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COGEMA CANADA LIMITED
BURNTBUSH RIVER PROJECT
CONTRACT GEOPHYSICS
1989, 1990

Ref. #91-CND-47-02A

JL *Qual. No.: 2.14505*
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November, 1991

2.14511



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1 INTRODUCTION

This report summarizes the ground geophysics programs performed on the Burntbush River property during 1989 and 1990.

These data have already been presented in interpreted form in the previous reports describing the drill programs undertaken in 1989 and 1990 (see Cogema Reference nos. 89-CND-47-02, 90-CND-47-01). However, the geophysical results have never been reported in map form exclusive of other (geologic, drill hole location, etc.) information. These are presented at this time to the government of Ontario for assessment purposes.

2 SURVEY LOCATION AND ACCESS

The Burntbush River project comprises 312 contiguous mining claims covering about 50 km² in the townships of Hoblitzell and Noseworthy, northeastern Ontario (see figure 1). It is located at approximately 90 km northwest of La Sarre and 20 km west of the Quebec-Ontario border.

Access to the area during the winter is relatively easy, by way of a winter road system extending north from Tomlinson Road (see figure 2). For linecutting contracts, access was gained simply by way of skidoos from Tomlinson Road.

3 DESCRIPTION OF THE 1989 FIELD PROGRAM

The main target area worked in 1989 was the western part of the property, west of the Burntbush grid as established in 1988 (see Cogema Reference no. 88-CND-47-02).

The first step was a linecutting contract awarded to Meegwich Inc. (of Rouyn-Noranda), in which the Burntbush grid was extended west to the western boundary of the property (total line kilometres of the new grid: 79.3). Lines were cut at 100m spacing and picketed at 25m intervals.

A magnetometer survey was carried out over the grid at 12.5m spacing. The instrument used was an EDA OMNI IV magnetometer. Diurnal variations were corrected using an EDA OMNI IV base station and, in addition repeat readings were taken at arbitrary stations during each survey day.

A horizontal loop electromagnetic survey was also undertaken, using the APEX Parametrics Max-Min I unit. At first, two lines were tested using 100m and 150m cable separations, and seven frequencies (220, 440, 880, 1760, 3520, 7040 and 14080 Hz). From these data, it was decided to do the production survey with 150m cable and with the 440, 1760, 7040 and 14080 frequencies.

The magnetics and HLEM surveys were performed by Val d'Or Geophysique Ltee (of Val d'Or)

4 DESCRIPTION OF THE 1990 FIELD PROGRAM

Following the very encouraging drill program performed in 1989, a much more substantial program of diamond drilling was undertaken in 1990 (see Cogema Reference no. 90-CND-47-01). Consequently, a more ambitious program of linecutting, line rehabilitation and ground geophysics was undertaken.

The old grids covering the shear zone (Burntbush west and Burntbush grids) were repicketed (total 129 km). In addition, a new grid was established to the east of the Burntbush grid (Burntbush grid east). New lines were cut at 100m spacing and picketed at 25m spacing (total 32 km). This work was contracted to Gerard Houle enr. (of Rouyn-Noranda) and was completed during January of 1990.

A magnetometer survey was carried out over the new Burntbush grid east at 12.5m spacing. The instrument used was a proton magnetometer GSM-19 from GEM system, with a 0.1 nT precision. Diurnal variation was corrected with a base station.

A horizontal loop electromagnetic survey was also undertaken, using the APEX Parametrics Max-Min I unit. This survey was performed over the Burntbush and Burntbush east grids (the Burntbush grid established in 1988 had previously been surveyed with VLF-EM but not with the Max-Min). A total of 104km was surveyed using 150m coil separation and 440, 1760, 7040 and 14080 Hz frequencies.

The magnetics and HLEM surveys were contracted to Robert E. Gillick and Associates Ltd. (of North Bay) and were completed between January 23 and February 1, 1990.

5 PRESENTATION OF RESULTS

The magnetics surveys of 1988, 1989 and 1990 have been levelled and are presented together in this report in the form of two map sheets at 1:10 000 scale.

Similarly, the Max-Min surveys of 1989 and 1990 have been presented together.

APPENDIX

81°

80°

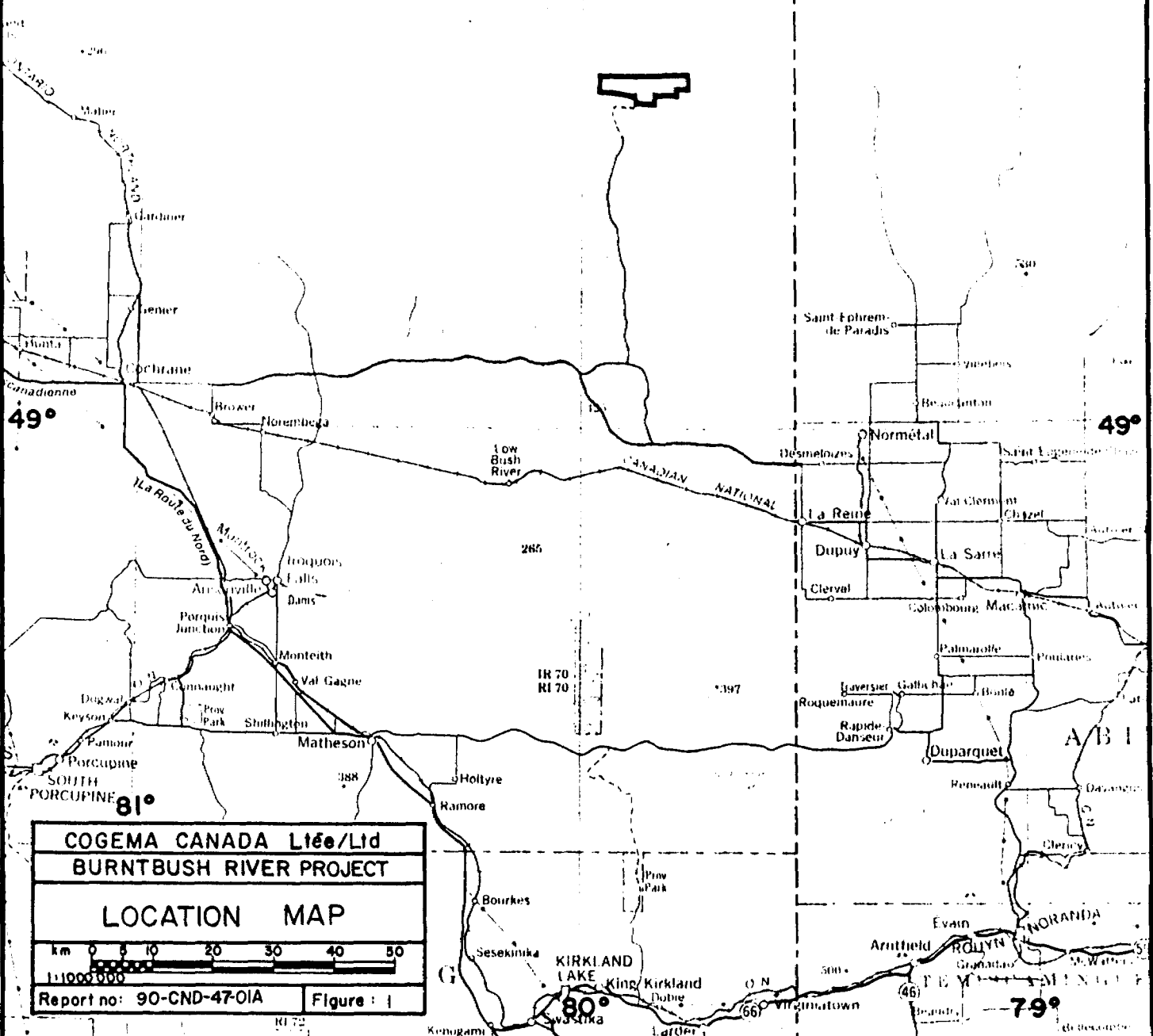
79°

TERRITOIRE
NOUVEAU

50°

50°

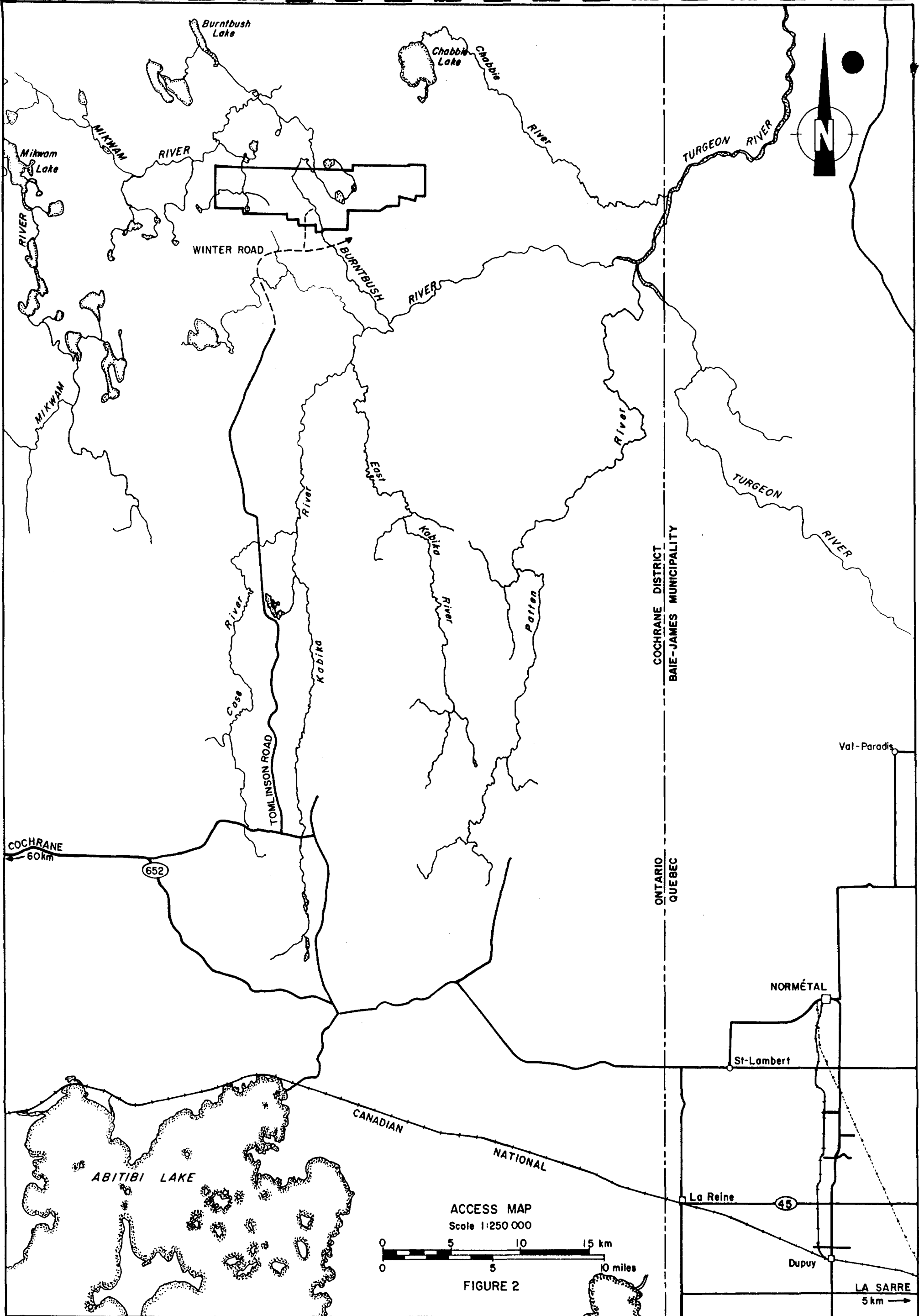
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COGEMA CANADA Ltée/Ltd
BURNTBUSH RIVER PROJECT
LOCATION MAP

km 0 10 20 30 40 50
 1:1000000

Report no: 90-CND-47-01A Figure: 1



APEX

MAXMIN I PORTABLE EM

The MaxMin I ground EM System is designed for mineral and water exploration and for geoenvironmental applications. It is an expansion of the highly popular MaxMin II and III EM System concepts. The frequency range is extended to seven octaves from four. The ranges and numbers of coil separations are increased and new operating modes are added. The receiver can also be used independently for measurements with powerline sources. The advanced spheric and powerline noise rejection is further improved, resulting in faster and more accurate surveys, particularly at larger coil separations. Several receivers may be operated along a single reference cable.

Mating plug in data acquisition computer and cassette unit are available for use with the MaxMin I for automatic digital data acquisition and processing. These units are covered in separate data sheet.



MAXMIN I SPECIFICATIONS:

Frequencies:	110, 220, 440, 880, 1760, 3520, 7040 and 14080 Hz, plus 50/60 Hz powerline frequency (receiver only).	Signal filtering:	Powerline comb filter, continuous spherics noise clipping, autoadjusting time constant and other filtering.
Antennas:	<p>MAX 1: Horizontal loop mode (Transmitter and receiver coil planes horizontal and coplanar).</p> <p>MAX 2: Vertical coplanar loop mode (Transmitter and receiver coil planes vertical and coplanar).</p> <p>MAX 3: Vertical coaxial loop mode (Transmitter and receiver coil planes vertical and coaxial).</p> <p>MIN 1: Perpendicular loop mode 1 (Transmitter coil plane horizontal and receiver coil plane vertical).</p> <p>MIN 2: Perpendicular loop mode 2 (Transmitter coil plane vertical and receiver coil plane horizontal).</p>	Warning lights:	Receiver signal and reference warning lights to indicate potential errors.
Coil separations:	<p>12.5, 25, 50, 75, 100, 125, 150, 200, 250, 300, & 400 metres (standard).</p> <p>10, 20, 40, 60, 80, 100, 120, 160, 200, 240 & 320 metres (selected with grid switch inside of receiver).</p> <p>50, 100, 200, 300, 400, 500, 600, 800, 1000, 1200 & 1600 feet (selected with grid switch inside of receiver).</p>	Survey depth:	From surface down to 1.5 times coil separation used.
Parameters measured:	<p>In-Phase and quadrature components of the secondary magnetic field, in % of primary (transmitted) field.</p> <p>Field amplitude and/or tilt of 50/60 Hz powerline field.</p>	Transmitter dipole moments:	<p>110 Hz: 220 Atm² 1760 Hz: 160 Atm²</p> <p>220 Hz: 215 Atm² 3520 Hz: 80 Atm²</p> <p>440 Hz: 210 Atm² 7040 Hz: 40 Atm²</p> <p>880 Hz: 200 Atm² 14080 Hz: 20 Atm²</p>
Resolution:	Analog direct readouts on edgewise panel meters for in-phase, quadrature and tilt, and for 50/60Hz amplitude. [Additional digital LED readouts when using the DAC, for which interfacing and controls are provided for plug-in].	Reference cable:	Light weight unshielded 4/2 conductor teflon cable for maximum temperature range and for minimum friction. Please specify cable lengths required.
Ranges of readouts:	Analog in-phase and quadrature scales: 0±4%, 0±20%, 0±100%, switch activated. Analog tilt scale: 0±75% grade. [Digital in-phase and quad. 0±102.4%].	Intercom:	Voice communication link provided for operators via the reference cable.
Readability:	Analog in-phase and quadrature 0.05% to 0.5%, analog tilt 1% grade. [Digital in-phase and quadrature 0.1%].	Receiver power supply:	Four standard 9V batteries (0.5Ah, alkaline). Life 30 hrs continuous duty, less in cold weather. Rechargeable battery and charger option available.
Repeatability:	±0.05% to ±1% normally, depending on frequency, coil separation & conditions.	Transmitter power supply:	Rechargeable sealed gel type lead acid 12V-13Ah batteries (4x6V-6 1/2Ah) in canvas belt. Optional 12V-8Ah light duty belt pack available.
		Transmitter battery charger:	For 110-120/220-240VAC, 50/60/400 Hz and 12-15VDC supply operation, automatic float charge mode, three charge status indicator lights. Output 14.4V-1.25A nom.
		Operating temp:	-40 to +60 deg.C.
		Receiver weight:	8 kg, including the two integral ferrite cored antennas (9 kg with data acq. comp.)
		Transmitter weight:	16 kg with standard 12V-13Ah battery pack. 14 kg with light duty 12V-8Ah pack.
		Shipping weight:	59 kg plus weight of reference cables at 2.5 kg per 100 metres plus other optional items if any.
		Standard spares:	One spare transmitter battery pack, one spare transmitter battery charger, two spare transmitter retractile connecting cords, one spare set receiver batteries.

Specifications subject to change without notification.

APEX PARAMETRICS LIMITED

P.O. Box 818, Uxbridge
Ontario, Canada L0C 1K0

Telephones: 416-640-6102
416-852-5875

Cables: APEXPARA TORONTO

Telex: 06-966625 APEXPARA UXB

OMNI IV "Tie-Line" Magnetometer



- Four Magnetometers in One
- Self Correcting for Diurnal Variations
- Reduced Instrumentation Requirements
- 25% Weight Reduction
- User Friendly Keypad Operation
- Universal Computer Interface
- Comprehensive Software Packages



Specifications

Dynamic Range	18,000 to 110,000 gammas. Roll-over display feature suppresses first significant digit upon exceeding 100,000 gammas.
Tuning Method	Tuning value is calculated accurately utilizing a specially developed tuning algorithm
Automatic Fine Tuning	$\pm 15\%$ relative to ambient field strength of last stored value
Display Resolution	0.1 gamma
Processing Sensitivity	± 0.02 gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	± 1 gamma at 50,000 gammas at 23°C ± 2 gamma over total temperature range
Standard Memory Capacity	
Total Field or Gradient	1,200 data blocks or sets of readings
Tie-Line Points	100 data blocks or sets of readings
Base Station	5,000 data blocks or sets of readings
Display	Custom-designed, ruggedized liquid crystal display with an operating temperature range from -40°C to $+55^{\circ}\text{C}$. The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors.
RS 232 Serial I/O Interface	2400 baud, 8 data bits, 2 stop bits, no parity
Gradient Tolerance	6,000 gammas per meter (field proven)
Test Mode	A. Diagnostic testing (data and programmable memory) B. Self Test (hardware)
Sensor	Optimized miniature design. Magnetic cleanliness is consistent with the specified absolute accuracy.
Gradient Sensors	0.5 meter sensor separation (standard), normalized to gammas/meter. Optional 1.0 meter sensor separation available. Horizontal sensors optional.
Sensor Cable	Remains flexible in temperature range specified, includes strain-relief connector
Cycling Time (Base Station Mode)	Programmable from 5 seconds up to 60 minutes in 1 second increments
Operating Environmental Range	-40°C to $+55^{\circ}\text{C}$; 0-100% relative humidity; weatherproof
Power Supply	Non-magnetic rechargeable sealed lead-acid battery cartridge or belt; rechargeable NiCad or Disposable battery cartridge or belt; or 12V DC power source option for base station operation.
Battery Cartridge/Belt Life	2,000 to 5,000 readings, for sealed lead acid power supply, depending upon ambient temperature and rate of readings
Weights and Dimensions	
Instrument Console Only	2.8 kg, 238 x 150 x 250mm
NiCad or Alkaline Battery Cartridge	1.2 kg, 235 x 105 x 90mm
NiCad or Alkaline Battery Belt	1.2 kg, 540 x 100 x 40mm
Lead-Acid Battery Cartridge	1.8 kg, 235 x 105 x 90mm
Lead-Acid Battery Belt	1.8 kg, 540 x 100 x 40mm
Sensor	1.2 kg, 56mm diameter x 200mm
Gradient Sensor (0.5 m separation - standard)	2.1 kg, 56mm diameter x 790mm
Gradient Sensor (1.0 m separation - optional)	2.2 kg, 56mm diameter x 1300mm
Standard System Complement	Instrument console; sensor; 3-meter cable, aluminum sectional sensor staff, power supply, harness assembly, operations manual.
Base Station Option	Standard system plus 30 meter cable
Gradiometer Option	Standard system plus 0.5 meter sensor

E D A Instruments Inc.
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Toronto, Ontario
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Printed in Canada

GEM SYSTEMS

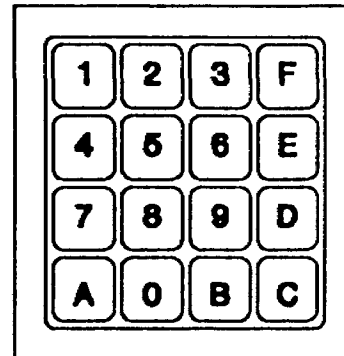
GSM-19

OVERHAUSER MEMORY MAGNETOMETER GRADIOMETER

GEM SYSTEMS, INC.



**GSM - 19 OVERHAUSER
MAGNETOMETER**



**MADE IN
CANADA**

MAGNETOMETER FEATURES:

- True 0.1nT sensitivity, 0.2nT absolute accuracy, 0.01nT resolution.
- Hand-held, base station or remotely controlled operation.
- Gradiometer option.
- VLF option.
- Automatic label updating.
- Data collection and storage by depressing a single key.
- Automatic synchronization of base station and hand-held units.
- Large storage capacity: 3,800 readings standard, 30,000 optional.
- Base station capacity: Up to 170,000 readings (24hr operation at 0.5 second intervals).
- Automatic correction of diurnal variations while preserving original data.
- Full keyboard with tactile feedback.
- Large 4x20 alphanumeric display.
- In-field data recall.
- Remote control operation.
- Data print-outs, optional archiving on PC-compatible tape or direct transfer to a PC.
- Full diagnostics, error code stored with data.
- Automatic tuning, with manual override.
- Adaptable tolerance to high gradients.
- Very compact and light: 4.1 kg total weight, including batteries, sensor and staff. 3.2 kg in back-pack mode.
- Low power consumption: 2 Ws/reading.

SPECIFICATIONS

Resolution:	.001nT (0.01 gamma).
Absolute Accuracy:	.02nT.
Range:	.20,000-120,000nT, autotuning, manual override.
Gradient Tolerance:	.Over 10,000nT/m.

OPERATING MODES:

Manual:	.Automatic storage of label, time and date, magnetic field, 3 sec. minimum interval.
Base Station:	.3 to 60 sec. intervals standard, others optional time, date, magnetic field stored.
Remote Control:	.The same as manual but controlled through RS232C interface.

STORAGE CAPACITY:

Manual Operation:	.3,800 standard, 30,000 optional; with 3 VLF stations 1,850 standard, 3,700 optional.
Base Station:	.21,800 standard, 174,000 optional (24hr operation at 0.5 sec. interval).
Gradiometer:	.3,200 standard, 26,000 optional; with 3 VLF stations 1,700 standard, 3,400 optional.
Power Consumption:	.2 Ws per reading, up to 0.5W standby, less than 0.4mW when off.
Power Source:	.12V 1.9Ah sealed lead acid battery standard, others optional.
Operating Temperature:	.-40 to +60°C
Storage Temperature:	.-70 to +65°C.
Input/output:	.6 pin weatherproof connector, RS-232C, and (optional) analog output.
Dimensions:	.Console 223 X 69 X 240mm Sensor staff 4 X 450mm sections Sensor 170 X 71mm dia
Weight:	.Console 2.1kg Staff 0.9 kg Sensor 1.1kg
Standard Package:	.Console with batteries, harness Sensor with cable, connector, Staff Standard accessories: Charger, manual, case.

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Jellm

4- GROUND GEOPHYSICS RESULTS

4.1 Magnetics (see map 2)

The magnetics survey was carried out mainly over the metavolcanic lithodomain, but low magnetics signature in the northernmost part of the grid (Burntbush grid west) represents the southernmost portion of the metasedimentary lithodomain in this part of the project area.

Within the metavolcanics, three main units are distinguished, based on their magnetic signatures:

- * a northern east-west band about 1 km wide with generally low magnetic signature (but higher than in the metasediments) with elliptical to discontinuous linear higher magnetic trends;
- * a southern area of low magnetics which roughly corresponds to the Spade Lake porphyry;
- * a southern belt of higher magnetics response, into which the Spade Lake porphyry was intruded.

These three units correspond to units already described from the airborne survey (see section 2.4). The magnetics map produced from the ground survey differs slightly from the airborne map, but it probably introduces little or no additional precision, since line spacing of the two surveys is the same.

4.1 Electromagnetics

Before the HLEM production survey was started, two test lines were surveyed using two coil separations and eight frequencies. From these data, we chose a coil separation of 150m and four frequencies (440, 1760, 7040, 14 080 Hz) for the remaining lines on the grid (Burntbush grid west).

Interpreted conductor axes from the 440 and 1760 Hz surveys are shown on Map 2. EM profiles at 1760 Hz are shown on the drill sections (maps 4 to 13).

In the low magnetic (northern) subdivision of the metavolcanic lithodomain, several discontinuous conductors ranging in length from about 600 to 1200 metres have been identified with the survey performed at 440 Hz. Weaker responses at higher frequency suggest that these conductors may represent two more or less continuous horizons which extend across the entire grid. Additional weak, discontinuous responses are observed at 1760 Hz in the west, south of the main conductive horizons.

The westernmost conductor revealed by the 440 Hz survey is associated with an elliptical high magnetic anomaly, and may therefore be due to sulfide mineralization. The remaining conductors have no coincident magnetic anomalies. Furthermore, they generally transect the presumed volcanic stratigraphy at low angle. We interpret these conductors to be faults which are parallel to subparallel to the volcanic stratigraphy. Graphite content has been confirmed by drilling (H76-1, CC-1, BUR-17), but the discontinuous response at 440 Hz suggests that these faults are only locally graphitic.

West of Spade Lake, along the contact between the northern metavolcanic subdivision and the two southern units, a wide continuous anomaly is observed with the 1760 Hz survey, but which is not seen at 440 Hz. This anomaly corresponds to the Spade Lake shear in this area (see later).

East of Spade Lake, in the southern part of the metavolcanic lithodomain, a few short conductors of weak intensity are observed at 1760 Hz. The nature of these conductors is at this time uncertain; one of these was drilled in hole BUR-24 and the core shows no evidence of a conductive unit.

Results of surveys at 7040 and 14 080 Hz have not yet been fully interpreted and will be described at a later time.

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3. SUMMARY OF WORK RESULTS PRIOR TO 1990

3.1 Summary of work and results, Pre-Cogema

Assessment reports show that several companies worked in the Burntbush River area searching for base metals from 1958 to 1982. Most of these programs involved airborne geophysical surveys, with ground geophysics over selected EM anomalies followed by diamond drilling.

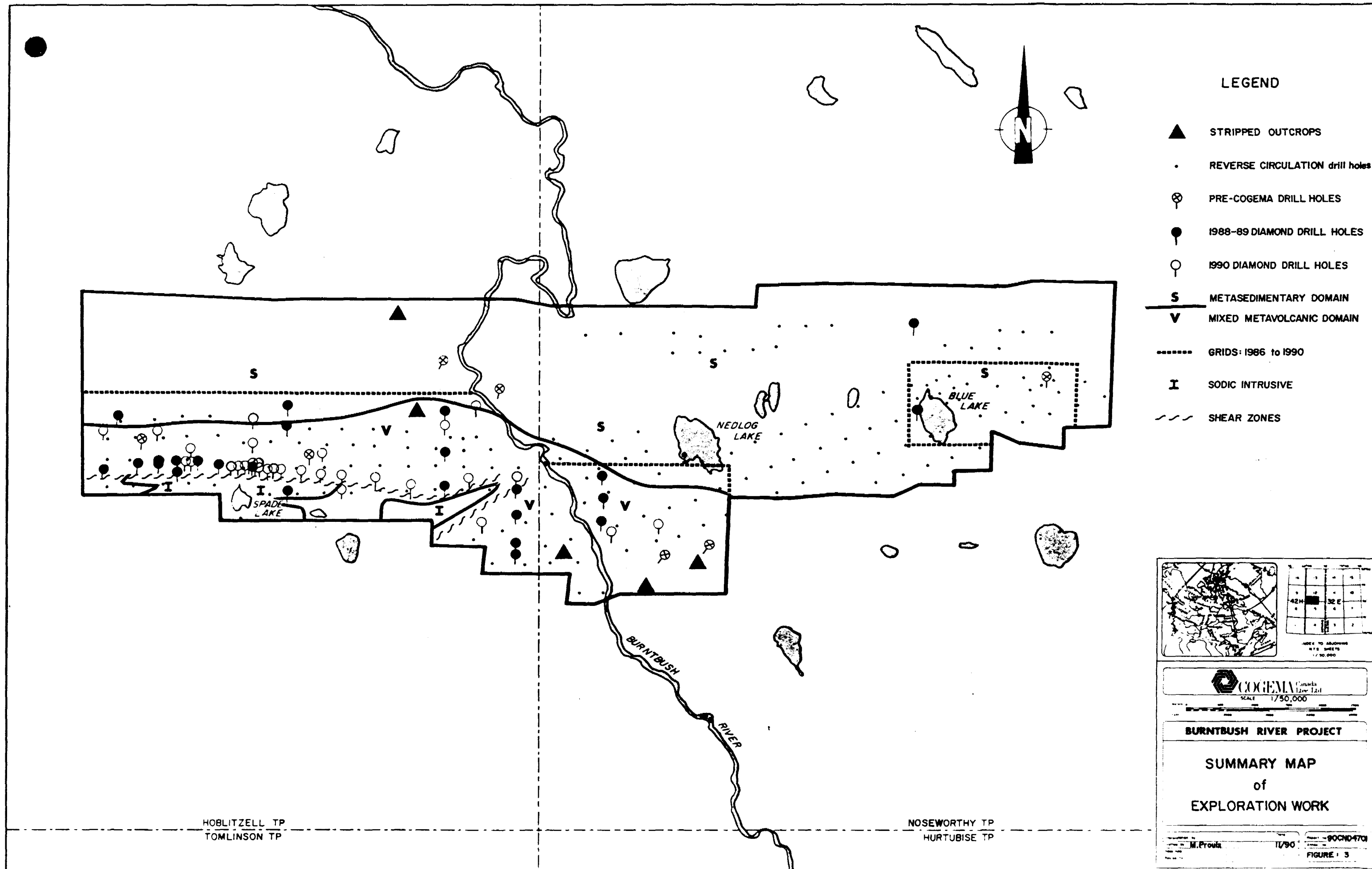
Of these, the following companies drilled EM conductors which are located within the present limits of the Burntbush River property (figure 3):

i)	CONWEST (1958):	CW-1 to CW-7	(6 holes)	Just east of Burntbush River
ii)	NORANDA (1976):	H-76-1	(1 hole)	West part of property
iii)	GEOPHYSICAL (1976) ENGINEERING	CC-4 CC-1	(1 hole) (1 hole)	East part of property West part of property
iv)	DOME (1982)	165E-1, E-2	(2 holes)	North central part of property
		Total	<hr/> 11 holes	

No significant results arose from that work. Most E.M. anomalies were explained by barren pyritic and/or pyrrhotitic horizon or graphitic rocks. It should be noted however that no gold analytical results are available for the Conwest and Noranda holes.

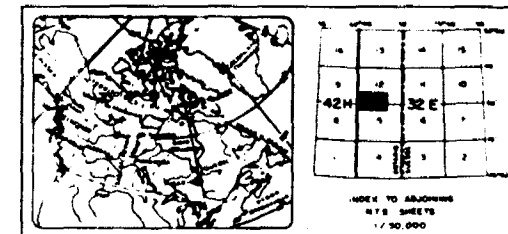
In 1984, the present property (excepting 12 claims held by Dome up until 1986) was staked for Ameritex Resources, who commissioned an airborne geophysical survey over the property (magnetics and VLF by Aerodat). Cogema Canada acquired the property in May 1986 from Ameritex.

