05649	522510.07272	-0.01623	0.10000	0.00000			
3191:	83	4	79	82	5	78	522561.93085	522562.10833	-0.17748	0.10000	0.00000	522562.10833	-0.17748	0.2500
3192:	83	5	79	82	4	78	522561.93085	522562.10833	-0.17748	0.10000	0.00000	522562.10833	-0.17748	0.2500
3193:	83	5	79	82	5	78	522561.93085	522562.10833	-0.17748	0.10000	0.00000	522562.10833	-0.17748	0.2500
3194:	83	4	79	82	4	78	522561.93085	522562.10833	-0.17748	0.10000	0.00000	522562.10833	-0.17748	0.2500
3195:	84	3	81	83	3	80	522953.38881	522953.39145	-0.00264	0.10000	0.00000	522953.39145	-0.00264	0.2500
3196:	84	3	81	83	4	80	522953.38881	522953.39145	-0.00264	0.10000	0.00000	522953.39145	-0.00264	0.2500
3197:	84	4	81	83	3	80	522953.38881	522953.39145	-0.00264	0.10000	0.00000	522953.39145	-0.00264	0.2500
3198:	84	4	81	83	4	80	522953.38881	522953.39145	-0.00264	0.10000	0.00000	522953.39145	-0.00264	0.2500
3199:	72	16	57	71	16	56	522997.95645	522997.91653	0.03992	0.10000	0.00000			
3200:	72	22	51	71	22	50	523145.83762	523145.67317	0.16446	0.10000	0.00000			
3201:	72	22	50	71	22	49	523163.24287	523163.34936	-0.10648	0.10000	0.00000			
3202:	85	2	83	84	3	82	523352.91617	523352.77451	0.14166	0.10000	0.00000	523352.87066	0.04551	0.2000
3203:	85	3	83	84	2	82	523352.91617	523352.77451	0.14166	0.10000	0.00000	523352.87066	0.04551	0.2000
3204:	85	3	83	84	3	82	523352.91617	523352.77451	0.14166	0.10000	0.00000	523352.87066	0.04551	0.2000
3205:	71	18	54	70	18	53	523352.91617	523353.25527	-0.33910	0.10000	0.00000	523352.87066	0.04551	0.2000
3206:	85	2	83	84	2	82	523352.91617	523352.77451	0.14166	0.10000	0.00000	523352.87066	0.04551	0.2000
3207:	69	16	53	68	16	52	523401.71487	523401.82035	-0.10548	0.10000	0.00000			
3208:	73	28	46	72	28	45	523543.56139	523543.59872	-0.03734	0.10000	0.00000	523543.59873	-0.03734	0.5000
3209:	73	28	45	72	28	44	523543.56139	523543.59873	-0.03735	0.10000	0.00000	523543.59873	-0.03734	0.5000
3210:	86	1	85	85	2	84	523756.78961	523756.69542	0.09420	0.10000	0.00000	523756.69542	0.09420	0.2500
3211:	86	2	85	85	1	84	523756.78961	523756.69542	0.09420	0.10000	0.00000	523756.69542	0.09420	0.2500
3212:	86	2	85	85	2	84	523756.78961	523756.69542	0.09420	0.10000	0.00000	523756.69542	0.09420	0.2500
3213:	86	1	85	85	1	84	523756.78961	523756.69542	0.09420	0.10000	0.00000	523756.69542	0.09420	0.2500
3214:	70	18	52	69	18	51	524014.17911	524014.20717	-0.02806	0.10000	0.00000			
3215:	87	0	87	86	0	86	524162.41067	524162.42628	-0.01561	0.10000	0.00000	524162.42628	-0.01561	0.2500
3216:	87	0	87	86	1	86	524162.41067	524162.42628	-0.01561	0.10000	0.00000	524162.42628	-0.01561	0.2500
3217:	87	1	87	86	0	86	524162.41067	524162.42628	-0.01561	0.10000	0.00000	524162.42628	-0.01561	0.2500
3218:	87	1	87	86	1	86	524162.41067	524162.42628	-0.01561	0.10000	0.00000	524162.42628	-0.01561	0.2500
3219:	73	27	46	72	27	45	524371.76964	524371.74428	0.02536	0.10000	0.00000	524371.74420	0.02544	0.5000
3220:	73	27	47	72	27	46	524371.76964	524371.74411	0.02553	0.10000	0.00000	524371.74420	0.02544	0.5000
3221:	44	16	29	43	15	28	525062.83310	525063.00957	-0.17647	0.10000	0.00000			
3222:	44	16	28	43	15	29	525075.17572	525075.03666	0.13906	0.10000	0.00000			
3223:	71	19	52	70	19	51	525114.00067	525113.98370	0.01697	0.10000	0.00000			
3224:	72	21	52	71	21	51	525217.14155	525217.05131	0.09024	0.10000	0.00000			
3225:	73	26	48	72	26	47	525313.27147	525313.17189	0.09958	0.10000	0.00000	525313.17309	0.09838	0.5000
3226:	73	26	47	72	26	46	525313.27147	525313.17429	0.09718	0.10000	0.00000	525313.17309	0.09838	0.5000
3227:	72	21	51	71	21	50	525354.95460	525354.84754	0.10707	0.10000	0.00000			
3228:	72	15	57	71	15	56	525937.52163	525937.37356	0.14807	0.10000	0.00000			
3229:	73	25	48	72	25	47	526395.31404	526395.28902	0.02501	0.10000	0.00000	526395.27372	0.04032	0.5000
3230:	73	25	49	72	25	48	526395.31404	526395.25841	0.05563	0.10000	0.00000	526395.27372	0.04032	0.5000
3231:	77	12	66	76	12	65	526692.22814	526692.24889	-0.02075	0.10000	0.00000	526692.27440	-0.04626	0.2500
3232:	77	11	66	76	11	65	526692.22814	526692.29990	-0.07176	0.10000	0.00000	526692.27440	-0.04626	0.2500
3233:	77	12	66	76	11	65	526692.22814	526692.36667	-0.13853	0.10000	0.00000	526692.27440	-0.04626	0.2500
3234:	77	10	66	76	12	65	526692.22814	526692.18212	0.04602	0.10000	0.00000	526692.27440	-0.04626	0.2500
3235:	78	10	68	77	11	67	526745.62904	526745.63169	-0.00265	0.10000	0.00000	526745.63514	-0.00610	0.2500
3236:	78	11	68	77	11	67	526745.62904	526745.63415	-0.00510	0.10000	0.00000	526745.63514	-0.00610	0.2500
3237:	78	10	68	77	10	67	526745.62904	526745.63614	-0.00709	0.10000	0.00000	526745.63514	-0.00610	0.2500

3238:	78	11	68	77	10	67	526745.62904	526745.63859	-0.00955	0.10000	0.00000	526745.63514	-0.00610	0.2500
3239:	79	9	70	78	9	69	526911.49391	526911.52113	-0.02721	0.10000	0.00000	526911.52110	-0.02718	0.2500
3240:	79	10	70	78	10	69	526911.49391	526911.52107	-0.02715	0.10000	0.00000	526911.52110	-0.02718	0.2500
3241:	79	10	70	78	9	69	526911.49391	526911.52120	-0.02729	0.10000	0.00000	526911.52110	-0.02718	0.2500
3242:	79	9	70	78	10	69	526911.49391	526911.52099	-0.02708	0.10000	0.00000	526911.52110	-0.02718	0.2500
3243:	80	8	72	79	8	71	527154.56678	527154.48771	0.07907	0.10000	0.00000	527154.48771	0.07907	0.3333
3244:	80	8	72	79	9	71	527154.56678	527154.48771	0.07907	0.10000	0.00000	527154.48771	0.07907	0.3333
3245:	80	9	72	79	9	71	527154.56678	527154.48771	0.07907	0.10000	0.00000	527154.48771	0.07907	0.3333
3246:	75	14	62	74	14	61	527186.58820	527186.51864	-0.16044	0.10000	0.00000			
3247:	75	13	62	74	13	61	527204.10559	527204.07997	0.02563	0.10000	0.00000			
3248:	81	7	74	80	8	73	527450.99334	527451.25665	-0.26330	0.10000	0.00000	527451.25665	-0.26331	0.3333
3249:	81	8	74	80	7	73	527450.99334	527451.25665	-0.26331	0.10000	0.00000	527451.25665	-0.26331	0.3333
3250:	81	7	74	80	7	73	527450.99334	527451.25665	-0.26331	0.10000	0.00000	527451.25665	-0.26331	0.3333
3251:	73	24	49	72	24	48	527656.21548	527656.41458	-0.19910	0.10000	0.00000	527656.24108	-0.02560	0.5000
3252:	73	24	50	72	24	49	527656.21548	527656.06757	0.14791	0.10000	0.00000	527656.24108	-0.02560	0.5000
3253:	72	20	53	71	20	52	527658.68154	527658.68205	-0.00051	0.10000	0.00000			
3254:	40	18	22	39	17	23	527708.19781	527708.20235	-0.00454	0.10000	0.00000	527708.20147	-0.00365	0.5000
3255:	40	18	23	39	17	22	527708.19781	527708.20058	-0.00277	0.10000	0.00000	527708.20147	-0.00365	0.5000
3256:	82	6	76	81	7	75	527785.91934	527785.88204	0.03730	0.10000	0.00000	527785.88204	0.03730	0.2500
3257:	82	7	76	81	6	75	527785.91934	527785.88204	0.03730	0.10000	0.00000	527785.88204	0.03730	0.2500
3258:	82	7	76	81	7	75	527785.91934	527785.88204	0.03730	0.10000	0.00000	527785.88204	0.03730	0.2500
3259:	82	6	76	81	6	75	527785.91934	527785.88204	0.03730	0.10000	0.00000	527785.88204	0.03730	0.2500
3260:	74	15	60	73	15	59	527943.93691	527943.85378	0.08313	0.10000	0.00000			
3261:	83	5	78	82	5	77	528147.08211	528147.08760	-0.00548	0.10000	0.00000	528147.08760	-0.00548	0.2500
3262:	83	5	78	82	6	77	528147.08211	528147.08760	-0.00548	0.10000	0.00000	528147.08760	-0.00548	0.2500
3263:	83	6	78	82	5	77	528147.08211	528147.08760	-0.00548	0.10000	0.00000	528147.08760	-0.00548	0.2500
3264:	83	6	78	82	6	77	528147.08211	528147.08760	-0.00548	0.10000	0.00000	528147.08760	-0.00548	0.2500
3265:	38	19	20	37	18	19	528214.58668	528214.54276	0.04392	0.10000	0.00000	528214.54276	0.04392	0.5000
3266:	38	19	19	37	18	20	528214.58668	528214.54277	0.04391	0.10000	0.00000	528214.54276	0.04392	0.5000
3267:	26	25	2	25	24	1	528376.30229	528376.25949	0.04280	0.10000	0.00000	528376.25949	0.04280	0.5000
3268:	26	25	1	25	24	2	528376.30229	528376.25949	0.04280	0.10000	0.00000	528376.25949	0.04280	0.5000
3269:	28	24	5	27	23	4	528463.99407	528464.18083	-0.18676	0.10000	0.00000	528464.18083	-0.18676	0.5000
3270:	28	24	4	27	23	5	528463.99407	528464.18083	-0.18676	0.10000	0.00000	528464.18083	-0.18676	0.5000
3271:	36	20	17	35	19	16	528467.45680	528467.39624	0.06056	0.10000	0.00000	528467.39624	0.06056	0.5000
3272:	36	20	16	35	19	17	528467.45680	528467.39624	0.06056	0.10000	0.00000	528467.39624	0.06056	0.5000
3273:	84	4	80	83	4	79	528526.69923	528526.69950	-0.00027	0.10000	0.00000	528526.69950	-0.00027	0.2500
3274:	84	4	80	83	5	79	528526.69923	528526.69950	-0.00027	0.10000	0.00000	528526.69950	-0.00027	0.2500
3275:	84	5	80	83	4	79	528526.69923	528526.69950	-0.00027	0.10000	0.00000	528526.69950	-0.00027	0.2500
3276:	84	5	80	83	5	79	528526.69923	528526.69950	-0.00027	0.10000	0.00000	528526.69950	-0.00027	0.2500
3277:	30	23	8	29	22	7	528536.63322	528536.60598	0.02725	0.10000	0.00000	528536.60598	0.02725	0.5000
3278:	30	23	7	29	22	8	528536.63322	528536.60598	0.02725	0.10000	0.00000	528536.60598	0.02725	0.5000
3279:	34	21	14	33	20	13	528568.52793	528568.58517	-0.05725	0.10000	0.00000	528568.58517	-0.05725	0.5000
3280:	34	21	13	33	20	14	528568.52793	528568.58517	-0.05725	0.10000	0.00000	528568.58517	-0.05725	0.5000
3281:	32	22	10	31	21	11	528579.13693	528579.15773	-0.02080	0.10000	0.00000	528579.15773	-0.02080	0.5000
3282:	32	22	11	31	21	10	528579.13693	528579.15773	-0.02080	0.10000	0.00000	528579.15773	-0.02080	0.5000
3283:	73	16	58	72	16	57	528888.04997	528888.14761	-0.09764	0.10000	0.00000			
3284:	74	31	44	73	31	43	528895.42303	528895.23942	0.18362	0.10000	0.00000	528895.23942	0.18362	0.5000
3285:	74	31	43	73	31	42	528895.42303	528895.23942	0.18362	0.10000	0.00000	528895.23942	0.18362	0.5000
3286:	85	3	82	84	4	81	528918.47489	528918.67549	-0.20060	0.10000	0.00000	528918.67549	-0.20060	0.2500

3287:	85	4	82	84	3	81	528918.47489	528918.67549	0.00000	0.10000	0.00000	528918.67549	-0.20060	0.2500
3288:	85	4	82	84	4	81	528918.47489	528918.67549	0.00000	0.10000	0.00000	528918.67549	-0.20060	0.2500
3289:	85	3	82	84	3	81	528918.47489	528918.67549	0.00000	0.10000	0.00000	528918.67549	-0.20060	0.2500
3290:	73	23	51	72	23	50	529150.63643	529150.27320	0.36322	0.10000	0.00000			
3291:	73	23	50	72	23	49	529153.7497	529153.74694	0.04802	0.10000	0.00000			
3292:	86	2	84	85	3	83	529318.43110	529318.47805	-0.04695	0.10000	0.00000	529318.47805	-0.04695	0.2500
3293:	86	3	84	85	2	83	529318.43110	529318.47805	-0.04695	0.10000	0.00000	529318.47805	-0.04695	0.2500
3294:	86	3	84	85	3	83	529318.43110	529318.47805	-0.04695	0.10000	0.00000	529318.47805	-0.04695	0.2500
3295:	86	2	84	85	2	83	529318.43110	529318.47805	-0.04695	0.10000	0.00000	529318.47805	-0.04695	0.2500
3296:	87	1	86	86	2	85	529722.61146	529722.65591	-0.04446	0.10000	0.00000	529722.65591	-0.04446	0.2500
3297:	87	2	86	86	1	85	529722.61146	529722.65591	-0.04446	0.10000	0.00000	529722.65591	-0.04446	0.2500
3298:	87	2	86	86	2	85	529722.61146	529722.65591	-0.04446	0.10000	0.00000	529722.65591	-0.04446	0.2500
3299:	87	1	86	86	1	85	529722.61146	529722.65591	-0.04446	0.10000	0.00000	529722.65591	-0.04446	0.2500
3300:	72	19	54	71	19	53	529979.52325	529979.45756	0.06568	0.10000	0.00000			
3301:	88	0	88	87	1	87	530128.56595	530128.55665	0.00930	0.10000	0.00000	530128.55665	0.00930	0.2500
3302:	88	1	88	87	0	87	530128.56595	530128.55665	0.00930	0.10000	0.00000	530128.55665	0.00930	0.2500
3303:	88	1	88	87	1	87	530128.56595	530128.55665	0.00930	0.10000	0.00000	530128.55665	0.00930	0.2500
3304:	88	0	88	87	0	87	530128.56595	530128.55665	0.00930	0.10000	0.00000	530128.55665	0.00930	0.2500
3305:	74	29	46	73	29	45	530202.01905	530202.12645	-0.10740	0.10000	0.00000	530202.12645	-0.10740	0.5000
3306:	74	29	45	73	29	44	530202.01905	530202.12645	-0.10740	0.10000	0.00000	530202.12645	-0.10740	0.5000
3307:	72	18	55	71	18	54	530725.54174	530725.58711	-0.04538	0.10000	0.00000			
3308:	73	15	58	72	15	57	530936.97901	530936.96574	0.01327	0.10000	0.00000			
3309:	73	22	52	72	22	51	530955.31844	530955.25427	0.06417	0.10000	0.00000			
3310:	73	22	51	72	22	50	530985.32122	530985.53619	-0.21496	0.10000	0.00000			
3311:	70	17	53	69	17	52	532152.08940	532151.81406	0.27534	0.10000	0.00000			
3312:	78	12	67	77	11	66	532612.23337	532612.24634	-0.01297	0.10000	0.00000	532612.22748	0.00589	0.5000
3313:	78	11	67	77	11	66	532612.23337	532612.20862	0.02475	0.10000	0.00000	532612.22748	0.00589	0.5000
3314:	79	11	69	78	11	68	532682.31721	532682.35917	-0.04196	0.10000	0.00000	532682.35972	-0.04251	0.2500
3315:	79	10	69	78	10	68	532682.31721	532682.36028	-0.04306	0.10000	0.00000	532682.35972	-0.04251	0.2500
3316:	79	11	69	78	10	68	532682.31721	532682.36163	-0.04441	0.10000	0.00000	532682.35972	-0.04251	0.2500
3317:	79	10	69	78	11	68	532682.31721	532682.35782	-0.04061	0.10000	0.00000	532682.35972	-0.04251	0.2500
3318:	74	26	49	73	26	48	532828.35020	532828.36008	-0.00988	0.10000	0.00000	532828.36247	-0.01227	0.5000
3319:	74	26	48	73	26	47	532828.35020	532828.36486	-0.01466	0.10000	0.00000	532828.36247	-0.01227	0.5000
3320:	80	9	71	79	9	70	532858.69726	532858.72863	-0.03137	0.10000	0.00000	532858.72862	-0.03135	0.2500
3321:	80	10	71	79	9	70	532858.69726	532858.72867	-0.03141	0.10000	0.00000	532858.72862	-0.03135	0.2500
3322:	80	10	71	79	10	70	532858.69726	532858.72860	-0.03134	0.10000	0.00000	532858.72862	-0.03135	0.2500
3323:	80	9	71	79	10	70	532858.69726	532858.72856	-0.03130	0.10000	0.00000	532858.72862	-0.03135	0.2500
3324:	76	14	63	75	14	62	533032.75576	533032.75341	0.00234	0.10000	0.00000			
3325:	76	13	63	75	13	62	533043.30460	533043.44280	-0.13821	0.10000	0.00000			
3326:	81	8	73	80	8	72	533108.33850	533108.36016	-0.02166	0.10000	0.00000	533108.36016	-0.02166	0.2500
3327:	81	8	73	80	9	72	533108.33850	533108.36016	-0.02166	0.10000	0.00000	533108.36016	-0.02166	0.2500
3328:	81	9	73	80	8	72	533108.33850	533108.36016	-0.02166	0.10000	0.00000	533108.36016	-0.02166	0.2500
3329:	81	9	73	80	9	72	533108.33850	533108.36016	-0.02166	0.10000	0.00000	533108.36016	-0.02166	0.2500
3330:	73	21	53	72	21	52	533152.70972	533152.59857	0.11115	0.10000	0.00000			
3331:	82	7	75	81	8	74	533409.36174	533409.40086	-0.03912	0.10000	0.00000	533409.40086	-0.03912	0.2500
3332:	82	8	75	81	7	74	533409.36174	533409.40086	-0.03912	0.10000	0.00000	533409.40086	-0.03912	0.2500
3333:	82	8	75	81	8	74	533409.36174	533409.40086	-0.03912	0.10000	0.00000	533409.40086	-0.03912	0.2500
3334:	82	7	75	81	7	74	533409.36174	533409.40086	-0.03912	0.10000	0.00000	533409.40086	-0.03912	0.2500
3335:	83	6	77	82	6	76	533746.74250	533746.76275	-0.02025	0.10000	0.00000	533746.76275	-0.02025	0.2500

3336:	83	6	77	82	7	76	533746.74250	533746.76275	-0.02025	0.10000	0.00000	533746.76275	-0.02025	0.2500
3337:	83	7	77	82	6	76	533746.74250	533746.76275	-0.02025	0.10000	0.00000	533746.76275	-0.02025	0.2500
3338:	83	7	77	82	7	76	533746.74250	533746.76275	-0.02025	0.10000	0.00000	533746.76275	-0.02025	0.2500
3339:	71	18	53	70	18	52	533945.33725	533945.30620	0.03105	0.10000	0.00000			
3340:	23	20	4	23	18	5	533960.54065	533960.37748	0.16317	0.10000	0.00000	533960.37748	0.16317	0.5000
3341:	23	20	3	23	18	6	533960.54065	533960.37748	0.16317	0.10000	0.00000	533960.37748	0.16317	0.5000
3342:	84	5	79	83	6	78	534109.83929	534109.70800	0.13128	0.10000	0.00000	534109.70800	0.13128	0.2500
3343:	84	6	79	83	5	78	534109.83929	534109.70800	0.13128	0.10000	0.00000	534109.70800	0.13128	0.2500
3344:	84	6	79	83	6	78	534109.83929	534109.70800	0.13128	0.10000	0.00000	534109.70800	0.13128	0.2500
3345:	84	5	79	83	5	78	534109.83929	534109.70800	0.13128	0.10000	0.00000	534109.70800	0.13128	0.2500
3346:	72	19	53	71	19	52	534352.30656	534352.36965	-0.06309	0.10000	0.00000			
3347:	85	4	81	84	4	80	534490.30922	534490.41129	-0.10207	0.10000	0.00000	534490.41129	-0.10207	0.2500
3348:	85	4	81	84	5	80	534490.30922	534490.41129	-0.10207	0.10000	0.00000	534490.41129	-0.10207	0.2500
3349:	85	5	81	84	4	80	534490.30922	534490.41129	-0.10207	0.10000	0.00000	534490.41129	-0.10207	0.2500
3350:	85	5	81	84	5	80	534490.30922	534490.41129	-0.10207	0.10000	0.00000	534490.41129	-0.10207	0.2500
3351:	41	18	23	40	17	24	534556.98690	534557.03423	-0.04733	0.10000	0.00000	534557.03208	-0.04518	0.5000
3352:	41	18	24	40	17	23	534556.98690	534557.02993	-0.04303	0.10000	0.00000	534557.03208	-0.04518	0.5000
3353:	75	34	42	74	34	41	534637.15699	534637.26361	-0.10663	0.10000	0.00000	534637.26361	-0.10663	0.5000
3354:	75	34	41	74	34	40	534637.15699	534637.26361	-0.10663	0.10000	0.00000	534637.26361	-0.10663	0.5000
3355:	73	17	57	72	17	56	534707.56216	534707.32904	0.23312	0.10000	0.00000			
3356:	86	3	83	85	3	82	534883.02128	534883.06110	-0.03982	0.10000	0.00000	534883.06110	-0.03982	0.2500
3357:	86	3	83	85	4	82	534883.02128	534883.06110	-0.03982	0.10000	0.00000	534883.06110	-0.03982	0.2500
3358:	86	4	83	85	3	82	534883.02128	534883.06110	-0.03982	0.10000	0.00000	534883.06110	-0.03982	0.2500
3359:	86	4	83	85	4	82	534883.02128	534883.06110	-0.03982	0.10000	0.00000	534883.06110	-0.03982	0.2500
3360:	39	19	21	38	18	20	535145.14290	535145.31056	-0.16766	0.10000	0.00000	535145.31057	-0.16767	0.5000
3361:	39	19	20	38	18	21	535145.14290	535145.31058	-0.16769	0.10000	0.00000	535145.31057	-0.16767	0.5000
3362:	87	2	85	86	3	84	535283.28832	535283.27525	0.01307	0.10000	0.00000	535283.27525	0.01307	0.2500
3363:	87	3	85	86	2	84	535283.28832	535283.27525	0.01307	0.10000	0.00000	535283.27525	0.01307	0.2500
3364:	87	3	85	86	3	84	535283.28832	535283.27525	0.01307	0.10000	0.00000	535283.27525	0.01307	0.2500
3365:	87	2	85	86	2	84	535283.28832	535283.27525	0.01307	0.10000	0.00000	535283.27525	0.01307	0.2500
3366:	74	24	51	73	24	50	535298.67946	535298.33580	0.34366	0.10000	0.00000	535298.65474	0.02472	0.5000
3367:	74	24	50	73	24	49	535298.67946	535298.97367	-0.29421	0.10000	0.00000	535298.65474	0.02472	0.5000
3368:	27	25	3	26	24	2	535435.34265	535435.40064	-0.05799	0.10000	0.00000	535435.40064	-0.05799	0.5000
3369:	27	25	2	26	24	3	535435.34265	535435.40064	-0.05799	0.10000	0.00000	535435.40064	-0.05799	0.5000
3370:	37	20	18	36	19	17	535449.87958	535449.87998	-0.00039	0.10000	0.00000	535449.87998	-0.00039	0.5000
3371:	37	20	17	36	19	18	535449.87958	535449.87998	-0.00039	0.10000	0.00000	535449.87998	-0.00039	0.5000
3372:	29	24	6	28	23	5	535519.67877	535519.71125	-0.03248	0.10000	0.00000	535519.71125	-0.03248	0.5000
3373:	29	24	5	28	23	6	535519.67877	535519.71125	-0.03248	0.10000	0.00000	535519.71125	-0.03248	0.5000
3374:	33	22	11	32	21	12	535615.32532	535615.03104	0.29428	0.10000	0.00000	535615.03104	0.29428	0.5000
3375:	33	22	12	32	21	11	535615.32532	535615.03104	0.29428	0.10000	0.00000	535615.03104	0.29428	0.5000
3376:	73	20	54	72	20	53	535670.97315	535670.88740	0.08575	0.10000	0.00000			
3377:	88	1	87	87	1	86	535687.76433	535687.70811	0.05622	0.10000	0.00000	535687.70811	0.05622	0.2500
3378:	88	1	87	87	2	86	535687.76433	535687.70811	0.05622	0.10000	0.00000	535687.70811	0.05622	0.2500
3379:	88	2	87	87	1	86	535687.76433	535687.70811	0.05622	0.10000	0.00000	535687.70811	0.05622	0.2500
3380:	88	2	87	87	2	86	535687.76433	535687.70811	0.05622	0.10000	0.00000	535687.70811	0.05622	0.2500
3381:	89	0	89	88	1	88	536093.82925	536093.77952	0.04974	0.10000	0.00000	536093.77952	0.04974	0.2500
3382:	89	1	89	88	0	88	536093.82925	536093.77952	0.04974	0.10000	0.00000	536093.77952	0.04974	0.2500
3383:	89	1	89	88	1	88	536093.82925	536093.77952	0.04974	0.10000	0.00000	536093.77952	0.04974	0.2500
3384:	89	0	89	88	0	88	536093.82925	536093.77952	0.04974	0.10000	0.00000	536093.77952	0.04974	0.2500