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LEGEND

- ▲ STRIPPED OUTCROPS
- REVERSE CIRCULATION drill holes
- ⊗ PRE-COGEMA DRILL HOLES
- 1988-89 DIAMOND DRILL HOLES
- 1990 DIAMOND DRILL HOLES
- S** METASEDIMENTARY DOMAIN
- V** MIXED METAVOLCANIC DOMAIN
- GRIDS: 1986 to 1990
- I** SODIC INTRUSIVE
- ~~~~ SHEAR ZONES



COGEMA Canada
Law Ltd
SCALE 1:750,000

BURNTBUSH RIVER PROJECT

**SUMMARY MAP
of
EXPLORATION WORK**

Author: M. Proda
Date: 11/90
Project: 90CND-4701
FIGURE 3

3.2 Summary of work and results: Cogema 1986 to 1989

In 1986, the following work was performed:

- . 12 claims, previously owned by Dome, were added to the property;
- . geological traverses at 100 m spacing were performed to identify, map and sample surface exposures of bedrock;
- . five of the largest outcrop areas were mechanically stripped, and these were mapped and further sampled;
- . an airborne magnetics, VLF and frequency domain EM survey was flown at 100 m spacing by Dighem. This survey provided a larger coverage of the area and the EM survey lacking in the Aeorodat survey.

Results:

The property has very limited outcrop exposure. Geological mapping outlined several undocumented outcrops of which the most important were stripped (figure 3). This work provided the basis of the geological knowledge of the property. Several zones of shearing were outlined and a few localized gold anomalies discovered (up to 110 ppb Au in outcrop).

The magnetic survey results permitted the division of the property into a northern low magnetic metasedimentary domain and a southern mixed volcanic dominated domain of variable magnetic susceptibilities (figure 3). Several conductors were outlined by the E.M. survey.

In 1987, exploration work consisted of:

- . 133 reverse circulation drill holes (3,159 meters) concentrated in the southern half of the property as to cover the metasedimentary-metavolcanic contact (Casa-Berardi target) and the mixed metavolcanic domain (figure 3).

Results:

Study of the survey indicated that most of the lodgment till was removed or reworked by a later ice sheet readvance. An area near Blue Lake (figure 3) which contained significant gold in sands and gravel was selected as anomalous. The survey also provided bedrock samples throughout the property giving further insights of the geology of the area and provided valuable access roads.

In 1988, exploration work included:

- . 201 km of linecutting at 50 m line spacing over 2 grids:
 - Burntbush grid (central part of property)
 - Blue Lake grid (including anomalous area)
- . Ground magnetometer and VLF surveys over the grids.
- . 6 induced polarization dipole-dipole test lines, mainly over the Blue Lake grid (8 km).
- . 40 additional reverse circulation holes (758 meters) to complete the previous regional survey done in 1987.
- . 13 diamond drill holes (BUR-1 to BUR-13) for a total of 2,905 meters.

Ten (10) diamond drill holes were drilled along three fences in the south-central part of the property (Burntbush grid) where reverse circulation drilling indicated variable rock types and weakly anomalous gold values (up to 31 ppb) and where airborne magnetics results suggested probable structural (but also possibly stratigraphic) contacts of potential interest.

The remaining three holes were more widely distributed across the property. Two holes were drilled in the metasediments: the first to test a strong E-W magnetic anomaly in the northeastern portion of the property, the second to test an IP anomaly on Blue Lake grid near the anomalous reverse circulation zone. Finally, one hole (BUR-12) was drilled west of Spade Lake to test a magnetic contact where reverse circulation drilling had again indicated weakly anomalous gold values (up to 28 ppb in bedrock).

Results:

The most significant result of the 1988 campaign was the collaring of BUR-12 in a sheared, pyritic, gold anomalous shear zone which returned several sections with greater than 100 ppb Au distributed over a total width of 40 meters.

In addition, an anomalous zone a few meters thick was intersected in BUR-9 and isolated gold anomalies were outlined in BUR-5, BUR-10, BUR-11 and BUR-13.

In 1989, work performed included:

- . Western extension of Burntbush grid to western limit (79 km).
- . Magnetometer and Max-Min surveys (4 frequencies) over the grid.
- . 12 diamond drill holes BUR-14 to BUR-25 (2,433 meters).

Two main targets were tested:

- . The shear zone outlined by BUR-12.
- . The major contact of the metasedimentary and metavolcanic domains.

Results:

The main results of the 1989 drill program were:

- . The delimitation of a 40 to 100 meter thick auriferous E-W, north dipping shear zone first outlined in BUR-12 with a probable minimum strike length of 5 km from the western boundary to BUR-9.
- . The geochemically anomalous nature of the shear zone over its entire width (100 to 200 ppb Au) in the seven 1989 holes drilled in its western part including several subeconomic intersections > 1 g/t Au and one economic intersection in BUR-19: 7.90 g/t Au over 4.5 m.
- . The fact that the shear zone had not been drilled for a distance of 500 meters westward from BUR-19 and for 2.8 km eastward to BUR-9.
- . The absence of shearing or mineralization at the major metasedimentary-metavolcanic contact.

4. DESCRIPTION OF THE 1990 FIELD PROGRAM

The main objectives of the 1990 field program were to:

1. Follow-up at close spacing the economic intersection of BUR-19 (7.90 g/t Au / 4.5 m).
2. Continue testing the Spade Lake shear zone westward from BUR-9 and tracing it eastward from BUR-9 east of the Burntbush River.
3. Continue regional exploration to define other auriferous zones.

To attain these objectives, the old grids covering the shear zone (Burntbush west and Burntbush grids) previously cut in the winter, were repicketed (total 129 km). In addition, a new grid was established in the extension of the Burntbush grid east of the River (37 km). This work was contracted to Gérard Houle of Rouyn-Noranda. New lines were cut at 100 m spacing and picketed at 25 m intervals. A magnetometer survey was carried out over the new grid at 12.5 m spacing (32 km). The instrument used was a proton magnetometer GSM-19 from GEM system, with a 0.1 nT precision. Diurnal variation were corrected with a base station.

Since the Spade Lake shear zone can be traced as a high frequency HLEM conductor, a MAX-MIN 1 survey was performed over the new grid and the original Burntbush grid which had only been surveyed with VLF. A total of 104 km was surveyed using a 150 m coil spacing and 440, 1,760, 7,040 and 14,080 hz frequencies. E. Gillick of North Bay, Ontario was contracted for both the magnetic and HLEM surveys.

A diamond drill program comprising 30 holes totalling 6,353 meters was executed by Forage Mercier inc. of Boisbriand, Quebec. Table 1 summarizes drilling performed. Two unitized Long Year 38 drill rigs were used to extract BQ core in 10 foot runs.

A summary of all work performed in 1990 is presented in figure 4.

Table 1:

DRILLING SUMMARY - BURNTBUSH RIVER PROJECT 1990

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<u>Hole #</u> (drill#)	<u>Started</u> <u>Completed</u>	<u>Collar</u> <u>Coordinates</u>	<u>Azimuth</u> <u>Inclination</u>	<u>Overburden</u> <u>Bedrock</u>	<u>Total Depth</u> (meters)
BUR-26 (#1)	6/02- 8/02/90	X 4900W Y 000	182 -45	35.7 166.7	202.4
BUR-27 (#1)	8/02- 10/02/90	X 4850W Y 000	180 -65	23.8 197.2	221.0
BUR-28 (#1)	10/02- 13/02/90	X 4700W Y 000	181 -45	16.2 250.2	266.4
BUR-29 (#1)	13/02 15/02/90	X 4750W Y 020S	180 -75	32.9 238.6	254.8
BUR-30 (#1)	15/02 18/02/90	X 4400W Y 050S	180 -45	32.9 150.6	183.5
BUR-31 (#1)	18/02- 22/02/90	X 500E Y 1000S	180 -50	40.5 223.2	263.7
BUR-32 (#1)	22/02- 25/02/90	X 1200E Y 900S	180 -50	34.1 174.7	208.8
BUR-33 (#1)	26/02- 28/02/90	X 900W Y 200S	180 -45	16.5 186.2	202.7
BUR-34 (#1)	5/03- 7/03/90	X 3500W Y 350S	180 -45.5	39.9 156.1	196.0
BUR-35 (#1)	8/03- 9/03/90	X 3500W Y 150S	180 -45	12.2 208.6	220.8
BUR-36 (#1)	10/03- 11/03/90	X 5000W Y 000	179 -45	24.7 153.6	178.3
BUR-37 (#1)	12/03- 14/03/90	X 4600W Y 025S	180 -45	19.8 239.3	259.1
BUR-38 (#1)	14/03- 15/03/90	X 3800W Y 100S	180 -44.5	12.2 175.4	187.6
BUR-39 (#1)	15/03- 17/03/90	X 4100W Y 050S	179 -44.5	18.6 205.4	224.0
BUR-40 (#1)	17/03- 19/03/90	X 3000W Y 200S	180 -44	17.7 178.9	196.6
BUR-41 (#1)	19/03- 21/03/90	X 2500W Y 275S	180 -45	10.7 199.9	210.6

Table 1:

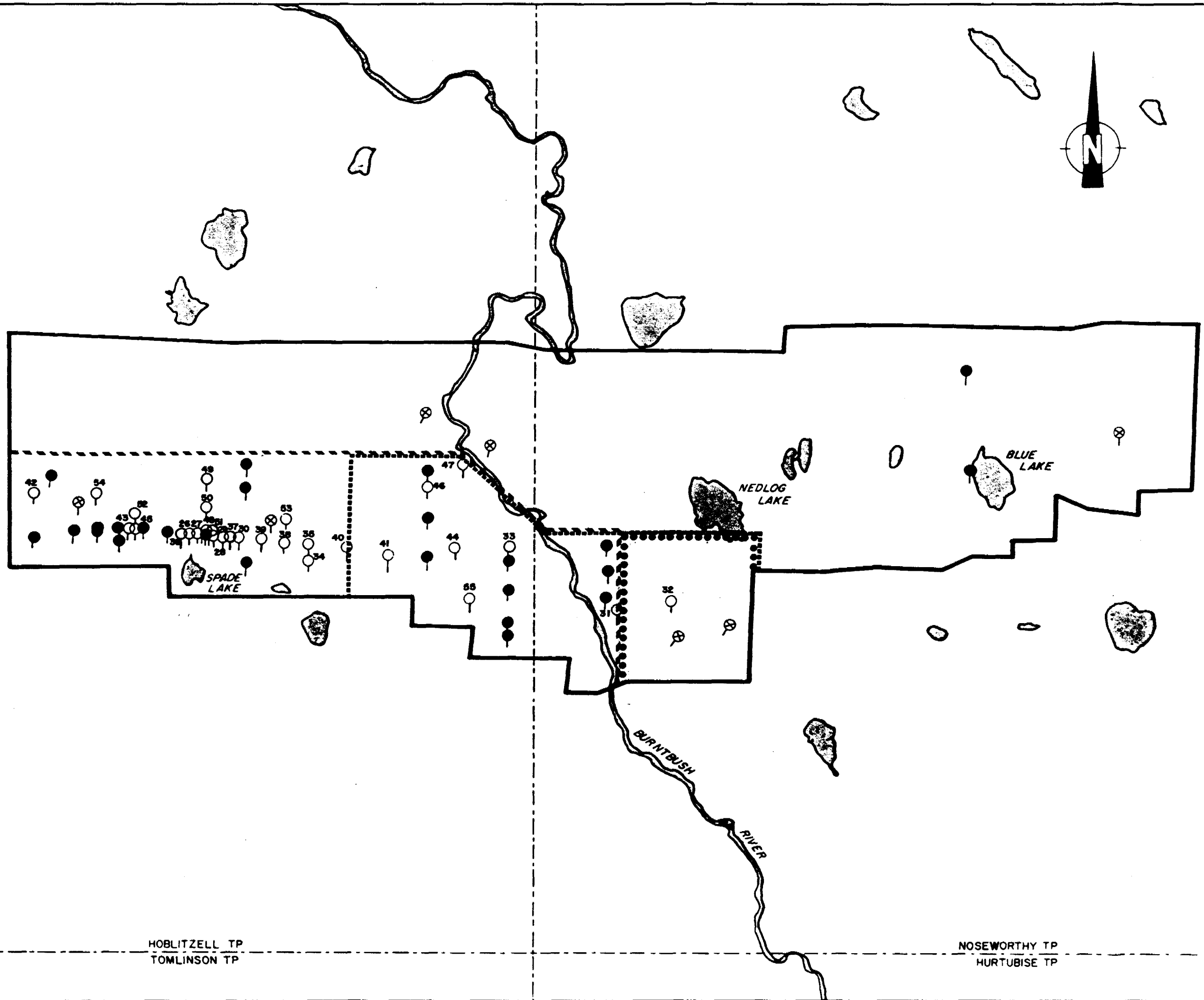
DRILLING SUMMARY - BURNTBUSH RIVER PROJECT 1990

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BUR-42 (#2)	18/03- 23/03/90	X 7000W Y 075N	180 -45	10.5 152.9	163.4
BUR-43 (#2)	21/03- 23/03/90	X 5800W Y 075N	180 -45	19.1 170.2	189.3
BUR-44 (#1)	21/03- 23/03/90	X 1600W Y 200S	180 -44.5	17.4 212.7	230.1
BUR-45 (#2)	23/03- 25/03/90	X 5700W Y 075N	180 -44.5	16.0 167.8	183.8
BUR-46 (#1)	23/03- 26/03/90	X 2000W Y 600N	180 -44	26.2 136.9	163.1
BUR-47 (#1)	26/03- 28/03/90	X 1500W Y 875N	179 -45	13.1 195.7	208.8
BUR-48 (#2)	26/03- 30/03/90	X 4800W Y 075N	180 -45	21.3 251.5	272.8
BUR-49 (#1)	29/03- 30/03/90	X 4800W Y 725N	180 -44	13.4 161.9	175.3
BUR-50 (#2)	30/03- 2/04/90	X 4800W Y 350N	-183 -45	17.4 174.0	191.4
BUR-51 (#1)	30/03- 1/04/90	X 4750W Y 040N	180 -44	19.8 219.5	239.3
BUR-52 (#2)	2/04- 4/04/90	X 5700W Y 300N	180 -44.5	22.3 195.6	217.9
BUR-53 (#1)	2/04- 3/04/90	X 3800W Y 200N	180 -43.5	22.0 159.4	181.4
BUR-54 (#2)	5/04- 7/04/90	X 6200W Y 575N	182 -44	4.0 201.7	205.7
BUR-55 (#1)	4/04- 7/04/90	X 1400W Y 850S	180 -44	5.5 249.3	254.8
CUMULATIVE TOTALS OVERBURDEN				599.7	
(1990) BEDROCK				5753.7	
TOTAL					6353.4
(1988-1990) OVERBURDEN				1268.9	
BEDROCK				10 421.8	
TOTAL					11 690.7

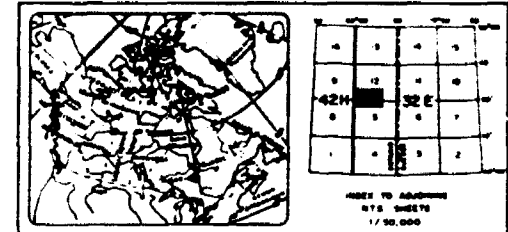
LEGEND

- New line cutting : 37 km
- Magnetometer survey : 32 km
- - - - Line repicketing : 129 km
- Max-min 1 (4 frequencies): 104 km
- ⊙ Diamond drilling: BUR: 26 to 55
30 holes (6 353m)



HOBLITZELL TP
TOMLINSON TP

NOSEWORTHY TP
HURTUBISE TP



COGEMA Canada
Line Ltd.
SCALE 1/50,000

BURNTBUSH RIVER PROJECT

SUMMARY MAP
of
WORK PERFORMED in 1990

Prepared by: M. Proulx Date: 1/90
Project: -90CND70
FIGURE 4

Drill core was logged and sampled by Cogema's personnel. Footages were converted to meters and logging was performed at 1:100 scale. Samples were analyzed for Au, K_2O , Na_2O and where chalcopyrite was observed for Cu and Zn by X-Ral Laboratories of Rouyn-Noranda. Sample interval for Au, K_2O , Na_2O (Cu, Zn) was 1.5 or 1 meter except in areas of core loss. In addition, 0.5 meter intervals of various units were sent to Chimatec in Ste-Foy, Quebec for major elements, CO_2 , Au and 33 minor elements analyses. Thin sections were taken from most of these samples. Results from thin section study and major and minor element geochemistry will be discussed in a separate report. Only an overview of the main results where pertinent will be presented in this report.

5. GROUND GEOPHYSICS RESULTS

Results presented summarize work done by Cogema's geophysicist Rodney Koch.

The new magnetic survey was leveled with previous surveys. The area under study which corresponds to the eastern portion the grid area and which falls mostly in the large mixed metavolcanic terrane is characterized by (map 1B):

- . A northern low magnetic domain which corresponds to the southern part of the metasedimentary domain.
- . A central portion with moderate magnetic relief similar to the band north of the Spade Lake shear zone further west.
- . A southern portion characterized by higher magnetics similar to the domain south of the Spade Lake shear zone further west.
- . A few thin N-S linear highs interpreted as Proterozoic diabase dykes.

Conductors outlined by the HLEM survey are also shown along with previously known conductors on the compilation map (map 1).

Briefly, the following results can be highlighted:

- . The high-frequency HLEM conductors defining the Spade Lake shear zone were not extended much further east than BUR-9.
- . A high frequency conductor corresponding to a magnetic high in the central east portion of the grid area is very similar in response to the long conductor straddling the major metasedimentary-metavolcanic contact and is interpreted as a stratigraphic horizon.
- . A few well defined strong to moderate bedrock conductors are present in the new grid area.

BURNTBUSH RIVER PROJECT

LISTING OF MAXMIN I AND MAGNETIC SURVEYS

Notes:

Column 1: line: - = west
 + = east

Column 2: station: - = south
 + = north

Columns 3 - 10: MaxMin I readings - 4 frequencies
 in-phase rdg precedes out-of-phase rdg

Column 11: levelled magnetic readings
 (background subtracted: -58 000nT)

RECEIVED

MAY 14 1992

MINING LANDS BRANCH

BURNTBUSH RIVER PROJECT

MaxMin 1 and Magnetic Surveys

Line Station	440 Hz	1760 Hz	7040 Hz	14080 Hz	Mag					
-7300	-325	-4.0	-1.0	-2.0	-4.0	0.0	-26.0	-23.0	-63.0	1208.6
-7300	-300	-4.0	-1.0	-3.0	-5.0	2.0	-26.0	-22.0	-65.0	1209.6
-7300	-275	-4.0	-2.0	-2.0	-3.0	3.0	-28.0	-24.0	-68.0	1156.3
-7300	-250	-4.0	-1.0	-2.0	-3.0	4.0	-29.0	-26.0	-73.0	1186.9
-7300	-225	-4.0	-1.0	-2.0	-4.0	3.0	-33.0	-32.0	-72.0	1641.4
-7300	-200	-3.0	-1.0	-1.0	-4.0	4.0	-34.0	-33.0	-74.0	1726.2
-7300	-175	-3.0	-2.0	-2.0	-5.0	-1.0	-37.0	-43.0	-73.0	1323.1
-7300	-150	-3.0	-2.0	-1.0	-9.0	-9.0	-41.0	-54.0	-69.0	1285.1
-7300	-125	-3.0	-3.0	-3.0	-11.0	-17.0	-45.0	-60.0	-63.0	1499.2
-7300	-100	-4.0	-3.0	-4.0	-12.0	-22.0	-43.0	-63.0	-58.0	1262.2
-7300	-75	-3.0	-3.0	-4.0	-13.0	-22.0	-44.0	-64.0	-59.0	1136.9
-7300	-50	-3.0	-2.0	-2.0	-8.0	-10.0	-37.0	-48.0	-63.0	1098.1
-7300	-25	-3.0	-1.0	0.0	-3.0	2.0	-37.0	-35.0	-71.0	1009.3
-7300	0	-3.0	0.0	1.0	2.0	16.0	-27.0	-17.0	-75.0	1200.6
-7300	25	-4.0	1.0	2.0	4.0	19.0	-24.0	-5.0	-73.0	1149.0
-7300	50	-4.0	1.0	2.0	3.0	17.0	-24.0	-5.0	-72.0	887.6
-7300	75	-3.0	1.0	2.0	4.0	19.0	-22.0	2.0	-68.0	840.6
-7300	100	-3.0	1.0	2.0	2.0	15.0	-24.0	-7.0	-71.0	840.9
-7300	125	-3.0	1.0	1.0	3.0	16.0	-21.0	-2.0	-67.0	878.5
-7300	150	-4.0	0.0	0.0	-1.0	7.0	-26.0	-14.0	-66.0	861.5
-7300	175	-4.0	-1.0	0.0	-3.0	3.0	-23.0	-23.0	-65.0	850.8
-7300	200	-3.0	-1.0	0.0	-2.0	2.0	-25.0	-19.0	-62.0	857.8
-7300	225	-3.0	-1.0	-1.0	-4.0	0.0	-31.0	-26.0	-64.0	819.7
-7300	250	-4.0	0.0	-1.0	-3.0	1.0	-31.0	-29.0	-64.0	787.8
-7300	275	-3.0	0.0	0.0	-2.0	5.0	-27.0	-20.0	-65.0	768.5
-7300	300	-3.0	1.0	1.0	2.0	16.0	-23.0	-3.0	-68.0	763.7
-7300	325	-3.0	3.0	4.0	9.0	33.0	-12.0	24.0	-72.0	760.5
-7300	350	-2.0	5.0	7.0	14.0	47.0	-4.0	48.0	-75.0	787.2
-7300	375	-4.0	-2.0	-5.0	-1.0	8.0	-17.0	-5.0	-56.0	821.6
-7300	400	-8.0	-9.0	-18.0	-15.0	-32.0	-23.0	-45.0	-36.0	819.2
-7300	425	-9.0	-10.0	-18.0	-15.0	-28.0	-26.0	-51.0	-36.0	799.5
-7300	450	-9.0	-8.0	-17.0	-14.0	-37.0	-27.0	-53.0	-37.0	948.1
-7300	475	-8.0	-8.0	-16.0	-16.0	-35.0	-32.0	-59.0	-38.0	994.9
-7300	500	-7.0	-8.0	-15.0	-19.0	-38.0	-36.0	-65.0	-40.0	1015.5
-7300	525	-5.0	-1.0	-9.0	-11.0	-17.0	-23.0	-30.0	-45.0	887.1
-7300	550	-2.0	3.0	6.0	2.0	11.0	-24.0	-7.0	-59.0	857.7
-7300	575	-2.0	4.0	9.0	4.0	16.0	-23.0	0.0	-58.0	838.5
-7300	600	-2.0	3.0	7.0	-1.0	8.0	-31.0	-15.0	-60.0	824.7
-7300	625	-2.0	2.0	6.0	0.0	9.0	-25.0	-10.0	-58.0	880.1
-7300	650	-2.0	2.0	4.0	1.0	10.0	-21.0	-2.0	-49.0	1086.0
-7300	675	-2.0	2.0	3.0	2.0	11.0	-17.0	3.0	-26.0	1024.0
-7300	700	-3.0	1.0	2.0	2.0	10.0	-13.0	8.0	-41.0	874.8
-7300	725	-3.0	1.0	1.0	4.0	13.0	-6.0	18.0	-32.0	790.3
-7300	750	-2.0	3.0	2.0	10.0	23.0	11.0	40.0	-12.0	778.5
-7300	775	-3.0	3.0	1.0	8.0	19.0	9.0	35.0	-4.0	771.0
-7300	800	-3.0	2.0	0.0	7.0	15.0	8.0	32.0	-7.0	726.2
-7300	825	-3.0	1.0	-1.0	8.0	14.0	14.0	36.0	6.0	730.1
-7200	-325	-3.0	1.0	-1.0	4.0	19.0	-5.0	24.0	-48.0	1289.0
-7200	-300	-3.0	0.0	0.0	2.0	15.0	-15.0	8.0	-57.0	1470.0
-7200	-275	-3.0	-1.0	0.0	-2.0	7.0	-23.0	-11.0	-63.0	1343.2
-7200	-250	-3.0	-1.0	-1.0	-4.0	0.0	-32.0	-29.0	-67.0	1152.8
-7200	-225	-3.0	-2.0	-2.0	-5.0	-2.0	-36.0	-38.0	-68.0	1456.3
-7200	-200	-4.0	-2.0	-2.0	-6.0	-4.0	-38.0	-43.0	-71.0	1861.8
-7200	-175	-4.0	-2.0	-2.0	-6.0	-5.0	-40.0	-47.0	-72.0	1736.7
-7200	-150	-4.0	-2.0	-2.0	-6.0	-3.0	-37.0	-46.0	-72.0	1390.8
-7200	-125	-3.0	2.0	-2.0	-9.0	-10.0	-43.0	-56.0	-67.0	1463.9
-7200	-100	-4.0	-3.0	-3.0	-12.0	-20.0	-46.0	-65.0	-62.0	1222.1

-7200	-75	-4.0	-3.0	-3.0	-12.0	-20.0	-44.0	-63.0	-63.0	1104.6
-7200	-50	-3.0	-2.0	-1.0	-7.0	-8.0	-41.0	-50.0	-65.0	1054.2
-7200	-25	-4.0	0.0	0.0	-2.0	5.0	-34.0	-29.0	-73.0	991.1
-7200	0	-4.0	1.0	2.0	2.0	14.0	-28.0	-12.0	-71.0	1160.1
-7200	25	-4.0	3.0	3.0	8.0	24.0	-20.0	10.0	-66.0	1176.6
-7200	50	-3.0	3.0	4.0	11.0	34.0	-7.0	33.0	-57.0	933.0
-7200	75	-3.0	3.0	4.0	13.0	38.0	-3.0	45.0	-53.0	842.1
-7200	100	-3.0	3.0	4.0	10.0	34.0	-3.0	37.0	-55.0	790.1
-7200	125	-3.0	3.0	3.0	11.0	33.0	-1.0	41.0	-51.0	764.1
-7200	150	-4.0	2.0	2.0	9.0	29.0	-2.0	37.0	-50.0	762.8
-7200	175	-4.0	1.0	1.0	3.0	17.0	-17.0	8.0	-56.0	854.0
-7200	200	-4.0	0.0	-1.0	-2.0	4.0	-28.0	-17.0	-62.0	863.4
-7200	225	-4.0	-1.0	-1.0	-5.0	-4.0	-36.0	-34.0	-62.0	793.9
-7200	250	-3.0	-1.0	-1.0	-5.0	-3.0	-33.0	-33.0	-61.0	756.2
-7200	275	-3.0	-1.0	0.0	-4.0	-1.0	-33.0	-30.0	-62.0	735.7
-7200	300	-3.0	1.0	1.0	0.0	8.0	-26.0	-16.0	-64.0	744.9
-7200	325	-3.0	2.0	3.0	5.0	21.0	-20.0	6.0	-67.0	750.3
-7200	350	-3.0	2.0	3.0	7.0	25.0	-17.0	13.0	-67.0	758.5
-7200	375	-7.0	-1.0	-3.0	3.0	12.0	-19.0	-2.0	-56.0	799.6
-7200	400	-12.0	-4.0	-11.0	0.0	-2.0	-16.0	-12.0	-43.0	951.9
-7200	425	-14.0	-6.0	-16.0	-3.0	-11.0	-11.0	-14.0	-28.0	1017.3
-7200	450	-14.0	-6.0	-16.0	-3.0	-14.0	-9.0	-16.0	-22.0	919.0
-7200	475	-12.0	-4.0	-13.0	-4.0	-11.0	-10.0	-11.0	-26.0	850.3
-7200	500	-6.0	-2.0	-6.0	-4.0	-5.0	-17.0	-14.0	-37.0	973.3
-7200	525	0.0	0.0	2.0	-4.0	0.0	-22.0	-13.0	-47.0	812.6
-7200	550	3.0	1.0	6.0	-6.0	-1.0	-30.0	-23.0	-56.0	855.5
-7200	575	3.0	1.0	7.0	-7.0	-1.0	-36.0	-31.0	-64.0	828.1
-7200	600	1.0	-1.0	3.0	-9.0	-8.0	-37.0	-38.0	-60.0	814.8
-7200	625	0.0	-1.0	3.0	-7.0	-6.0	-34.0	-33.0	-60.0	881.7
-7200	650	-2.0	0.0	2.0	-5.0	-1.0	-28.0	-23.0	-58.0	1034.1
-7200	675	-2.0	0.0	1.0	-4.0	2.0	-23.0	-12.0	-50.0	1097.0
-7200	700	-2.0	1.0	1.0	-1.0	6.0	-14.0	3.0	-37.0	915.3
-7200	725	-3.0	1.0	1.0	2.0	9.0	-7.0	12.0	-32.0	810.5
-7200	750	-2.0	3.0	2.0	6.0	16.0	-1.0	25.0	-22.0	761.3
-7200	775	-2.0	3.0	2.0	7.0	17.0	5.0	29.0	-13.0	747.4
-7200	800	-3.0	1.0	2.0	4.0	11.0	-1.0	18.0	-19.0	735.1
-7200	825	-3.0	1.0	0.0	1.0	6.0	-9.0	6.0	-24.0	728.0
-7100	-325	-3.0	2.0	0.0	6.0	22.0	2.0	40.0	-26.0	1898.3
-7100	-300	-3.0	1.0	0.0	5.0	18.0	-12.0	28.0	-39.0	1618.7
-7100	-275	-3.0	-1.0	0.0	-2.0	7.0	-21.0	-7.0	-57.0	1488.0
-7100	-250	-2.0	-2.0	-1.0	-6.0	-4.0	-33.0	-35.0	-63.0	1134.9
-7100	-225	-3.0	-2.0	-1.0	-9.0	-11.0	-39.0	-48.0	-65.0	1402.9
-7100	-200	-3.0	-3.0	-3.0	-11.0	-15.0	-43.0	-57.0	-64.0	1810.9
-7100	-175	-3.0	-4.0	-4.0	-14.0	-26.0	-47.0	-57.0	-68.0	1797.2
-7100	-150	-3.0	-4.0	-5.0	-15.0	-25.0	-46.0	-70.0	-59.0	1468.9
-7100	-125	-3.0	-3.0	-4.0	-12.0	-21.0	-46.0	-67.0	-62.0	1413.0
-7100	-100	-3.0	-3.0	-3.0	-11.0	-16.0	-44.0	-62.0	-63.0	1208.6
-7100	-75	-4.0	-3.0	-3.0	-12.0	-15.0	-44.0	-58.0	-63.0	1088.7
-7100	-50	-4.0	-2.0	-1.0	-5.0	-3.0	-37.0	-40.0	-68.0	977.1
-7100	-25	-3.0	0.0	3.0	2.0	14.0	-32.0	-16.0	-74.0	882.7
-7100	0	-3.0	2.0	4.0	7.0	26.0	-22.0	6.0	-73.0	945.7
-7100	25	-3.0	2.0	4.0	6.0	21.0	-24.0	-1.0	-72.0	1148.4
-7100	50	-3.0	2.0	3.0	5.0	20.0	-23.0	1.0	-68.0	1022.3
-7100	75	-3.0	2.0	3.0	7.0	23.0	-16.0	14.0	-61.0	915.8
-7100	100	-2.0	3.0	4.0	8.0	27.0	-9.0	27.0	-53.0	853.5
-7100	125	-3.0	2.0	2.0	7.0	24.0	-9.0	26.0	-53.0	774.8
-7100	150	-3.0	2.0	2.0	6.0	21.0	-11.0	21.0	-52.0	734.7
-7100	175	-3.0	2.0	1.0	5.0	18.0	-11.0	17.0	-48.0	728.6
-7100	200	-3.0	1.0	1.0	1.0	11.0	-17.0	1.0	-53.0	726.5
-7100	225	-3.0	0.0	0.0	-2.0	2.0	-23.0	-14.0	-57.0	775.2

-7100	250	-3.0	0.0	0.0	-3.0	0.0	-27.0	-27.0	-59.0	777.0
-7100	275	-3.0	-1.0	0.0	-3.0	1.0	-28.0	-23.0	-61.0	726.2
-7100	300	-3.0	0.0	1.0	-1.0	6.0	-25.0	-14.0	-62.0	702.0
-7100	325	-3.0	1.0	3.0	4.0	19.0	-17.0	12.0	-62.0	703.4
-7100	350	-3.0	2.0	2.0	4.0	21.0	-18.0	11.0	-64.0	706.1
-7100	375	-3.0	0.0	1.0	1.0	12.0	-21.0	-3.0	-59.0	715.0
-7100	400	-4.0	-2.0	-4.0	-5.0	-5.0	-23.0	-22.0	-46.0	748.1
-7100	425	-5.0	-4.0	-8.0	-7.0	-12.0	-18.0	-23.0	-32.0	883.3
-7100	450	-7.0	-4.0	-11.0	-7.0	-14.0	-12.0	-19.0	-21.0	881.7
-7100	475	-7.0	-4.0	-6.0	-5.0	-11.0	-4.0	-9.0	-10.0	751.6
-7100	500	-7.0	-1.0	-6.0	3.0	3.0	12.0	18.0	11.0	774.9
-7100	525	-3.0	2.0	1.0	7.0	16.0	5.0	22.0	-14.0	899.0
-7100	550	-2.0	3.0	5.0	5.0	16.0	-12.0	12.0	-40.0	819.8
-7100	575	0.0	2.0	6.0	-2.0	6.0	-32.0	-19.0	-63.0	856.1
-7100	600	0.0	0.0	5.0	-8.0	-6.0	-39.0	-39.0	-64.0	825.8
-7100	625	0.0	-1.0	3.0	-11.0	-14.0	-43.0	-50.0	-63.0	810.7
-7100	650	0.0	-1.0	2.0	-11.0	-15.0	-42.0	-50.0	-60.0	870.5
-7100	675	0.0	0.0	2.0	-8.0	-8.0	-33.0	-29.0	-57.0	933.3
-7100	700	0.0	0.0	2.0	-6.0	-1.0	-27.0	-20.0	-56.0	900.1
-7100	725	-1.0	0.0	1.0	-6.0	-2.0	-27.0	-20.0	-56.0	864.3
-7100	750	-2.0	1.0	2.0	-1.0	6.0	-20.0	-2.0	-48.0	788.5
-7100	775	-2.0	1.0	2.0	0.0	8.0	-16.0	5.0	-43.0	764.6
-7100	800	-2.0	2.0	2.0	3.0	11.0	-8.0	13.0	-30.0	724.8
-7100	825	-2.0	1.0	1.0	-1.0	6.0	-13.0	3.0	-33.0	734.0
-7000	-325	-3.0	1.0	-1.0	5.0	13.0	4.0	28.0	-19.0	1339.8
-7000	-300	-3.0	0.0	-1.0	5.0	15.0	2.0	28.0	-24.0	1383.7
-7000	-275	-3.0	0.0	-1.0	1.0	10.0	-12.0	10.0	-42.0	1131.5
-7000	-250	-3.0	-1.0	-1.0	-3.0	3.0	-23.0	-16.0	-53.0	1144.0
-7000	-225	-3.0	-2.0	-2.0	-6.0	-5.0	-32.0	-33.0	-57.0	1304.0
-7000	-200	-3.0	-3.0	-3.0	-10.0	-15.0	-40.0	-51.0	-60.0	1796.2
-7000	-175	-3.0	-3.0	-4.0	-13.0	-23.0	-44.0	-63.0	-57.0	1809.1
-7000	-150	-3.0	-4.0	-5.0	-15.0	-27.0	-42.0	-63.0	-54.0	1570.0
-7000	-125	-3.0	-4.0	-5.0	-14.0	-22.0	-39.0	-58.0	-57.0	1445.4
-7000	-100	-3.0	-3.0	-4.0	-12.0	-16.0	-40.0	-56.0	-62.0	1216.9
-7000	-75	-3.0	-2.0	-3.0	-9.0	-8.0	-38.0	-48.0	-64.0	1004.7
-7000	-50	-3.0	-2.0	-2.0	-5.0	1.0	-33.0	-34.0	-68.0	900.6
-7000	-25	-3.0	0.0	0.0	-2.0	7.0	-34.0	-28.0	-74.0	834.5
-7000	0	-3.0	1.0	2.0	3.0	18.0	-27.0	-16.0	-77.0	839.6
-7000	25	-3.0	1.0	3.0	3.0	16.0	-29.0	-15.0	-76.0	938.3
-7000	50	-3.0	0.0	2.0	1.0	10.0	-31.0	-23.0	-73.0	1030.4
-7000	75	-3.0	0.0	1.0	-3.0	3.0	-34.0	-33.0	-69.0	919.6
-7000	100	-3.0	0.0	1.0	-3.0	3.0	-32.0	-28.0	-66.0	820.7
-7000	125	-3.0	0.0	1.0	-1.0	7.0	-27.0	-17.0	-64.0	793.8
-7000	150	-3.0	0.0	1.0	0.0	9.0	-23.0	-7.0	-61.0	795.5
-7000	175	-3.0	0.0	1.0	0.0	11.0	-21.0	-2.0	-59.0	746.4
-7000	200	-3.0	1.0	1.0	3.0	15.0	-13.0	12.0	-50.0	754.0
-7000	225	-3.0	2.0	2.0	4.0	18.0	-11.0	19.0	-48.0	865.9
-7000	250	-3.0	1.0	1.0	4.0	16.0	-9.0	18.0	-43.0	1229.6
-7000	275	-3.0	2.0	1.0	6.0	19.0	-3.0	25.0	-38.0	973.4
-7000	300	-3.0	3.0	2.0	7.0	23.0	2.0	33.0	-35.0	837.0
-7000	325	-2.0	4.0	4.0	11.0	30.0	10.0	52.0	-25.0	687.5
-7000	350	-2.0	4.0	4.0	13.0	33.0	14.0	53.0	-24.0	678.2
-7000	375	-3.0	1.0	0.0	2.0	11.0	-15.0	6.0	-47.0	720.9
-7000	400	-5.0	-5.0	-11.0	-10.0	-15.0	-21.0	-25.0	-37.0	737.6
-7000	425	-7.0	-9.0	-18.0	-14.0	-27.0	-19.0	-36.0	-31.0	1070.6
-7000	450	-9.0	-9.0	-20.0	-11.0	-25.0	-7.0	-25.0	-13.0	1599.1
-7000	475	-9.0	-10.0	-21.0	-10.0	-24.0	-7.0	-23.0	-15.0	1113.3
-7000	500	-8.0	-8.0	-17.0	-8.0	-18.0	-7.0	-17.0	-20.0	752.5
-7000	525	-5.0	-1.0	-5.0	1.0	4.0	-3.0	8.0	-22.0	734.0
-7000	550	0.0	4.0	7.0	3.0	15.0	-17.0	8.0	-44.0	762.5

-7000	575	1.0	5.0	9.0	-1.0	10.0	-26.0	-10.0	-59.0	793.9
-7000	600	0.0	2.0	6.0	-8.0	-4.0	-44.0	-43.0	-73.0	781.7
-7000	625	1.0	1.0	5.0	-9.0	-8.0	-42.0	-44.0	-65.0	772.2
-7000	650	0.0	0.0	3.0	-9.0	-8.0	-37.0	-38.0	-57.0	786.3
-7000	675	-1.0	0.0	2.0	-8.0	-7.0	-33.0	-33.0	-56.0	841.0
-7000	700	-1.0	0.0	1.0	-7.0	-7.0	-31.0	-32.0	-56.0	924.1
-7000	725	-2.0	0.0	1.0	-7.0	-5.0	-30.0	-26.0	-55.0	863.4
-7000	750	-2.0	0.0	0.0	-5.0	-2.0	-26.0	-23.0	-53.0	783.2
-7000	775	-3.0	0.0	1.0	-2.0	4.0	-18.0	-5.0	-44.0	760.0
-7000	800	-2.0	1.0	1.0	-1.0	5.0	-16.0	-2.0	-41.0	729.6
-7000	825	-2.0	1.0	1.0	2.0	9.0	-4.0	15.0	-22.0	722.1
-6900	-325	-3.0	1.0	-1.0	3.0	8.0	1.0	17.0	-14.0	1627.2
-6900	-300	-3.0	1.0	-1.0	6.0	13.0	10.0	28.0	-3.0	1246.9
-6900	-275	-3.0	2.0	0.0	8.0	16.0	17.0	37.0	8.0	779.7
-6900	-250	-2.0	2.0	2.0	8.0	18.0	13.0	36.0	0.0	1014.9
-6900	-225	-2.0	2.0	1.0	7.0	13.0	5.0	28.0	-13.0	959.3
-6900	-200	-3.0	1.0	-1.0	2.0	11.0	-8.0	9.0	-32.0	1268.6
-6900	-175	-3.0	-1.0	-1.0	-4.0	-3.0	-21.0	-17.0	-42.0	2095.8
-6900	-150	-4.0	-3.0	-5.0	-11.0	-19.0	-29.0	-43.0	-42.0	1733.0
-6900	-125	-4.0	-4.0	-6.0	-15.0	-28.0	-36.0	-55.0	-44.0	1331.7
-6900	-100	-2.0	-5.0	-6.0	-17.0	-31.0	-37.0	-56.0	-42.0	1358.6
-6900	-75	-3.0	-5.0	-7.0	-17.0	-28.0	-36.0	-60.0	-45.0	1037.1
-6900	-50	-4.0	-4.0	-7.0	-14.0	-24.0	-36.0	-55.0	-48.0	907.7
-6900	-25	-3.0	-1.0	-1.0	-4.0	1.0	-32.0	-33.0	-64.0	850.2
-6900	0	-3.0	0.0	2.0	1.0	12.0	-34.0	-25.0	-75.0	870.2
-6900	25	-3.0	0.0	2.0	-2.0	6.0	-38.0	-36.0	-76.0	877.6
-6900	50	-3.0	0.0	2.0	-1.0	6.0	-36.0	-32.0	-74.0	926.9
-6900	75	-3.0	0.0	2.0	-1.0	8.0	-32.0	-23.0	-72.0	855.1
-6900	100	-3.0	0.0	2.0	-2.0	4.0	-32.0	-27.0	-68.0	809.9
-6900	125	-3.0	0.0	1.0	-2.0	3.0	-31.0	-23.0	-66.0	789.2
-6900	150	-3.0	1.0	1.0	0.0	8.0	-24.0	-9.0	-62.0	759.3
-6900	175	-3.0	1.0	1.0	2.0	13.0	-18.0	2.0	-57.0	730.6
-6900	200	-3.0	1.0	1.0	3.0	15.0	-14.0	13.0	-52.0	726.1
-6900	225	-3.0	2.0	1.0	5.0	19.0	-8.0	23.0	-45.0	738.8
-6900	250	-3.0	2.0	1.0	6.0	19.0	-4.0	28.0	-38.0	759.3
-6900	275	-3.0	1.0	1.0	4.0	15.0	-7.0	19.0	-38.0	798.3
-6900	300	-3.0	0.0	-1.0	0.0	7.0	-16.0	2.0	-45.0	829.2
-6900	325	-4.0	-1.0	-2.0	-4.0	-2.0	-23.0	-17.0	-56.0	890.2
-6900	350	-3.0	-1.0	-2.0	-6.0	-5.0	-28.0	-24.0	-56.0	814.9
-6900	375	-3.0	0.0	-1.0	-4.0	-2.0	-23.0	-17.0	-50.0	738.2
-6900	400	-3.0	-1.0	-2.0	-5.0	-4.0	-23.0	-18.0	-48.0	774.9
-6900	425	-4.0	-2.0	-4.0	-5.0	-4.0	-21.0	-15.0	-46.0	878.3
-6900	450	-5.0	-2.0	-6.0	-2.0	0.0	-9.0	1.0	-33.0	798.5
-6900	475	-6.0	-2.0	-7.0	2.0	6.0	7.0	23.0	-12.0	869.8
-6900	500	-5.0	-1.0	-7.0	5.0	7.0	14.0	34.0	-2.0	777.5
-6900	525	-5.0	-1.0	-6.0	4.0	6.0	10.0	24.0	-17.0	740.5
-6900	550	-4.0	1.0	-2.0	6.0	17.0	3.0	24.0	-23.0	847.9
-6900	575	-3.0	2.0	2.0	5.0	15.0	-6.0	18.0	-33.0	790.0
-6900	600	-2.0	1.0	2.0	0.0	7.0	-20.0	-3.0	-47.0	745.6
-6900	625	-2.0	1.0	2.0	-3.0	2.0	-23.0	-12.0	-51.0	747.5
-6900	650	-2.0	0.0	0.0	-5.0	-4.0	-25.0	-21.0	-48.0	767.5
-6900	675	-2.0	-1.0	-1.0	-8.0	-10.0	-32.0	-33.0	-53.0	840.4
-6900	700	-2.0	-1.0	-1.0	-6.0	-6.0	-27.0	-24.0	-49.0	929.4
-6900	725	-2.0	0.0	0.0	-4.0	-2.0	-23.0	-14.0	-47.0	849.2
-6900	750	-2.0	0.0	0.0	-3.0	1.0	-21.0	-10.0	-44.0	799.4
-6900	775	-2.0	0.0	0.0	-1.0	4.0	-15.0	1.0	-36.0	749.0
-6900	800	-2.0	2.0	1.0	4.0	11.0	-1.0	19.0	-19.0	730.7
-6900	825	-2.0	2.0	1.0	6.0	14.0	9.0	30.0	-2.0	718.8
-6800	-325	-3.0	1.0	-3.0	4.0	7.0	7.0	18.0	2.0	1282.1
-6800	-300	-3.0	2.0	-2.0	6.0	10.0	14.0	25.0	10.0	760.3

-6800	-275	-3.0	2.0	-2.0	8.0	11.0	22.0	24.0	21.0	721.5
-6800	-250	-3.0	2.0	-1.0	9.0	13.0	26.0	33.0	31.0	946.9
-6800	-225	-2.0	2.0	0.0	8.0	14.0	19.0	33.0	18.0	929.2
-6800	-200	-3.0	2.0	-1.0	7.0	13.0	10.0	27.0	-2.0	970.5
-6800	-175	-4.0	1.0	-2.0	2.0	7.0	-6.0	7.0	-24.0	1341.2
-6800	-150	-3.0	-2.0	-4.0	-6.0	-8.0	-21.0	-23.0	-37.0	2265.4
-6800	-125	-4.0	-4.0	-7.0	-13.0	-26.0	-33.0	-49.0	-41.0	1267.4
-6800	-100	-4.0	-5.0	-9.0	-18.0	-36.0	-38.0	-63.0	-42.0	1372.0
-6800	-75	-3.0	-5.0	-8.0	-19.0	-36.0	-37.0	-65.0	-42.0	1176.0
-6800	-50	-4.0	-5.0	-9.0	-18.0	-35.0	-39.0	-67.0	-45.0	933.7
-6800	-25	-4.0	-4.0	-6.0	-13.0	-20.0	-38.0	-56.0	-57.0	853.5
-6800	0	-4.0	0.0	-1.0	-3.0	1.0	-35.0	-37.0	-73.0	853.9
-6800	25	-3.0	0.0	2.0	-2.0	6.0	-37.0	-36.0	-76.0	863.8
-6800	50	-3.0	0.0	3.0	-2.0	3.0	-37.0	-37.0	-73.0	844.5
-6800	75	-3.0	0.0	2.0	-3.0	1.0	-37.0	-34.0	-69.0	833.0
-6800	100	-3.0	-1.0	1.0	-3.0	-2.0	-36.0	-34.0	-67.0	825.2
-6800	125	-3.0	0.0	1.0	-4.0	-2.0	-35.0	-32.0	-64.0	791.0
-6800	150	-3.0	0.0	1.0	-2.0	1.0	-32.0	-28.0	-63.0	773.6
-6800	175	-3.0	0.0	1.0	-1.0	6.0	-26.0	-14.0	-62.0	751.3
-6800	200	-3.0	1.0	2.0	3.0	14.0	-20.0	3.0	-58.0	734.0
-6800	225	-3.0	3.0	3.0	7.0	24.0	-8.0	26.0	-48.0	742.5
-6800	250	-3.0	5.0	4.0	13.0	35.0	6.0	52.0	-41.0	728.5
-6800	275	-4.0	1.0	-1.0	3.0	12.0	-5.0	19.0	-33.0	735.6
-6800	300	-5.0	-5.0	-10.0	-12.0	-23.0	-24.0	-37.0	-33.0	780.7
-6800	325	-5.0	-5.0	-8.0	-12.0	-26.0	-22.0	-39.0	-36.0	781.2
-6800	350	-5.0	-4.0	-8.0	-12.0	-26.0	-27.0	-43.0	-34.0	842.8
-6800	375	-5.0	-5.0	-8.0	-13.0	-26.0	-30.0	-45.0	-37.0	798.2
-6800	400	-4.0	-4.0	-7.0	-13.0	-26.0	-31.0	-48.0	-38.0	813.7
-6800	425	-4.0	-1.0	-3.0	-3.0	-1.0	-15.0	-6.0	-36.0	858.2
-6800	450	-2.0	3.0	3.0	9.0	27.0	4.0	4.0	-32.0	785.1
-6800	475	-3.0	3.0	2.0	9.0	26.0	3.0	39.0	-32.0	830.4
-6800	500	-3.0	2.0	1.0	7.0	23.0	4.0	35.0	-28.0	959.9
-6800	525	-3.0	2.0	1.0	7.0	19.0	2.0	33.0	-27.0	1368.6
-6800	550	-3.0	1.0	0.0	5.0	17.0	0.0	29.0	-26.0	1080.6
-6800	575	-3.0	1.0	-1.0	3.0	12.0	-7.0	16.0	-33.0	899.1
-6800	600	-2.0	-1.0	-1.0	-2.0	4.0	-20.0	-7.0	-48.0	758.9
-6800	625	-3.0	-2.0	-2.0	-5.0	-3.0	-25.0	-20.0	-49.0	748.2
-6800	650	-3.0	-2.0	-3.0	-9.0	-12.0	-30.0	-38.0	-53.0	742.4
-6800	675	-3.0	-2.0	-3.0	-9.0	-15.0	-35.0	-43.0	-53.0	765.0
-6800	700	-3.0	-2.0	-3.0	-9.0	-15.0	-33.0	-39.0	-52.0	861.4
-6800	725	-3.0	-1.0	-2.0	-6.0	-6.0	-27.0	-25.0	-46.0	761.9
-6800	750	-3.0	0.0	-1.0	-3.0	1.0	-20.0	-16.0	-44.0	753.8
-6800	775	-3.0	1.0	0.0	0.0	7.0	-13.0	3.0	-36.0	731.6
-6800	800	-3.0	2.0	1.0	5.0	15.0	1.0	24.0	-21.0	728.3
-6800	825	-3.0	2.0	0.0	4.0	12.0	-2.0	19.0	-20.0	727.9
-6700	-325	-3.0	0.0	-2.0	2.0	4.0	3.0	11.0	-4.0	1246.1
-6700	-300	-3.0	2.0	-2.0	6.0	7.0	15.0	19.0	16.0	855.8
-6700	-275	-3.0	2.0	-1.0	8.0	10.0	22.0	24.0	27.0	686.1
-6700	-250	-3.0	2.0	-2.0	8.0	10.0	19.0	24.0	26.0	754.0
-6700	-225	-2.0	2.0	0.0	7.0	12.0	15.0	26.0	12.0	842.6
-6700	-200	-3.0	1.0	-1.0	4.0	15.0	2.0	18.0	-13.0	870.4
-6700	-175	-3.0	0.0	-2.0	0.0	3.0	-11.0	-2.0	-32.0	1133.8
-6700	-150	-3.0	-2.0	-4.0	-7.0	-11.0	-24.0	-30.0	-42.0	2396.5
-6700	-125	-4.0	-4.0	-6.0	-14.0	-26.0	-34.0	-52.0	-44.0	1194.5
-6700	-100	-4.0	-5.0	-8.0	-19.0	-37.0	-40.0	-68.0	-44.0	1269.3
-6700	-75	-2.0	-6.0	-8.0	-20.0	-38.0	-41.0	-63.0	-43.0	1191.7