3385:	74	15	59	73	15	58	536122.62055	536122.44111	0.17944	0.10000	0.00000	536241.57521	-0.08368	0.5000
3386:	75	31	45	74	31	44	536241.49153	536241.57521	-0.08368	0.10000	0.00000	536241.57521	-0.08368	0.5000
3387:	75	31	44	74	31	43	536241.49153	536241.57521	-0.08368	0.10000	0.00000	536241.57521	-0.08368	0.5000
3388:	73	19	55	72	19	54	537804.31000	537804.39197	-0.08198	0.10000	0.00000			
3389:	72	16	56	71	16	55	538484.56845	538484.54171	0.02674	0.10000	0.00000			
3390:	79	12	68	78	12	67	538533.87221	538533.78991	0.08230	0.10000	0.00000	538533.79815	0.07405	0.2500
3391:	79	11	68	78	11	67	538533.87221	538533.80639	0.06581	0.10000	0.00000	538533.79815	0.07405	0.2500
3392:	79	12	68	78	12	67	538533.87221	538533.82762	0.04458	0.10000	0.00000	538533.79815	0.07405	0.2500
3393:	79	11	68	78	11	67	538533.87221	538533.76868	0.10353	0.10000	0.00000	538533.79815	0.07405	0.2500
3394:	80	10	70	79	10	69	538619.66877	538619.61764	0.05113	0.10000	0.00000	538619.61869	0.05008	0.2500
3395:	80	11	70	79	11	69	538619.66877	538619.61838	0.05039	0.10000	0.00000	538619.61869	0.05008	0.2500
3396:	80	10	70	79	10	69	538619.66877	538619.61899	0.04978	0.10000	0.00000	538619.61869	0.05008	0.2500
3397:	80	11	70	79	10	69	538619.66877	538619.61974	0.04903	0.10000	0.00000	538619.61869	0.05008	0.2500
3398:	74	22	53	73	22	52	538800.41793	538800.41579	0.00213	0.10000	0.00000			
3399:	81	9	72	80	10	71	538806.02879	538805.83645	0.19234	0.10000	0.00000	538805.83648	0.19231	0.2500
3400:	81	10	72	80	9	71	538806.02879	538805.83651	0.19228	0.10000	0.00000	538805.83648	0.19231	0.2500
3401:	81	10	72	80	10	71	538806.02879	538805.83647	0.19232	0.10000	0.00000	538805.83648	0.19231	0.2500
3402:	81	9	72	80	9	71	538806.02879	538805.83649	0.19230	0.10000	0.00000	538805.83648	0.19231	0.2500
3403:	77	14	64	76	14	63	538886.23619	538886.25083	-0.01463	0.10000	0.00000			
3404:	77	13	64	76	13	63	538892.76107	538892.71667	0.04441	0.10000	0.00000			
3405:	50	39	11	50	38	12	539366.85967	539366.36993	0.48973	0.10000	0.00000	539366.70769	0.15198	0.1667
3406:	50	39	12	50	38	13	539366.85967	539366.36993	0.48973	0.10000	0.00000	539366.70769	0.15198	0.1667
3407:	83	7	76	82	7	75	539366.85967	539366.87657	-0.01690	0.10000	0.00000	539366.70769	0.15198	0.1667
3408:	83	7	76	82	8	75	539366.85967	539366.87657	-0.01690	0.10000	0.00000	539366.70769	0.15198	0.1667
3409:	83	8	76	82	7	75	539366.85967	539366.87657	-0.01690	0.10000	0.00000	539366.70769	0.15198	0.1667
3410:	83	8	76	82	8	75	539366.85967	539366.87657	-0.01690	0.10000	0.00000	539366.70769	0.15198	0.1667
3411:	76	15	62	75	15	61	539521.66574	539521.92523	-0.25949	0.10000	0.00000			
3412:	76	14	62	75	14	61	539612.30452	539612.30506	-0.00054	0.10000	0.00000			
3413:	84	6	78	83	6	77	539706.83293	539706.85539	-0.02246	0.10000	0.00000	539706.85539	-0.02246	0.2500
3414:	84	6	78	83	7	77	539706.83293	539706.85539	-0.02246	0.10000	0.00000	539706.85539	-0.02246	0.2500
3415:	84	7	78	83	6	77	539706.83293	539706.85539	-0.02246	0.10000	0.00000	539706.85539	-0.02246	0.2500
3416:	84	7	78	83	7	77	539706.83293	539706.85539	-0.02246	0.10000	0.00000	539706.85539	-0.02246	0.2500
3417:	85	5	80	84	6	79	540071.43030	540071.47302	-0.04272	0.10000	0.00000	540071.47302	-0.04272	0.2500
3418:	85	6	80	84	5	79	540071.43030	540071.47302	-0.04272	0.10000	0.00000	540071.47302	-0.04272	0.2500
3419:	85	6	80	84	6	79	540071.43030	540071.47302	-0.04272	0.10000	0.00000	540071.47302	-0.04272	0.2500
3420:	85	5	80	84	5	79	540071.43030	540071.47302	-0.04272	0.10000	0.00000	540071.47302	-0.04272	0.2500
3421:	71	17	54	70	17	53	540298.61305	540298.79693	-0.18388	0.10000	0.00000			
3422:	75	26	50	74	26	49	540360.18568	540360.30857	-0.12289	0.10000	0.00000	540360.31324	-0.12756	0.5000
3423:	75	26	49	74	26	48	540360.18568	540360.31791	-0.13223	0.10000	0.00000	540360.31324	-0.12756	0.5000
3424:	86	4	82	85	5	81	540453.21314	540453.23145	-0.01832	0.10000	0.00000	540453.23145	-0.01832	0.2500
3425:	86	5	82	85	4	81	540453.21314	540453.23145	-0.01832	0.10000	0.00000	540453.23145	-0.01832	0.2500
3426:	86	5	82	85	5	81	540453.21314	540453.23145	-0.01832	0.10000	0.00000	540453.23145	-0.01832	0.2500
3427:	86	4	82	85	4	81	540453.21314	540453.23145	-0.01832	0.10000	0.00000	540453.23145	-0.01832	0.2500
3428:	75	16	60	74	16	59	540517.76747	540517.89128	-0.12381	0.10000	0.00000			
3429:	74	21	54	73	21	53	541122.93459	541122.97060	-0.03601	0.10000	0.00000			
3430:	88	2	86	87	2	85	541247.08623	541247.15550	-0.06927	0.10000	0.00000	541247.15550	-0.06927	0.2500
3431:	88	2	86	87	3	85	541247.08623	541247.15550	-0.06927	0.10000	0.00000	541247.15550	-0.06927	0.2500
3432:	88	3	86	87	2	85	541247.08623	541247.15550	-0.06927	0.10000	0.00000	541247.15550	-0.06927	0.2500
3433:	88	3	86	87	3	85	541247.08623	541247.15550	-0.06927	0.10000	0.00000	541247.15550	-0.06927	0.2500

3434:	74	21	53	73	21	52	541484.66109	541484.77372	-0.11263	0.10000	0.00000	541651.84161	0.04231	0.2500
3435:	89	1	88	88	2	87	541651.88392	541651.84161	0.04231	0.10000	0.00000	541651.84161	0.04231	0.2500
3436:	89	2	88	88	1	87	541651.88392	541651.84161	0.04231	0.10000	0.00000	541651.84161	0.04231	0.2500
3437:	89	2	88	88	2	87	541651.88392	541651.84161	0.04231	0.10000	0.00000	541651.84161	0.04231	0.2500
3438:	89	1	88	88	1	87	541651.88392	541651.84161	0.04231	0.10000	0.00000	541651.84161	0.04231	0.2500
3439:	26	26	1	25	25	0	542401.67692	542401.68972	-0.01279	0.10000	0.00000	542401.68972	-0.01279	0.5000
3440:	26	26	0	25	25	1	542401.67692	542401.68972	-0.01279	0.10000	0.00000	542401.68972	-0.01279	0.5000
3441:	38	20	19	37	19	18	542420.63003	542420.63184	-0.00180	0.10000	0.00000			
3442:	76	33	43	75	33	42	542431.75865	542432.14140	-0.38275	0.10000	0.00000	542432.14140	-0.38275	0.5000
3443:	76	33	44	75	33	43	542431.75865	542432.14140	-0.38275	0.10000	0.00000	542432.14140	-0.38275	0.5000
3444:	28	25	4	27	24	3	542493.10474	542493.10877	-0.00403	0.10000	0.00000	542493.10877	-0.00403	0.5000
3445:	28	25	3	27	24	4	542493.10474	542493.10877	-0.00403	0.10000	0.00000	542493.10877	-0.00403	0.5000
3446:	30	24	7	29	23	6	542572.77663	542572.88991	-0.11328	0.10000	0.00000	542572.88991	-0.11328	0.5000
3447:	30	24	6	29	23	7	542572.77663	542572.88991	-0.11328	0.10000	0.00000	542572.88991	-0.11328	0.5000
3448:	36	21	16	35	20	15	542591.08895	542591.13328	-0.04433	0.10000	0.00000	542591.13328	-0.04433	0.5000
3449:	36	21	15	35	20	16	542591.08895	542591.13328	-0.04433	0.10000	0.00000	542591.13328	-0.04433	0.5000
3450:	32	23	9	31	22	10	542629.70501	542629.71663	-0.01162	0.10000	0.00000	542629.71663	-0.01162	0.5000
3451:	32	23	10	31	22	9	542629.70501	542629.71663	-0.01162	0.10000	0.00000	542629.71663	-0.01162	0.5000
3452:	34	22	13	33	21	12	542645.41769	542645.43190	-0.01421	0.10000	0.00000	542645.43190	-0.01421	0.5000
3453:	34	22	12	33	21	13	542645.41769	542645.43190	-0.01421	0.10000	0.00000	542645.43190	-0.01421	0.5000
3454:	80	11	69	79	11	68	544456.81561	544456.86239	-0.04678	0.10000	0.00000	544456.86325	-0.04764	0.3333
3455:	80	12	69	79	11	68	544456.81561	544456.87430	-0.05869	0.10000	0.00000	544456.86325	-0.04764	0.3333
3456:	80	12	69	79	12	68	544456.81561	544456.85307	-0.03746	0.10000	0.00000	544456.86325	-0.04764	0.3333
3457:	81	10	71	80	11	70	544557.23316	544557.29067	-0.05751	0.10000	0.00000	544557.29125	-0.05809	0.2500
3458:	81	11	71	80	11	70	544557.23316	544557.29108	-0.05792	0.10000	0.00000	544557.29125	-0.05809	0.2500
3459:	81	10	71	80	10	70	544557.23316	544557.29141	-0.05826	0.10000	0.00000	544557.29125	-0.05809	0.2500
3460:	81	11	71	80	10	70	544557.23316	544557.29182	-0.05866	0.10000	0.00000	544557.29125	-0.05809	0.2500
3461:	78	14	65	77	14	64	544746.40423	544746.41844	-0.01421	0.10000	0.00000			
3462:	78	13	65	77	13	64	544750.22547	544750.30644	-0.08098	0.10000	0.00000			
3463:	82	9	73	81	9	72	544752.81438	544752.77680	0.03759	0.10000	0.00000	544752.77679	0.03759	0.2500
3464:	82	10	73	81	9	72	544752.81438	544752.77681	0.03758	0.10000	0.00000	544752.77679	0.03759	0.2500
3465:	82	10	73	81	10	72	544752.81438	544752.77679	0.03760	0.10000	0.00000	544752.77679	0.03759	0.2500
3466:	82	9	73	81	10	72	544752.81438	544752.77677	0.03761	0.10000	0.00000	544752.77679	0.03759	0.2500
3467:	83	8	75	82	8	74	545014.66631	545014.68306	-0.01674	0.10000	0.00000	545014.68306	-0.01674	0.2500
3468:	83	8	75	82	9	74	545014.66631	545014.68306	-0.01674	0.10000	0.00000	545014.68306	-0.01674	0.2500
3469:	83	9	75	82	8	74	545014.66631	545014.68306	-0.01675	0.10000	0.00000	545014.68306	-0.01674	0.2500
3470:	83	9	75	82	9	74	545014.66631	545014.68306	-0.01674	0.10000	0.00000	545014.68306	-0.01674	0.2500
3471:	85	6	79	84	7	78	545666.08087	545666.14155	-0.06068	0.10000	0.00000	545666.14155	-0.06068	0.2500
3472:	85	7	79	84	6	78	545666.08087	545666.14155	-0.06068	0.10000	0.00000	545666.14155	-0.06068	0.2500
3473:	85	7	79	84	7	78	545666.08087	545666.14155	-0.06068	0.10000	0.00000	545666.14155	-0.06068	0.2500
3474:	85	6	79	84	6	78	545666.08087	545666.14155	-0.06068	0.10000	0.00000	545666.14155	-0.06068	0.2500
3475:	76	28	48	75	28	47	545865.73993	545865.78640	-0.04647	0.10000	0.00000	545865.78635	-0.04642	0.5000
3476:	76	28	49	75	28	48	545865.73993	545865.78630	-0.04637	0.10000	0.00000	545865.78635	-0.04642	0.5000
3477:	86	5	81	85	5	80	546032.32552	546032.36838	-0.04286	0.10000	0.00000	546032.36838	-0.04286	0.2500
3478:	86	5	81	85	6	80	546032.32552	546032.36838	-0.04286	0.10000	0.00000	546032.36838	-0.04286	0.2500
3479:	86	6	81	85	5	80	546032.32552	546032.36838	-0.04286	0.10000	0.00000	546032.36838	-0.04286	0.2500
3480:	86	6	81	85	6	80	546032.32552	546032.36838	-0.04286	0.10000	0.00000	546032.36838	-0.04286	0.2500
3481:	87	4	83	86	5	82	546415.12140	546415.14786	-0.02646	0.10000	0.00000	546415.14786	-0.02646	0.2500
3482:	87	5	83	86	4	82	546415.12140	546415.14786	-0.02646	0.10000	0.00000	546415.14786	-0.02646	0.2500

3483:	87	5	83	86	5	82	546415.12140	546415.14786	-0.02646	0.10000	0.00000	546415.14786	-0.02646	0.2500
3484:	87	4	83	86	4	82	546415.12140	546415.14786	-0.02646	0.10000	0.00000	546415.14786	-0.02646	0.2500
3485:	88	3	85	87	3	84	546808.87823	546809.09265	-0.21443	0.10000	0.00000	546809.09265	-0.21443	0.2500
3486:	88	3	85	87	4	84	546808.87823	546809.09265	-0.21443	0.10000	0.00000	546809.09265	-0.21443	0.2500
3487:	88	4	85	87	3	84	546808.87823	546809.09265	-0.21443	0.10000	0.00000	546809.09265	-0.21443	0.2500
3488:	88	4	85	87	4	84	546808.87823	546809.09265	-0.21443	0.10000	0.00000	546809.09265	-0.21443	0.2500
3489:	76	27	49	75	27	48	546819.26112	546819.41444	-0.15332	0.10000	0.00000	546819.41373	-0.15261	0.5000
3490:	76	27	50	75	27	49	546819.26112	546819.41302	-0.15190	0.10000	0.00000	546819.41373	-0.15261	0.5000
3491:	76	15	61	75	15	60	546916.35322	546916.27449	0.07873	0.10000	0.00000			
3492:	89	2	87	88	3	86	547210.11283	547210.10822	0.00461	0.10000	0.00000	547210.10822	0.00461	0.2500
3493:	89	3	87	88	2	86	547210.11283	547210.10822	0.00461	0.10000	0.00000	547210.10822	0.00461	0.2500
3494:	89	3	87	88	3	86	547210.11283	547210.10822	0.00461	0.10000	0.00000	547210.10822	0.00461	0.2500
3495:	89	2	87	88	2	86	547210.11283	547210.10822	0.00461	0.10000	0.00000	547210.10822	0.00461	0.2500
3496:	90	1	89	89	1	88	547615.13742	547615.04598	0.09144	0.10000	0.00000	547615.04598	0.09144	0.2500
3497:	90	1	89	89	2	88	547615.13742	547615.04598	0.09144	0.10000	0.00000	547615.04598	0.09144	0.2500
3498:	90	2	89	89	1	88	547615.13742	547615.04598	0.09144	0.10000	0.00000	547615.04598	0.09144	0.2500
3499:	90	2	89	89	2	88	547615.13742	547615.04598	0.09144	0.10000	0.00000	547615.04598	0.09144	0.2500
3500:	76	26	50	75	26	49	547909.68757	547909.74687	-0.05930	0.10000	0.00000	547909.73784	-0.05027	0.5000
3501:	76	26	51	75	26	50	547909.68757	547909.72882	-0.04125	0.10000	0.00000	547909.73784	-0.05027	0.5000
3502:	91	0	91	90	1	90	548021.53781	548021.46138	0.07643	0.10000	0.00000	548021.46138	0.07643	0.2500
3503:	91	1	91	90	0	90	548021.53781	548021.46138	0.07643	0.10000	0.00000	548021.46138	0.07643	0.2500
3504:	91	1	91	90	1	90	548021.53781	548021.46138	0.07643	0.10000	0.00000	548021.46138	0.07643	0.2500
3505:	91	0	91	90	0	90	548021.53781	548021.46138	0.07643	0.10000	0.00000	548021.46138	0.07643	0.2500
3506:	41	19	23	40	18	22	548953.91091	548953.91279	-0.00188	0.10000	0.00000	548953.91288	-0.00198	0.5000
3507:	41	19	22	40	18	23	548953.91091	548953.91298	-0.00207	0.10000	0.00000	548953.91288	-0.00198	0.5000
3508:	75	21	55	74	21	54	549124.03903	549123.92205	0.11698	0.10000	0.00000			
3509:	39	20	20	38	19	19	549378.59408	549378.62098	-0.02690	0.10000	0.00000	549378.62098	-0.02691	0.5000
3510:	39	20	19	38	19	20	549378.59408	549378.62098	-0.02691	0.10000	0.00000	549378.62098	-0.02691	0.5000
3511:	27	26	2	26	25	1	549460.11237	549460.35918	-0.24680	0.10000	0.00000	549460.35918	-0.24680	0.5000
3512:	27	26	1	26	25	2	549460.11237	549460.35918	-0.24680	0.10000	0.00000	549460.35918	-0.24680	0.5000
3513:	29	25	5	28	24	4	549549.14303	549549.12421	0.01881	0.10000	0.00000	549549.12421	0.01881	0.5000
3514:	29	25	4	28	24	5	549549.14303	549549.12421	0.01881	0.10000	0.00000	549549.12421	0.01881	0.5000
3515:	31	24	7	30	23	8	549623.38949	549623.37787	0.01162	0.10000	0.00000	549623.37787	0.01162	0.5000
3516:	31	24	8	30	23	7	549623.38949	549623.37787	0.01162	0.10000	0.00000	549623.37787	0.01162	0.5000
3517:	82	11	72	81	11	71	550495.29361	550495.26699	0.02662	0.10000	0.00000	550495.26708	0.02653	0.2500
3518:	82	10	72	81	10	71	550495.29361	550495.26717	0.02644	0.10000	0.00000	550495.26708	0.02653	0.2500
3519:	82	11	72	81	10	71	550495.29361	550495.26677	0.02621	0.10000	0.00000	550495.26708	0.02653	0.2500
3520:	82	10	72	81	11	71	550495.29361	550495.26677	0.02684	0.10000	0.00000	550495.26708	0.02653	0.2500
3521:	83	9	74	82	10	73	550699.44520	550699.48659	-0.04138	0.10000	0.00000	550699.48660	-0.04139	0.2500
3522:	83	10	74	82	9	73	550699.44520	550699.48660	-0.04140	0.10000	0.00000	550699.48660	-0.04139	0.2500
3523:	83	10	74	82	10	73	550699.44520	550699.48659	-0.04139	0.10000	0.00000	550699.48660	-0.04139	0.2500
3524:	83	9	74	82	9	73	550699.44520	550699.48660	-0.04139	0.10000	0.00000	550699.48660	-0.04139	0.2500
3525:	84	8	76	83	8	75	550967.12963	550967.05462	0.07500	0.10000	0.00000	550967.05462	0.07500	0.2500
3526:	84	8	76	83	9	75	550967.12963	550967.05462	0.07500	0.10000	0.00000	550967.05462	0.07500	0.2500
3527:	84	9	76	83	8	75	550967.12963	550967.05462	0.07500	0.10000	0.00000	550967.05462	0.07500	0.2500
3528:	84	9	76	83	9	75	550967.12963	550967.05462	0.07500	0.10000	0.00000	550967.05462	0.07500	0.2500
3529:	85	7	78	84	8	77	551279.79392	551279.71900	0.07492	0.10000	0.00000	551279.71900	0.07492	0.2500
3530:	85	8	78	84	7	77	551279.79392	551279.71900	0.07492	0.10000	0.00000	551279.71900	0.07492	0.2500
3531:	85	8	78	84	8	77	551279.79392	551279.71900	0.07492	0.10000	0.00000	551279.71900	0.07492	0.2500

3532:	85	7	78	84	7	77	551279.79392	551279.71900	0.07492	0.10000	0.00000	551279.71900	0.07492	0.2500
3533:	86	6	80	85	7	79	551624.62025	551624.60338	0.01687	0.10000	0.00000	551624.60338	0.01687	0.2500
3534:	86	7	80	85	6	79	551624.62025	551624.60338	0.01687	0.10000	0.00000	551624.60338	0.01687	0.2500
3535:	86	7	80	85	7	79	551624.62025	551624.60338	0.01687	0.10000	0.00000	551624.60338	0.01687	0.2500
3536:	86	6	80	85	6	79	551624.62025	551624.60338	0.01687	0.10000	0.00000	551624.60338	0.01687	0.2500
3537:	87	5	82	86	5	81	551992.29448	551992.38007	-0.08559	0.10000	0.00000	551992.38007	-0.08559	0.3333
3538:	87	6	82	86	5	81	551992.29448	551992.38007	-0.08559	0.10000	0.00000	551992.38007	-0.08559	0.3333
3539:	87	6	82	86	6	81	551992.29448	551992.38007	-0.08559	0.10000	0.00000	551992.38007	-0.08559	0.3333
3540:	88	4	84	87	5	83	552376.21004	552376.14851	0.06154	0.10000	0.00000	552376.14851	0.06154	0.2500
3541:	88	5	84	87	4	83	552376.21004	552376.14851	0.06154	0.10000	0.00000	552376.14851	0.06154	0.2500
3542:	88	5	84	87	5	83	552376.21004	552376.14851	0.06154	0.10000	0.00000	552376.14851	0.06154	0.2500
3543:	88	4	84	87	4	83	552376.21004	552376.14851	0.06154	0.10000	0.00000	552376.14851	0.06154	0.2500
3544:	77	29	49	76	29	48	552450.72376	552450.83535	-0.11159	0.10000	0.00000	552450.83536	-0.11160	0.5000
3545:	77	29	48	76	29	47	552450.72376	552450.83536	-0.11160	0.10000	0.00000	552450.83536	-0.11160	0.5000
3546:	76	23	53	75	23	52	552456.76152	552456.70463	0.05689	0.10000	0.00000	552456.70463	0.05689	0.2500
3547:	89	3	86	88	4	85	552770.76264	552770.71650	0.04615	0.10000	0.00000	552770.71650	0.04615	0.2500
3548:	89	4	86	88	3	85	552770.76264	552770.71650	0.04615	0.10000	0.00000	552770.71650	0.04615	0.2500
3549:	89	4	86	88	4	85	552770.76264	552770.71650	0.04615	0.10000	0.00000	552770.71650	0.04615	0.2500
3550:	89	3	86	88	3	85	552770.76264	552770.71650	0.04615	0.10000	0.00000	552770.71650	0.04615	0.2500
3551:	76	17	60	75	17	59	552965.79393	552965.89429	-0.10036	0.10000	0.00000	552965.89429	-0.10036	0.2500
3552:	75	19	57	74	19	56	553095.34698	553095.29487	0.05211	0.10000	0.00000	553095.29487	0.05211	0.2500
3553:	90	2	88	89	2	87	553172.10395	553172.12282	-0.01887	0.10000	0.00000	553172.12282	-0.01887	0.2500
3554:	90	2	88	89	3	87	553172.10395	553172.12282	-0.01887	0.10000	0.00000	553172.12282	-0.01887	0.2500
3555:	90	3	88	89	2	87	553172.10395	553172.12282	-0.01887	0.10000	0.00000	553172.12282	-0.01887	0.2500
3556:	90	3	88	89	3	87	553172.10395	553172.12282	-0.01887	0.10000	0.00000	553172.12282	-0.01887	0.2500
3557:	77	28	49	76	28	48	553332.45329	553332.64370	-0.19041	0.10000	0.00000	553332.64360	-0.19030	0.5000
3558:	77	28	50	76	28	49	553332.45329	553332.64349	-0.19020	0.10000	0.00000	553332.64360	-0.19030	0.5000
3559:	73	18	55	72	18	54	553387.32485	553387.14301	0.18183	0.10000	0.00000	553387.14301	0.18183	0.2500
3560:	91	1	90	90	2	89	553577.14718	553577.31083	-0.16366	0.10000	0.00000	553577.31083	-0.16366	0.2500
3561:	91	2	90	90	1	89	553577.14718	553577.31083	-0.16366	0.10000	0.00000	553577.31083	-0.16366	0.2500
3562:	91	2	90	90	2	89	553577.14718	553577.31083	-0.16366	0.10000	0.00000	553577.31083	-0.16366	0.2500
3563:	91	1	90	90	1	89	553577.14718	553577.31083	-0.16366	0.10000	0.00000	553577.31083	-0.16366	0.2500
3564:	74	19	55	73	19	54	553747.59642	553747.56597	0.03045	0.10000	0.00000	553747.56597	0.03045	0.2500
3565:	92	0	92	91	1	91	553983.94087	553983.89965	0.04122	0.10000	0.00000	553983.89965	0.04122	0.2500
3566:	92	1	92	91	0	91	553983.94087	553983.89965	0.04122	0.10000	0.00000	553983.89965	0.04122	0.2500
3567:	92	1	92	91	1	91	553983.94087	553983.89965	0.04122	0.10000	0.00000	553983.89965	0.04122	0.2500
3568:	92	0	92	91	0	91	553983.94087	553983.89965	0.04122	0.10000	0.00000	553983.89965	0.04122	0.2500
3569:	73	17	56	72	17	55	554091.78640	554091.89229	-0.10588	0.10000	0.00000	554091.89229	-0.10588	0.2500
3570:	77	27	50	76	27	49	554332.10243	554332.14906	-0.04663	0.10000	0.00000	554332.14765	-0.04522	0.5000
3571:	77	27	51	76	27	50	554332.10243	554332.14625	-0.04382	0.10000	0.00000	554332.14765	-0.04522	0.5000
3572:	44	18	26	43	17	26	554941.15853	554941.28501	-0.12648	0.10000	0.00000	554941.31158	-0.15306	0.5000
3573:	44	18	26	43	17	27	554941.15853	554941.33816	-0.17963	0.10000	0.00000	554941.31158	-0.15306	0.5000
3574:	42	19	23	41	18	24	555828.70183	555828.74417	-0.04234	0.10000	0.00000	555828.74394	-0.04211	0.5000
3575:	42	19	24	41	18	23	555828.70183	555828.74370	-0.04187	0.10000	0.00000	555828.74394	-0.04211	0.5000
3576:	76	16	60	75	16	59	556270.87323	556270.86137	0.01185	0.10000	0.00000	556270.86137	0.01185	0.2500
3577:	82	12	71	81	12	70	556306.76637	556306.53976	0.22661	0.10000	0.00000	556306.54123	0.22514	0.2500
3578:	82	11	71	81	11	70	556306.76637	556306.54271	0.22366	0.10000	0.00000	556306.54123	0.22514	0.2500
3579:	82	12	71	81	11	70	556306.76637	556306.54642	0.21995	0.10000	0.00000	556306.54123	0.22514	0.2500
3580:	82	11	71	81	12	70	556306.76637	556306.53605	0.23032	0.10000	0.00000	556306.54123	0.22514	0.2500