-6700	-50	-4.0	-5.0	-8.0	-16.0	-30.0	-34.0	-56.0	-42.0	982.9
-6700	-25	-4.0	-2.0	-4.0	-7.0	-8.0	-24.0	-27.0	-48.0	894.7
-6700	0	-4.0	1.0	0.0	3.0	15.0	-16.0	3.0	-46.0	844.7
-6700	25	-3.0	1.0	1.0	6.0	21.0	-18.0	9.0	-62.0	871.1

-6700	50	-3.0	2.0	3.0	4.0	15.0	-22.0	-2.0	-61.0	844.7
-6700	75	-3.0	1.0	3.0	2.0	10.0	-24.0	-8.0	-56.0	820.6
-6700	100	-3.0	1.0	2.0	1.0	6.0	-25.0	-13.0	-54.0	838.7
-6700	125	-3.0	0.0	2.0	-2.0	1.0	-29.0	-26.0	-57.0	826.0
-6700	150	-3.0	1.0	2.0	-1.0	3.0	-27.0	-17.0	-55.0	766.6
-6700	175	-3.0	2.0	3.0	6.0	18.0	-6.0	19.0	-34.0	754.8
-6700	200	-2.0	4.0	4.0	10.0	26.0	6.0	41.0	-23.0	729.0
-6700	225	-2.0	4.0	5.0	14.0	33.0	13.0	53.0	-19.0	843.3
-6700	250	-2.0	6.0	7.0	17.0	43.0	17.0	67.0	-23.0	946.8
-6700	275	0.0	2.0	12.0	22.0	58.0	35.0	99.0	-9.0	966.5
-6700	300	-8.0	-5.0	-16.0	-4.0	-12.0	-9.0	-13.0	-19.0	734.3
-6700	325	-14.0	-14.0	-27.0	-17.0	-49.0	-24.0	-64.0	-23.0	684.6
-6700	350	-16.0	-14.0	-23.0	-14.0	-50.0	-25.0	-69.0	-25.0	742.4
-6700	375	-16.0	-12.0	-27.0	-17.0	-49.0	-25.0	-69.0	-25.0	878.2
-6700	400	-15.0	-13.0	-26.0	-17.0	-49.0	-26.0	-69.0	-24.0	866.8
-6700	425	-14.0	-12.0	-26.0	-19.0	-50.0	-29.0	-74.0	-29.0	837.1
-6700	450	-4.0	-2.0	-4.0	-5.0	-7.0	-18.0	-16.0	-33.0	815.1
-6700	475	1.0	4.0	3.0	4.0	18.0	-6.0	21.0	-34.0	798.4
-6700	500	0.0	4.0	5.0	7.0	24.0	1.0	33.0	-31.0	919.8
-6700	525	-1.0	3.0	3.0	7.0	21.0	4.0	35.0	-24.0	1120.1
-6700	550	-2.0	2.0	2.0	4.0	17.0	-2.0	25.0	-29.0	1088.9
-6700	575	-3.0	0.0	0.0	1.0	8.0	-15.0	-1.0	-40.0	911.1
-6700	600	-2.0	-1.0	-1.0	-5.0	-5.0	-22.0	-24.0	-48.0	838.0
-6700	625	-3.0	-1.0	-2.0	-5.0	-9.0	-25.0	-27.0	-49.0	812.0
-6700	650	-3.0	-2.0	-2.0	-5.0	-6.0	-24.0	-25.0	-46.0	792.5
-6700	675	-3.0	-2.0	-3.0	-6.0	-8.0	-24.0	-29.0	-44.0	841.0
-6700	700	-3.0	-1.0	-2.0	-4.0	-3.0	-21.0	-19.0	-44.0	948.0
-6700	725	-2.0	0.0	0.0	1.0	7.0	-11.0	5.0	-34.0	827.3
-6700	750	-3.0	1.0	1.0	5.0	1.0	-1.0	19.0	-24.0	763.3
-6700	775	-3.0	2.0	1.0	6.0	14.0	4.0	26.0	-16.0	714.9
-6700	800	-2.0	2.0	7.0	17.0	15.0	10.0	31.0	-1.0	744.7
-6700	825	-2.0	2.0	0.0	6.0	12.0	8.0	25.0	-4.0	721.2
-6600	-325	-3.0	0.0	-3.0	1.0	0.0	-6.0	-1.0	-17.0	1152.4
-6600	-300	-3.0	0.0	-2.0	2.0	4.0	4.0	12.0	-2.0	924.1
-6600	-275	-3.0	0.0	-2.0	5.0	7.0	11.0	20.0	9.0	719.4
-6600	-250	-3.0	1.0	-1.0	7.0	10.0	23.0	30.0	27.0	733.5
-6600	-225	-2.0	2.0	0.0	10.0	14.0	30.0	37.0	36.0	820.0
-6600	-200	-4.0	0.0	-2.0	5.0	11.0	7.0	26.0	-7.0	830.5
-6600	-175	-3.0	0.0	-2.0	-1.0	2.0	-12.0	-1.0	-28.0	1461.1
-6600	-150	-3.0	-2.0	-4.0	-9.0	-16.0	-31.0	-40.0	-41.0	1987.2
-6600	-125	-3.0	-3.0	-5.0	-12.0	-24.0	-34.0	-51.0	-40.0	1368.6
-6600	-100	-3.0	-3.0	-6.0	-16.0	-31.0	-36.0	-60.0	-40.0	1426.6
-6600	-75	-1.0	-5.0	-5.0	-18.0	-31.0	-40.0	-65.0	-46.0	972.3
-6600	-50	3.0	-3.0	-6.0	-12.0	-21.0	-27.0	-40.0	-39.0	904.7
-6600	-25	-3.0	0.0	-3.0	-2.0	7.0	-9.0	4.0	-34.0	863.5
-6600	0	-3.0	2.0	0.0	7.0	21.0	3.0	36.0	-34.0	848.3
-6600	25	-3.0	2.0	1.0	7.0	21.0	-2.0	28.0	-39.0	874.1
-6600	50	-4.0	1.0	2.0	6.0	18.0	-6.0	20.0	-39.0	888.0
-6600	75	-3.0	1.0	1.0	4.0	12.0	-11.0	10.0	-39.0	884.9
-6600	100	-3.0	1.0	1.0	1.0	5.0	-18.0	-5.0	-44.0	877.6
-6600	125	-3.0	0.0	0.0	-2.0	0.0	-25.0	-17.0	-47.0	829.1
-6600	150	-3.0	0.0	1.0	-2.0	1.0	-24.0	-16.0	-48.0	798.9
-6600	175	-2.0	1.0	0.0	3.0	9.0	-12.0	5.0	-35.0	806.4
-6600	200	-2.0	1.0	2.0	6.0	14.0	-5.0	20.0	-29.0	759.7
-6600	225	-2.0	2.0	3.0	8.0	20.0	2.0	30.0	-24.0	919.1
-6600	250	-2.0	3.0	5.0	10.0	25.0	5.0	39.0	-26.0	970.6
-6600	275	0.0	5.0	8.0	12.0	36.0	5.0	50.0	-36.0	1059.0
-6600	300	1.0	7.0	10.0	15.0	38.0	8.0	52.0	-27.0	910.4
-6600	325	-9.0	-1.0	-20.0	-17.0	-36.0	-24.0	-51.0	-31.0	787.8
-6600	350	-8.0	-17.0	-35.0	-17.0	-50.0	-20.0	-61.0	-21.0	796.2

-6600	375	-21.0	-16.0	-38.0	-18.0	-51.0	-18.0	-64.0	-20.0	1117.2
-6600	400	-24.0	-20.0	-37.0	-18.0	-50.0	-16.0	-61.0	-18.0	766.1
-6600	425	-20.0	-15.0	-30.0	-16.0	-48.0	-14.0	-55.0	-15.0	791.2
-6600	450	-13.0	-10.0	-21.0	-11.0	-27.0	-19.0	-40.0	-14.0	838.3
-6600	475	3.0	0.0	2.0	1.0	5.0	0.0	12.0	-11.0	844.2
-6600	500	1.0	3.0	6.0	8.0	21.0	12.0	37.0	3.0	1073.6
-6600	525	0.0	4.0	5.0	10.0	22.0	13.0	42.0	-5.0	852.5
-6600	550	-1.0	3.0	3.0	8.0	18.0	5.0	31.0	-11.0	868.8
-6600	575	-2.0	1.0	2.0	5.0	14.0	-1.0	20.0	-19.0	830.8
-6600	600	-3.0	1.0	0.0	4.0	11.0	-1.0	15.0	-17.0	794.7
-6600	625	-3.0	0.0	-1.0	-1.0	3.0	-14.0	-5.0	-31.0	766.1
-6600	650	-3.0	0.0	-2.0	-3.0	-2.0	-19.0	-14.0	-39.0	763.7
-6600	675	-3.0	0.0	-2.0	1.0	7.0	-11.0	5.0	-34.0	812.2
-6600	700	-3.0	0.0	0.0	2.0	9.0	-6.0	11.0	-26.0	829.1
-6600	725	-3.0	0.0	-2.0	-2.0	2.0	-16.0	-4.0	-40.0	831.0
-6600	750	-3.0	0.0	-1.0	-1.0	2.0	-15.0	2.0	-36.0	854.2
-6600	775	-3.0	1.0	-1.0	2.0	7.0	-5.0	13.0	-24.0	837.6
-6600	800	-3.0	1.0	0.0	5.0	11.0	2.0	22.0	-12.0	807.5
-6600	825	-3.0	1.0	-1.0	3.0	8.0	-1.0	14.0	-16.0	803.0
-6500	-325	-3.0	0.0	-3.0	-1.0	-1.0	-9.0	-2.0	-19.0	1028.6
-6500	-300	-2.0	-1.0	-2.0	0.0	1.0	-3.0	4.0	-17.0	882.5
-6500	-275	-3.0	0.0	-1.0	2.0	6.0	4.0	15.0	-5.0	760.4
-6500	-250	-2.0	0.0	-2.0	5.0	9.0	11.0	35.0	7.0	754.8
-6500	-225	-3.0	1.0	-1.0	6.0	11.0	15.0	30.0	10.0	800.4
-6500	-200	-3.0	1.0	-1.0	5.0	11.0	9.0	27.0	-2.0	820.9
-6500	-175	-2.0	1.0	-1.0	2.0	7.0	-1.0	15.0	-18.0	996.7
-6500	-150	-3.0	0.0	-2.0	-4.0	-5.0	-20.0	-16.0	-35.0	1340.9
-6500	-125	-2.0	-1.0	-4.0	-8.0	-15.0	-26.0	-36.0	-41.0	1348.4
-6500	-100	-2.0	0.0	-4.0	-10.0	-20.0	-31.0	-45.0	-41.0	1470.2
-6500	-75	-5.0	-4.0	-6.0	-12.0	-23.0	-34.0	-49.0	-45.0	1079.3
-6500	-50	-3.0	-3.0	-4.0	-10.0	-17.0	-26.0	-38.0	-39.0	993.2
-6500	-25	-2.0	-1.0	-3.0	-4.0	-4.0	-15.0	-10.0	-31.0	879.6
-6500	0	-1.0	0.0	-1.0	5.0	16.0	6.0	32.0	-20.0	828.0
-6500	25	-3.0	2.0	0.0	9.0	21.0	12.0	45.0	-14.0	808.3
-6500	50	-1.0	2.0	0.0	8.0	19.0	7.0	34.0	-16.0	883.7
-6500	75	-3.0	1.0	0.0	3.0	10.0	-9.0	10.0	-31.0	893.1
-6500	100	-3.0	0.0	0.0	-2.0	4.0	-19.0	-7.0	-41.0	858.7
-6500	125	-3.0	0.0	0.0	-2.0	1.0	-24.0	-14.0	-45.0	790.6
-6500	150	-3.0	0.0	0.0	-1.0	3.0	-18.0	-7.0	-39.0	812.4
-6500	175	-3.0	0.0	0.0	3.0	9.0	-8.0	9.0	-26.0	864.6
-6500	200	-2.0	1.0	1.0	5.0	13.0	-3.0	19.0	-24.0	834.2
-6500	225	-2.0	3.0	2.0	10.0	21.0	11.0	40.0	-4.0	1046.3
-6500	250	-2.0	3.0	3.0	9.0	21.0	8.0	36.0	-15.0	1096.6
-6500	275	0.0	3.0	6.0	8.0	24.0	2.0	33.0	-24.0	900.1
-6500	300	1.0	3.0	7.0	6.0	23.0	-8.0	23.0	-36.0	871.7
-6500	325	3.0	0.0	0.0	0.0	6.0	-18.0	-4.0	-43.0	855.3
-6500	350	-15.0	-4.0	-15.0	-3.0	-15.0	-17.0	-23.0	-32.0	843.2
-6500	375	-22.0	-6.0	-23.0	-6.0	-28.0	-18.0	-37.0	-28.0	702.7
-6500	400	-24.0	-6.0	-23.0	-6.0	-37.0	-11.0	-33.0	-19.0	707.0
-6500	425	-23.0	-6.0	-27.0	-6.0	-33.0	-9.0	-38.0	-14.0	749.1
-6500	450	-18.0	-6.0	-23.0	-6.0	-27.0	-7.0	-27.0	-9.0	763.2
-6500	475	-7.0	-3.0	-9.0	-4.0	-12.0	-6.0	-10.0	-10.0	1208.0
-6500	500	2.0	0.0	2.0	0.0	2.0	1.0	9.0	-3.0	990.0
-6500	525	3.0	2.0	4.0	5.0	12.0	15.0	27.0	17.0	746.3
-6500	550	2.0	2.0	4.0	4.0	14.0	2.0	21.0	-13.0	907.9
-6500	575	0.0	2.0	3.0	3.0	11.0	-2.0	17.0	-17.0	832.5
-6500	600	-1.0	1.0	2.0	1.0	8.0	-8.0	8.0	-26.0	799.5
-6500	625	-2.0	0.0	1.0	-2.0	2.0	-17.0	-6.0	-37.0	776.0
-6500	650	-2.0	0.0	-1.0	-3.0	-2.0	-20.0	-12.0	-39.0	761.3
-6500	675	-3.0	-2.0	-2.0	-6.0	-6.0	-27.0	-24.0	-48.0	807.4

-6500	700	-3.0	0.0	-1.0	-1.0	2.0	-15.0	-3.0	-34.0	807.5
-6500	725	-3.0	0.0	-1.0	-1.0	2.0	-15.0	-1.0	-36.0	871.1
-6500	750	-3.0	0.0	-1.0	-2.0	3.0	-15.0	-3.0	-37.0	868.8
-6500	775	-3.0	1.0	-1.0	2.0	7.0	-4.0	12.0	-22.0	842.4
-6500	800	-3.0	1.0	-1.0	2.0	7.0	-3.0	14.0	-21.0	984.1
-6500	825	-3.0	1.0	-1.0	2.0	6.0	-3.0	14.0	-18.0	833.7
-6400	-325	-4.0	-1.0	-4.0	-3.0	-3.0	-10.0	-6.0	-21.0	942.2
-6400	-300	-4.0	0.0	-4.0	-2.0	-2.0	-7.0	-2.0	-16.0	905.9
-6400	-275	-4.0	0.0	-4.0	0.0	0.0	-1.0	3.0	-8.0	801.8
-6400	-250	-4.0	0.0	-4.0	0.0	1.0	-1.0	7.0	-7.0	782.2
-6400	-225	-4.0	0.0	-4.0	0.0	1.0	0.0	7.0	-6.0	854.1
-6400	-200	-4.0	0.0	-4.0	0.0	1.0	0.0	8.0	-5.0	857.9
-6400	-175	-4.0	0.0	-4.0	1.0	1.0	0.0	7.0	-7.0	825.8
-6400	-150	-4.0	0.0	-3.0	1.0	1.0	0.0	7.0	-5.0	918.1
-6400	-125	-4.0	0.0	-4.0	-1.0	-1.0	-4.0	2.0	-12.0	1050.5
-6400	-100	-4.0	0.0	-4.0	-1.0	-1.0	-5.0	1.0	-14.0	1174.3
-6400	-75	-4.0	0.0	-4.0	-2.0	-3.0	-8.0	-4.0	-19.0	1193.6
-6400	-50	-4.0	0.0	-4.0	-3.0	-3.0	-11.0	-6.0	-21.0	1064.0
-6400	-25	-4.0	0.0	-4.0	-1.0	-2.0	-5.0	-1.0	-13.0	964.6
-6400	0	-4.0	0.0	-3.0	2.0	2.0	5.0	11.0	1.0	867.4
-6400	25	-4.0	1.0	-3.0	3.0	6.0	16.0	19.0	7.0	806.5
-6400	50	-4.0	1.0	-3.0	3.0	6.0	7.0	17.0	0.0	803.4
-6400	75	-4.0	0.0	-3.0	2.0	5.0	1.0	11.0	-9.0	859.7
-6400	100	-4.0	1.0	-3.0	3.0	5.0	4.0	13.0	-5.0	867.4
-6400	125	-3.0	0.0	-3.0	2.0	4.0	0.0	9.0	-12.0	839.3
-6400	150	-3.0	0.0	-3.0	1.0	4.0	-2.0	8.0	-14.0	791.9
-6400	175	-3.0	1.0	-3.0	2.0	5.0	1.0	9.0	-9.0	859.2
-6400	200	-3.0	1.0	-2.0	3.0	7.0	4.0	13.0	-4.0	994.6
-6400	225	-3.0	1.0	-2.0	4.0	8.0	8.0	17.0	2.0	1053.7
-6400	250	-3.0	1.0	1.0	3.0	7.0	2.0	13.0	-8.0	911.4
-6400	275	-2.0	1.0	-1.0	3.0	9.0	1.0	15.0	-10.0	849.8
-6400	300	-2.0	1.0	0.0	3.0	8.0	-2.0	12.0	-15.0	842.5
-6400	325	-2.0	1.0	-1.0	2.0	6.0	-3.0	10.0	-13.0	884.4
-6400	350	-4.0	-1.0	-6.0	-2.0	-2.0	-4.0	0.0	-13.0	883.4
-6400	375	-7.0	-3.0	-11.0	-4.0	-12.0	-6.0	-12.0	-12.0	763.0
-6400	400	-11.0	-4.0	-15.0	-7.0	-18.0	-9.0	-20.0	-15.0	766.8
-6400	425	-12.0	-5.0	-16.0	-7.0	-20.0	-10.0	-24.0	-14.0	782.0
-6400	450	-12.0	-4.0	-14.0	-5.0	-17.0	-7.0	-19.0	-10.0	791.9
-6400	475	-8.0	-1.0	-9.0	-2.0	-9.0	-3.0	-10.0	-5.0	803.8
-6400	500	-3.0	1.0	-2.0	1.0	0.0	0.0	1.0	-1.0	845.5
-6400	525	-1.0	2.0	1.0	2.0	5.0	2.0	8.0	-1.0	777.0
-6400	550	0.0	2.0	2.0	3.0	7.0	1.0	12.0	-4.0	977.8
-6400	575	0.0	2.0	1.0	2.0	6.0	-2.0	8.0	-10.0	833.6
-6400	600	-1.0	1.0	0.0	0.0	4.0	-3.0	5.0	-12.0	815.6
-6400	625	-2.0	0.0	-2.0	-2.0	1.0	-10.0	-2.0	-22.0	817.7
-6400	650	-3.0	0.0	-2.0	-3.0	-1.0	-14.0	-7.0	-28.0	865.9
-6400	675	-3.0	0.0	-2.0	-1.0	1.0	-6.0	0.0	-15.0	1012.5
-6400	700	-3.0	1.0	-3.0	1.0	1.0	-2.0	4.0	-9.0	818.7
-6400	725	-3.0	1.0	-3.0	1.0	1.0	1.0	5.0	-2.0	808.8
-6400	750	-3.0	1.0	-3.0	1.0	1.0	2.0	5.0	-2.0	841.7
-6400	775	-3.0	1.0	-3.0	2.0	2.0	6.0	8.0	6.0	984.4
-6400	800	-4.0	1.0	-3.0	3.0	2.0	7.0	8.0	9.0	819.2
-6400	825	-3.0	1.0	-3.0	2.0	2.0	5.0	7.0	4.0	774.2
-6300	-325	-3.0	-2.0	-3.0	-5.0	-7.0	-23.0	-22.0	-43.0	953.2
-6300	-300	-3.0	-1.0	-3.0	-2.0	1.0	-16.0	-5.0	-39.0	935.6
-6300	-275	-3.0	0.0	-2.0	2.0	9.0	-5.0	18.0	-33.0	832.9
-6300	-250	-3.0	1.0	-2.0	4.0	15.0	0.0	27.0	-31.0	798.9
-6300	-225	-4.0	0.0	-2.0	2.0	11.0	-9.0	11.0	-43.0	825.2
-6300	-200	-3.0	0.0	-2.0	2.0	11.0	-9.0	13.0	-42.0	814.5
-6300	-175	-3.0	1.0	-2.0	3.0	13.0	-9.0	15.0	-44.0	814.5

-6300	-150	-3.0	1.0	-1.0	3.0	16.0	-4.0	20.0	-41.0	893.2
-6300	-125	-3.0	0.0	-2.0	0.0	10.0	-13.0	9.0	-48.0	1029.3
-6300	-100	-3.0	-1.0	-1.0	-3.0	3.0	-22.0	-14.0	-54.0	1168.9
-6300	-75	-3.0	-2.0	-3.0	-5.0	-3.0	-26.0	-24.0	-54.0	1063.0
-6300	-50	-3.0	-2.0	-3.0	-6.0	-7.0	-22.0	-30.0	-54.0	1045.4
-6300	-25	-3.0	-2.0	-3.0	-7.0	-9.0	-31.0	-36.0	-52.0	977.4
-6300	0	-3.0	-2.0	-3.0	-7.0	-8.0	-28.0	-33.0	-54.0	902.5
-6300	25	-3.0	-1.0	-2.0	-3.0	4.0	-23.0	-16.0	-58.0	853.5
-6300	50	-4.0	0.0	-1.0	-1.0	8.0	-23.0	-9.0	-62.0	820.1
-6300	75	-4.0	0.0	-1.0	1.0	10.0	-21.0	-6.0	-58.0	814.6
-6300	100	-3.0	0.0	-1.0	-1.0	6.0	-23.0	-13.0	-58.0	824.6
-6300	125	-3.0	0.0	0.0	0.0	8.0	-20.0	-6.0	-55.0	810.3
-6300	150	-3.0	0.0	0.0	1.0	9.0	-18.0	2.0	-51.0	800.7
-6300	175	-3.0	0.0	1.0	2.0	10.0	-16.0	5.0	-48.0	840.9
-6300	200	-3.0	1.0	1.0	2.0	12.0	-12.0	10.0	-42.0	901.5
-6300	225	-3.0	1.0	1.0	2.0	10.0	-13.0	7.0	-42.0	994.8
-6300	250	-3.0	1.0	1.0	2.0	11.0	-14.0	6.0	-41.0	925.3
-6300	275	-2.0	1.0	2.0	2.0	12.0	-14.0	6.0	-43.0	823.1
-6300	300	-2.0	2.0	2.0	4.0	14.0	-9.0	16.0	-37.0	824.1
-6300	325	-2.0	1.0	1.0	4.0	14.0	-7.0	18.0	-33.0	818.7
-6300	350	-3.0	0.0	-2.0	0.0	5.0	-10.0	5.0	-32.0	887.0
-6300	375	-7.0	-3.0	-8.0	-1.0	-5.0	-5.0	1.0	-19.0	809.2
-6300	400	-10.0	-5.0	-13.0	-5.0	-14.0	-10.0	-13.0	-23.0	924.1
-6300	425	-12.0	-7.0	-18.0	-9.0	-23.0	-14.0	-29.0	-22.0	804.6
-6300	450	-11.0	-6.0	-17.0	-9.0	-25.0	-14.0	-32.0	-20.0	964.0
-6300	475	-8.0	-4.0	-11.0	-7.0	-18.0	-13.0	-25.0	-18.0	839.5
-6300	500	-3.0	-1.0	-4.0	-5.0	-9.0	-12.0	-12.0	-19.0	783.0
-6300	525	0.0	-1.0	-1.0	-6.0	-6.0	-17.0	-13.0	-27.0	819.1
-6300	550	1.0	1.0	3.0	-1.0	3.0	-13.0	-1.0	-27.0	971.7
-6300	575	1.0	1.0	4.0	-1.0	5.0	-17.0	-3.0	-37.0	1022.5
-6300	600	0.0	0.0	2.0	-1.0	4.0	-17.0	-4.0	-36.0	858.6
-6300	625	-2.0	0.0	2.0	-3.0	1.0	-21.0	-13.0	-43.0	792.1
-6300	650	-2.0	0.0	1.0	-2.0	2.0	-20.0	-8.0	-41.0	763.0
-6300	675	-2.0	1.0	1.0	0.0	6.0	-13.0	3.0	-33.0	821.4
-6300	700	-2.0	1.0	-1.0	2.0	7.0	-6.0	11.0	-22.0	807.6
-6300	725	-2.0	2.0	0.0	4.0	9.0	3.0	21.0	-8.0	856.4
-6300	750	-3.0	1.0	0.0	2.0	6.0	-2.0	13.0	-17.0	989.7
-6300	775	-3.0	1.0	-1.0	2.0	6.0	-1.0	13.0	-13.0	828.9
-6300	800	-3.0	1.0	-1.0	4.0	7.0	6.0	18.0	-1.0	738.0
-6300	825	-3.0	1.0	-1.0	4.0	7.0	8.0	18.0	6.0	730.6
-6200	-325	-3.0	-1.0	-3.0	-2.0	0.0	-15.0	-5.0	-60.0	931.4
-6200	-300	-3.0	-1.0	-2.0	-3.0	0.0	-17.0	-6.0	-42.0	900.2
-6200	-275	-3.0	-1.0	-2.0	-1.0	-5.0	-13.0	4.0	-42.0	833.5
-6200	-250	-3.0	0.0	-2.0	0.0	8.0	-13.0	4.0	-45.0	800.0
-6200	-225	-3.0	0.0	-2.0	-1.0	8.0	-17.0	0.0	-53.0	831.9
-6200	-200	-4.0	-1.0	-2.0	-1.0	7.0	-21.0	-9.0	-59.0	855.6
-6200	-175	-3.0	-1.0	-2.0	-3.0	5.0	-25.0	-18.0	-64.0	820.3
-6200	-150	-3.0	-1.0	-2.0	-3.0	4.0	-22.0	-24.0	-67.0	840.5
-6200	-125	-3.0	-1.0	-2.0	-4.0	2.0	-28.0	-27.0	-66.0	920.2
-6200	-100	-3.0	-2.0	-2.0	-6.0	-3.0	-34.0	-37.0	-65.0	1052.0
-6200	-75	-3.0	-2.0	-3.0	-7.0	-8.0	-34.0	-67.0	-62.0	1105.0
-6200	-50	-3.0	-2.0	-3.0	-9.0	-13.0	-37.0	-49.0	-55.0	1037.7
-6200	-25	-3.0	-2.0	-3.0	-8.0	-13.0	-37.0	-50.0	-57.0	960.6
-6200	0	-3.0	-2.0	-3.0	-8.0	-9.0	-37.0	-46.0	-61.0	916.4
-6200	25	-4.0	-1.0	-2.0	-3.0	3.0	-32.0	-31.0	-68.0	865.1
-6200	50	-4.0	0.0	0.0	1.0	13.0	-25.0	-17.0	-69.0	819.5
-6200	75	-4.0	0.0	0.0	-2.0	7.0	-31.0	-27.0	-70.0	813.8
-6200	100	-4.0	0.0	0.0	-1.0	8.0	-26.0	-17.0	-65.0	799.7
-6200	125	-4.0	0.0	0.0	0.0	8.0	-23.0	-11.0	-62.0	788.6
-6200	150	-3.0	0.0	1.0	2.0	11.0	-20.0	1.0	-55.0	758.0

-6200	175	-3.0	1.0	1.0	2.0	11.0	-17.0	3.0	-52.0	781.2
-6200	200	-3.0	0.0	1.0	2.0	12.0	-15.0	8.0	-48.0	845.0
-6200	225	-3.0	1.0	0.0	3.0	13.0	-9.0	14.0	-40.0	903.1
-6200	250	-2.0	1.0	1.0	2.0	11.0	-13.0	8.0	-42.0	902.6
-6200	275	-2.0	1.0	1.0	3.0	14.0	-8.0	17.0	-36.0	855.3
-6200	300	-2.0	2.0	1.0	5.0	18.0	0.0	30.0	-28.0	792.2
-6200	325	-2.0	2.0	1.0	4.0	15.0	-2.0	24.0	-26.0	785.9
-6200	350	-3.0	0.0	-1.0	-1.0	3.0	-16.0	-4.0	-37.0	856.7
-6200	375	-4.0	-1.0	-3.0	-3.0	-2.0	-18.0	-11.0	-34.0	818.2
-6200	400	-5.0	-2.0	-4.0	-4.0	-7.0	-20.0	-18.0	-35.0	839.4
-6200	425	-7.0	-4.0	-8.0	-7.0	-16.0	-21.0	-28.0	-32.0	840.0
-6200	450	-7.0	-5.0	-11.0	-10.0	-23.0	-21.0	-36.0	-29.0	784.6
-6200	475	-7.0	-4.0	-11.0	-7.0	-17.0	-12.0	-18.0	-17.0	775.9
-6200	500	-5.0	-3.0	-8.0	-2.0	-7.0	2.0	2.0	-1.0	820.0
-6200	525	-3.0	-2.0	-6.0	-1.0	-3.0	6.0	7.0	3.0	798.2
-6200	550	-2.0	0.0	-3.0	0.0	1.0	0.0	8.0	-8.0	1051.9
-6200	575	-1.0	2.0	2.0	3.0	8.0	0.0	14.0	-9.0	892.6
-6200	600	1.0	3.0	5.0	5.0	12.0	4.0	19.0	-3.0	786.6
-6200	625	0.0	3.0	4.0	5.0	9.0	3.0	16.0	-1.0	744.4
-6200	650	0.0	1.0	3.0	0.0	5.0	-9.0	5.0	-22.0	821.4
-6200	675	-1.0	1.0	1.0	0.0	4.0	-8.0	3.0	-21.0	814.5
-6200	700	-1.0	2.0	2.0	4.0	8.0	7.0	19.0	5.0	884.5
-6200	725	-2.0	2.0	1.0	5.0	7.0	8.0	19.0	9.0	1203.8
-6200	750	-2.0	1.0	0.0	3.0	5.0	4.0	14.0	1.0	976.7
-6200	775	-3.0	1.0	-1.0	2.0	3.0	-1.0	9.0	-8.0	704.2
-6200	800	-2.0	1.0	-1.0	2.0	4.0	2.0	11.0	-4.0	693.7
-6200	825	-2.0	1.0	-1.0	3.0	4.0	5.0	12.0	2.0	714.0
-6100	-325	-4.0	-2.0	-3.0	-4.0	-4.0	-20.0	-13.0	-40.0	859.4
-6100	-300	-4.0	-1.0	-3.0	-3.0	-2.0	-19.0	-9.0	-42.0	859.5
-6100	-275	-3.0	-1.0	-2.0	-2.0	3.0	-16.0	-2.0	-40.0	838.4
-6100	-250	-4.0	-1.0	-2.0	-2.0	4.0	-17.0	-4.0	-48.0	849.7
-6100	-225	-4.0	0.0	-2.0	0.0	9.0	-15.0	4.0	-43.0	915.6
-6100	-200	-4.0	0.0	-1.0	1.0	13.0	-15.0	5.0	-57.0	906.3
-6100	-175	-3.0	-1.0	-1.0	-1.0	9.0	-22.0	-7.0	-62.0	899.3
-6100	-150	-3.0	-2.0	-2.0	-4.0	0.0	-31.0	-31.0	-67.0	850.1
-6100	-125	-4.0	-2.0	-3.0	-5.0	0.0	-32.0	-33.0	-67.0	845.7
-6100	-100	-4.0	-1.0	-2.0	-4.0	1.0	-32.0	-33.0	-68.0	908.9
-6100	-75	-4.0	-2.0	-3.0	-6.0	-4.0	-35.0	-40.0	-67.0	984.6
-6100	-50	-4.0	-2.0	-3.0	-8.0	-9.0	-37.0	-43.0	-64.0	1030.6
-6100	-25	-4.0	-2.0	-2.0	-6.0	-6.0	-36.0	-43.0	-65.0	1018.8
-6100	0	-3.0	-1.0	-1.0	-2.0	6.0	-30.0	-26.0	-68.0	947.9
-6100	25	-3.0	-1.0	0.0	-2.0	8.0	-32.0	-26.0	-74.0	870.5
-6100	50	-2.0	0.0	0.0	-2.0	7.0	-34.0	-28.0	-75.0	828.7
-6100	75	-2.0	0.0	1.0	-2.0	9.0	-26.0	-22.0	-70.0	838.7
-6100	100	-3.0	0.0	1.0	-3.0	3.0	-28.0	-29.0	-68.0	820.0
-6100	125	-4.0	-1.0	0.0	-3.0	2.0	-32.0	-28.0	-66.0	763.2
-6100	150	-3.0	0.0	-1.0	-3.0	1.0	-31.0	-27.0	-63.0	752.5
-6100	175	-3.0	0.0	1.0	-1.0	7.0	-23.0	-10.0	-58.0	762.9
-6100	200	-3.0	0.0	1.0	2.0	11.0	-16.0	4.0	-49.0	805.0
-6100	225	-3.0	0.0	1.0	1.0	10.0	-16.0	4.0	-48.0	922.6
-6100	250	-3.0	0.0	0.0	-1.0	7.0	-20.0	-5.0	-50.0	991.7
-6100	275	-3.0	0.0	0.0	2.0	10.0	-13.0	6.0	-43.0	857.6
-6100	300	-3.0	1.0	0.0	5.0	15.0	-1.0	23.0	-25.0	838.9
-6100	325	-3.0	1.0	0.0	5.0	14.0	-2.0	24.0	-26.0	810.5
-6100	350	-3.0	1.0	0.0	4.0	12.0	-1.0	21.0	-23.0	808.7
-6100	375	-3.0	1.0	-1.0	2.0	7.0	-7.0	12.0	-27.0	849.6
-6100	400	-4.0	1.0	-2.0	5.0	8.0	7.0	21.0	-3.0	842.9
-6100	425	-4.0	-1.0	-3.0	-2.0	-2.0	-14.0	-5.0	-30.0	876.3
-6100	450	-4.0	-2.0	-4.0	-4.0	-6.0	-17.0	-13.0	-32.0	835.9
-6100	475	-4.0	-1.0	-4.0	-3.0	-4.0	-11.0	-6.0	-24.0	801.1

-6100	500	-3.0	0.0	0.0	1.0	2.0	-3.0	7.0	-17.0	818.7
-6100	525	-5.0	1.0	-3.0	7.0	11.0	16.0	31.0	12.0	814.3
-6100	550	-3.0	1.0	-1.0	5.0	10.0	6.0	21.0	-6.0	869.6
-6100	575	-3.0	2.0	-1.0	7.0	13.0	15.0	30.0	10.0	779.9
-6100	600	-3.0	2.0	0.0	5.0	10.0	6.0	20.0	-3.0	789.4
-6100	625	-2.0	1.0	0.0	2.0	6.0	-3.0	9.0	-13.0	796.1
-6100	650	-2.0	1.0	0.0	2.0	6.0	-4.0	9.0	-16.0	975.8
-6100	675	-2.0	0.0	0.0	-1.0	2.0	-11.0	-1.0	-25.0	878.9
-6100	700	-3.0	1.0	-1.0	1.0	3.0	4.0	5.0	-15.0	863.4
-6100	725	-3.0	1.0	-1.0	2.0	5.0	2.0	13.0	-6.0	1186.4
-6100	750	-3.0	1.0	-1.0	2.0	5.0	2.0	14.0	-6.0	869.7
-6100	775	-3.0	1.0	-1.0	3.0	6.0	6.0	17.0	1.0	773.1
-6100	800	-3.0	1.0	-1.0	2.0	4.0	2.0	13.0	-5.0	762.6
-6100	825	-3.0	1.0	-1.0	2.0	3.0	0.0	10.0	-7.0	739.4
-6000	-325	-4.0	-2.0	-3.0	-4.0	-4.0	-21.0	-14.0	-41.0	856.4
-6000	-300	-3.0	-1.0	-2.0	-3.0	0.0	-17.0	-5.0	-38.0	844.7
-6000	-275	-3.0	0.0	-2.0	1.0	8.0	-8.0	12.0	-33.0	830.4
-6000	-250	-3.0	0.0	-1.0	2.0	11.0	-7.0	12.0	-27.0	837.6
-6000	-225	-3.0	0.0	-1.0	2.0	12.0	-10.0	12.0	-44.0	978.8
-6000	-200	-2.0	0.0	1.0	1.0	13.0	-15.0	6.0	-53.0	1004.7
-6000	-175	-3.0	-1.0	-1.0	-1.0	7.0	-22.0	-12.0	-60.0	946.7
-6000	-150	-3.0	-2.0	-2.0	-5.0	0.0	-30.0	-30.0	-64.0	878.9
-6000	-125	-4.0	-3.0	-3.0	-9.0	-12.0	-37.0	-47.0	-62.0	848.1
-6000	-100	-4.0	-3.0	-3.0	-9.0	-12.0	-38.0	-50.0	-61.0	872.8
-6000	-75	-3.0	-2.0	-3.0	-7.0	-6.0	-34.0	-42.0	-64.0	946.2
-6000	-50	-2.0	-1.0	-2.0	-6.0	-2.0	-33.0	-39.0	-66.0	1065.8
-6000	-25	-3.0	-2.0	-1.0	-4.0	0.0	-32.0	-36.0	-66.0	1159.1
-6000	0	-3.0	-2.0	-1.0	-5.0	-2.0	-35.0	-34.0	-66.0	1073.9
-6000	25	-3.0	-1.0	-1.0	-4.0	3.0	-33.0	-33.0	-68.0	952.7
-6000	50	-3.0	-1.0	0.0	-2.0	6.0	-32.0	-28.0	-69.0	893.3
-6000	75	-3.0	0.0	1.0	0.0	7.0	-29.0	-23.0	-69.0	877.5
-6000	100	-3.0	0.0	1.0	1.0	13.0	-23.0	-9.0	-66.0	822.6
-6000	125	-4.0	0.0	0.0	1.0	4.0	-4.0	-7.0	-61.0	789.2
-6000	150	-4.0	0.0	1.0	2.0	3.0	-3.0	2.0	-56.0	744.7
-6000	175	-3.0	1.0	1.0	3.0	4.0	-2.0	10.0	-51.0	735.6
-6000	200	-4.0	1.0	1.0	5.0	17.0	-7.0	21.0	-40.0	782.9
-6000	225	-3.0	1.0	0.0	3.0	12.0	-12.0	9.0	-43.0	877.6
-6000	250	-3.0	0.0	1.0	0.0	9.0	-16.0	1.0	-44.0	1140.9
-6000	275	-3.0	0.0	0.0	1.0	8.0	-14.0	2.0	-40.0	846.8
-6000	300	-3.0	0.0	0.0	2.0	11.0	-7.0	14.0	-32.0	774.2
-6000	325	-2.0	2.0	1.0	6.0	17.0	3.0	27.0	-14.0	822.0
-6000	350	-2.0	1.0	0.0	7.0	17.0	5.0	31.0	-15.0	819.9
-6000	375	-3.0	2.0	0.0	7.0	18.0	12.0	37.0	-3.0	778.4
-6000	400	-2.0	1.0	0.0	6.0	15.0	9.0	32.0	-7.0	745.0
-6000	425	-3.0	0.0	0.0	3.0	12.0	1.0	21.0	-19.0	759.8
-6000	450	-3.0	0.0	-1.0	0.0	6.0	-10.0	6.0	-31.0	771.8
-6000	475	-3.0	0.0	-1.0	-1.0	4.0	-12.0	2.0	-34.0	780.8
-6000	500	-3.0	-2.0	-1.0	-4.0	-2.0	-19.0	-14.0	-44.0	799.2
-6000	525	-3.0	-2.0	-2.0	-4.0	-2.0	-20.0	-15.0	-46.0	835.2
-6000	550	-3.0	-1.0	-1.0	-1.0	5.0	-16.0	-2.0	-42.0	884.8
-6000	575	-3.0	0.0	0.0	-2.0	2.0	-23.0	-9.0	-46.0	1080.3
-6000	600	-2.0	-1.0	0.0	-4.0	-4.0	-25.0	-1.0	-49.0	813.9
-6000	625	-2.0	-2.0	-1.0	-6.0	-9.0	-30.0	-32.0	-50.0	782.6
-6000	650	-2.0	-2.0	-1.0	-6.0	-7.0	-27.0	-30.0	-50.0	804.9
-6000	675	-3.0	-2.0	-1.0	-6.0	-7.0	-26.0	-27.0	-47.0	857.0
-6000	700	-3.0	-2.0	-2.0	-6.0	-8.0	-26.0	-27.0	-47.0	932.6
-6000	725	-3.0	0.0	0.0	1.0	7.0	-7.0	10.0	-25.0	1313.1
-6000	750	-2.0	2.0	0.0	7.0	17.0	12.0	37.0	-4.0	1136.2
-6000	775	-4.0	0.0	0.0	6.0	14.0	10.0	31.0	-2.0	844.2
-6000	800	-2.0	1.0	0.0	3.0	10.0	4.0	21.0	-10.0	748.8

-5800	-25	-3.0	-2.0	-2.0	-7.0	-6.0	-35.0	-40.0	-65.0	1162.1
-5800	0	-2.0	-2.0	0.0	-4.0	5.0	-27.0	-27.0	-67.0	1102.6
-5800	25	-2.0	0.0	1.0	3.0	19.0	-16.0	5.0	-68.0	978.0
-5800	50	-2.0	1.0	2.0	5.0	25.0	-10.0	20.0	-60.0	877.0
-5800	75	-2.0	1.0	1.0	5.0	21.0	-14.0	12.0	-64.0	967.0
-5800	100	-3.0	1.0	1.0	4.0	20.0	-16.0	9.0	-60.0	835.4
-5800	125	-3.0	0.0	0.0	2.0	14.0	-16.0	2.0	-60.0	797.1
-5800	150	-2.0	0.0	1.0	0.0	12.0	-20.0	-4.0	-64.0	758.4
-5800	175	-3.0	0.0	0.0	-2.0	4.0	-25.0	-16.0	-61.0	733.0
-5800	200	-2.0	0.0	1.0	0.0	7.0	-19.0	-5.0	-57.0	786.4
-5800	225	-2.0	0.0	1.0	2.0	11.0	-15.0	-5.0	-50.0	815.1
-5800	250	-3.0	0.0	1.0	1.0	10.0	-16.0	4.0	-53.0	873.2
-5800	275	-3.0	0.0	1.0	1.0	11.0	-17.0	3.0	-54.0	941.2
-5800	300	-3.0	1.0	1.0	2.0	14.0	-14.0	10.0	-48.0	857.2
-5800	325	-3.0	1.0	1.0	2.0	14.0	-14.0	9.0	-49.0	868.2
-5800	350	-3.0	0.0	1.0	2.0	13.0	-17.0	6.0	-51.0	864.5
-5800	375	-3.0	0.0	0.0	2.0	13.0	-15.0	6.0	-50.0	830.9
-5800	400	-3.0	1.0	0.0	3.0	14.0	-10.0	15.0	-44.0	821.9
-5800	425	-3.0	0.0	-1.0	1.0	10.0	-16.0	4.0	-49.0	801.2
-5800	450	-3.0	0.0	-1.0	-2.0	6.0	-19.0	-5.0	-51.0	776.1
-5800	475	-3.0	0.0	0.0	-1.0	7.0	-19.0	-3.0	-52.0	781.5
-5800	500	-3.0	0.0	0.0	-1.0	8.0	-18.0	1.0	-50.0	793.7
-5800	525	-3.0	0.0	-1.0	-1.0	5.0	-20.0	-6.0	-53.0	819.5
-5800	550	-3.0	0.0	0.0	-1.0	8.0	-16.0	-5.0	-54.0	780.1
-5800	575	-2.0	0.0	0.0	2.0	14.0	-13.0	12.0	-48.0	803.1
-5800	600	-3.0	1.0	0.0	3.0	16.0	-10.0	14.0	-48.0	806.4
-5800	625	-3.0	1.0	0.0	2.0	12.0	-15.0	4.0	-52.0	806.9
-5800	650	-3.0	0.0	0.0	-1.0	7.0	-26.0	-2.0	-53.0	795.1
-5800	675	-3.0	0.0	0.0	1.0	9.0	-18.0	2.0	-48.0	811.1
-5800	700	-3.0	0.0	0.0	-1.0	5.0	-21.0	-8.0	-51.0	836.6
-5800	725	-3.0	0.0	-1.0	-2.0	4.0	-21.0	-8.0	-48.0	975.8
-5800	750	-2.0	1.0	1.0	1.0	11.0	-12.0	7.0	-38.0	887.2
-5800	775	-3.0	1.0	1.0	4.0	14.0	-3.0	21.0	-29.0	718.2
-5800	800	-3.0	1.0	0.0	4.0	14.0	-2.0	23.0	-27.0	710.6
-5800	825	-3.0	2.0	0.0	6.0	17.0	6.0	32.0	-16.0	708.5
-5700	-325	-3.0	-1.0	-2.0	0.0	2.0	-7.0	2.0	-25.0	782.4
-5700	-300	-4.0	0.0	-2.0	2.0	6.0	0.0	18.0	-8.0	774.9
-5700	-275	-4.0	0.0	-2.0	3.0	10.0	5.0	25.0	-13.0	788.3
-5700	-250	-3.0	0.0	-2.0	3.0	11.0	4.0	27.0	-19.0	776.1
-5700	-225	-4.0	0.0	-2.0	3.0	12.0	1.0	25.0	-24.0	818.3
-5700	-200	-4.0	0.0	-2.0	-1.0	5.0	-14.0	0.0	-46.0	919.1
-5700	-175	-3.0	-1.0	-2.0	-3.0	1.0	-20.0	-14.0	-50.0	954.6
-5700	-150	-3.0	-2.0	-3.0	-7.0	-9.0	-29.0	-32.0	-56.0	910.8
-5700	-125	-3.0	-3.0	-3.0	-8.0	-11.0	-34.0	-40.0	-57.0	910.5
-5700	-100	-3.0	-3.0	-3.0	-8.0	-10.0	-31.0	-36.0	-57.0	927.1
-5700	-75	-4.0	-3.0	-3.0	-7.0	-9.0	-31.0	-38.0	-58.0	959.9
-5700	-50	-3.0	-2.0	-3.0	-8.0	-10.0	-34.0	-39.0	-62.0	934.2
-5700	-25	-3.0	-2.0	-2.0	-6.0	-3.0	-31.0	-32.0	-66.0	974.1
-5700	0	-3.0	0.0	-1.0	0.0	11.0	-15.0	1.0	-56.0	1009.1
-5700	25	-3.0	1.0	0.0	6.0	24.0	-2.0	31.0	-49.0	936.9
-5700	50	-3.0	1.0	0.0	8.0	26.0	0.0	36.0	-49.0	855.6
-5700	75	-3.0	1.0	0.0	3.0	21.0	-6.0	24.0	-54.0	952.4
-5700	100	-3.0	1.0	1.0	6.0	22.0	-11.0	19.0	-55.0	884.6
-5700	125	-4.0	1.0	0.0	4.0	18.0	-13.0	10.0	-54.0	836.7
-5700	150	-3.0	-1.0	-1.0	-2.0	5.0	-27.0	-19.0	-62.0	788.8
-5700	175	-4.0	-1.0	-2.0	-5.0	-3.0	-33.0	-35.0	-64.0	753.6
-5700	200	-3.0	-1.0	-1.0	-4.0	1.0	-30.0	-26.0	-63.0	795.4
-5700	225	-3.0	0.0	0.0	-1.0	9.0	-23.0	-10.0	-62.0	816.9
-5700	250	-3.0	0.0	0.0	0.0	11.0	-23.0	-6.0	-65.0	920.3
-5700	275	-3.0	0.0	0.0	1.0	12.0	-22.0	-5.0	-64.0	922.4

-5700	300	-3.0	0.0	0.0	1.0	12.0	-21.0	-5.0	-64.0	873.1
-5700	325	-3.0	0.0	0.0	0.0	12.0	-21.0	-6.0	-62.0	845.5
-5700	350	-3.0	0.0	0.0	0.0	11.0	-21.0	-2.0	-58.0	823.7
-5700	375	-3.0	1.0	1.0	3.0	15.0	-18.0	5.0	-61.0	852.1
-5700	400	-3.0	1.0	1.0	4.0	19.0	-14.0	16.0	-58.0	866.4
-5700	425	-3.0	0.0	0.0	0.0	12.0	-21.0	-1.0	-62.0	857.4
-5700	450	-3.0	0.0	0.0	0.0	11.0	-22.0	-5.0	-62.0	800.5
-5700	475	-3.0	0.0	0.0	-1.0	9.0	-22.0	-6.0	-60.0	815.0
-5700	500	-3.0	-1.0	-1.0	-2.0	6.0	-24.0	-14.0	-61.0	852.1
-5700	525	-3.0	-1.0	-1.0	-4.0	2.0	-28.0	-22.0	-63.0	830.9
-5700	550	-3.0	-1.0	-1.0	-4.0	2.0	-27.0	-22.0	-61.0	808.4
-5700	575	-3.0	0.0	0.0	0.0	10.0	-21.0	-8.0	-59.0	813.3
-5700	600	-3.0	0.0	0.0	-1.0	8.0	-23.0	-12.0	-62.0	820.2
-5700	625	-3.0	0.0	0.0	-1.0	8.0	-24.0	-14.0	-62.0	846.8
-5700	650	-3.0	0.0	0.0	-1.0	8.0	-23.0	-9.0	-60.0	846.3
-5700	675	-2.0	0.0	1.0	-2.0	8.0	-23.0	-9.0	-60.0	934.1
-5700	700	-3.0	0.0	0.0	-1.0	7.0	-21.0	-7.0	-58.0	1011.8
-5700	725	-3.0	-1.0	-1.0	-3.0	3.0	-23.0	-14.0	-33.0	885.3
-5700	750	-3.0	0.0	0.0	1.0	10.0	-17.0	3.0	-48.0	901.6
-5700	775	-3.0	1.0	1.0	3.0	14.0	-10.0	14.0	-43.0	753.3
-5700	800	-2.0	1.0	1.0	5.0	17.0	-3.0	24.0	-32.0	707.2
-5700	825	-3.0	2.0	0.0	5.0	17.0	-2.0	26.0	-29.0	704.1
-5600	-325	-3.0	0.0	-2.0	0.0	3.0	-5.0	13.0	-19.0	779.4
-5600	-300	-3.0	0.0	-1.0	0.0	5.0	-4.0	10.0	-20.0	791.5
-5600	-275	-3.0	0.0	-2.0	0.0	4.0	-8.0	6.0	-25.0	802.7
-5600	-250	-4.0	-1.0	-2.0	0.0	4.0	-8.0	6.0	-27.0	799.0
-5600	-225	-3.0	0.0	-1.0	0.0	6.0	-7.0	9.0	-25.0	880.6
-5600	-200	-3.0	0.0	-1.0	0.0	5.0	-10.0	5.0	-31.0	879.1
-5600	-175	-3.0	0.0	-1.0	0.0	6.0	-9.0	6.0	-33.0	910.5
-5600	-150	-3.0	-1.0	-1.0	0.0	6.0	-12.0	3.0	-35.0	892.1
-5600	-125	-3.0	-1.0	-1.0	1.0	7.0	-10.0	6.0	-36.0	900.1
-5600	-100	-3.0	-1.0	-1.0	0.0	7.0	-12.0	3.0	-40.0	935.7
-5600	-75	-3.0	-1.0	-1.0	-2.0	4.0	-15.0	-5.0	-45.0	1011.7
-5600	-50	-3.0	-1.0	-1.0	-2.0	4.0	-16.0	-6.0	-45.0	874.6
-5600	-25	-3.0	-1.0	-1.0	-1.0	5.0	-16.0	-5.0	-45.0	903.4
-5600	0	-3.0	0.0	-1.0	0.0	10.0	-11.0	6.0	-44.0	1013.7
-5600	25	-3.0	0.0	-1.0	4.0	19.0	1.0	30.0	-33.0	966.0
-5600	50	-3.0	1.0	0.0	7.0	21.0	4.0	36.0	-29.0	865.1
-5600	75	-3.0	2.0	0.0	10.0	29.0	12.0	30.0	-31.0	1008.6
-5600	100	-3.0	0.0	0.0	6.0	20.0	0.0	26.0	-44.0	864.8
-5600	125	-3.0	0.0	0.0	3.0	14.0	-14.0	4.0	-52.0	814.9
-5600	150	-3.0	-1.0	-1.0	-2.0	2.0	-25.0	-21.0	-59.0	768.4
-5600	175	-3.0	-2.0	-2.0	-7.0	-9.0	-35.0	-41.0	-67.0	771.8
-5600	200	-3.0	-2.0	-2.0	-6.0	-5.0	-34.0	-36.0	-61.0	790.9
-5600	225	-3.0	-2.0	-1.0	-4.0	1.0	-26.0	-27.0	-65.0	805.6
-5600	250	-3.0	0.0	-1.0	0.0	10.0	-24.0	-14.0	-68.0	859.0
-5600	275	-3.0	0.0	0.0	1.0	14.0	-20.0	-7.0	-68.0	832.6
-5600	300	-3.0	0.0	1.0	2.0	15.0	-20.0	-5.0	-68.0	821.3
-5600	325	-4.0	0.0	1.0	3.0	16.0	-18.0	0.0	-67.0	815.4
-5600	350	-3.0	0.0	1.0	1.0	14.0	-21.0	-7.0	-70.0	827.2
-5600	375	-4.0	0.0	0.0	2.0	16.0	-20.0	-5.0	-68.0	851.7
-5600	400	-4.0	0.0	0.0	1.0	10.0	-20.0	-10.0	-65.0	833.6
-5600	425	-3.0	1.0	1.0	2.0	17.0	-20.0	-2.0	-60.0	806.4
-5600	450	-3.0	0.0	1.0	2.0	16.0	-20.0	-4.0	-65.0	794.9
-5600	475	-3.0	0.0	0.0	1.0	12.0	-24.0	-11.0	-69.0	803.6
-5600	500	-3.0	0.0	1.0	3.0	16.0	-20.0	-4.0	-68.0	822.5
-5600	525	-3.0	0.0	1.0	3.0	19.0	-20.0	-1.0	-70.0	883.8
-5600	550	-3.0	0.0	2.0	5.0	21.0	-19.0	3.0	-70.0	959.8
-5600	575	-3.0	0.0	2.0	5.0	21.0	-18.0	2.0	-72.0	1078.2
-5600	600	-3.0	1.0	2.0	5.0	23.0	-14.0	9.0	-68.0	1014.8

-5600	625	-2.0	0.0	2.0	1.0	7.0	-25.0	-12.0	-65.0	875.6
-5600	650	-3.0	-1.0	0.0	-5.0	-2.0	-31.0	-34.0	-62.0	821.9
-5600	675	-3.0	-2.0	-2.0	-7.0	-9.0	-35.0	-44.0	-59.0	828.6
-5600	700	-3.0	-2.0	-2.0	-4.0	-5.0	-31.0	-35.0	-60.0	854.1
-5600	725	-3.0	-2.0	-1.0	-4.0	1.0	-25.0	-24.0	-61.0	932.4
-5600	750	-3.0	0.0	0.0	-1.0	6.0	-25.0	-18.0	-65.0	1177.2
-5600	775	-3.0	0.0	1.0	2.0	15.0	-24.0	-10.0	-69.0	1080.2
-5600	800	-3.0	1.0	2.0	3.0	18.0	-21.0	-3.0	-70.0	817.8
-5600	825	-3.0	0.0	2.0	3.0	16.0	-19.0	-2.0	-66.0	749.4
-5500	-325	-3.0	0.0	-2.0	2.0	5.0	-1.0	9.0	-14.0	818.6
-5500	-300	-3.0	-1.0	-2.0	0.0	3.0	-6.0	3.0	-24.0	784.9
-5500	-275	-4.0	0.0	-1.0	2.0	6.0	-1.0	13.0	-17.0	765.6
-5500	-250	-3.0	0.0	-2.0	3.0	8.0	4.0	20.0	-10.0	775.1
-5500	-225	-3.0	0.0	-2.0	6.0	11.0	9.0	26.0	-2.0	838.1
-5500	-200	-3.0	0.0	-2.0	6.0	12.0	11.0	29.0	1.0	859.0
-5500	-175	-3.0	0.0	-2.0	2.0	8.0	0.0	16.0	-18.0	905.1
-5500	-150	-3.0	0.0	-2.0	2.0	9.0	-3.0	14.0	-24.0	953.3
-5500	-125	-3.0	0.0	-2.0	0.0	6.0	-9.0	5.0	-34.0	981.1
-5500	-100	-3.0	0.0	-1.0	1.0	8.0	-9.0	6.0	-35.0	967.3
-5500	-75	-3.0	0.0	-2.0	-2.0	3.0	-16.0	-6.0	-40.0	1155.0
-5500	-50	-3.0	-1.0	-2.0	-4.0	-4.0	-24.0	-20.0	-49.0	1050.5
-5500	-25	-3.0	-2.0	-2.0	-4.0	-3.0	-24.0	-20.0	-50.0	872.8
-5500	0	-3.0	0.0	-1.0	0.0	9.0	-11.0	5.0	-40.0	939.8
-5500	25	-3.0	1.0	0.0	6.0	20.0	3.0	31.0	-30.0	966.8
-5500	50	-4.0	1.0	-1.0	3.0	15.0	-9.0	14.0	-46.0	863.9
-5500	75	-3.0	0.0	-1.0	1.0	13.0	-14.0	5.0	-52.0	978.3
-5500	100	-3.0	-1.0	0.0	3.0	18.0	-10.0	15.0	-51.0	873.8
-5500	125	-3.0	0.0	0.0	3.0	18.0	-13.0	10.0	-55.0	806.1
-5500	150	-3.0	-2.0	0.0	-2.0	5.0	-25.0	-19.0	-66.0	774.6
-5500	175	-3.0	-2.0	-2.0	-8.0	-7.0	-37.0	-45.0	-65.0	767.7
-5500	200	-3.0	-2.0	-1.0	-3.0	2.0	-30.0	-26.0	-65.0	757.2
-5500	225	-3.0	0.0	0.0	-1.0	9.0	-24.0	-15.0	-66.0	768.4
-5500	250	-2.0	0.0	0.0	0.0	10.0	-24.0	-15.0	-70.0	787.5
-5500	275	-3.0	0.0	0.0	1.0	11.0	-25.0	-15.0	-69.0	802.2
-5500	300	-3.0	0.0	0.0	1.0	12.0	-25.0	-14.0	-74.0	797.8
-5500	325	-3.0	1.0	0.0	2.0	15.0	-24.0	-10.0	-73.0	801.4
-5500	350	-3.0	0.0	1.0	2.0	16.0	-24.0	-11.0	-74.0	804.0
-5500	375	-3.0	0.0	1.0	0.0	12.0	-27.0	-19.0	-74.0	799.2
-5500	400	-3.0	0.0	1.0	-1.0	10.0	-30.0	-24.0	-73.0	804.8
-5500	425	-3.0	0.0	1.0	-1.0	9.0	-31.0	-25.0	-71.0	805.7
-5500	450	-3.0	0.0	1.0	-1.0	7.0	-31.0	-38.0	-74.0	794.0
-5500	475	-3.0	-2.0	1.0	-1.0	9.0	-32.0	-30.0	-75.0	786.4
-5500	500	-3.0	0.0	1.0	0.0	11.0	-31.0	-25.0	-75.0	782.0
-5500	525	-4.0	0.0	1.0	2.0	17.0	-26.0	-15.0	-79.0	792.9
-5500	550	-3.0	1.0	3.0	6.0	29.0	-21.0	-1.0	-84.0	792.9
-5500	575	-3.0	2.0	3.0	10.0	36.0	-20.0	2.0	-86.0	808.9