3581:	83	10	73	82	11	72	556433.30064	556433.44497	-0.14433	0.10000	0.00000	556433.44514	-0.14450	0.2500
3582:	83	11	73	82	11	72	556433.30064	556433.44509	-0.14445	0.10000	0.00000	556433.44514	-0.14450	0.2500
3583:	83	10	73	82	10	72	556433.30064	556433.44519	-0.14455	0.10000	0.00000	556433.44514	-0.14450	0.2500
3584:	83	11	73	82	10	72	556433.30064	556433.44531	-0.14467	0.10000	0.00000	556433.44514	-0.14450	0.2500
3585:	38	21	18	37	20	17	556578.37348	556578.41156	-0.03808	0.10000	0.00000	556578.41156	-0.03808	0.5000
3586:	38	21	17	37	20	18	556578.37348	556578.41156	-0.03808	0.10000	0.00000	556578.41156	-0.03808	0.5000
3587:	30	25	6	29	24	5	556603.16389	556603.17104	-0.00716	0.10000	0.00000	556603.17104	-0.00716	0.5000
3588:	30	25	5	29	24	6	556603.16389	556603.17104	-0.00716	0.10000	0.00000	556603.17104	-0.00716	0.5000
3589:	84	9	75	83	9	74	556645.97258	556645.90740	0.06518	0.10000	0.00000	556645.90740	0.06518	0.2500
3590:	84	9	75	83	10	74	556645.97258	556645.90740	0.06518	0.10000	0.00000	556645.90740	0.06518	0.2500
3591:	84	10	75	83	9	74	556645.97258	556645.90741	0.06517	0.10000	0.00000	556645.90740	0.06518	0.2500
3592:	84	10	75	83	10	74	556645.97258	556645.90740	0.06518	0.10000	0.00000	556645.90740	0.06518	0.2500
3593:	32	24	9	31	23	8	556670.85924	556670.81696	0.04228	0.10000	0.00000	556670.81696	0.04228	0.5000
3594:	32	24	8	31	23	9	556670.85924	556670.81696	0.04228	0.10000	0.00000	556670.81696	0.04228	0.5000
3595:	36	22	15	35	21	14	556687.48109	556687.48321	-0.00212	0.10000	0.00000	556687.48321	-0.00212	0.5000
3596:	36	22	14	35	21	15	556687.48109	556687.48321	-0.00212	0.10000	0.00000	556687.48321	-0.00212	0.5000
3597:	34	23	12	33	22	11	556706.20446	556706.44360	-0.23914	0.10000	0.00000	556706.44360	-0.23914	0.5000
3598:	34	23	11	33	22	12	556706.20446	556706.44360	-0.23914	0.10000	0.00000	556706.44360	-0.23914	0.5000
3599:	85	8	77	84	8	76	556918.86663	556918.85081	0.01582	0.10000	0.00000	556918.85081	0.01582	0.2500
3600:	85	8	77	84	9	76	556918.86663	556918.85081	0.01582	0.10000	0.00000	556918.85081	0.01582	0.2500
3601:	85	9	77	84	8	76	556918.86663	556918.85081	0.01582	0.10000	0.00000	556918.85081	0.01582	0.2500
3602:	85	9	77	84	9	76	556918.86663	556918.85081	0.01582	0.10000	0.00000	556918.85081	0.01582	0.2500
3603:	79	15	65	78	15	64	556948.85667	556948.77134	0.08534	0.10000	0.00000	556948.77134	0.08534	0.2500
3604:	79	14	65	78	14	64	556970.1528	556970.50435	0.41092	0.10000	0.00000	556970.50435	0.41092	0.2500
3605:	87	6	81	86	7	80	557582.22516	557582.22356	0.00160	0.10000	0.00000	557582.22356	0.00160	0.2500
3606:	87	7	81	86	6	80	557582.22516	557582.22356	0.00160	0.10000	0.00000	557582.22356	0.00160	0.2500
3607:	87	7	81	86	7	80	557582.22516	557582.22356	0.00160	0.10000	0.00000	557582.22356	0.00160	0.2500
3608:	87	6	81	86	6	80	557582.22516	557582.22356	0.00160	0.10000	0.00000	557582.22356	0.00160	0.2500
3609:	76	18	59	75	18	58	558255.17307	558255.31150	-0.13843	0.10000	0.00000	558255.31150	-0.13843	0.2500
3610:	90	3	87	89	3	86	558731.44564	558731.39771	0.04793	0.10000	0.00000	558731.39771	0.04793	0.2500
3611:	90	3	87	89	4	86	558731.44564	558731.39771	0.04793	0.10000	0.00000	558731.39771	0.04793	0.2500
3612:	90	4	87	89	3	86	558731.44564	558731.39771	0.04793	0.10000	0.00000	558731.39771	0.04793	0.2500
3613:	90	4	87	89	4	86	558731.44564	558731.39771	0.04793	0.10000	0.00000	558731.39771	0.04793	0.2500
3614:	77	17	61	76	17	60	558848.27954	558848.32723	-0.04769	0.10000	0.00000	558848.32723	-0.04769	0.2500
3615:	91	2	89	90	3	88	559133.14908	559133.18872	-0.03964	0.10000	0.00000	559133.18872	-0.03964	0.2500
3616:	91	3	89	90	2	88	559133.14908	559133.18872	-0.03964	0.10000	0.00000	559133.18872	-0.03964	0.2500
3617:	91	3	89	90	3	88	559133.14908	559133.18872	-0.03964	0.10000	0.00000	559133.18872	-0.03964	0.2500
3618:	91	2	89	90	2	88	559133.14908	559133.18872	-0.03964	0.10000	0.00000	559133.18872	-0.03964	0.2500
3619:	92	1	91	91	1	90	559538.63003	559538.62575	0.00429	0.10000	0.00000	559538.62575	0.00429	0.2500
3620:	92	1	91	91	2	90	559538.63003	559538.62575	0.00429	0.10000	0.00000	559538.62575	0.00429	0.2500
3621:	92	2	91	91	1	90	559538.63003	559538.62575	0.00429	0.10000	0.00000	559538.62575	0.00429	0.2500
3622:	92	2	91	91	2	90	559538.63003	559538.62575	0.00429	0.10000	0.00000	559538.62575	0.00429	0.2500
3623:	76	20	57	75	20	56	559597.98177	559597.79551	0.18626	0.10000	0.00000	559597.79551	0.18626	0.2500
3624:	93	0	93	92	1	92	559945.44456	559945.38901	0.05555	0.10000	0.00000	559945.38901	0.05555	0.2500
3625:	93	1	93	92	0	92	559945.44456	559945.38901	0.05555	0.10000	0.00000	559945.38901	0.05555	0.2500
3626:	93	1	93	92	1	92	559945.44456	559945.38901	0.05555	0.10000	0.00000	559945.38901	0.05555	0.2500
3627:	93	0	93	92	0	92	559945.44456	559945.38901	0.05555	0.10000	0.00000	559945.38901	0.05555	0.2500
3628:	78	28	50	77	28	49	560813.38598	560813.32543	0.06055	0.10000	0.00000	560813.32543	0.06055	0.5000
3629:	78	28	51	77	28	50	560813.38598	560813.32502	0.06097	0.10000	0.00000	560813.32502	0.06097	0.5000

3630:	77	16	61	76	16	60	561169.41483	561169.45329	-0.03846	0.10000	0.00000	561674.07147	-0.00329	0.5000
3631:	45	18	27	44	17	28	561674.06818	561674.13005	-0.06187	0.10000	0.00000	561674.07147	-0.00329	0.5000
3632:	45	18	28	44	17	27	561674.06818	561674.01289	0.05529	0.10000	0.00000	561674.07147	-0.00329	0.5000
3633:	82	13	70	81	13	69	562210.64096	562210.57506	0.06590	0.10000	0.00000	562210.59535	0.04561	0.2500
3634:	82	12	70	81	12	69	562210.64096	562210.61563	0.02533	0.10000	0.00000	562210.59535	0.04561	0.2500
3635:	82	13	70	81	12	69	562210.64096	562210.66931	-0.02835	0.10000	0.00000	562210.59535	0.04561	0.2500
3636:	82	12	70	81	13	69	562210.64096	562210.52139	0.11957	0.10000	0.00000	562210.59535	0.04561	0.2500
3637:	83	11	72	82	12	71	562232.75542	562232.80913	-0.05370	0.10000	0.00000	562232.81202	-0.05659	0.2500
3638:	83	12	72	82	12	71	562232.75542	562232.81119	-0.05577	0.10000	0.00000	562232.81202	-0.05659	0.2500
3639:	83	11	72	82	11	71	562232.75542	562232.81284	-0.05742	0.10000	0.00000	562232.81202	-0.05659	0.2500
3640:	83	12	72	82	11	71	562232.75542	562232.81490	-0.05948	0.10000	0.00000	562232.81202	-0.05659	0.2500
3641:	84	11	74	83	11	73	562371.78176	562371.73256	0.04920	0.10000	0.00000	562371.73259	0.04917	0.2500
3642:	84	10	74	83	10	73	562371.78176	562371.73262	0.04915	0.10000	0.00000	562371.73259	0.04917	0.2500
3643:	84	11	74	83	10	73	562371.78176	562371.73268	0.04908	0.10000	0.00000	562371.73259	0.04917	0.2500
3644:	84	10	74	83	11	73	562371.78176	562371.73249	0.04927	0.10000	0.00000	562371.73259	0.04917	0.2500
3645:	74	18	56	73	18	55	562412.34547	562412.37798	-0.03251	0.10000	0.00000			
3646:	43	19	24	42	18	25	562681.68583	562681.75614	-0.07031	0.10000	0.00000	562681.75556	-0.06973	0.5000
3647:	43	19	25	42	18	24	562681.68583	562681.75498	-0.06915	0.10000	0.00000	562681.75556	-0.06973	0.5000
3648:	86	8	78	85	8	77	562869.99504	562870.03754	-0.04250	0.10000	0.00000	562870.03754	-0.04250	0.2500
3649:	86	8	78	85	9	77	562869.99504	562870.03754	-0.04250	0.10000	0.00000	562870.03754	-0.04250	0.2500
3650:	86	9	78	85	8	77	562869.99504	562870.03754	-0.04250	0.10000	0.00000	562870.03754	-0.04250	0.2500
3651:	86	9	78	85	9	77	562869.99504	562870.03754	-0.04250	0.10000	0.00000	562870.03754	-0.04250	0.2500
3652:	87	7	80	86	8	79	563189.60587	563189.58806	0.01781	0.10000	0.00000	563189.58806	0.01781	0.2500
3653:	87	8	80	86	7	79	563189.60587	563189.58806	0.01781	0.10000	0.00000	563189.58806	0.01781	0.2500
3654:	87	8	80	86	8	79	563189.60587	563189.58806	0.01781	0.10000	0.00000	563189.58806	0.01781	0.2500
3655:	87	7	80	86	7	79	563189.60587	563189.58806	0.01781	0.10000	0.00000	563189.58806	0.01781	0.2500
3656:	41	20	22	40	19	21	563251.92243	563251.88743	0.03500	0.10000	0.00000	563251.88744	0.03499	0.5000
3657:	41	20	21	40	19	22	563251.92243	563251.88744	0.03499	0.10000	0.00000	563251.88744	0.03499	0.5000
3658:	27	27	0	26	26	1	563481.70367	563481.72401	-0.02034	0.10000	0.00000	563481.72401	-0.02034	0.5000
3659:	27	27	1	26	26	0	563481.70367	563481.72401	-0.02034	0.10000	0.00000	563481.72401	-0.02034	0.5000
3660:	88	6	82	87	7	81	563539.17671	563538.98521	0.19150	0.10000	0.00000	563538.98521	0.19150	0.2500
3661:	88	7	82	87	6	81	563539.17671	563538.98521	0.19150	0.10000	0.00000	563538.98521	0.19150	0.2500
3662:	88	7	82	87	7	81	563539.17671	563538.98521	0.19150	0.10000	0.00000	563538.98521	0.19150	0.2500
3663:	88	6	82	87	6	81	563539.17671	563538.98521	0.19150	0.10000	0.00000	563538.98521	0.19150	0.2500
3664:	39	21	19	38	20	18	563556.72579	563556.79304	-0.06725	0.10000	0.00000	563556.79304	-0.06725	0.5000
3665:	39	21	18	38	20	19	563556.72579	563556.79304	-0.06725	0.10000	0.00000	563556.79304	-0.06725	0.5000
3666:	29	26	4	28	25	3	563573.81982	563573.87423	-0.05441	0.10000	0.00000	563573.87423	-0.05441	0.5000
3667:	29	26	3	28	25	4	563573.81982	563573.87423	-0.05441	0.10000	0.00000	563573.87423	-0.05441	0.5000
3668:	31	25	6	30	24	7	563654.91346	563654.95688	-0.04342	0.10000	0.00000	563654.95688	-0.04342	0.5000
3669:	31	25	7	30	24	6	563654.91346	563654.95688	-0.04342	0.10000	0.00000	563654.95688	-0.04342	0.5000
3670:	37	22	16	36	21	15	563697.86337	563697.89156	-0.02819	0.10000	0.00000	563697.89156	-0.02819	0.5000
3671:	37	22	15	36	21	16	563697.86337	563697.89156	-0.02819	0.10000	0.00000	563697.89156	-0.02819	0.5000
3672:	33	24	10	32	23	9	563714.79748	563714.82951	-0.03203	0.10000	0.00000	563714.82951	-0.03203	0.5000
3673:	33	24	9	32	23	10	563714.79748	563714.82951	-0.03203	0.10000	0.00000	563714.82951	-0.03203	0.5000
3674:	35	23	13	34	22	12	563737.53786	563737.48718	0.05068	0.10000	0.00000	563737.48718	0.05068	0.5000
3675:	35	23	12	34	22	13	563737.53786	563737.48718	0.05068	0.10000	0.00000	563737.48718	0.05068	0.5000
3676:	75	19	56	74	19	55	563755.16528	563755.09118	0.07410	0.10000	0.00000			
3677:	89	5	84	88	5	83	563909.67269	563909.69751	-0.02481	0.10000	0.00000	563909.69751	-0.02481	0.2500
3678:	89	5	84	88	6	83	563909.67269	563909.69751	-0.02481	0.10000	0.00000	563909.69751	-0.02481	0.2500

3679:	89	6	84	88	5	83	563909.67269	563909.69751	-0.02481	0.10000	0.00000	563909.69751	-0.02481	0.2500
3680:	89	6	84	88	6	83	563909.67269	563909.69751	-0.02481	0.10000	0.00000	563909.69751	-0.02481	0.2500
3681:	76	20	86	75	20	55	563964.11127	563963.93280	0.17847	0.10000	0.00000			
3682:	90	4	86	89	5	85	564295.43272	564295.35491	0.07781	0.10000	0.00000	564295.35491	0.07781	0.2500
3683:	90	4	86	89	4	85	564295.43272	564295.35491	0.07781	0.10000	0.00000	564295.35491	0.07781	0.2500
3684:	90	5	86	89	5	85	564295.43272	564295.35491	0.07781	0.10000	0.00000	564295.35491	0.07781	0.2500
3685:	90	4	86	89	4	85	564295.43272	564295.35491	0.07781	0.10000	0.00000	564295.35491	0.07781	0.2500
3686:	77	18	60	76	18	59	564648.1015	564648.89612	-0.28598	0.10000	0.00000			
3687:	78	17	62	77	17	61	564669.25889	564669.19760	0.06128	0.10000	0.00000			
3688:	91	3	88	90	3	87	564691.07179	564691.12534	-0.05356	0.10000	0.00000	564691.12534	-0.05356	0.2500
3689:	91	3	88	90	4	87	564691.07179	564691.12534	-0.05356	0.10000	0.00000	564691.12534	-0.05356	0.2500
3690:	91	4	88	90	3	87	564691.07179	564691.12534	-0.05356	0.10000	0.00000	564691.12534	-0.05356	0.2500
3691:	91	4	88	90	4	87	564691.07179	564691.12534	-0.05356	0.10000	0.00000	564691.12534	-0.05356	0.2500
3692:	75	17	58	74	17	57	564736.51472	564736.49661	0.01810	0.10000	0.00000			
3693:	92	2	90	91	3	89	565093.27387	565093.29537	-0.02150	0.10000	0.00000	565093.29537	-0.02150	0.2500
3694:	92	3	90	91	2	89	565093.27387	565093.29537	-0.02150	0.10000	0.00000	565093.29537	-0.02150	0.2500
3695:	92	3	90	91	3	89	565093.27387	565093.29537	-0.02150	0.10000	0.00000	565093.29537	-0.02150	0.2500
3696:	92	2	90	91	2	89	565093.27387	565093.29537	-0.02150	0.10000	0.00000	565093.29537	-0.02150	0.2500
3697:	93	1	92	92	1	91	565498.92696	565498.98031	-0.05335	0.10000	0.00000	565498.98031	-0.05335	0.2500
3698:	93	1	92	92	2	91	565498.92696	565498.98031	-0.05335	0.10000	0.00000	565498.98031	-0.05335	0.2500
3699:	93	2	92	92	1	91	565498.92696	565498.98031	-0.05335	0.10000	0.00000	565498.98031	-0.05335	0.2500
3700:	93	2	92	92	2	91	565498.92696	565498.98031	-0.05335	0.10000	0.00000	565498.98031	-0.05335	0.2500
3701:	94	0	94	93	1	93	565905.96242	565905.91909	0.04332	0.10000	0.00000	565905.91909	0.04332	0.2500
3702:	94	1	94	93	1	93	565905.96242	565905.91909	0.04332	0.10000	0.00000	565905.91909	0.04332	0.2500
3703:	94	1	94	93	1	93	565905.96242	565905.91909	0.04332	0.10000	0.00000	565905.91909	0.04332	0.2500
3704:	94	0	94	93	0	93	565905.96242	565905.91909	0.04332	0.10000	0.00000	565905.91909	0.04332	0.2500
3705:	77	19	59	76	19	58	567725.41966	567725.36601	0.05365	0.10000	0.00000			
3706:	78	23	56	77	23	55	568130.94304	568130.91557	0.02747	0.10000	0.00000			
3707:	85	10	75	84	10	74	568310.17341	568310.04393	0.12949	0.10000	0.00000	568310.04391	0.12950	0.2500
3708:	85	10	75	84	11	74	568310.17341	568310.04386	0.12956	0.10000	0.00000	568310.04391	0.12950	0.2500
3709:	85	11	75	84	11	74	568310.17341	568310.04390	0.12952	0.10000	0.00000	568310.04391	0.12950	0.2500
3710:	85	11	75	84	10	74	568310.17341	568310.04396	0.12945	0.10000	0.00000	568310.04391	0.12950	0.2500
3711:	81	15	67	80	15	66	568609.39788	568609.35291	0.04497	0.10000	0.00000			
3712:	81	14	67	80	14	66	568617.48844	568617.47459	0.01385	0.10000	0.00000			
3713:	87	8	79	86	9	78	568820.73076	568820.58253	0.14823	0.10000	0.00000	568820.58253	0.14823	0.3333
3714:	87	9	79	86	8	78	568820.73076	568820.58253	0.14823	0.10000	0.00000	568820.58253	0.14823	0.3333
3715:	87	8	79	86	8	78	568820.73076	568820.58253	0.14823	0.10000	0.00000	568820.58253	0.14823	0.3333
3716:	88	7	81	87	7	80	569143.40876	569143.35071	0.05805	0.10000	0.00000	569143.35071	0.05805	0.2500
3717:	88	7	81	87	8	80	569143.40876	569143.35071	0.05805	0.10000	0.00000	569143.35071	0.05805	0.2500
3718:	88	8	81	87	7	80	569143.40876	569143.35071	0.05805	0.10000	0.00000	569143.35071	0.05805	0.2500
3719:	88	8	81	87	8	80	569143.40876	569143.35071	0.05805	0.10000	0.00000	569143.35071	0.05805	0.2500
3720:	89	6	83	88	7	82	569495.04520	569494.87191	0.17329	0.10000	0.00000	569494.87191	0.17329	0.2500
3721:	89	7	83	88	6	82	569495.04520	569494.87191	0.17329	0.10000	0.00000	569494.87191	0.17329	0.2500
3722:	89	7	83	88	7	82	569495.04520	569494.87191	0.17329	0.10000	0.00000	569494.87191	0.17329	0.2500
3723:	89	6	83	88	6	82	569495.04520	569494.87191	0.17329	0.10000	0.00000	569494.87191	0.17329	0.2500
3724:	44	19	25	43	18	26	569511.14538	569511.17602	-0.03064	0.10000	0.00000	569511.17463	-0.02925	0.5000
3725:	44	19	26	43	18	25	569511.14538	569511.17324	-0.02786	0.10000	0.00000	569511.17463	-0.02925	0.5000
3726:	90	5	85	89	5	84	569867.16353	569866.97633	0.18719	0.10000	0.00000	569866.97633	0.18719	0.2500
3727:	90	5	85	89	6	84	569867.16353	569866.97633	0.18719	0.10000	0.00000	569866.97633	0.18719	0.2500

3728:	90	6	85	89	5	84	569867.16353	569866.97633	0.18719	0.10000	0.00000	569866.97633	0.18719	0.2500
3729:	90	6	85	89	6	84	569867.16353	569866.97633	0.18719	0.10000	0.00000	569866.97633	0.18719	0.2500
3730:	42	20	22	41	19	22	570164.71278	570164.78892	-0.07614	0.10000	0.00000	570164.78893	-0.07615	0.5000
3731:	42	20	22	41	19	23	570164.71278	570164.78894	-0.07616	0.10000	0.00000	570164.78893	-0.07615	0.5000
3732:	91	4	87	90	4	86	570253.50990	570253.53710	-0.02720	0.10000	0.00000	570253.53710	-0.02720	0.3333
3733:	91	4	87	90	5	86	570253.50990	570253.53710	-0.02720	0.10000	0.00000	570253.53710	-0.02720	0.3333
3734:	91	5	87	90	4	86	570253.50990	570253.53710	-0.02720	0.10000	0.00000	570253.53710	-0.02720	0.3333
3735:	40	21	19	39	20	20	570523.81523	570523.83225	-0.01703	0.10000	0.00000	570523.83225	-0.01703	0.5000
3736:	40	21	20	39	20	19	570523.81523	570523.83225	-0.01703	0.10000	0.00000	570523.83225	-0.01703	0.5000
3737:	28	27	2	27	26	1	570538.62327	570538.66343	-0.04016	0.10000	0.00000	570538.66343	-0.04016	0.5000
3738:	28	27	1	27	26	2	570538.62327	570538.66343	-0.04016	0.10000	0.00000	570538.66343	-0.04016	0.5000
3739:	78	22	57	77	22	56	570549.96582	570549.66773	0.29809	0.10000	0.00000	570549.66773	0.29809	0.5000
3740:	30	26	5	29	25	4	570628.37576	570628.25535	0.12041	0.10000	0.00000	570628.25535	0.12041	0.5000
3741:	30	26	4	29	25	5	570628.37576	570628.25535	0.12041	0.10000	0.00000	570628.25535	0.12041	0.5000
3742:	92	3	89	91	3	88	570649.88855	570649.88846	0.00009	0.10000	0.00000	570649.88846	0.00009	0.2500
3743:	92	3	89	91	4	88	570649.88855	570649.88846	0.00009	0.10000	0.00000	570649.88846	0.00009	0.2500
3744:	92	4	89	91	3	88	570649.88855	570649.88846	0.00009	0.10000	0.00000	570649.88846	0.00009	0.2500
3745:	92	4	89	91	4	88	570649.88855	570649.88846	0.00009	0.10000	0.00000	570649.88846	0.00009	0.2500
3746:	38	22	17	37	21	16	570700.33680	570700.34085	-0.00405	0.10000	0.00000	570700.34085	-0.00405	0.5000
3747:	38	22	16	37	21	17	570700.33680	570700.34085	-0.00405	0.10000	0.00000	570700.34085	-0.00405	0.5000
3748:	32	25	8	31	24	7	570704.41861	570704.17271	0.24590	0.10000	0.00000	570704.17271	0.24590	0.5000
3749:	32	25	7	31	24	8	570704.41861	570704.17271	0.24590	0.10000	0.00000	570704.17271	0.24590	0.5000
3750:	34	24	11	33	23	10	570755.07369	570755.01798	0.05572	0.10000	0.00000	570755.01798	0.05572	0.5000
3751:	34	24	10	33	23	11	570755.07369	570755.01798	0.05572	0.10000	0.00000	570755.01798	0.05572	0.5000
3752:	36	23	13	35	22	14	570763.05298	570762.97510	0.07789	0.10000	0.00000	570762.97510	0.07789	0.5000
3753:	36	23	14	35	22	13	570763.05298	570762.97510	0.07789	0.10000	0.00000	570762.97510	0.07789	0.5000
3754:	93	2	91	92	3	90	571052.44620	571052.43220	0.01400	0.10000	0.00000	571052.43220	0.01400	0.2500
3755:	93	3	91	92	2	90	571052.44620	571052.43220	0.01400	0.10000	0.00000	571052.43220	0.01400	0.2500
3756:	93	3	91	92	3	90	571052.44620	571052.43220	0.01400	0.10000	0.00000	571052.43220	0.01400	0.2500
3757:	93	2	91	92	2	90	571052.44620	571052.43220	0.01400	0.10000	0.00000	571052.43220	0.01400	0.2500
3758:	94	1	93	93	2	92	571458.34708	571458.36412	-0.01703	0.10000	0.00000	571458.36412	-0.01703	0.2500
3759:	94	2	93	93	1	92	571458.34708	571458.36412	-0.01703	0.10000	0.00000	571458.36412	-0.01703	0.2500
3760:	94	2	93	93	2	92	571458.34708	571458.36412	-0.01703	0.10000	0.00000	571458.36412	-0.01703	0.2500
3761:	94	1	93	93	1	92	571458.34708	571458.36412	-0.01703	0.10000	0.00000	571458.36412	-0.01703	0.2500
3762:	95	0	95	94	0	94	571865.52259	571865.47953	0.04306	0.10000	0.00000	571865.47953	0.04306	0.2500
3763:	95	0	95	94	1	94	571865.52259	571865.47953	0.04306	0.10000	0.00000	571865.47953	0.04306	0.2500
3764:	95	1	95	94	0	94	571865.52259	571865.47953	0.04306	0.10000	0.00000	571865.47953	0.04306	0.2500
3765:	95	1	95	94	1	94	571865.52259	571865.47953	0.04306	0.10000	0.00000	571865.47953	0.04306	0.2500
3766:	77	17	60	76	17	59	573483.54479	573483.60301	-0.05822	0.10000	0.00000	573483.60301	-0.05822	0.2500
3767:	76	19	57	75	19	56	573735.31781	573735.11653	0.20129	0.10000	0.00000	573735.11653	0.20129	0.2500
3768:	80	30	51	79	30	50	573913.08396	573913.32788	-0.24392	0.10000	0.00000	573913.32788	-0.24392	0.5000
3769:	80	30	50	79	30	49	573913.08396	573913.32788	-0.24392	0.10000	0.00000	573913.32788	-0.24392	0.5000
3770:	79	24	55	78	24	54	573917.07894	573917.02173	0.05721	0.10000	0.00000	573917.02173	0.05721	0.2500
3771:	84	12	72	83	13	71	574031.03015	574031.04381	-0.01366	0.10000	0.00000	574031.04381	-0.01366	0.2500
3772:	84	13	72	83	13	71	574031.03015	574031.06104	-0.03089	0.10000	0.00000	574031.06104	-0.03089	0.2500
3773:	84	12	72	83	12	71	574031.03015	574031.07427	-0.04412	0.10000	0.00000	574031.07427	-0.04412	0.2500
3774:	84	13	72	83	12	71	574031.03015	574031.09150	-0.06135	0.10000	0.00000	574031.09150	-0.06135	0.2500
3775:	85	12	74	84	12	73	574087.34759	574087.44818	-0.10058	0.10000	0.00000	574087.44818	-0.10058	0.2500
3776:	85	11	74	84	11	73	574087.34759	574087.44869	-0.10110	0.10000	0.00000	574087.44869	-0.10110	0.2500

3777:	85	12	74	84	11	73	574087.34759	574087.44932	-0.10173	0.10000	0.00000	574087.44843	-0.10084	0.2500
3778:	85	11	74	84	12	73	574087.34759	574087.44755	-0.09995	0.10000	0.00000	574087.44843	-0.10084	0.2500
3779:	86	10	76	85	11	75	574248.26692	574248.30009	-0.03318	0.10000	0.00000	574248.30012	-0.03320	0.2500
3780:	86	11	76	85	11	75	574248.26692	574248.30011	-0.03320	0.10000	0.00000	574248.30012	-0.03320	0.2500
3781:	86	10	76	85	10	75	574248.26692	574248.30013	-0.03321	0.10000	0.00000	574248.30012	-0.03320	0.2500
3782:	86	11	76	85	10	75	574248.26692	574248.30015	-0.03323	0.10000	0.00000	574248.30012	-0.03320	0.2500
3783:	82	15	68	81	15	67	574450.95396	574451.07601	-0.12205	0.10000	0.00000			
3784:	87	9	78	86	10	77	574482.91136	574482.90842	0.00294	0.10000	0.00000	574482.90842	0.00294	0.2500
3785:	87	10	78	86	9	77	574482.91136	574482.90842	0.00294	0.10000	0.00000	574482.90842	0.00294	0.2500
3786:	87	10	78	86	10	77	574482.91136	574482.90842	0.00294	0.10000	0.00000	574482.90842	0.00294	0.2500
3787:	87	9	78	86	9	77	574482.91136	574482.90842	0.00294	0.10000	0.00000	574482.90842	0.00294	0.2500
3788:	88	8	80	87	8	79	574770.44621	574770.45513	-0.00891	0.10000	0.00000	574770.45513	-0.00891	0.2500
3789:	88	8	80	87	9	79	574770.44621	574770.45513	-0.00891	0.10000	0.00000	574770.45513	-0.00891	0.2500
3790:	88	9	80	87	8	79	574770.44621	574770.45513	-0.00891	0.10000	0.00000	574770.45513	-0.00891	0.2500
3791:	88	9	80	87	9	79	574770.44621	574770.45513	-0.00891	0.10000	0.00000	574770.45513	-0.00891	0.2500
3792:	80	29	51	79	29	50	574808.23987	574808.28137	-0.04150	0.10000	0.00000	574808.28131	-0.04144	0.5000
3793:	80	29	52	79	29	51	574808.23987	574808.28125	-0.04137	0.10000	0.00000	574808.28131	-0.04144	0.5000
3794:	89	7	82	88	8	81	575096.31149	575096.30351	0.00798	0.10000	0.00000	575096.30351	0.00798	0.2500
3795:	89	8	82	88	7	81	575096.31149	575096.30351	0.00798	0.10000	0.00000	575096.30351	0.00798	0.2500
3796:	89	8	82	88	8	81	575096.31149	575096.30351	0.00798	0.10000	0.00000	575096.30351	0.00798	0.2500
3797:	89	7	82	88	7	81	575096.31149	575096.30351	0.00798	0.10000	0.00000	575096.30351	0.00798	0.2500
3798:	90	6	84	89	6	83	575449.92285	575449.86761	0.05524	0.10000	0.00000	575449.86761	0.05524	0.2500
3799:	90	6	84	89	7	83	575449.92285	575449.86761	0.05524	0.10000	0.00000	575449.86761	0.05524	0.2500
3800:	90	7	84	89	6	83	575449.92285	575449.86761	0.05524	0.10000	0.00000	575449.86761	0.05524	0.2500
3801:	90	7	84	89	7	83	575449.92285	575449.86761	0.05524	0.10000	0.00000	575449.86761	0.05524	0.2500
3802:	92	4	88	91	5	87	576210.67047	576210.75636	-0.08589	0.10000	0.00000	576210.75636	-0.08589	0.3333
3803:	92	5	88	91	4	87	576210.67047	576210.75636	-0.08589	0.10000	0.00000	576210.75636	-0.08589	0.3333
3804:	92	4	88	91	4	87	576210.67047	576210.75636	-0.08589	0.10000	0.00000	576210.75636	-0.08589	0.3333
3805:	45	19	26	44	18	27	576315.08603	576315.10137	-0.01534	0.10000	0.00000	576315.09811	-0.01209	0.5000
3806:	45	19	27	44	18	26	576315.08603	576315.09486	-0.00884	0.10000	0.00000	576315.09811	-0.01209	0.5000
3807:	93	3	90	92	3	89	576607.63386	576607.67615	-0.04228	0.10000	0.00000	576607.67615	-0.04228	0.3333
3808:	93	4	90	92	3	89	576607.63386	576607.67615	-0.04228	0.10000	0.00000	576607.67615	-0.04228	0.3333
3809:	93	4	90	92	4	89	576607.63386	576607.67615	-0.04228	0.10000	0.00000	576607.67615	-0.04228	0.3333
3810:	94	2	92	93	3	91	577010.52211	577010.58866	-0.06655	0.10000	0.00000	577010.58866	-0.06655	0.2500
3811:	94	3	92	93	2	91	577010.52211	577010.58866	-0.06655	0.10000	0.00000	577010.58866	-0.06655	0.2500
3812:	94	3	92	93	3	91	577010.52211	577010.58866	-0.06655	0.10000	0.00000	577010.58866	-0.06655	0.2500
3813:	94	2	92	93	2	91	577010.52211	577010.58866	-0.06655	0.10000	0.00000	577010.58866	-0.06655	0.2500
3814:	43	20	23	42	19	24	577060.10580	577060.16542	-0.05962	0.10000	0.00000	577060.16540	-0.05960	0.5000
3815:	43	20	24	42	19	23	577060.10580	577060.16537	-0.05957	0.10000	0.00000	577060.16540	-0.05960	0.5000
3816:	95	1	94	94	1	93	577416.76972	577416.76675	0.00298	0.10000	0.00000	577416.76675	0.00298	0.2500
3817:	95	1	94	94	2	93	577416.76972	577416.76675	0.00298	0.10000	0.00000	577416.76675	0.00298	0.2500
3818:	95	2	94	94	1	93	577416.76972	577416.76675	0.00298	0.10000	0.00000	577416.76675	0.00298	0.2500
3819:	95	2	94	94	2	93	577416.76972	577416.76675	0.00298	0.10000	0.00000	577416.76675	0.00298	0.2500
3820:	41	21	21	40	20	20	577478.57094	577478.59234	-0.02140	0.10000	0.00000	577478.59234	-0.02140	0.5000
3821:	41	21	20	40	20	21	577478.57094	577478.59234	-0.02140	0.10000	0.00000	577478.59234	-0.02140	0.5000
3822:	31	26	6	30	25	5	577680.66434	577680.71862	-0.05428	0.10000	0.00000	577680.71862	-0.05428	0.5000
3823:	31	26	5	30	25	6	577680.66434	577680.71862	-0.05428	0.10000	0.00000	577680.71862	-0.05428	0.5000
3824:	39	22	18	38	21	17	577694.14226	577694.12872	0.01354	0.10000	0.00000	577694.12872	0.01354	0.5000
3825:	39	22	17	38	21	18	577694.14226	577694.12872	0.01354	0.10000	0.00000	577694.12872	0.01354	0.5000

3826:	78	17	61	77	17	60	577706.06159	577706.01216	0.04942	0.10000	0.00000	577750.49264	0.00985	0.5000
3827:	33	25	8	32	24	9	577750.50249	577750.49264	0.00985	0.10000	0.00000	577750.49264	0.00985	0.5000
3828:	33	25	9	32	24	8	577750.50249	577750.49264	0.00985	0.10000	0.00000	577750.49264	0.00985	0.5000
3829:	37	23	15	36	22	14	577782.19179	577782.36893	-0.17714	0.10000	0.00000	577782.36893	-0.17714	0.5000
3830:	37	23	14	36	22	15	577782.19179	577782.36893	-0.17714	0.10000	0.00000	577782.36893	-0.17714	0.5000
3831:	35	24	12	34	23	11	577790.85461	577790.96448	-0.10987	0.10000	0.00000	577790.96448	-0.10987	0.5000
3832:	35	24	11	34	23	12	577790.85461	577790.96448	-0.10987	0.10000	0.00000	577790.96448	-0.10987	0.5000
3833:	96	0	96	95	0	95	577824.04021	577824.05994	-0.01973	0.10000	0.00000	577824.05994	-0.01973	0.2500
3834:	96	0	96	95	1	95	577824.04021	577824.05994	-0.01973	0.10000	0.00000	577824.05994	-0.01973	0.2500
3835:	96	1	96	95	0	95	577824.04021	577824.05994	-0.01973	0.10000	0.00000	577824.05994	-0.01973	0.2500
3836:	96	1	96	95	1	95	577824.04021	577824.05994	-0.01973	0.10000	0.00000	577824.05994	-0.01973	0.2500
3837:	76	18	58	75	18	57	578170.49810	578170.42065	0.07745	0.10000	0.00000	578170.42065	0.07745	0.2500
3838:	85	13	73	84	13	72	579943.67019	579943.72600	-0.05582	0.10000	0.00000	579943.72600	-0.05582	0.2500
3839:	85	12	73	84	12	72	579943.67019	579943.73352	-0.06333	0.10000	0.00000	579943.73352	-0.06333	0.2500
3840:	85	13	73	84	12	72	579943.67019	579943.74323	-0.07304	0.10000	0.00000	579943.74323	-0.07304	0.2500
3841:	85	12	73	84	13	72	579943.67019	579943.71629	-0.04610	0.10000	0.00000	579943.71629	-0.04610	0.2500
3842:	89	8	81	88	8	80	580719.51530	580719.62615	-0.11085	0.10000	0.00000	580719.62615	-0.11085	0.2500
3843:	89	8	81	88	9	80	580719.51530	580719.62615	-0.11085	0.10000	0.00000	580719.62615	-0.11085	0.2500
3844:	89	9	81	88	8	80	580719.51530	580719.62615	-0.11085	0.10000	0.00000	580719.62615	-0.11085	0.2500
3845:	89	9	81	88	9	80	580719.51530	580719.62615	-0.11085	0.10000	0.00000	580719.62615	-0.11085	0.2500
3846:	90	7	83	89	8	82	581048.42424	581048.42595	-0.00171	0.10000	0.00000	581048.42595	-0.00171	0.3333
3847:	90	8	83	89	8	82	581048.42424	581048.42595	-0.00171	0.10000	0.00000	581048.42595	-0.00171	0.3333
3848:	90	7	83	89	7	82	581048.42424	581048.42595	-0.00171	0.10000	0.00000	581048.42595	-0.00171	0.3333
3849:	91	6	85	90	7	84	581404.00605	581403.95665	0.04940	0.10000	0.00000	581403.95665	0.04940	0.2500
3850:	91	7	85	90	6	84	581404.00605	581403.95665	0.04940	0.10000	0.00000	581403.95665	0.04940	0.2500
3851:	91	7	85	90	7	84	581404.00605	581403.95665	0.04940	0.10000	0.00000	581403.95665	0.04940	0.2500
3852:	91	6	85	90	6	84	581404.00605	581403.95665	0.04940	0.10000	0.00000	581403.95665	0.04940	0.2500
3853:	92	5	87	91	5	86	581778.84547	581778.70826	0.13721	0.10000	0.00000	581778.70826	0.13721	0.2500
3854:	92	5	87	91	6	86	581778.84547	581778.70826	0.13721	0.10000	0.00000	581778.70826	0.13721	0.2500
3855:	92	6	87	91	5	86	581778.84547	581778.70826	0.13721	0.10000	0.00000	581778.70826	0.13721	0.2500
3856:	92	6	87	91	6	86	581778.84547	581778.70826	0.13721	0.10000	0.00000	581778.70826	0.13721	0.2500
3857:	79	17	62	78	17	61	582058.46260	582058.44479	0.01781	0.10000	0.00000	582058.44479	0.01781	0.2500
3858:	93	4	89	92	5	88	582166.91108	582167.00110	-0.09002	0.10000	0.00000	582167.00110	-0.09002	0.2500
3859:	93	5	89	92	4	88	582166.91108	582167.00110	-0.09002	0.10000	0.00000	582167.00110	-0.09002	0.2500
3860:	93	5	89	92	5	88	582166.91108	582167.00110	-0.09002	0.10000	0.00000	582167.00110	-0.09002	0.2500
3861:	93	4	89	92	4	88	582166.91108	582167.00110	-0.09002	0.10000	0.00000	582167.00110	-0.09002	0.2500
3862:	94	3	91	93	3	90	582564.50190	582564.47754	0.02436	0.10000	0.00000	582564.47754	0.02436	0.2500
3863:	94	3	91	93	4	90	582564.50190	582564.47754	0.02436	0.10000	0.00000	582564.47754	0.02436	0.2500
3864:	94	4	91	93	3	90	582564.50190	582564.47754	0.02436	0.10000	0.00000	582564.47754	0.02436	0.2500
3865:	94	4	91	93	4	90	582564.50190	582564.47754	0.02436	0.10000	0.00000	582564.47754	0.02436	0.2500
3866:	95	2	93	94	3	92	582967.78754	582967.75420	0.03334	0.10000	0.00000	582967.75420	0.03334	0.2500
3867:	95	3	93	94	2	92	582967.78754	582967.75420	0.03334	0.10000	0.00000	582967.75420	0.03334	0.2500
3868:	95	3	93	94	3	92	582967.78754	582967.75420	0.03334	0.10000	0.00000	582967.75420	0.03334	0.2500
3869:	95	2	93	94	2	92	582967.78754	582967.75420	0.03334	0.10000	0.00000	582967.75420	0.03334	0.2500
3870:	46	19	27	45	18	28	583091.55944	583091.48562	0.07382	0.10000	0.00000	583091.47819	0.08124	0.5000
3871:	46	19	28	45	18	27	583091.55944	583091.47819	0.08866	0.10000	0.00000	583091.47819	0.08124	0.5000
3872:	96	1	95	95	1	94	583374.19500	583374.17778	0.01722	0.10000	0.00000	583374.17778	0.01722	0.2500
3873:	96	1	95	95	2	94	583374.19500	583374.17778	0.01722	0.10000	0.00000	583374.17778	0.01722	0.2500
3874:	96	2	95	95	1	94	583374.19500	583374.17778	0.01722	0.10000	0.00000	583374.17778	0.01722	0.2500

3875:	96	2	95	95	2	94	583374.19500	583374.17778	0.01722	0.10000	0.00000	583374.17778	0.01722	0.2500
3876:	97	0	97	96	1	96	583781.67372	583781.64996	0.02376	0.10000	0.00000	583781.64996	0.02376	0.2500
3877:	97	1	97	96	0	96	583781.67372	583781.64996	0.02376	0.10000	0.00000	583781.64996	0.02376	0.2500
3878:	97	1	97	96	1	96	583781.67372	583781.64996	0.02376	0.10000	0.00000	583781.64996	0.02376	0.2500
3879:	97	0	97	96	0	96	583781.67372	583781.64996	0.02376	0.10000	0.00000	583781.64996	0.02376	0.2500
3880:	44	20	24	43	19	25	583936.61260	583936.63962	-0.02701	0.10000	0.00000	583936.63955	-0.02695	0.5000
3881:	44	20	25	43	19	24	583936.61260	583936.63949	-0.02689	0.10000	0.00000	583936.63955	-0.02695	0.5000
3882:	42	21	21	41	20	22	584420.08070	584420.08549	-0.00479	0.10000	0.00000	584420.08549	-0.00479	0.5000
3883:	42	21	22	41	20	21	584420.08070	584420.08549	-0.00479	0.10000	0.00000	584420.08549	-0.00479	0.5000
3884:	81	27	55	80	27	54	584550.60885	584550.74173	-0.13288	0.10000	0.00000	584550.76088	-0.15203	0.5000
3885:	81	27	54	80	27	53	584550.60885	584550.78004	-0.17118	0.10000	0.00000	584550.76088	-0.15203	0.5000
3886:	28	28	1	27	27	0	584555.77737	584555.81016	-0.03279	0.10000	0.00000	584555.81016	-0.03279	0.5000
3887:	28	28	0	27	27	1	584555.77737	584555.81016	-0.03279	0.10000	0.00000	584555.81016	-0.03279	0.5000
3888:	30	27	4	29	26	3	584648.80411	584648.69533	0.10877	0.10000	0.00000	584648.69533	0.10877	0.5000
3889:	30	27	3	29	26	4	584648.80411	584648.69533	0.10877	0.10000	0.00000	584648.69533	0.10877	0.5000
3890:	40	22	19	39	21	18	584678.54422	584678.51756	0.02666	0.10000	0.00000	584678.51756	0.02666	0.5000
3891:	40	22	18	39	21	19	584678.54422	584678.51756	0.02666	0.10000	0.00000	584678.51756	0.02666	0.5000
3892:	32	26	6	31	25	7	584731.08628	584730.99569	0.09059	0.10000	0.00000	584730.99569	0.09059	0.5000
3893:	32	26	7	31	25	6	584731.08628	584730.99569	0.09059	0.10000	0.00000	584730.99569	0.09059	0.5000
3894:	77	18	59	76	18	58	584752.50826	584752.39071	0.11756	0.10000	0.00000	584752.39071	0.11756	0.5000
3895:	36	24	13	35	23	12	584822.27014	584822.23039	0.03975	0.10000	0.00000	584822.23039	0.03975	0.5000
3896:	36	24	12	35	23	13	584822.27014	584822.23039	0.03975	0.10000	0.00000	584822.23039	0.03975	0.5000
3897:	86	13	74	85	13	73	585857.68202	585857.71950	-0.03748	0.10000	0.00000	585857.72163	-0.03961	0.2500
3898:	86	12	74	85	13	73	585857.68202	585857.72376	-0.04174	0.10000	0.00000	585857.72163	-0.03961	0.2500
3899:	86	13	74	85	12	73	585857.68202	585857.72922	-0.04719	0.10000	0.00000	585857.72163	-0.03961	0.2500
3900:	86	12	74	85	13	73	585857.68202	585857.71404	-0.03202	0.10000	0.00000	585857.72163	-0.03961	0.2500
3901:	87	11	76	86	12	75	585944.00416	585944.01213	-0.00796	0.10000	0.00000	585944.01240	-0.00823	0.2500
3902:	87	12	76	86	12	75	585944.00416	585944.01232	-0.00815	0.10000	0.00000	585944.01240	-0.00823	0.2500
3903:	87	11	76	86	11	75	585944.00416	585944.01247	-0.00831	0.10000	0.00000	585944.01240	-0.00823	0.2500
3904:	87	12	76	86	11	75	585944.00416	585944.01267	-0.00850	0.10000	0.00000	585944.01240	-0.00823	0.2500
3905:	88	11	78	87	10	77	586124.36438	586124.35986	0.00452	0.10000	0.00000	586124.35985	0.00453	0.5000
3906:	88	10	78	87	11	77	586124.36438	586124.35984	0.00454	0.10000	0.00000	586124.35985	0.00453	0.5000
3907:	90	8	82	89	9	81	586668.07553	586668.06778	0.00775	0.10000	0.00000	586668.06778	0.00775	0.2500
3908:	90	9	82	89	8	81	586668.07553	586668.06778	0.00775	0.10000	0.00000	586668.06778	0.00775	0.2500
3909:	90	9	82	89	9	81	586668.07553	586668.06778	0.00775	0.10000	0.00000	586668.06778	0.00775	0.2500
3910:	90	8	82	89	8	81	586668.07553	586668.06778	0.00775	0.10000	0.00000	586668.06778	0.00775	0.2500
3911:	92	6	86	91	6	85	587357.10254	587357.12368	-0.02114	0.10000	0.00000	587357.12368	-0.02114	0.2500
3912:	92	6	86	91	7	85	587357.10254	587357.12368	-0.02114	0.10000	0.00000	587357.12368	-0.02114	0.2500
3913:	92	7	86	91	6	85	587357.10254	587357.12368	-0.02114	0.10000	0.00000	587357.12368	-0.02114	0.2500
3914:	92	7	86	91	7	85	587357.10254	587357.12368	-0.02114	0.10000	0.00000	587357.12368	-0.02114	0.2500
3915:	94	4	90	93	5	89	588122.29345	588122.25979	0.03366	0.10000	0.00000	588122.25979	0.03366	0.2500
3916:	94	5	90	93	4	89	588122.29345	588122.25979	0.03366	0.10000	0.00000	588122.25979	0.03366	0.2500
3917:	94	5	90	93	5	89	588122.29345	588122.25979	0.03366	0.10000	0.00000	588122.25979	0.03366	0.2500
3918:	94	4	90	93	4	89	588122.29345	588122.25979	0.03366	0.10000	0.00000	588122.25979	0.03366	0.2500
3919:	95	3	92	94	3	91	588520.30964	588520.28177	0.02787	0.10000	0.00000	588520.28177	0.02787	0.2500
3920:	95	3	92	94	4	91	588520.30964	588520.28177	0.02787	0.10000	0.00000	588520.28177	0.02787	0.2500
3921:	95	4	92	94	3	91	588520.30964	588520.28177	0.02787	0.10000	0.00000	588520.28177	0.02787	0.2500
3922:	95	4	92	94	4	91	588520.30964	588520.28177	0.02787	0.10000	0.00000	588520.28177	0.02787	0.2500
3923:	97	1	96	96	2	95	589330.49117	589330.58680	-0.09564	0.10000	0.00000	589330.58680	-0.09564	0.2500

3924:	97	2	96	96	1	95	589330.49117	589330.58680	-0.09564	0.10000	0.00000	589330.58680	-0.09564	0.2500
3925:	97	2	96	96	2	95	589330.49117	589330.58680	-0.09564	0.10000	0.00000	589330.58680	-0.09564	0.2500
3926:	97	1	96	96	1	95	589330.49117	589330.58680	-0.09564	0.10000	0.00000	589330.58680	-0.09564	0.2500
3927:	98	0	98	97	1	97	589738.33214	589738.23922	0.09292	0.10000	0.00000	589738.23922	0.09292	0.2500
3928:	98	1	98	97	0	97	589738.33214	589738.23922	0.09292	0.10000	0.00000	589738.23922	0.09292	0.2500
3929:	98	1	98	97	1	97	589738.33214	589738.23922	0.09292	0.10000	0.00000	589738.23922	0.09292	0.2500
3930:	98	0	98	97	0	97	589738.33214	589738.23922	0.09292	0.10000	0.00000	589738.23922	0.09292	0.2500
3931:	47	19	29	46	18	28	589838.06384	589838.08823	-0.02439	0.10000	0.00000	589838.10480	-0.04096	0.5000
3932:	47	19	28	46	18	29	589838.06384	589838.12137	-0.05753	0.10000	0.00000	589838.10480	-0.04096	0.5000
3933:	78	18	60	77	18	59	590492.16938	590492.09613	0.07325	0.10000	0.00000			
3934:	45	20	25	44	19	26	590792.91173	590792.74601	0.16571	0.10000	0.00000	590792.74586	0.16587	0.5000
3935:	45	20	26	44	19	25	590792.91173	590792.74570	0.16602	0.10000	0.00000	590792.74586	0.16587	0.5000
3936:	43	21	23	42	20	22	591347.27004	591347.26941	0.00064	0.10000	0.00000	591347.26941	0.00064	0.5000
3937:	43	21	22	42	20	23	591347.27004	591347.26941	0.00063	0.10000	0.00000	591347.26941	0.00064	0.5000
3938:	29	28	2	28	27	1	591610.91887	591610.95066	-0.03179	0.10000	0.00000	591610.95066	-0.03179	0.5000
3939:	29	28	1	28	27	2	591610.91887	591610.95066	-0.03179	0.10000	0.00000	591610.95066	-0.03179	0.5000
3940:	41	22	19	40	21	20	591652.74175	591652.73264	0.00911	0.10000	0.00000	591652.73264	0.00911	0.5000
3941:	41	22	20	40	21	19	591652.74175	591652.73264	0.00911	0.10000	0.00000	591652.73264	0.00911	0.5000
3942:	31	27	5	30	26	4	591701.44828	591701.35740	0.09088	0.10000	0.00000	591701.35740	0.09088	0.5000
3943:	31	27	4	30	26	5	591701.44828	591701.35740	0.09088	0.10000	0.00000	591701.35740	0.09088	0.5000
3944:	33	26	8	32	25	7	591778.87990	591778.80352	0.07638	0.10000	0.00000	591778.80352	0.07638	0.5000
3945:	33	26	7	32	25	8	591778.87990	591778.80352	0.07638	0.10000	0.00000	591778.80352	0.07638	0.5000
3946:	35	25	11	34	24	10	591833.03417	591833.05542	-0.02124	0.10000	0.00000	591833.05542	-0.02124	0.5000
3947:	35	25	10	34	24	11	591833.03417	591833.05542	-0.02124	0.10000	0.00000	591833.05542	-0.02124	0.5000
3948:	37	24	14	36	23	13	591848.28954	591848.35575	-0.06621	0.10000	0.00000	591848.35575	-0.06621	0.5000
3949:	37	24	13	36	23	14	591848.28954	591848.35575	-0.06621	0.10000	0.00000	591848.35575	-0.06621	0.5000
3950:	88	11	77	87	12	76	591872.74718	591872.73258	0.01459	0.10000	0.00000	591872.73273	0.01445	0.2500
3951:	88	11	77	87	11	76	591872.74718	591872.73278	0.01440	0.10000	0.00000	591872.73273	0.01445	0.2500
3952:	88	12	77	87	12	76	591872.74718	591872.73269	0.01449	0.10000	0.00000	591872.73273	0.01445	0.2500
3953:	88	12	77	87	11	76	591872.74718	591872.73288	0.01430	0.10000	0.00000	591872.73273	0.01445	0.2500
3954:	89	10	79	88	11	78	592062.06775	592062.03226	0.03549	0.10000	0.00000	592062.03227	0.03549	0.2500
3955:	89	11	79	88	10	78	592062.06775	592062.03227	0.03548	0.10000	0.00000	592062.03227	0.03549	0.2500
3956:	89	11	79	88	11	78	592062.06775	592062.03227	0.03549	0.10000	0.00000	592062.03227	0.03549	0.2500
3957:	89	10	79	88	10	78	592062.06775	592062.03227	0.03549	0.10000	0.00000	592062.03227	0.03549	0.2500
3958:	82	27	56	81	27	55	592150.92904	592151.02662	-0.09759	0.10000	0.00000	592151.06239	-0.13335	0.5000
3959:	82	27	55	81	27	54	592150.92904	592151.09815	-0.16912	0.10000	0.00000	592151.06239	-0.13335	0.5000
3960:	90	9	81	89	10	80	592315.57673	592315.54395	0.03278	0.10000	0.00000	592315.54395	0.03278	0.2500
3961:	90	10	81	89	9	80	592315.57673	592315.54395	0.03278	0.10000	0.00000	592315.54395	0.03278	0.2500
3962:	90	10	81	89	10	80	592315.57673	592315.54395	0.03278	0.10000	0.00000	592315.54395	0.03278	0.2500
3963:	90	9	81	89	9	80	592315.57673	592315.54395	0.03278	0.10000	0.00000	592315.54395	0.03278	0.2500
3964:	92	7	85	91	8	84	592950.07956	592950.10107	-0.02151	0.10000	0.00000	592950.10107	-0.02151	0.2500
3965:	92	8	85	91	7	84	592950.07956	592950.10107	-0.02151	0.10000	0.00000	592950.10107	-0.02151	0.2500
3966:	92	8	85	91	8	84	592950.07956	592950.10107	-0.02151	0.10000	0.00000	592950.10107	-0.02151	0.2500
3967:	92	7	85	91	7	84	592950.07956	592950.10107	-0.02151	0.10000	0.00000	592950.10107	-0.02151	0.2500
3968:	93	6	87	92	6	86	593308.96610	593309.35368	-0.38758	0.10000	0.00000	593309.35368	-0.38758	0.2500
3969:	93	6	87	92	7	86	593308.96610	593309.35368	-0.38758	0.10000	0.00000	593309.35368	-0.38758	0.2500
3970:	93	7	87	92	6	86	593308.96610	593309.35368	-0.38758	0.10000	0.00000	593309.35368	-0.38758	0.2500
3971:	93	7	87	92	7	86	593308.96610	593309.35368	-0.38758	0.10000	0.00000	593309.35368	-0.38758	0.2500
3972:	94	5	89	93	6	88	593686.65318	593686.58657	0.06660	0.10000	0.00000	593686.58657	0.06660	0.2500

3973:	94	6	89	93	5	88	593686.65318	593686.58657	0.06660	0.10000	0.00000	593686.58657	0.06660	0.2500
3974:	94	6	89	93	6	88	593686.65318	593686.58657	0.06660	0.10000	0.00000	593686.58657	0.06660	0.2500
3975:	94	5	89	93	5	88	593686.65318	593686.58657	0.06660	0.10000	0.00000	593686.58657	0.06660	0.2500
3976:	95	4	91	94	4	90	594076.42972	594076.52096	-0.09124	0.10000	0.00000	594076.52096	-0.09124	0.2500
3977:	95	4	91	94	5	90	594076.42972	594076.52096	-0.09124	0.10000	0.00000	594076.52096	-0.09124	0.2500
3978:	95	5	91	94	4	90	594076.42972	594076.52096	-0.09124	0.10000	0.00000	594076.52096	-0.09124	0.2500
3979:	95	5	91	94	5	90	594076.42972	594076.52096	-0.09124	0.10000	0.00000	594076.52096	-0.09124	0.2500
3980:	96	3	93	95	4	92	594475.08009	594475.07801	0.00208	0.10000	0.00000	594475.07801	0.00208	0.2500
3981:	96	4	93	95	3	92	594475.08009	594475.07801	0.00208	0.10000	0.00000	594475.07801	0.00208	0.2500
3982:	96	4	93	95	4	92	594475.08009	594475.07801	0.00208	0.10000	0.00000	594475.07801	0.00208	0.2500
3983:	96	3	93	95	3	92	594475.08009	594475.07801	0.00208	0.10000	0.00000	594475.07801	0.00208	0.2500
3984:	98	1	97	97	2	96	595285.95779	595285.98340	-0.02561	0.10000	0.00000	595285.98340	-0.02561	0.2500
3985:	98	2	97	97	1	96	595285.95779	595285.98340	-0.02561	0.10000	0.00000	595285.98340	-0.02561	0.2500
3986:	98	2	97	97	2	96	595285.95779	595285.98340	-0.02561	0.10000	0.00000	595285.98340	-0.02561	0.2500
3987:	98	1	97	97	1	96	595285.95779	595285.98340	-0.02561	0.10000	0.00000	595285.98340	-0.02561	0.2500
3988:	99	0	99	98	0	98	595693.89123	595693.81732	0.07391	0.10000	0.00000	595693.81732	0.07391	0.2500
3989:	99	0	99	98	1	98	595693.89123	595693.81732	0.07391	0.10000	0.00000	595693.81732	0.07391	0.2500
3990:	99	1	99	98	0	98	595693.89123	595693.81732	0.07391	0.10000	0.00000	595693.81732	0.07391	0.2500
3991:	99	1	99	98	1	98	595693.89123	595693.81732	0.07391	0.10000	0.00000	595693.81732	0.07391	0.2500
3992:	83	29	54	82	29	53	597285.83378	597285.75020	-0.11642	0.10000	0.00000	597285.74972	-0.11594	0.5000
3993:	83	29	55	82	29	54	597285.83378	597285.74923	-0.11545	0.10000	0.00000	597285.74972	-0.11594	0.5000
3994:	46	20	27	45	19	27	597626.90398	597626.92235	-0.01837	0.10000	0.00000	597626.92197	-0.01800	0.5000
3995:	46	20	27	45	19	26	597626.90398	597626.92159	-0.01762	0.10000	0.00000	597626.92197	-0.01800	0.5000
3996:	89	11	78	88	12	77	597801.74350	597801.61163	0.13187	0.10000	0.00000	597801.61172	0.13178	0.2500
3997:	89	12	78	88	12	77	597801.74350	597801.61169	0.13181	0.10000	0.00000	597801.61172	0.13178	0.2500
3998:	89	11	78	88	11	77	597801.74350	597801.61174	0.13176	0.10000	0.00000	597801.61172	0.13178	0.2500
3999:	89	12	78	88	11	77	597801.74350	597801.61180	0.13170	0.10000	0.00000	597801.61172	0.13178	0.2500
4000:	86	14	72	85	14	71	597879.68761	597879.95913	-0.27152	0.10000	0.00000	597879.64502	0.04259	0.5000
4001:	86	15	72	85	15	71	597879.68761	597879.95913	0.35670	0.10000	0.00000	597879.64502	0.04259	0.5000
4002:	90	10	80	89	11	79	597999.49773	597999.38635	0.11138	0.10000	0.00000	597999.38636	0.11138	0.2500
4003:	90	11	80	89	11	79	597999.49773	597999.38636	0.11138	0.10000	0.00000	597999.38636	0.11138	0.2500
4004:	90	11	80	89	10	79	597999.49773	597999.38636	0.11137	0.10000	0.00000	597999.38636	0.11138	0.2500
4005:	90	10	80	89	10	79	597999.49773	597999.38636	0.11137	0.10000	0.00000	597999.38636	0.11138	0.2500
4006:	91	9	82	90	9	81	598258.75739	598258.59429	0.16309	0.10000	0.00000	598258.74395	0.01344	0.1667
4007:	91	9	82	90	10	81	598258.75739	598258.59429	0.16309	0.10000	0.00000	598258.74395	0.01344	0.1667
4008:	91	10	82	90	9	81	598258.75739	598258.59429	0.16309	0.10000	0.00000	598258.74395	0.01344	0.1667
4009:	91	10	82	90	10	81	598258.75739	598258.59429	0.16309	0.10000	0.00000	598258.74395	0.01344	0.1667
4010:	44	21	23	43	20	24	598258.75739	598259.04325	-0.28586	0.10000	0.00000	598258.74395	0.01344	0.1667
4011:	44	21	24	43	20	23	598258.75739	598259.04325	-0.28586	0.10000	0.00000	598258.74395	0.01344	0.1667
4012:	85	15	70	84	15	69	598336.43659	598336.31489	0.12170	0.10000	0.00000	598258.74395	0.01344	0.1667
4013:	92	8	84	91	8	83	598562.76201	598562.65763	0.10439	0.10000	0.00000	598562.65763	0.10439	0.2500
4014:	92	8	84	91	9	83	598562.76201	598562.65763	0.10439	0.10000	0.00000	598562.65763	0.10439	0.2500
4015:	92	9	84	91	8	83	598562.76201	598562.65763	0.10439	0.10000	0.00000	598562.65763	0.10439	0.2500
4016:	92	9	84	91	9	83	598562.76201	598562.65763	0.10439	0.10000	0.00000	598562.65763	0.10439	0.2500
4017:	42	22	21	41	21	20	598616.19253	598615.96003	0.23249	0.10000	0.00000	598615.96003	0.23249	0.5000
4018:	42	22	20	41	21	21	598616.19253	598615.96003	0.23249	0.10000	0.00000	598615.96003	0.23249	0.5000
4019:	30	28	3	29	27	2	598664.79363	598664.86277	-0.06914	0.10000	0.00000	598664.86277	-0.06914	0.5000
4020:	30	28	2	29	27	3	598664.79363	598664.86277	-0.06914	0.10000	0.00000	598664.86277	-0.06914	0.5000
4021:	32	27	6	31	26	5	598752.10190	598752.14197	-0.04008	0.10000	0.00000	598752.14197	-0.04008	0.5000