-5500	600	-3.0	1.0	2.0	6.0	26.0	-24.0	-9.0	-85.0	824.7
-5500	625	-3.0	0.0	1.0	0.0	10.0	-31.0	-28.0	-75.0	830.9
-5500	650	-4.0	-2.0	0.0	-5.0	-2.0	-36.0	-44.0	-65.0	834.6
-5500	675	-3.0	-3.0	-2.0	-9.0	-14.0	-44.0	-56.0	-57.0	833.4
-5500	700	-3.0	-2.0	-2.0	-8.0	-12.0	-40.0	-56.0	-59.0	818.6
-5500	725	-3.0	-3.0	-1.0	-6.0	-8.0	-38.0	-50.0	-61.0	822.9
-5500	750	-3.0	-1.0	0.0	-3.0	3.0	-39.0	-41.0	-74.0	849.6
-5500	775	-3.0	0.0	3.0	3.0	20.0	-31.0	-24.0	-86.0	859.2
-5500	800	-3.0	0.0	4.0	8.0	30.0	-26.0	-10.0	-90.0	804.4
-5500	825	-3.0	1.0	3.0	6.0	27.0	-30.0	-9.0	-90.0	750.3
-5400	-325	-2.0	1.0	1.0	5.0	11.0	11.0	22.0	9.0	807.6
-5400	-300	-4.0	0.0	0.0	5.0	9.0	10.0	21.0	5.0	764.8
-5400	-275	-3.0	1.0	-1.0	5.0	11.0	11.0	24.0	6.0	803.7
-5400	-250	-3.0	1.0	-1.0	7.0	12.0	16.0	31.0	11.0	947.7

-5400	-225	-3.0	1.0	-1.0	8.0	14.0	18.0	35.0	14.0	979.0
-5400	-200	-2.0	1.0	0.0	7.0	14.0	13.0	33.0	2.0	796.1
-5400	-175	-3.0	1.0	-1.0	3.0	11.0	3.0	20.0	-15.0	846.1
-5400	-150	-3.0	0.0	-1.0	2.0	9.0	-7.0	11.0	-29.0	916.3
-5400	-125	-2.0	0.0	-1.0	0.0	6.0	-11.0	2.0	-37.0	979.5
-5400	-100	-2.0	-1.0	-1.0	-4.0	-1.0	-20.0	-11.0	-46.0	1190.9
-5400	-75	-2.0	-3.0	-2.0	-8.0	-9.0	-29.0	-31.0	-52.0	1068.8
-5400	-50	-2.0	-3.0	-3.0	-9.0	-11.0	-34.0	-40.0	-55.0	1185.0
-5400	-25	-2.0	-3.0	0.0	-3.0	3.0	-19.0	-7.0	-49.0	987.1
-5400	0	-3.0	-1.0	-1.0	-2.0	6.0	-17.0	-3.0	-49.0	870.3
-5400	25	-3.0	0.0	-1.0	0.0	9.0	-18.0	1.0	-51.0	859.4
-5400	50	-3.0	0.0	0.0	4.0	19.0	-5.0	21.0	-45.0	834.0
-5400	75	-3.0	0.0	0.0	5.0	20.0	-7.0	17.0	-50.0	828.3
-5400	100	-2.0	1.0	4.0	6.0	21.0	-5.0	22.0	-51.0	823.2
-5400	125	-3.0	0.0	0.0	4.0	18.0	-11.0	10.0	-52.0	815.5
-5400	150	-3.0	0.0	0.0	2.0	15.0	-17.0	1.0	-59.0	780.2
-5400	175	-3.0	-1.0	-1.0	0.0	7.0	-24.0	-16.0	-66.0	769.2
-5400	200	-3.0	-2.0	0.0	-3.0	4.0	-30.0	-25.0	-66.0	781.1
-5400	225	-3.0	-1.0	0.0	1.0	10.0	-24.0	-11.0	-65.0	789.6
-5400	250	-3.0	0.0	0.0	1.0	10.0	-24.0	-14.0	-68.0	776.4
-5400	275	-3.0	0.0	1.0	0.0	11.0	-25.0	-15.0	-70.0	782.7
-5400	300	-3.0	0.0	1.0	1.0	11.0	-24.0	-14.0	-70.0	781.4
-5400	325	-3.0	0.0	1.0	1.0	1.0	-25.0	-15.0	-74.0	775.5
-5400	350	-3.0	0.0	1.0	0.0	9.0	-29.0	-24.0	-73.0	779.8
-5400	375	-3.0	0.0	1.0	-1.0	8.0	-30.0	-24.0	-71.0	791.9
-5400	400	-3.0	0.0	1.0	-2.0	5.0	-35.0	-35.0	-74.0	807.3
-5400	425	-3.0	0.0	1.0	-3.0	5.0	-36.0	-37.0	-73.0	828.5
-5400	450	-2.0	-1.0	2.0	0.0	9.0	-34.0	-29.0	-73.0	835.7
-5400	475	-2.0	0.0	3.0	4.0	19.0	-27.0	14.0	-75.0	816.0
-5400	500	-3.0	1.0	4.0	5.0	25.0	-25.0	-3.0	-79.0	805.8
-5400	525	-3.0	1.0	4.0	5.0	22.0	-26.0	-11.0	-81.0	799.8
-5400	550	-3.0	0.0	2.0	3.0	16.0	-30.0	-20.0	-76.0	811.5
-5400	575	-2.0	0.0	1.0	-1.0	8.0	-34.0	-31.0	-74.0	801.0
-5400	600	-3.0	0.0	-1.0	-5.0	-5.0	-40.0	-49.0	-68.0	787.1
-5400	625	-3.0	-4.0	-2.0	-10.0	-14.0	-41.0	-59.0	-62.0	782.8
-5400	650	-3.0	-3.0	-2.0	-10.0	-14.0	-45.0	-59.0	-64.0	807.8
-5400	675	-3.0	-2.0	-1.0	-7.0	-10.0	-46.0	-57.0	-65.0	810.7
-5400	700	-3.0	1.0	3.0	-5.0	-1.0	-40.0	-44.0	-74.0	832.0
-5400	725	-3.0	-1.0	1.0	-5.0	0.0	-45.0	-55.0	-76.0	828.1
-5400	750	-2.0	0.0	3.0	-1.0	6.0	-44.0	-47.0	-81.0	791.6
-5400	775	-3.0	0.0	3.0	0.0	11.0	-44.0	-43.0	-85.0	773.6
-5400	800	-3.0	0.0	3.0	1.0	11.0	-41.0	-40.0	-85.0	760.8
-5400	825	-3.0	0.0	4.0	-1.0	11.0	-40.0	-41.0	-82.0	734.3
-5300	-325	-3.0	0.0	-1.0	3.0	9.0	-1.0	16.0	-19.0	772.0
-5300	-300	-3.0	0.0	-1.0	3.0	9.0	-2.0	15.0	-20.0	790.8
-5300	-275	-3.0	0.0	-1.0	3.0	12.0	1.0	20.0	-19.0	850.0
-5300	-250	-3.0	-1.0	-2.0	1.0	9.0	-6.0	10.0	-37.0	951.7
-5300	-225	-3.0	-1.0	-2.0	0.0	7.0	-12.0	2.0	-38.0	883.7
-5300	-200	-3.0	-1.0	-1.0	-1.0	6.0	-15.0	-3.0	-44.0	808.8
-5300	-175	-3.0	-2.0	-2.0	-2.0	5.0	-16.0	-5.0	-49.0	813.6
-5300	-150	-4.0	-2.0	-2.0	-3.0	-2.0	-24.0	-19.0	-51.0	835.1
-5300	-125	-3.0	-2.0	-2.0	-6.0	-6.0	-27.0	-30.0	-56.0	882.4
-5300	-100	-3.0	-2.0	-2.0	-6.0	-6.0	-28.0	-34.0	-59.0	943.8
-5300	-75	-3.0	-2.0	-2.0	-5.0	-3.0	-26.0	-26.0	-60.0	986.4
-5300	-50	-3.0	-1.0	-2.0	-4.0	0.0	-25.0	-23.0	-60.0	1001.8
-5300	-25	-3.0	-1.0	-1.0	-3.0	2.0	-25.0	-21.0	-69.0	920.2
-5300	0	-3.0	0.0	-1.0	0.0	10.0	-20.0	-6.0	-60.0	858.5
-5300	25	-4.0	0.0	0.0	2.0	14.0	-16.0	-1.0	-62.0	812.7
-5300	50	-3.0	0.0	0.0	5.0	20.0	-13.0	15.0	-60.0	816.1
-5300	75	-3.0	1.0	1.0	6.0	25.0	-4.0	27.0	-56.0	840.8

-5300	100	-4.0	1.0	1.0	6.0	24.0	-6.0	21.0	-56.0	795.4
-5300	125	-4.0	1.0	0.0	5.0	20.0	-10.0	12.0	-59.0	740.9
-5300	150	-3.0	1.0	1.0	4.0	19.0	-16.0	6.0	-61.0	729.6
-5300	175	-3.0	1.0	1.0	5.0	20.0	-12.0	10.0	-60.0	742.1
-5300	200	-3.0	0.0	0.0	2.0	16.0	-18.0	-2.0	-65.0	752.4
-5300	225	-3.0	0.0	0.0	1.0	10.0	-24.0	-12.0	-68.0	775.4
-5300	250	-3.0	0.0	0.0	2.0	14.0	-21.0	-8.0	-68.0	787.3
-5300	275	-3.0	0.0	0.0	1.0	10.0	-25.0	-15.0	-69.0	794.3
-5300	300	-3.0	-1.0	0.0	-3.0	3.0	-31.0	-30.0	-67.0	803.4
-5300	325	-4.0	-2.0	-1.0	-6.0	-7.0	-37.0	-44.0	-65.0	820.8
-5300	350	-3.0	-1.0	0.0	-4.0	-4.0	-34.0	-40.0	-65.0	831.5
-5300	375	-3.0	0.0	1.0	-2.0	1.0	-34.0	-34.0	-65.0	836.7
-5300	400	-3.0	0.0	1.0	0.0	8.0	-31.0	-25.0	-69.0	823.6
-5300	425	-3.0	1.0	3.0	6.0	23.0	-22.0	0.0	-71.0	796.3
-5300	450	-3.0	2.0	5.0	14.0	40.0	-8.0	30.0	-74.0	788.0
-5300	475	-3.0	5.0	6.0	17.0	52.0	1.0	53.0	-72.0	771.3
-5300	500	-3.0	2.0	5.0	15.0	42.0	-5.0	36.0	-67.0	786.9
-5300	525	-3.0	0.0	1.0	5.0	20.0	-18.0	4.0	-66.0	810.5
-5300	550	-3.0	-1.0	-2.0	-3.0	1.0	-25.0	-25.0	-61.0	817.8
-5300	575	-3.0	-3.0	-4.0	-10.0	-15.0	-35.0	-49.0	-55.0	802.1
-5300	600	-3.0	-2.0	-5.0	-13.0	-25.0	-40.0	-60.0	-51.0	797.8
-5300	625	-4.0	-3.0	-4.0	-11.0	-14.0	-37.0	-55.0	-55.0	801.6
-5300	650	-3.0	-3.0	-2.0	-7.0	-7.0	-36.0	-46.0	-65.0	820.3
-5300	675	-3.0	-1.0	1.0	-3.0	5.0	-36.0	-36.0	-75.0	897.5
-5300	700	-3.0	0.0	3.0	1.0	11.0	-35.0	-29.0	-79.0	789.2
-5300	725	-3.0	1.0	3.0	1.0	12.0	-34.0	-25.0	-76.0	764.7
-5300	750	-3.0	0.0	3.0	0.0	8.0	-35.0	-31.0	-75.0	759.7
-5300	775	-3.0	0.0	2.0	-1.0	6.0	-34.0	-29.0	-71.0	769.5
-5300	800	-3.0	0.0	2.0	1.0	14.0	-25.0	-14.0	-70.0	739.9
-5300	825	-3.0	0.0	3.0	2.0	15.0	-21.0	-5.0	-69.0	707.8
-5200	-725	0.0	-1.0	1.0	-3.0	7.0	-20.0	-6.0	-55.0	774.6
-5200	-700	0.0	-1.0	1.0	-3.0	7.0	-20.0	-4.0	-55.0	759.5
-5200	-675	0.0	-1.0	1.0	-3.0	10.0	-20.0	-3.0	-55.0	752.9
-5200	-650	0.0	-1.0	2.0	-3.0	9.0	-20.0	-4.0	-55.0	763.4
-5200	-625	0.0	-1.0	1.0	-3.0	7.0	-20.0	-8.0	-56.0	761.8
-5200	-600	0.0	-1.0	1.0	-3.0	7.0	-20.0	-9.0	-54.0	760.8
-5200	-575	0.0	-1.0	1.0	-2.0	8.0	-20.0	-6.0	-54.0	753.5
-5200	-550	0.0	-1.0	1.0	-2.0	9.0	-19.0	-4.0	-51.0	739.1
-5200	-525	0.0	-1.0	1.0	-1.0	11.0	-16.0	-3.0	-49.0	736.2
-5200	-500	0.0	0.0	2.0	2.0	16.0	-9.0	16.0	-41.0	751.1
-5200	-475	0.0	1.0	2.0	3.0	20.0	-4.0	27.0	-36.0	756.0
-5200	-450	0.0	1.0	2.0	4.0	20.0	-2.0	30.0	-34.0	740.4
-5200	-425	0.0	1.0	2.0	4.0	20.0	-3.0	29.0	-35.0	750.0
-5200	-400	0.0	1.0	2.0	4.0	20.0	-4.0	29.0	-36.0	746.6
-5200	-375	0.0	1.0	2.0	3.0	20.0	-4.0	26.0	-36.0	738.9
-5200	-350	0.0	0.0	2.0	0.0	14.0	-14.0	8.0	-49.0	757.3
-5200	-325	1.0	-1.0	2.0	-1.0	14.0	-19.0	2.0	-55.0	765.2
-5200	-300	-1.0	-1.0	1.0	-2.0	11.0	-21.0	-5.0	-59.0	811.5
-5200	-275	-1.0	2.0	1.0	-3.0	8.0	-25.0	-14.0	-64.0	883.6
-5200	-250	-1.0	-1.0	1.0	-3.0	8.0	-26.0	-14.0	-65.0	884.9
-5200	-225	-1.0	-1.0	1.0	-3.0	9.0	-27.0	-15.0	-66.0	826.3
-5200	-200	-1.0	-1.0	1.0	-3.0	10.0	-25.0	-13.0	-67.0	834.5
-5200	-175	0.0	-1.0	2.0	-3.0	9.0	-30.0	-17.0	-69.0	875.9
-5200	-150	0.0	-2.0	2.0	-4.0	6.0	-30.0	-24.0	-70.0	920.5
-5200	-125	0.0	-2.0	2.0	-3.0	7.0	-30.0	-24.0	-69.0	1007.0
-5200	-100	0.0	-1.0	2.0	-3.0	8.0	-30.0	-24.0	-65.0	1085.5
-5200	-75	0.0	-1.0	2.0	-2.0	13.0	-25.0	-13.0	-65.0	1128.6
-5200	-50	-1.0	0.0	3.0	2.0	20.0	-20.0	5.0	-67.0	1091.7
-5200	-25	0.0	1.0	3.0	3.0	26.0	-16.0	14.0	-66.0	915.4
-5200	0	0.0	1.0	4.0	5.0	30.0	-13.0	19.0	-65.0	841.2

-5200	25	0.0	0.0	3.0	3.0	25.0	-18.0	9.0	-66.0	830.2
-5200	50	0.0	0.0	3.0	3.0	24.0	-19.0	6.0	-65.0	885.5
-5200	75	0.0	0.0	3.0	2.0	18.0	-20.0	-3.0	-65.0	852.4
-5200	100	0.0	-1.0	2.0	-2.0	12.0	-26.0	-14.0	-68.0	779.4
-5200	125	1.0	-1.0	4.0	-1.0	15.0	-25.0	-11.0	-67.0	738.8
-5200	150	0.0	0.0	3.0	0.0	15.0	-25.0	-10.0	-68.0	735.2
-5200	175	0.0	0.0	3.0	1.0	20.0	-21.0	-3.0	-68.0	769.6
-5200	200	0.0	0.0	3.0	1.0	20.0	-21.0	-3.0	-70.0	808.6
-5200	225	0.0	0.0	3.0	1.0	20.0	-22.0	-3.0	-72.0	809.0
-5200	250	-1.0	0.0	3.0	1.0	20.0	-21.0	-3.0	-71.0	795.8
-5200	275	0.0	0.0	3.0	-2.0	12.0	-29.0	-17.0	-71.0	821.2
-5200	300	0.0	-1.0	2.0	-4.0	4.0	-32.0	-29.0	-68.0	817.8
-5200	325	0.0	-2.0	2.0	-5.0	2.0	-36.0	-36.0	-68.0	815.8
-5200	350	0.0	-1.0	2.0	-4.0	4.0	-35.0	-31.0	-68.0	835.4
-5200	375	0.0	-1.0	3.0	2.0	17.0	-24.0	-6.0	-65.0	869.7
-5200	400	0.0	1.0	4.0	4.0	25.0	-19.0	7.0	-64.0	833.2
-5200	425	0.0	1.0	6.0	6.0	30.0	-20.0	11.0	-69.0	863.9
-5200	450	1.0	2.0	7.0	11.0	42.0	-10.0	34.0	-66.0	833.2
-5200	475	1.0	3.0	7.0	11.0	44.0	-11.0	34.0	-70.0	849.1
-5200	500	0.0	1.0	6.0	6.0	30.0	-20.0	6.0	-75.0	838.8
-5200	525	0.0	-1.0	2.0	-3.0	7.0	-35.0	-28.0	-70.0	847.0
-5200	550	-1.0	-4.0	-1.0	-9.0	-9.0	-36.0	-44.0	-61.0	838.0
-5200	575	-1.0	-3.0	-1.0	-10.0	-10.0	-34.0	-41.0	-59.0	819.5
-5200	600	-1.0	-4.0	-3.0	-12.0	-16.0	-36.0	-49.0	-56.0	790.5
-5200	625	-1.0	-3.0	-2.0	-8.0	-6.0	-29.0	-30.0	-55.0	770.6
-5200	650	-1.0	-1.0	1.0	10.0	10.0	-21.0	-4.0	-60.0	819.8
-5200	675	0.0	1.0	6.0	5.0	29.0	-16.0	17.0	-66.0	852.0
-5200	700	1.0	2.0	8.0	8.0	35.0	-16.0	23.0	-66.0	796.2
-5200	725	0.0	1.0	7.0	4.0	25.0	-20.0	6.0	-67.0	792.4
-5200	750	0.0	0.0	5.0	0.0	13.0	-27.0	-12.0	-65.0	803.2
-5200	775	-1.0	-1.0	3.0	-3.0	4.0	-32.0	-25.0	-64.0	799.1
-5200	800	-1.0	-1.0	3.0	-2.0	8.0	-25.0	-12.0	-57.0	791.6
-5200	825	0.0	-1.0	3.0	-2.0	8.0	-23.0	-10.0	-55.0	782.9
-5100	-725	0.0	1.0	4.0	5.0	35.0	-12.0	24.0	-71.0	729.7
-5100	-700	-1.0	1.0	3.0	5.0	33.0	-16.0	16.0	-75.0	750.6
-5100	-675	-1.0	1.0	3.0	3.0	26.0	-31.0	0.0	-78.0	756.4
-5100	-650	-1.0	-1.0	3.0	-1.0	16.0	-31.0	-20.0	-80.0	766.7
-5100	-625	-1.0	-1.0	2.0	-4.0	6.0	-38.0	-36.0	-79.0	759.6
-5100	-600	-1.0	-2.0	1.0	-6.0	-1.0	-44.0	-50.0	-75.0	758.0
-5100	-575	-1.0	-3.0	-1.0	-8.0	-6.0	-45.0	-58.0	-72.0	746.8
-5100	-550	-1.0	-2.0	-1.0	-8.0	-5.0	-45.0	-59.0	-74.0	745.3
-5100	-525	-1.0	-3.0	-1.0	-8.0	-6.0	-49.0	-61.0	-75.0	729.0
-5100	-500	-1.0	-2.0	2.0	-7.0	0.0	-42.0	-55.0	-80.0	723.8
-5100	-475	0.0	-1.0	3.0	-4.0	6.0	-45.0	-50.0	-84.0	727.9
-5100	-450	-1.0	-1.0	3.0	-4.0	6.0	-45.0	-49.0	-85.0	731.2
-5100	-425	-1.0	-1.0	3.0	-4.0	6.0	-45.0	-50.0	-84.0	740.4
-5100	-400	-1.0	-1.0	3.0	-4.0	6.0	-45.0	-46.0	-84.0	762.8
-5100	-375	-1.0	-1.0	3.0	-3.0	9.0	-44.0	-40.0	-84.0	752.8
-5100	-350	-1.0	-1.0	3.0	-2.0	12.0	-40.0	-34.0	-85.0	757.9
-5100	-325	0.0	-1.0	3.0	-2.0	12.0	-40.0	-35.0	-85.0	801.2
-5100	-300	0.0	-1.0	3.0	-2.0	13.0	-40.0	-35.0	-89.0	867.7
-5100	-275	-1.0	-1.0	3.0	-2.0	11.0	-40.0	-34.0	-82.0	918.4
-5100	-250	-1.0	-1.0	3.0	-2.0	12.0	-39.0	-35.0	-80.0	873.8
-5100	-225	0.0	-1.0	3.0	-2.0	13.0	-35.0	-29.0	-80.0	841.1
-5100	-200	0.0	-1.0	3.0	-2.0	12.0	-35.0	-29.0	-77.0	863.0
-5100	-175	0.0	0.0	3.0	1.0	19.0	-30.0	-15.0	-76.0	907.5
-5100	-150	0.0	0.0	3.0	0.0	18.0	-29.0	-16.0	-76.0	983.7
-5100	-125	0.0	0.0	3.0	1.0	19.0	-26.0	-10.0	-71.0	1057.3
-5100	-100	-1.0	0.0	3.0	0.0	16.0	-29.0	-16.0	-72.0	1085.2
-5100	-75	0.0	0.0	3.0	1.0	18.0	-26.0	-9.0	-70.0	1028.5

-5100	-50	0.0	1.0	4.0	4.0	26.0	-20.0	-6.0	-68.0	903.3
-5100	-25	0.0	1.0	4.0	4.0	30.0	-18.0	11.0	-70.0	807.7
-5100	0	0.0	2.0	5.0	8.0	35.0	-10.0	30.0	-66.0	787.6
-5100	25	0.0	0.0	4.0	3.0	26.0	-20.0	5.0	-70.0	800.9
-5100	50	-1.0	-1.0	3.0	2.0	21.0	-22.0	-3.0	-70.0	821.3
-5100	75	-1.0	-1.0	1.0	0.0	15.0	-25.0	-12.0	-70.0	823.2
-5100	100	-1.0	-1.0	2.0	-1.0	8.0	-26.0	-16.0	-70.0	776.1
-5100	125	-1.0	-1.0	2.0	-2.0	9.0	-30.0	-25.0	-70.0	740.7
-5100	150	-1.0	-1.0	2.0	-3.0	9.0	-30.0	-24.0	-69.0	744.6
-5100	175	-1.0	0.0	3.0	1.0	13.0	-22.0	-5.0	-70.0	791.1
-5100	200	0.0	1.0	3.0	2.0	20.0	-21.0	-3.0	-75.0	798.2
-5100	225	0.0	0.0	3.0	2.0	20.0	-20.0	-1.0	-73.0	814.2
-5100	250	-1.0	-1.0	3.0	1.0	18.0	-25.0	-8.0	-71.0	830.4
-5100	275	-1.0	-1.0	2.0	-2.0	11.0	-30.0	-20.0	-70.0	869.8
-5100	300	-1.0	-1.0	3.0	-2.0	11.0	-29.0	-18.0	-68.0	848.5
-5100	325	0.0	-1.0	3.0	-2.0	9.0	-30.0	-20.0	-69.0	829.6
-5100	350	0.0	0.0	4.0	2.0	20.0	-20.0	-1.0	-65.0	817.1
-5100	375	0.0	1.0	4.0	5.0	29.0	-14.0	16.0	-64.0	821.5
-5100	400	0.0	2.0	5.0	8.0	35.0	-7.0	31.0	-60.0	834.0
-5100	425	0.0	2.0	6.0	10.0	40.0	-15.0	36.0	-69.0	828.9
-5100	450	0.0	2.0	6.0	8.0	36.0	-16.0	21.0	-70.0	796.8
-5100	475	0.0	2.0	6.0	4.0	27.0	-25.0	-2.0	-75.0	807.5
-5100	500	0.0	0.0	5.0	-2.0	10.0	-40.0	-36.0	-77.0	820.7
-5100	525	0.0	0.0	4.0	-3.0	6.0	-41.0	-39.0	-75.0	827.2
-5100	550	-1.0	-3.0	0.0	-8.0	-5.0	-40.0	-45.0	-61.0	827.6
-5100	575	-3.0	-5.0	-5.0	-11.0	-16.0	-36.0	-49.0	-56.0	812.4
-5100	600	-4.0	-6.0	-8.0	-13.0	-20.0	-35.0	-54.0	-54.0	803.6
-5100	625	-5.0	-5.0	-8.0	-10.0	-13.0	-22.0	-35.0	-52.0	803.9
-5100	650	-4.0	-4.0	-6.0	-7.0	-7.0	-25.0	-27.0	-54.0	880.3
-5100	675	-2.0	-2.0	-1.0	-4.0	0.0	-25.0	-21.0	-59.0	910.8
-5100	700	0.0	0.0	4.0	-1.0	12.0	-23.0	-15.0	-67.0	829.2
-5100	725	1.0	1.0	5.0	1.0	10.0	-30.0	-18.0	-68.0	835.9
-5100	750	0.0	0.0	4.0	-3.0	6.0	-34.0	-25.0	-65.0	837.9
-5100	775	0.0	0.0	4.0	-2.0	7.0	-26.0	-14.0	-60.0	820.6
-5100	800	0.0	1.0	4.0	2.0	14.0	-14.0	9.0	-45.0	814.0
-5100	825	0.0	0.0	3.0	0.0	10.0	-18.0	1.0	-45.0	808.4
-5000	-700	0.0	-1.0	3.0	-3.0	8.0	-41.0	-43.0	-76.0	783.4
-5000	-675	-1.0	-2.0	2.0	-5.0	8.0	-45.0	-50.0	-75.0	766.5
-5000	-650	-1.0	-2.0	2.0	-6.0	-2.0	-50.0	-61.0	-74.0	753.6
-5000	-625	-1.0	-2.0	2.0	-7.0	-7.0	-54.0	-68.0	-72.0	735.9
-5000	-600	-1.0	-2.0	2.0	-8.0	-10.0	-53.0	-74.0	-70.0	737.0
-5000	-575	-1.0	-2.0	2.0	-9.0	-12.0	-60.0	-78.0	-70.0	737.2
-5000	-550	-1.0	-3.0	2.0	-10.0	-16.0	-62.0	-84.0	-63.0	737.5
-5000	-525	-1.0	-2.0	3.0	-9.0	-14.0	-64.0	-81.0	-70.0	741.3
-5000	-500	-1.0	-1.0	4.0	-7.0	-8.0	-64.0	-80.0	-74.0	741.9
-5000	-475	0.0	-1.0	5.0	-5.0	-1.0	-65.0	-75.0	-79.0	746.0
-5000	-450	-1.0	-1.0	5.0	-4.0	-1.0	-64.0	-77.0	-80.0	750.3
-5000	-425	-1.0	-1.0	4.0	-6.0	-5.0	-65.0	-79.0	-75.0	753.2
-5000	-400	-1.0	-1.0	4.0	-6.0	-6.0	-63.0	-75.0	-75.0	769.2
-5000	-375	-1.0	-1.0	4.0	-5.0	-1.0	-61.0	-70.0	-79.0	778.4
-5000	-350	-1.0	-1.0	4.0	4.0	2.0	-59.0	-66.0	-81.0	791.9
-5000	-325	-1.0	-1.0	4.0	3.0	3.0	-55.0	-63.0	-81.0	849.7
-5000	-300	-1.0	-1.0	5.0	3.0	5.0	-53.0	-55.0	-82.0	867.3
-5000	-275	-1.0	0.0	5.0	1.0	12.0	-50.0	-48.0	-86.0	854.3
-5000	-250	-1.0	0.0	5.0	0.0	14.0	-49.0	-41.0	-86.0	841.7
-5000	-225	-1.0	-1.0	5.0	-1.0	15.0	-45.0	-37.0	-85.0	853.0
-5000	-200	-1.0	-1.0	4.0	-1.0	14.0	-43.0	-35.0	-85.0	900.5
-5000	-175	0.0	-1.0	4.0	-1.0	17.0	-40.0	-31.0	-87.0	963.0
-5000	-150	0.0	-1.0	4.0	0.0	15.0	-40.0	-26.0	-84.0	1065.1
-5000	-125	0.0	-1.0	3.0	-4.0	6.0	-40.0	-37.0	-73.0	1192.8

-5000	-100	0.0	-1.0	3.0	-5.0	3.0	-41.0	-40.0	-74.0	1093.8
-5000	-75	0.0	-1.0	3.0	-3.0	9.0	-32.0	-30.0	-75.0	934.4
-5000	-50	0.0	-1.0	4.0	-1.0	15.0	-33.0	-20.0	-75.0	819.7
-5000	-25	0.0	-1.0	3.0	-1.0	17.0	-30.0	-14.0	-76.0	777.0
-5000	0	0.0	0.0	4.0	2.0	24.0	-25.0	-1.0	-76.0	783.2
-5000	25	0.0	0.0	4.0	3.0	29.0	-19.0	12.0	-71.0	866.4
-5000	50	0.0	0.0	3.0	0.0	19.0	-25.0	-5.0	-74.0	814.2
-5000	75	0.0	-1.0	3.0	0.0	16.0	-27.0	-9.0	-70.0	766.7
-5000	100	0.0	-1.0	2.0	-2.0	13.0	-27.0	-12.0	-70.0	747.9
-5000	125	0.0	-1.0	2.0	-2.0	9.0	-30.0	-17.0	-70.0	746.1
-5000	150	0.0	-1.0	3.0	-2.0	10.0	-31.0	-16.0	-70.0	790.2
-5000	175	0.0	-1.0	2.0	-2.0	11.0	-30.0	-13.0	-70.0	793.9
-5000	200	0.0	0.0	4.0	1.0	20.0	-21.0	-3.0	-69.0	818.5
-5000	225	1.0	0.0	4.0	0.0	18.0	-25.0	1.0	-70.0	876.6
-5000	250	0.0	-1.0	3.0	0.0	15.0	-25.0	-6.0	-70.0	856.3
-5000	275	0.0	0.0	3.0	-1.0	14.0	-25.0	-6.0	-70.0	820.5
-5000	300	0.0	0.0	2.0	-2.0	11.0	-24.0	-12.0	-69.0	800.0
-5000	325	0.0	0.0	3.0	-2.0	12.0	-26.0	-10.0	-68.0	795.8
-5000	350	0.0	0.0	3.0	0.0	16.0	-24.0	-3.0	-67.0	810.6
-5000	375	0.0	0.0	4.0	2.0	20.0	-21.0	4.0	-67.0	791.8
-5000	400	0.0	0.0	4.0	0.0	16.0	-26.0	-4.0	-70.0	780.9
-5000	425	0.0	0.0	5.0	-1.0	7.0	-26.0	-12.0	-73.0	778.1
-5000	450	0.0	0.0	6.0	-1.0	15.0	-35.0	-20.0	-74.0	788.8
-5000	475	1.0	0.0	7.0	-1.0	13.0	-37.0	-27.0	-75.0	803.6
-5000	500	3.0	-1.0	7.0	2.0	12.0	-45.0	-35.0	-81.0	822.4
-5000	525	-2.0	-3.0	0.0	-5.0	0.0	-39.0	-38.0	-70.0	827.4
-5000	550	-8.0	-9.0	-14.0	-10.0	-18.0	-27.0	-40.0	-50.0	827.1
-5000	575	-13.0	-12.0	-20.0	-12.0	-29.0	-24.0	-45.0	-40.0	857.3
-5000	600	-14.0	-12.0	-23.0	-13.0	-30.0	-22.0	-45.0	-36.0	877.7
-5000	625	-14.0	-12.0	-22.0	-13.0	-30.0	-21.0	-45.0	-36.0	999.7
-5000	650	-11.0	-19.0	-17.0	-12.0	-24.0	-23.0	-37.0	-40.0	1412.0
-5000	675	-1.0	-2.0	0.0	-5.0	-1.0	-25.0	-14.0	-57.0	1122.7
-5000	700	5.0	2.0	10.0	0.0	19.0	-25.0	4.0	-64.0	869.2
-5000	725	6.0	3.0	12.0	0.0	23.0	-24.0	9.0	-61.0	821.5
-5000	750	4.0	1.0	8.0	-1.0	15.0	-25.0	1.0	-60.0	805.4
-5000	775	2.0	1.0	6.0	0.0	15.0	-20.0	8.0	-53.0	790.4
-5000	800	1.0	1.0	4.0	1.0	17.0	-13.0	17.0	-45.0	781.0
-5000	825	0.0	1.0	3.0	0.0	12.0	-15.0	11.0	-43.0	777.0
-4900	-700	-1.0	-1.0	3.0	-1.0	15.0	-32.0	-19.0	-78.0	755.7
-4900	-675	-1.0	-1.0	3.0	-2.0	12.0	-35.0	-26.0	-75.0	752.9
-4900	-650	-1.0	-1.0	3.0	-2.0	11.0	-39.0	-34.0	-79.0	749.6
-4900	-625	-1.0	-1.0	3.0	-3.0	8.0	-44.0	-40.0	-80.0	754.4
-4900	-600	-1.0	-1.0	3.0	-4.0	5.0	-45.0	-46.0	-80.0	759.3
-4900	-575	-1.0	-1.0	3.0	-4.0	4.0	-49.0	-50.0	-79.0	752.6
-4900	-550	-1.0	-1.0	3.0	-6.0	1.0	-50.0	-56.0	-76.0	770.0
-4900	-525	-1.0	-1.0	3.0	-6.0	0.0	-51.0	-60.0	-75.0	769.8
-4900	-500	-1.0	-2.0	3.0	-7.0	-7.0	-59.0	-70.0	-75.0	763.6
-4900	-475	-1.0	-2.0	3.0	-8.0	-8.0	-60.0	-74.0	-74.0	752.3
-4900	-450	-1.0	-2.0	3.0	-8.0	-8.0	-61.0	-75.0	-75.0	756.4
-4900	-425	-1.0	-1.0	4.0	-5.0	-2.0	-60.0	-69.0	-79.0	770.0
-4900	-400	-1.0	-2.0	3.0	-5.0	-3.0	-60.0	-70.0	-76.0	779.8
-4900	-375	-1.0	-2.0	4.0	-5.0	-1.0	-59.0	-70.0	-78.0	785.4
-4900	-350	0.0	0.0	5.0	-2.0	7.0	-54.0	-54.0	-83.0	816.8
-4900	-325	0.0	0.0	6.0	1.0	17.0	-50.0	-45.0	-85.0	825.3
-4900	-300	0.0	0.0	6.0	1.0	19.0	-46.0	-39.0	-86.0	825.1
-4900	-275	0.0	0.0	6.0	1.0	16.0	-47.0	-40.0	-86.0	830.6
-4900	-250	0.0	0.0	5.0	2.0	20.0	-41.0	-29.0	-86.0	835.8
-4900	-225	0.0	0.0	4.0	0.0	15.0	-40.0	-30.0	-82.0	870.0
-4900	-200	0.0	0.0	4.0	-1.0	13.0	-39.0	-30.0	-80.0	918.0
-4900	-175	0.0	0.0	4.0	-1.0	13.0	-37.0	-29.0	-80.0	962.4

-4900	-150	-1.0	-1.0	3.0	-1.0	12.0	-35.0	-21.0	-77.0	1007.4
-4900	-125	0.0	1.0	3.0	-2.0	12.0	-35.0	-21.0	-75.0	1053.8
-4900	-100	0.0	-1.0	3.0	-2.0	14.0	-31.0	-16.0	-75.0	1022.3
-4900	-75	0.0	0.0	3.0	0.0	17.0	-29.0	-10.0	-75.0	904.9
-4900	-50	0.0	-1.0	3.0	-2.0	12.0	-30.0	-16.0	-71.0	802.1
-4900	-25	0.0	-1.0	3.0	-2.0	9.0	-30.0	-18.0	-68.0	779.4
-4900	0	-1.0	-1.0	2.0	-3.0	7.0	-30.0	-20.0	-67.0	808.1
-4900	25	0.0	-1.0	2.0	-4.0	7.0	-30.0	-20.0	-67.0	811.3
-4900	50	0.0	0.0	3.0	-1.0	13.0	-25.0	-6.0	-65.0	785.0
-4900	75	0.0	0.0	3.0	2.0	19.0	-19.0	11.0	-61.0	769.9
-4900	100	0.0	1.0	3.0	5.0	29.0	-8.0	34.0	-54.0	805.2
-4900	125	0.0	1.0	3.0	4.0	26.0	-10.0	29.0	-55.0	874.4
-4900	150	0.0	0.0	3.0	3.0	25.0	-8.0	27.0	-52.0	817.4
-4900	175	0.0	0.0	3.0	3.0	24.0	-11.0	24.0	-51.0	796.9
-4900	200	0.0	0.0	2.0	-1.0	13.0	-20.0	-2.0	-56.0	805.1
-4900	225	0.0	-1.0	2.0	-3.0	7.0	-26.0	-10.0	-61.0	807.8
-4900	250	0.0	-1.0	2.0	-3.0	6.0	-27.0	-14.0	-64.0	797.9
-4900	275	0.0	-1.0	2.0	-2.0	10.0	-25.0	-6.0	-62.0	787.6
-4900	300	0.0	0.0	3.0	-1.0	13.0	-21.0	-1.0	-62.0	818.2
-4900	325	0.0	0.0	3.0	-1.0	14.0	-20.0	3.0	-61.0	857.0
-4900	350	0.0	0.0	3.0	-1.0	13.0	-20.0	3.0	-60.0	859.4
-4900	375	0.0	0.0	4.0	-1.0	13.0	-23.0	-2.0	-61.0	841.8
-4900	400	0.0	0.0	4.0	-1.0	11.0	-25.0	-11.0	-64.0	813.2
-4900	425	0.0	-1.0	4.0	-2.0	8.0	-30.0	-16.0	-65.0	806.4
-4900	450	0.0	0.0	5.0	1.0	11.0	-30.0	-13.0	-66.0	796.2
-4900	475	1.0	1.0	6.0	1.0	19.0	-25.0	0.0	-69.0	795.3
-4900	500	0.0	0.0	5.0	2.0	25.0	-20.0	11.0	-65.0	795.4
-4900	525	0.0	0.0	3.0	-2.0	11.0	-25.0	-4.0	-60.0	805.9
-4900	550	0.0	-2.0	1.0	-5.0	-1.0	-25.0	-15.0	-52.0	830.7
-4900	575	0.0	-2.0	0.0	-6.0	-3.0	-23.0	-17.0	-45.0	837.3
-4900	600	-1.0	-3.0	-4.0	-9.0	-11.0	-23.0	-21.0	-42.0	888.4
-4900	625	-1.0	-3.0	-4.0	-8.0	-8.0	-20.0	-15.0	-39.0	1042.1
-4900	650	-1.0	-1.0	1.0	-1.0	9.0	-14.0	9.0	-35.0	1451.0
-4900	675	0.0	2.0	7.0	5.0	24.0	-16.0	20.0	-54.0	940.5
-4900	700	1.0	3.0	8.0	5.0	26.0	-15.0	24.0	-54.0	837.2
-4900	725	2.0	1.0	9.0	2.0	20.0	-20.0	13.0	-57.0	810.7
-4900	750	2.0	1.0	7.0	0.0	13.0	-23.0	0.0	-56.0	771.9
-4900	775	0.0	0.0	5.0	-2.0	9.0	-25.0	-7.0	-55.0	768.7
-4900	800	1.0	0.0	3.0	-3.0	7.0	-23.0	-6.0	-54.0	774.5
-4900	825	1.0	0.0	3.0	-2.0	3.0	-1.0	1.0	-47.0	778.1
-4800	-725	0.0	1.0	3.0	5.0	20.0	0.0	30.0	-30.0	788.8
-4800	-700	0.0	1.0	3.0	5.0	25.0	2.0	35.0	-34.0	784.2
-4800	-675	1.0	1.0	3.0	5.0	24.0	1.0	30.0	-31.0	768.2
-4800	-650	1.0	1.0	3.0	3.0	20.0	-3.0	20.0	-39.0	768.0
-4800	-625	1.0	1.0	3.0	3.0	24.0	-6.0	24.0	-42.0	764.4
-4800	-600	0.0	0.0	3.0	3.0	20.0	-11.0	18.0	-49.0	762.1
-4800	-575	0.0	0.0	3.0	2.0	19.0	-14.0	13.0	-54.0	771.2
-4800	-550	0.0	0.0	3.0	1.0	17.0	-18.0	6.0	-57.0	756.5
-4800	-525	0.0	0.0	3.0	1.0	18.0	-20.0	4.0	-62.0	751.0
-4800	-500	0.0	0.0	3.0	1.0	19.0	-20.0	3.0	-65.0	747.4
-4800	-475	0.0	-1.0	3.0	-2.0	9.0	-29.0	-19.0	-64.0	762.5
-4800	-450	0.0	-1.0	2.0	-4.0	6.0	-33.0	-27.0	-69.0	755.6
-4800	-425	0.0	-2.0	2.0	-5.0	4.0	-35.0	-37.0	-70.0	766.0
-4800	-400	0.0	-2.0	2.0	-6.0	0.0	-39.0	-42.0	-70.0	788.6
-4800	-375	-1.0	-2.0	2.0	-6.0	-2.0	-40.0	-46.0	-71.0	803.5
-4800	-350	0.0	-1.0	3.0	-4.0	3.0	-40.0	-42.0	-74.0	809.4
-4800	-325	0.0	-1.0	4.0	-2.0	12.0	-38.0	-34.0	-79.0	831.4
-4800	-300	0.0	-1.0	4.0	-2.0	12.0	-40.0	-36.0	-83.0	845.8
-4800	-275	0.0	0.0	4.0	0.0	17.0	-37.0	-29.0	-84.0	849.0
-4800	-250	0.0	-1.0	3.0	-1.0	14.0	-36.0	-27.0	-80.0	889.1

-4800	-225	0.0	-1.0	2.0	-3.0	7.0	-35.0	-30.0	-75.0	935.7
-4800	-200	0.0	-2.0	2.0	-4.0	4.0	-35.0	-31.0	-70.0	973.3
-4800	-175	0.0	-1.0	2.0	-5.0	2.0	-33.0	-30.0	-65.0	1051.6
-4800	-150	0.0	-1.0	1.0	-6.0	1.0	-33.0	-30.0	-60.0	1113.2
-4800	-125	0.0	-1.0	2.0	-3.0	7.0	-26.0	-17.0	-62.0	1089.3
-4800	-100	0.0	-1.0	2.0	-1.0	11.0	-21.0	-6.0	-60.0	1070.7
-4800	-75	0.0	0.0	3.0	1.0	15.0	-19.0	3.0	-57.0	939.6
-4800	-50	0.0	0.0	3.0	2.0	17.0	-17.0	8.0	-55.0	838.9
-4800	-25	0.0	0.0	3.0	3.0	20.0	-10.0	21.0	-46.0	828.5
-4800	0	0.0	1.0	3.0	4.0	20.0	-7.0	23.0	-40.0	828.4
-4800	25	1.0	0.0	3.0	3.0	20.0	-5.0	24.0	-38.0	787.8
-4800	50	0.0	1.0	3.0	6.0	25.0	2.0	36.0	-26.0	765.6
-4800	75	0.0	2.0	3.0	6.0	25.0	5.0	39.0	-24.0	800.0
-4800	100	0.0	4.0	3.0	1.0	20.0	-1.0	30.0	-27.0	876.2
-4800	125	0.0	1.0	3.0	4.0	20.0	-1.0	30.0	-28.0	811.1
-4800	150	0.0	1.0	3.0	3.0	19.0	-3.0	26.0	-29.0	821.2
-4800	175	0.0	0.0	2.0	1.0	13.0	-11.0	12.0	-36.0	841.1
-4800	200	0.0	-1.0	2.0	1.0	10.0	-17.0	2.0	-44.0	859.8
-4800	225	0.0	-1.0	2.0	-1.0	8.0	-17.0	-1.0	-44.0	798.9
-4800	250	0.0	0.0	2.0	0.0	12.0	-12.0	7.0	-38.0	809.0
-4800	275	0.0	0.0	3.0	1.0	14.0	-13.0	12.0	-38.0	826.0
-4800	300	0.0	0.0	3.0	2.0	15.0	-10.0	14.0	-39.0	869.1
-4800	325	0.0	0.0	3.0	2.0	17.0	-8.0	18.0	-38.0	850.6
-4800	350	0.0	0.0	4.0	2.0	17.0	-12.0	17.0	-44.0	820.3
-4800	375	1.0	1.0	4.0	1.0	16.0	-15.0	10.0	-47.0	853.0
-4800	400	0.0	0.0	4.0	0.0	13.0	-20.0	-1.0	-52.0	841.0
-4800	425	0.0	0.0	4.0	-1.0	9.0	-25.0	-12.0	-55.0	800.3
-4800	450	0.0	0.0	4.0	-1.0	11.0	-25.0	-11.0	-60.0	797.8
-4800	475	0.0	0.0	5.0	-1.0	16.0	-21.0	-1.0	-60.0	792.1
-4800	500	0.0	0.0	4.0	-1.0	9.0	-24.0	-10.0	-56.0	791.2
-4800	525	-1.0	-2.0	0.0	-8.0	-7.0	-33.0	-37.0	-53.0	792.8
-4800	550	-1.0	-4.0	-4.0	-11.0	-17.0	-34.0	-45.0	-50.0	801.6
-4800	575	-1.0	-5.0	-5.0	-11.0	-17.0	-29.0	-41.0	-44.0	832.7
-4800	600	-2.0	-7.0	-7.0	-11.0	-16.0	-25.0	-34.0	-40.0	959.9
-4800	625	-2.0	-5.0	-6.0	-10.0	-13.0	-23.0	-30.0	-43.0	1315.9
-4800	650	-2.0	-2.0	0.0	-2.0	9.0	-17.0	-1.0	-50.0	1626.9
-4800	675	0.0	-1.0	5.0	-4.0	24.0	-13.0	17.0	-54.0	1079.3
-4800	700	2.0	3.0	7.0	5.0	26.0	-11.0	25.0	-44.0	949.9
-4800	725	2.0	2.0	8.0	-2.0	20.0	-18.0	12.0	-54.0	838.0
-4800	750	1.0	1.0	6.0	-1.0	11.0	-22.0	6.0	-56.0	780.5
-4800	775	1.0	1.0	4.0	-2.0	9.0	-21.0	-5.0	-52.0	773.3
-4800	800	0.0	0.0	4.0	-2.0	8.0	-20.0	-4.0	-48.0	778.1
-4800	825	0.0	0.0	3.0	-1.0	8.0	-8.0	2.0	-41.0	785.5
-4700	-725	1.0	1.0	2.0	2.0	12.0	2.0	25.0	-9.0	805.3
-4700	-700	0.0	0.0	2.0	3.0	12.0	2.0	25.0	-9.0	798.4
-4700	-675	1.0	0.0	2.0	3.0	13.0	2.0	25.0	-11.0	799.9
-4700	-650	0.0	0.0	1.0	3.0	12.0	1.0	23.0	-12.0	800.6
-4700	-625	0.0	0.0	2.0	3.0	13.0	1.0	24.0	-13.0	842.1
-4700	-600	0.0	0.0	2.0	3.0	13.0	-1.0	23.0	-15.0	796.0
-4700	-575	0.0	0.0	2.0	2.0	12.0	-3.0	21.0	-20.0	763.1
-4700	-550	0.0	0.0	2.0	2.0	13.0	-2.0	22.0	-20.0	771.3
-4700	-525	0.0	0.0	2.0	3.0	14.0	-2.0	25.0	-20.0	799.4
-4700	-500	0.0	0.0	2.0	3.0	15.0	-3.0	25.0	-25.0	808.9
-4700	-475	0.0	0.0	2.0	2.0	15.0	-7.0	20.0	-31.0	791.9
-4700	-450	0.0	0.0	2.0	0.0	11.0	-14.0	8.0	-42.0	799.9
-4700	-425	-1.0	-1.0	2.0	-1.0	10.0	-17.0	5.0	-45.0	822.1
-4700	-400	0.0	-2.0	1.0	-2.0	7.0	-21.0	-3.0	-52.0	832.6
-4700	-375	0.0	-2.0	2.0	-3.0	6.0	-25.0	-10.0	-55.0	851.4
-4700	-350	0.0	-2.0	1.0	-4.0	5.0	-26.0	-15.0	-58.0	885.8
-4700	-325	0.0	-2.0	1.0	-4.0	4.0	-28.0	-16.0	-60.0	919.3

-4700	-300	0.0	1.0	2.0	-2.0	9.0	-24.0	7.0	-60.0	931.1
-4700	-275	0.0	-1.0	2.0	-1.0	13.0	-20.0	1.0	-60.0	951.3
-4700	-250	0.0	-1.0	2.0	-1.0	11.0	-20.0	0.0	-55.0	965.5
-4700	-225	0.0	-1.0	2.0	-3.0	7.0	-20.0	-4.0	-50.0	976.9
-4700	-200	0.0	-1.0	1.0	-4.0	3.0	-20.0	-9.0	-45.0	982.3
-4700	-175	0.0	-1.0	1.0	-3.0	5.0	-19.0	-5.0	-41.0	1005.9
-4700	-150	0.0	0.0	1.0	-1.0	8.0	-13.0	6.0	-35.0	1039.4
-4700	-125	0.0	0.0	2.0	1.0	14.0	-8.0	17.0	-30.0	993.0
-4700	-100	0.0	0.0	2.0	3.0	17.0	-4.0	25.0	-29.0	898.7
-4700	-75	1.0	1.0	3.0	4.0	20.0	-1.0	34.0	-25.0	850.8
-4700	-50	0.0	0.0	2.0	3.0	18.0	-4.0	26.0	-29.0	811.6
-4700	-25	0.0	0.0	2.0	2.0	14.0	-8.0	14.0	-34.0	784.8
-4700	0	0.0	0.0	2.0	1.0	12.0	-11.0	7.0	-36.0	750.2
-4700	25	0.0	0.0	2.0	1.0	11.0	-9.0	9.0	-33.0	743.5
-4700	50	0.0	0.0	2.0	2.0	13.0	-5.0	15.0	-25.0	880.7
-4700	75	0.0	0.0	2.0	2.0	12.0	-6.0	13.0	-25.0	844.8
-4700	100	0.0	1.0	2.0	4.0	15.0	1.0	25.0	-18.0	780.7
-4700	125	0.0	1.0	2.0	5.0	17.0	7.0	32.0	-8.0	797.6
-4700	150	0.0	1.0	2.0	5.0	15.0	6.0	29.0	-7.0	735.5
-4700	175	0.0	0.0	2.0	2.0	11.0	-4.0	14.0	-20.0	792.1
-4700	200	0.0	0.0	2.0	2.0	10.0	-5.0	12.0	-21.0	800.7
-4700	225	0.0	0.0	2.0	2.0	11.0	-4.0	13.0	-20.0	832.0
-4700	250	0.0	0.0	2.0	2.0	11.0	-3.0	15.0	-19.0	925.9
-4700	275	0.0	1.0	2.0	2.0	12.0	-1.0	18.0	-16.0	930.0
-4700	300	1.0	1.0	3.0	4.0	15.0	3.0	25.0	-12.0	797.4
-4700	325	1.0	1.0	3.0	4.0	18.0	4.0	30.0	-14.0	823.5
-4700	350	0.0	1.0	3.0	5.0	17.0	0.0	25.0	-20.0	933.9
-4700	375	0.0	1.0	3.0	2.0	14.0	-9.0	11.0	-33.0	1064.6
-4700	400	0.0	0.0	4.0	0.0	10.0	-18.0	-5.0	-40.0	872.0
-4700	425	1.0	1.0	5.0	-2.0	6.0	-26.0	-15.0	-54.0	780.0
-4700	450	1.0	1.0	6.0	-1.0	9.0	-25.0	-12.0	-54.0	778.3
-4700	475	-3.0	-4.0	-5.0	-7.0	-7.0	-20.0	-19.0	-40.0	785.7
-4700	500	-7.0	-11.0	-19.0	-17.0	-31.0	-20.0	-46.0	-32.0	792.7
-4700	525	-8.0	-13.0	-23.0	-18.0	-37.0	-20.0	-50.0	-30.0	797.3
-4700	550	-9.0	-14.0	-24.0	-18.0	-38.0	-21.0	-51.0	-30.0	822.5
-4700	575	-9.0	-13.0	-22.0	-15.0	-31.0	-18.0	-43.0	-29.0	909.5
-4700	600	-6.0	-9.0	-14.0	-10.0	-17.0	-17.0	-26.0	-35.0	1026.1
-4700	625	4.0	2.0	8.0	-2.0	12.0	-20.0	-1.0	-55.0	1643.8
-4700	650	9.0	8.0	18.0	4.0	31.0	-14.0	30.0	-51.0	1019.5
-4700	675	8.0	7.0	17.0	8.0	34.0	-8.0	38.0	-45.0	879.4
-4700	700	6.0	6.0	14.0	7.0	31.0	-1.0	45.0	-32.0	826.2
-4700	725	4.0	3.0	9.0	1.0	17.0	-15.0	12.0	-45.0	777.4
-4700	750	2.0	1.0	6.0	0.0	13.0	-15.0	7.0	-46.0	771.3
-4700	775	1.0	1.0	4.0	-3.0	6.0	-20.0	-6.0	-46.0	776.5
-4700	800	1.0	0.0	3.0	-4.0	3.0	-21.0	-11.0	-47.0	805.2
-4700	825	2.0	0.0	3.0	-3.0	5.0	-19.0	-6.0	-42.0	822.3
-4600	-725	0.0	0.0	1.0	3.0	8.0	5.0	16.0	1.0	747.0
-4600	-700	0.0	0.0	1.0	2.0	8.0	2.0	15.0	-2.0	754.9
-4600	-675	0.0	0.0	1.0	1.0	7.0	0.0	13.0	-5.0	781.7
-4600	-650	0.0	0.0	1.0	1.0	7.0	0.0	14.0	-5.0	850.6
-4600	-625	0.0	0.0	1.0	2.0	8.0	1.0	15.0	-4.0	884.2
-4600	-600	0.0	0.0	2.0	2.0	8.0	0.0	13.0	-7.0	790.8
-4600	-575	0.0	0.0	1.0	1.0	8.0	-2.0	13.0	-11.0	791.5
-4600	-550	0.0	0.0	2.0	2.0	10.0	2.0	17.0	-3.0	817.9
-4600	-525	0.0	0.0	1.0	2.0	10.0	4.0	19.0	-2.0	808.5
-4600	-500	1.0	1.0	2.0	4.0	12.0	5.0	24.0	0.0	799.3
-4600	-475	1.0	1.0	1.0	4.0	12.0	6.0	25.0	0.0	821.9
-4600	-450	1.0	1.0	1.0	4.0	12.0	6.0	25.0	-1.0	841.8
-4600	-425	0.0	0.0	1.0	2.0	10.0	-2.0	17.0	-15.0	865.5
-4600	-400	0.0	0.0	1.0	1.0	8.0	-7.0	11.0	-22.0	926.5

-4600	-375	0.0	-1.0	1.0	-1.0	7.0	-10.0	7.0	-25.0	970.6
-4600	-350	0.0	-1.0	1.0	-1.0	6.0	-12.0	4.0	-30.0	983.2
-4600	-325	0.0	-1.0	1.0	-1.0	6.0	-13.0	2.0	-30.0	1022.7
-4600	-300	0.0	-1.0	1.0	-1.0	7.0	-11.0	5.0	-29.0	1043.6
-4600	-275	0.0	-1.0	1.0	0.0	9.0	-6.0	14.0	-23.0	1061.0
-4600	-250	0.0	-1.0	1.0	0.0	8.0	-7.0	10.0	-25.0	1109.1
-4600	-225	0.0	-1.0	1.0	-1.0	7.0	-9.0	7.0	-26.0	1168.2
-4600	-200	0.0	-1.0	1.0	-1.0	6.0	-9.0	7.0	-25.0	1212.6
-4600	-175	0.0	-1.0	1.0	0.0	8.0	-7.0	11.0	-22.0	1153.7
-4600	-150	0.0	0.0	1.0	1.0	11.0	-3.0	19.0	-20.0	1034.5
-4600	-125	0.0	0.0	2.0	3.0	15.0	1.0	26.0	-19.0	960.2
-4600	-100	0.0	0.0	2.0	3.0	16.0	0.0	28.0	-20.0	857.8
-4600	-75	0.0	0.0	2.0	3.0	17.0	1.0	29.0	-19.0	821.3
-4600	-50	0.0	0.0	2.0	2.0	14.0	-4.0	23.0	-24.0	788.8
-4600	-25	0.0	0.0	2.0	1.0	12.0	-8.0	15.0	-29.0	759.6
-4600	0	0.0	0.0	1.0	1.0	11.0	-8.0	13.0	-28.0	746.1
-4600	25	0.0	0.0	2.0	2.0	13.0	-2.0	20.0	-20.0	871.3
-4600	50	1.0	1.0	2.0	2.0	14.0	-2.0	25.0	-19.0	885.1
-4600	75	1.0	1.0	2.0	3.0	15.0	-2.0	29.0	-16.0	788.3
-4600	100	1.0	1.0	2.0	4.0	16.0	6.0	33.0	-8.0	929.9
-4600	125	1.0	1.0	2.0	2.0	13.0	2.0	23.0	-18.0	983.3
-4600	150	0.0	0.0	2.0	1.0	10.0	-8.0	13.0	-24.0	811.9
-4600	175	0.0	0.0	2.0	-1.0	9.0	-11.0	9.0	-28.0	812.1
-4600	200	0.0	0.0	2.0	0.0	9.0	-8.0	11.0	-24.0	827.8
-4600	225	0.0	0.0	2.0	0.0	8.0	-8.0	10.0	-24.0	916.9
-4600	250	0.0	0.0	2.0	1.0	9.0	-9.0	14.0	-18.0	1339.3
-4600	275	0.0	1.0	2.0	6.0	17.0	11.0	36.0	7.0	929.4
-4600	300	1.0	2.0	3.0	6.0	18.0	8.0	36.0	-3.0	901.6
-4600	325	1.0	1.0	4.0	3.0	16.0	-2.0	28.0	-20.0	867.5
-4600	350	1.0	1.0	3.0	1.0	12.0	-11.0	12.0	-33.0	873.6
-4600	375	0.0	0.0	3.0	-2.0	6.0	-21.0	-5.0	-45.0	814.1
-4600	400	0.0	-1.0	3.0	-5.0	0.0	-30.0	-23.0	-56.0	763.2
-4600	425	0.0	-1.0	3.0	-7.0	-4.0	-36.0	-34.0	-60.0	775.8
-4600	450	0.0	-2.0	1.0	-2.0	-8.0	-36.0	-36.0	-58.0	788.1
-4600	475	-1.0	-5.0	-4.0	-14.0	-20.0	-34.0	-45.0	-49.0	791.8