4071:	89	12	77	88	12	76	603605.86513	603605.86154	0.00359	0.10000	0.00000	603605.86117	0.00396	0.2500
4072:	89	13	77	88	12	76	603605.86513	603605.86250	0.00263	0.10000	0.00000	603605.86117	0.00396	0.2500
4073:	90	11	79	89	11	78	603730.48772	603730.55880	-0.07108	0.10000	0.00000	603730.55879	-0.07107	0.2500
4074:	90	12	79	89	11	78	603730.48772	603730.55883	-0.07111	0.10000	0.00000	603730.55879	-0.07107	0.2500
4075:	90	12	79	89	11	78	603730.48772	603730.55877	-0.07105	0.10000	0.00000	603730.55879	-0.07107	0.2500
4076:	90	11	79	89	12	78	603730.48772	603730.55874	-0.07102	0.10000	0.00000	603730.55879	-0.07107	0.2500
4077:	91	11	81	90	10	80	603936.38762	603936.36699	0.02063	0.10000	0.00000	603936.36699	0.02063	0.3333
4078:	91	11	81	90	11	80	603936.38762	603936.36699	0.02063	0.10000	0.00000	603936.36699	0.02063	0.3333
4079:	91	10	81	90	10	80	603936.38762	603936.36699	0.02063	0.10000	0.00000	603936.36699	0.02063	0.3333
4080:	92	9	83	91	9	82	604200.99373	604201.00298	-0.00925	0.10000	0.00000	604201.00298	-0.00925	0.2500
4081:	92	9	83	91	10	82	604200.99373	604201.00298	-0.00925	0.10000	0.00000	604201.00298	-0.00925	0.2500
4082:	92	10	83	91	9	82	604200.99373	604201.00298	-0.00925	0.10000	0.00000	604201.00298	-0.00925	0.2500
4083:	92	10	83	91	10	82	604200.99373	604201.00298	-0.00925	0.10000	0.00000	604201.00298	-0.00925	0.2500
4084:	47	20	27	46	19	28	604437.60151	604437.49881	0.10170	0.10000	0.00000	604437.49892	0.10259	0.5000
4085:	47	20	28	46	19	27	604437.60151	604437.49803	0.10348	0.10000	0.00000	604437.49892	0.10259	0.5000
4086:	93	8	85	92	9	84	604508.71265	604508.75594	-0.04329	0.10000	0.00000	604508.75594	-0.04329	0.2500
4087:	93	9	85	92	8	84	604508.71265	604508.75594	-0.04329	0.10000	0.00000	604508.75594	-0.04329	0.2500
4088:	93	9	85	92	9	84	604508.71265	604508.75594	-0.04329	0.10000	0.00000	604508.75594	-0.04329	0.2500
4089:	93	8	85	92	8	84	604508.71265	604508.75594	-0.04329	0.10000	0.00000	604508.75594	-0.04329	0.2500
4090:	45	21	24	44	20	25	605154.20495	605154.24304	-0.03810	0.10000	0.00000	605154.24304	-0.03809	0.5000
4091:	45	21	25	44	20	24	605154.20495	605154.24303	-0.03809	0.10000	0.00000	605154.24304	-0.03809	0.5000
4092:	95	6	89	94	7	88	605210.92797	605210.94386	-0.01589	0.10000	0.00000	605210.94386	-0.01589	0.2500
4093:	95	7	89	94	6	88	605210.92797	605210.94386	-0.01589	0.10000	0.00000	605210.94386	-0.01589	0.2500
4094:	95	7	89	94	7	88	605210.92797	605210.94386	-0.01589	0.10000	0.00000	605210.94386	-0.01589	0.2500
4095:	95	6	89	94	6	88	605210.92797	605210.94386	-0.01589	0.10000	0.00000	605210.94386	-0.01589	0.2500
4096:	29	29	1	28	28	0	605623.62480	605623.72682	-0.10202	0.10000	0.00000	605623.72682	-0.10202	0.5000
4097:	29	29	0	28	28	1	605623.62480	605623.72682	-0.10202	0.10000	0.00000	605623.72682	-0.10202	0.5000
4098:	31	28	4	30	27	3	605717.10054	605717.35203	-0.25149	0.10000	0.00000	605717.35203	-0.25149	0.5000
4099:	31	28	3	30	27	4	605717.10054	605717.35203	-0.25149	0.10000	0.00000	605717.35203	-0.25149	0.5000
4100:	41	23	18	40	22	19	605787.23475	605787.29274	-0.05799	0.10000	0.00000	605787.29274	-0.05799	0.5000
4101:	86	62	25	85	62	24	605800.75117	605800.79477	-0.04360	0.10000	0.00000	605800.79825	-0.04707	0.2500
4102:	33	27	7	32	26	7	605800.75117	605800.80172	-0.05055	0.10000	0.00000	605800.79825	-0.04707	0.2500
4103:	33	27	7	32	26	6	605800.75117	605800.80172	-0.05055	0.10000	0.00000	605800.79825	-0.04707	0.2500
4104:	86	62	24	85	62	23	605800.75117	605800.79477	-0.04360	0.10000	0.00000	605800.79825	-0.04707	0.2500
4105:	35	26	10	34	25	9	605865.71843	605865.80454	-0.08611	0.10000	0.00000	605865.80454	-0.08611	0.5000
4106:	35	26	9	34	25	10	605865.71843	605865.80454	-0.08611	0.10000	0.00000	605865.80454	-0.08611	0.5000
4107:	39	24	16	38	23	15	605883.14655	605883.23469	-0.08814	0.10000	0.00000	605883.23469	-0.08814	0.5000
4108:	39	24	15	38	23	16	605883.14655	605883.23469	-0.08814	0.10000	0.00000	605883.23469	-0.08814	0.5000
4109:	37	25	12	36	24	13	605899.67770	605899.69016	-0.01247	0.10000	0.00000	605899.69016	-0.01247	0.5000
4110:	97	4	93	96	5	92	605981.94680	605982.00514	-0.05834	0.10000	0.00000	605982.00514	-0.05834	0.2500
4111:	97	5	93	96	4	92	605981.94680	605982.00514	-0.05834	0.10000	0.00000	605982.00514	-0.05834	0.2500
4112:	97	5	93	96	5	92	605981.94680	605982.00514	-0.05834	0.10000	0.00000	605982.00514	-0.05834	0.2500
4113:	97	4	93	96	4	92	605981.94680	605982.00514	-0.05834	0.10000	0.00000	605982.00514	-0.05834	0.2500
4114:	98	3	95	97	4	94	606381.73146	606381.60329	0.12817	0.10000	0.00000	606381.60329	0.12817	0.2500
4115:	98	4	95	97	3	94	606381.73146	606381.60329	0.12817	0.10000	0.00000	606381.60329	0.12817	0.2500
4116:	98	4	95	97	4	94	606381.73146	606381.60329	0.12817	0.10000	0.00000	606381.60329	0.12817	0.2500
4117:	98	3	95	97	3	94	606381.73146	606381.60329	0.12817	0.10000	0.00000	606381.60329	0.12817	0.2500
4118:	99	2	97	98	2	96	606786.28068	606786.29636	-0.01567	0.10000	0.00000	606786.29636	-0.01567	0.2500
4119:	99	2	97	98	3	96	606786.28068	606786.29636	-0.01567	0.10000	0.00000	606786.29636	-0.01567	0.2500

4120:	99	3	97	98	2	96	606786.28068	606786.29636	-0.01567	0.10000	0.00000	606786.29636	-0.01567	0.2500
4121:	99	3	97	98	3	96	606786.28068	606786.29636	-0.01567	0.10000	0.00000	606786.29636	-0.01567	0.2500
4122:	100	1	99	99	2	98	607193.62694	607193.69759	-0.07065	0.10000	0.00000	607193.69759	-0.07065	0.2500
4123:	100	2	99	99	1	98	607193.62694	607193.69759	-0.07065	0.10000	0.00000	607193.69759	-0.07065	0.2500
4124:	100	2	99	99	2	98	607193.62694	607193.69759	-0.07065	0.10000	0.00000	607193.69759	-0.07065	0.2500
4125:	100	1	99	99	1	98	607193.62694	607193.69759	-0.07065	0.10000	0.00000	607193.69759	-0.07065	0.2500
4126:	101	0101100	0100				607601.70502	607601.89854	-0.19351	0.10000	0.00000	607601.89854	-0.19351	0.2500
4127:	101	0101100	1100				607601.70502	607601.89854	-0.19351	0.10000	0.00000	607601.89854	-0.19351	0.2500
4128:	101	1101100	0100				607601.70502	607601.89854	-0.19351	0.10000	0.00000	607601.89854	-0.19351	0.2500
4129:	101	1101100	1100				607601.70502	607601.89854	-0.19351	0.10000	0.00000	607601.89854	-0.19351	0.2500
4130:	94	8	86	93	9	85	610453.85293	610454.02490	-0.17197	0.10000	0.00000	610454.02490	-0.17197	0.2500
4131:	94	9	86	93	8	85	610453.85293	610454.02490	-0.17197	0.10000	0.00000	610454.02490	-0.17197	0.2500
4132:	94	9	86	93	9	85	610453.85293	610454.02490	-0.17197	0.10000	0.00000	610454.02490	-0.17197	0.2500
4133:	94	8	86	93	8	85	610453.85293	610454.02490	-0.17197	0.10000	0.00000	610454.02490	-0.17197	0.2500
4134:	96	6	90	95	7	89	611160.26685	611160.27532	-0.00847	0.10000	0.00000	611160.27532	-0.00847	0.2500
4135:	96	7	90	95	6	89	611160.26685	611160.27532	-0.00847	0.10000	0.00000	611160.27532	-0.00847	0.2500
4136:	96	7	90	95	7	89	611160.26685	611160.27532	-0.00847	0.10000	0.00000	611160.27532	-0.00847	0.2500
4137:	96	6	90	95	6	89	611160.26685	611160.27532	-0.00847	0.10000	0.00000	611160.27532	-0.00847	0.2500
4138:	48	20	29	47	19	28	611222.67872	611222.68770	-0.00898	0.10000	0.00000	611222.68975	-0.01103	0.5000
4139:	48	20	28	47	19	29	611222.67872	611222.69180	-0.01309	0.10000	0.00000	611222.68975	-0.01103	0.5000
4140:	98	4	94	97	5	93	611933.15312	611933.20549	-0.05237	0.10000	0.00000	611933.20549	-0.05237	0.2500
4141:	98	5	94	97	4	93	611933.15312	611933.20549	-0.05237	0.10000	0.00000	611933.20549	-0.05237	0.2500
4142:	98	5	94	97	5	93	611933.15312	611933.20549	-0.05237	0.10000	0.00000	611933.20549	-0.05237	0.2500
4143:	98	4	94	97	4	93	611933.15312	611933.20549	-0.05237	0.10000	0.00000	611933.20549	-0.05237	0.2500
4144:	46	21	26	45	20	25	612031.61617	612031.63644	-0.02027	0.10000	0.00000	612031.63646	-0.02028	0.5000
4145:	46	21	25	45	20	26	612031.61617	612031.63648	-0.02030	0.10000	0.00000	612031.63646	-0.02028	0.5000
4146:	99	3	96	98	3	95	612333.27796	612333.31074	-0.03278	0.10000	0.00000	612333.31074	-0.03278	0.2500
4147:	99	3	96	98	4	95	612333.27796	612333.31074	-0.03278	0.10000	0.00000	612333.31074	-0.03278	0.2500
4148:	99	4	96	98	3	95	612333.27796	612333.31074	-0.03278	0.10000	0.00000	612333.31074	-0.03278	0.2500
4149:	99	4	96	98	4	95	612333.27796	612333.31074	-0.03278	0.10000	0.00000	612333.31074	-0.03278	0.2500
4150:	44	22	23	43	21	22	612505.94199	612505.98595	-0.04396	0.10000	0.00000	612505.98595	-0.04396	0.5000
4151:	44	22	22	43	21	23	612505.94199	612505.98595	-0.04396	0.10000	0.00000	612505.98595	-0.04396	0.5000
4152:	83	18	65	82	18	64	612541.19784	612541.16315	0.03470	0.10000	0.00000	612505.98595	-0.04396	0.5000
4153:	30	29	2	29	28	1	612676.82382	612676.99943	-0.17561	0.10000	0.00000	612676.99943	-0.17561	0.5000
4154:	30	29	1	29	28	2	612676.82382	612676.99943	-0.17561	0.10000	0.00000	612676.99943	-0.17561	0.5000
4155:	100	2	98	99	3	97	612738.38441	612738.34922	0.03518	0.10000	0.00000	612738.34922	0.03519	0.3333
4156:	100	3	98	99	2	97	612738.38441	612738.34922	0.03519	0.10000	0.00000	612738.34922	0.03519	0.3333
4157:	100	3	98	99	3	97	612738.38441	612738.34922	0.03519	0.10000	0.00000	612738.34922	0.03519	0.3333
4158:	34	27	8	33	26	7	612847.28715	612847.07625	0.21090	0.10000	0.00000	612847.07625	0.21090	0.5000
4159:	34	27	7	33	26	8	612847.28715	612847.07625	0.21090	0.10000	0.00000	612847.07625	0.21090	0.5000
4160:	40	24	17	39	23	16	612890.93171	612890.95592	-0.02421	0.10000	0.00000	612890.95592	-0.02421	0.5000
4161:	40	24	16	39	23	17	612890.93171	612890.95592	-0.02421	0.10000	0.00000	612890.95592	-0.02421	0.5000
4162:	36	26	11	35	25	10	612904.32222	612904.35631	-0.03409	0.10000	0.00000	612904.35631	-0.03409	0.5000
4163:	36	26	10	35	25	11	612904.32222	612904.35631	-0.03409	0.10000	0.00000	612904.35631	-0.03409	0.5000
4164:	38	25	13	37	24	14	612926.00455	612926.03203	-0.02748	0.10000	0.00000	612926.03203	-0.02748	0.5000
4165:	38	25	14	37	24	13	612926.00455	612926.03203	-0.02748	0.10000	0.00000	612926.03203	-0.02748	0.5000
4166:	101	1100100	2	99			613146.15378	613145.99435	0.15944	0.10000	0.00000	613145.99435	0.15944	0.2500
4167:	101	2100100	1	99			613146.15378	613145.99435	0.15944	0.10000	0.00000	613145.99435	0.15944	0.2500
4168:	101	2100100	2	99			613146.15378	613145.99435	0.15944	0.10000	0.00000	613145.99435	0.15944	0.2500

4169:	101	1100100	1	99	613146.15378	613145.99435	0.15944	0.10000	0.00000	613145.99435	0.15944	0.2500
4170:	92	11	81	91	11	80	-0.13510	0.10000	0.00000	615588.32800	-0.13510	0.3333
4171:	92	12	81	91	11	80	-0.13511	0.10000	0.00000	615588.32801	-0.13511	0.3333
4172:	92	12	81	91	12	80	-0.13510	0.10000	0.00000	615588.32799	-0.13510	0.3333
4173:	93	10	83	92	10	82	0.04977	0.10000	0.00000	615809.00434	0.04977	0.2500
4174:	93	10	83	92	11	82	0.04977	0.10000	0.00000	615809.00434	0.04977	0.2500
4175:	93	11	83	92	10	82	0.04977	0.10000	0.00000	615809.00434	0.04977	0.2500
4176:	93	11	83	92	11	82	0.04977	0.10000	0.00000	615809.00434	0.04977	0.2500
4177:	94	9	85	93	10	84	-0.11889	0.10000	0.00000	616083.76219	-0.11889	0.2500
4178:	94	10	85	93	9	84	-0.11889	0.10000	0.00000	616083.76219	-0.11889	0.2500
4179:	94	10	85	93	10	84	-0.11889	0.10000	0.00000	616083.76219	-0.11889	0.2500
4180:	94	9	85	93	9	84	-0.11889	0.10000	0.00000	616083.76219	-0.11889	0.2500
4181:	95	8	87	94	8	86	-0.01368	0.10000	0.00000	616398.44187	-0.01368	0.3333
4182:	95	8	87	94	9	86	-0.01368	0.10000	0.00000	616398.44187	-0.01368	0.3333
4183:	95	9	87	94	8	86	-0.01368	0.10000	0.00000	616398.44187	-0.01368	0.3333
4184:	96	7	89	95	8	88	0.08336	0.10000	0.00000	616742.65398	0.08336	0.3333
4185:	96	8	89	95	8	88	0.08336	0.10000	0.00000	616742.65398	0.08336	0.3333
4186:	96	7	89	95	7	88	0.08336	0.10000	0.00000	616742.65398	0.08336	0.3333
4187:	97	6	91	96	7	90	-0.09753	0.10000	0.00000	617108.61227	-0.09753	0.2500
4188:	97	7	91	96	6	90	-0.09753	0.10000	0.00000	617108.61227	-0.09753	0.2500
4189:	97	7	91	96	7	90	-0.09753	0.10000	0.00000	617108.61227	-0.09753	0.2500
4190:	97	6	91	96	6	90	-0.09753	0.10000	0.00000	617108.61227	-0.09753	0.2500
4191:	98	5	93	97	5	92	0.09001	0.10000	0.00000	617490.37950	0.09001	0.2500
4192:	98	5	93	97	6	92	0.09001	0.10000	0.00000	617490.37950	0.09001	0.2500
4193:	98	6	93	97	5	92	0.09001	0.10000	0.00000	617490.37950	0.09001	0.2500
4194:	98	6	93	97	6	92	0.09001	0.10000	0.00000	617490.37950	0.09001	0.2500
4195:	99	4	95	98	5	94	-0.09422	0.10000	0.00000	617883.36296	-0.09422	0.2500
4196:	99	5	95	98	4	94	-0.09422	0.10000	0.00000	617883.36296	-0.09422	0.2500
4197:	99	5	95	98	5	94	-0.09422	0.10000	0.00000	617883.36296	-0.09422	0.2500
4198:	99	4	95	98	4	94	-0.09423	0.10000	0.00000	617883.36296	-0.09423	0.2500
4199:	49	20	29	48	19	30	0.00627	0.10000	0.00000	617980.57644	0.01091	0.5000
4200:	49	20	30	48	19	29	0.01554	0.10000	0.00000	617980.57644	0.01091	0.5000
4201:	101	2	99100	2	98		-0.03915	0.10000	0.00000	618689.34796	-0.03915	0.2500
4202:	101	2	99100	3	98		-0.03915	0.10000	0.00000	618689.34796	-0.03915	0.2500
4203:	101	3	99100	2	98		-0.03915	0.10000	0.00000	618689.34796	-0.03915	0.2500
4204:	101	3	99100	3	98		-0.03915	0.10000	0.00000	618689.34796	-0.03915	0.2500
4205:	47	21	27	46	20	26	-0.17589	0.10000	0.00000	618889.91696	-0.17594	0.5000
4206:	47	21	26	46	20	27	-0.17589	0.10000	0.00000	618889.91696	-0.17594	0.5000
4207:	102	1101101	2100				-0.23886	0.10000	0.00000	619097.23696	-0.23886	0.2500
4208:	102	2101101	1100				-0.23886	0.10000	0.00000	619097.23696	-0.23886	0.2500
4209:	102	2101101	2100				-0.23886	0.10000	0.00000	619097.23696	-0.23886	0.2500
4210:	102	1101101	1100				-0.23886	0.10000	0.00000	619097.23696	-0.23886	0.2500
4211:	45	22	24	44	21	23	0.22845	0.10000	0.00000	619430.93829	0.22845	0.5000
4212:	45	22	23	44	21	24	0.22845	0.10000	0.00000	619430.93829	0.22845	0.5000
4213:	103	0103102	0102				0.09067	0.10000	0.00000	619505.81049	0.09067	0.2500
4214:	103	0103102	1102				0.09067	0.10000	0.00000	619505.81049	0.09067	0.2500
4215:	103	1103102	0102				0.09067	0.10000	0.00000	619505.81049	0.09067	0.2500
4216:	103	1103102	1102				0.09067	0.10000	0.00000	619505.81049	0.09067	0.2500
4217:	31	29	3	30	28	2	0.03541	0.10000	0.00000	619729.02572	0.03541	0.5000

4218:	31	29	2	30	28	3	619729.06113	619729.02572	0.03541	0.10000	0.00000	619729.02572	0.03541	0.5000
4219:	43	23	21	42	22	20	619737.19444	619737.15492	0.03952	0.10000	0.00000	619737.15492	0.03952	0.5000
4220:	43	23	20	42	22	21	619737.19444	619737.15492	0.03952	0.10000	0.00000	619737.15492	0.03952	0.5000
4221:	33	28	5	32	27	6	619817.19269	619817.22719	-0.03451	0.10000	0.00000	619817.22719	-0.03451	0.5000
4222:	33	28	6	32	27	5	619817.19269	619817.22719	-0.03451	0.10000	0.00000	619817.22719	-0.03451	0.5000
4223:	37	26	12	36	25	11	619939.06392	619939.15544	-0.09152	0.10000	0.00000	619939.15544	-0.09152	0.5000
4224:	37	26	11	36	25	12	619939.06392	619939.15544	-0.09152	0.10000	0.00000	619939.15544	-0.09152	0.5000
4225:	39	25	15	38	24	14	619947.12123	619947.15138	-0.03015	0.10000	0.00000	619947.15138	-0.03015	0.5000
4226:	39	25	14	38	24	15	619947.12123	619947.15138	-0.03015	0.10000	0.00000	619947.15138	-0.03015	0.5000
4227:	92	13	80	91	13	79	621359.91893	621360.07332	-0.15439	0.10000	0.00000	621360.07332	-0.15439	0.5000
4228:	92	12	80	91	12	79	621359.91893	621360.07345	-0.15452	0.10000	0.00000	621360.07338	-0.15446	0.2500
4229:	92	13	80	91	12	79	621359.91893	621360.07361	-0.15469	0.10000	0.00000	621360.07338	-0.15446	0.2500
4230:	92	12	80	91	13	79	621359.91893	621360.07316	-0.15423	0.10000	0.00000	621360.07338	-0.15446	0.2500
4231:	93	11	82	92	11	81	621517.06375	621517.00006	0.06369	0.10000	0.00000	621517.00005	0.06369	0.2500
4232:	93	11	82	92	12	81	621517.06375	621517.00005	0.06370	0.10000	0.00000	621517.00005	0.06369	0.2500
4233:	93	12	82	92	11	81	621517.06375	621517.00006	0.06369	0.10000	0.00000	621517.00005	0.06369	0.2500
4234:	93	12	82	92	12	81	621517.06375	621517.00005	0.06369	0.10000	0.00000	621517.00005	0.06369	0.2500
4235:	97	7	90	96	8	89	622688.44162	622688.44060	0.00102	0.10000	0.00000	622688.44060	0.00102	0.2500
4236:	97	8	90	96	7	89	622688.44162	622688.44060	0.00102	0.10000	0.00000	622688.44060	0.00102	0.2500
4237:	97	8	90	96	8	89	622688.44162	622688.44060	0.00102	0.10000	0.00000	622688.44060	0.00102	0.2500
4238:	97	7	90	96	7	89	622688.44162	622688.44060	0.00102	0.10000	0.00000	622688.44060	0.00102	0.2500
4239:	99	5	94	98	5	93	623438.63079	623438.76341	-0.13262	0.10000	0.00000	623438.76341	-0.13262	0.2500
4240:	99	5	94	98	6	93	623438.63079	623438.76341	-0.13262	0.10000	0.00000	623438.76341	-0.13262	0.2500
4241:	99	6	94	98	5	93	623438.63079	623438.76341	-0.13262	0.10000	0.00000	623438.76341	-0.13262	0.2500
4242:	99	6	94	98	6	93	623438.63079	623438.76341	-0.13262	0.10000	0.00000	623438.76341	-0.13262	0.2500
4243:	100	4	96	99	5	95	623832.50931	623832.46633	0.04298	0.10000	0.00000	623832.46633	0.04298	0.2500
4244:	100	5	96	99	4	95	623832.50931	623832.46633	0.04298	0.10000	0.00000	623832.46633	0.04298	0.2500
4245:	100	5	96	99	5	95	623832.50931	623832.46633	0.04298	0.10000	0.00000	623832.46633	0.04298	0.2500
4246:	100	4	96	99	4	95	623832.50931	623832.46633	0.04298	0.10000	0.00000	623832.46633	0.04298	0.2500
4247:	101	3	98	100	3	97	624233.57355	624233.56144	0.01211	0.10000	0.00000	624233.56144	0.01211	0.2500
4248:	101	3	98	100	4	97	624233.57355	624233.56144	0.01211	0.10000	0.00000	624233.56144	0.01211	0.2500
4249:	101	4	98	100	3	97	624233.57355	624233.56144	0.01211	0.10000	0.00000	624233.56144	0.01211	0.2500
4250:	101	4	98	100	4	97	624233.57355	624233.56144	0.01211	0.10000	0.00000	624233.56144	0.01211	0.2500
4251:	102	3	100	101	2	99	624639.26648	624639.28205	-0.01557	0.10000	0.00000	624639.28205	-0.01557	0.3333
4252:	102	3	100	101	3	99	624639.26648	624639.28205	-0.01557	0.10000	0.00000	624639.28205	-0.01557	0.3333
4253:	102	2	100	101	3	99	624639.26648	624639.28205	-0.01557	0.10000	0.00000	624639.28205	-0.01557	0.3333
4254:	103	1	102	102	2	101	625047.41645	625047.41501	0.00144	0.10000	0.00000	625047.41501	0.00144	0.2500
4255:	103	2	102	102	1	101	625047.41645	625047.41501	0.00144	0.10000	0.00000	625047.41501	0.00144	0.2500
4256:	103	2	102	102	2	101	625047.41645	625047.41501	0.00144	0.10000	0.00000	625047.41501	0.00144	0.2500
4257:	103	1	102	102	1	101	625047.41645	625047.41501	0.00144	0.10000	0.00000	625047.41501	0.00144	0.2500
4258:	104	0	104	103	0	103	625456.27288	625456.17701	0.09587	0.10000	0.00000	625456.17701	0.09587	0.2500
4259:	104	0	104	103	1	103	625456.27288	625456.17701	0.09587	0.10000	0.00000	625456.17701	0.09587	0.2500
4260:	104	1	104	103	0	103	625456.27288	625456.17701	0.09587	0.10000	0.00000	625456.17701	0.09587	0.2500
4261:	104	1	104	103	1	103	625456.27288	625456.17701	0.09587	0.10000	0.00000	625456.17701	0.09587	0.2500
4262:	48	21	27	47	20	28	625727.66937	625727.69703	-0.02777	0.10000	0.00000	625727.69703	-0.02766	0.5000
4263:	48	21	27	47	20	27	625727.66937	625727.69693	-0.02756	0.10000	0.00000	625727.69703	-0.02766	0.5000
4264:	46	22	25	45	21	24	626341.26809	626341.20435	0.06374	0.10000	0.00000	626341.20435	0.06374	0.5000
4265:	46	22	24	45	21	25	626341.26809	626341.20436	0.06374	0.10000	0.00000	626341.20435	0.06374	0.5000
4266:	30	30	1	29	29	0	626685.28661	626685.25284	0.03377	0.10000	0.00000	626685.25284	0.03377	0.5000