-4600	500	-3.0	-7.0	-9.0	-15.0	-23.0	-29.0	-42.0	-42.0	791.9
-4600	525	-3.0	-7.0	-11.0	-14.0	-22.0	-24.0	-36.0	-39.0	797.1
-4600	550	-4.0	-8.0	-12.0	-14.0	-21.0	-21.0	-32.0	-37.0	860.1
-4600	575	-4.0	-7.0	-11.0	-11.0	-13.0	-18.0	-19.0	-37.0	868.2
-4600	600	-2.0	-3.0	-3.0	-4.0	3.0	-18.0	-3.0	-46.0	986.1
-4600	625	2.0	2.0	8.0	2.0	20.0	-20.0	12.0	-57.0	1354.1
-4600	650	3.0	4.0	11.0	5.0	26.0	-15.0	25.0	-50.0	873.4
-4600	675	4.0	4.0	11.0	3.0	24.0	-16.0	23.0	-50.0	808.4
-4600	700	4.0	3.0	10.0	2.0	20.0	-16.0	17.0	-47.0	761.4
-4600	725	3.0	2.0	7.0	1.0	15.0	-15.0	14.0	-44.0	759.7
-4600	750	3.0	1.0	12.0	-1.0	6.0	-15.0	11.0	-40.0	742.4
-4600	775	2.0	0.0	4.0	-3.0	5.0	-20.0	-2.0	-45.0	749.3
-4600	800	1.0	-1.0	3.0	-4.0	3.0	-20.0	-4.0	-44.0	787.0
-4600	825	1.0	0.0	3.0	-3.0	4.0	-18.0	1.0	-36.0	814.8
-4500	-725	0.0	0.0	1.0	2.0	7.0	6.0	14.0	7.0	765.9
-4500	-700	0.0	0.0	1.0	2.0	6.0	5.0	13.0	5.0	770.0
-4500	-675	0.0	0.0	0.0	2.0	6.0	5.0	12.0	-5.0	799.9
-4500	-650	0.0	0.0	1.0	2.0	7.0	5.0	13.0	-6.0	833.5
-4500	-625	0.0	0.0	1.0	1.0	6.0	1.0	11.0	-2.0	847.2
-4500	-600	0.0	0.0	1.0	1.0	7.0	2.0	12.0	-1.0	807.6
-4500	-575	0.0	1.0	1.0	2.0	7.0	3.0	13.0	1.0	871.5
-4500	-550	0.0	0.0	1.0	2.0	7.0	4.0	14.0	2.0	820.0
-4500	-525	1.0	1.0	1.0	3.0	9.0	9.0	19.0	12.0	847.4
-4500	-500	0.0	1.0	1.0	3.0	9.0	8.0	19.0	10.0	903.9
-4500	-475	0.0	1.0	1.0	3.0	9.0	7.0	18.0	8.0	926.5

-4500	-450	0.0	0.0	1.0	2.0	8.0	2.0	15.0	-1.0	897.9
-4500	-425	0.0	0.0	1.0	1.0	7.0	0.0	11.0	-6.0	989.3
-4500	-400	0.0	0.0	1.0	-1.0	7.0	-2.0	12.0	-8.0	1103.7
-4500	-375	0.0	0.0	1.0	0.0	5.0	-6.0	7.0	-17.0	970.1
-4500	-350	0.0	0.0	1.0	1.0	6.0	-3.0	10.0	-12.0	955.7
-4500	-325	0.0	0.0	1.0	1.0	9.0	1.0	17.0	-7.0	988.7
-4500	-300	0.0	0.0	1.0	3.0	11.0	5.0	25.0	-2.0	1006.1
-4500	-275	1.0	0.0	1.0	3.0	11.0	4.0	25.0	-5.0	1041.7
-4500	-250	1.0	1.0	2.0	3.0	12.0	4.0	27.0	-5.0	1105.9
-4500	-225	1.0	0.0	2.0	2.0	12.0	2.0	25.0	-10.0	1205.8
-4500	-200	1.0	-1.0	2.0	1.0	10.0	-5.0	17.0	-20.0	1184.8
-4500	-175	1.0	-1.0	2.0	0.0	10.0	-5.0	16.0	-21.0	1062.9
-4500	-150	1.0	-1.0	2.0	-1.0	8.0	-10.0	10.0	-30.0	954.3
-4500	-125	1.0	-1.0	1.0	-1.0	8.0	-11.0	9.0	-32.0	864.3
-4500	-100	1.0	-1.0	1.0	-1.0	8.0	-12.0	8.0	-35.0	823.8
-4500	-75	0.0	-1.0	1.0	-1.0	9.0	-12.0	9.0	-35.0	783.0
-4500	-50	0.0	-1.0	1.0	-1.0	10.0	-10.0	13.0	-33.0	756.3
-4500	-25	0.0	0.0	1.0	0.0	10.0	-11.0	12.0	-34.0	744.0
-4500	0	0.0	0.0	2.0	2.0	15.0	-2.0	26.0	-22.0	789.0
-4500	25	0.0	0.0	1.0	3.0	15.0	1.0	30.0	-20.0	881.5
-4500	50	0.0	0.0	2.0	3.0	17.0	2.0	33.0	-20.0	815.0
-4500	75	0.0	0.0	2.0	2.0	15.0	-2.0	29.0	-22.0	1005.6
-4500	100	0.0	-1.0	2.0	-1.0	8.0	-13.0	9.0	-35.0	915.1
-4500	125	0.0	-1.0	1.0	-3.0	4.0	-19.0	2.0	-41.0	825.2
-4500	150	0.0	-1.0	2.0	-4.0	2.0	-20.0	-8.0	-44.0	801.4
-4500	175	0.0	0.0	2.0	-1.0	6.0	-12.0	3.0	-29.0	813.0
-4500	200	0.0	0.0	1.0	0.0	8.0	-8.0	10.0	-20.0	858.4
-4500	225	1.0	1.0	2.0	3.0	12.0	1.0	22.0	-9.0	952.8
-4500	250	1.0	3.0	3.0	9.0	20.0	20.0	45.0	25.0	858.5
-4500	275	1.0	3.0	4.0	10.0	25.0	25.0	53.0	24.0	898.4
-4500	300	1.0	2.0	4.0	8.0	24.0	13.0	45.0	3.0	904.9
-4500	325	1.0	1.0	4.0	4.0	18.0	-1.0	29.0	-20.0	894.8
-4500	350	0.0	0.0	3.0	0.0	11.0	-16.0	5.0	-40.0	837.8
-4500	375	0.0	-1.0	3.0	-3.0	4.0	-27.0	-17.0	-55.0	780.0
-4500	400	0.0	-2.0	3.0	-7.0	-3.0	-36.0	-35.0	-64.0	773.7
-4500	425	0.0	-2.0	3.0	-7.0	-4.0	-35.0	-33.0	-60.0	779.3
-4500	450	0.0	-3.0	1.0	-10.0	-13.0	-37.0	-43.0	-55.0	778.3
-4500	475	0.0	-4.0	-1.0	-14.0	-21.0	-40.0	-53.0	-51.0	786.1
-4500	500	-1.0	-4.0	-3.0	-12.0	-20.0	-37.0	-50.0	-51.0	790.3
-4500	525	-2.0	-5.0	-4.0	-12.0	-17.0	-34.0	-44.0	-51.0	818.4
-4500	550	-2.0	-5.0	-5.0	-11.0	-14.0	-32.0	-38.0	-53.0	875.2
-4500	575	-1.0	-3.0	-2.0	-6.0	-1.0	-24.0	-17.0	-53.0	890.3
-4500	600	0.0	0.0	2.0	1.0	16.0	-16.0	11.0	-52.0	1032.1
-4500	625	1.0	1.0	4.0	4.0	24.0	-9.0	28.0	-45.0	1124.0
-4500	650	2.0	2.0	6.0	4.0	24.0	-10.0	27.0	-45.0	867.3
-4500	675	2.0	3.0	7.0	4.0	25.0	-6.0	33.0	-37.0	785.1
-4500	700	3.0	3.0	7.0	4.0	24.0	-3.0	35.0	-31.0	735.8
-4500	725	2.0	2.0	6.0	2.0	19.0	-8.0	25.0	-33.0	713.6
-4500	750	2.0	-1.0	5.0	0.0	12.0	-13.0	13.0	-36.0	720.8
-4500	775	1.0	-1.0	3.0	-2.0	7.0	-17.0	3.0	-40.0	751.7
-4500	800	1.0	-1.0	3.0	-5.0	1.0	-21.0	-8.0	-43.0	802.7
-4500	825	2.0	-1.0	3.0	-6.0	-1.0	-25.0	-15.0	-45.0	826.4
-4400	-725	0.0	0.0	1.0	2.0	6.0	3.0	8.0	3.0	788.2
-4400	-700	1.0	0.0	1.0	1.0	5.0	2.0	7.0	0.0	789.7
-4400	-675	0.0	0.0	0.0	1.0	4.0	-2.0	3.0	-7.0	812.9
-4400	-650	0.0	0.0	0.0	1.0	4.0	-1.0	5.0	-6.0	853.4
-4400	-625	0.0	0.0	0.0	2.0	5.0	3.0	8.0	1.0	829.7
-4400	-600	1.0	1.0	1.0	3.0	7.0	7.0	13.0	9.0	901.1
-4400	-575	0.0	1.0	1.0	5.0	9.0	15.0	19.0	26.0	828.3
-4400	-550	0.0	1.0	1.0	5.0	9.0	14.0	19.0	25.0	889.7

-4400	-525	1.0	1.0	2.0	4.0	9.0	11.0	18.0	16.0	908.8
-4400	-500	0.0	0.0	1.0	1.0	7.0	2.0	11.0	-2.0	881.8
-4400	-475	0.0	-1.0	1.0	0.0	5.0	-6.0	3.0	-15.0	970.1
-4400	-450	1.0	-2.0	1.0	-2.0	2.0	-12.0	-4.0	-24.0	1130.0
-4400	-425	0.0	-2.0	0.0	-4.0	1.0	-18.0	-12.0	-33.0	1015.0
-4400	-400	0.0	-2.0	1.0	-3.0	1.0	-14.0	-7.0	-29.0	907.5
-4400	-375	0.0	-1.0	1.0	-1.0	5.0	-7.0	4.0	-19.0	964.1
-4400	-350	0.0	0.0	1.0	1.0	8.0	1.0	12.0	-11.0	917.1
-4400	-325	0.0	0.0	1.0	4.0	12.0	9.0	25.0	4.0	999.8
-4400	-300	0.0	1.0	1.0	4.0	14.0	10.0	30.0	4.0	1059.1
-4400	-275	0.0	1.0	1.0	6.0	16.0	14.0	35.0	9.0	1072.9
-4400	-250	1.0	1.0	2.0	3.0	14.0	8.0	28.0	-6.0	1237.5
-4400	-225	0.0	0.0	1.0	0.0	9.0	-5.0	14.0	-23.0	1162.3
-4400	-200	1.0	-1.0	1.0	-3.0	5.0	-15.0	0.0	-37.0	1114.0
-4400	-175	0.0	-1.0	0.0	-4.0	1.0	-21.0	-13.0	-47.0	1229.2
-4400	-150	-1.0	-2.0	0.0	-4.0	1.0	-20.0	-11.0	-45.0	981.3
-4400	-125	-1.0	-2.0	0.0	-4.0	1.0	-21.0	-13.0	-47.0	844.6
-4400	-100	0.0	-2.0	0.0	-4.0	2.0	-21.0	-11.0	-49.0	803.9
-4400	-75	0.0	-2.0	1.0	-4.0	4.0	-20.0	-10.0	-50.0	758.6
-4400	-50	0.0	-1.0	1.0	-2.0	7.0	-18.0	-1.0	-47.0	735.1
-4400	-25	0.0	-1.0	1.0	-2.0	8.0	-18.0	-2.0	-47.0	753.0
-4400	0	0.0	-1.0	1.0	0.0	11.0	-13.0	9.0	-44.0	811.5
-4400	25	0.0	-1.0	2.0	0.0	13.0	-10.0	14.0	-39.0	822.1
-4400	50	0.0	-1.0	1.0	-1.0	10.0	-11.0	13.0	-39.0	889.5
-4400	75	0.0	-1.0	1.0	-1.0	8.0	-14.0	4.0	-40.0	910.7
-4400	100	0.0	-1.0	1.0	-3.0	4.0	-20.0	-7.0	-45.0	926.5
-4400	125	0.0	-2.0	1.0	-4.0	3.0	-20.0	-10.0	-46.0	908.6
-4400	150	0.0	-1.0	1.0	-2.0	5.0	-16.0	-4.0	-38.0	851.6
-4400	175	0.0	0.0	2.0	0.0	9.0	-10.0	5.0	-30.0	853.8
-4400	200	0.0	0.0	2.0	3.0	15.0	0.0	21.0	-18.0	867.2
-4400	225	1.0	1.0	3.0	6.0	18.0	9.0	33.0	-2.0	781.3
-4400	250	1.0	3.0	4.0	10.0	25.0	20.0	45.0	15.0	793.5
-4400	275	1.0	3.0	4.0	10.0	24.0	20.0	44.0	15.0	782.8
-4400	300	1.0	2.0	4.0	6.0	18.0	2.0	27.0	-15.0	677.5
-4400	325	0.0	2.0	4.0	5.0	17.0	-2.0	21.0	-20.0	732.1
-4400	350	0.0	2.0	5.0	3.0	16.0	-10.0	13.0	-32.0	823.3
-4400	375	1.0	2.0	6.0	1.0	13.0	-20.0	2.0	-47.0	789.6
-4400	400	0.0	1.0	4.0	-1.0	8.0	-22.0	-10.0	-51.0	802.7
-4400	425	-2.0	-4.0	-5.0	-10.0	-10.0	-21.0	-25.0	-40.0	802.9
-4400	450	-6.0	-9.0	-16.0	-12.0	-25.0	-18.0	-36.0	-26.0	809.7
-4400	475	-8.0	-12.0	-20.0	-16.0	-33.0	-21.0	-50.0	-29.0	804.8
-4400	500	-9.0	-12.0	-21.0	-15.0	-34.0	-20.0	-49.0	-26.0	794.0
-4400	525	-8.0	-11.0	-19.0	-13.0	-28.0	-20.0	-41.0	-26.0	896.2
-4400	550	-5.0	-8.0	-11.0	-10.0	-15.0	-22.0	-32.0	-39.0	962.0
-4400	575	-2.0	-1.0	6.0	-3.0	10.0	-21.0	-8.0	-54.0	1085.6
-4400	600	6.0	5.0	14.0	2.0	24.0	-17.0	15.0	-50.0	1273.3
-4400	625	6.0	6.0	13.0	5.0	26.0	-8.0	30.0	-36.0	869.5
-4400	650	4.0	4.0	10.0	4.0	25.0	-5.0	31.0	-38.0	760.7
-4400	675	3.0	3.0	8.0	4.0	22.0	-2.0	30.0	-30.0	715.5
-4400	700	3.0	3.0	7.0	5.0	20.0	2.0	35.0	-19.0	705.8
-4400	725	2.0	2.0	5.0	3.0	18.0	0.0	29.0	-19.0	710.3
-4400	750	2.0	1.0	4.0	1.0	12.0	-7.0	15.0	-27.0	751.9
-4400	775	1.0	0.0	3.0	-1.0	8.0	-10.0	8.0	-29.0	800.4
-4400	800	1.0	0.0	2.0	-1.0	6.0	-10.0	5.0	-25.0	810.8
-4400	825	1.0	-1.0	2.0	-3.0	2.0	-17.0	-6.0	-34.0	806.2
-4300	-725	0.0	0.0	0.0	1.0	5.0	-1.0	8.0	-5.0	808.2
-4300	-700	0.0	0.0	1.0	0.0	4.0	-4.0	5.0	-12.0	824.4
-4300	-675	0.0	0.0	1.0	1.0	5.0	0.0	8.0	-4.0	835.0
-4300	-650	0.0	0.0	1.0	2.0	6.0	2.0	11.0	0.0	834.4
-4300	-625	0.0	0.0	1.0	2.0	8.0	5.0	15.0	2.0	857.5

-4300	-600	0.0	1.0	1.0	2.0	9.0	5.0	18.0	2.0	879.1
-4300	-575	-1.0	0.0	0.0	2.0	7.0	2.0	14.0	-4.0	950.4
-4300	-550	0.0	0.0	0.0	-1.0	7.0	-1.0	12.0	-10.0	907.7
-4300	-525	0.0	-1.0	0.0	-2.0	5.0	-10.0	4.0	-24.0	879.3
-4300	-500	0.0	-1.0	0.0	-3.0	2.0	-14.0	-5.0	-32.0	950.6
-4300	-475	0.0	-2.0	0.0	-5.0	-2.0	-21.0	-15.0	-40.0	1154.3
-4300	-450	0.0	-2.0	0.0	-4.0	0.0	-18.0	-9.0	-34.0	931.7
-4300	-425	0.0	-1.0	0.0	-2.0	3.0	-11.0	2.0	-25.0	874.7
-4300	-400	0.0	0.0	1.0	0.0	8.0	-4.0	14.0	-18.0	869.0
-4300	-375	0.0	0.0	1.0	1.0	10.0	0.0	19.0	-13.0	866.8
-4300	-350	0.0	1.0	1.0	4.0	13.0	10.0	30.0	2.0	911.5
-4300	-325	0.0	1.0	1.0	5.0	15.0	13.0	40.0	7.0	1043.3
-4300	-300	0.0	2.0	1.0	7.0	17.0	19.0	44.0	18.0	1114.9
-4300	-275	0.0	1.0	1.0	7.0	17.0	18.0	39.0	14.0	1234.3
-4300	-250	0.0	0.0	1.0	2.0	10.0	1.0	20.0	-12.0	1265.8
-4300	-225	0.0	-1.0	1.0	0.0	8.0	-5.0	12.0	-20.0	1196.6
-4300	-200	1.0	-1.0	1.0	-3.0	5.0	-15.0	6.0	-34.0	1095.2
-4300	-175	0.0	-1.0	1.0	-2.0	5.0	-12.0	4.0	-30.0	995.5
-4300	-150	0.0	-1.0	1.0	-2.0	5.0	-14.0	1.0	-33.0	943.1
-4300	-125	0.0	-1.0	1.0	-2.0	6.0	-14.0	2.0	-34.0	897.7
-4300	-100	-1.0	0.0	0.0	0.0	9.0	-9.0	10.0	-30.0	839.4
-4300	-75	-1.0	0.0	1.0	0.0	11.0	-10.0	11.0	-33.0	793.6
-4300	-50	-1.0	0.0	1.0	1.0	13.0	-8.0	16.0	-33.0	764.8
-4300	-25	0.0	1.0	2.0	3.0	18.0	-3.0	28.0	-30.0	869.7
-4300	0	0.0	1.0	3.0	6.0	25.0	3.0	40.0	-27.0	848.2
-4300	25	0.0	0.0	2.0	2.0	18.0	-8.0	20.0	-40.0	829.0
-4300	50	0.0	-1.0	1.0	-3.0	2.0	-22.0	-15.0	-48.0	813.0
-4300	75	0.0	-2.0	-1.0	-9.0	-8.0	-29.0	-33.0	-47.0	830.0
-4300	100	-1.0	-3.0	-2.0	-10.0	-14.0	-30.0	-39.0	-44.0	831.4
-4300	125	-1.0	-3.0	-2.0	-11.0	-15.0	-30.0	-38.0	-41.0	828.8
-4300	150	-1.0	-3.0	-2.0	-10.0	-13.0	-26.0	-34.0	-36.0	882.3
-4300	175	-1.0	1.0	-1.0	-3.0	0.0	-11.0	-4.0	-22.0	881.2
-4300	200	0.0	1.0	2.0	5.0	16.0	2.0	24.0	-13.0	922.4
-4300	225	1.0	2.0	4.0	7.0	20.0	7.0	34.0	-6.0	907.5
-4300	250	1.0	2.0	5.0	8.0	20.0	7.0	33.0	-6.0	772.8
-4300	275	1.0	2.0	5.0	7.0	20.0	5.0	30.0	-7.0	777.2
-4300	300	1.0	2.0	6.0	6.0	19.0	-3.0	23.0	-20.0	780.4
-4300	325	1.0	2.0	6.0	4.0	19.0	-9.0	16.0	-30.0	796.1
-4300	350	1.0	2.0	7.0	4.0	19.0	-12.0	13.0	-36.0	781.5
-4300	375	0.0	2.0	5.0	3.0	16.0	-14.0	8.0	-38.0	763.7
-4300	400	-2.0	-4.0	-5.0	-8.0	-10.0	-17.0	-20.0	-29.0	765.1
-4300	425	-5.0	-10.0	-16.0	-16.0	-29.0	-16.0	-38.0	-19.0	782.8
-4300	450	-7.0	-12.0	-21.0	-18.0	-36.0	-15.0	-43.0	-15.0	787.8
-4300	475	-8.0	-13.0	-23.0	-17.0	-36.0	-14.0	-44.0	-14.0	786.6
-4300	500	-8.0	-13.0	-24.0	-17.0	-35.0	-15.0	-40.0	-18.0	807.6
-4300	525	-5.0	-8.0	-13.0	-11.0	-18.0	-16.0	-25.0	-26.0	818.0
-4300	550	2.0	1.0	7.0	-2.0	9.0	-21.0	4.0	-48.0	818.0
-4300	575	6.0	6.0	15.0	0.0	18.0	-25.0	1.0	-57.0	821.8
-4300	600	6.0	5.0	14.0	0.0	17.0	-24.0	-1.0	-56.0	807.5
-4300	625	5.0	4.0	11.0	0.0	16.0	-20.0	5.0	-50.0	800.9
-4300	650	3.0	2.0	8.0	0.0	13.0	-18.0	5.0	-45.0	752.9
-4300	675	2.0	2.0	6.0	1.0	13.0	-13.0	9.0	-38.0	728.1
-4300	700	2.0	2.0	5.0	1.0	12.0	-11.0	12.0	-34.0	737.0
-4300	725	1.0	2.0	4.0	2.0	13.0	4.0	20.0	-25.0	745.1
-4300	750	1.0	2.0	3.0	2.0	13.0	0.0	24.0	-18.0	805.2
-4300	775	1.0	0.0	3.0	-1.0	8.0	-10.0	-8.0	-27.0	779.6
-4300	800	1.0	0.0	2.0	-2.0	4.0	-13.0	0.0	-31.0	763.0
-4300	825	1.0	0.0	2.0	-1.0	6.0	-8.0	7.0	-21.0	789.3
-4200	-725	0.0	0.0	0.0	0.0	6.0	-4.0	14.0	-5.0	841.0
-4200	-700	-1.0	0.0	0.0	1.0	4.0	-2.0	11.0	-10.0	812.1

-4300	-600	0.0	1.0	1.0	2.0	9.0	5.0	18.0	2.0	879.1
4300	-575	-1.0	0.0	0.0	2.0	7.0	2.0	14.0	-4.0	950.4
800	-550	0.0	0.0	0.0	-1.0	7.0	-1.0	12.0	-10.0	907.7
-4300	-525	0.0	-1.0	0.0	-2.0	5.0	-10.0	4.0	-24.0	879.3
-4300	-500	0.0	-1.0	0.0	-3.0	2.0	-14.0	-5.0	-32.0	950.6
-4300	-475	0.0	-2.0	0.0	-5.0	-2.0	-21.0	-15.0	-40.0	1154.3
-4300	-450	0.0	-2.0	0.0	-4.0	0.0	-18.0	-9.0	-34.0	931.7
-4300	-425	0.0	-1.0	0.0	-2.0	3.0	-11.0	2.0	-25.0	874.7
-4300	-400	0.0	0.0	1.0	0.0	8.0	-4.0	14.0	-18.0	869.0
-4300	-375	0.0	0.0	1.0	1.0	10.0	0.0	19.0	-13.0	866.8
-4300	-350	0.0	1.0	1.0	4.0	13.0	10.0	30.0	2.0	911.5
-4300	-325	0.0	1.0	1.0	5.0	15.0	13.0	40.0	7.0	1043.3
-4300	-300	0.0	2.0	1.0	7.0	17.0	19.0	44.0	18.0	1114.9
-4300	-275	0.0	1.0	1.0	7.0	17.0	18.0	39.0	14.0	1234.3
-4300	-250	0.0	0.0	1.0	2.0	10.0	1.0	20.0	-12.0	1265.8
-4300	-225	0.0	-1.0	1.0	0.0	8.0	-5.0	12.0	-20.0	1196.6
-4300	-200	1.0	-1.0	1.0	-3.0	5.0	-15.0	6.0	-34.0	1095.2
-4300	-175	0.0	-1.0	1.0	-2.0	5.0	-12.0	4.0	-30.0	995.5
-4300	-150	0.0	-1.0	1.0	-2.0	5.0	-14.0	1.0	-33.0	943.1
-4300	-125	0.0	-1.0	1.0	-2.0	6.0	-14.0	2.0	-34.0	897.7
-4300	-100	-1.0	0.0	0.0	0.0	9.0	-9.0	10.0	-30.0	839.4
-4300	-75	-1.0	0.0	1.0	0.0	11.0	-10.0	11.0	-33.0	793.6
-4300	-50	-1.0	0.0	1.0	1.0	13.0	-8.0	16.0	-33.0	764.8
-4300	-25	0.0	1.0	2.0	3.0	18.0	-3.0	28.0	-30.0	869.7
-4300	0	0.0	1.0	3.0	6.0	25.0	3.0	40.0	-27.0	848.2
-4300	25	0.0	0.0	2.0	2.0	18.0	-8.0	20.0	-40.0	829.0
-4300	50	0.0	-1.0	1.0	-3.0	2.0	-22.0	-15.0	-48.0	813.0
-4300	75	0.0	-2.0	-1.0	-9.0	-8.0	-29.0	-33.0	-47.0	830.0
-4300	100	-1.0	-3.0	-2.0	-10.0	-14.0	-30.0	-39.0	-44.0	831.4
-4300	125	-1.0	-3.0	-2.0	-11.0	-15.0	-30.0	-38.0	-41.0	828.8
-4300	150	-1.0	-3.0	-2.0	-10.0	-13.0	-26.0	-34.0	-36.0	882.3
-4300	175	-1.0	1.0	-1.0	-3.0	0.0	-11.0	-4.0	-22.0	881.2
-4300	200	0.0	1.0	2.0	5.0	16.0	2.0	24.0	-13.0	922.4
-4300	225	1.0	2.0	4.0	7.0	20.0	7.0	34.0	-6.0	907.5
-4300	250	1.0	2.0	5.0	8.0	20.0	7.0	33.0	-6.0	772.8
-4300	275	1.0	2.0	5.0	7.0	20.0	5.0	30.0	-7.0	777.2
-4300	300	1.0	2.0	6.0	6.0	19.0	-3.0	23.0	-20.0	780.4
-4300	325	1.0	2.0	6.0	4.0	19.0	-9.0	16.0	-30.0	796.1
-4300	350	1.0	2.0	7.0	4.0	19.0	-12.0	13.0	-36.0	781.5
-4300	375	0.0	2.0	5.0	3.0	16.0	-14.0	8.0	-38.0	763.7
-4300	400	-2.0	-4.0	-5.0	-8.0	-10.0	-17.0	-20.0	-29.0	765.1
-4300	425	-5.0	-10.0	-16.0	-16.0	-29.0	-16.0	-38.0	-19.0	782.8
-4300	450	-7.0	-12.0	-21.0	-18.0	-36.0	-15.0	-43.0	-15.0	787.8
-4300	475	-8.0	-13.0	-23.0	-17.0	-36.0	-14.0	-44.0	-14.0	786.6
-4300	500	-8.0	-13.0	-24.0	-17.0	-35.0	-15.0	-40.0	-18.0	807.6
-4300	525	-5.0	-8.0	-13.0	-11.0	-18.0	-16.0	-25.0	-26.0	818.0
-4300	550	2.0	1.0	7.0	-2.0	9.0	-21.0	4.0	-48.0	818.0
-4300	575	6.0	6.0	15.0	0.0	18.0	-25.0	1.0	-57.0	821.8
-4300	600	6.0	5.0	14.0	0.0	17.0	-24.0	-1.0	-56.0	807.5
-4300	625	5.0	4.0	11.0	0.0	16.0	-20.0	5.0	-50.0	800.9
-4300	650	3.0	2.0	8.0	0.0	13.0	-18.0	5.0	-45.0	752.9
-4300	675	2.0	2.0	6.0	1.0	13.0	-13.0	9.0	-38.0	728.1
-4300	700	2.0	2.0	5.0	1.0	12.0	-11.0	12.0	-34.0	737.0
-4300	725	1.0	2.0	4.0	2.0	13.0	4.0	20.0	-25.0	745.1
-4300	750	1.0	2.0	3.0	2.0	13.0	0.0	24.0	-18.0	805.2
-4300	775	1.0	0.0	3.0	-1.0	8.0	-10.0	-8.0	-27.0	779.6
-4300	800	1.0	0.0	2.0	-2.0	4.0	-13.0	0.0	-31.0	763.0
-4300	825	1.0	0.0	2.0	-1.0	6.0	-8.0	7.0	-21.0	789.3
-4200	-725	0.0	0.0	0.0	0.0	6.0	-4.0	14.0	-5.0	841.0
-4200	-700	-1.0	0.0	0.0	1.0	4.0	-2.0	11.0	-10.0	812.1

-4200	-675	0.0	0.0	0.0	2.0	8.0	1.0	14.0	-5.0	811.5
-4200	-650	0.0	0.0	0.0	2.0	8.0	1.0	17.0	-9.0	872.9
-4200	-625	-1.0	1.0	0.0	7.0	15.0	18.0	35.0	-23.0	777.2
-4200	-600	-1.0	2.0	1.0	7.0	16.0	19.0	41.0	-22.0	854.9
-4200	-575	-1.0	1.0	0.0	3.0	12.0	6.0	28.0	-2.0	865.7
-4200	-550	-1.0	-1.0	0.0	-3.0	5.0	-11.0	6.0	-26.0	941.0
-4200	-525	-1.0	-2.0	0.0	-4.0	0.0	-20.0	-10.0	-41.0	947.4
-4200	-500	-1.0	-2.0	-1.0	-6.0	-4.0	-25.0	-20.0	-47.0	935.8
-4200	-475	-1.0	-3.0	-1.0	-11.0	-13.0	-38.0	-45.0	-60.0	905.4
-4200	-450	-1.0	-3.0	-1.0	-8.0	-8.0	-32.0	-31.0	-56.0	891.1
-4200	-425	-1.0	-2.0	0.0	-2.0	-2.0	-25.0	-16.0	-52.0	856.1
-4200	-400	-1.0	-2.0	0.0	-4.0	2.0	-21.0	-9.0	-49.0	839.4
-4200	-375	-1.0	-2.0	0.0	-4.0	3.0	-20.0	-6.0	-47.0	882.0
-4200	-350	0.0	-1.0	0.0	-3.0	5.0	-18.0	0.0	-45.0	930.5
-4200	-325	-1.0	1.0	0.0	-3.0	6.0	-15.0	4.0	-40.0	972.8
-4200	-300	-1.0	-1.0	0.0	-1.0	7.0	-13.0	7.0	-37.0	1136.5
-4200	-275	-1.0	-1.0	0.0	-1.0	8.0	-12.0	9.0	-34.0	1429.1
-4200	-250	0.0	-1.0	1.0	0.0	10.0	-8.0	15.0	-27.0	1227.3
-4200	-225	0.0	0.0	1.0	1.0	10.0	-6.0	16.0	-24.0	1079.8
-4200	-200	0.0	0.0	1.0	1.0	11.0	-3.0	23.0	-20.0	1098.5
-4200	-175	0.0	1.0	1.0	3.0	13.0	-2.0	28.0	-14.0	1055.4
-4200	-150	-1.0	0.0	1.0	1.0	12.0	-3.0	23.0	-20.0	1039.8
-4200	-125	0.0	0.0	2.0	2.0	13.0	-3.0	24.0	-20.0	936.5
-4200	-100	0.0	0.0	2.0	0.0	10.0	-10.0	12.0	-32.0	956.2
-4200	-75	0.0	0.0	2.0	-1.0	9.0	-15.0	5.0	-40.0	982.2
-4200	-50	0.0	0.0	2.0	-2.0	7.0	-20.0	-2.0	-49.0	977.3
-4200	-25	0.0	0.0	3.0	-1.0	15.0	-18.0	7.0	-51.0	1013.5
-4200	0	0.0	2.0	5.0	6.0	22.0	-6.0	33.0	-40.0	894.5
-4200	25	0.0	-2.0	0.0	-6.0	-2.0	-25.0	-17.0	-48.0	854.6
-4200	50	-1.0	-6.0	-7.0	-17.0	-29.0	-33.0	-49.0	-38.0	910.8
-4200	75	-2.0	-7.0	-9.0	-19.0	-35.0	-30.0	-55.0	-32.0	920.1
-4200	100	-3.0	-7.0	-11.0	-20.0	-37.0	-27.0	-54.0	-26.0	682.6
-4200	125	-3.0	-8.0	-13.0	-20.0	-39.0	-25.0	-54.0	-23.0	852.5
-4200	150	-3.0	-8.0	-12.0	-18.0	-34.0	-21.0	-45.0	-21.0	838.2
-4200	175	0.0	1.0	4.0	4.0	12.0	-2.0	16.0	-9.0	798.2
-4200	200	2.0	5.0	10.0	13.0	30.0	9.0	45.0	-1.0	820.6
-4200	225	2.0	4.0	9.0	10.0	28.0	4.0	44.0	-11.0	763.5
-4200	250	2.0	3.0	8.0	7.0	24.0	-4.0	29.0	-20.0	766.4
-4200	275	2.0	3.0	7.0	6.0	20.0	-6.0	23.0	-25.0	757.7
-4200	300	1.0	3.0	7.0	6.0	20.0	-6.0	22.0	-25.0	758.4
-4200	325	2.0	2.0	8.0	5.0	20.0	-13.0	15.0	-37.0	757.1
-4200	350	1.0	2.0	7.0	3.0	18.0	-15.0	12.0	-41.0	756.7
-4200	375	0.0	-1.0	2.0	-3.0	2.0	-18.0	-6.0	-35.0	751.5
-4200	400	-1.0	-4.0	-6.0	-11.0	-5.0	-20.0	-26.0	-27.0	743.3
-4200	425	-2.0	-7.0	-11.0	-15.0	-26.0	-20.0	-35.0	-22.0	744.3
-4200	450	-4.0	-9.0	-15.0	-18.0	-33.0	-21.0	-42.0	-25.0	761.6
-4200	475	-4.0	-9.0	-15.0	-17.0	-30.0	-20.0	-39.0	-26.0	823.0
-4200	500	-3.0	-6.0	-11.0	-13.0	-20.0	-21.0	-30.0	-36.0	818.8
-4200	525	-1.0	0.0	2.0	-1.0	9.0	-20.0	1.0	-47.0	862.3
-4200	550	2.0	3.0	11.0	4.0	23.0	-20.0	13.0	-54.0	833.8
-4200	575	3.0	4.0	12.0	3.0	23.0	-20.0	10.0	-55.0	813.0
-4200	600	2.0	3.0	9.0	2.0	19.0	-17.0	15.0	-46.0	793.7
-4200	625	2.0	3.0	8.0	4.0	23.0	-7.0	30.0	-34.0	791.7
-4200	650	2.0	3.0	7.0	5.0	23.0	-2.0	35.0	-24.0	767.7
-4200	675	2.0	2.0	5.0	3.0	19.0	-2.0	30.0	-25.0	774.7
-4200	700	2.0	2.0	4.0	2.0	14.0	-6.0	24.0	-26.0	819.8
-4200	725	1.0	1.0	3.0	1.0	11.0	-7.0	17.0	-25.0	821.4
-4200	750	1.0	1.0	2.0	-1.0	8.0	-11.0	11.0	-30.0	834.6
-4200	775	0.0	-1.0	2.0	-3.0	4.0	-17.0	0.0	-37.0	792.2
-4200	800	0.0	0.0	2.0	-2.0	5.0	-14.0	5.0	-30.0	753.0

-4200	825	0.0	-1.0	1.0	-2.0	4.0	-13.0	5.0	-28.0	739.0
-4100	-725	-1.0	-1.0	0.0	0.0	8.0	-9.0	10.0	-30.0	813.5
-4100	-700	-1.0	-1.0	0.0	0.0	8.0	-9.0	10.0	-31.0	794.8
-4100	-675	-1.0	0.0	0.0	1.0	11.0	-6.0	17.0	-27.0	872.2
-4100	-650	-1.0	0.0	1.0	3.0	14.0	3.0	31.0	-16.0	876.8
-4100	-625	-1.0	0.0	0.0	1.0	10.0	-3.0	19.0	-21.0	781.3
-4100	-600	-1.0	0.0	0.0	1.0	8.0	-7.0	15.0	-27.0	902.1
-4100	-575	-1.0	-1.0	0.0	-1.0	6.0	-11.0	9.0	-30.0	937.4
-4100	-550	0.0	-2.0	-1.0	-4.0	0.0	-19.0	-6.0	-40.0	936.2
-4100	-525	-1.0	-2.0	-1.0	-6.0	-6.0	-23.0	-24.0	-50.0	969.4
-4100	-500	0.0	-3.0	-1.0	-8.0	-7.0	-30.0	-27.0	-51.0	971.3
-4100	-475	0.0	-2.0	0.0	-4.0	-1.0	-21.0	-9.0	-47.0	928.2
-4100	-450	0.0	-1.0	1.0	-4.0	4.0	-20.0	-2.0	-47.0	901.8
-4100	-425	0.0	-1.0	1.0	-2.0	7.0	-17.0	3.0	-45.0	857.9
-4100	-400	0.0	-1.0	1.0	-1.0	8.0	-15.0	6.0	-43.0	849.9
-4100	-375	0.0	-1.0	1.0	-1.0	9.0	-12.0	9.0	-37.0	865.9
-4100	-350	0.0	0.0	1.0	0.0	11.0	-9.0	14.0	-12.0	944.8
-4100	-325	0.0	0.0	2.0	2.0	12.0	-5.0	21.0	-25.0	1002.4
-4100	-300	0.0	0.0	1.0	2.0	12.0	-2.0	20.0	-20.0	1015.2
-4100	-275	0.0	0.0	1.0	1.0	10.0	-7.0	15.0	-22.0	1102.5
-4100	-250	1.0	0.0	2.0	2.0	13.0	1.0	24.0	-12.0	1242.0
-4100	-225	0.0	1.0	2.0	3.0	13.0	3.0	25.0	-7.0	1103.4
-4100	-200	0.0	1.0	1.0	4.0	12.0	4.0	25.0	-4.0	1169.7
-4100	-175	0.0	1.0	1.0	4.0	12.0	3.0	23.0	-6.0	1210.4
-4100	-150	-1.0	1.0	1.0	5.0	14.0	13.0	27.0	2.0	984.1
-4100	-125	0.0	1.0	2.0	5.0	16.0	7.0	29.0	-3.0	886.7
-4100	-100	1.0	1.0	3.0	4.0	15.0	0.0	25.0	-14.0	871.7
-4100	-75	1.0	1.0	3.0	5.0	18.0	3.0	29.0	-12.0	918.4
-4100	-50	2.0	2.0	4.0	7.0	20.0	6.0	35.0	-9.0	1000.0
-4100	-25	2.0	3.0	5.0	9.0	28.0	13.0	50.0	-2.0	912.6
-4100	0	2.0	3.0	6.0	10.0	30.0	14.0	55.0	-4.0	825.0
-4100	25	1.0	0.0	3.0	-1.0	8.0	-19.0	-5.0	-40.0	808.7
-4100	50	-2.0	-4.0	-4.0	-9.0	-13.0	-25.0	-33.0	-37.0	783.6
-4100	75	-7.0	-8.0	-14.0	-15.0	-30.0	-24.0	-47.0	-27.0	720.0
-4100	100	-11.0	-9.0	-20.0	-16.0	-37.0	-21.0	-50.0	-23.0	827.8
-4100	125	-13.0	-10.0	-22.0	-16.0	-39.0	-20.0	-52.0	-47.0	893.4
-4100	150	-10.0	-7.0	-17.0	-12.0	-28.0	-17.0	-36.0	-20.0	981.5
-4100	175	-5.0	-1.0	-5.0	1.0	2.0	3.0	12.0	4.0	937.8
-4100	200	0.0	2.0	4.0	6.0	17.0	12.0	32.0	-2.0	788.7
-4100	225	4.0	4.0	9.0	6.0	25.0	0.0	35.0	-16.0	767.5
-4100	250	5.0	4.0	11.0	4.0	24.0	-11.0	24.0	-31.0	770.2
-4100	275	4.0	3.0	10.0	3.0	19.0	-16.0	13.0	-39.0	772.3
-4100	300	3.0	2.0	9.0	1.0	15.0	-20.0	3.0	-42.0	772.2
-4100	325	3.0	2.0	8.0	-1.0	10.0	-27.0	-10.0	-56.0	766.8
-4100	350	2.0	0.0	6.0	-3.0	4.0	-32.0	-20.0	-60.0	777.9
-4100	375	0.0	-2.0	0.0	-10.0	-11.0	-33.0	-35.0	-51.0	781.4
-4100	400	-1.0	-5.0	-6.0	-15.0	-21.0	-31.0	-45.0	-45.0	780.9
-4100	425	-2.0	-6.0	-10.0	-16.0	-25.0	-30.0	-48.0	-41.0	759.3
-4100	450	-2.0	-4.0	-10.0	-15.0	-24.0	-27.0	-42.0	-39.0	747.0
-4100	475	-2.0	-6.0	-9.0	-13.0	-20.0	-23.0	-35.0	-37.0	800.2
-4100	500	-1.0	-4.0	-4.0	-8.0	-8.0	-20.0	-16.0	-37.0	809.6
-4100	525	0.0	2.0	5.0	3.0	18.0	-12.0	19.0	-42.0	756.9
-4100	550	2.0	4.0	10.0	6.0	27.0	-11.0	27.0	-45.0	773.9
-4100	575	1.0	4.0	10.0	6.0	25.0	-11.0	30.0	-40.0	798.2
-4100	600	2.0	3.0	8.0	5.0	24.0	-10.0	25.0	-40.0	790.6
-4100	625	1.0	3.0	7.0	3.0	19.0	-12.0	21.0	-38.0	788.4
-4100	650	2.0	2.0	6.0	2.0	17.0	-10.0	21.0	-35.0	797.6
-4100	675	1.0	2.0	4.0	1.0	13.0	-11.0	16.0	-35.0	770.0
-4100	700	0.0	1.0	3.0	1.0	12.0	-9.0	18.0	-30.0	776.3
-4100	725	0.0	0.0	2.0	0.0	10.0	-10.0	14.0	-29.0	784.9

-4100	750	0.0	0.0	2.0	-2.0	5.0	-13.0	2.0	-34.0	780.3
-4100	775	0.0	0.0	2.0	-2.0	5.0	-13.0	4.0	-30.0	763.3
-4100	800	0.0	-1.0	2.0	-3.0	3.0	-16.0	-1.0	-32.0	743.0
-4100	825	0.0	-1.0	1.0	-3.0	2.0	-15.0	-2.0	-30.0	731.0
-4000	-725	-1.0	-2.0	0.0	-5.0	0.0	-26.0	21.0	-65.0	842.2
-4000	-700	-1.0	-2.0	-1.0	-6.0	-3.0	-29.0	-25.0	-65.0	781.2
-4000	-675	-1.0	-2.0	0.0	-5.0	1.0	-25.0	-20.0	-64.0	780.6
-4000	-650	-1.0	-2.0	0.0	-5.0	0.0	-25.0	-19.0	-60.0	810.0
-4000	-625	-1.0	-2.0	0.0	-6.0	-1.0	-23.0	-21.0	-60.0	850.0
-4000	-600	-1.0	-2.0	0.0	-5.0	-1.0	-25.0	-20.0	-59.0	911.6
-4000	-575	-1.0	-1.0	0.0	-3.0	2.0	-24.0	-13.0	-56.0	976.4
-4000	-550	-2.0	0.0	0.0	-2.0	8.0	-18.0	-2.0	-53.0	1014.2
-4000	-525	-1.0	0.0	1.0	1.0	12.0	-11.0	11.0	-44.0	1021.6
-4000	-500	-1.0	0.0	1.0	3.0	16.0	-3.0	24.0	-36.0	979.9
-4000	-475	0.0	1.0	1.0	4.0	17.0	1.0	30.0	-29.0	900.8
-4000	-450	0.0	1.0	1.0	5.0	17.0	3.0	35.0	-26.0	865.7
-4000	-425	-1.0	0.0	1.0	4.0	13.0	0.0	26.0	-25.0	869.5
-4000	-400	-1.0	0.0	1.0	2.0	13.0	-1.0	21.0	-25.0	857.4
-4000	-375	-1.0	0.0	1.0	2.0	10.0	-3.0	15.0	-25.0	840.8
-4000	-350	-1.0	0.0	1.0	2.0	9.0	-2.0	15.0	-21.0	914.5
-4000	-325	-1.0	0.0	1.0	2.0	10.0	-2.0	18.0	-19.0	1027.5
-4000	-300	-1.0	0.0	1.0	3.0	10.0	1.0	20.0	-14.0	985.3
-4000	-275	-1.0	0.0	0.0	3.0	10.0	3.0	21.0	-9.0	1035.3
-4000	-250	0.0	1.0	1.0	3.0	9.0	3.0	20.0	-11.0	1209.0
-4000	-225	-1.0	1.0	1.0	3.0	9.0	1.0	17.0	-12.0	1077.3
-4000	-200	-1.0	0.0	1.0	3.0	9.0	-2.0	15.0	-16.0	1053.3
-4000	-175	-1.0	0.0	1.0	2.0	9.0	-2.0	14.0	-19.0	1039.0
-4000	-150	-1.0	0.0	1.0	3.0	9.0	-1.0	16.0	-15.0	1029.3
-4000	-125	-2.0	1.0	-2.0	3.0	11.0	0.0	16.0	-17.0	876.6
-4000	-100	-1.0	0.0	-2.0	3.0	13.0	0.0	21.0	-15.0	792.8
-4000	-75	0.0	2.0	3.0	6.0	15.0	6.0	29.0	-10.0	826.6
-4000	-50	0.0	2.0	4.0	9.0	21.0	12.0	41.0	-6.0	964.8
-4000	-25	0.0	3.0	6.0	13.0	30.0	24.0	60.0	4.0	926.2
-4000	0	0.0	1.0	5.0	5.0	18.0	-4.0	-22.0	-26.0	850.8
-4000	25	-3.0	-6.0	-10.0	-11.0	-20.0	-21.0	-35.0	-31.0	837.8
-4000	50	-14.0	-13.0	-25.0	-14.0	-36.0	-18.0	-50.0	-21.0	1092.9
-4000	75	-24.0	-14.0	-34.0	-14.0	-44.0	-15.0	-56.0	-18.0	844.2
-4000	100	-25.0	-14.0	-36.0	-14.0	-46.0	-16.0	-60.0	-17.0	617.5
-4000	125	-25.0	-14.0	-35.0	-15.0	-45.0	-19.0	-61.0	-21.0	817.8
-4000	150	-16.0	-6.0	-21.0	-3.0	-19.0	5.0	-14.0	5.0	874.8
-4000	175	-3.0	3.0	1.0	9.0	16.0	7.0	38.0	14.0	926.8
-4000	200	6.0	5.0	12.0	10.0	26.0	16.0	50.0	1.0	777.4
-4000	225	9.0	5.0	14.0	7.0	27.0	2.0	39.0	-21.0	730.9
-4000	250	9.0	3.0	13.0	1.0	19.0	-15.0	11.0	-48.0	723.6
-4000	275	6.0	1.0	11.0	-3.0	10.0	-26.0	-14.0	-60.0	748.3
-4000	300	6.0	0.0	8.0	-7.0	0.0	-40.0	-37.0	-66.0	770.4
-4000	325	6.0	0.0	8.0	-8.0	-5.0	-44.0	-47.0	-66.0	772.0
-4000	350	2.0	-3.0	4.0	-10.0	-10.0	-44.0	-50.0	-67.0	766.1
-4000	375	0.0	-2.0	1.0	-11.0	-14.0	-39.0	-46.0	-59.0	773.6
-4000	400	0.0	-4.0	0.0	-12.0	-15.0	-36.0	-45.0	-55.0	777.0
-4000	425	0.0	-4.0	-2.0	-13.0	-17.0	-35.0	-45.0	-51.0	759.8
-4000	450	0.0	-5.0	-3.0	-15.0	-20.0	-37.0	-50.0	-54.0	772.8
-4000	475	-1.0	-4.0	-3.0	-13.0	-16.0	-31.0	-40.0	-49.0	912.4
-4000	500	-2.0	-1.0	0.0	-5.0	1.0	-21.0	-14.0	-49.0	863.5
-4000	525	0.0	1.0	6.0	3.0	18.0	-20.0	3.0	-59.0	1286.7
-4000	550	-1.0	0.0	8.0	4.0	19.0	-20.0	6.0	-56.0	859.9
-4000	575	1.0	3.0	7.0	4.0	18.0	-16.0	8.0	-56.0	802.0
-4000	600	0.0	2.0	7.0	4.0	19.0	-10.0	19.0	-69.0	783.8
-4000	625	0.0	1.0	5.0	0.0	11.0	-19.0	2.0	-54.0	777.9
-4000	650	0.0	0.0	3.0	-4.0	5.0	-25.0	-17.0	-59.0	754.2

-4000	675	-1.0	0.0	3.0	-5.0	0.0	-25.0	-20.0	-55.0	752.2
-4000	700	-1.0	-2.0	2.0	-4.0	0.0	-24.0	-17.0	-51.0	764.5
-4000	725	-1.0	-1.0	2.0	-5.0	0.0	-21.0	-14.0	-50.0	809.1
-4000	750	0.0	-1.0	1.0	-4.0	0.0	-19.0	-11.0	-45.0	798.5
-4000	775	-1.0	0.0	0.0	-3.0	2.0	-17.0	-6.0	-40.0	729.6
-4000	800	-1.0	0.0	1.0	-1.0	5.0	-8.0	5.0	-25.0	707.7
-4000	825	-1.0	0.0	1.0	1.0	6.0	-1.0	15.0	-10.0	729.9
-3900	-725	-1.0	-2.0	-1.0	-5.0	7.0	-31.0	-34.0	-83.0	864.4
-3900	-700	-1.0	-2.0	1.0	-5.0	3.0	-34.0	-31.0	-76.0	864.8
-3900	-675	-1.0	-2.0	0.0	-6.0	1.0	-32.0	-30.0	-71.0	930.1
-3900	-650	-1.0	-2.0	0.0	-5.0	-2.0	-31.0	-30.0	-65.0	1014.2
-3900	-625	-1.0	-2.0	0.0	-7.0	-2.0	-31.0	-30.0	-62.0	979.4
-3900	-600	0.0	-2.0	1.0	-5.0	1.0	-25.0	-21.0	-59.0	971.6
-3900	-575	-1.0	0.0	1.0	-1.0	9.0	-18.0	-4.0	-51.0	985.8
-3900	-550	-1.0	1.0	2.0	5.0	20.0	1.0	30.0	-30.0	1010.6
-3900	-525	-2.0	4.0	2.0	9.0	25.0	16.0	50.0	-11.0	1053.6
-3900	-500	-1.0	3.0	2.0	12.0	21.0	32.0	67.0	14.0	949.3
-3900	-475	-1.0	3.0	2.0	11.0	29.0	36.0	70.0	24.0	1106.8
-3900	-450	-1.0	2.0	2.0	12.0	25.0	30.0	60.0	16.0	1061.8
-3900	-425	-1.0	1.0	1.0	6.0	18.0	11.0	36.0	-6.0	947.4
-3900	-400	-1.0	1.0	1.0	3.0	14.0	2.0	23.0	-20.0	1106.9
-3900	-375	-1.0	0.0	0.0	1.0	9.0	-5.0	12.0	-25.0	1020.5
-3900	-350	-1.0	-1.0	1.0	-1.0	5.0	-10.0	5.0	-29.0	942.7
-3900	-325	-4.0	1.0	0.0	-1.0	5.0	-12.0	2.0	-38.0	968.6
-3900	-300	-1.0	0.0	1.0	1.0	8.0	-5.0	10.0	-24.0	957.0
-3900	-275	-1.0	2.0	1.0	5.0	13.0	7.0	27.0	-7.0	1049.8
-3900	-250	-1.0	1.0	1.0	4.0	13.0	6.0	27.0	-7.0	1100.1
-3900	-225	-1.0	0.0	1.0	3.0	11.0	2.0	21.0	-14.0	1041.0
-3900	-200	-1.0	0.0	1.0	2.0	11.0	-3.0	15.0	-20.0	1042.0
-3900	-175	-2.0	0.0	1.0	2.0	11.0	-5.0	15.0	-24.0	1040.7
-3900	-150	-1.0	0.0	1.0	2.0	10.0	-7.0	6.0	-25.0	940.0
-3900	-125	-1.0	0.0	2.0	1.0	9.0	-8.0	9.0	-32.0	831.6
-3900	-100	-1.0	2.0	2.0	3.0	14.0	-6.0	14.0	-31.0	784.7
-3900	-75	-1.0	2.0	3.0	7.0	19.0	5.0	32.0	-16.0	850.7
-3900	-50	0.0	2.0	4.0	10.0	25.0	14.0	46.0	-9.0	1018.1
-3900	-25	0.0	3.0	5.0	12.0	30.0	20.0	55.0	-9.0	886.3
-3900	0	3.0	0.0	3.0	0.0	6.0	-17.0	-5.0	-41.0	838.6
-3900	25	-3.0	-5.0	-5.0	-9.0	-13.0	-26.0	-35.0	-45.0	805.5
-3900	50	-8.0	-8.0	-14.0	-14.0	-27.0	-26.0	-49.0	-38.0	866.8
-3900	75	-12.0	-10.0	-20.0	-14.0	-35.0	-25.0	-52.0	-33.0	944.0
-3900	100	-14.0	-10.0	-21.0	-12.0	-35.0	-23.0	-50.0	-30.0	949.6
-3900	125	-11.0	-8.0	-17.0	-10.0	-24.0	-15.0	-35.0	-25.0	876.9
-3900	150	-5.0	1.0	-3.0	6.0	10.0	9.0	28.0	-7.0	845.3
-3900	175	1.0	4.0	7.0	9.0	25.0	10.0	49.0	-19.0	820.6
-3900	200	5.0	5.0	11.0	8.0	30.0	1.0	41.0	-34.0	814.5
-3900	225	5.0	3.0	12.0	-4.0	24.0	-10.0	-24.0	-45.0	745.2
-3900	250	6.0	1.0	10.0	-3.0	11.0	-27.0	-14.0	-64.0	739.8
-3900	275	4.0	0.0	9.0	-8.0	-3.0	-45.0	-45.0	-70.0	742.8
-3900	300	3.0	-1.0	7.0	-10.0	-9.0	-48.0	-52.0	-67.0	765.4
-3900	325	2.0	-1.0	7.0	-8.0	-5.0	-46.0	-45.0	-65.0	764.9
-3900	350	2.0	0.0	5.0	-7.0	-3.0	-39.0	-37.0	-67.0	806.0
-3900	375	0.0	-3.0	2.0	-10.0	-10.0	-37.0	-44.0	-62.0	757.1
-3900	400	1.0	-4.0	-1.0	-13.0	-15.0	-35.0	-45.0	-55.0	744.7
-3900	425	0.0	-5.0	-4.0	-14.0	-19.0	-30.0	-41.0	-46.0	763.7
-3900	450	0.0	-5.0	-5.0	-14.0	-21.0	-27.0	-41.0	-40.0	885.4
-3900	475	-1.0	-4.0	-5.0	-12.0	-16.0	-25.0	-34.0	-40.0	1123.8
-3900	500	0.0	-2.0	-1.0	-7.0	-5.0	-25.0	-20.0	-49.0	877.1
-3900	525	-1.0	-1.0	4.0	0.0	10.0	-24.0	-10.0	-57.0	1176.2
-3900	550	0.0	2.0	7.0	0.0	11.0	-24.0	-9.0	-61.0	844.7
-3900	575	0.0	1.0	6.0	-1.0	10.0	-26.0	-14.0	-64.0	824.3

-3900	800	1.0	0.0	6.0	-3.0	6.0	-34.0	-21.0	-66.0	818.2
3900	825	1.0	0.0	5.0	-4.0	3.0	-32.0	-25.0	-65.0	798.4
3900	850	-1.0	0.0	3.0	-5.0	1.0	-30.0	-27.0	-60.0	763.2
-3900	875	0.0	0.0	3.0	-4.0	1.0	-25.0	-16.0	-54.0	737.4
-3900	700	0.0	0.0	2.0	-4.0	3.0	-21.0	-10.0	-49.0	750.5
-3900	725	-1.0	0.0	2.0	-3.0	3.0	-18.0	-8.0	-44.0	739.7
-3900	750	-1.0	0.0	2.0	0.0	8.0	-7.0	11.0	-25.0	776.2
-3900	775	-1.0	0.0	2.0	3.0	10.0	2.0	20.0	-14.0	733.7
-3900	800	-1.0	0.0	1.0	2.0	9.0	2.0	19.0	-13.0	714.9
-3900	825	-1.0	0.0	1.0	1.0	7.0	0.0	14.0	-10.0	723.2
-3800	-725	-1.0	0.0	2.0	0.0	15.0	-17.0	5.0	-55.0	904.2
-3800	-700	-1.0	0.0	2.0	2.0	18.0	-15.0	2.0	-61.0	904.0
-3800	-875	-1.0	0.0	1.0	-1.0	10.0	-20.0	-13.0	-63.0	913.1
-3800	-850	-1.0	0.0	0.0	2.0	6.0	-21.0	-15.0	-69.0	915.0
-3800	-825	-2.0	-1.0	1.0	-2.0	5.0	-20.0	-14.0	-54.0	911.5
-3800	-800	-1.0	-1.0	0.0	-2.0	5.0	-20.0	-15.0	-52.0	913.8
-3800	-575	-1.0	1.0	0.0	-3.0	5.0	-20.0	-15.0	-54.0	939.4
-3800	-550	-2.0	-1.0	1.0	-2.0	8.0	-18.0	8.0	-52.0	964.4
-3800	-525	-2.0	0.0	-1.0	-2.0	15.0	-7.0	15.0	-44.0	964.5
-3800	-500	-1.0	1.0	1.0	5.0	20.0	4.0	30.0	-34.0	943.5
-3800	-475	-1.0	0.0	1.0	5.0	20.0	5.0	31.0	-34.0	972.3
-3800	-450	-1.0	1.0	2.0	5.0	20.0	4.0	31.0	-33.0	962.1
-3800	-425	-2.0	0.0	2.0	4.0	19.0	-2.0	25.0	-35.0	976.4
-3800	-400	-1.0	0.0	1.0	3.0	15.0	-6.0	18.0	-40.0	1067.6
-3800	-375	-2.0	0.0	1.0	0.0	11.0	-14.0	5.0	-51.0	1185.3
-3800	-350	-1.0	-1.0	1.0	-2.0	6.0	-19.0	-8.0	-52.0	1073.9
-3800	-325	-1.0	-1.0	1.0	-2.0	6.0	-16.0	-5.0	-50.0	902.9
-3800	-300	-1.0	-1.0	1.0	-2.0	7.0	-18.0	-3.0	-49.0	885.9
-3800	-275	-1.0	-1.0	1.0	-2.0	8.0	-18.0	-3.0	-48.0	961.5