4267:	30	30	0	29	29	1	626685.28661	626685.25284	0.03377	0.10000	0.00000	626685.25284	0.03377	0.5000
4268:	44	23	22	43	22	21	626696.42319	626696.46370	-0.04051	0.10000	0.00000	626696.46370	-0.04051	0.5000
4269:	44	23	21	43	22	22	626696.42319	626696.46370	-0.04051	0.10000	0.00000	626696.46370	-0.04051	0.5000
4270:	32	29	3	31	28	4	626779.57646	626779.62403	-0.04756	0.10000	0.00000	626779.62403	-0.04756	0.5000
4271:	32	29	4	31	28	3	626779.57646	626779.62403	-0.04756	0.10000	0.00000	626779.62403	-0.04756	0.5000
4272:	34	28	7	33	27	6	626864.09938	626864.16697	-0.06759	0.10000	0.00000	626864.16697	-0.06759	0.5000
4273:	34	28	6	33	27	7	626864.09938	626864.16697	-0.06759	0.10000	0.00000	626864.16697	-0.06759	0.5000
4274:	42	24	19	41	23	18	626884.21504	626884.20049	0.01454	0.10000	0.00000	626884.20049	0.01454	0.5000
4275:	42	24	18	41	23	19	626884.21504	626884.20049	0.01454	0.10000	0.00000	626884.20049	0.01454	0.5000
4276:	36	27	10	35	26	9	626931.36907	626931.36182	0.00725	0.10000	0.00000	626931.36182	0.00725	0.5000
4277:	36	27	9	35	26	10	626931.36907	626931.36182	0.00725	0.10000	0.00000	626931.36182	0.00725	0.5000
4278:	40	25	15	39	24	16	626962.54888	626962.59474	-0.04586	0.10000	0.00000	626962.59474	-0.04586	0.5000
4279:	40	25	16	39	24	15	626962.54888	626962.59474	-0.04586	0.10000	0.00000	626962.59474	-0.04586	0.5000
4280:	38	26	13	37	25	12	626969.91532	626969.84202	0.07330	0.10000	0.00000	626969.84202	0.07330	0.5000
4281:	38	26	12	37	25	13	626969.91532	626969.84202	0.07330	0.10000	0.00000	626969.84202	0.07330	0.5000
4282:	49	21	28	48	20	29	632543.47856	632543.50075	-0.02219	0.10000	0.00000	632543.50075	-0.02219	0.5000
4283:	49	21	29	48	20	28	632543.47856	632543.50027	-0.02170	0.10000	0.00000	632543.50051	-0.02195	0.5000
4284:	47	22	26	46	21	25	633235.74285	633235.73303	0.00982	0.10000	0.00000	633235.73303	-0.02195	0.5000
4285:	45	23	23	44	22	22	633644.36943	633644.32388	0.04555	0.10000	0.00000	633644.32388	0.04555	0.5000
4286:	45	23	22	44	22	23	633644.36943	633644.32388	0.04555	0.10000	0.00000	633644.32388	0.04555	0.5000
4287:	31	30	1	30	29	2	633736.52249	633736.58846	-0.06597	0.10000	0.00000	633736.58846	-0.06597	0.5000
4288:	31	30	2	30	29	1	633736.52249	633736.58846	-0.06597	0.10000	0.00000	633736.58846	-0.06597	0.5000
4289:	33	29	5	32	28	4	633828.53017	633828.60248	-0.07231	0.10000	0.00000	633828.60248	-0.07231	0.5000
4290:	33	29	4	32	28	5	633828.53017	633828.60248	-0.07231	0.10000	0.00000	633828.60248	-0.07231	0.5000
4291:	43	24	20	42	23	19	633868.57599	633868.54301	0.03298	0.10000	0.00000	633868.54301	0.03298	0.5000
4292:	43	24	19	42	23	20	633868.57599	633868.54301	0.03298	0.10000	0.00000	633868.54301	0.03298	0.5000
4293:	35	28	8	34	27	7	633908.79136	633908.79141	-0.00005	0.10000	0.00000	633908.79141	-0.00005	0.5000
4294:	35	28	7	34	27	8	633908.79136	633908.79141	-0.00005	0.10000	0.00000	633908.79141	-0.00005	0.5000
4295:	37	27	11	36	26	10	633968.78281	633968.78527	-0.00246	0.10000	0.00000	633968.78527	-0.00246	0.5000
4296:	37	27	10	36	26	11	633968.78281	633968.78527	-0.00246	0.10000	0.00000	633968.78527	-0.00246	0.5000
4297:	41	25	16	40	24	17	633971.94426	633971.88844	0.05582	0.10000	0.00000	633971.88844	0.05582	0.5000
4298:	41	25	17	40	24	16	633971.94426	633971.88844	0.05582	0.10000	0.00000	633971.88844	0.05582	0.5000
4299:	39	26	14	38	25	13	633996.03768	633996.03987	-0.00219	0.10000	0.00000	633996.03987	-0.00219	0.5000
4300:	39	26	13	38	25	14	633996.03768	633996.03987	-0.00219	0.10000	0.00000	633996.03987	-0.00219	0.5000
4301:	103	3100102	4	99			636129.72845	636129.52159	0.20685	0.10000	0.00000	636129.52159	0.20685	0.2500
4302:	103	4100102	3	99			636129.72845	636129.52159	0.20685	0.10000	0.00000	636129.52159	0.20685	0.2500
4303:	103	4100102	4	99			636129.72845	636129.52159	0.20685	0.10000	0.00000	636129.52159	0.20685	0.2500
4304:	103	3100102	3	99			636129.72845	636129.52159	0.20685	0.10000	0.00000	636129.52159	0.20685	0.2500
4305:	50	21	29	49	20	30	639335.68215	639335.75439	-0.07224	0.10000	0.00000	639335.75383	-0.07168	0.5000
4306:	50	21	30	49	20	29	639335.68215	639335.75327	-0.07112	0.10000	0.00000	639335.75383	-0.07168	0.5000
4307:	46	23	24	45	22	24	640580.03489	640579.91262	0.12227	0.10000	0.00000	640579.91262	0.12227	0.5000
4308:	46	23	24	45	22	23	640580.03489	640579.91262	0.12227	0.10000	0.00000	640579.91262	0.12227	0.5000
4309:	32	30	3	31	29	2	640786.61431	640786.65789	-0.04358	0.10000	0.00000	640786.65789	-0.04358	0.5000
4310:	32	30	2	31	29	3	640786.61431	640786.65789	-0.04358	0.10000	0.00000	640786.65789	-0.04358	0.5000
4311:	34	29	6	33	28	5	640875.47105	640875.75892	-0.28787	0.10000	0.00000	640875.75892	-0.28787	0.5000
4312:	34	29	5	33	28	6	640875.47105	640875.75892	-0.28787	0.10000	0.00000	640875.75892	-0.28787	0.5000
4313:	36	28	9	35	27	8	640950.79488	640950.84822	-0.05334	0.10000	0.00000	640950.84822	-0.05334	0.5000
4314:	36	28	8	35	27	9	640950.79488	640950.84822	-0.05334	0.10000	0.00000	640950.84822	-0.05334	0.5000
4315:	42	25	17	41	24	18	640974.56060	640974.53798	0.02262	0.10000	0.00000	640974.53798	0.02262	0.5000

4316:	42	25	18	41	24	17	640974.56060	640974.53798	0.02262	0.10000	0.00000	640974.53798	0.02262	0.5000
4317:	38	27	12	37	26	11	641002.56369	641002.64788	-0.08420	0.10000	0.00000	641002.64788	-0.08420	0.5000
4318:	38	27	11	37	26	12	641002.56369	641002.64788	-0.08420	0.10000	0.00000	641002.64788	-0.08420	0.5000
4319:	40	26	15	39	25	14	641017.38139	641017.35615	0.02524	0.10000	0.00000	641017.35615	0.02524	0.5000
4320:	40	26	14	39	25	15	641017.38139	641017.35615	0.02524	0.10000	0.00000	641017.35615	0.02524	0.5000
4321:	97	11	86	96	12	85	645228.79346	645228.74626	0.04719	0.10000	0.00000	645228.74627	0.04719	0.2500
4322:	97	12	86	96	11	85	645228.79346	645228.74627	0.04719	0.10000	0.00000	645228.74627	0.04719	0.2500
4323:	97	12	86	96	12	85	645228.79346	645228.74627	0.04719	0.10000	0.00000	645228.74627	0.04719	0.2500
4324:	97	11	86	96	11	85	645228.79346	645228.74627	0.04719	0.10000	0.00000	645228.74627	0.04719	0.2500
4325:	51	21	31	50	20	30	646102.65663	646102.77469	-0.11806	0.10000	0.00000	646102.77597	-0.11934	0.5000
4326:	51	21	30	50	20	31	646102.65663	646102.77726	-0.12063	0.10000	0.00000	646102.77597	-0.11934	0.5000
4327:	100	8	92	99	9	91	646106.79505	646107.00788	-0.21284	0.10000	0.00000	646107.00788	-0.21284	0.3333
4328:	100	9	92	99	8	91	646106.79505	646107.00788	-0.21284	0.10000	0.00000	646107.00788	-0.21284	0.3333
4329:	100	8	92	99	8	91	646106.79505	646107.00788	-0.21284	0.10000	0.00000	646107.00788	-0.21284	0.3333
4330:	47	23	25	46	22	24	647502.35082	647502.36614	-0.01532	0.10000	0.00000	647502.36614	-0.01532	0.5000
4331:	47	23	24	46	22	25	647502.35082	647502.36614	-0.01532	0.10000	0.00000	647502.36614	-0.01532	0.5000
4332:	31	31	1	30	30	0	647740.12738	647740.16730	-0.03992	0.10000	0.00000	647740.16730	-0.03992	0.5000
4333:	31	31	0	30	30	1	647740.12738	647740.16730	-0.03992	0.10000	0.00000	647740.16730	-0.03992	0.5000
4334:	45	24	21	44	23	22	647809.46912	647809.51213	-0.04301	0.10000	0.00000	647809.50582	-0.03670	0.3333
4335:	45	24	22	44	23	21	647809.46912	647809.51213	-0.04301	0.10000	0.00000	647809.50582	-0.03670	0.3333
4336:	90	18	72	89	18	71	647809.46912	647809.49320	-0.02408	0.10000	0.00000	647809.50582	-0.03670	0.3333
4337:	33	30	4	32	29	3	647835.25285	647835.29090	-0.03805	0.10000	0.00000	647835.29090	-0.03805	0.5000
4338:	33	30	3	32	29	4	647835.25285	647835.29090	-0.03805	0.10000	0.00000	647835.29090	-0.03805	0.5000
4339:	35	29	7	34	28	6	647920.86609	647920.88085	-0.01476	0.10000	0.00000	647920.88085	-0.01476	0.5000
4340:	35	29	6	34	28	7	647920.86609	647920.88085	-0.01476	0.10000	0.00000	647920.88085	-0.01476	0.5000
4341:	43	25	19	42	24	18	647970.10485	647970.02723	0.07762	0.10000	0.00000	647970.02723	0.07762	0.5000
4342:	43	25	18	42	24	19	647970.10485	647970.02723	0.07762	0.10000	0.00000	647970.02723	0.07762	0.5000
4343:	37	28	9	36	27	10	647989.97879	647990.07317	-0.09438	0.10000	0.00000	647990.07317	-0.09438	0.5000
4344:	37	28	10	36	27	9	647989.97879	647990.07317	-0.09438	0.10000	0.00000	647990.07317	-0.09438	0.5000
4345:	39	27	13	38	26	12	648032.94910	648032.62122	0.32788	0.10000	0.00000	648033.00108	-0.05198	0.2500
4346:	41	26	15	40	25	16	648032.94910	648033.38094	-0.43184	0.10000	0.00000	648033.00108	-0.05198	0.2500
4347:	41	26	16	40	25	15	648032.94910	648033.38094	-0.43184	0.10000	0.00000	648033.00108	-0.05198	0.2500
4348:	39	27	12	38	26	13	648032.94910	648032.62122	0.32788	0.10000	0.00000	648033.00108	-0.05198	0.2500
4349:	86	21	65	85	21	64	652839.78333	652840.21179	-0.42846	0.10000	0.00000	648033.00108	-0.05198	0.2500
4350:	52	21	31	51	20	32	652842.89162	652842.76975	0.12188	0.10000	0.00000	652842.76687	0.12475	0.5000
4351:	52	21	32	51	20	31	652842.89162	652842.76400	0.12762	0.10000	0.00000	652842.76687	0.12475	0.5000
4352:	48	23	25	47	22	26	654410.82342	654410.77702	0.04640	0.10000	0.00000	654410.77702	0.04640	0.5000
4353:	48	23	26	47	22	25	654410.82342	654410.77702	0.04640	0.10000	0.00000	654410.77702	0.04640	0.5000
4354:	32	31	2	31	30	1	654789.41787	654789.49667	-0.07881	0.10000	0.00000	654789.49667	-0.07881	0.5000
4355:	32	31	1	31	30	2	654789.41787	654789.49667	-0.07881	0.10000	0.00000	654789.49667	-0.07881	0.5000
4356:	34	30	5	33	29	4	654882.23891	654882.30806	-0.06915	0.10000	0.00000	654882.30806	-0.06915	0.5000
4357:	34	30	4	33	29	5	654882.23891	654882.30806	-0.06915	0.10000	0.00000	654882.30806	-0.06915	0.5000
4358:	44	25	20	43	24	19	654957.81992	654957.81761	0.00232	0.10000	0.00000	654957.81761	0.00232	0.5000
4359:	44	25	19	43	24	20	654957.81992	654957.81761	0.00232	0.10000	0.00000	654957.81761	0.00232	0.5000
4360:	36	29	8	35	28	7	654963.69370	654963.74528	-0.05158	0.10000	0.00000	654963.74528	-0.05158	0.5000
4361:	36	29	7	35	28	8	654963.69370	654963.74528	-0.05158	0.10000	0.00000	654963.74528	-0.05158	0.5000
4362:	38	28	10	37	27	11	655026.14210	655026.18995	-0.04784	0.10000	0.00000	655026.18995	-0.04784	0.5000
4363:	38	28	11	37	27	10	655026.14210	655026.18995	-0.04784	0.10000	0.00000	655026.18995	-0.04784	0.5000
4364:	42	26	17	41	25	16	655043.95205	655043.68676	0.26530	0.10000	0.00000	655043.68676	0.26530	0.5000

4365:	42	26	16	41	25	17	655043.95205	655043.68676	0.26530	0.10000	0.00000	655043.68676	0.26530	0.5000
4366:	40	27	14	39	26	13	655058.28180	655058.36247	-0.08067	0.10000	0.00000	655058.36247	-0.08067	0.5000
4367:	40	27	13	39	26	14	655058.28180	655058.36247	-0.08067	0.10000	0.00000	655058.36247	-0.08067	0.5000
4368:	49	23	27	48	22	26	661304.11382	661304.19110	-0.07728	0.10000	0.00000	661304.19110	-0.07728	0.5000
4369:	49	23	26	48	22	27	661304.11382	661304.19110	-0.07728	0.10000	0.00000	661304.19110	-0.07728	0.5000
4370:	47	24	24	46	23	23	661708.95621	661708.97507	-0.01887	0.10000	0.00000	661708.97507	-0.01887	0.5000
4371:	47	24	23	46	23	24	661708.95621	661708.97507	-0.01887	0.10000	0.00000	661708.97507	-0.01887	0.5000
4372:	33	31	2	32	30	3	661837.47879	661837.53829	-0.05949	0.10000	0.00000	661837.53829	-0.05949	0.5000
4373:	33	31	3	32	30	2	661837.47879	661837.53829	-0.05949	0.10000	0.00000	661837.53829	-0.05949	0.5000
4374:	35	30	6	34	29	5	661927.50353	661927.52069	-0.01716	0.10000	0.00000	661927.52069	-0.01716	0.5000
4375:	35	30	5	34	29	6	661927.50353	661927.52069	-0.01716	0.10000	0.00000	661927.52069	-0.01716	0.5000
4376:	45	25	21	44	24	20	661937.36609	661937.34717	0.01892	0.10000	0.00000	661937.34717	0.01892	0.5000
4377:	45	25	20	44	24	21	661937.36609	661937.34717	0.01892	0.10000	0.00000	661937.34717	0.01892	0.5000
4378:	37	29	9	36	28	8	662004.05443	662004.11869	-0.06427	0.10000	0.00000	662004.11869	-0.06427	0.5000
4379:	37	29	8	36	28	9	662004.05443	662004.11869	-0.06427	0.10000	0.00000	662004.11869	-0.06427	0.5000
4380:	43	26	18	42	25	17	662047.71406	662047.82802	-0.11396	0.10000	0.00000	662047.82802	-0.11396	0.5000
4381:	43	26	17	42	25	18	662047.71406	662047.82802	-0.11396	0.10000	0.00000	662047.82802	-0.11396	0.5000
4382:	39	28	11	38	27	12	662058.82980	662058.90994	-0.08014	0.10000	0.00000	662058.90994	-0.08014	0.5000
4383:	39	28	12	38	27	11	662058.82980	662058.90994	-0.08014	0.10000	0.00000	662058.90994	-0.08014	0.5000
4384:	41	27	15	40	26	14	662079.71956	662079.51418	0.20538	0.10000	0.00000	662079.51418	0.20538	0.5000
4385:	41	27	14	40	26	15	662079.71956	662079.51418	0.20538	0.10000	0.00000	662079.51418	0.20538	0.5000
4386:	54	21	33	53	20	34	666233.83758	666233.79073	0.04685	0.10000	0.00000	666233.79073	0.04685	0.5000
4387:	54	21	34	53	20	33	666233.83758	666233.76357	0.07402	0.10000	0.00000	666233.77715	0.06043	0.5000
4388:	52	22	30	51	21	31	667431.15721	667431.16199	-0.00478	0.10000	0.00000	667431.16184	-0.00463	0.5000
4389:	52	22	31	51	21	30	667431.15721	667431.16169	-0.00447	0.10000	0.00000	667431.16184	-0.00463	0.5000
4390:	32	32	0	31	31	1	668788.26613	668788.24948	0.01664	0.10000	0.00000	668788.24948	0.01664	0.5000
4391:	32	32	1	31	31	0	668788.26613	668788.24948	0.01664	0.10000	0.00000	668788.24948	0.01664	0.5000
4392:	34	31	4	33	30	3	668884.06709	668884.13217	-0.06508	0.10000	0.00000	668884.13217	-0.06508	0.5000
4393:	34	31	3	33	30	4	668884.06709	668884.13217	-0.06508	0.10000	0.00000	668884.13217	-0.06508	0.5000
4394:	46	25	22	45	24	21	668908.12334	668908.02956	0.09378	0.10000	0.00000	668908.02956	0.09378	0.5000
4395:	46	25	21	45	24	22	668908.12334	668908.02956	0.09378	0.10000	0.00000	668908.02956	0.09378	0.5000
4396:	36	30	7	35	29	6	668970.69724	668970.73078	-0.03353	0.10000	0.00000	668970.73078	-0.03353	0.5000
4397:	36	30	6	35	29	7	668970.69724	668970.73078	-0.03353	0.10000	0.00000	668970.73078	-0.03353	0.5000
4398:	38	29	10	37	28	9	669041.71856	669041.75689	-0.03832	0.10000	0.00000	669041.75689	-0.03832	0.5000
4399:	38	29	9	37	28	10	669041.71856	669041.75689	-0.03832	0.10000	0.00000	669041.75689	-0.03832	0.5000
4400:	44	26	18	43	25	19	669045.27572	669045.34046	-0.06474	0.10000	0.00000	669045.34046	-0.06474	0.5000
4401:	44	26	19	43	25	18	669045.27572	669045.34046	-0.06474	0.10000	0.00000	669045.34046	-0.06474	0.5000
4402:	40	28	13	39	27	12	669087.93778	669087.93208	0.00569	0.10000	0.00000	669087.93208	0.00569	0.5000
4403:	40	28	12	39	27	13	669087.93778	669087.93208	0.00569	0.10000	0.00000	669087.93208	0.00569	0.5000
4404:	42	27	16	41	26	15	669095.59328	669095.70391	-0.11063	0.10000	0.00000	669095.70391	-0.11063	0.5000
4405:	42	27	15	41	26	16	669095.59328	669095.70391	-0.11063	0.10000	0.00000	669095.70391	-0.11063	0.5000
4406:	33	32	2	32	31	1	675835.31700	675835.50318	-0.18617	0.10000	0.00000	675835.50318	-0.18617	0.5000
4407:	33	32	1	32	31	2	675835.31700	675835.50318	-0.18617	0.10000	0.00000	675835.50318	-0.18617	0.5000
4408:	35	31	5	34	30	4	675929.29542	675929.11002	0.18540	0.10000	0.00000	675929.11002	0.18540	0.5000
4409:	35	31	4	34	30	5	675929.29542	675929.11002	0.18540	0.10000	0.00000	675929.11002	0.18540	0.5000
4410:	37	30	7	36	29	8	676011.87289	676011.73088	0.14201	0.10000	0.00000	676011.73088	0.14201	0.5000
4411:	37	30	8	36	29	7	676011.87289	676011.73088	0.14201	0.10000	0.00000	676011.73088	0.14201	0.5000
4412:	45	26	20	44	25	19	676035.82602	676035.74043	0.08559	0.10000	0.00000	676035.74043	0.08559	0.5000
4413:	45	26	19	44	25	20	676035.82602	676035.74043	0.08559	0.10000	0.00000	676035.74043	0.08559	0.5000

4414:	39	29	11	38	28	10	676076.48822	676076.40484	0.08338	0.10000	0.00000	676076.40484	0.08338	0.5000
4415:	39	29	10	38	28	11	676076.48822	676076.40484	0.08338	0.10000	0.00000	676076.40484	0.08338	0.5000
4416:	56	21	35	55	20	36	679491.41845	679491.49850	-0.08005	0.10000	0.00000	679491.43882	-0.02036	0.5000
4417:	56	21	36	55	20	35	679491.41845	679491.37913	0.00392	0.10000	0.00000	679491.43882	-0.02036	0.5000
4418:	54	22	32	53	21	33	680954.89504	680954.91349	-0.01845	0.10000	0.00000	680954.91269	-0.01765	0.5000
4419:	54	22	33	53	21	32	680954.89504	680954.91189	-0.01685	0.10000	0.00000	680954.91269	-0.01765	0.5000
4420:	34	32	2	33	31	3	682881.34382	682881.44604	-0.10223	0.10000	0.00000	682881.44604	-0.10223	0.5000
4421:	34	32	3	33	31	2	682881.34382	682881.44604	-0.10223	0.10000	0.00000	682881.44604	-0.10223	0.5000
4422:	33	33	1	32	32	0	689829.05164	689829.27892	-0.22728	0.10000	0.00000	689829.27892	-0.22728	0.5000
4423:	33	33	0	32	32	1	689829.05164	689829.27892	-0.22728	0.10000	0.00000	689829.27892	-0.22728	0.5000
4424:	35	32	4	34	31	3	689926.20438	689925.92734	0.27704	0.10000	0.00000	689925.92734	0.27704	0.5000
4425:	35	32	3	34	31	4	689926.20438	689925.92734	0.27704	0.10000	0.00000	689925.92734	0.27704	0.5000
4426:	37	31	7	36	30	6	690013.17215	690013.50261	-0.33045	0.10000	0.00000	690013.50261	-0.33045	0.5000
4427:	37	31	6	36	30	7	690013.17215	690013.50261	-0.33045	0.10000	0.00000	690013.50261	-0.33045	0.5000
4428:	39	30	9	38	29	10	690086.56951	690086.22392	0.34559	0.10000	0.00000	690086.22392	0.34559	0.5000
4429:	39	30	10	38	29	9	690086.56951	690086.22392	0.34559	0.10000	0.00000	690086.22392	0.34559	0.5000
4430:	45	27	19	44	26	18	690110.48004	690110.54316	-0.06312	0.10000	0.00000	690110.54316	-0.06312	0.5000
4431:	45	27	18	44	26	19	690110.48004	690110.54316	-0.06312	0.10000	0.00000	690110.54316	-0.06312	0.5000
4432:	43	28	16	42	27	15	690149.43870	690149.60831	-0.16961	0.10000	0.00000	690149.60831	-0.16961	0.5000
4433:	43	28	15	42	27	16	690149.43870	690149.60831	-0.16961	0.10000	0.00000	690149.60831	-0.16961	0.5000
4434:	54	23	31	53	22	32	695509.42432	695509.17410	0.25022	0.10000	0.00000	695509.17406	0.25026	0.5000
4435:	54	23	32	53	22	31	695509.42432	695509.17402	0.25030	0.10000	0.00000	695509.17406	0.25026	0.5000
4436:	52	24	29	51	23	28	696235.72776	696235.79378	-0.06602	0.10000	0.00000	696235.79378	-0.06602	0.5000
4437:	52	24	28	51	23	29	696235.72776	696235.79378	-0.06602	0.10000	0.00000	696235.79378	-0.06602	0.5000
4438:	50	25	25	49	24	26	696889.66511	696889.63857	0.02655	0.10000	0.00000	696889.63857	0.02655	0.5000
4439:	50	25	26	49	24	25	696889.66511	696889.63857	0.02655	0.10000	0.00000	696889.63857	0.02655	0.5000
4440:	34	33	2	33	32	1	696874.14566	696874.38730	-0.24164	0.10000	0.00000	696874.38730	-0.24164	0.5000
4441:	34	33	1	33	32	2	696874.14566	696874.38730	-0.24164	0.10000	0.00000	696874.38730	-0.24164	0.5000
4442:	48	26	23	47	25	22	696958.97438	696959.12300	-0.14862	0.10000	0.00000	696959.12300	-0.14862	0.5000
4443:	48	26	22	47	25	23	696958.97438	696959.12300	-0.14862	0.10000	0.00000	696959.12300	-0.14862	0.5000
4444:	38	31	8	37	30	7	697052.45409	697052.53866	-0.08456	0.10000	0.00000	697052.53866	-0.08456	0.5000
4445:	38	31	7	37	30	8	697052.45409	697052.53866	-0.08456	0.10000	0.00000	697052.53866	-0.08456	0.5000
4446:	46	27	20	45	26	19	697104.47136	697102.84589	1.62547	0.10000	0.00000	697102.84589	1.62547	0.5000
4447:	46	27	19	45	26	20	697104.47136	697102.84589	1.62547	0.10000	0.00000	697102.84589	1.62547	0.5000
4448:	40	30	10	39	29	11	697119.04575	697119.25412	-0.20837	0.10000	0.00000	697119.25412	-0.20837	0.5000
4449:	40	30	11	39	29	10	697119.04575	697119.25412	-0.20837	0.10000	0.00000	697119.25412	-0.20837	0.5000
4450:	53	24	30	52	23	29	703096.63721	703096.22741	0.40980	0.10000	0.00000	703096.22741	0.40980	0.5000
4451:	53	24	29	52	23	30	703096.63721	703096.22741	0.40980	0.10000	0.00000	703096.22741	0.40980	0.5000
4452:	51	25	27	50	24	26	703606.43642	703606.34826	0.08815	0.10000	0.00000	703606.34826	0.08815	0.5000
4453:	51	25	26	50	24	27	703606.43642	703606.34826	0.08815	0.10000	0.00000	703606.34826	0.08815	0.5000
4454:	37	32	6	36	31	5	704009.88283	704009.86450	0.01833	0.10000	0.00000	704009.86450	0.01833	0.5000
4455:	37	32	5	36	31	6	704009.88283	704009.86450	0.01833	0.10000	0.00000	704009.86450	0.01833	0.5000
4456:	105	13	92	104	13	91	704010.05897	704009.93729	0.12167	0.10000	0.00000	704009.93729	0.12167	0.2500
4457:	105	13	92	104	14	91	704010.05897	704009.93729	0.12167	0.10000	0.00000	704009.93729	0.12167	0.2500
4458:	105	14	92	104	13	91	704010.05897	704009.93729	0.12167	0.10000	0.00000	704009.93729	0.12167	0.2500
4459:	105	14	92	104	14	91	704010.05897	704009.93729	0.12167	0.10000	0.00000	704009.93729	0.12167	0.2500
4460:	45	28	18	44	27	17	704166.02685	704166.13216	-0.10531	0.10000	0.00000	704166.13216	-0.10531	0.5000
4461:	45	28	17	44	27	18	704166.02685	704166.13216	-0.10531	0.10000	0.00000	704166.13216	-0.10531	0.5000
4462:	43	29	15	42	28	14	704179.72905	704179.60645	0.12261	0.10000	0.00000	704179.60645	0.12261	0.5000

4463:	43	29	14	42	28	15	704179.72905	704179.60645	0.12261	0.10000	0.00000	704179.60645	0.12261	0.5000
4464:	56	23	33	55	22	34	709046.61937	709046.41986	0.19950	0.10000	0.00000	709046.41964	0.19972	0.5000
4465:	56	23	34	55	22	33	709046.61937	709046.41942	0.19994	0.10000	0.00000	709046.41964	0.19972	0.5000
4466:	50	26	24	49	25	25	710862.58331	710862.67241	-0.08910	0.10000	0.00000	710862.67241	-0.08910	0.5000
4467:	50	26	25	49	25	24	710862.58331	710862.67241	-0.08910	0.10000	0.00000	710862.67241	-0.08910	0.5000
4468:	34	34	1	33	33	0	710862.82683	710863.03538	-0.20854	0.10000	0.00000	710863.03538	-0.20854	0.5000
4469:	34	34	0	33	33	1	710862.82683	710863.03538	-0.20854	0.10000	0.00000	710863.03538	-0.20854	0.5000
4470:	36	33	4	35	32	3	710960.41755	710960.45596	-0.03841	0.10000	0.00000	710960.45596	-0.03841	0.5000
4471:	36	33	3	35	32	4	710960.41755	710960.45596	-0.03841	0.10000	0.00000	710960.45596	-0.03841	0.5000
4472:	38	32	7	37	31	6	711048.73181	711048.98098	-0.24917	0.10000	0.00000	711048.98098	-0.24917	0.5000
4473:	38	32	6	37	31	7	711048.73181	711048.98098	-0.24917	0.10000	0.00000	711048.98098	-0.24917	0.5000
4474:	48	27	22	47	26	21	711065.73677	711065.78588	-0.04912	0.10000	0.00000	711065.78588	-0.04912	0.5000
4475:	48	27	21	47	26	22	711065.73677	711065.78588	-0.04912	0.10000	0.00000	711065.78588	-0.04912	0.5000
4476:	40	31	9	39	30	10	711123.39110	711123.27943	0.11167	0.10000	0.00000	711123.27943	0.11167	0.5000
4477:	40	31	10	39	30	9	711123.39110	711123.27943	0.11167	0.10000	0.00000	711123.27943	0.11167	0.5000
4478:	46	28	19	45	27	18	711165.83339	711165.91307	-0.07967	0.10000	0.00000	711165.91307	-0.07967	0.5000
4479:	46	28	18	45	27	19	711165.83339	711165.91307	-0.07967	0.10000	0.00000	711165.91307	-0.07967	0.5000
4480:	42	30	13	41	29	12	711175.70035	711175.65144	0.04890	0.10000	0.00000	711175.65144	0.04890	0.5000
4481:	42	30	12	41	29	13	711175.70035	711175.65144	0.04890	0.10000	0.00000	711175.65144	0.04890	0.5000
4482:	44	29	16	43	28	15	711195.13206	711195.08781	0.04425	0.10000	0.00000	711195.08781	0.04425	0.5000
4483:	44	29	15	43	28	16	711195.13206	711195.08781	0.04425	0.10000	0.00000	711195.08781	0.04425	0.5000
4484:	55	24	31	54	23	32	716764.51520	716764.36354	0.15166	0.10000	0.00000	716764.36354	0.15166	0.5000
4485:	55	24	32	54	23	31	716764.51520	716764.36354	0.15166	0.10000	0.00000	716764.36354	0.15166	0.5000
4486:	53	25	29	52	24	28	717400.08271	717400.11665	-0.03394	0.10000	0.00000	717400.11665	-0.03394	0.5000
4487:	53	25	28	52	24	29	717400.08271	717400.11665	-0.03394	0.10000	0.00000	717400.11665	-0.03394	0.5000
4488:	35	34	2	34	33	1	717905.94769	717905.92857	0.01912	0.10000	0.00000	717905.92857	0.01912	0.5000
4489:	35	34	1	34	33	2	717905.94769	717905.92857	0.01912	0.10000	0.00000	717905.92857	0.01912	0.5000
4490:	37	33	5	36	32	4	718001.16251	718001.12460	0.03791	0.10000	0.00000	718001.12460	0.03791	0.5000
4491:	37	33	4	36	32	5	718001.16251	718001.12460	0.03791	0.10000	0.00000	718001.12460	0.03791	0.5000
4492:	49	27	23	48	26	22	718035.59835	718035.45993	0.13842	0.10000	0.00000	718035.45993	0.13842	0.5000
4493:	49	27	22	48	26	23	718035.59835	718035.45993	0.13842	0.10000	0.00000	718035.45993	0.13842	0.5000
4494:	39	32	7	38	31	8	718085.99478	718085.95701	0.03777	0.10000	0.00000	718085.95701	0.03777	0.5000
4495:	39	32	8	38	31	7	718085.99478	718085.95701	0.03777	0.10000	0.00000	718085.95701	0.03777	0.5000
4496:	41	31	11	40	30	10	718153.98500	718154.55378	-0.56878	0.10000	0.00000	718154.55378	-0.56878	0.5000
4497:	41	31	10	40	30	11	718153.98500	718154.55378	-0.56878	0.10000	0.00000	718154.55378	-0.56878	0.5000
4498:	47	28	20	46	27	19	718159.45018	718159.51618	-0.06600	0.10000	0.00000	718159.51618	-0.06600	0.5000
4499:	47	28	19	46	27	20	718159.45018	718159.51618	-0.06600	0.10000	0.00000	718159.51618	-0.06600	0.5000
4500:	56	24	33	55	23	32	723569.71979	723569.87846	-0.15865	0.10000	0.00000	723569.87846	-0.15867	0.5000
4501:	56	24	32	55	23	33	723569.71979	723569.87847	-0.15868	0.10000	0.00000	723569.87846	-0.15867	0.5000
4502:	54	25	29	53	24	30	724275.67091	724275.54312	0.12780	0.10000	0.00000	724275.54312	0.12780	0.5000
4503:	54	25	30	53	24	29	724275.67091	724275.54312	0.12780	0.10000	0.00000	724275.54312	0.12780	0.5000
4504:	36	34	3	35	33	2	724948.19268	724947.46094	0.73174	0.10000	0.00000	724947.46094	0.73174	0.5000
4505:	36	34	2	35	33	3	724948.19268	724947.46094	0.73174	0.10000	0.00000	724947.46094	0.73174	0.5000
4506:	50	27	24	49	26	23	724996.52137	724996.59584	-0.07447	0.10000	0.00000	724996.59584	-0.07447	0.5000
4507:	50	27	23	49	26	24	724996.52137	724996.59584	-0.07447	0.10000	0.00000	724996.59584	-0.07447	0.5000
4508:	40	32	9	39	31	8	725120.54166	725120.60361	-0.06195	0.10000	0.00000	725120.60361	-0.06195	0.5000
4509:	40	32	8	39	31	9	725120.54166	725120.60361	-0.06195	0.10000	0.00000	725120.60361	-0.06195	0.5000
4510:	48	28	21	47	27	20	725146.71325	725146.52979	0.18347	0.10000	0.00000	725146.52979	0.18347	0.5000
4511:	48	28	20	47	27	21	725146.71325	725146.52979	0.18347	0.10000	0.00000	725146.52979	0.18347	0.5000

4512:	46	29	17	45	28	18	725211.29826	725211.44267	-0.14441	0.10000	0.00000	725211.44267	-0.14441	0.5000
4513:	46	29	18	45	28	17	725211.29826	725211.44267	-0.14441	0.10000	0.00000	725211.44267	-0.14441	0.5000
4514:	44	30	15	43	29	14	725217.08796	725217.40696	-0.31899	0.10000	0.00000	725217.40696	-0.31899	0.5000
4515:	44	30	14	43	29	15	725217.08796	725217.40696	-0.31899	0.10000	0.00000	725217.40696	-0.31899	0.5000
4516:	53	26	52	25	27		731637.77199	731637.81138	-0.03939	0.10000	0.00000	731637.81138	-0.03939	0.5000
4517:	53	26	27	52	25	28	731637.77199	731637.81138	-0.03939	0.10000	0.00000	731637.81138	-0.03939	0.5000
4518:	35	35	1	34	34	0	731889.45900	731889.29887	0.16013	0.10000	0.00000	731889.29887	0.16013	0.5000
4519:	35	35	0	34	34	1	731889.45900	731889.29887	0.16013	0.10000	0.00000	731889.29887	0.16013	0.5000
4520:	51	27	25	50	26	24	731948.45603	731948.66270	-0.20667	0.10000	0.00000	731948.66270	-0.20667	0.5000
4521:	51	27	24	50	26	25	731948.45603	731948.66270	-0.20667	0.10000	0.00000	731948.66270	-0.20667	0.5000
4522:	37	34	3	36	33	4	731988.18612	731987.49767	0.68845	0.10000	0.00000	731987.49767	0.68845	0.5000
4523:	37	34	4	36	33	3	731988.18612	731987.49767	0.68845	0.10000	0.00000	731987.49767	0.68845	0.5000
4524:	39	33	7	38	32	6	732076.73664	732076.94961	-0.21297	0.10000	0.00000	732076.94961	-0.21297	0.5000
4525:	39	33	6	38	32	7	732076.73664	732076.94961	-0.21297	0.10000	0.00000	732076.94961	-0.21297	0.5000
4526:	49	28	22	48	27	21	732126.74430	732126.52647	0.21783	0.10000	0.00000	732126.52647	0.21783	0.5000
4527:	49	28	21	48	27	22	732126.74430	732126.52647	0.21783	0.10000	0.00000	732126.52647	0.21783	0.5000
4528:	41	32	10	40	31	9	732152.68122	732152.72396	-0.04274	0.10000	0.00000	732152.72396	-0.04274	0.5000
4529:	41	32	9	40	31	10	732152.68122	732152.72396	-0.04274	0.10000	0.00000	732152.72396	-0.04274	0.5000
4530:	43	31	13	42	30	12	732207.91037	732207.76823	0.14215	0.10000	0.00000	732207.76823	0.14215	0.5000
4531:	43	31	12	42	30	13	732207.91037	732207.76823	0.14215	0.10000	0.00000	732207.76823	0.14215	0.5000
4532:	47	29	18	46	28	19	732211.75634	732211.63137	0.12498	0.10000	0.00000	732211.63137	0.12498	0.5000
4533:	47	29	19	46	28	18	732211.75634	732211.63137	0.12498	0.10000	0.00000	732211.63137	0.12498	0.5000
4534:	45	30	16	44	29	15	732232.08997	732232.09621	-0.00625	0.10000	0.00000	732232.09621	-0.00625	0.5000
4535:	45	30	15	44	29	16	732232.08997	732232.09621	-0.00625	0.10000	0.00000	732232.09621	-0.00625	0.5000
4536:	52	27	26	51	26	25	738890.92789	738891.10829	-0.18040	0.10000	0.00000	738891.10829	-0.18040	0.5000
4537:	52	27	25	51	26	26	738890.92789	738891.10829	-0.18040	0.10000	0.00000	738891.10829	-0.18040	0.5000
4538:	36	35	2	35	34	1	738930.06812	738929.90676	0.16137	0.10000	0.00000	738929.90676	0.16137	0.5000
4539:	36	35	1	35	34	2	738930.06812	738929.90676	0.16137	0.10000	0.00000	738929.90676	0.16137	0.5000
4540:	38	34	4	37	33	5	739025.99993	739025.89765	0.10228	0.10000	0.00000	739025.89765	0.10228	0.5000
4541:	38	34	5	37	33	4	739025.99993	739025.89765	0.10228	0.10000	0.00000	739025.89765	0.10228	0.5000
4542:	50	28	23	49	27	22	739099.21195	739099.06254	0.14941	0.10000	0.00000	739099.06254	0.14941	0.5000
4543:	50	28	22	49	27	23	739099.21195	739099.06254	0.14941	0.10000	0.00000	739099.06254	0.14941	0.5000
4544:	40	33	8	39	32	7	739111.84972	739111.77274	0.07697	0.10000	0.00000	739111.77274	0.07697	0.5000
4545:	40	33	7	39	32	8	739111.84972	739111.77274	0.07697	0.10000	0.00000	739111.77274	0.07697	0.5000
4546:	42	32	11	41	31	10	739182.09767	739182.11335	-0.01568	0.10000	0.00000	739182.11335	-0.01568	0.5000
4547:	42	32	10	41	31	11	739182.09767	739182.11335	-0.01568	0.10000	0.00000	739182.11335	-0.01568	0.5000
4548:	48	29	20	47	28	19	739206.09214	739206.01633	0.07580	0.10000	0.00000	739206.01633	0.07580	0.5000
4549:	48	29	19	47	28	20	739206.09214	739206.01633	0.07580	0.10000	0.00000	739206.01633	0.07580	0.5000
4550:	44	31	13	43	30	14	739229.39112	739229.22443	0.16670	0.10000	0.00000	739229.22443	0.16670	0.5000
4551:	44	31	14	43	30	13	739229.39112	739229.22443	0.16670	0.10000	0.00000	739229.22443	0.16670	0.5000
4552:	46	30	17	45	29	16	739242.55235	739242.26645	0.28590	0.10000	0.00000	739242.26645	0.28590	0.5000
4553:	46	30	16	45	29	17	739242.55235	739242.26645	0.28590	0.10000	0.00000	739242.26645	0.28590	0.5000
4554:	45	31	15	44	30	14	746247.06555	746246.90870	0.15685	0.10000	0.00000	746246.90870	0.15685	0.5000
4555:	45	31	14	44	30	15	746247.06555	746246.90870	0.15685	0.10000	0.00000	746246.90870	0.15685	0.5000
4556:	47	30	18	46	29	17	746247.46592	746247.60903	-0.14310	0.10000	0.00000	746247.60903	-0.14310	0.5000
4557:	47	30	17	46	29	18	746247.46592	746247.60903	-0.14310	0.10000	0.00000	746247.60903	-0.14310	0.5000
4558:	38	35	4	37	34	3	753006.94280	753006.83220	0.11060	0.10000	0.00000	753006.83220	0.11060	0.5000
4559:	38	35	3	37	34	4	753006.94280	753006.83220	0.11060	0.10000	0.00000	753006.83220	0.11060	0.5000
4560:	40	34	6	39	33	7	753097.04656	753097.19145	-0.14489	0.10000	0.00000	753097.19145	-0.14489	0.5000

4561:	40	34	7	39	33	6	753097.04656	753097.19145	-0.14489	0.10000	0.00000	753097.19145	-0.14489	0.5000
4562:	46	31	16	45	30	15	753260.37893	753260.55588	-0.17695	0.10000	0.00000	753260.55588	-0.17695	0.5000
4563:	46	31	15	45	30	16	753260.37893	753260.55588	-0.17695	0.10000	0.00000	753260.55588	-0.17695	0.5000
4564:	37	36	2	36	35	1	759946.43952	759946.10188	0.33764	0.10000	0.00000	759946.10188	0.33764	0.5000
4565:	37	36	1	36	35	2	759946.43952	759946.10188	0.33764	0.10000	0.00000	759946.10188	0.33764	0.5000
4566:	39	35	5	38	34	4	760042.78804	760042.88810	-0.10007	0.10000	0.00000	760042.88810	-0.10007	0.5000
4567:	39	35	4	38	34	5	760042.78804	760042.88810	-0.10007	0.10000	0.00000	760042.88810	-0.10007	0.5000
4568:	41	34	8	40	33	7	760129.63088	760129.77140	-0.14052	0.10000	0.00000	760129.77140	-0.14052	0.5000
4569:	41	34	7	40	33	8	760129.63088	760129.77140	-0.14052	0.10000	0.00000	760129.77140	-0.14052	0.5000
4570:	51	29	22	50	28	23	760150.33614	760150.52922	-0.19308	0.10000	0.00000	760150.52922	-0.19308	0.5000
4571:	51	29	23	50	28	22	760150.33614	760150.52922	-0.19308	0.10000	0.00000	760150.52922	-0.19308	0.5000
4572:	43	33	11	42	32	10	760202.10117	760201.73713	0.36403	0.10000	0.00000	760201.73713	0.36403	0.5000
4573:	43	33	10	42	32	11	760202.10117	760201.73713	0.36403	0.10000	0.00000	760201.73713	0.36403	0.5000
4574:	45	32	14	44	31	13	760251.87280	760251.72779	0.14501	0.10000	0.00000	760251.72779	0.14501	0.5000
4575:	45	32	13	44	31	14	760251.87280	760251.72779	0.14501	0.10000	0.00000	760251.72779	0.14501	0.5000
4576:	47	31	17	46	30	16	760269.87844	760269.89121	-0.01277	0.10000	0.00000	760269.89121	-0.01277	0.5000
4577:	47	31	16	46	30	17	760269.87844	760269.89121	-0.01277	0.10000	0.00000	760269.89121	-0.01277	0.5000
4578:	38	36	2	37	35	3	766982.81000	766982.93904	-0.12904	0.10000	0.00000	766982.93904	-0.12904	0.5000
4579:	38	36	3	37	35	2	766982.81000	766982.93904	-0.12904	0.10000	0.00000	766982.93904	-0.12904	0.5000
4580:	40	35	6	39	34	5	767076.86165	767077.15544	-0.29379	0.10000	0.00000	767077.15544	-0.29379	0.5000
4581:	40	35	5	39	34	6	767076.86165	767077.15544	-0.29379	0.10000	0.00000	767077.15544	-0.29379	0.5000
4582:	52	29	24	51	28	23	767118.11262	767117.80893	0.30369	0.10000	0.00000	767117.80893	0.30369	0.5000
4583:	52	29	23	51	28	24	767118.11262	767117.80893	0.30369	0.10000	0.00000	767117.80893	0.30369	0.5000
4584:	42	34	9	41	33	8	767160.11585	767160.08679	0.02906	0.10000	0.00000	767160.08679	0.02906	0.5000
4585:	42	34	8	41	33	9	767160.11585	767160.08679	0.02906	0.10000	0.00000	767160.08679	0.02906	0.5000
4586:	44	33	12	43	32	11	767226.37929	767226.25196	0.12733	0.10000	0.00000	767226.25196	0.12733	0.5000
4587:	44	33	11	43	32	12	767226.37929	767226.25196	0.12733	0.10000	0.00000	767226.25196	0.12733	0.5000
4588:	46	32	14	45	31	15	767268.00974	767267.98439	0.02535	0.10000	0.00000	767267.98439	0.02535	0.5000
4589:	46	32	15	45	31	14	767268.00974	767267.98439	0.02535	0.10000	0.00000	767267.98439	0.02535	0.5000
4590:	48	31	18	47	30	17	767274.81706	767274.63013	0.18693	0.10000	0.00000	767274.63013	0.18693	0.5000
4591:	48	31	17	47	30	18	767274.81706	767274.63013	0.18693	0.10000	0.00000	767274.63013	0.18693	0.5000
4592:	37	37	1	36	36	0	773918.63518	773918.46828	0.16690	0.10000	0.00000	773918.46828	0.16690	0.5000
4593:	37	37	0	36	36	1	773918.63518	773918.46828	0.16690	0.10000	0.00000	773918.46828	0.16690	0.5000
4594:	39	36	4	38	35	3	774018.19789	774018.23944	-0.04155	0.10000	0.00000	774018.23944	-0.04155	0.5000
4595:	39	36	3	38	35	4	774018.19789	774018.23944	-0.04155	0.10000	0.00000	774018.23944	-0.04155	0.5000
4596:	53	29	25	52	28	24	774076.95061	774077.26728	-0.31666	0.10000	0.00000	774077.26728	-0.31666	0.5000
4597:	53	29	24	52	28	25	774076.95061	774077.26728	-0.31666	0.10000	0.00000	774077.26728	-0.31666	0.5000
4598:	41	35	6	40	34	7	774109.63132	774109.48894	0.14238	0.10000	0.00000	774109.48894	0.14238	0.5000
4599:	41	35	7	40	34	6	774109.63132	774109.48894	0.14238	0.10000	0.00000	774109.48894	0.14238	0.5000
4600:	43	34	10	42	33	9	774188.22801	774187.96460	0.26341	0.10000	0.00000	774187.96460	0.26341	0.5000
4601:	43	34	9	42	33	10	774188.22801	774187.96460	0.26341	0.10000	0.00000	774187.96460	0.26341	0.5000
4602:	51	30	22	50	29	21	774214.32737	774214.13134	0.19603	0.10000	0.00000	774214.13134	0.19603	0.5000
4603:	51	30	21	50	29	22	774214.32737	774214.13134	0.19603	0.10000	0.00000	774214.13134	0.19603	0.5000
4604:	49	31	19	48	30	18	774273.96240	774274.47811	-0.51572	0.10000	0.00000	774274.47811	-0.51572	0.5000
4605:	49	31	18	48	30	19	774273.96240	774274.47811	-0.51572	0.10000	0.00000	774274.47811	-0.51572	0.5000
4606:	38	37	2	37	36	1	780954.08579	780954.29419	-0.20840	0.10000	0.00000	780954.29419	-0.20840	0.5000
4607:	38	37	1	37	36	2	780954.08579	780954.29419	-0.20840	0.10000	0.00000	780954.29419	-0.20840	0.5000
4608:	54	29	25	53	28	26	781028.73994	781028.45537	0.28458	0.10000	0.00000	781028.45537	0.28458	0.5000
4609:	54	29	26	53	28	25	781028.73994	781028.45537	0.28458	0.10000	0.00000	781028.45537	0.28458	0.5000

4610:	40	36	5	39	35	4	781051.70794	781051.87613	-0.16819	0.10000	0.00000	781051.87613	-0.16819	0.5000
4611:	40	36	4	39	35	5	781051.70794	781051.87613	-0.16819	0.10000	0.00000	781051.87613	-0.16819	0.5000
4612:	42	35	8	41	34	7	781139.53879	781139.73753	-0.19874	0.10000	0.00000	781139.73753	-0.19874	0.5000
4613:	42	35	7	41	34	8	781139.53879	781139.73753	-0.19874	0.10000	0.00000	781139.73753	-0.19874	0.5000
4614:	52	30	23	51	29	22	781190.29682	781190.30310	-0.00628	0.10000	0.00000	781190.30310	-0.00628	0.5000
4615:	52	30	22	51	29	23	781190.29682	781190.30310	-0.00628	0.10000	0.00000	781190.30310	-0.00628	0.5000
4616:	44	34	10	43	33	11	781213.25866	781213.22525	0.03341	0.10000	0.00000	781213.22525	0.03341	0.5000
4617:	44	34	11	43	33	10	781213.25866	781213.22525	0.03341	0.10000	0.00000	781213.22525	0.03341	0.5000
4618:	61	26	36	60	25	35	786429.92737	786430.13335	-0.20598	0.10000	0.00000	786430.13335	-0.20598	0.5000
4619:	61	26	35	60	25	36	786429.92737	786430.13335	-0.20598	0.10000	0.00000	786430.13335	-0.20598	0.5000
4620:	57	28	30	56	27	29	787656.04298	787656.91399	-0.87101	0.10000	0.00000	787656.91399	-0.87101	0.5000
4621:	57	28	29	56	27	30	787656.04298	787656.91399	-0.87101	0.10000	0.00000	787656.91399	-0.87101	0.5000
4622:	55	29	27	54	28	26	787970.67413	787970.90779	-0.23367	0.10000	0.00000	787970.90779	-0.23367	0.5000
4623:	55	29	26	54	28	27	787970.67413	787970.90779	-0.23367	0.10000	0.00000	787970.90779	-0.23367	0.5000
4624:	39	37	3	38	36	2	787988.90217	787988.67655	0.22562	0.10000	0.00000	787988.67655	0.22562	0.5000
4625:	39	37	2	38	36	3	787988.90217	787988.67655	0.22562	0.10000	0.00000	787988.67655	0.22562	0.5000
4626:	41	36	5	40	35	6	788083.60032	788083.71686	-0.11655	0.10000	0.00000	788083.71686	-0.11655	0.5000
4627:	41	36	6	40	35	5	788083.60032	788083.71686	-0.11655	0.10000	0.00000	788083.71686	-0.11655	0.5000
4628:	53	30	24	52	29	23	788159.36103	788159.54899	-0.18796	0.10000	0.00000	788159.54899	-0.18796	0.5000
4629:	53	30	23	52	29	24	788159.36103	788159.54899	-0.18796	0.10000	0.00000	788159.54899	-0.18796	0.5000
4630:	43	35	9	42	34	8	788167.63398	788167.74422	-0.11024	0.10000	0.00000	788167.74422	-0.11024	0.5000
4631:	43	35	8	42	34	9	788167.63398	788167.74422	-0.11024	0.10000	0.00000	788167.74422	-0.11024	0.5000
4632:	51	31	21	50	30	20	788258.23496	788258.27159	-0.03663	0.10000	0.00000	788258.27159	-0.03663	0.5000
4633:	51	31	20	50	30	21	788258.23496	788258.27159	-0.03663	0.10000	0.00000	788258.27159	-0.03663	0.5000
4634:	47	33	14	46	32	15	788280.62235	788280.49084	0.13151	0.10000	0.00000	788280.49084	0.13151	0.5000
4635:	47	33	15	46	32	14	788280.62235	788280.49084	0.13151	0.10000	0.00000	788280.49084	0.13151	0.5000
4636:	49	32	18	48	31	17	788292.54754	788292.46642	0.08113	0.10000	0.00000	788292.46642	0.08113	0.5000
4637:	49	32	17	48	31	18	788292.54754	788292.46642	0.08113	0.10000	0.00000	788292.46642	0.08113	0.5000
4638:	62	26	37	61	25	36	793201.88328	793201.75361	0.12968	0.10000	0.00000	793201.75361	0.12968	0.5000
4639:	62	26	36	61	25	37	793201.88328	793201.75361	0.12967	0.10000	0.00000	793201.75361	0.12968	0.5000
4640:	60	27	34	59	26	33	794010.09473	794010.07759	0.01714	0.10000	0.00000	794010.07759	0.01714	0.5000
4641:	60	27	33	59	26	34	794010.09473	794010.07759	0.01714	0.10000	0.00000	794010.07759	0.01714	0.5000
4642:	58	28	31	57	27	30	794551.45727	794551.60423	-0.14696	0.10000	0.00000	794551.60423	-0.14696	0.5000
4643:	58	28	30	57	27	31	794551.45727	794551.60423	-0.14696	0.10000	0.00000	794551.60423	-0.14696	0.5000
4644:	56	29	27	55	28	28	794904.37097	794904.14191	0.22906	0.10000	0.00000	794904.14191	0.22906	0.5000
4645:	56	29	28	55	28	27	794904.37097	794904.14191	0.22906	0.10000	0.00000	794904.14191	0.22906	0.5000
4646:	40	37	4	39	36	3	795021.15510	795021.49941	-0.34432	0.10000	0.00000	795021.49941	-0.34432	0.5000
4647:	40	37	3	39	36	4	795021.15510	795021.49941	-0.34432	0.10000	0.00000	795021.49941	-0.34432	0.5000
4648:	42	36	7	41	35	6	795113.77145	795113.62409	0.14736	0.10000	0.00000	795113.62409	0.14736	0.5000
4649:	42	36	6	41	35	7	795113.77145	795113.62409	0.14736	0.10000	0.00000	795113.62409	0.14736	0.5000
4650:	54	30	25	53	29	24	795121.56439	795121.47493	0.08946	0.10000	0.00000	795121.47493	0.08946	0.5000
4651:	54	30	24	53	29	25	795121.56439	795121.47493	0.08946	0.10000	0.00000	795121.47493	0.08946	0.5000
4652:	44	35	9	43	34	10	795193.39567	795193.34614	0.04953	0.10000	0.00000	795193.34614	0.04953	0.5000
4653:	44	35	10	43	34	9	795193.39567	795193.34614	0.04953	0.10000	0.00000	795193.34614	0.04953	0.5000
4654:	52	31	22	51	30	21	795241.76370	795241.57577	0.18793	0.10000	0.00000	795241.57577	0.18793	0.5000
4655:	52	31	21	51	30	22	795241.76370	795241.57577	0.18793	0.10000	0.00000	795241.57577	0.18793	0.5000
4656:	46	34	13	45	33	12	795255.22708	795255.14368	0.08340	0.10000	0.00000	795255.14368	0.08340	0.5000
4657:	46	34	12	45	33	13	795255.22708	795255.14368	0.08340	0.10000	0.00000	795255.14368	0.08340	0.5000
4658:	48	33	16	47	32	15	795291.50792	795291.39831	0.10961	0.10000	0.00000	795291.39831	0.10961	0.5000