-3800	-250	-2.0	-2.0	0.0	-2.0	6.0	-19.0	-5.0	-57.0	1014.8
-3800	-225	-1.0	0.0	1.0	-2.0	7.0	-19.0	-6.0	-49.0	957.3
-3800	-200	-2.0	0.0	1.0	2.0	14.0	-7.0	15.0	-36.0	961.4
-3800	-175	-2.0	1.0	2.0	8.0	22.0	14.0	46.0	-13.0	963.3
-3800	-150	-2.0	1.0	3.0	7.0	21.0	6.0	39.0	-24.0	935.5
-3800	-125	-1.0	2.0	3.0	7.0	24.0	7.0	40.0	-26.0	805.8
-3800	-100	-2.0	2.0	3.0	9.0	26.0	11.0	47.0	-24.0	804.3
-3800	-75	-1.0	3.0	4.0	10.0	30.0	12.0	52.0	-25.0	842.2
-3800	-50	-1.0	1.0	4.0	7.0	25.0	-2.0	29.0	-44.0	940.9
-3800	-25	-2.0	1.0	3.0	1.0	15.0	-17.0	-4.0	-58.0	956.7
-3800	0	-1.0	-1.0	2.0	-2.0	6.0	-19.0	-9.0	-52.0	870.0
-3800	25	-1.0	-3.0	-1.0	-7.0	-6.0	-25.0	-27.0	-47.0	860.0
-3800	50	-3.0	-3.0	-5.0	-10.0	-15.0	-26.0	-36.0	-45.0	884.8
-3800	75	-4.0	-5.0	-7.0	-11.0	-17.0	-25.0	-36.0	-38.0	837.5
-3800	100	-5.0	-5.0	-8.0	-10.0	-15.0	-21.0	-31.0	-37.0	829.3
-3800	125	-4.0	-3.0	-4.0	-3.0	0.0	-17.0	-7.0	-40.0	843.0
-3800	150	-3.0	1.0	3.0	5.0	21.0	-10.0	15.0	-55.0	855.8
-3800	175	-1.0	2.0	7.0	5.0	25.0	-17.0	10.0	-65.0	801.2
-3800	200	1.0	3.0	10.0	3.0	20.0	-24.0	-3.0	-67.0	793.2
-3800	225	2.0	1.0	9.0	-4.0	8.0	-35.0	-27.0	-70.0	770.8
-3800	250	3.0	0.0	8.0	-5.0	4.0	-39.0	-33.0	-69.0	757.0
-3800	275	2.0	0.0	7.0	-5.0	3.0	-40.0	-36.0	-73.0	754.2
-3800	300	2.0	0.0	7.0	-5.0	4.0	-37.0	-34.0	-74.0	743.8
-3800	325	1.0	1.0	6.0	-4.0	6.0	-39.0	-34.0	-74.0	759.0
-3800	350	2.0	-2.0	4.0	-6.0	0.0	-36.0	-36.0	-68.0	763.0
-3800	375	-1.0	-3.0	2.0	-6.0	-3.0	-33.0	-35.0	-61.0	761.1
-3800	400	-1.0	-4.0	-3.0	-14.0	-15.0	-35.0	-50.0	-55.0	802.3
-3800	425	-1.0	-5.0	-5.0	-14.0	-17.0	-29.0	-43.0	-45.0	850.1
-3800	450	-2.0	-5.0	-5.0	-13.0	-19.0	-29.0	-39.0	-46.0	1131.6
-3800	475	0.0	-5.0	-3.0	-10.0	-11.0	-25.0	-35.0	-49.0	1011.8
-3800	500	-2.0	-2.0	1.0	-6.0	-3.0	-29.0	-31.0	-55.0	1038.9

-3800	525	-1.0	0.0	6.0	-2.0	5.0	-28.0	-20.0	-56.0	961.4
-3800	550	0.0	3.0	7.0	0.0	10.0	-29.0	-15.0	-65.0	903.4
-3800	575	1.0	2.0	8.0	-1.0	10.0	-30.0	-19.0	-67.0	883.7
-3800	600	0.0	1.0	6.0	-1.0	10.0	-25.0	-12.0	-61.0	836.5
-3800	625	-1.0	1.0	5.0	-3.0	6.0	-24.0	-15.0	-60.0	795.9
-3800	650	-1.0	0.0	4.0	-2.0	7.0	-20.0	-6.0	-50.0	756.6
-3800	675	-1.0	0.0	3.0	-3.0	6.0	-20.0	-9.0	-49.0	739.7
-3800	700	-1.0	0.0	2.0	-3.0	2.0	-20.0	-10.0	-48.0	761.0
-3800	725	-1.0	0.0	2.0	-2.0	5.0	-15.0	-1.0	-38.0	794.5
-3800	750	1.0	0.0	1.0	-1.0	5.0	-10.0	-4.0	-30.0	744.7
-3800	775	-1.0	0.0	1.0	1.0	7.0	-3.0	11.0	-19.0	721.6
-3800	800	-1.0	0.0	1.0	1.0	6.0	-4.0	12.0	-19.0	708.4
-3800	825	-2.0	0.0	1.0	1.0	6.0	-2.0	12.0	-17.0	692.6
-3700	-725	-1.0	-1.0	2.0	-3.0	4.0	-25.0	-19.0	-61.0	1145.9
-3700	-700	-2.0	-1.0	2.0	-2.0	6.0	-24.0	-13.0	-60.0	1056.8
-3700	-675	-1.0	0.0	2.0	-1.0	11.0	-19.0	-4.0	-57.0	1022.9
-3700	-650	-1.0	0.0	2.0	1.0	15.0	-17.0	5.0	-56.0	1026.8
-3700	-625	-1.0	1.0	2.0	3.0	17.0	-11.0	15.0	-50.0	1054.9
-3700	-600	-1.0	1.0	3.0	5.0	21.0	-4.0	26.0	-45.0	1081.2
-3700	-575	-1.0	1.0	2.0	4.0	20.0	-4.0	25.0	-45.0	1075.7
-3700	-550	-1.0	1.0	2.0	1.0	15.0	-12.0	14.0	-49.0	1074.7
-3700	-525	-1.0	0.0	1.0	-1.0	11.0	-18.0	2.0	-54.0	1043.5
-3700	-500	-1.0	0.0	1.0	-2.0	6.0	-20.0	-6.0	-56.0	952.5
-3700	-475	-1.0	-1.0	1.0	-2.0	7.0	-19.0	-6.0	-56.0	936.5
-3700	-450	-2.0	-2.0	1.0	-3.0	6.0	-22.0	-10.0	-60.0	963.1
-3700	-425	-2.0	-1.0	1.0	-3.0	7.0	-20.0	-5.0	-57.0	1027.4
-3700	-400	-1.0	-1.0	1.0	-2.0	9.0	-20.0	-5.0	-60.0	1112.6
-3700	-375	-1.0	0.0	1.0	-3.0	6.0	-21.0	-9.0	-61.0	1224.0
-3700	-350	-1.0	-1.0	1.0	-3.0	5.0	-24.0	-14.0	-64.0	1170.2
-3700	-325	-1.0	-2.0	1.0	-3.0	5.0	-25.0	-19.0	-65.0	954.3
-3700	-300	-1.0	-1.0	1.0	-3.0	7.0	-24.0	-12.0	-65.0	944.4
-3700	-275	-1.0	-1.0	1.0	-2.0	9.0	-20.0	-7.0	-65.0	1131.1
-3700	-250	-2.0	-1.0	1.0	-2.0	10.0	-20.0	-7.0	-65.0	1010.5
-3700	-225	-1.0	0.0	2.0	-1.0	14.0	-16.0	0.0	-62.0	917.6
-3700	-200	-1.0	0.0	2.0	-1.0	12.0	-19.0	-5.0	-64.0	901.7
-3700	-175	-1.0	-1.0	1.0	-2.0	7.0	-24.0	-12.0	-65.0	921.1
-3700	-150	-2.0	-1.0	1.0	-3.0	5.0	-25.0	-20.0	-66.0	881.6
-3700	-125	-1.0	-1.0	2.0	-4.0	5.0	-29.0	-24.0	-67.0	857.5
-3700	-100	-1.0	-1.0	2.0	-4.0	2.0	-34.0	-30.0	-70.0	806.6
-3700	-75	0.0	-2.0	2.0	-4.0	2.0	-34.0	-36.0	-72.0	805.3
-3700	-50	-1.0	-1.0	3.0	-4.0	5.0	-35.0	-32.0	-74.0	819.5
-3700	-25	-1.0	-1.0	2.0	-4.0	5.0	-35.0	-35.0	-76.0	828.8
-3700	0	-1.0	-2.0	2.0	-5.0	3.0	-31.0	-41.0	-74.0	826.9
-3700	25	-1.0	-2.0	1.0	-6.0	-3.0	-32.0	-49.0	-69.0	832.5
-3700	50	-1.0	-2.0	1.0	-8.0	-4.0	-37.0	-46.0	-66.0	840.9
-3700	75	-3.0	-2.0	0.0	-7.0	-5.0	-35.0	-44.0	-64.0	830.7
-3700	100	-2.0	-2.0	0.0	-6.0	-4.0	-34.0	-39.0	-65.0	812.0
-3700	125	-2.0	-1.0	2.0	-2.0	6.0	-31.0	-30.0	-70.0	815.2
-3700	150	-1.0	2.0	6.0	1.0	15.0	-31.0	-20.0	-79.0	800.0
-3700	175	0.0	2.0	8.0	3.0	20.0	-31.0	-17.0	-84.0	773.7
-3700	200	0.0	3.0	9.0	3.0	20.0	-31.0	-16.0	-81.0	762.1
-3700	225	1.0	2.0	9.0	1.0	16.0	-34.0	-24.0	-78.0	757.3
-3700	250	0.0	2.0	9.0	0.0	15.0	-35.0	-25.0	-75.0	762.7
-3700	275	0.0	2.0	8.0	-1.0	11.0	-35.0	-27.0	-75.0	758.4
-3700	300	-1.0	-1.0	7.0	-3.0	8.0	-37.0	-30.0	-74.0	763.1
-3700	325	-1.0	-4.0	6.0	-2.0	11.0	-34.0	-25.0	-74.0	759.5
-3700	350	-1.0	0.0	6.0	-2.0	11.0	-33.0	-25.0	-75.0	771.5
-3700	375	-1.0	0.0	4.0	-4.0	6.0	-36.0	-34.0	-75.0	778.2
-3700	400	-1.0	-1.0	2.0	-7.0	-1.0	-39.0	-44.0	-70.0	788.6
-3700	425	-1.0	1.0	0.0	-9.0	-8.0	-39.0	-50.0	-65.0	803.0

-3700	450	-2.0	-2.0	-2.0	-11.0	-12.0	-36.0	-49.0	-58.0	843.2
-3700	475	-2.0	-3.0	-3.0	-11.0	-14.0	-35.0	-37.0	-56.0	935.8
-3700	500	-2.0	-2.0	-1.0	-9.0	-8.0	-32.0	-39.0	-57.0	923.3
-3700	525	0.0	-1.0	1.0	-5.0	-1.0	-26.0	-25.0	-57.0	1034.9
-3700	550	-1.0	0.0	4.0	-2.0	6.0	-24.0	-11.0	-55.0	984.1
-3700	575	-1.0	1.0	6.0	1.0	13.0	-19.0	3.0	-53.0	926.6
-3700	600	0.0	2.0	6.0	1.0	13.0	-19.0	2.0	-51.0	910.3
-3700	625	-1.0	1.0	5.0	0.0	11.0	-20.0	-3.0	-50.0	870.1
-3700	650	-4.0	2.0	5.0	0.0	11.0	-18.0	2.0	-45.0	820.8
-3700	675	-1.0	1.0	4.0	1.0	11.0	-11.0	10.0	-36.0	782.4
-3700	700	-1.0	1.0	3.0	2.0	11.0	-8.0	12.0	-31.0	758.7
-3700	725	-1.0	0.0	2.0	0.0	8.0	-13.0	5.0	-37.0	739.3
-3700	750	-3.0	2.0	2.0	1.0	10.0	-4.0	15.0	-25.0	768.3
-3700	775	-2.0	2.0	2.0	2.0	11.0	0.0	21.0	-17.0	757.4
-3700	800	-2.0	0.0	1.0	1.0	9.0	-2.0	16.0	-20.0	735.5
-3700	825	-1.0	0.0	1.0	-1.0	5.0	-10.0	5.0	-30.0	722.5
-3600	-725	-1.0	0.0	1.0	3.0	15.0	-8.0	18.0	-39.0	1161.1
-3600	-700	-1.0	1.0	2.0	6.0	20.0	5.0	35.0	-24.0	1281.7
-3600	-675	-1.0	1.0	2.0	10.0	25.0	11.0	46.0	-16.0	1160.6
-3600	-650	-1.0	3.0	2.0	14.0	36.0	30.0	70.0	5.0	1042.4
-3600	-625	0.0	3.0	2.0	11.0	30.0	19.0	60.0	-10.0	1179.7
-3600	-600	-1.0	1.0	2.0	8.0	25.0	9.0	44.0	-25.0	1070.3
-3600	-575	-1.0	0.0	2.0	3.0	17.0	-8.0	18.0	-41.0	1054.2
-3600	-550	-1.0	0.0	1.0	0.0	10.0	-16.0	-2.0	-54.0	1043.0
-3600	-525	-1.0	-1.0	1.0	-2.0	6.0	-24.0	-10.0	-60.0	1061.9
-3600	-500	-1.0	-2.0	0.0	-6.0	-2.0	-30.0	-30.0	-65.0	1084.1
-3600	-475	-1.0	-2.0	0.0	-6.0	-3.0	-31.0	-30.0	-65.0	1103.3
-3600	-450	-1.0	-1.0	0.0	-4.0	1.0	-25.0	-15.0	-61.0	1079.5
-3600	-425	-1.0	-2.0	0.0	-4.0	5.0	-25.0	-15.0	-65.0	1031.8
-3600	-400	-1.0	-1.0	1.0	-2.0	8.0	-21.0	-7.0	-64.0	1103.0
-3600	-375	-1.0	-2.0	1.0	-3.0	7.0	-24.0	-10.0	-64.0	1235.5
-3600	-350	-1.0	-1.0	1.0	-3.0	5.0	-24.0	-14.0	-63.0	1197.2
-3600	-325	-1.0	-1.0	2.0	0.0	12.0	-18.0	2.0	-59.0	1073.7
-3600	-300	-1.0	0.0	2.0	4.0	20.0	-5.0	24.0	-51.0	1002.0
-3600	-275	-1.0	2.0	3.0	8.0	27.0	5.0	45.0	-44.0	1158.4
-3600	-250	-2.0	1.0	3.0	8.0	27.0	5.0	45.0	-44.0	1105.4
-3600	-225	-1.0	1.0	2.0	8.0	27.0	2.0	41.0	-45.0	947.9
-3600	-200	-1.0	2.0	3.0	7.0	26.0	1.0	40.0	-47.0	904.0
-3600	-175	-1.0	1.0	3.0	5.0	24.0	-4.0	27.0	-52.0	936.5
-3600	-150	-2.0	-1.0	2.0	1.0	15.0	-19.0	-1.0	-67.0	868.1
-3600	-125	-1.0	-1.0	1.0	-5.0	4.0	-31.0	-26.0	-70.0	887.8
-3600	-100	-1.0	-2.0	1.0	-6.0	0.0	-36.0	-37.0	-73.0	913.4
-3600	-75	-1.0	-2.0	2.0	-5.0	0.0	-38.0	-38.0	-74.0	896.8
-3600	-50	-1.0	-2.0	2.0	-5.0	3.0	-37.0	-40.0	-76.0	856.1
-3600	-25	-1.0	-1.0	2.0	-4.0	3.0	-35.0	-35.0	-75.0	832.9
-3600	0	-1.0	-2.0	1.0	-6.0	-3.0	-37.0	-40.0	-72.0	828.6
-3600	25	-1.0	-2.0	-1.0	-8.0	-4.0	-38.0	-46.0	-70.0	823.0
-3600	50	-3.0	-4.0	-2.0	-7.0	-9.0	-37.0	-42.0	-69.0	832.3
-3600	75	-3.0	-4.0	-3.0	-8.0	-5.0	-34.0	-40.0	-69.0	852.2
-3600	100	-3.0	-2.0	-2.0	-5.0	1.0	-29.0	-30.0	-69.0	822.7
-3600	125	-2.0	0.0	2.0	0.0	15.0	-24.0	-12.0	-74.0	818.1
-3600	150	-1.0	1.0	5.0	3.0	24.0	-24.0	1.0	-80.0	800.0
-3600	175	1.0	2.0	7.0	2.0	21.0	-25.0	-4.0	-79.0	780.5
-3600	200	2.0	1.0	8.0	-1.0	15.0	-34.0	-19.0	-80.0	758.7
-3600	225	1.0	1.0	8.0	-1.0	14.0	-35.0	-20.0	-80.0	754.4
-3600	250	1.0	1.0	7.0	-1.0	10.0	-34.0	-24.0	-76.0	752.1
-3600	275	1.0	1.0	6.0	-3.0	5.0	-40.0	-34.0	-77.0	767.7
-3600	300	1.0	1.0	6.0	-3.0	6.0	-36.0	-30.0	-76.0	787.4
-3600	325	-1.0	1.0	6.0	0.0	14.0	-35.0	-23.0	-80.0	827.0
-3600	350	0.0	1.0	5.0	-1.0	11.0	-34.0	-22.0	-78.0	864.5

-3600	375	0.0	-1.0	3.0	-6.0	-2.0	-38.0	-39.0	-69.0	838.6
-3600	400	0.0	-2.0	1.0	-9.0	-11.0	-37.0	-45.0	-56.0	806.3
-3600	425	-1.0	-4.0	-1.0	-12.0	-15.0	-37.0	-50.0	-55.0	798.2
-3600	450	-1.0	-4.0	-2.0	-12.0	-19.0	-36.0	-50.0	-50.0	822.8
-3600	475	-1.0	-3.0	-2.0	-12.0	-16.0	-31.0	-41.0	-49.0	879.3
-3600	500	-1.0	-1.0	1.0	-4.0	-2.0	-24.0	-16.0	-47.0	887.2
-3600	525	0.0	2.0	5.0	6.0	18.0	-6.0	18.0	-31.0	912.9
-3600	550	0.0	4.0	6.0	14.0	30.0	20.0	54.0	1.0	931.6
-3600	575	0.0	5.0	6.0	15.0	30.0	25.0	58.0	11.0	932.7
-3600	600	0.0	3.0	6.0	13.0	25.0	24.0	52.0	16.0	876.5
-3600	625	0.0	4.0	5.0	13.0	21.0	26.0	49.0	25.0	818.4
-3600	650	-1.0	3.0	5.0	10.0	19.0	18.0	40.0	15.0	780.9
-3600	675	0.0	1.0	3.0	6.0	14.0	5.0	25.0	-5.0	751.0
-3600	700	0.0	1.0	2.0	1.0	9.0	-7.0	11.0	-25.0	741.9
-3600	725	-1.0	0.0	2.0	2.0	9.0	-4.0	11.0	-20.0	714.9
-3600	750	-1.0	1.0	2.0	3.0	9.0	2.0	20.0	-10.0	781.3
-3600	775	-1.0	0.0	1.0	2.0	9.0	3.0	19.0	-9.0	733.7
-3600	800	-2.0	1.0	0.0	1.0	7.0	-1.0	17.0	-15.0	729.8
-3600	825	-1.0	0.0	1.0	1.0	7.0	0.0	15.0	-15.0	761.6
-3500	-725	-1.0	1.0	1.0	6.0	18.0	-2.0	24.0	-34.0	1182.2
-3500	-700	-1.0	1.0	2.0	7.0	21.0	11.0	41.0	-17.0	1024.8
-3500	-675	-1.0	2.0	2.0	10.0	27.0	19.0	56.0	-5.0	992.2
-3500	-650	-1.0	3.0	3.0	15.0	33.0	34.0	74.0	15.0	1124.0
-3500	-625	-1.0	2.0	3.0	10.0	26.0	16.0	52.0	-11.0	1096.4
-3500	-600	-1.0	2.0	3.0	10.0	26.0	15.0	51.0	-14.0	1108.9
-3500	-575	-1.0	1.0	2.0	8.0	25.0	9.0	40.0	-25.0	1201.4
-3500	-550	-2.0	0.0	2.0	3.0	18.0	-8.0	15.0	-44.0	1214.7
-3500	-525	-1.0	-1.0	2.0	-1.0	9.0	-19.0	-4.0	-52.0	1150.6
-3500	-500	-1.0	-2.0	1.0	-5.0	-1.0	-32.0	-30.0	-66.0	1114.4
-3500	-475	0.0	-1.0	2.0	-4.0	4.0	-25.0	-18.0	-60.0	1106.6
-3500	-450	0.0	-2.0	1.0	-8.0	-5.0	-35.0	-37.0	-65.0	1113.1
-3500	-425	-1.0	-2.0	0.0	-7.0	-4.0	-34.0	-34.0	-64.0	1149.3
-3500	-400	-1.0	-2.0	1.0	-5.0	3.0	-30.0	-25.0	-66.0	1175.8
-3500	-375	-1.0	-2.0	2.0	-4.0	6.0	-25.0	-15.0	-66.0	1200.0
-3500	-350	0.0	-1.0	2.0	-2.0	9.0	-24.0	-11.0	-66.0	1183.2
-3500	-325	-1.0	-1.0	2.0	-2.0	9.0	-21.0	-11.0	-65.0	1046.4
-3500	-300	-2.0	-2.0	1.0	-2.0	6.0	-24.0	-13.0	-61.0	984.2
-3500	-275	-1.0	0.0	1.0	-1.0	10.0	-20.0	-9.0	-60.0	976.6
-3500	-250	-2.0	0.0	2.0	-1.0	12.0	-19.0	-3.0	-58.0	1001.8
-3500	-225	-1.0	1.0	2.0	3.0	18.0	-10.0	15.0	-50.0	913.2
-3500	-200	-1.0	2.0	2.0	7.0	24.0	5.0	41.0	-36.0	848.2
-3500	-175	-1.0	2.0	3.0	12.0	34.0	20.0	42.0	-16.0	815.6
-3500	-150	-1.0	2.0	2.0	10.0	29.0	14.0	52.0	-26.0	808.9
-3500	-125	-1.0	0.0	3.0	7.0	25.0	3.0	39.0	-38.0	772.3
-3500	-100	-1.0	1.0	3.0	7.0	25.0	-1.0	31.0	-41.0	814.8
-3500	-75	-1.0	1.0	2.0	3.0	18.0	-14.0	10.0	-55.0	832.5
-3500	-50	-1.0	0.0	2.0	-1.0	10.0	-24.0	-11.0	-61.0	824.5
-3500	-25	-1.0	-2.0	1.0	-6.0	-2.0	-31.0	-30.0	-62.0	821.3
-3500	0	-1.0	-1.0	0.0	-4.0	1.0	-25.0	-18.0	-56.0	800.4
-3500	25	-1.0	-2.0	0.0	-4.0	0.0	-24.0	-16.0	-56.0	835.4
-3500	50	-1.0	-2.0	-1.0	-4.0	1.0	-24.0	-13.0	-59.0	871.0
-3500	75	-2.0	-2.0	0.0	-3.0	5.0	-21.0	-11.0	-62.0	851.4
-3500	100	-2.0	-1.0	0.0	2.0	8.0	-24.0	-10.0	-64.0	811.2
-3500	125	-1.0	0.0	4.0	3.0	16.0	-20.0	5.0	-65.0	792.8
-3500	150	-1.0	0.0	5.0	0.0	14.0	-26.0	-10.0	-74.0	774.9
-3500	175	0.0	1.0	6.0	-1.0	10.0	-31.0	-20.0	-74.0	758.0
-3500	200	1.0	0.0	5.0	-3.0	8.0	-33.0	-21.0	-74.0	749.6
-3500	225	1.0	1.0	6.0	-2.0	10.0	-30.0	-16.0	-70.0	751.4
-3500	250	1.0	1.0	7.0	2.0	16.0	-24.0	3.0	-65.0	763.3
-3500	275	0.0	1.0	7.0	4.0	21.0	-19.0	10.0	-65.0	818.7

-3500	300	1.0	2.0	7.0	6.0	26.0	-14.0	15.0	-65.0	993.4
-3500	325	-1.0	2.0	8.0	16.0	34.0	-9.0	28.0	-65.0	1186.2
-3500	350	0.0	4.0	9.0	11.0	36.0	-8.0	34.0	-60.0	1109.3
-3500	375	0.0	1.0	5.0	3.0	18.0	-16.0	5.0	-51.0	865.4
-3500	400	-1.0	-4.0	-4.0	-10.0	-19.0	-25.0	-36.0	-35.0	788.3
-3500	425	-2.0	-7.0	-10.0	-20.0	-35.0	-26.0	-56.0	-26.0	783.7
-3500	450	-2.0	-7.0	-11.0	-19.0	-36.0	-26.0	-55.0	-23.0	857.4
-3500	475	-2.0	-7.0	-9.0	-17.0	-33.0	-25.0	-49.0	-21.0	946.0
-3500	500	-1.0	-4.0	-5.0	-12.0	-20.0	-21.0	-36.0	-25.0	937.2
-3500	525	-1.0	-2.0	0.0	-4.0	-1.0	-14.0	-10.0	-25.0	934.4
-3500	550	0.0	3.0	6.0	7.0	17.0	1.0	21.0	-14.0	906.1
-3500	575	3.0	1.0	8.0	11.0	22.0	11.0	40.0	-2.0	857.1
-3500	600	0.0	5.0	6.0	10.0	21.0	15.0	37.0	7.0	829.3
-3500	625	-1.0	3.0	5.0	7.0	17.0	6.0	30.0	-5.0	786.9
-3500	650	0.0	2.0	4.0	5.0	14.0	3.0	24.0	-9.0	772.2
-3500	675	-1.0	3.0	3.0	5.0	13.0	4.0	21.0	-9.0	785.3
-3500	700	-1.0	2.0	2.0	3.0	11.0	1.0	18.0	-13.0	747.9
-3500	725	-1.0	-1.0	2.0	2.0	9.0	-1.0	15.0	-14.0	730.3
-3500	750	-1.0	0.0	1.0	1.0	7.0	-4.0	12.0	-17.0	739.2
-3500	775	-1.0	1.0	1.0	2.0	7.0	-1.0	14.0	-14.0	721.5
-3500	800	0.0	1.0	1.0	1.0	7.0	-1.0	14.0	-14.0	729.7
-3500	825	-1.0	0.0	1.0	0.0	6.0	-3.0	12.0	-18.0	743.2
-3400	-725	-1.0	1.0	3.0	4.0	20.0	-11.0	16.0	-50.0	1011.2
-3400	-700	-1.0	1.0	3.0	5.0	21.0	-5.0	24.0	-46.0	1062.8
-3400	-675	-1.0	1.0	3.0	6.0	24.0	-2.0	29.0	-45.0	1077.4
-3400	-650	-2.0	0.0	3.0	5.0	21.0	-8.0	18.0	-50.0	1072.1
-3400	-625	-1.0	1.0	3.0	5.0	22.0	-9.0	16.0	-54.0	1102.8
-3400	-600	-1.0	1.0	3.0	6.0	25.0	-5.0	27.0	-49.0	1039.6
-3400	-575	-2.0	1.0	3.0	1.0	24.0	-6.0	21.0	-51.0	1067.3
-3400	-550	-1.0	1.0	3.0	5.0	26.0	-10.0	15.0	-56.0	1137.0
-3400	-525	-1.0	0.0	2.0	2.0	16.0	-15.0	2.0	-61.0	1130.0
-3400	-500	-1.0	0.0	2.0	2.0	19.0	-14.0	6.0	-60.0	1103.2
-3400	-475	-1.0	-1.0	2.0	0.0	11.0	-20.0	11.0	-64.0	1096.7
-3400	-450	-1.0	-3.0	1.0	-5.0	-2.0	-35.0	-39.0	-66.0	1144.7
-3400	-425	-1.0	-2.0	1.0	-7.0	-1.0	-35.0	-36.0	-67.0	1174.2
-3400	-400	-1.0	0.0	0.0	-5.0	2.0	-31.0	-30.0	-70.0	1145.2
-3400	-375	-2.0	-1.0	1.0	-4.0	5.0	-29.0	-25.0	-70.0	1114.6
-3400	-350	-1.0	-1.0	1.0	-4.0	6.0	-26.0	-20.0	-69.0	1087.2
-3400	-325	-1.0	-1.0	1.0	-3.0	6.0	-25.0	-15.0	-65.0	1073.4
-3400	-300	-1.0	-2.0	1.0	-4.0	4.0	-25.0	-20.0	-60.0	1053.4
-3400	-275	-2.0	-1.0	1.0	-4.0	6.0	-24.0	-17.0	-59.0	1027.6
-3400	-250	-2.0	-1.0	1.0	-2.0	10.0	-18.0	-5.0	-55.0	1014.7
-3400	-225	-1.0	0.0	1.0	1.0	12.0	-16.0	3.0	-50.0	962.7
-3400	-200	-1.0	1.0	2.0	5.0	19.0	-5.0	22.0	-40.0	880.4
-3400	-175	-1.0	1.0	2.0	6.0	20.0	-1.0	31.0	-32.0	832.7
-3400	-150	-1.0	2.0	2.0	7.0	24.0	5.0	37.0	-31.0	815.0
-3400	-125	-1.0	1.0	2.0	7.0	22.0	6.0	37.0	-30.0	829.0
-3400	-100	-1.0	1.0	2.0	5.0	20.0	1.0	30.0	-35.0	818.7
-3400	-75	-2.0	-1.0	2.0	5.0	19.0	-3.0	25.0	-35.0	816.8
-3400	-50	-1.0	1.0	2.0	2.0	15.0	-9.0	11.0	-40.0	790.2
-3400	-25	-1.0	0.0	2.0	0.0	11.0	-15.0	2.0	-42.0	792.4
-3400	0	-1.0	0.0	2.0	1.0	11.0	-12.0	5.0	-37.0	792.1
-3400	25	-1.0	0.0	2.0	0.0	10.0	-14.0	2.0	-40.0	820.2
-3400	50	-1.0	1.0	2.0	2.0	13.0	-10.0	8.0	-39.0	876.7
-3400	75	-1.0	1.0	2.0	4.0	16.0	-5.0	16.0	-34.0	853.5
-3400	100	-1.0	2.0	11.0	7.0	21.0	2.0	31.0	-28.0	840.5
-3400	125	-2.0	1.0	3.0	8.0	22.0	4.0	33.0	-31.0	839.6
-3400	150	-2.0	1.0	3.0	5.0	19.0	-7.0	22.0	-40.0	809.0
-3400	175	-1.0	1.0	3.0	3.0	15.0	-10.0	10.0	-41.0	798.2
-3400	200	-1.0	1.0	3.0	1.0	11.0	-15.0	0.0	-45.0	814.1

-3400	225	-1.0	0.0	3.0	0.0	10.0	-18.0	-4.0	-44.0	829.8
-3400	250	-1.0	1.0	4.0	2.0	12.0	-15.0	2.0	-34.0	864.4
-3400	275	-1.0	1.0	4.0	4.0	18.0	-11.0	11.0	-44.0	953.7
-3400	300	-1.0	1.0	5.0	5.0	21.0	-6.0	16.0	-56.0	1018.5
-3400	325	0.0	2.0	5.0	7.0	25.0	-5.0	21.0	-46.0	944.6
-3400	350	-1.0	2.0	5.0	6.0	22.0	-10.0	15.0	-46.0	878.8
-3400	375	-1.0	0.0	4.0	1.0	12.0	-18.0	-6.0	-50.0	823.2
-3400	400	-1.0	-1.0	2.0	-4.0	-2.0	-24.0	-22.0	-46.0	817.8
-3400	425	-1.0	-3.0	-2.0	-11.0	-15.0	-29.0	-38.0	-37.0	836.1
-3400	450	-1.0	-4.0	-4.0	-14.0	-21.0	-29.0	-27.0	-35.0	978.0
-3400	475	-1.0	-4.0	-5.0	-13.0	-21.0	-25.0	-40.0	-31.0	1039.0
-3400	500	-1.0	-3.0	-2.0	-9.0	-12.0	-24.0	-30.0	-35.0	904.1
-3400	525	0.0	-1.0	1.0	-4.0	-1.0	-17.0	-14.0	-34.0	818.9
-3400	550	0.0	1.0	4.0	3.0	12.0	-9.0	11.0	-25.0	799.0
-3400	575	0.0	3.0	7.0	8.0	20.0	4.0	30.0	-16.0	800.5
-3400	600	1.0	3.0	7.0	8.0	20.0	6.0	30.0	-11.0	795.7
-3400	625	0.0	3.0	5.0	7.0	17.0	3.0	26.0	-12.0	787.8
-3400	650	-2.0	2.0	6.0	5.0	14.0	2.0	21.0	-11.0	754.4
-3400	675	-1.0	1.0	3.0	3.0	12.0	-1.0	18.0	-16.0	743.1
-3400	700	-1.0	1.0	3.0	3.0	11.0	0.0	17.0	-13.0	731.6
-3400	725	-1.0	1.0	2.0	2.0	10.0	-1.0	16.0	-15.0	750.1
-3400	750	-1.0	1.0	2.0	2.0	8.0	0.0	15.0	-13.0	774.4
-3400	775	-1.0	1.0	1.0	2.0	8.0	1.0	16.0	-10.0	763.6
-3400	800	-1.0	1.0	1.0	3.0	8.0	2.0	17.0	-9.0	748.4
-3400	825	-1.0	1.0	1.0	4.0	9.0	7.0	21.0	-1.0	742.4
-3300	-750	-1.0	0.0	2.0	0.0	15.0	-24.0	-4.0	-69.0	988.2
-3300	-725	-1.0	0.0	2.0	0.0	18.0	-20.0	-2.0	-69.0	941.6
-3300	-700	-1.0	0.0	2.0	0.0	15.0	-21.0	-5.0	-70.0	928.5
-3300	-675	-1.0	0.0	2.0	0.0	15.0	-23.0	-7.0	-70.0	941.1
-3300	-650	-1.0	-1.0	2.0	0.0	12.0	-25.0	-11.0	-72.0	940.7
-3300	-625	-1.0	-1.0	2.0	-1.0	11.0	-26.0	-14.0	-73.0	936.4
-3300	-600	-1.0	-1.0	2.0	-2.0	10.0	-28.0	-20.0	-74.0	960.1
-3300	-575	-1.0	-1.0	1.0	-3.0	6.0	-34.0	-28.0	-75.0	984.7
-3300	-550	-1.0	-2.0	1.0	-5.0	5.0	-35.0	-33.0	-74.0	994.7
-3300	-525	-1.0	-1.0	1.0	-5.0	1.0	-36.0	-41.0	-74.0	1007.0
-3300	-500	-1.0	-2.0	1.0	-7.0	-2.0	-39.0	-45.0	-73.0	1011.8
-3300	-475	-2.0	-2.0	0.0	-9.0	-5.0	-40.0	-50.0	-73.0	1052.4
-3300	-450	-1.0	-2.0	0.0	-8.0	-3.0	-40.0	-49.0	-74.0	1098.2
-3300	-425	-1.0	-1.0	1.0	-6.0	0.0	-36.0	-40.0	-74.0	1111.6
-3300	-400	-2.0	-2.0	1.0	-5.0	3.0	-33.0	-37.0	-75.0	1107.7
-3300	-375	-2.0	-1.0	1.0	-4.0	6.0	-30.0	-25.0	-74.0	1103.6
-3300	-350	-1.0	-1.0	1.0	-4.0	5.0	-29.0	-24.0	-70.0	1098.1
-3300	-325	-2.0	-2.0	1.0	-3.0	6.0	-23.0	-17.0	-67.0	1120.2
-3300	-300	-1.0	0.0	1.0	-2.0	7.0	-21.0	-11.0	-61.0	1160.2
-3300	-275	-1.0	0.0	1.0	-2.0	9.0	-19.0	-6.0	-57.0	1144.2
-3300	-250	-1.0	0.0	1.0	1.0	11.0	-17.0	4.0	-52.0	1099.0
-3300	-225	-2.0	0.0	1.0	1.0	14.0	-10.0	11.0	-44.0	1024.0
-3300	-200	-1.0	1.0	1.0	3.0	17.0	-2.0	25.0	-35.0	950.5
-3300	-175	-2.0	1.0	1.0	6.0	19.0	4.0	35.0	-25.0	906.2
-3300	-150	-1.0	1.0	1.0	6.0	20.0	6.0	36.0	-24.0	872.5
-3300	-125	-2.0	1.0	1.0	6.0	20.0	5.0	35.0	-24.0	842.4
-3300	-100	-1.0	1.0	1.0	5.0	17.0	0.0	25.0	-30.0	838.0
-3300	-75	-1.0	0.0	1.0	3.0	16.0	-3.0	26.0	-30.0	840.8
-3300	-50	-2.0	1.0	1.0	2.0	11.0	-9.0	10.0	-35.0	848.0
-3300	-25	-1.0	0.0	1.0	0.0	8.0	-13.0	2.0	-39.0	835.8
-3300	0	-2.0	0.0	1.0	0.0	8.0	-12.0	0.0	-38.0	829.7
-3300	25	-1.0	-1.0	1.0	0.0	9.0	-10.0	3.0	-36.0	855.6
-3300	50	-1.0	1.0	2.0	3.0	13.0	-5.0	15.0	-31.0	860.0
-3300	75	-1.0	0.0	2.0	3.0	16.0	-3.0	13.0	-31.0	849.7
-3300	100	-1.0	1.0	2.0	5.0	18.0	-2.0	24.0	-32.0	826.4

-3300	125	-1.0	1.0	3.0	3.0	15.0	-8.0	15.0	-40.0	824.7
-3300	150	-1.0	0.0	2.0	2.0	13.0	-12.0	6.0	-42.0	841.8
-3300	175	-1.0	0.0	2.0	0.0	8.0	-18.0	-6.0	-47.0	831.1
-3300	200	-1.0	-1.0	2.0	-2.0	5.0	-21.0	-12.0	-48.0	834.2
-3300	225	-1.0	-1.0	2.0	-1.0	5.0	-19.0	-12.0	-45.0	901.6
-3300	250	-1.0	0.0	3.0	2.0	12.0	-12.0	3.0	-40.0	977.3
-3300	275	-1.0	2.0	4.0	6.0	18.0	-7.0	15.0	-46.0	912.2
-3300	300	-1.0	2.0	4.0	6.0	21.0	-4.0	21.0	-39.0	779.9
-3300	325	-1.0	1.0	4.0	6.0	20.0	-5.0	20.0	-39.0	749.3
-3300	350	-1.0	1.0	4.0	4.0	16.0	-10.0	10.0	-38.0	748.5
-3300	375	-1.0	0.0	2.0	0.0	6.0	-16.0	-6.0	-35.0	777.9
-3300	400	-1.0	-1.0	1.0	-4.0	-3.0	-20.0	-19.0	-34.0	798.3
-3300	425	-1.0	-2.0	0.0	-7.0	-9.0	-22.0	-25.0	-32.0	801.3
-3300	450	-2.0	-2.0	-1.0	-6.0	-7.0	-19.0	-21.0	-29.0	832.3
-3300	475	-1.0	-1.0	0.0	-3.0	-1.0	-15.0	-11.0	-29.0	889.0
-3300	500	-1.0	0.0	1.0	1.0	9.0	-9.0	5.0	-30.0	906.9
-3300	525	-1.0	2.0	3.0	5.0	15.0	-3.0	17.0	-24.0	903.3
-3300	550	-1.0	2.0	4.0	5.0	12.0	0.0	23.0	-18.0	828.2
-3300	575	0.0	2.0	4.0	5.0	16.0	2.0	23.0	-15.0	807.8
-3300	600	0.0	2.0	4.0	4.0	14.0	-1.0	20.0	-16.0	782.9
-3300	625	-1.0	2.0	3.0	3.0	12.0	-1.0	19.0	-17.0	776.5
-3300	650	-1.0	1.0	3.0	3.0	10.0	-3.0	15.0	-19.0	752.5
-3300	675	-1.0	0.0	2.0	2.0	10.0	-1.0	15.0	-15.0	758.0
-3300	700	-1.0	2.0	2.0	3.0	10.0	1.0	17.0	-13.0	770.7
-3300	725	-1.0	1.0	1.0	3.0	9.0	2.0	8.0	-10.0	770.7
-3300	750	-2.0	0.0	1.0	3.0	9.0	3.0	19.0	-9.0	781.6
-3300	775	-1.0	0.0	1.0	4.0	10.0	4.0	21.0	-5.0	771.1
-3300	800	-1.0	1.0	1.0	4.0	11.0	8.0	25.0	-2.0	773.9
-3200	-725	-1.0	1.0	3.0	0.0	15.0	-20.0	-6.0	-70.0	1024.9
-3200	-700	-1.0	0.0	3.0	0.0	14.0	-24.0	-12.0	-71.0	998.0
-3200	-675	-2.0	-1.0	2.0	-1.0	10.0	-26.0	-19.0	-70.0	984.9
-3200	-650	-1.0	-1.0	2.0	-1.0	9.0	-26.0	-18.0	-71.0	972.7
-3200	-625	-2.0	1.0	3.0	1.0	14.0	-24.0	-9.0	-70.0	983.3
-3200	-600	-2.0	-1.0	2.0	-1.0	11.0	-24.0	-15.0	-71.0	1021.2
-3200	-575	-2.0	-1.0	1.0	-2.0	8.0	-27.0	-18.0	-71.0	1086.5
-3200	-550	-1.0	0.0	2.0	0.0	11.0	-23.0	-10.0	-70.0	1116.3
-3200	-525	-1.0	0.0	2.0	0.0	15.0	-20.0	-2.0	-70.0	1113.8
-3200	-500	-1.0	0.0	3.0	1.0	16.0	-20.0	0.0	-69.0	1143.9
-3200	-475	-1.0	-1.0	2.0	0.0	11.0	-24.0	-9.0	-69.0	1172.9
-3200	-450	-1.0	0.0	2.0	0.0	14.0	-19.0	-2.0	-64.0	1171.1
-3200	-425	-1.0	0.0	1.0	2.0	16.0	-15.0	6.0	-56.0	1151.7
-3200	-400	-1.0	0.0	1.0	0.0	13.0	-17.0	0.0	-60.0	1137.6
-3200	-375	-2.0	0.0	1.0	-1.0	10.0	-18.0	-4.0	-56.0	1174.7
-3200	-350	-1.0	-1.0	1.0	0.0	11.0	-15.0	3.0	-51.0	1291.3
-3200	-325	-2.0	0.0	1.0	1.0	11.0	-13.0	6.0	-46.0	1260.7
-3200	-300	-1.0	0.0	1.0	1.0	12.0	-10.0	10.0	-41.0	1162.4
-3200	-275	-2.0	0.0	1.0	1.0	10.0	-11.0	7.0	-41.0	1063.9
-3200	-250	-2.0	0.0	1.0	0.0	10.0	-10.0	7.0	-36.0	1021.1
-3200	-225	-1.0	0.0	1.0	0.0	10.0	-11.0	7.0	-38.0	969.4
-3200	-200	-2.0	0.0	1.0	1.0	11.0	-7.0	12.0	-35.0	930.7
-3200	-175	-2.0	0.0	1.0	3.0	13.0	-5.0	17.0	-30.0	904.0
-3200	-150	-2.0	0.0	1.0	2.0	12.0	-7.0	12.0	-37.0	893.3
-3200	-125	-2.0	0.0	0.0	2.0	12.0	-7.0	14.0	-36.0	874.5
-3200	-100	-2.0	0.0	1.0	3.0	12.0	-6.0	15.0	-35.0	858.3
-3200	-75	-2.0	0.0	1.0	3.0	12.0	-5.0	14.0	-32.0	842.6
-3200	-50	-2.0	0.0	0.0	-1.0	8.0	-12.0	3.0	-36.0	846.6
-3200	-25	-2.0	-1.0	0.0	-1.0	5.0	-15.0	-5.0	-40.0	850.5
-3200	0	-2.0	2.0	1.0	-1.0	5.0	-17.0	-7.0	-41.0	865.1
-3200	25	-2.0	-1.0	1.0	0.0	6.0	-13.0	-2.0	-34.0	867.0
-3200	50	-1.0	0.0	2.0	2.0	10.0	-7.0	9.0	-27.0	828.0

-3200	75	-2.0	1.0	2.0	5.0	15.0	0.0	20.0	-21.0	810.2
-3200	100	-1.0	2.0	3.0	7.0	20.0	10.0	35.0	-15.0	816.7
-3200	125	0.0	1.0	3.0	7.0	19.0	10.0	35.0	-14.0	820.2
-3200	150	2.0	3.0	3.0	5.0	17.0	5.0	26.0	-15.0	800.2
-3200	175	-1.0	0.0	2.0	3.0	13.0	0.0	16.0	-19.0	797.2
-3200	200	-1.0	1.0	2.0	1.0	10.0	-6.0	8.0	-24.0	799.4
-3200	225	-1.0	1.0	3.0	1.0	9.0	-10.0	2.0	-29.0	812.4
-3200	250	-1.0	0.0	3.0	2.0	11.0	-7.0	9.0	-26.0	819.3
-3200	275	-1.0	1.0	3.0	4.0	15.0	-5.0	14.0	-26.0	816.0
-3200	300	-1.0	1.0	3.0	4.0	17.0	-6.0	14.0	-32.0	813.7
-3200	325	-2.0	2.0	4.0	5.0	17.0	-7.0	17.0	-35.0	798.2
-3200	350	0.0	1.0	5.0	6.0	19.0	-5.0	19.0	-35.0	802.6
-3200	375	-1.0	1.0	4.0	5.0	16.0	-6.0	15.0	-34.0	802.4
-3200	400	-1.0	1.0	3.0	1.0	9.0	-13.0	1.0	-34.0	814.8
-3200	425	-1.0	-1.0	1.0	-3.0	1.0	-17.0	11.0	-29.0	825.7
-3200	450	-1.0	-1.0	1.0	-4.0	-2.0	-16.0	-16.0	-34.0	825.0
-3200	475	-1.0	-2.0	1.0	-4.0	-3.0	-16.0	-17.0	-32.0	883.6
-3200	500	1.0	-1.0	2.0	-3.0	2.0	-15.0	-10.0	-30.0	934.0
-3200	525	1.0	-1.0	2.0	0.0	8.0	-8.0	6.0	-24.0	994.4
-3200	550	0.0	1.0	4.0	6.0	16.0	-12.0	24.0	-15.0	910.7
-3200	575	-1.0	2.0	5.0	8.0	21.0	10.0	34.0	-5.0	825.6
-3200	600	-2.0	1.0	5.0	6.0	16.0	0.0	21.0	-17.0	794.5
-3200	625	-1.0	2.0	5.0	4.0	14.0	-2.0	17.0	-18.0	790.5
-3200	650	-1.0	0.0	4.0	3.0	12.0	-2.0	17.0	-18.0	774.9
-3200	675	0.0	1.0	3.0	3.0	11.0	-3.0	14.0	-16.0	768.8
-3200	700	-1.0	0.0	3.0	3.0	11.0	-2.0	15.0	-15.0	765.4
-3200	725	-1.0	0.0	2.0	2.0	10.0	-2.0	14.0	-21.0	767.5
-3200	750	-1.0	1.0	2.0	5.0	12.0	7.0	24.0	-3.0	770.5
-3200	775	-1.0	1.0	2.0	5.0	13.0	9.0	26.0	1.0	773.5
-3200	800	0.0	1.0	2.0	6.0	15.0	14.0	34.0	6.0	773.8
-3200	825	-1.0	1.0	2.0	8.0	17.0	18.0	40.0	14.0	782.7
-3100	-725	-1.0	1.0	3.0	4.0	20.0	-11.0	17.0	-52.0	1440.6
-3100	-700	-1.0	-1.0	2.0	1.0	15.0	-16.0	6.0	-54.0	1174.8
-3100	-675	-1.0	0.0	2.0	0.0	13.0	-17.0	3.0	-54.0	1018.6
-3100	-650	0.0	0.0	2.0	0.0	13.0	-17.0	4.0	-51.0	965.1
-3100	-625	-1.0	0.0	2.0	0.0	13.0	-16.0	5.0	-51.0	967.8
-3100	-600	-1.0	0.0	2.0	1.0	14.0	-13.0	6.0	-49.0	1013.6
-3100	-575	-1.0	0.0	2.0	1.0	13.0	-13.0	10.0	-46.0	1103.2
-3100	-550	0.0	1.0	2.0	2.0	17.0	-7.0	19.0	-41.0	1198.9
-3100	-525	0.0	1.0	2.0	3.0	17.0	-5.0	24.0	-37.0	1232.7
-3100	-500	0.0	1.0	2.0	3.0	16.0	-6.0	16.0	-38.0	1216.5
-3100	-475	0.0	1.0	2.0	2.0	16.0	-7.0	15.0	-39.0	1172.8
-3100	-450	0.0	0.0	2.0	3.0	16.0	-4.0	20.0	-30.0	1129.8
-3100	-425	0.0	1.0	2.0	3.0	16.0	-3.0	21.0	-29.0	1164.0
-3100	-400	0.0	0.0	2.0	3.0	15.0	-1.0	21.0	-26.0	1289.3
-3100	-375	-1.0	0.0	2.0	2.0	14.0	-3.0	20.0	-27.0	1421.7
-3100	-350	-1.0	0.0	2.0	3.0	12.0	-4.0	19.0	-25.0	1508.8
-3100	-325	-1.0	0.0	2.0	1.0	11.0	-6.0	15.0	-30.0	1536.6
-3100	-300	-1.0	-1.0	1.0	0.0	9.0	-7.0	9.0	-31.0	1350.3
-3100	-275	0.0	0.0	-1.0	1.0	7.0	-11.0	4.0	-34.0	1050.7
-3100	-250	-1.0	-1.0	2.0	0.0	7.0	-10.0	4.0	-31.0	912.5
-3100	-225	-1.0	0.0	1.0	1.0	9.0	-6.0	10.0	-26.0	911.4
-3100	-200	-1.0	0.0	1.0	2.0	10.0	-1.0	15.0	-19.0	936.8
-3100	-175	-1.0	0.0	0.0	2.0	13.0	1.0	20.0	-20.0	921.2
-3100	-150	-1.0	1.0	1.0	5.0	15.0	8.0	30.0	-9.0	884.7
-3100	-125	-1.0	2.0	1.0	6.0	18.0	12.0	36.0	-5.0	878.0
-3100	-100	-1.0	2.0	1.0	6.0	18.0	11.0	35.0	-10.0	871.1
-3100	-75	-1.0	1.0	-1.0	5.0	14.0	4.0	25.0	-15.0	878.9
-3100	-50	-1.0	0.0	1.0	1.0	10.0	-5.0	11.0	-25.0	888.9
-3100	-25	-1.0	0.0	1.0	0.0	8.0	-7.0	7.0	-25.0	880.5

-3100	0	-1.0	0.0	1.0	-1.0	6.0	-9.0	0.0	-26.0	899.2
-3100	25	-1.0	0.0	1.0	-1.0	6.0	-10.0	0.0	-26.0	879.5
-3100	50	-1.0	0.0	1.0	0.0	6.0	-10.0	3.0	-30.0	842.3
-3100	75	-1.0	0.0	1.0	2.0	11.0	-4.0	16.0	-21.0	834.0
-3100	100	-1.0	1.0	1.0	2.0	13.0	-5.0	17.0	-27.0	815.9
-3100	125	-1.0	0.0	2.0	2.0	12.0	-6.0	13.0	-30.0	817.5
-3100	150	-1.0	0.0	2.0	1.0	10.0	-12.0	5.0	-36.0	806.2
-3100	175	-1.0	0.0	2.0	1.0	11.0	-11.0	6.0	-36.0	801.5
-3100	200	-1.0	0.0	2.0	1.0	11.0	-12.0	5.0	-39.0	804.5
-3100	225	-1.0	1.0	3.0	3.0	15.0	-9.0	11.0	-36.0	816.7
-3100	250	-1.0	1.0	4.0	4.0	19.0	-10.0	15.0	-41.0	814.5
-3100	275	-1.0	2.0	5.0	5.0	21.0	-7.0	19.0	-42.0	801.1
-3100	300	-1.0	1.0	5.0	7.0	24.0	-6.0	24.0	-44.0	799.7
-3100	325	-1.0	1.0	5.0	7.0	25.0	-8.0	21.0	-50.0	793.0
-3100	350	-1.0	1.0	5.0	5.0	21.0	-10.0	16.0	-51.0	811.6
-3100	375	-2.0	1.0	2.0	-1.0	7.0	-19.0	-7.0	-48.0	832.2
-3100	400	-1.0	-1.0	1.0	-5.0	-4.0	-24.0	-21.0	-44.0	837.4
-3100	425	-1.0	-3.0	-1.0	-10.0	-14.0	-29.0	-35.0	-44.0	838.4
-3100	450	-1.0	-3.0	-2.0	-11.0	-16.0	-29.0	-35.0	-44.0	884.0
-3100	475	-1.0	-3.0	-3.0	-11.0	-16.0	-28.0	-36.0	-42.0	1031.8
-3100	500	-1.0	-2.0	0.0	-5.0	-4.0	-24.0	-24.0	-49.0	1062.9
-3100	525	0.0	1.0	4.0	0.0	10.0	-24.0	-7.0	-52.0	1052.0
-3100	550	0.0	2.0	6.0	4.0	18.0	-13.0	10.0	-44.0	898.0
-3100	575	-2.0	2.0	6.0	6.0	20.0	-2.0	27.0	-25.0	827.6
-3100	600	0.0	2.0	6.0	5.0	18.0	-3.0	23.0	-25.0	794.8
-3100	625	0.0	3.0	4.0	6.0	18.0	5.0	30.0	-10.0	797.4
-3100	650	0.0	2.0	4.0	8.0	18.0	11.0	37.0	4.0	785.4
-3100	675	-1.0	1.0	3.0	4.0	13.0	1.0	22.0	-14.0	789.2
-3100	700	0.0	1.0	3.0	4.0	13.0	3.0	22.0	-9.0	786.5
-3100	725	-1.0	1.0	2.0	3.0	12.0	0.0	18.0	-17.0	780.2
-3100	750	-1.0	1.0	2.0	3.0	11.0	2.0	20.0	-15.0	790.6
-3100	775	-1.0	1.0	-2.0	0.0	7.0	-8.0	7.0	-27.0	786.3
-3100	800	0.0	-3.0	7.0	-2.0	12.0	-14.0	6.0	-35.0	777.1
-3000	-675	0.0	1.0	2.0	3.0	8.0	-3.0	8.0	-36.0	1169.6
-3000	-650	-1.0	0.0	3.0	5.0	18.0	-1.0	25.0	-20.0	1096.6
-3000	-625	0.0	1.0	2.0	4.0	15.0	-3.0	20.0	-29.0	1022.4
-3000	-600	-2.0	1.0	2.0	2.0	14.0	-5.0	16.0	-31.0	1025.7
-3000	-575	0.0	0.0	2.0	1.0	12.0	-9.0	11.0	-34.0	1107.5
-3000	-550	-1.0	0.0	2.0	2.0	12.0	-6.0	14.0	-29.0	1279.9
-3000	-525	-1.0	0.0	2.0	3.0	14.0	-2.0	19.0	-25.0	1452.3
-3000	-500	0.0	0.0	2.0	3.0	13.0	-2.0	20.0	-25.0	1436.4
-3000	-475	1.0	1.0	2.0	3.0	14.0	1.0	24.0	-21.0	1246.1
-3000	-450	0.0	0.0	2.0	3.0	14.0	0.0	22.0	-19.0	1205.9
-3000	-425	0.0	1.0	2.0	3.0	12.0	-1.0	20.0	-21.0	1310.2
-3000	-400	0.0	0.0	2.0	1.0	10.0	-4.0	15.0	-25.0	1348.4
-3000	-375	0.0	0.0	2.0	1.0	9.0	-5.0	11.0	-24.0	1367.5
-3000	-350	0.0	0.0	1.0	1.0	9.0	-5.0	12.0	-21.0	1484.9
-3000	-325	-1.0	0.0	1.0	1.0	8.0	-7.0	8.0	-25.0	1507.3
-3000	-300	-1.0	0.0	1.0	1.0	8.0	-5.0	9.0	-20.0	1379.9
-3000	-275	-1.0	0.0	1.0	2.0	9.0	0.0	15.0	-15.0	1100.6
-3000	-250	-1.0	0.0	1.0	1.0	8.0	-2.0	14.0	-18.0	911.8
-3000	-225	-1.0	0.0	1.0	2.0	9.0	0.0	15.0	-12.0	882.9
-3000	-200	-1.0	0.0	1.0	2.0	9.0	0.0	17.0	-16.0	899.8
-3000	-175	-1.0	0.0	1.0	3.0	11.0	3.0	22.0	-7.0	924.3
-3000	-150	-1.0	0.0	1.0	4.0	12.0	5.0	23.0	-10.0	904.2
-3000	-125	-1.0	0.0	1.0	4.0	13.0	5.0	25.0	-16.0	902.7
-3000	-100	-1.0	1.0	1.0	4.0	14.0	6.0	27.0	-9.0	895.6
-3000	-75	-1.0	0.0	1.0	2.0	10.0	-2.0	16.0	-20.0	899.1
-3000	-50	-1.0	-1.0	1.0	-1.0	6.0	-11.0	1.0	-30.0	886.5
-3000	-25	-1.0	-2.0	0.0	-2.0	3.0	-15.0	-6.0	-35.0	919.0

-3000	0	-1.0	-1.0	0.0	-3.0	-2.0	-16.0	-11.0	-36.0	967.7
-3000	25	-1.0	-1.0	-1.0	-2.0	3.0	-15.0	-6.0	-35.0	924.4
-3000	50	-1.0	0.0	1.0	0.0	8.0	-9.0	7.0	-28.0	874.9
-3000	75	-1.0	0.0	2.0	2.0	14.0	-4.0	19.0	-36.0	843.4
-3000	100	-1.0	1.0	2.0	3.0	16.0	-8.0	17.0	-40.0	839.7
-3000	125	-1.0	0.0	2.0	1.0	14.0	-14.0	5.0	-49.0	829.5
-3000	150	-1.0	0.0	2.0	-1.0	7.0	-20.0	8.0	-55.0	823.9
-3000	175	-1.0	-1.0	2.0	-2.0	6.0	-23.0	-11.0	-55.0	821.4
-3000	200	0.0	-1.0	2.0	-3.0	5.0	-25.0	-5.0	-58.0	847.5
-3000	225	-1.0	0.0	3.0	-1.0	7.0	-24.0	-11.0	-49.0	830.8
-3000	250	-1.0	0.0	4.0	0.0	10.0	-24.0	-10.0	-49.0	811.9
-3000	275	-2.0	2.0	5.0	2.0	15.0	-21.0	-4.0	-61.0	807.7
-3000	300	0.0	1.0	6.0	3.0	17.0	-23.0	-1.0	-65.0	799.9
-3000	325	-1.0	2.0	7.0	5.0	25.0	-20.0	4.0	-70.0	802.9
-3000	350	0.0	3.0	8.0	10.0	34.0	-15.0	26.0	-71.0	785.7
-3000	375	-2.0	0.0	6.0	6.0	26.0	-14.0	18.0	-64.0	798.1
-3000	400	-1.0	-1.0	1.0	-5.0	-1.0	-24.0	-18.0	-49.0	804.3
-3000	425	-1.0	-5.0	-5.0	-15.0	-24.0	-28.0	-41.0	-37.0	819.6
-3000	450	-2.0	-8.0	-10.0	-19.0	-35.0	-29.0	-55.0	-30.0	845.5
-3000	475	-2.0	-10.0	-13.0	-20.0	-40.0	-26.0	-61.0	-26.0	929.5