4659:	48	33	15	47	32	16	795291.50792	795291.39831	0.10961	0.10000	0.00000	795291.39831	0.10961	0.5000
4660:	63	26	38	62	25	37	799952.79249	799952.87671	-0.08421	0.10000	0.00000	799952.87672	-0.08422	0.5000
4661:	63	26	37	62	25	38	799952.79249	799952.87673	-0.08423	0.10000	0.00000	799952.87672	-0.08422	0.5000
4662:	61	27	34	60	26	35	800837.00756	800836.95774	0.04983	0.10000	0.00000	800836.95774	0.04983	0.5000
4663:	61	27	35	60	26	34	800837.00756	800836.95774	0.04983	0.10000	0.00000	800836.95774	0.04983	0.5000
4664:	59	28	32	58	27	31	801433.82231	801433.98334	-0.16103	0.10000	0.00000	801433.98334	-0.16103	0.5000
4665:	59	28	31	58	27	32	801433.82231	801433.98334	-0.16103	0.10000	0.00000	801433.98334	-0.16103	0.5000
4666:	57	29	29	56	28	28	801827.78865	801827.65705	0.13160	0.10000	0.00000	801827.65705	0.13160	0.5000
4667:	57	29	28	56	28	29	801827.78865	801827.65705	0.13160	0.10000	0.00000	801827.65705	0.13160	0.5000
4668:	39	38	2	38	37	1	801954.41830	801954.26419	0.15411	0.10000	0.00000	801954.26419	0.15411	0.5000
4669:	39	38	1	38	37	2	801954.41830	801954.26419	0.15411	0.10000	0.00000	801954.26419	0.15411	0.5000
4670:	41	37	5	40	36	4	802052.80457	802052.64197	0.16261	0.10000	0.00000	802052.64197	0.16261	0.5000
4671:	41	37	4	40	36	5	802052.80457	802052.64197	0.16261	0.10000	0.00000	802052.64197	0.16261	0.5000
4672:	55	30	25	54	29	26	802075.68036	802075.67296	0.00740	0.10000	0.00000	802075.67296	0.00740	0.5000
4673:	55	30	26	54	29	25	802075.68036	802075.67296	0.00740	0.10000	0.00000	802075.67296	0.00740	0.5000
4674:	43	36	8	42	35	7	802141.56132	802141.45488	0.10644	0.10000	0.00000	802141.45488	0.10644	0.5000
4675:	43	36	7	42	35	8	802141.56132	802141.45488	0.10644	0.10000	0.00000	802141.45488	0.10644	0.5000
4676:	51	32	20	50	31	19	802286.06395	802285.89212	0.17183	0.10000	0.00000	802285.89212	0.17183	0.5000
4677:	51	32	19	50	31	20	802286.06395	802285.89212	0.17183	0.10000	0.00000	802285.89212	0.17183	0.5000
4678:	49	33	17	48	32	16	802298.33758	802298.33200	0.00558	0.10000	0.00000	802298.33200	0.00558	0.5000
4679:	49	33	16	48	32	17	802298.33758	802298.33200	0.00558	0.10000	0.00000	802298.33200	0.00558	0.5000
4680:	64	26	38	63	25	39	806682.41331	806682.36816	0.04515	0.10000	0.00000	806682.36813	0.04518	0.5000
4681:	64	26	39	63	25	38	806682.41331	806682.36811	0.04520	0.10000	0.00000	806682.36813	0.04518	0.5000
4682:	62	27	35	61	26	36	807647.30886	807647.23309	0.07577	0.10000	0.00000	807647.23309	0.07577	0.5000
4683:	62	27	36	61	26	35	807647.30886	807647.23309	0.07577	0.10000	0.00000	807647.23309	0.07577	0.5000
4684:	58	29	30	57	28	29	808740.99594	808740.93370	0.06224	0.10000	0.00000	808740.93370	0.06224	0.5000
4685:	58	29	29	57	28	30	808740.99594	808740.93370	0.06224	0.10000	0.00000	808740.93370	0.06224	0.5000
4686:	40	38	3	39	37	2	808986.42656	808986.12004	0.30652	0.10000	0.00000	808986.12004	0.30652	0.5000
4687:	40	38	2	39	37	3	808986.42656	808986.12004	0.30652	0.10000	0.00000	808986.12004	0.30652	0.5000
4688:	56	30	27	55	29	26	809022.00796	809021.72076	0.28721	0.10000	0.00000	809021.72076	0.28721	0.5000
4689:	56	30	26	55	29	27	809022.00796	809021.72076	0.28721	0.10000	0.00000	809021.72076	0.28721	0.5000
4690:	44	36	8	43	35	9	809167.05269	809167.06095	-0.00826	0.10000	0.00000	809167.06095	-0.00826	0.5000
4691:	44	36	9	43	35	8	809167.05269	809167.06095	-0.00826	0.10000	0.00000	809167.06095	-0.00826	0.5000
4692:	54	31	24	53	30	23	809189.45307	809189.31301	0.14007	0.10000	0.00000	809189.31301	0.14007	0.5000
4693:	54	31	23	53	30	24	809189.45307	809189.31301	0.14007	0.10000	0.00000	809189.31301	0.14007	0.5000
4694:	46	35	12	45	34	11	809236.78905	809236.65415	0.13490	0.10000	0.00000	809236.65415	0.13490	0.5000
4695:	46	35	11	45	34	12	809236.78905	809236.65415	0.13490	0.10000	0.00000	809236.65415	0.13490	0.5000
4696:	52	32	21	51	31	20	809274.70764	809274.89182	-0.18418	0.10000	0.00000	809274.89182	-0.18418	0.5000
4697:	52	32	20	51	31	21	809274.70764	809274.89182	-0.18418	0.10000	0.00000	809274.89182	-0.18418	0.5000
4698:	48	34	15	47	33	14	809284.23539	809284.27203	-0.03665	0.10000	0.00000	809284.27203	-0.03665	0.5000
4699:	48	34	14	47	33	15	809284.23539	809284.27203	-0.03665	0.10000	0.00000	809284.27203	-0.03665	0.5000
4700:	50	33	17	49	32	18	809300.85628	809301.04750	-0.19122	0.10000	0.00000	809301.04750	-0.19122	0.5000
4701:	50	33	18	49	32	17	809300.85628	809301.04750	-0.19122	0.10000	0.00000	809301.04750	-0.19122	0.5000
4702:	61	28	34	60	27	33	815159.48917	815159.17040	0.31878	0.10000	0.00000	815159.17040	0.31878	0.5000
4703:	61	28	33	60	27	34	815159.48917	815159.17040	0.31878	0.10000	0.00000	815159.17040	0.31878	0.5000
4704:	59	29	30	58	28	30	815643.37816	815643.43253	-0.05437	0.10000	0.00000	815643.43253	-0.05437	0.5000
4705:	59	29	30	58	28	31	815643.37816	815643.43253	-0.05437	0.10000	0.00000	815643.43253	-0.05437	0.5000
4706:	39	39	1	38	38	0	815914.70641	815915.03250	-0.32609	0.10000	0.00000	815915.03250	-0.32609	0.5000
4707:	39	39	0	38	38	1	815914.70641	815915.03250	-0.32609	0.10000	0.00000	815915.03250	-0.32609	0.5000

4708:	57	30	27	56	29	28	815958.89168	815959.18103	-0.28935	0.10000	0.00000	815959.18103	-0.28935	0.5000
4709:	57	30	28	56	29	27	815958.89168	815959.18103	-0.28935	0.10000	0.00000	815959.18103	-0.28935	0.5000
4710:	41	38	4	40	37	3	816016.34568	816016.39235	-0.04667	0.10000	0.00000	816016.39235	-0.04667	0.5000
4711:	41	38	3	40	37	4	816016.34568	816016.39235	-0.04667	0.10000	0.00000	816016.39235	-0.04667	0.5000
4712:	43	37	7	42	36	6	816109.10669	816109.37858	-0.27189	0.10000	0.00000	816109.37858	-0.27189	0.5000
4713:	43	37	6	42	36	7	816109.10669	816109.37858	-0.27189	0.10000	0.00000	816109.37858	-0.27189	0.5000
4714:	55	31	25	54	30	24	816152.73442	816153.03721	-0.30279	0.10000	0.00000	816153.03721	-0.30279	0.5000
4715:	55	31	24	54	30	25	816152.73442	816153.03721	-0.30279	0.10000	0.00000	816153.03721	-0.30279	0.5000
4716:	45	36	10	44	35	9	816190.11978	816190.28858	-0.16881	0.10000	0.00000	816190.28858	-0.16881	0.5000
4717:	45	36	9	44	35	10	816190.11978	816190.28858	-0.16881	0.10000	0.00000	816190.28858	-0.16881	0.5000
4718:	47	35	12	46	34	13	816254.16205	816254.00438	0.15767	0.10000	0.00000	816254.00438	0.15767	0.5000
4719:	47	35	13	46	34	12	816254.16205	816254.00438	0.15767	0.10000	0.00000	816254.00438	0.15767	0.5000
4720:	53	32	22	52	31	21	816258.39553	816258.35211	0.04341	0.10000	0.00000	816258.35211	0.04341	0.5000
4721:	53	32	21	52	31	22	816258.39553	816258.35211	0.04341	0.10000	0.00000	816258.35211	0.04341	0.5000
4722:	49	34	16	48	33	15	816293.33973	816293.51941	-0.17967	0.10000	0.00000	816293.51941	-0.17967	0.5000
4723:	49	34	15	48	33	16	816293.33973	816293.51941	-0.17967	0.10000	0.00000	816293.51941	-0.17967	0.5000
4724:	51	33	19	50	32	18	816299.20254	816299.29232	-0.08978	0.10000	0.00000	816299.29232	-0.08978	0.5000
4725:	51	33	18	50	32	19	816299.20254	816299.29232	-0.08978	0.10000	0.00000	816299.29232	-0.08978	0.5000
4726:	66	26	41	65	25	40	820071.40378	820071.59047	-0.18669	0.10000	0.00000	820071.59047	-0.18669	0.5000
4727:	66	26	40	65	25	41	820071.40378	820071.59070	-0.18691	0.10000	0.00000	820071.59070	-0.18691	0.5000
4728:	60	29	32	59	28	31	822534.77852	822534.59342	0.18510	0.10000	0.00000	822534.59342	0.18510	0.5000
4729:	60	29	31	59	28	32	822534.77852	822534.59342	0.18510	0.10000	0.00000	822534.59342	0.18510	0.5000
4730:	58	30	29	57	29	28	822887.11438	822887.60095	-0.48656	0.10000	0.00000	822887.60095	-0.48656	0.5000
4731:	58	30	28	57	29	29	822887.11438	822887.60095	-0.48656	0.10000	0.00000	822887.60095	-0.48656	0.5000
4732:	40	39	2	39	38	1	822945.26821	822945.79267	-0.52446	0.10000	0.00000	822945.79267	-0.52446	0.5000
4733:	40	39	1	39	38	2	822945.26821	822945.79267	-0.52446	0.10000	0.00000	822945.79267	-0.52446	0.5000
4734:	42	38	5	41	37	4	823044.99091	823044.96597	0.02494	0.10000	0.00000	823044.96597	0.02494	0.5000
4735:	42	38	4	41	37	5	823044.99091	823044.96597	0.02494	0.10000	0.00000	823044.96597	0.02494	0.5000
4736:	56	31	25	55	30	26	823109.54997	823109.50587	0.04410	0.10000	0.00000	823109.50587	0.04410	0.5000
4737:	56	31	26	55	30	25	823109.54997	823109.50587	0.04410	0.10000	0.00000	823109.50587	0.04410	0.5000
4738:	44	37	8	43	36	7	823134.82622	823134.70661	0.11961	0.10000	0.00000	823134.70661	0.11961	0.5000
4739:	44	37	7	43	36	8	823134.82622	823134.70661	0.11961	0.10000	0.00000	823134.70661	0.11961	0.5000
4740:	46	36	11	45	35	10	823210.91631	823210.97858	-0.06227	0.10000	0.00000	823210.97858	-0.06227	0.5000
4741:	46	36	10	45	35	11	823210.91631	823210.97858	-0.06227	0.10000	0.00000	823210.97858	-0.06227	0.5000
4742:	54	32	23	53	31	22	823235.55693	823235.96275	-0.40582	0.10000	0.00000	823235.96275	-0.40582	0.5000
4743:	54	32	22	53	31	23	823235.55693	823235.96275	-0.40582	0.10000	0.00000	823235.96275	-0.40582	0.5000
4744:	48	35	14	47	34	13	823268.08238	823268.23795	-0.15557	0.10000	0.00000	823268.23795	-0.15557	0.5000
4745:	48	35	13	47	34	14	823268.08238	823268.23795	-0.15557	0.10000	0.00000	823268.23795	-0.15557	0.5000
4746:	52	33	19	51	32	20	823292.40823	823292.80575	-0.39752	0.10000	0.00000	823292.80575	-0.39752	0.5000
4747:	52	33	20	51	32	19	823292.40823	823292.80575	-0.39752	0.10000	0.00000	823292.80575	-0.39752	0.5000
4748:	50	34	17	49	33	16	823298.65708	823298.93065	-0.27357	0.10000	0.00000	823298.93065	-0.27357	0.5000
4749:	50	34	16	49	33	17	823298.65708	823298.93065	-0.27357	0.10000	0.00000	823298.93065	-0.27357	0.5000
4750:	45	37	9	44	36	8	830158.04630	830157.82221	0.22409	0.10000	0.00000	830157.82221	0.22409	0.5000
4751:	45	37	8	44	36	9	830158.04630	830157.82221	0.22409	0.10000	0.00000	830157.82221	0.22409	0.5000
4752:	55	32	24	54	31	23	830207.69931	830207.40335	0.29596	0.10000	0.00000	830207.40335	0.29596	0.5000
4753:	55	32	23	54	31	24	830207.69931	830207.40335	0.29596	0.10000	0.00000	830207.40335	0.29596	0.5000
4754:	47	36	12	46	35	11	830229.00284	830228.96624	0.03660	0.10000	0.00000	830228.96624	0.03660	0.5000
4755:	47	36	11	46	35	12	830229.00284	830228.96624	0.03660	0.10000	0.00000	830228.96624	0.03660	0.5000
4756:	46	37	9	45	36	10	837178.91092	837178.57997	0.33094	0.10000	0.00000	837178.57997	0.33094	0.5000

[illegible]

1	10000	A	10578.249046233	0.000000	
2	20000	B	4039.806730 83	0.000000	
3	30000	C	3002.885448 63	-0.000000	
4	200	-DJ	-0.8441842197E-03	-0.000000E-03	
5	1100	-DJK	-3.348816109E-03	-0.000000E-03	
6	2000	-DK	-5.14400 33E-03	0.00000E-03	
7	40100	-dJ	-0.2096305 93E-03	-0.000000E-03	
8	41000	-dK	-2.358121167E-03	-0.000000E-03	
9	300	HJ	-5.56210E-12	0.00E-12	
10	1200	HJK	-9.983 48E-09	0.000E-09	
11	2100	HKJ	-0.016146164E-06	-0.000000E-06	
12	3000	HK	0.036950172E-06	0.000000E-06	
13	40200	hJ	0.02234104E-09	0.00000E-09	
14	41100	hJK	-3.6179261E-09	0.0000E-09	
15	42000	hK	-0.01248 41E-06	0.00000E-06	

MICROWAVE AVG = 0.000790 MHz, IR AVG = 0.00000
MICROWAVE RMS = 0.102254 MHz, IR RMS = 0.00000

END OF ITERATION 1 OLD, NEW RMS ERROR= 1.10698 1.10698

1	2	0.321585	1	3	0.265169	1	4	-0.119077	1	5	-0.557610	1	6	-0.656402	1	7	-0.101143	1	8	0.141206	1	9	0.024957
1	10	0.012425	1	11	0.192142	1	12	0.393837	1	13	0.039852	1	14	-0.079875	1	15	-0.091949	2	1	0.321585	2	3	0.498630
2	4	-0.842495	2	5	-0.115950	2	6	-0.043139	2	7	-0.703861	2	8	-0.094245	2	9	0.717489	2	10	-0.008087	2	11	0.036477
2	12	0.017269	2	13	0.653257	2	14	0.274166	2	15	-0.039181	3	1	0.265169	3	2	0.498630	3	4	-0.552896	3	5	-0.235620
3	6	0.026124	3	7	0.172821	3	8	0.060429	3	9	0.273058	3	10	0.025436	3	11	0.045298	3	12	-0.026601	3	13	-0.096620
3	14	-0.055829	3	15	-0.085680	4	1	-0.119077	4	2	-0.842495	4	3	-0.552896	4	5	-0.092779	4	6	-0.045572	4	7	0.569791
4	8	0.315885	4	9	-0.914484	4	10	-0.022516	4	11	0.045110	4	12	0.010116	4	13	-0.658601	4	14	-0.430860	4	15	-0.043357
5	1	-0.557610	5	2	-0.115950	5	3	-0.235620	5	4	-0.092779	5	6	-0.067812	5	7	-0.110507	5	8	-0.164630	5	9	0.256141
5	10	-0.188056	5	11	-0.160152	5	12	0.091266	5	13	0.236137	5	14	0.096190	5	15	0.119935	6	1	-0.556402	6	2	-0.043139
6	3	0.026124	6	4	-0.045572	6	5	-0.067812	6	7	0.051753	6	8	-0.168336	6	9	0.019563	6	10	0.144864	6	11	-0.170780
6	12	-0.679000	6	13	-0.041691	6	14	0.156421	6	15	0.063832	7	1	-0.101143	7	2	-0.703861	7	3	0.172821	7	4	0.569791
7	5	-0.110507	7	6	0.051753	7	8	0.099793	7	9	-0.711003	7	10	0.099768	7	11	-0.048365	7	12	0.001387	7	13	-0.941037
7	14	-0.377040	7	15	0.017689	8	1	0.141206	8	2	-0.094245	8	3	0.060429	8	4	0.315885	8	5	-0.164630	8	6	-0.168336
8	7	0.099793	8	9	-0.395655	8	10	-0.467242	8	11	0.482936	8	12	-0.164746	8	13	-0.232381	8	14	-0.851476	8	15	-0.540004
9	1	0.024957	9	2	0.717489	9	3	0.273058	9	4	-0.914484	9	5	0.256141	9	6	0.019563	9	7	-0.711003	9	8	-0.395655
9	10	-0.044587	9	11	-0.039767	9	12	-0.010379	9	13	0.842488	9	14	0.577641	9	15	0.062899	10	1	0.012425	10	2	-0.008087
10	3	0.025436	10	4	-0.022516	10	5	-0.188056	10	6	0.144864	10	7	0.099768	10	8	-0.467242	10	9	-0.044587	10	11	-0.912217
10	12	0.521600	10	13	-0.027413	10	14	0.399222	10	15	0.918531	11	1	0.192142	11	2	0.036477	11	3	0.045298	11	4	0.045110
11	5	-0.160152	11	6	-0.170780	11	7	-0.048365	11	8	0.482936	11	9	-0.039767	11	10	-0.912217	11	12	-0.562198	11	13	-0.061705
11	14	-0.426959	11	15	-0.916406	12	1	0.393837	12	2	0.017269	12	3	-0.026601	12	4	0.010116	12	5	0.091266	12	6	-0.679000
12	7	0.001387	12	8	-0.164746	12	9	-0.010379	12	10	0.521600	12	11	-0.562198	12	13	0.051582	12	14	0.161702	12	15	0.542002
13	1	0.039852	13	2	0.653257	13	3	-0.096620	13	4	-0.658601	13	5	0.236137	13	6	-0.041691	13	7	-0.941037	13	8	-0.232381
13	9	0.842488	13	10	-0.027413	13	11	-0.061705	13	12	0.051582	13	14	0.476224	13	15	0.107834	14	1	-0.079875	14	2	0.274166
14	3	-0.055829	14	4	-0.430860	14	5	0.096190	14	6	0.156421	14	7	0.377040	14	8	-0.851476	14	9	0.577641	14	10	0.399222
14	11	-0.426959	14	12	0.161702	14	13	0.476224	14	15	0.420651	15	1	-0.091949	15	2	-0.039181	15	3	-0.085680	15	4	-0.043357
15	5	0.119935	15	6	0.063832	15	7	0.017689	15	8	-0.540004	15	9	0.062899	15	10	0.918531	15	11	-0.916406	15	12	0.542002
15	13	0.107834	15	14	0.420651																		

Glycolic acid, V₂₁=2

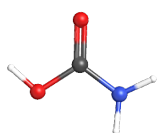
Thu May 18 08:36:58 2023

Chapter 11. Appendix 2: Carbamic Acid Supplementary Information

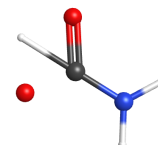
Additional details related to the computational studies are included here. This information includes the structural information (i.e., ball-and-stick figure and Z-matrices), for each insertion product and their corresponding transition state, the energies determined for each insertion product, and an example CFOUR input file.

11.1. Structures and coordinates

11.1.1. Carbamic acid



(a) Carbamic acid



(b) Transition state

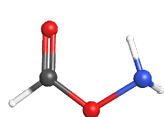
Table 11.1: Carbamic acid

C	-0.040421520375873	0.191517666520003	0.005623736853139
N	2.49231369344659	-0.266961771717034	-0.069692245984924
H	3.60210682634543	1.20864942008005	0.3526608976179
H	3.09849409748797	-1.99567127029645	0.413618024623168
O	-1.35091926315668	-2.01296220214056	0.00310251894214
H	-3.09363042504019	-1.51761488659396	-0.009048438789104
O	-1.0279737094162	2.24820847470893	0.005979429947685

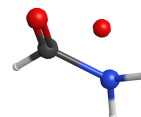
Table 11.2: Transition state. Harmonic vibrational frequency mode at -1919.14 cm^{-1}

C	0.000000	0.000000	0.000000
N	1.335141	0.000001	-0.000243
H	1.835742	-0.871273	0.000763
H	1.835762	0.871263	0.000763
O	-0.734544	-1.050887	0.000037
O	-0.734548	1.050884	0.000037
H	-1.504848	-0.000004	0.000065

11.1.2. Insertion 1



(a) Insertion 1



(b) Transition state

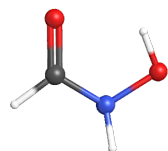
Table 11.3: Insertion 1

C	-1.39086398277711	-0.941756130751716	-0.007647498702181
O	1.11402345324721	-1.30871071884052	0.004210181205355
N	2.54433676697417	1.02701471117737	0.129471800882899
H	3.42091640308583	1.04497262067803	-1.57067298510525
H	1.18057346772618	2.39694545687532	0.03008958449811
O	-2.44160293030084	1.07475023165372	-0.015174665363073
H	-2.32296723082876	-2.78516857876044	0.006728631416393

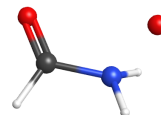
Table 11.4: Transition state. Harmonic vibrational frequency mode at -388.64 cm^{-1}

N	0.000000	0.000000	0.000000
C	-1.327165	-0.681764	0.437566
O	-2.310673	-0.58945	-0.23997
H	-1.242972	-0.921493	1.497149
H	-0.054372	0.493561	-0.890755
H	0.685842	0.389214	0.647214
O	0.112296	-1.408767	-0.159272

11.1.3. Insertion 2



(a) Insertion 2



(b) Transition state

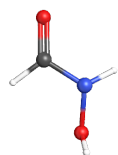
Table 11.5: Insertion 2

C	-1.41999130571259	-1.00292693477154	0.05919217768259
N	1.12861440761057	-1.25602367638434	-0.155461179348359
O	2.49118112991194	1.00586327694724	0.038240678300176
H	1.11204745227066	2.23193654395859	0.144164953164892
H	1.99461543116873	-2.65948966121133	0.781557956125404
O	-2.45806713672895	1.05075971647692	-0.017383213051489
H	-2.40597667252736	-2.8192341586577	0.198494937323564

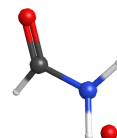
Table 11.6: Transition state. Harmonic vibrational frequency mode at -1470.24 cm^{-1}

C	0.000000	0.000000	0.000000
N	1.415283	0.161507	0.128907
H	1.784793	1.0089	-0.299415
H	1.949973	-0.222672	1.005662
O	-0.563039	-1.045757	0.075185
H	-0.494961	0.978016	-0.137647
O	2.318863	-1.007636	-0.057182

11.1.4. Insertion 3



(a) Insertion 3



(b) Transition state

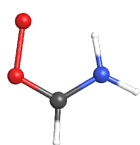
Table 11.7: Insertion 3

C	-1.206171229479	0.673000439144177	-0.16027817636938
N	0.89225696031943	-0.884389582700172	-0.277028277011279
O	3.18707816152252	0.355411426544504	0.271768482283566
H	4.14622126135607	0.172081798235385	-1.27051801168923
H	0.734751056959931	-2.49817024755036	0.73416726197828
O	-3.32627680499959	-0.107100829252523	0.156343345925755
H	-0.707445384027295	2.65993677251003	-0.500561936461067

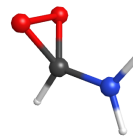
Table 11.8: Transition state. Harmonic vibrational frequency mode at -1522.02 cm^{-1}

C	0.000000	0.000000	0.000000
O	1.081435	-0.454016	-0.236665
N	-1.161992	-0.814922	0.052365
H	-1.059507	-1.732714	-0.376541
H	-1.944599	-0.661718	0.815025
H	-0.232827	1.053717	0.206483
O	-2.469488	-0.135909	-0.306059

11.1.5. Insertion 4



(a) Insertion 4



(b) Transition state

Table 11.9: Insertion 4

C	-1.25804833333591	1.1612995972708	2.4628459e-8
N	-2.27663217526799	-1.08807313108678	1.8902623e-8
H	-0.760940044395322	-2.35712840318304	3.71032675e-7
H	-4.1511902778808	-1.39735398402935	-3.90804775e-7
O	1.1522130184877	1.31347565650364	1.6399304e-8
O	2.23954763411052	-1.17917251522044	-3.4698043e-8
H	-2.3058817387744	2.91366791744772	-2.45728756e-7

Table 11.10: Transition state, Harmonic vibrational frequency mode at -519.75 cm^{-1}

C	0.000000	0.000000	0.000000
N	-1.240538	-0.000325	-0.595565
H	-2.080999	0.000638	-0.044974
H	-1.311314	-0.001569	-1.601028
O	1.039186	-0.759857	-0.554147
O	1.039251	0.759261	-0.554801
H	-0.052188	0.000583	1.090383

11.2. Energies

Table 11.11: Energies in Hartree for all potential products and transition states

Molecule	CCSD(T)/PCVTZ	B3LYP/6-311+G(2d,p)	TS Energy (B3LYP/ 6-311+G(2d,p))
Carbamic acid	-245.020786	-245.232895012	-245.17706262
Insertion 1	-244.929666	-245.142328909	-245.080228086
Insertion 2	-244.926879	-245.142470009	-245.041860249
Insertion 3	-244.925086	-245.14056644	-245.048540727
Insertion 4	-244.848261	-245.068862692	-245.072530052

11.3. Example CFOUR Input File

Carbamic Acid

C

N 1 r2*

H 2 r3* 1 a3*

H 2 r4* 1 a4* 3 d4*

O 1 r5* 2 a5* 3 d5*

H 5 r6* 1 a6* 2 d6*

O 1 r7* 2 a7* 3 d7*

r2 = 1.357700665284118

r3 = 1.001409462555017

a3 = 116.371393511021623

r4 = 1.002018958860528

a4 = 118.847473923673860

d4 = 152.141071154216036

r5 = 1.354669997052433

a5 = 110.418896943212815

d5 = -167.638240494250141

r6 = 0.963387753752109

a6 = 105.433979927539539

d6 = -177.739122106820105

r7 = 1.207622915555206

a7 = 125.863997467536336

d7 = 14.004486205314702

*CFOUR(CALC=CCSD(T)

BASIS=PCVTZ
GEO_METHOD=NR
ABCDTYPE=AOBASIS
FCGRADNEW=2
CC_PROG=NCC
GEO_CONV=7
SCF_CONV=10
CC_CONV=9
LINEQ_CONV=9
LINEQ_MAXCYC=200
GEO_MAXSTEP=150
MULT=1
FROZEN_CORE=OFF
MEM_UNIT=GB
MEM=192)

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www.cfour.de., Title = CFOUR, Coupled-Cluster techniques for Computational Chemistry, a quantum-chemical program package.

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