-3000	500	-2.0	-10.0	-15.0	-20.0	-38.0	-26.0	-56.0	-31.0	1049.8
-3000	525	-2.0	-5.0	-6.0	-11.0	-19.0	-25.0	-37.0	-41.0	1005.2
-3000	550	0.0	-1.0	6.0	-3.0	3.0	-26.0	-19.0	-52.0	942.6
-3000	575	1.0	2.0	9.0	1.0	12.0	-22.0	-3.0	-54.0	847.1
-3000	600	1.0	3.0	10.0	5.0	20.0	-9.0	17.0	-42.0	821.9
-3000	625	1.0	4.0	9.0	4.0	20.0	-5.0	24.0	-36.0	804.8
-3000	650	2.0	2.0	7.0	5.0	19.0	-6.0	21.0	-35.0	794.0
-3000	675	1.0	3.0	6.0	5.0	8.0	-3.0	25.0	-25.0	781.3
-3000	700	1.0	2.0	5.0	4.0	16.0	-2.0	25.0	-22.0	774.9
-3000	725	0.0	1.0	4.0	0.0	10.0	-10.0	10.0	-33.0	796.1
-3000	750	0.0	1.0	3.0	-1.0	7.0	-15.0	0.0	-37.0	782.9
-3000	775	0.0	0.0	2.0	0.0	8.0	-10.0	6.0	-31.0	782.6
-3000	800	0.0	1.0	2.0	3.0	13.0	1.0	21.0	-15.0	777.2
-3000	825	0.0	2.0	3.0	8.0	18.0	17.0	40.0	6.0	730.6
-2900	-725	0.8	2.3	2.9	4.4	25.0	-10.0	26.5	-55.0	1283.0
-2900	-700	-0.6	0.3	3.1	5.0	24.8	-6.9	24.6	-51.9	1293.0
-2900	-675	-0.5	0.7	2.6	3.9	22.9	-6.0	26.0	-46.5	1147.0
-2900	-650	-0.2	-0.4	2.4	2.4	19.6	-7.7	20.5	-45.0	1022.0
-2900	-625	1.1	1.1	2.7	2.9	19.3	-6.9	21.5	-42.3	986.0
-2900	-600	1.3	1.5	3.5	2.2	17.4	-8.0	13.0	-45.7	1018.0
-2900	-575	0.1	0.3	2.9	2.1	17.1	-6.5	19.9	-37.9	1004.0
-2900	-550	0.3	0.7	3.5	3.5	18.9	-2.0	26.6	-32.7	1180.0
-2900	-525	0.5	-0.5	2.5	3.6	19.4	2.3	31.8	-25.5	1443.0
-2900	-500	1.4	1.9	2.1	5.3	20.8	7.3	37.4	-20.2	1473.0
-2900	-475	0.9	-0.6	2.3	3.7	19.1	4.0	34.0	-22.0	1246.0
-2900	-450	1.7	2.2	3.1	4.9	19.7	7.4	37.8	-15.2	1174.0
-2900	-425	2.1	-0.2	3.6	3.3	17.1	2.5	29.1	-20.0	1306.0
-2900	-400	-0.2	0.7	1.6	1.4	12.0	-3.6	16.7	-27.0	1241.0
-2900	-375	1.1	0.6	1.7	1.1	10.8	-5.2	14.8	-27.3	1148.0
-2900	-350	1.4	0.1	1.3	1.2	10.4	-4.8	14.8	-25.8	1156.0
-2900	-325	0.2	0.6	0.9	1.1	9.9	-3.0	15.3	-22.7	1090.0
-2900	-300	0.3	-0.7	1.0	0.8	9.4	-4.1	15.2	-23.0	1123.0
-2900	-275	0.4	0.7	0.3	1.7	10.2	-0.9	18.7	-19.1	980.0
-2900	-250	0.5	0.1	0.5	2.4	10.8	0.9	21.3	-15.2	918.0
-2900	-225	0.5	0.2	1.1	2.3	12.4	3.2	23.6	-14.1	900.0
-2900	-200	0.4	0.4	0.6	2.1	11.3	0.4	21.4	-16.6	885.0
-2900	-175	-0.3	1.3	0.7	2.9	12.4	3.7	25.2	-14.4	883.0
-2900	-150	-0.9	1.0	1.2	3.8	15.6	7.7	30.9	-12.5	898.0
-2900	-125	-0.1	0.7	0.7	5.6	17.3	10.8	37.6	-7.1	913.0
-2900	-100	-0.5	0.7	1.5	4.1	16.0	3.9	28.5	-17.8	878.0

-2900	-75	-0.8	0.5	0.6	0.7	9.9	-8.5	9.1	-33.4	879.0
-2900	-50	-0.8	0.0	0.6	-2.0	4.7	-17.3	-4.5	-41.0	895.0
-2900	-25	-1.1	-0.3	0.1	-2.4	3.5	-17.3	-5.4	-39.4	982.0
-2900	0	-1.0	-0.4	0.5	-3.5	1.5	-20.5	-11.7	-42.2	961.0
-2900	25	-1.9	-1.1	-0.1	-3.4	0.2	-21.9	-11.7	-43.8	912.0
-2900	50	-1.0	1.2	1.6	1.6	14.7	-8.1	17.4	-38.3	903.0
-2900	75	0.5	0.3	3.0	4.4	23.6	-5.6	26.1	-47.4	898.0
-2900	100	1.5	0.8	3.5	4.3	24.4	-10.6	20.4	-55.8	874.0
-2900	125	0.2	-0.7	1.9	-1.2	11.9	-26.2	-9.7	-65.6	861.0
-2900	150	-1.5	-0.9	1.5	-3.6	5.9	-31.7	-21.8	-67.9	826.0
-2900	175	0.8	-1.7	2.1	-4.5	4.2	-33.5	-25.4	-67.5	838.0
-2900	200	0.0	0.3	2.6	-3.4	5.8	-32.6	-23.5	-67.9	837.0
-2900	225	0.0	1.5	4.3	-0.4	12.7	-29.3	-10.5	-69.1	834.0
-2900	250	0.5	0.1	5.5	1.0	18.4	-28.0	-6.5	-72.2	830.0
-2900	275	0.6	1.9	7.4	3.9	24.8	-27.3	-1.5	-77.3	828.0
-2900	300	0.5	2.2	9.5	8.0	36.1	-21.6	14.1	-77.9	807.0
-2900	325	0.0	3.5	10.2	7.7	35.8	-29.7	2.0	-86.5	802.0
-2900	350	1.6	3.9	13.0	11.4	46.5	-29.8	6.4	-96.2	805.0
-2900	375	1.2	4.9	12.0	9.8	41.2	-30.4	1.4	-93.1	809.0
-2900	400	0.4	-1.0	0.8	-6.2	-1.9	-37.0	-35.9	-63.3	816.0
-2900	425	-4.0	-7.6	-11.9	-17.1	-32.2	-33.0	-54.5	-42.3	805.0
-2900	450	-4.5	-13.7	-22.7	-24.6	-52.6	-32.9	-69.2	-27.8	831.0
-2900	475	-8.6	-15.2	-27.3	-25.0	-55.2	-29.0	-71.8	-23.5	872.0
-2900	500	-7.0	-13.9	-26.3	-24.0	-53.4	-32.1	-73.1	-26.6	986.0
-2900	525	-3.2	-8.3	-13.3	-18.6	-37.9	-38.7	-65.7	-39.6	981.0
-2900	550	1.4	0.4	4.8	-11.7	-14.5	-45.3	-46.9	-58.5	882.0
-2900	575	5.4	5.3	13.4	-3.3	11.2	-35.5	-14.4	-63.7	786.0
-2900	600	7.2	6.4	15.4	3.1	26.1	-23.2	10.7	-61.3	772.0
-2900	625	4.9	8.0	13.9	11.1	40.5	6.4	53.2	-31.6	783.0
-2900	650	3.9	8.5	11.5	15.3	44.7	28.1	82.0	-1.7	795.0
-2900	675	4.0	6.0	8.4	13.3	38.7	26.3	75.0	0.9	789.0
-2900	700	1.0	3.0	6.2	8.2	29.3	11.5	49.1	-20.6	781.0
-2900	725	0.8	2.7	5.4	9.5	29.9	19.1	57.5	-7.5	782.0
-2900	750	0.9	2.1	4.3	6.7	24.3	7.6	40.7	-20.5	778.0
-2900	775	1.4	0.5	3.1	0.2	14.0	-12.5	10.1	-45.2	754.0
-2900	800	0.5	1.4	3.0	-1.0	12.7	-16.8	3.7	-50.1	753.0
-2900	825	1.2	0.2	3.5	-0.7	13.3	-17.2	5.5	-50.6	737.0
-2800	-725	-0.8	0.4	1.9	0.5	17.7	-21.0	4.7	-69.0	1011.0
-2800	-700	-0.5	0.7	1.9	0.1	16.4	-20.6	0.5	-68.4	993.0
-2800	-675	0.4	-0.7	1.5	1.0	16.9	-16.8	6.8	-62.3	974.0
-2800	-650	-0.4	-0.5	1.1	0.3	15.5	-15.0	9.0	-58.1	932.0
-2800	-625	0.8	0.4	1.5	0.1	13.8	-15.5	7.1	-55.1	897.0
-2800	-600	1.4	-0.1	1.2	0.0	13.1	-14.3	10.2	-51.1	907.0
-2800	-575	0.0	-0.7	1.1	-0.9	10.6	-15.3	7.2	-49.7	949.0
-2800	-550	-0.6	0.0	1.1	-0.3	11.4	-12.1	10.0	-45.7	1005.0
-2800	-525	0.9	-0.9	1.0	-0.5	10.1	-12.2	9.2	-42.8	1062.0
-2800	-500	0.3	-0.9	0.3	-0.8	7.7	-14.2	6.2	-42.7	1104.0
-2800	-475	-0.7	-1.6	0.8	-0.9	7.4	-14.0	5.3	-41.4	1090.0
-2800	-450	-0.4	0.6	0.6	-0.6	7.9	-11.5	6.9	-38.7	1098.0
-2800	-425	1.1	-0.9	1.0	-1.0	7.6	-12.0	4.2	-40.1	1126.0
-2800	-400	-0.1	-1.1	0.1	-0.6	7.2	-10.6	6.7	-35.9	1084.0
-2800	-375	-1.5	-0.8	0.3	-0.3	7.7	-9.1	8.8	-32.7	1039.0
-2800	-350	1.1	-0.7	0.6	1.2	9.5	-3.8	16.1	-24.3	1008.0
-2800	-325	-1.2	-0.4	1.1	1.4	10.4	-1.9	17.6	-22.4	1047.0
-2800	-300	-1.1	1.1	0.3	2.1	10.1	0.2	20.7	-16.6	996.0
-2800	-275	-1.0	0.9	0.4	3.7	12.6	7.3	29.8	-4.7	982.0
-2800	-250	0.9	1.1	1.2	3.5	12.9	7.2	28.6	-5.9	979.0
-2800	-225	-0.4	0.6	0.6	4.0	13.2	8.1	30.3	-3.4	974.0
-2800	-200	0.3	1.0	0.7	3.6	13.0	6.5	27.6	-8.7	941.0
-2800	-175	-1.5	0.9	0.6	5.1	14.9	10.5	33.2	-4.2	916.0

-2800	-150	0.5	1.5	1.4	6.8	18.1	16.8	43.8	5.5	923.0
-2800	-125	0.2	0.8	1.1	4.6	16.0	9.5	35.5	-7.3	897.0
-2800	-100	0.8	1.9	1.4	4.6	17.1	9.3	37.3	-8.6	871.0
-2800	-75	-1.5	0.9	1.0	3.6	16.0	4.3	31.8	-16.4	872.0
-2800	-50	-1.8	0.3	0.5	2.1	12.8	-3.3	19.9	-28.8	873.0
-2800	-25	-0.4	-0.6	-0.3	-1.2	7.2	-14.2	4.6	-39.2	890.0
-2800	0	0.0	-2.0	-0.3	-4.7	0.2	-25.8	-17.8	-52.4	960.0
-2800	25	0.5	-0.6	0.3	-3.5	2.0	-25.7	-13.3	-53.2	898.0
-2800	50	-0.8	0.1	0.2	-3.0	5.0	-25.7	-15.5	-62.1	861.0
-2800	75	-1.2	-0.9	1.3	-2.3	8.8	-24.5	-7.6	-63.4	848.0
-2800	100	-1.2	-1.6	0.1	-5.6	1.0	-30.2	-24.7	-66.5	844.0
-2800	125	-0.7	-3.8	-0.2	-9.9	-7.1	-34.7	-30.0	-64.2	823.0
-2800	150	0.3	-3.2	-0.7	-11.0	-11.3	-37.2	-38.4	-64.1	822.0
-2800	175	0.0	-1.2	0.2	-9.2	-5.9	-34.2	-30.1	-63.4	817.0
-2800	200	0.1	-0.6	2.2	-5.6	0.2	-34.6	-25.7	-70.1	815.0
-2800	225	0.9	-0.2	4.6	-3.4	7.3	-35.9	-23.9	-78.4	809.0
-2800	250	0.0	-0.1	6.6	2.0	16.7	-33.8	-12.4	-80.2	810.0
-2800	275	0.5	2.6	9.1	3.1	19.8	-35.3	-10.4	-81.5	819.0
-2800	300	1.0	1.9	10.0	4.2	21.5	-36.3	-7.9	-84.1	817.0
-2800	325	3.4	3.0	12.3	5.6	25.9	-38.0	-6.1	-83.7	822.0
-2800	350	2.9	4.7	15.3	9.3	34.0	-39.7	-3.9	-94.0	826.0
-2800	375	2.2	5.7	15.7	10.1	37.5	-38.6	1.4	-96.0	823.0
-2800	400	-1.5	-2.3	-1.3	-3.1	1.7	-32.0	-25.1	-69.0	831.0
-2800	425	-12.2	-13.5	-23.9	-15.1	-29.0	-21.6	-40.6	-41.1	833.0
-2800	450	-19.1	-18.8	-34.2	-18.9	-43.7	-19.7	-55.0	-32.5	847.0
-2800	475	-22.0	-20.3	-38.3	-19.8	-48.3	-20.6	-59.7	-29.1	922.0
-2800	500	-19.3	-18.4	-37.5	-20.7	-49.7	-23.1	-35.8	-19.7	1325.0
-2800	525	-14.0	-14.4	-23.5	-18.3	-40.3	-30.6	-67.7	-40.1	1100.0
-2800	550	1.0	-2.6	0.9	-12.5	-19.0	-44.8	-56.0	-61.4	902.0
-2800	575	8.0	2.5	12.8	-10.5	-4.3	-47.8	-41.5	-72.0	827.0
-2800	600	7.8	3.7	14.3	-5.0	9.3	-40.0	-20.4	-77.4	795.0
-2800	625	6.0	3.3	11.6	-3.7	11.2	-35.4	-17.1	-74.1	763.0
-2800	650	4.7	3.1	10.2	1.2	18.1	-23.6	6.9	-64.2	755.0
-2800	675	2.7	4.0	8.8	5.3	26.3	-7.1	35.0	-45.1	786.0
-2800	700	2.4	3.5	8.0	7.2	29.3	0.9	49.1	-33.4	782.0
-2800	725	1.5	3.6	5.9	6.7	26.6	2.9	43.6	-32.0	774.0
-2800	750	2.2	2.1	6.3	8.5	27.9	6.1	54.3	-23.2	746.0
-2800	775	2.0	4.1	5.2	7.8	26.2	6.6	49.3	-22.1	747.0
-2800	800	0.9	1.2	3.4	0.9	12.9	-11.4	15.2	-43.4	724.0
-2800	825	1.7	-1.6	2.8	-3.9	4.5	-22.7	-7.2	-54.9	717.0
-2700	-725	-1.1	0.0	0.7	0.2	12.4	-13.6	11.4	-53.2	944.0
-2700	-700	0.6	-1.6	1.4	-2.0	8.1	-18.4	0.6	-55.0	889.0
-2700	-675	-0.1	-1.9	0.4	-2.7	5.9	-20.8	-2.1	-56.6	867.0
-2700	-650	-1.0	0.0	-0.1	-3.2	4.0	-21.1	-3.1	-54.3	858.0
-2700	-625	-1.7	-1.8	0.1	-3.8	2.1	-22.2	-8.0	-54.5	865.0
-2700	-600	0.3	-2.2	0.2	-3.8	1.9	-20.9	-7.6	-52.0	891.0
-2700	-575	-0.8	-1.2	-0.1	-3.6	1.7	-19.7	-6.5	-49.7	952.0
-2700	-550	-1.4	-1.7	-0.1	-3.5	2.1	-18.8	-2.8	-46.8	1036.0
-2700	-525	-1.7	-0.4	-0.2	-2.4	4.1	-14.6	5.7	-40.0	1134.0
-2700	-500	-1.4	-0.8	-0.4	-2.4	3.1	-13.7	1.8	-39.1	1190.0
-2700	-475	-1.3	-0.8	-0.3	-1.4	4.7	-11.5	6.8	-33.8	1198.0
-2700	-450	-0.5	-0.5	0.1	-1.1	5.2	-9.3	9.3	-30.7	1239.0
-2700	-425	-1.2	0.5	-0.4	-0.4	5.8	-6.4	11.2	-25.3	1199.0
-2700	-400	-0.2	0.6	0.4	0.0	6.4	-4.9	15.8	-20.9	1036.0
-2700	-375	-1.1	-0.1	0.2	1.0	7.4	-1.8	17.5	-16.7	1000.0
-2700	-350	-0.7	0.2	-0.9	1.2	6.9	-0.6	18.3	-13.5	992.0
-2700	-325	-1.7	0.6	-0.4	1.6	7.1	0.2	20.1	-10.6	982.0
-2700	-300	-0.8	-0.5	-0.2	1.3	6.7	1.1	17.9	-9.9	988.0
-2700	-275	-1.2	-0.7	-0.4	0.6	5.0	-2.5	15.0	-14.8	991.0
-2700	-250	-1.2	-1.5	-0.4	0.6	5.6	-2.7	15.8	-16.9	998.0

-2700	-225	-1.3	-0.3	-0.4	0.3	5.2	-3.8	14.7	-18.4	1008.0
-2700	-200	-0.5	0.1	0.5	0.3	6.5	-5.3	13.1	-21.1	996.0
-2700	-175	-1.3	-0.7	0.2	-0.3	5.3	-5.8	11.7	-23.4	952.0
-2700	-150	0.0	-0.7	-0.2	-0.2	6.3	-7.0	13.1	-26.1	928.0
-2700	-125	-1.1	-0.3	-0.3	-0.3	5.8	-8.4	10.7	-28.6	900.0
-2700	-100	-0.2	-0.2	-0.5	-1.9	4.7	-12.0	7.1	-34.7	876.0
-2700	-75	-0.1	0.1	0.1	-1.1	5.0	-12.6	5.0	-37.1	866.0
-2700	-50	0.6	-0.9	0.5	-2.8	4.3	-16.8	1.7	-40.3	860.0
-2700	-25	-0.8	-1.0	0.7	-1.9	5.7	-16.6	1.9	-43.3	880.0
-2700	0	0.1	0.1	1.6	-0.4	9.5	-15.4	8.1	-45.3	913.0
-2700	25	-0.9	0.4	0.9	0.1	11.9	-15.7	10.3	-49.6	899.0
-2700	50	0.3	-0.9	0.6	-2.7	6.6	-16.5	4.1	-49.7	877.0
-2700	75	-1.1	-3.3	-1.9	-9.8	-11.5	-24.6	-17.6	-43.8	849.0
-2700	100	-0.1	-2.7	-3.8	-13.5	-19.0	-26.4	-30.6	-40.7	828.0
-2700	125	-0.9	-5.0	-4.6	-16.3	-24.9	-29.6	-40.3	-41.7	821.0
-2700	150	-1.2	-5.3	-4.7	-16.6	-25.5	-29.7	-41.9	-41.6	822.0
-2700	175	-0.7	-2.7	-2.3	-11.6	-14.6	-26.3	-25.3	-45.5	824.0
-2700	200	0.4	0.7	4.1	-0.1	13.8	-24.9	-2.6	-66.3	818.0
-2700	225	0.1	3.2	9.1	9.1	27.2	-26.4	6.2	-76.0	836.0
-2700	250	1.7	2.2	9.1	5.2	21.2	-29.5	-3.1	-74.0	826.0
-2700	275	0.5	2.1	8.3	3.3	15.3	-30.8	-9.3	-70.6	827.0
-2700	300	1.9	3.0	8.6	2.0	15.4	-30.7	-6.4	-67.0	837.0
-2700	325	1.9	2.5	9.4	1.8	13.9	-34.2	-12.1	-70.5	868.0
-2700	350	5.2	2.9	13.7	2.1	16.9	-37.8	-12.0	-75.8	874.0
-2700	375	-2.0	-2.6	2.5	-2.1	5.8	-32.0	-18.7	-69.5	845.0
-2700	400	-18.4	-9.2	-21.6	-7.3	-21.0	-22.1	-35.1	-46.6	843.0
-2700	425	-26.1	-11.1	-31.0	-8.9	-33.2	-20.1	-48.5	-39.8	896.0
-2700	450	-27.7	-11.8	-35.8	-13.4	-45.2	-22.3	-59.1	-34.0	864.0
-2700	475	-29.5	-11.8	-38.7	-16.2	-51.8	-23.2	-64.5	-28.8	919.0
-2700	500	-24.6	-13.5	-35.4	-18.3	-52.3	-26.2	-69.5	-30.7	1073.0
-2700	525	-9.1	-9.2	-18.5	-19.8	-39.7	-35.6	-68.6	-42.9	1122.0
-2700	550	4.9	-5.2	0.5	-20.7	-32.2	-47.4	-71.7	-52.3	969.0
-2700	575	8.6	-3.6	6.2	-16.9	-18.7	-46.7	-55.9	-61.8	872.0
-2700	600	8.1	1.2	12.6	-7.1	4.8	-43.6	-36.4	-77.0	814.0
-2700	625	8.5	3.5	15.4	-1.2	16.7	-38.8	-13.1	-79.9	780.0
-2700	650	5.6	3.2	13.6	2.9	24.4	-26.3	9.4	-69.5	734.0
-2700	675	5.0	3.5	11.8	6.1	29.4	-17.5	26.8	-61.0	714.0
-2700	700	5.9	5.2	11.4	8.0	33.3	-7.8	40.0	-51.9	707.0
-2700	725	2.7	3.0	8.8	6.6	30.1	-8.8	38.3	-49.9	701.0
-2700	750	2.2	1.8	7.1	5.1	24.6	-9.8	26.7	-52.1	704.0
-2700	775	1.2	0.9	5.1	0.6	14.2	-20.9	11.4	-58.3	731.0
-2700	800	2.0	0.1	4.7	-3.6	6.6	-26.8	-6.1	-61.2	731.0
-2700	825	1.1	0.3	3.0	-5.3	0.2	-30.1	-20.4	-62.2	722.0
-2600	-725	-1.5	-0.5	0.9	0.4	7.2	-5.6	15.0	-24.8	860.0
-2600	-700	-0.1	-0.8	1.3	0.2	7.5	-6.1	15.2	-26.0	847.0
-2600	-675	0.4	0.5	1.3	1.1	8.7	-2.4	16.9	-18.4	865.0
-2600	-650	0.4	-0.7	1.0	2.2	8.9	-0.4	21.0	-14.9	906.0
-2600	-625	0.4	-0.2	1.1	2.9	9.5	1.9	22.2	-9.9	948.0
-2600	-600	0.4	1.4	0.6	2.5	9.0	2.6	23.1	-8.8	1067.0
-2600	-575	0.0	-0.4	0.6	3.0	9.9	3.8	24.9	-5.5	1147.0
-2600	-550	-0.8	0.7	0.7	3.1	9.5	5.7	25.5	-1.2	1237.0
-2600	-525	1.0	1.1	0.8	3.1	8.9	4.9	23.3	-2.0	1314.0
-2600	-500	-0.7	-0.6	0.9	2.3	7.3	2.9	19.5	-3.7	1294.0
-2600	-475	1.0	-1.3	0.5	1.4	7.1	1.1	18.1	-8.4	1484.0
-2600	-450	-0.8	-0.6	0.5	2.0	6.6	1.7	16.5	-6.5	1476.0
-2600	-425	1.1	0.4	0.8	1.4	7.3	0.7	17.5	-6.3	1022.0
-2600	-400	-0.1	-0.3	0.4	1.0	6.2	-0.8	17.0	-10.2	977.0
-2600	-375	0.5	-1.1	0.8	1.4	7.3	-0.7	16.9	-10.7	1060.0
-2600	-350	0.6	0.0	0.3	1.9	6.3	3.8	18.1	-2.3	968.0
-2600	-325	0.4	0.5	0.4	3.0	7.6	6.2	22.0	1.9	939.0

-2600	-300	-1.1	0.3	0.2	2.5	6.2	3.8	17.5	-1.4	1015.0
-2600	-275	-0.2	-0.5	0.4	1.6	6.5	1.1	18.0	-7.8	942.0
-2600	-250	-0.8	1.3	-0.4	1.8	6.3	2.9	14.8	-4.8	1011.0
-2600	-225	-1.2	0.7	-0.2	1.9	6.7	1.9	16.4	-6.3	1004.0
-2600	-200	-1.4	-0.5	-0.1	-0.2	4.6	-4.7	10.7	-19.0	1017.0
-2600	-175	0.1	1.0	0.2	0.0	5.5	-5.5	11.9	-20.7	956.0
-2600	-150	-0.6	-0.4	-0.1	1.1	7.7	-1.4	17.1	-15.4	947.0
-2600	-125	-0.7	0.8	0.2	2.7	9.4	3.4	21.8	-10.0	933.0
-2600	-100	-0.9	0.6	-0.1	1.2	8.1	-2.3	19.1	-17.8	918.0
-2600	-75	-0.5	1.0	0.1	0.9	7.3	-4.5	14.8	-21.2	887.0
-2600	-50	-0.2	-0.2	-0.1	-0.1	6.9	-7.5	11.8	-26.6	890.0
-2600	-25	-1.1	0.3	0.3	-1.1	5.1	-11.3	3.7	-33.4	915.0
-2600	0	-0.8	-0.6	0.2	-0.5	6.4	-12.2	4.0	-36.5	953.0
-2600	25	0.3	0.8	1.7	1.1	11.1	-9.8	12.3	-37.1	934.0
-2600	50	-0.4	-0.3	1.0	3.1	13.1	-0.8	25.4	-22.2	883.0
-2600	75	0.3	-0.5	-1.5	-3.5	-2.6	-11.3	-0.6	-26.7	881.0
-2600	100	-0.5	-2.0	-3.6	-8.0	-13.9	-17.7	-24.5	-30.1	850.0
-2600	125	-0.5	-4.4	-6.3	-13.7	-21.0	-25.5	-34.2	-36.2	839.0
-2600	150	0.0	-5.2	-5.7	-14.6	-22.6	-29.0	-39.9	-42.0	853.0
-2600	175	-0.3	-5.6	-5.6	-13.4	-20.3	-30.3	-38.0	-44.3	866.0
-2600	200	-1.7	-2.2	-0.5	-7.0	-5.4	-28.4	-22.9	-54.5	869.0
-2600	225	0.2	1.1	4.2	-0.8	10.1	-26.6	-6.2	-60.5	870.0
-2600	250	0.1	0.4	5.7	2.0	14.5	-22.8	1.2	-58.4	891.0
-2600	275	0.5	3.2	6.3	4.1	19.1	-16.5	13.0	-49.4	960.0
-2600	300	1.2	1.9	5.6	5.5	22.3	-14.2	19.4	-49.0	991.0
-2600	325	1.2	4.3	7.1	9.9	33.1	-1.3	41.4	-39.6	1007.0
-2600	350	1.4	4.4	8.2	16.0	45.0	13.8	72.0	-25.7	907.0
-2600	375	3.2	5.2	8.8	12.3	38.9	0.6	50.4	-40.8	861.0
-2600	400	1.5	1.8	7.2	2.6	16.5	-24.2	0.9	-59.2	912.0
-2600	425	2.1	1.2	6.5	-4.3	1.3	-36.9	-27.8	-65.3	885.0
-2600	450	-8.5	-8.8	-15.2	-18.6	-39.8	-34.3	-64.6	-41.0	919.0
-2600	475	-20.0	-16.8	-36.2	-21.7	-56.3	-24.1	-74.2	-27.5	1165.0
-2600	500	-25.3	-18.2	-40.2	-20.6	-58.5	-22.4	-78.4	-27.3	2083.0
-2600	525	-25.4	-15.3	-38.2	-18.8	-54.5	-22.9	-69.0	-26.0	1680.0
-2600	550	-20.4	-15.4	-32.1	-17.9	-49.9	-24.8	-69.5	-30.1	1202.0
-2600	575	-15.1	-13.8	-26.0	-19.5	-47.5	-30.0	-68.8	-34.8	1036.0
-2600	600	3.4	-0.3	5.6	-8.8	-6.4	-36.3	-32.3	-62.1	1010.0
-2600	625	11.4	4.3	16.2	-7.2	5.6	-43.4	-27.9	-73.0	1001.0
-2600	650	11.3	4.3	17.0	0.3	21.0	-28.7	4.2	-65.8	817.0
-2600	675	9.5	6.0	17.6	10.2	42.0	-6.8	46.8	-49.6	740.0
-2600	700	7.1	7.1	15.9	14.5	49.3	4.1	70.5	-43.8	715.0
-2600	725	6.6	8.6	14.3	16.3	52.2	10.5	79.2	-37.7	702.0
-2600	750	3.7	6.5	12.1	17.4	52.4	19.8	95.0	-20.2	697.0
-2600	775	3.2	5.5	10.2	12.3	40.8	5.7	62.8	-37.5	705.0
-2600	800	0.7	3.8	8.4	6.1	28.7	-9.1	33.9	-51.8	704.0
-2600	825	3.5	0.9	6.2	-0.6	12.6	-24.6	1.0	-62.7	726.0
-2500	-725	-0.3	0.8	0.2	2.1	6.5	3.6	17.1	-1.4	911.0
-2500	-700	0.4	1.5	0.7	2.1	6.5	2.9	15.7	-2.2	853.0
-2500	-675	-1.1	0.0	0.0	3.0	5.7	6.8	17.0	4.4	870.0
-2500	-650	-1.3	0.8	0.3	4.9	7.6	12.2	22.7	17.2	995.0
-2500	-625	0.1	1.1	-0.2	4.1	7.0	11.1	20.7	14.7	1024.0
-2500	-600	0.0	1.1	0.0	4.4	7.4	11.8	20.5	15.9	1005.0
-2500	-575	-0.6	1.2	0.1	3.6	6.6	9.7	18.2	11.7	1074.0
-2500	-550	1.4	0.8	0.6	2.0	5.9	4.1	15.9	1.4	1330.0
-2500	-525	-0.9	-0.6	-0.1	1.9	5.2	3.9	12.8	2.1	1279.0
-2500	-500	0.5	-0.3	0.9	0.6	4.2	-2.1	9.2	-11.2	1211.0
-2500	-475	-1.2	-0.4	0.0	0.3	3.6	-2.0	8.2	-10.5	1746.0
-2500	-450	0.0	-0.3	0.9	-0.1	4.0	-3.8	8.8	-13.7	1361.0
-2500	-425	-1.2	-1.5	-0.6	-0.5	3.0	-5.1	6.9	-16.0	1405.0
-2500	-400	-0.8	-1.1	0.0	0.0	3.7	-3.9	9.0	-14.6	893.0

-2500	-375	-0.8	-0.9	-0.1	-0.6	2.8	-5.6	6.9	-17.2	1025.0
-2500	-350	-0.7	0.8	-0.1	1.6	6.0	3.5	16.2	-1.9	1018.0
-2500	-325	-0.6	-0.5	-0.9	0.9	3.8	-0.4	11.3	-9.4	958.0
-2500	-300	0.2	-0.7	-0.6	-0.2	4.0	-3.9	8.4	-15.0	1008.0
-2500	-275	-0.8	-0.5	-1.0	0.4	4.2	-2.3	11.3	-12.4	999.0
-2500	-250	-0.8	0.3	-1.2	0.9	4.6	-0.1	13.2	-9.9	958.0
-2500	-225	-2.3	0.5	-0.3	0.4	4.6	-2.5	10.8	-14.9	971.0
-2500	-200	-1.3	0.4	-0.8	-0.3	4.2	-4.5	9.3	-17.7	963.0
-2500	-175	-1.3	1.4	-0.6	1.9	6.6	1.8	17.3	-7.9	943.0
-2500	-150	-0.4	0.6	0.5	5.3	11.4	12.5	30.8	10.2	971.0
-2500	-125	-1.6	2.3	-0.6	4.7	10.4	10.0	28.9	4.5	931.0
-2500	-100	-1.8	0.1	0.0	3.9	10.3	7.7	27.2	1.0	895.0
-2500	-75	-1.0	0.5	0.8	3.1	10.5	5.4	24.5	-3.2	903.0
-2500	-50	-1.1	-0.5	-0.3	0.3	6.3	-5.4	10.1	-21.5	902.0
-2500	-25	-1.5	-0.9	0.6	-0.8	4.5	-10.3	3.7	-30.3	948.0
-2500	0	-1.3	-2.5	-0.3	-3.3	1.3	-17.8	-6.6	-40.3	999.0
-2500	25	-1.8	-0.7	0.2	-2.2	2.8	-15.7	-3.8	-38.9	997.0
-2500	50	-1.0	-0.2	0.5	-0.8	6.6	-12.3	3.9	-35.2	943.0
-2500	75	-0.2	-0.3	-0.6	-1.3	4.5	-10.0	5.3	-32.9	914.0
-2500	100	-0.8	-1.6	-1.4	-2.7	3.3	-12.6	4.1	-37.3	887.0
-2500	125	-2.5	-1.5	-2.0	-4.1	-0.9	-17.9	-6.2	-43.0	888.0
-2500	150	-0.9	-2.5	-1.2	-6.4	-3.9	-23.5	-14.4	-47.5	876.0
-2500	175	0.1	-2.1	-0.3	-5.3	-1.4	-22.1	-12.0	-48.0	853.0
-2500	200	-1.3	-1.3	0.3	-4.5	-0.8	-23.2	-11.6	-48.6	881.0
-2500	225	-1.1	-0.9	0.9	-5.2	-2.3	-30.5	-23.1	-59.4	858.0
-2500	250	-0.7	0.3	1.4	-2.1	5.4	-24.7	-8.6	-56.8	821.0
-2500	275	-0.7	0.2	1.9	1.9	14.9	-12.9	14.7	-43.4	846.0
-2500	300	-0.8	2.5	3.5	8.8	25.9	5.5	43.1	-19.8	851.0
-2500	325	-0.3	4.2	4.2	12.2	31.6	15.6	57.5	-6.4	877.0
-2500	350	0.3	4.9	5.1	14.9	37.4	22.1	68.9	-1.4	815.0
-2500	375	-0.3	4.4	6.1	20.3	45.7	37.4	91.7	20.2	775.0
-2500	400	-0.3	4.8	6.1	16.0	39.8	23.8	72.3	1.6	788.0
-2500	425	0.0	1.6	5.1	4.9	16.9	-8.3	18.5	-33.9	806.0
-2500	450	2.1	-1.3	2.3	-6.5	-5.2	-28.5	-24.3	-48.7	850.0
-2500	475	-0.6	-2.3	-3.2	-11.6	-19.0	-29.8	-39.2	-43.4	910.0
-2500	500	-5.7	-8.3	-13.4	-15.0	-29.3	-27.0	-47.1	-37.5	994.0
-2500	525	-7.1	-8.6	-18.0	-16.8	-36.1	-29.0	-56.7	-39.5	1211.0
-2500	550	-9.1	-8.4	-15.3	-12.4	-25.4	-27.5	-45.6	-45.2	1825.0
-2500	575	-6.6	-3.6	-7.8	-3.1	-5.4	-24.6	-23.2	-55.2	1113.0
-2500	600	-4.4	-2.4	-2.0	-2.8	0.6	-28.9	-20.4	-61.5	945.0
-2500	625	0.5	-3.2	0.4	-15.3	-24.3	-44.1	-57.8	-58.0	898.0
-2500	650	4.6	-1.1	4.0	-16.7	-24.1	-45.1	-60.7	-54.8	882.0
-2500	675	4.5	-1.9	4.4	-17.0	-27.1	-43.4	-56.4	-50.4	878.0
-2500	700	3.8	-3.9	0.8	-18.0	-28.6	-35.5	-50.9	-39.2	850.0
-2500	725	3.3	-3.3	-2.0	-15.4	-24.5	-27.4	-41.0	-34.5	933.0
-2500	750	3.6	-0.3	4.3	-1.3	8.8	-8.2	15.1	-28.5	960.0
-2500	775	5.1	8.1	15.4	18.6	53.2	15.0	90.0	-23.5	769.0
-2500	800	8.6	9.8	19.7	22.6	66.7	19.4	102.3	-29.4	793.0
-2500	825	10.0	8.4	21.4	18.7	61.9	5.2	85.3	-51.7	780.0
-2400	-725	-0.4	1.4	0.0	3.1	5.3	8.7	14.3	10.3	852.0
-2400	-700	-0.1	-0.3	0.2	1.6	4.7	3.7	12.5	0.6	871.0
-2400	-675	1.3	0.7	0.2	2.0	4.7	4.2	13.1	2.6	893.0
-2400	-650	-0.4	0.5	0.0	2.4	5.0	5.7	13.1	5.7	1028.0
-2400	-625	1.1	1.3	1.1	2.4	5.8	6.2	14.2	6.5	1084.0
-2400	-600	1.0	0.9	1.4	2.4	6.4	4.8	14.4	3.8	972.0
-2400	-575	1.8	0.2	1.4	1.5	5.6	2.9	13.2	1.2	1029.0
-2400	-550	-0.4	0.8	1.3	1.2	5.0	1.9	12.5	-2.0	1326.0
-2400	-525	0.5	-0.4	0.8	1.1	4.6	0.9	10.8	-4.4	1074.0
-2400	-500	0.6	0.0	0.6	-0.4	3.5	-3.7	8.3	-12.5	1215.0
-2400	-475	-0.1	-0.5	0.8	-0.8	3.1	-4.4	7.3	-14.3	1567.0

-2400	-450	-0.2	0.4	-0.2	-1.5	1.5	-8.2	3.1	-20.8	990.0
-2400	-425	-0.2	-0.2	0.6	-0.7	3.3	-6.0	5.8	-17.7	1291.0
-2400	-400	0.3	-1.1	0.6	-0.4	3.9	-5.1	8.5	-16.6	1109.0
-2400	-375	-0.1	-0.2	-0.2	-0.3	3.2	-4.1	8.4	-14.7	1108.0
-2400	-350	-1.7	0.2	0.2	-0.3	3.1	-5.1	7.6	-16.8	1048.0
-2400	-325	-0.8	-0.3	0.2	-0.5	3.5	-4.9	8.6	-16.9	903.0
-2400	-300	0.3	0.6	0.4	-0.9	3.9	-6.5	8.7	-20.5	885.0
-2400	-275	0.8	0.2	0.5	-1.5	3.7	-8.6	6.8	-24.6	909.0
-2400	-250	1.0	-0.2	0.4	-0.6	4.4	-5.6	9.7	-19.6	974.0
-2400	-225	-1.0	-1.1	0.2	-2.0	3.8	-9.6	5.3	-26.7	970.0
-2400	-200	-0.8	1.0	0.1	-1.3	3.9	-9.4	6.5	-27.6	925.0
-2400	-175	-0.6	-0.6	0.6	1.2	7.5	-0.7	16.9	-14.6	951.0
-2400	-150	-1.4	1.0	0.4	4.1	11.2	9.4	29.3	3.1	905.0
-2400	-125	0.5	0.5	0.3	4.6	11.8	8.8	29.6	1.2	906.0
-2400	-100	0.6	-0.2	0.5	1.7	8.5	-0.2	18.3	-16.2	898.0
-2400	-75	-0.4	0.3	0.5	0.5	7.8	-3.8	15.3	-20.4	897.0
-2400	-50	0.6	0.3	0.7	1.6	9.2	-2.7	17.4	-17.8	935.0
-2400	-25	-0.4	-0.4	0.4	-0.1	6.9	-7.3	9.9	-26.1	985.0
-2400	0	-0.5	0.1	0.2	-2.8	3.3	-16.0	-1.4	-41.1	978.0
-2400	25	-0.6	0.0	0.6	-1.9	4.8	-13.0	4.3	-34.6	1006.0
-2400	50	-1.2	-0.4	0.5	-1.3	5.6	-12.1	5.7	-36.5	940.0
-2400	75	1.1	0.7	2.5	4.9	20.4	5.6	30.6	-16.5	926.0
-2400	100	0.5	-0.1	2.1	2.4	16.2	-1.2	26.5	-26.6	931.0
-2400	125	0.4	-1.3	0.8	-1.1	8.2	-13.0	7.5	-38.0	876.0
-2400	150	0.6	0.5	0.4	-2.5	4.6	-17.8	-3.0	-43.1	878.0
-2400	175	-1.1	0.3	1.9	0.9	12.2	-6.4	17.9	-28.2	895.0
-2400	200	-0.5	-0.2	1.9	3.1	15.5	-3.5	24.2	-26.2	893.0
-2400	225	0.1	-1.3	1.7	0.1	11.2	-13.1	10.5	-36.4	838.0
-2400	250	0.0	-0.5	3.0	2.0	14.0	-11.8	12.0	-38.8	816.0
-2400	275	1.2	2.5	3.8	7.6	24.4	3.6	38.1	-19.0	804.0
-2400	300	-1.0	1.9	3.9	10.3	31.7	13.8	52.9	-14.1	840.0
-2400	325	-0.7	3.2	4.7	14.2	40.6	26.9	74.8	0.7	855.0
-2400	350	0.2	4.1	5.6	15.5	45.8	31.6	82.1	1.4	795.0
-2400	375	0.1	3.8	6.3	12.5	43.3	16.2	67.6	-25.4	865.0
-2400	400	0.8	3.5	6.9	16.7	49.4	26.5	84.5	-14.1	858.0
-2400	425	0.4	0.9	5.2	5.6	29.5	-7.4	28.1	-50.0	802.0
-2400	450	1.4	-0.6	2.2	-3.6	5.7	-29.6	-16.6	-59.6	785.0
-2400	475	1.0	-2.4	0.0	-12.0	-14.6	-42.7	-46.8	-57.7	803.0
-2400	500	-0.1	-4.2	-2.3	-15.9	-25.4	-44.6	-56.6	-51.8	820.0
-2400	525	1.5	-5.0	-2.1	-15.4	-25.7	-43.9	-53.8	-49.4	837.0
-2400	550	0.8	-3.2	-2.7	-16.3	-27.9	-45.7	-58.9	-51.7	846.0
-2400	575	-0.1	-2.3	1.2	-10.6	-11.5	-43.7	-44.4	-57.9	865.0
-2400	600	0.2	0.3	5.5	-4.4	0.5	-42.0	-32.7	-64.0	881.0
-2400	625	1.9	2.0	8.7	2.5	18.5	-31.3	-4.2	-62.2	878.0
-2400	650	2.6	5.8	13.3	11.3	39.6	-15.0	30.6	-53.7	940.0
-2400	675	2.3	7.3	15.3	18.9	52.6	9.7	63.0	-26.1	973.0
-2400	700	5.0	9.3	17.6	25.6	60.9	34.5	88.3	14.6	993.0
-2400	725	7.0	11.1	21.1	28.8	67.7	46.9	101.7	33.7	1649.0
-2400	750	10.0	12.6	23.3	33.4	73.6	63.7	102.3	62.9	325.0
-2400	775	8.6	11.8	21.4	30.6	66.8	55.3	101.2	48.6	1867.0
-2400	800	-3.3	-10.1	-18.3	-21.1	-43.8	-29.6	-60.7	-25.9	565.0
-2400	825	-17.5	-18.7	-37.1	-24.0	-64.1	-23.3	-76.2	-12.8	1115.0
-2300	-725	-1.1	0.1	-0.9	1.0	3.3	1.2	9.6	-2.9	807.0
-2300	-700	0.2	0.0	0.2	1.0	4.0	1.4	10.0	-2.9	819.0
-2300	-675	-0.4	-0.1	-0.5	0.7	3.4	0.1	8.9	-5.2	865.0
-2300	-650	0.5	0.8	0.1	0.5	3.6	0.0	10.1	-5.2	1000.0
-2300	-625	-1.6	-0.2	-0.4	1.0	3.0	0.6	9.1	-4.9	1248.0
-2300	-600	0.0	0.1	-0.6	1.0	3.3	1.4	9.5	-2.4	1036.0
-2300	-575	-0.8	0.4	0.2	0.8	3.7	0.8	10.5	-3.5	999.0
-2300	-550	0.9	-0.8	0.4	0.3	4.0	-1.3	9.2	-7.3	1206.0

-2300	-525	0.5	-1.6	-0.1	-0.4	2.7	-3.6	6.9	-12.3	995.0
-2300	-500	-0.8	-0.8	-0.4	-0.5	2.5	-4.9	5.8	-13.8	1307.0
-2300	-475	-0.3	-0.8	0.2	-1.8	1.9	-8.4	2.1	-20.8	1602.0
-2300	-450	-1.0	-0.6	-0.5	-2.3	1.5	-10.9	-0.1	-24.9	1052.0
-2300	-425	-0.8	0.1	-0.3	-2.5	1.2	-9.9	-2.1	-23.5	1054.0
-2300	-400	0.1	-1.7	1.1	-1.0	3.3	-6.2	5.4	-18.8	1056.0
-2300	-375	-0.7	-0.3	-0.7	1.8	5.5	4.2	16.8	0.5	1028.0
-2300	-350	-0.1	0.2	-0.7	1.0	5.1	1.1	15.0	-6.4	1008.0
-2300	-325	-1.3	-0.3	-0.3	0.6	6.0	-0.7	16.6	-10.8	946.0
-2300	-300	0.0	0.6	0.0	1.1	7.7	0.7	18.8	-9.1	935.0
-2300	-275	-1.6	-0.7	-0.6	1.1	6.4	0.9	17.3	-10.7	961.0
-2300	-250	-0.6	-0.7	-0.3	-0.5	5.1	-4.7	12.0	-19.3	951.0
-2300	-225	-1.0	-1.0	-0.5	-3.3	0.0	-14.7	-4.3	-36.3	1011.0
-2300	-200	-0.5	-0.5	0.1	-0.8	5.7	-6.9	10.6	-24.8	960.0
-2300	-175	-0.5	0.8	0.0	1.0	7.3	-2.2	14.7	-21.7	965.0
-2300	-150	-1.3	-0.7	0.3	0.2	8.5	-3.8	17.5	-22.1	894.0
-2300	-125	-0.9	-1.8	0.4	1.4	8.4	-2.7	18.1	-21.1	899.0
-2300	-100	-0.1	-0.6	0.5	0.1	7.3	-5.5	15.1	-24.7	940.0
-2300	-75	-0.6	-1.5	0.1	-0.1	6.7	-9.0	7.7	-31.0	932.0
-2300	-50	0.4	-0.5	0.2	-2.5	5.4	-13.8	2.9	-37.5	941.0
-2300	-25	-0.6	-0.3	0.1	2.0	10.6	-1.3	20.2	-20.5	941.0
-2300	0	-1.6	0.1	0.9	3.2	12.7	0.6	23.8	-18.3	1037.0
-2300	25	-0.1	0.2	0.2	4.2	13.8	4.9	29.1	-11.6	968.0
-2300	50	-1.0	2.6	0.8	11.9	24.1	28.0	58.1	15.5	865.0
-2300	75	-0.5	2.1	2.1	10.2	29.7	26.1	54.5	5.8	874.0
-2300	100	0.0	0.6	1.7	4.7	20.2	2.8	35.0	-22.5	980.0
-2300	125	0.2	-1.8	1.1	-1.6	8.8	-17.0	2.1	-46.0	987.0
-2300	150	-1.3	-0.9	0.4	-3.4	4.4	-23.6	-8.2	-50.7	946.0
-2300	175	-0.1	-1.9	0.9	-5.1	2.3	-28.3	-15.2	-55.7	856.0
-2300	200	0.1	-0.5	0.8	-4.9	2.2	-32.1	-18.0	-63.2	811.0
-2300	225	-0.2	-1.3	1.8	-1.1	12.8	-17.7	5.0	-54.3	804.0
-2300	250	-0.1	0.2	2.7	3.0	24.7	-4.5	35.4	-44.9	803.0
-2300	275	-0.3	1.9	3.5	3.5	23.3	-10.4	26.6	-52.1	807.0
-2300	300	-0.2	0.0	2.7	-0.1	16.4	-20.2	5.3	-61.1	794.0
-2300	325	-0.5	-1.1	2.6	-2.8	10.9	-27.5	-8.9	-65.2	798.0
-2300	350	-0.6	-2.4	1.3	-7.0	-0.5	-40.3	-35.4	-72.2	820.0
-2300	375	0.0	-3.2	0.8	-8.2	-4.1	-42.0	-39.0	-70.2	817.0
-2300	400	0.5	-2.1	1.6	-7.0	-1.9	-39.3	-34.5	-69.9	813.0
-2300	425	0.0	-0.1	2.4	-4.4	6.3	-30.1	-13.1	-63.9	800.0
-2300	450	-0.2	0.3	2.3	-2.0	10.7	-22.2	0.9	-57.7	783.0
-2300	475	0.1	-1.5	1.8	-3.6	6.7	-24.1	-4.3	-55.7	796.0
-2300	500	0.7	0.4	3.1	0.0	12.4	-15.8	10.9	-48.7	794.0
-2300	525	1.1	1.3	4.0	6.2	25.7	3.4	40.9	-28.9	799.0
-2300	550	1.0	2.7	4.7	7.6	26.0	5.9	45.3	-19.2	809.0
-2300	575	-0.1	1.4	3.7	2.6	15.7	-11.5	16.2	-35.1	854.0
-2300	600	-0.1	1.7	4.7	1.9	15.6	-15.9	7.6	-43.9	855.0
-2300	625	-0.3	1.6	5.7	5.7	24.3	-7.3	22.6	-35.3	910.0
-2300	650	1.0	2.9	6.7	5.6	24.7	-11.6	21.4	-45.2	967.0
-2300	675	1.8	4.2	8.1	7.3	27.7	-5.2	28.7	-34.0	863.0
-2300	700	2.8	2.9	9.5	10.3	32.6	3.6	42.7	-23.2	877.0
-2300	725	3.5	7.8	10.9	17.7	42.0	32.3	67.7	23.7	919.0
-2300	750	5.9	6.2	15.0	17.8	47.5	24.5	72.8	8.4	905.0
-2300	775	8.3	9.1	19.7	21.5	56.4	32.8	83.3	19.6	889.0
-2300	800	13.8	16.4	31.4	31.7	79.0	52.6	102.3	45.8	856.0
-2300	825	24.2	25.4	50.5	44.8	102.3	63.4	102.3	46.9	946.0
-2200	-725	-1.3	-1.1	-0.3	-2.1	0.5	-9.6	0.3	-23.6	832.0
-2200	-700	0.0	-0.7	-0.3	-1.7	0.9	-8.6	0.8	-22.8	821.0
-2200	-675	-0.4	-1.4	0.1	-1.6	1.2	-8.8	1.4	-22.1	874.0
-2200	-650	-0.2	-1.6	0.4	-1.2	2.7	-7.5	5.1	-20.1	1049.0
-2200	-625	-1.4	0.7	-1.1	-1.0	1.7	-5.8	4.1	-15.8	989.0

-2200	-600	-0.8	0.7	-0.3	1.5	3.6	3.0	10.7	0.2	1028.0
-2200	-575	-1.9	0.3	-0.5	1.1	3.3	2.7	10.7	0.6	1083.0
-2200	-550	0.2	1.2	0.0	0.7	3.7	1.0	10.4	-3.2	947.0
-2200	-525	-0.9	-0.2	0.7	0.6	3.5	0.2	9.1	-4.7	941.0
-2200	-500	0.3	0.5	-0.5	0.0	2.7	-2.2	6.9	-9.0	1237.0
-2200	-475	-0.1	0.3	0.1	-0.9	2.6	-5.4	3.6	-16.1	1385.0
-2200	-450	-1.0	-1.7	-0.6	-2.0	1.3	-7.6	2.1	-18.2	1127.0
-2200	-425	-0.5	-0.5	0.1	-2.1	1.4	-8.7	1.0	-21.5	961.0
-2200	-400	-0.2	-0.9	-0.1	-1.4	2.3	-7.0	3.2	-19.5	1026.0
-2200	-375	-1.0	-0.8	-0.4	-0.2	3.1	-3.6	8.1	-13.4	978.0
-2200	-350	-1.4	-0.6	-0.3	0.0	5.0	-1.9	12.7	-10.8	1051.0
-2200	-325	-0.9	0.3	0.1	2.3	6.4	4.1	20.7	-2.3	934.0
-2200	-300	-0.3	0.8	0.3	2.1	8.5	4.3	24.7	-3.6	918.0
-2200	-275	1.4	0.8	0.6	3.6	10.9	7.4	30.5	-1.8	913.0
-2200	-250	-0.6	1.5	0.1	2.2	9.9	1.2	24.6	-13.8	932.0
-2200	-225	-0.4	-0.6	0.0	-1.1	6.0	-8.5	10.8	-29.5	924.0
-2200	-200	-0.1	-0.2	0.2	-3.3	2.4	-17.4	-2.9	-43.4	920.0
-2200	-175	-0.7	-1.3	0.2	-4.9	-0.4	-23.3	-11.6	-51.8	951.0
-2200	-150	-1.6	-2.0	-0.2	-4.6	0.4	-23.1	-11.7	-54.7	934.0
-2200	-125	6.4	0.9	0.4	-2.7	5.5	-18.6	-0.7	-51.7	896.0
-2200	-100	-1.3	-0.9	0.6	-2.4	7.0	-19.0	-0.1	-55.4	872.0
-2200	-75	0.2	-1.1	0.5	-2.3	8.0	-19.6	-1.0	-58.9	976.0
-2200	-50	-0.5	-1.1	0.6	-2.0	8.1	-20.1	-2.6	-59.5	1006.0
-2200	-25	-0.3	-1.3	-0.2	0.1	6.9	-21.8	-8.7	-61.5	1029.0
-2200	0	-0.2	-1.6	0.0	-6.1	-0.8	-31.1	-26.1	-64.9	977.0
-2200	25	-1.7	0.1	0.3	-3.3	4.0	-23.6	-10.5	-59.7	1136.0
-2200	50	-0.6	-0.1	0.8	-2.2	7.8	-20.2	0.9	-57.2	1099.0
-2200	75	-0.5	-0.6	1.1	-3.8	3.8	-24.4	-3.9	-58.0	991.0
-2200	100	0.4	0.5	2.7	-0.9	14.4	-16.3	6.9	-51.6	919.0
-2200	125	0.3	1.0	2.1	-1.2	11.2	-19.9	3.7	-53.0	849.0
-2200	150	-1.0	-1.4	1.5	-2.3	8.5	-24.2	-4.3	-56.6	812.0
-2200	175	0.0	-2.2	1.1	-4.2	3.9	-30.6	-15.6	-62.8	802.0
-2200	200	-0.4	-0.3	1.9	-2.4	10.7	-24.5	-3.7	-60.8	812.0
-2200	225	-0.7	0.5	2.5	3.3	24.2	-8.5	27.6	-53.0	818.0
-2200	250	1.3	-0.9	0.1	0.2	16.3	-19.5	10.7	-59.5	806.0
-2200	275	1.7	-0.6	2.2	-1.9	11.8	-24.5	-3.3	-62.7	800.0
-2200	300	1.1	-0.4	2.5	0.6	17.2	-17.7	10.5	-57.1	789.0
-2200	325	0.7	0.1	3.3	3.9	24.9	-8.3	28.7	-50.8	789.0
-2200	350	-0.3	1.0	3.2	3.2	22.8	-10.6	25.0	-52.0	809.0
-2200	375	1.4	1.4	3.2	3.8	25.1	-7.1	31.1	-49.7	829.0
-2200	400	-0.7	1.7	3.4	5.1	27.4	-2.8	36.9	-46.2	823.0
-2200	425	0.5	2.1	3.7	3.1	23.8	-8.1	28.6	-49.4	824.0
-2200	450	0.7	0.0	3.0	3.0	21.2	-8.1	24.2	-45.5	794.0
-2200	475	0.6	1.8	3.1	2.9	18.7	-7.9	21.1	-43.3	784.0
-2200	500	-0.4	1.3	2.8	1.0	13.6	-13.6	11.8	-44.6	779.0
-2200	525	1.0	-0.1	1.9	-3.5	3.9	-25.5	-8.5	-51.3	780.0
-2200	550	-1.0	-0.6	2.2	-2.4	6.8	-22.0	-4.9	-47.8	778.0
-2200	575	1.0	-1.0	3.8	0.0	10.5	-22.5	-1.5	-49.1	800.0
-2200	600	1.3	0.5	3.8	-2.2	8.8	-28.9	-10.0	-56.6	829.0
-2200	625	-0.1	-0.5	4.0	-0.4	11.8	-24.3	-3.2	-54.0	865.0
-2200	650	1.4	2.6	5.6	4.0	19.2	-11.0	16.0	-37.4	871.0
-2200	675	0.8	1.9	6.2	7.6	25.4	1.1	30.8	-19.7	904.0
-2200	700	5.2	4.9	10.3	10.5	33.1	12.6	46.9	-2.1	820.0
-2200	725	4.0	4.3	9.2	13.8	36.0	22.2	54.3	12.8	788.0
-2200	750	5.0	7.7	12.4	18.4	44.9	32.7	70.0	24.5	836.0
-2200	775	7.3	7.7	16.0	22.1	54.3	37.7	84.4	25.2	897.0
-2200	800	7.5	7.9	17.4	18.6	52.7	24.9	75.1	8.7	852.0
-2200	825	1.9	-5.7	-4.2	-14.2	-24.9	-27.4	-36.9	-26.8	878.0
-2100	-1050	-1.0	-0.6	-0.1	-1.8	1.6	-8.2	5.1	-22.1	1099.0
-2100	-1025	0.7	-2.3	-0.1	-2.9	0.7	-12.6	-0.6	-29.1	1068.0

-2100	-1000	-0.4	-0.3	0.1	-2.4	0.1	-12.8	-1.4	-29.8	1136.0
-2100	-975	0.0	-0.6	-0.1	-2.8	0.9	-11.8	0.3	-27.2	1078.0
-2100	-950	-1.7	-0.7	0.5	-2.5	0.9	-12.0	-0.1	-28.7	973.0
-2100	-925	-0.4	-0.9	0.7	-2.8	0.8	-13.2	-1.6	-29.7	883.0
-2100	-900	0.8	-2.2	1.2	-1.2	2.7	-8.1	4.4	-21.9	879.0
-2100	-875	0.1	0.2	1.5	-1.3	3.1	-9.3	4.2	-24.5	919.0
-2100	-850	1.9	-0.6	-0.7	-0.7	2.3	-7.1	4.7	-19.6	915.0
-2100	-825	-0.7	0.1	-0.1	0.0	3.1	-2.7	7.7	-11.7	878.0
-2100	-800	0.7	-0.6	-0.2	2.9	4.6	7.1	12.2	9.3	786.0
-2100	-775	0.3	-0.3	0.5	5.2	6.7	15.8	18.9	25.4	818.0
-2100	-750	-0.9	0.4	-0.6	4.8	5.5	15.6	17.5	25.8	1088.0
-2100	-725	-0.8	0.6	-0.3	6.7	6.6	22.7	20.7	40.1	942.0
-2100	-700	-1.3	1.4	-0.8	5.2	5.4	16.1	16.0	26.1	795.0
-2100	-675	-1.1	-0.2	-0.7	2.3	3.9	5.1	10.4	4.2	811.0
-2100	-650	0.1	-0.8	0.0	0.9	2.7	-0.1	6.6	-4.7	850.0
-2100	-625	-1.5	-0.7	-0.6	0.1	2.1	-2.6	5.4	-10.1	984.0
-2100	-600	0.3	-1.2	-0.3	0.5	2.3	-0.8	5.8	-6.2	1050.0
-2100	-575	-0.7	-0.9	-1.7	0.0	1.4	-2.3	4.4	-9.0	1140.0
-2100	-550	-1.6	0.0	-0.5	0.2	2.2	-1.8	6.1	-8.5	1231.0
-2100	-525	-1.7	1.0	-0.4	1.2	3.6	2.3	9.9	-1.0	1139.0
-2100	-500	-1.6	-0.5	-0.5	1.0	3.4	1.4	8.9	-2.9	1134.0
-2100	-475	-1.1	0.4	-0.7	1.3	3.5	1.5	10.3	-3.9	1308.0
-2100	-450	-1.8	0.0	-0.9	-0.7	2.0	-5.0	5.6	-15.6	759.0
-2100	-425	0.0	-0.9	-0.7	-1.1	1.8	-5.9	4.3	-17.2	923.0
-2100	-400	-0.7	-1.4	-1.0	-1.2	0.7	-7.7	1.7	-19.6	919.0
-2100	-375	-0.9	-1.1	-0.8	-4.3	-2.8	-17.6	-10.8	-36.7	901.0
-2100	-350	-1.3	-0.8	-1.2	-4.5	-3.1	-17.3	-10.3	-35.4	946.0
-2100	-325	-2.3	-2.1	-1.4	-5.1	-3.4	-19.8	-12.3	-40.1	935.0
-2100	-300	-1.5	0.4	-1.0	-2.0	1.4	-9.8	1.6	-28.8	931.0
-2100	-275	-1.2	-0.8	-1.1	-1.3	3.1	-11.1	5.4	-33.0	955.0
-2100	-250	-1.7	-1.0	-1.0	0.2	7.1	-7.1	17.0	-33.0	916.0
-2100	-225	-1.8	0.0	0.5	1.3	13.2	-5.6	23.8	-40.1	978.0
-2100	-200	-0.9	0.4	-0.3	-2.9	3.6	-19.9	-7.2	-55.1	1040.0
-2100	-175	-0.9	-2.7	-1.3	-6.7	-4.8	-30.9	-29.2	-63.9	924.0
-2100	-150	-2.9	-3.2	-2.2	-11.3	-14.5	-40.9	-51.3	-66.0	899.0
-2100	-125	-2.2	-3.7	-1.9	-12.5	-17.8	-44.8	-55.2	-65.8	878.0
-2100	-100	-0.9	-2.9	-1.8	-11.8	-16.0	-43.2	-54.1	-67.3	880.0
-2100	-75	-1.4	-2.5	-0.6	-9.6	-9.3	-39.8	-51.4	-70.7	890.0
-2100	-50	-1.2	-2.3	-1.2	-8.9	-8.6	-40.9	-46.3	-72.7	903.0
-2100	-25	-0.7	-2.9	0.0	-7.2	-2.7	-36.6	-38.1	-73.3	954.0
-2100	0	-2.1	-1.9	0.7	-6.1	-1.2	-37.3	-36.5	-76.7	963.0
-2100	25	0.2	1.3	1.9	-0.1	15.6	-22.2	-5.0	-73.6	906.0
-2100	50	-0.6	-0.4	0.2	0.6	20.6	-17.3	11.0	-69.6	855.0
-2100	75	-1.8	-1.1	1.6	-0.8	13.8	-24.3	-4.1	-72.6	835.0
-2100	100	-1.2	1.2	2.0	2.7	18.8	-17.1	12.8	-66.3	805.0
-2100	125	-1.3	1.5	2.1	4.7	24.5	-9.9	26.5	-59.0	791.0
-2100	150	-0.3	2.1	3.0	7.5	30.3	-1.9	41.7	-44.5	786.0
-2100	175	0.2	2.0	2.8	4.5	23.0	-9.6	24.2	-55.8	813.0
-2100	200	-1.8	1.7	2.7	4.5	23.6	-9.1	31.5	-54.6	811.0
-2100	225	-1.0	3.4	2.9	8.9	31.8	2.6	53.7	-42.7	820.0
-2100	250	-0.4	0.1	2.1	2.4	17.7	-14.0	15.2	-59.3	794.0
-2100	275	-1.7	0.0	1.9	-0.8	10.6	-21.1	-4.1	-61.8	805.0
-2100	300	0.1	-0.4	1.1	-4.3	3.2	-30.2	-16.7	-67.4	799.0
-2100	325	0.1	-0.7	1.5	-3.2	6.5	-27.1	-12.0	-66.6	788.0
-2100	350	0.5	0.1	1.6	-1.5	9.5	-23.2	-6.2	-65.0	808.0
-2100	375	-1.3	-0.5	1.6	-1.8	9.9	-23.4	-4.9	-66.6	801.0
-2100	400	0.2	0.8	1.8	1.9	16.1	-15.4	12.7	-62.1	793.0
-2100	425	0.0	1.7	2.3	1.1	16.3	-15.6	15.0	-62.2	785.0
-2100	450	-0.2	-0.6	2.4	0.2	14.0	-16.8	12.6	-61.1	788.0
-2100	475	0.3	0.1	1.5	-3.8	4.7	-24.9	-9.2	-64.0	787.0

-2100	500	0.2	-1.5	1.6	-5.8	-2.5	-30.7	-23.8	-63.6	789.0
-2100	525	-0.6	-3.3	0.6	-9.0	-10.2	-37.6	-39.7	-63.9	787.0
-2100	550	-0.8	0.5	1.1	-6.5	-5.3	-32.4	-27.9	-60.8	787.0
-2100	575	-0.8	-0.6	1.9	-2.3	3.5	-21.9	-7.4	-50.6	784.0
-2100	600	-1.2	-0.2	3.2	2.1	11.8	-10.6	12.0	-36.8	810.0
-2100	625	-0.2	0.6	3.5	4.4	15.4	-5.9	21.2	-29.8	844.0
-2100	650	-1.1	3.1	4.5	7.1	20.4	0.6	31.3	-20.4	852.0
-2100	675	0.0	3.5	5.1	11.8	28.2	14.9	49.0	0.3	879.0
-2100	700	-0.5	2.8	4.9	10.2	25.3	8.8	42.0	-6.5	811.0
-2100	725	0.6	2.4	4.9	8.7	22.6	5.2	34.9	-12.9	794.0
-2100	750	0.0	3.8	5.9	9.3	25.5	2.2	35.8	-20.6	826.0
-2100	775	1.3	1.2	4.9	4.1	15.5	-7.4	17.4	-30.0	842.0
-2100	800	-0.4	-2.0	-2.9	-8.2	-11.9	-21.6	-26.1	-35.4	797.0
-2100	825	-1.9	-5.3	-9.6	-14.4	-25.9	-22.1	-39.4	-29.0	777.0
-2000	-1050	-1.0	-0.5	-0.5	-3.4	-2.3	-13.8	-5.5	-28.6	1434.0
-2000	-1025	-0.6	-0.8	1.0	-1.9	2.1	-10.7	2.5	-26.0	1351.0
-2000	-1000	-0.8	-0.4	1.4	0.2	7.2	-5.1	11.6	-22.5	1229.0
-2000	-975	-0.1	-0.3	0.8	-1.1	4.2	-9.2	4.6	-27.6	1226.0
-2000	-950	0.4	-0.8	0.5	-1.0	4.7	-8.4	6.4	-24.8	1177.0
-2000	-925	0.4	-1.1	0.5	0.7	4.9	-3.8	10.2	-15.1	973.0
-2000	-900	-0.2	-0.1	0.7	1.2	5.6	-0.8	10.6	-9.9	882.0
-2000	-875	-0.7	-0.9	1.1	1.4	5.7	1.0	11.8	-4.1	951.0
-2000	-850	0.3	0.3	0.5	2.6	5.5	5.0	12.5	3.8	964.0
-2000	-825	-0.4	0.1	-0.3	2.6	4.8	6.3	12.8	7.4	942.0
-2000	-800	0.4	1.4	0.5	3.3	5.4	9.7	13.0	14.4	851.0
-2000	-775	-1.1	0.5	-0.1	3.0	4.1	7.5	11.2	10.2	835.0
-2000	-750	0.7	0.2	0.0	3.5	4.6	10.4	12.0	17.4	785.0
-2000	-725	-1.6	-0.5	-0.9	2.1	3.0	5.4	8.7	7.0	1003.0
-2000	-700	0.2	0.3	0.0	1.5	3.4	3.4	8.3	3.0	856.0
-2000	-675	-0.9	0.6	0.0	0.8	2.7	1.5	6.4	-0.7	835.0
-2000	-650	0.2	-0.9	0.2	0.4	2.4	0.0	5.3	-3.0	877.0
-2000	-625	-0.8	0.1	-0.5	0.1	1.8	-1.9	5.2	-7.3	1204.0
-2000	-600	-0.4	-0.7	-0.4	-1.1	1.2	-4.9	1.7	-12.5	889.0
-2000	-575	-0.7	0.6	-1.0	0.8	1.9	0.6	5.0	-2.2	898.0
-2000	-550	2.2	0.1	1.0	1.0	3.5	0.3	7.1	-2.2	1025.0
-2000	-525	0.3	0.9	1.4	2.4	5.5	7.0	12.2	10.1	1042.0
-2000	-500	0.2	1.5	0.1	3.3	5.0	9.8	12.6	14.4	1060.0
-2000	-475	-0.6	-0.2	-0.4	3.8	4.6	11.9	13.5	17.6	1430.0
-2000	-450	-1.3	0.2	0.2	3.9	6.0	11.5	16.2	17.7	2302.0
-2000	-425	-0.6	2.1	0.0	4.3	6.8	12.7	19.9	19.8	565.0
-2000	-400	1.1	0.0	1.1	1.0	5.4	0.6	12.5	-5.9	609.0
-2000	-375	0.8	-0.3	1.3	-2.4	2.1	-12.2	-0.9	-28.3	688.0
-2000	-350	-1.5	-1.8	-0.6	-5.3	-4.5	-20.9	-15.6	-41.7	810.0
-2000	-325	-1.1	-1.0	-0.7	-6.1	-6.4	-24.9	-21.8	-46.7	846.0
-2000	-300	0.2	-3.1	-0.7	-7.4	-7.5	-27.8	-24.7	-49.9	871.0
-2000	-275	0.6	-0.9	-0.1	-6.1	-5.1	-26.3	-20.6	-50.0	884.0
-2000	-250	0.4	-0.4	1.3	-0.9	6.9	-8.9	13.4	-32.5	942.0
-2000	-225	-0.2	0.8	1.5	5.7	20.8	8.8	48.9	-17.2	987.0
-2000	-200	-1.9	2.2	1.5	7.1	26.3	10.6	54.9	-24.5	892.0
-2000	-175	-0.6	1.1	1.4	4.7	23.2	1.7	41.9	-37.1	892.0
-2000	-150	-0.3	-0.8	1.5	0.8	14.3	-12.2	16.3	-51.8	882.0
-2000	-125	-0.3	-2.5	0.0	-6.6	-3.7	-31.3	-20.9	-65.3	931.0
-2000	-100	-0.5	-3.3	-0.7	-7.8	-6.8	-33.9	-33.9	-63.7	993.0
-2000	-75	-0.6	-1.9	-0.7	-9.8	-11.7	-39.1	-47.3	-66.9	913.0
-2000	-50	-1.1	-2.2	0.6	-6.4	-1.5	-34.1	-28.1	-68.3	899.0
-2000	-25	0.7	0.2	1.6	-4.2	4.5	-31.8	-22.0	-73.7	908.0
-2000	0	-0.1	-2.4	1.5	-3.8	6.4	-32.3	-44.7	45.8	866.0
-2000	25	-1.1	-0.7	2.1	-0.8	13.1	-28.0	-9.8	-77.1	899.0
-2000	50	0.3	0.5	2.3	0.0	16.8	-25.5	-5.5	-78.2	855.0
-2000	75	-0.5	-1.0	2.8	0.6	16.3	-26.5	-3.7	-77.5	830.0

-2000	100	0.2	0.9	3.1	0.4	21.9	-26.2	1.2	-75.0	806.0
-2000	125	0.8	-1.3	2.8	-1.1	17.2	-29.4	-8.6	-75.1	784.0
-2000	150	0.3	1.0	0.0	0.8	15.6	-28.7	-8.3	-73.0	787.0
-2000	175	-1.1	0.3	3.3	0.9	23.1	-20.2	8.0	-68.7	805.0
-2000	200	-0.3	1.5	2.6	1.9	22.4	-19.1	11.8	-66.1	813.0
-2000	225	0.6	1.3	3.2	3.3	27.1	-12.0	23.8	-61.1	810.0
-2000	250	0.6	0.1	3.1	3.2	25.1	-13.5	20.8	-60.8	814.0
-2000	275	0.8	1.5	3.4	5.1	32.1	-3.8	37.2	-54.5	822.0
-2000	300	0.6	1.1	3.1	4.6	29.3	-5.8	33.8	-55.6	793.0
-2000	325	1.0	0.6	3.2	1.8	22.2	-15.5	15.6	-60.0	799.0
-2000	350	0.4	0.0	2.8	1.8	22.3	-15.2	17.8	-61.7	802.0
-2000	375	0.1	0.8	2.8	-0.5	17.5	-19.7	5.8	-63.8	806.0
-2000	400	-0.6	-1.8	2.1	-2.1	11.2	-26.6	-6.1	-66.7	818.0
-2000	425	0.5	-1.7	2.3	-3.0	9.4	-27.9	-6.6	-64.5	826.0
-2000	450	-1.1	-0.2	1.4	-4.2	5.5	-29.8	-16.0	-65.6	800.0
-2000	475	1.8	0.1	2.6	-3.9	8.1	-27.8	-10.3	-64.3	795.0
-2000	500	0.3	0.0	1.9	-2.7	8.7	-25.6	-2.9	-61.4	807.0
-2000	525	1.4	0.1	3.1	-0.4	13.4	-18.6	7.2	-55.8	804.0
-2000	550	-0.9	-1.0	3.0	-1.3	11.3	-21.1	4.1	-54.7	814.0
-2000	575	-0.2	-1.2	2.4	-4.0	4.9	-28.3	-13.3	-58.3	836.0
-2000	600	1.0	0.9	2.7	-1.4	9.1	-22.8	-0.2	-51.5	838.0
-2000	625	0.7	0.1	2.3	0.2	11.9	-15.8	8.4	-44.2	851.0
-2000	650	0.0	1.4	2.8	1.3	12.9	-13.7	11.0	-42.6	872.0
-2000	675	1.8	0.5	3.1	1.7	15.4	-8.8	18.2	-36.6	867.0
-2000	700	0.6	2.5	3.6	4.8	20.6	0.0	31.7	-24.4	847.0
-2000	725	-0.3	1.9	3.7	8.3	24.5	13.0	48.6	-3.2	830.0
-2000	750	0.3	1.5	3.8	7.4	22.9	11.2	42.6	-5.2	815.0
-2000	775	-0.5	2.1	2.4	2.3	13.1	-1.1	23.0	-15.7	819.0
-2000	800	1.3	-0.5	1.0	-1.4	2.8	-10.9	4.1	-24.3	818.0
-2000	825	0.5	-1.3	-0.9	-4.5	-3.0	-14.7	-8.0	-27.3	897.0
-1900	-1050	0.6	0.7	-0.5	-3.5	-2.7	-12.3	-5.4	-23.1	1616.0
-1900	-1025	-0.4	-0.4	-1.3	-4.1	-4.4	-15.7	-9.7	-28.6	1844.0
-1900	-1000	0.0	-1.2	-0.2	-4.3	-3.1	-16.4	-8.8	-32.3	1334.0
-1900	-975	0.7	-1.2	0.8	-3.2	0.6	-13.6	-3.1	-29.5	1089.0
-1900	-950	0.7	-1.2	1.2	-1.1	3.3	-7.6	4.7	-21.7	1000.0
-1900	-925	0.2	0.9	0.7	0.1	4.5	-3.4	7.5	-15.5	1054.0
-1900	-900	-0.2	1.0	1.0	2.5	6.5	4.5	14.3	1.1	1064.0
-1900	-875	1.5	0.5	0.6	3.3	6.5	6.9	15.6	5.6	1051.0
-1900	-850	0.5	-0.8	0.5	3.0	5.4	6.3	13.6	6.3	1206.0
-1900	-825	1.0	0.4	1.1	2.5	5.6	5.9	12.3	5.2	868.0
-1900	-800	1.2	0.2	0.9	3.0	5.6	7.8	11.7	11.2	830.0
-1900	-775	0.2	1.1	0.8	3.3	5.6	9.3	12.6	15.0	862.0
-1900	-750	-0.2	0.9	0.0	2.2	4.3	7.7	10.8	11.4	899.0
-1900	-725	-1.7	0.5	-0.6	2.3	3.5	5.9	8.4	7.3	779.0
-1900	-700	-0.7	-0.4	0.0	1.8	3.3	5.6	8.8	6.9	903.0
-1900	-675	0.8	0.4	-0.1	1.0	2.6	1.3	6.4	-0.9	840.0
-1900	-650	-0.3	-1.0	-0.2	-0.2	1.6	-2.0	3.5	-7.8	829.0
-1900	-625	-0.9	-0.2	0.4	-1.2	2.0	-4.5	2.8	-12.2	882.0
-1900	-600	-1.3	-1.0	0.2	-0.7	1.4	-4.6	2.5	-12.5	929.0
-1900	-575	0.2	-0.9	-0.2	0.0	2.0	-0.9	5.1	-4.5	992.0
-1900	-550	-0.5	0.1	-0.3	0.9	1.9	0.4	5.6	-3.0	1133.0
-1900	-525	0.2	0.9	-0.7	2.3	3.2	6.0	9.9	8.4	1093.0
-1900	-500	-1.1	0.3	-0.4	3.3	4.0	10.9	12.2	17.4	1068.0
-1900	-475	-0.2	1.3	-0.2	3.2	4.5	10.4	12.1	15.1	1163.0
-1900	-450	-1.0	-0.2	0.1	2.8	5.1	9.8	13.8	15.2	1451.0
-1900	-425	-0.7	0.1	-0.5	2.8	4.2	6.8	12.3	8.0	1905.0
-1900	-400	-0.8	-0.2	-1.1	1.2	2.6	2.2	10.1	-1.8	2468.0
-1900	-375	-1.3	-0.3	-0.4	-1.6	2.1	-8.4	2.2	-21.8	805.0
-1900	-350	-0.4	-1.0	0.7	-2.9	0.3	-15.1	-4.1	-32.6	620.0
-1900	-325	1.1	-2.1	0.9	-3.5	0.0	-15.7	-5.6	-34.6	743.0

-1900	-300	-1.1	0.0	-0.6	-3.8	-1.6	-15.6	-7.2	-33.5	804.0
-1900	-275	-1.2	-0.6	-0.8	-4.1	-0.9	-16.0	-5.9	-34.3	837.0
-1900	-250	-1.4	-0.4	-0.1	-2.4	1.9	-13.6	1.1	-34.6	842.0
-1900	-225	-1.2	-0.8	0.5	-0.2	7.2	-8.8	12.4	-33.6	886.0
-1900	-200	-0.8	-0.5	0.2	0.1	8.6	-9.3	13.9	-38.8	896.0
-1900	-175	-0.9	0.8	0.4	1.8	14.3	-5.6	23.9	-40.0	849.0
-1900	-150	-0.8	0.2	0.7	1.0	12.4	-12.0	13.1	-49.2	834.0
-1900	-125	-0.2	-0.2	0.5	-3.4	4.1	-25.1	-11.3	-63.0	805.0
-1900	-100	-1.6	-1.6	0.4	-5.0	0.7	-29.7	-19.5	-65.7	843.0
-1900	-75	0.6	-2.3	0.8	-5.3	2.1	-30.1	-21.1	-67.0	882.0
-1900	-50	2.2	-2.3	-0.3	-6.6	-2.7	-36.0	-36.0	-70.9	894.0
-1900	-25	0.0	-2.6	-0.1	-8.0	-5.9	-40.5	-42.4	-74.6	871.0
-1900	0	-1.2	-1.5	0.9	-6.2	-1.1	-38.1	-36.7	-75.0	863.0
-1900	25	-0.6	-0.9	1.3	-4.2	4.5	-36.3	-31.6	-80.2	876.0
-1900	50	-0.5	-1.4	0.9	-4.4	3.9	-37.6	-32.4	-80.2	880.0
-1900	75	1.6	-0.6	2.7	-3.2	11.1	-38.7	-45.1	-79.7	906.0
-1900	100	-0.8	-0.6	3.6	-1.1	18.3	-32.3	-15.7	-79.4	859.0
-1900	125	0.6	0.8	2.8	-1.2	15.5	-32.8	-16.9	-78.4	820.0
-1900	150	1.6	0.3	2.7	-2.2	13.6	-32.6	-13.7	-75.6	809.0
-1900	175	0.1	0.7	2.6	-0.2	17.5	-27.7	-6.4	-74.0	814.0
-1900	200	0.2	0.9	3.6	0.6	18.4	-24.3	-1.0	-70.0	828.0
-1900	225	-0.6	1.2	3.4	1.1	18.0	-22.1	-0.6	-68.6	805.0
-1900	250	-0.2	-0.5	3.0	-1.3	14.2	-25.6	-6.5	-67.9	809.0
-1900	275	0.1	1.1	2.1	0.2	16.6	-22.6	3.2	-64.8	826.0
-1900	300	0.5	-0.4	4.6	4.3	25.9	-10.2	23.9	-58.3	834.0
-1900	325	1.5	0.0	3.5	2.3	19.8	-16.7	13.6	-59.5	825.0
-1900	350	0.5	1.4	3.3	1.6	18.0	-19.4	10.6	-60.2	814.0
-1900	375	-0.6	-1.4	3.1	0.5	17.0	-17.9	7.8	-59.7	774.0
-1900	400	0.2	1.2	3.3	-0.1	17.5	-16.6	7.3	-58.2	797.0
-1900	425	0.0	0.4	2.6	-2.7	9.2	-24.5	-4.5	-58.5	789.0
-1900	450	-1.5	-2.3	0.8	-8.3	-5.8	-40.7	-36.3	-65.2	797.0
-1900	475	-0.4	-2.0	2.3	-4.0	3.0	-30.9	-18.6	-59.5	805.0
-1900	500	1.3	-1.0	2.7	-1.7	9.3	-21.8	-4.5	-53.3	823.0
-1900	525	1.3	0.1	2.5	-1.2	10.3	-19.4	2.7	-49.6	810.0
-1900	550	0.6	-0.8	3.7	0.6	13.4	-14.4	10.5	-45.2	813.0
-1900	575	0.0	1.6	4.0	2.6	19.1	-5.1	25.7	-35.3	840.0
-1900	600	0.4	1.6	4.2	8.5	27.7	12.1	49.0	-15.1	887.0
-1900	625	1.2	1.2	2.9	5.3	21.6	3.7	35.4	-21.1	853.0
-1900	650	1.3	1.2	3.8	4.9	20.5	3.4	31.9	-20.7	841.0
-1900	675	0.4	2.2	3.5	5.5	20.3	5.4	35.4	-14.9	823.0
-1900	700	0.1	0.7	3.2	5.6	19.9	6.7	35.7	-11.8	809.0
-1900	725	1.2	1.6	2.9	2.9	14.7	0.3	23.9	-17.7	811.0
-1900	750	-0.3	0.4	2.3	0.3	7.1	-7.2	7.9	-21.0	813.0
-1900	775	-0.1	-0.8	1.1	-1.8	1.6	-10.3	-1.1	-19.9	808.0
-1900	800	-0.2	-2.4	-0.1	-5.5	-6.3	-19.9	-15.7	-28.0	812.0
-1900	825	0.2	-2.4	-0.8	-7.7	-10.0	-22.9	-22.4	-30.5	837.0
-1800	-1050	-1.1	1.0	-0.4	3.3	8.3	8.5	25.1	1.1	1924.0
-1800	-1025	-1.3	1.1	-0.3	0.9	5.3	0.9	15.1	-9.6	1358.0
-1800	-1000	0.4	-2.0	-0.4	-1.5	1.9	-9.1	4.1	-23.4	1189.0
-1800	-975	0.2	-0.8	1.4	-3.5	1.2	-14.6	-2.6	-32.7	1212.0
-1800	-950	1.2	-1.9	0.8	-4.3	0.6	-16.6	-5.4	-33.3	1164.0
-1800	-925	-0.1	0.4	0.7	-2.1	0.9	-10.8	0.7	-25.4	1122.0
-1800	-900	1.9	-0.3	0.9	-0.2	4.6	-3.7	9.4	-13.3	1203.0
-1800	-875	-0.4	0.6	0.4	1.0	5.0	-0.3	11.0	-6.7	1144.0
-1800	-850	-1.2	0.5	0.5	2.3	5.6	4.2	14.9	0.9	1136.0
-1800	-825	-0.6	0.1	0.7	3.7	6.7	9.0	18.7	11.7	1432.0
-1800	-800	0.5	0.4	0.0	3.9	6.6	11.1	17.9	13.7	1178.0
-1800	-775	-0.5	0.0	-0.4	2.4	4.7	6.4	13.8	6.1	874.0
-1800	-750	-0.3	0.8	0.1	1.4	4.4	2.2	10.7	-1.9	813.0
-1800	-725	-0.9	0.3	-0.2	1.1	3.7	2.1	9.8	-1.3	765.0

-1800	-700	-0.7	-0.1	-0.6	0.7	2.8	0.2	8.6	-4.6	760.0
-1800	-675	-0.5	-0.7	0.0	0.7	3.2	0.1	8.1	-5.1	782.0
-1800	-650	-0.4	-0.4	0.2	-0.4	2.5	-3.5	5.3	-11.0	823.0
-1800	-625	-1.0	-1.0	-0.5	-1.3	1.4	-7.4	2.6	-18.6	829.0
-1800	-600	0.0	-1.7	-0.6	-0.3	2.2	-4.9	4.4	-13.2	836.0
-1800	-575	0.1	0.3	0.3	0.3	2.9	-2.0	7.3	-8.4	893.0
-1800	-550	-0.1	-0.4	0.0	0.5	3.1	0.3	7.4	-4.6	994.0
-1800	-525	-0.2	-0.3	-0.3	1.0	3.4	1.7	9.8	-1.3	970.0
-1800	-500	0.0	0.8	0.5	1.4	5.0	3.3	11.1	1.1	1544.0
-1800	-475	-0.5	1.2	0.5	3.3	5.7	10.3	15.9	14.9	1454.0
-1800	-450	0.2	-0.3	0.0	2.6	4.9	6.3	13.7	7.3	1344.0
-1800	-425	2.5	0.9	2.8	2.2	7.5	5.2	16.5	5.0	1280.0
-1800	-400	0.9	-0.9	0.3	0.4	3.7	-2.0	9.0	-9.3	1475.0
-1800	-375	0.1	0.0	-0.3	-0.2	2.6	-3.7	6.6	-12.7	1575.0
-1800	-350	-1.1	-0.2	-0.1	-0.1	3.1	-3.8	7.1	-14.6	1150.0
-1800	-325	-0.9	0.1	0.6	-0.4	3.7	-4.9	7.6	-16.8	640.0
-1800	-300	0.1	0.9	0.5	1.7	6.8	1.0	15.9	-7.8	669.0
-1800	-275	-1.2	0.3	0.4	0.5	5.8	-2.9	13.8	-15.8	872.0
-1800	-250	-0.3	0.4	0.0	3.1	10.5	5.0	26.1	-8.4	841.0
-1800	-225	-2.5	0.4	-0.4	1.4	7.8	-2.6	17.5	-22.7	806.0
-1800	-200	-0.8	0.1	0.2	0.6	9.1	-4.4	17.6	-27.0	815.0
-1800	-175	-1.5	-2.0	0.3	-4.2	1.9	-19.6	-6.5	-48.6	894.0
-1800	-150	-0.2	-1.9	-0.5	-6.5	-3.9	-28.8	-16.9	-46.7	950.0
-1800	-125	-0.9	-0.7	-1.0	-4.7	-0.7	-26.7	-17.7	-61.3	979.0
-1800	-100	-0.1	-1.7	-0.1	-4.9	0.8	-28.0	-16.6	-64.2	861.0
-1800	-75	-3.5	-2.1	-4.1	-8.7	-10.1	-35.4	-40.2	-69.0	793.0
-1800	-50	-3.4	-3.3	-4.2	-11.5	-16.4	-41.1	-55.1	-68.8	790.0
-1800	-25	-2.9	-3.3	-3.1	-10.4	-14.9	-41.6	-52.9	-72.5	791.0
-1800	0	-4.0	-2.7	-3.3	-8.6	-9.5	-39.8	-57.7	-73.4	795.0
-1800	25	-2.8	-2.1	-2.8	-7.5	-5.6	-38.5	-43.7	-74.6	801.0
-1800	50	-3.7	-2.1	-2.6	-7.3	-6.6	-39.8	-44.7	-71.9	805.0
-1800	75	-3.8	-1.1	-2.5	-5.8	-2.2	-37.6	-38.5	-78.0	819.0
-1800	100	-3.6	-1.0	-1.1	-2.8	5.0	-32.1	-27.6	-77.5	810.0
-1800	125	-3.1	-0.5	-0.9	-2.3	6.5	-31.1	-20.4	-74.4	813.0
-1800	150	-3.2	0.0	-0.1	1.2	13.8	-23.7	-8.1	-72.2	823.0
-1800	175	-3.7	0.1	-0.2	0.4	11.6	-24.6	-5.6	-68.6	808.0
-1800	200	-3.1	0.2	-0.5	-0.3	9.0	-24.5	-8.5	-62.2	842.0
-1800	225	-4.1	0.4	-0.5	0.9	10.3	-20.6	-3.4	-60.5	854.0
-1800	250	-3.6	0.4	-0.5	1.4	11.0	-17.7	3.7	-52.4	868.0
-1800	275	-3.2	0.9	-0.1	4.0	15.4	-9.9	20.4	-44.9	858.0
-1800	300	-4.4	0.9	-0.8	3.5	12.0	-11.1	13.4	-43.9	818.0
-1800	325	-3.1	0.8	-0.6	2.7	11.9	-10.7	12.1	-42.2	803.0
-1800	350	-2.8	1.8	-0.4	5.8	17.0	0.5	29.1	-26.4	824.0
-1800	375	-3.7	2.4	-0.5	8.0	19.1	9.2	36.7	-13.0	874.0
-1800	400	-3.3	2.4	-0.3	6.7	15.7	6.2	34.6	-10.5	864.0
-1800	425	-3.8	1.6	-0.8	5.4	12.0	3.2	25.3	-13.4	859.0
-1800	450	-3.4	1.4	-1.4	3.6	9.7	-1.3	15.1	-18.7	830.0
-1800	475	-3.5	1.3	-0.6	5.1	11.9	4.2	24.5	-7.7	835.0
-1800	500	-3.8	0.2	-0.2	4.1	9.7	0.3	20.7	-13.1	829.0
-1800	525	-3.3	0.3	-1.3	1.4	6.3	-5.0	9.7	-23.6	813.0
-1800	550	-3.6	1.1	-1.4	3.8	10.1	1.9	21.1	-13.5	811.0
-1800	575	-3.0	2.1	-0.6	6.2	13.5	7.1	29.8	-4.0	833.0
-1800	600	-3.4	2.1	0.0	7.9	16.6	12.7	35.1	2.0	863.0
-1800	625	-3.1	1.7	-0.7	5.6	13.1	4.5	26.2	-11.4	870.0
-1800	650	-2.9	1.7	-0.6	6.2	13.3	6.4	27.7	-9.1	860.0
-1800	675	-2.7	2.3	-0.2	6.6	14.1	8.5	30.1	-3.7	860.0
-1800	700	-3.4	1.0	-1.3	3.7	9.3	1.8	18.6	-12.2	875.0
-1800	725	-3.2	-0.3	-2.2	-0.6	1.4	-7.6	8.0	-24.4	853.0
-1800	750	-3.0	-0.8	-3.5	-4.4	-7.4	-15.4	-19.0	-31.1	836.0
-1800	775	-3.2	-2.7	-4.7	-8.3	-13.0	-21.6	-26.6	-34.7	847.0

-1800	800	-3.4	-3.2	-5.6	-10.3	-17.5	-24.5	-34.0	-36.4	891.0
-1800	825	-3.2	-3.2	-5.4	-8.9	-14.7	-22.5	-25.2	-32.9	988.0
-1700	-1075	-1.7	-0.6	-2.1	-1.0	2.2	-8.0	8.5	-24.6	901.0
-1700	-1050	-4.1	-0.7	-3.3	-1.2	2.1	-6.2	12.7	-19.2	1003.0
-1700	-1025	-3.6	0.0	-3.2	-0.3	2.7	-5.9	11.9	-25.1	1064.0
-1700	-1000	-3.8	-0.1	-3.1	0.0	3.5	-4.5	13.6	-20.1	1237.0
-1700	-975	-3.7	-0.3	-3.7	-0.6	2.0	-7.1	7.7	-26.1	1435.0
-1700	-950	-2.6	-0.3	-2.9	-1.4	1.5	-9.2	6.8	-28.2	1169.0
-1700	-925	-3.5	-0.6	-2.5	-0.7	1.7	-8.0	5.8	-26.3	1227.0
-1700	-900	-2.4	-0.3	-2.1	1.0	4.9	-1.3	19.3	-12.3	1301.0
-1700	-875	-3.5	0.0	-2.7	1.0	4.6	0.0	16.4	-12.6	1356.0
-1700	-850	-2.7	-0.3	-2.6	-0.3	2.7	-5.5	8.0	-19.2	1499.0
-1700	-825	-3.0	-0.6	-3.0	0.7	3.5	-1.1	12.5	-14.8	1256.0
-1700	-800	-3.3	-0.5	-3.3	0.8	3.4	-1.5	13.3	-13.4	1239.0
-1700	-775	-3.2	-0.2	-2.7	1.1	3.4	-1.7	12.0	-12.1	1016.0
-1700	-750	-4.0	0.4	-3.5	0.2	1.3	-3.4	8.2	-13.4	854.0
-1700	-725	-3.0	-0.4	-3.0	-0.2	1.5	-4.0	7.4	-16.8	811.0
-1700	-700	-3.4	-0.1	-3.4	0.6	2.0	0.1	9.5	-9.7	834.0
-1700	-675	-3.6	0.2	-3.5	0.8	1.7	0.3	8.8	-9.2	778.0
-1700	-650	-2.9	-0.3	-2.7	0.8	1.8	-0.6	9.0	-8.8	755.0
-1700	-625	-3.3	0.4	-3.2	-0.1	1.5	-3.3	6.3	-13.3	777.0
-1700	-600	-2.9	-0.3	-2.8	0.8	2.1	-0.1	7.9	-8.0	803.0
-1700	-575	-1.7	-0.5	-2.0	0.0	2.6	-2.6	9.2	-13.0	824.0
-1700	-550	-3.5	0.1	-3.9	0.6	-0.5	-2.6	8.4	-12.5	840.0
-1700	-525	-4.1	-0.1	-3.4	0.3	0.9	-2.8	8.5	-15.0	891.0
-1700	-500	-3.6	0.4	-3.2	0.8	2.2	-0.5	10.3	-9.8	984.0
-1700	-475	-3.2	0.2	-2.7	1.3	3.0	2.1	13.1	-4.3	907.0
-1700	-450	-3.1	0.9	-2.4	2.0	3.5	3.7	12.1	-2.1	892.0
-1700	-425	-3.0	0.1	-2.7	2.8	4.7	7.2	16.9	4.2	983.0
-1700	-400	-2.9	0.0	-2.6	1.7	3.5	2.8	13.5	-2.3	1061.0
-1700	-375	-3.8	0.3	-3.8	1.7	2.6	2.8	12.2	-3.9	1465.0
-1700	-350	-4.6	0.6	-4.0	1.4	2.2	0.2	10.9	-9.8	1496.0
-1700	-325	-3.8	-0.6	-3.6	-0.7	0.5	-7.2	4.5	-22.0	1062.0
-1700	-300	-3.5	-0.1	-2.6	1.1	3.7	-1.3	14.1	-14.2	679.0
-1700	-275	-3.4	-0.1	-2.8	2.1	6.5	3.5	20.2	-6.8	664.0
-1700	-250	-2.7	-0.2	-3.0	0.1	3.4	-4.3	14.2	-19.6	696.0
-1700	-225	-4.2	-0.9	-3.9	-0.4	2.8	-5.7	9.4	-26.2	777.0
-1700	-200	-4.2	0.1	-3.6	-0.1	3.8	-6.5	11.8	-27.1	808.0
-1700	-175	-4.0	0.3	-3.1	2.9	10.0	2.5	26.5	-19.4	776.0
-1700	-150	-3.7	-1.0	-2.7	-1.4	3.9	-12.6	6.0	-42.0	773.0
-1700	-125	-4.5	-1.7	-4.0	-5.8	-5.2	-26.4	-19.1	-57.9	771.0
-1700	-100	-3.9	-0.7	-3.6	-3.2	0.6	-19.9	-5.6	-54.1	778.0
-1700	-75	-3.3	-1.1	-3.0	-4.7	-1.9	-25.9	-15.2	-61.2	776.0
-1700	-50	-4.0	-2.0	-3.7	-6.9	-4.0	-29.2	-20.1	-58.7	762.0
-1700	-25	-3.9	-2.4	-3.3	-7.8	-8.3	-34.5	-34.7	-66.8	763.0
-1700	0	-4.2	-2.7	-3.9	-9.5	-14.8	-39.8	-45.8	-65.9	779.0
-1700	25	-3.9	-2.4	-3.8	-7.1	-8.6	-36.9	-42.8	-69.5	788.0
-1700	50	-4.1	-2.5	-3.6	-8.6	-10.4	-39.5	-44.7	-68.4	792.0
-1700	75	-5.4	-3.5	-3.0	-6.6	-6.5	-40.0	-36.5	-69.4	797.0
-1700	100	-4.4	-1.4	-2.3	-4.7	-1.0	-36.9	-36.0	-75.9	792.0
-1700	125	-4.1	-0.4	-2.3	-3.0	3.5	-32.2	-22.8	-71.9	791.0
-1700	150	-3.8	0.8	-0.6	1.4	13.7	-21.4	-2.6	-67.3	802.0
-1700	175	-4.6	0.4	-0.4	3.8	18.1	-16.5	13.4	-59.8	797.0
-1700	200	-3.0	1.2	0.8	4.8	21.0	-12.6	21.5	-55.6	782.0
-1700	225	-3.2	1.0	0.5	5.7	20.7	-8.4	26.3	-43.3	785.0
-1700	250	-3.8	1.2	-0.3	4.7	16.4	-4.9	27.0	-32.1	785.0
-1700	275	-4.2	0.8	-1.6	2.1	9.9	-7.5	13.8	-31.3	796.0
-1700	300	-4.6	-0.1	-3.0	0.0	3.8	-11.8	5.3	-33.0	805.0
-1700	325	-4.1	-0.6	-3.3	0.1	3.7	-10.9	5.2	-32.8	809.0
-1700	350	-3.9	0.7	-2.2	2.4	8.2	-3.2	16.5	-23.9	828.0

-1700	375	-5.3	0.7	-1.4	3.0	9.0	-4.7	15.8	-25.9	832.0
-1700	400	-3.0	1.8	0.0	2.8	9.8	-6.9	13.4	-27.4	846.0
-1700	425	-3.4	1.3	0.2	2.9	9.2	-6.9	12.0	-26.5	839.0
-1700	450	-2.3	1.7	0.6	2.6	8.9	-6.3	13.0	-24.6	832.0
-1700	475	-2.3	1.8	0.0	3.1	9.2	-3.0	14.3	-19.5	808.0
-1700	500	-2.5	1.4	0.0	3.0	9.2	-1.6	17.9	-15.0	787.0
-1700	525	-2.7	0.6	-0.4	3.0	9.5	-2.2	16.7	-17.7	792.0
-1700	550	-2.8	1.4	0.2	4.9	12.3	4.3	26.2	-8.1	820.0
-1700	575	-2.3	1.8	-0.1	5.7	12.4	5.4	22.8	-8.2	833.0
-1700	600	-2.1	2.1	0.1	4.7	14.4	2.9	23.7	-15.3	815.0
-1700	625	-2.5	2.5	1.3	6.0	15.7	2.6	28.5	-15.3	840.0
-1700	650	-2.2	1.6	0.2	2.9	11.0	-4.6	17.0	-25.9	865.0
-1700	675	-3.5	0.0	-2.5	0.1	3.9	-8.0	6.2	-27.2	893.0
-1700	700	-4.0	-2.5	-5.6	-6.1	-9.4	-19.1	-23.7	-37.7	895.0
-1700	725	-5.4	-3.3	-7.2	-8.3	-14.2	-20.1	-24.0	-34.4	874.0
-1700	750	-5.2	-4.6	-9.5	-10.9	-20.1	-20.5	-32.3	-31.0	893.0
-1700	775	-4.6	-4.9	-9.8	-11.8	-24.0	-21.6	-38.8	-31.1	952.0
-1700	800	-3.7	-4.4	-7.9	-11.6	-21.5	-23.2	-34.1	-32.3	1051.0
-1700	825	-3.0	-1.8	-3.9	-7.2	-14.1	-21.2	-26.8	-31.4	1216.0
-1600	-1050	-3.0	0.1	-2.9	-0.9	3.0	-8.2	10.6	-28.9	922.0
-1600	-1025	-3.9	0.0	-3.3	0.7	4.8	-2.6	17.0	-21.0	929.0
-1600	-1000	-3.5	-0.8	-3.6	0.5	4.0	-2.5	19.6	-16.3	926.0
-1600	-975	-4.9	-1.2	-4.8	-4.2	-2.6	-14.9	-2.6	-36.2	873.0
-1600	-950	-3.9	-1.7	-3.7	-4.4	-4.3	-19.2	-9.8	-43.1	910.0
-1600	-925	-3.7	-2.3	-4.8	-5.6	-8.5	-23.9	-17.5	-48.5	984.0
-1600	-900	-4.0	-1.7	-3.8	-4.9	-5.3	-20.9	-11.6	-44.2	1061.0
-1600	-875	-3.7	-1.8	-3.2	-3.0	-2.7	-16.0	-4.6	-38.1	1065.0
-1600	-850	-2.7	-1.1	-3.2	-3.3	-1.3	-15.5	-2.8	-40.4	1251.0
-1600	-825	-2.9	-0.9	-3.2	-3.1	-1.4	-16.8	-1.6	-41.6	1554.0
-1600	-800	-3.0	-1.6	-3.3	-2.9	-1.2	-15.4	-1.4	-38.1	1492.0
-1600	-775	-3.5	-1.7	-3.1	-3.1	-1.6	-16.5	-4.2	-38.9	1419.0
-1600	-750	-2.5	-1.5	-2.9	-4.5	-3.4	-20.2	-9.3	-45.3	1524.0
-1600	-725	-3.3	-0.1	-2.9	-1.9	-0.4	-12.5	0.6	-33.6	1431.0
-1600	-700	-3.8	-0.5	-2.7	0.1	3.0	-4.8	12.7	-20.9	1031.0
-1600	-675	-4.0	0.3	-3.0	1.8	5.9	1.6	19.4	-13.9	890.0
-1600	-650	-2.9	0.3	-3.0	1.3	5.4	-0.2	18.3	-15.9	810.0
-1600	-625	-4.1	0.5	-3.2	3.3	6.8	6.5	24.2	-1.2	794.0
-1600	-600	-3.5	0.9	-3.1	4.5	8.5	11.7	29.4	6.6	768.0
-1600	-575	-4.0	0.3	-3.6	4.4	7.5	10.3	26.2	4.1	778.0
-1600	-550	-3.8	1.1	-3.0	3.9	7.8	9.3	26.1	2.4	786.0
-1600	-525	-3.4	0.2	-3.0	3.3	7.4	7.0	24.3	-1.5	781.0
-1600	-500	-4.0	0.5	-3.4	3.2	6.9	7.6	21.9	-2.1	817.0
-1600	-475	-4.8	0.2	-3.7	1.5	5.0	2.5	19.3	-9.1	892.0
-1600	-450	-3.7	-0.9	-3.7	-1.2	0.3	-9.2	4.3	-27.8	1247.0
-1600	-425	-4.7	-0.6	-4.2	-3.2	-3.7	-16.7	-6.7	-39.0	1104.0
-1600	-400	-4.2	-0.9	-3.8	-4.0	-3.6	-17.8	-9.0	-39.4	1173.0
-1600	-375	-3.9	-1.4	-2.8	-4.4	-5.9	-21.4	-8.0	-41.8	1170.0
-1600	-350	-3.5	-1.1	-3.2	-4.3	-3.8	-20.3	-10.1	-44.5	1253.0
-1600	-325	-3.9	-1.3	-3.9	-3.8	-2.9	-17.9	-6.7	-42.1	1368.0
-1600	-300	-3.6	-0.4	-3.5	-2.3	0.3	-13.9	1.7	-39.1	1618.0
-1600	-275	-3.6	-0.3	-3.3	-0.5	3.5	-7.5	11.0	-28.7	1026.0
-1600	-250	-3.1	0.3	-2.9	1.3	5.9	-2.8	18.3	-22.8	715.0
-1600	-225	-3.4	-0.1	-2.6	2.1	7.7	0.4	22.4	-19.8	671.0
-1600	-200	-4.7	0.6	-3.4	1.9	7.5	-0.3	21.2	-19.1	768.0
-1600	-175	-3.9	0.6	-3.4	2.8	8.7	1.9	25.3	-16.8	747.0
-1600	-150	-4.0	0.7	-3.2	3.3	10.6	3.0	28.2	-18.0	762.0
-1600	-125	-4.2	0.8	-3.1	3.3	10.9	1.2	27.1	-22.0	774.0
-1600	-100	-3.6	0.1	-2.8	1.1	7.6	-6.9	16.6	-33.9	766.0
-1600	-75	-4.3	-0.4	-3.3	-0.9	3.9	-13.3	4.4	-42.4	738.0
-1600	-50	-4.8	-1.3	-2.8	-3.3	0.4	-20.1	-6.3	-48.6	734.0

-1600	-25	-3.5	-1.5	-3.9	-5.7	-5.3	-28.2	-19.5	-54.6	748.0
-1600	0	-5.2	-1.4	-4.1	-5.8	-5.6	-28.2	-21.9	-58.2	752.0
-1600	25	-4.0	-2.3	-3.8	-6.9	-9.0	-33.6	-32.5	-63.3	791.0
-1600	50	-3.9	-1.3	-3.4	-6.3	-6.9	-33.0	-30.1	-63.3	816.0
-1600	75	-3.6	-1.1	-2.2	-1.6	4.6	-21.7	-9.4	-57.8	801.0
-1600	100	-3.5	0.9	-1.5	0.9	10.7	-16.4	10.9	-52.1	806.0
-1600	125	-3.3	0.6	-0.8	3.4	15.7	-10.4	18.4	-49.8	787.0
-1600	150	-3.5	1.3	-1.4	3.4	18.2	-7.5	23.8	-48.7	792.0
-1600	175	-4.2	1.8	-1.0	5.9	22.3	-3.2	34.2	-43.4	782.0
-1600	200	-3.8	1.5	-0.4	4.7	21.1	-4.4	30.2	-44.4	799.0
-1600	225	-4.1	0.6	-1.8	0.5	7.9	-14.7	5.7	-47.6	808.0
-1600	250	-3.8	-1.1	-3.4	-3.5	-1.1	-18.5	-9.8	-42.8	831.0
-1600	275	-5.4	-2.7	-6.2	-5.5	-9.6	-21.9	-18.6	-43.5	853.0
-1600	300	-4.9	-2.2	-6.6	-5.0	-8.6	-18.1	-13.8	-36.9	850.0
-1600	325	-6.2	-1.2	-5.1	-1.1	-0.6	-9.2	1.1	-27.9	842.0
-1600	350	-4.5	-0.6	-3.7	0.0	2.1	-10.1	4.3	-28.6	867.0
-1600	375	-4.0	-0.2	-2.6	0.1	1.8	-11.0	1.2	-29.2	850.0
-1600	400	-3.1	-0.6	-3.0	-3.4	-2.8	-14.2	-4.2	-29.3	845.0
-1600	425	-2.2	-0.9	-3.3	-2.8	-3.2	-10.8	-3.7	-24.1	834.0
-1600	450	-2.2	-0.4	-3.1	-2.1	-2.5	-9.3	-1.4	-21.1	858.0
-1600	475	-1.8	0.1	-1.9	-1.7	0.5	-9.0	1.3	-24.4	779.0
-1600	500	-1.4	1.5	0.8	3.3	9.0	-0.6	17.5	-10.5	791.0
-1600	525	-1.2	3.5	3.3	5.9	14.9	1.9	22.9	-14.3	800.0
-1600	550	-1.5	2.7	2.5	5.4	15.5	1.1	25.8	-16.2	816.0
-1600	575	-1.6	2.4	2.3	4.6	14.9	-3.8	23.9	-24.7	820.0
-1600	600	-0.9	2.3	3.0	2.7	13.1	-8.5	17.2	-32.0	807.0
-1600	625	-1.7	1.4	1.4	2.4	10.4	-7.5	16.4	-28.2	808.0
-1600	650	-1.7	0.2	-1.6	-2.4	1.3	-13.5	-1.8	-33.9	855.0
-1600	675	-3.3	-2.0	-4.9	-4.8	-6.9	-14.3	-8.9	-29.2	892.0
-1600	700	-5.5	-4.9	-9.2	-8.4	-15.8	-17.6	-22.3	-29.7	944.0
-1600	725	-6.0	-4.5	-11.6	-8.1	-17.5	-14.7	-24.3	-25.6	940.0
-1600	750	-6.3	-6.0	-12.6	-9.3	-21.9	-16.3	-30.4	-23.8	918.0
-1600	775	-9.9	-6.0	-15.3	-11.4	-27.1	-19.2	-38.4	-25.4	959.0
-1600	800	-7.2	-4.1	-11.2	-10.0	-24.2	-18.1	-33.3	-22.3	1097.0
-1600	825	-3.7	-1.8	-5.6	-7.5	-16.1	-15.5	-23.4	-20.1	1074.0
-1500	-1075	-2.6	-0.2	-2.4	0.2	3.2	-3.9	9.6	-18.6	945.0
-1500	-1050	-3.5	0.1	-2.7	3.0	5.8	4.9	18.3	-4.5	1493.0
-1500	-1025	-3.1	0.9	-1.9	3.5	7.7	7.1	21.6	-1.1	1087.0
-1500	-1000	-3.3	0.3	-2.5	1.3	4.5	-0.6	12.9	-14.3	1132.0
-1500	-975	-2.6	1.1	-1.6	2.6	7.1	3.2	19.2	-7.7	1136.0
-1500	-950	-3.3	-0.2	-2.7	1.5	4.9	1.9	15.9	-8.5	1608.0
-1500	-925	-3.3	-0.1	-3.3	0.0	2.0	-3.6	9.3	-17.0	1257.0
-1500	-900	-3.8	0.0	-3.1	1.1	3.4	0.7	14.7	-10.5	1322.0
-1500	-875	-2.4	0.2	-2.2	2.4	6.3	5.3	21.4	-4.2	1138.0
-1500	-850	-2.5	0.1	-2.7	1.3	4.9	1.9	17.9	-9.2	1038.0
-1500	-825	-2.3	-1.1	-3.0	-3.3	-2.2	-14.8	-3.7	-35.0	1062.0
-1500	-800	-2.6	-0.6	-2.7	-3.1	-1.4	-14.5	-4.1	-36.2	1100.0
-1500	-775	-2.8	-0.6	-2.3	-1.8	1.6	-10.8	7.2	-29.5	1177.0
-1500	-750	-3.4	-0.3	-2.3	0.7	6.4	-1.3	14.1	-25.7	1374.0
-1500	-725	-2.8	-0.6	-2.4	-2.0	2.5	-11.1	5.0	-33.8	1406.0
-1500	-700	-3.1	-0.2	-2.5	-1.7	1.8	-11.8	2.5	-36.7	1499.0
-1500	-675	-2.8	0.1	-2.4	1.1	7.0	-2.4	20.2	-22.9	1368.0
-1500	-650	-3.4	-0.9	-3.0	0.6	6.2	-3.3	17.7	-26.0	1017.0
-1500	-625	-3.1	-0.4	-2.7	0.8	6.4	-4.2	16.3	-29.0	819.0
-1500	-600	-2.9	-0.3	-3.0	-0.1	5.8	-6.5	15.8	-30.5	771.0
-1500	-575	-3.7	0.8	-2.8	2.1	8.9	-0.1	23.7	-23.9	775.0
-1500	-550	-3.8	-0.4	-3.1	1.9	8.6	-0.3	23.9	-22.9	770.0
-1500	-525	-3.9	-0.2	-3.4	-0.9	3.4	-10.1	6.6	-37.6	753.0
-1500	-500	-3.9	-0.8	-2.6	-0.6	4.9	-8.2	8.3	-35.8	789.0
-1500	-475	-3.5	-0.9	-2.7	-1.3	3.6	-8.6	7.0	-34.3	854.0

-1500	-450	-4.1	-0.8	-3.6	-2.6	0.4	-14.4	0.4	-39.8	949.0
-1500	-425	-3.6	-1.3	-3.3	-2.9	0.2	-15.2	0.5	-38.9	1056.0
-1500	-400	-2.6	-1.1	-3.1	-1.9	3.6	-9.9	5.9	-36.8	1203.0
-1500	-375	-3.4	-0.7	-2.4	-1.4	3.6	-10.7	7.4	-35.8	1388.0
-1500	-350	-2.9	-0.6	-2.6	-2.1	2.6	-11.5	5.4	-34.6	1523.0
-1500	-325	-2.4	-0.7	-1.4	-0.9	4.6	-9.6	9.8	-32.5	1445.0
-1500	-300	-2.9	-0.9	-2.1	-0.3	4.7	-7.6	11.2	-29.7	1318.0
-1500	-275	-2.7	0.0	-1.9	-0.2	5.5	-6.8	12.0	-28.9	1368.0
-1500	-250	-3.1	0.2	-2.3	0.2	5.4	-6.0	12.1	-25.4	1471.0
-1500	-225	-2.3	0.8	-1.6	2.1	9.0	0.8	22.3	-16.7	1238.0
-1500	-200	-2.5	1.0	-1.2	4.4	11.7	7.2	28.7	-6.7	1179.0
-1500	-175	-2.4	0.8	-0.8	4.5	12.8	9.3	34.1	-2.5	1079.0
-1500	-150	-2.5	0.8	-0.8	3.7	12.6	7.2	32.7	-5.8	1269.0
-1500	-125	-2.5	1.0	-1.3	3.6	11.2	5.0	28.7	-7.7	1276.0
-1500	-100	-2.5	0.1	-1.7	2.1	8.3	0.1	20.6	-17.8	1203.0
-1500	-75	-1.6	0.0	-2.0	0.4	6.4	-5.6	13.4	-26.6	836.0
-1500	-50	-2.7	0.0	-1.2	0.1	6.7	-6.9	10.7	-30.2	770.0
-1500	-25	-3.1	-0.9	-1.8	-0.8	4.8	-10.2	8.4	-33.3	756.0
-1500	0	-2.7	-0.9	-2.1	-0.3	5.1	-8.0	10.7	-30.7	767.0
-1500	25	-3.5	0.3	-2.4	-0.3	4.7	-10.9	5.5	-35.2	805.0
-1500	50	-3.9	0.6	-0.4	4.3	15.6	2.3	30.9	-21.4	807.0
-1500	75	-3.8	0.9	-2.2	2.5	11.7	-2.0	22.0	-28.8	803.0
-1500	100	-4.0	0.0	-2.2	0.5	6.8	-11.4	7.9	-40.1	803.0
-1500	125	-3.3	0.4	-1.3	0.3	6.8	-12.2	7.4	-40.1	783.0
-1500	150	-3.5	0.8	-1.7	2.0	10.5	-5.6	17.5	-31.4	769.0
-1500	175	-2.9	1.2	-1.1	3.5	14.6	-3.5	24.7	-31.8	773.0
-1500	200	-4.1	-0.3	-2.2	-0.4	5.6	-13.3	3.8	-42.1	814.0
-1500	225	-3.5	-0.6	-2.5	-0.7	3.7	-13.0	2.9	-39.4	817.0
-1500	250	-2.9	-0.6	-2.8	0.7	5.6	-5.1	10.4	-26.2	841.0
-1500	275	-2.8	-0.4	-2.6	0.0	3.8	-6.1	7.8	-24.8	841.0
-1500	300	-2.9	-1.2	-2.5	-0.6	3.8	-5.8	7.1	-26.3	809.0
-1500	325	-3.3	0.0	-2.3	2.2	6.9	-0.2	17.5	-14.0	774.0
-1500	350	-4.1	0.6	-2.2	1.0	4.6	-3.8	8.8	-20.1	765.0
-1500	375	-3.1	-0.2	-2.1	-2.1	-1.8	-10.9	-3.8	-24.2	807.0
-1500	400	-2.5	-0.7	-2.9	-3.2	-4.4	-11.7	-6.8	-24.2	834.0
-1500	425	-2.3	-1.1	-2.6	-4.8	-6.5	-16.4	-10.5	-31.4	885.0
-1500	450	-2.4	-0.4	-2.0	-1.7	-0.4	-9.7	-1.0	-25.4	909.0
-1500	475	-2.0	1.2	1.1	2.3	8.4	-5.7	11.1	-24.4	878.0
-1500	500	-1.2	3.1	3.8	5.3	16.9	-4.8	23.1	-27.5	829.0
-1500	525	-0.7	3.3	4.6	4.4	17.2	-8.4	20.3	-34.1	791.0
-1500	550	-1.0	3.0	5.0	4.7	16.6	-9.8	19.3	-35.9	799.0
-1500	575	-0.9	3.1	3.9	3.7	15.7	-7.9	21.8	-30.4	809.0
-1500	600	-0.5	1.5	2.2	0.4	7.8	-15.3	3.9	-38.4	814.0
-1500	625	-1.3	0.1	0.2	-2.0	1.7	-16.0	-3.7	-36.7	855.0
-1500	650	-1.5	-0.7	-1.5	-1.2	1.0	-10.0	0.2	-27.4	883.0
-1500	675	-4.9	-3.3	-8.3	-3.9	-7.7	-6.7	-6.1	-16.5	920.0
-1500	700	-16.2	-7.6	-23.0	-6.3	-26.7	-7.7	-30.1	-14.2	1019.0
-1500	725	-23.2	-10.2	-29.8	-7.5	-33.6	-8.0	-38.6	-15.4	1126.0
-1500	750	-23.5	-9.9	-30.7	-9.3	-37.8	-12.5	-43.8	-22.2	1165.0
-1500	775	-21.7	-9.7	-28.7	-10.2	-38.1	-15.1	-42.6	-21.1	1086.0
-1500	800	-15.9	-8.3	-22.2	-11.0	-34.0	-17.6	-39.1	-25.0	1024.0
-1500	825	-4.4	-3.1	-8.7	-9.7	-18.6	-20.1	-22.3	-32.4	1103.0
-1400	-1075	-2.0	0.2	-1.9	2.3	3.5	6.2	13.0	4.4	849.0
-1400	-1050	-2.2	0.0	-2.6	-0.6	0.6	-4.8	2.7	-15.9	856.0
-1400	-1025	-3.4	-0.2	-2.8	-0.3	0.6	-4.3	3.4	-14.2	1910.0
-1400	-1000	-2.4	-0.2	-2.2	0.8	1.7	-0.2	5.5	-7.4	1112.0
-1400	-975	-3.9	-0.3	-2.8	-0.2	0.9	-2.7	4.3	-12.6	1012.0
-1400	-950	-2.7	-0.7	-3.0	-0.8	0.1	-5.7	2.7	-18.0	1509.0
-1400	-925	-0.8	0.2	-0.6	0.5	4.1	0.0	10.8	-7.3	1494.0
-1400	-900	3.1	1.7	3.3	7.0	13.4	21.3	34.3	29.0	1418.0

-1400	-875	1.2	0.7	1.5	4.7	11.2	13.2	30.3	14.3	1373.0
-1400	-850	2.4	0.5	2.5	1.1	8.7	1.1	18.9	-9.2	1921.0
-1400	-825	1.9	-0.6	1.7	-0.7	5.9	-6.0	11.1	-21.4	1613.0
-1400	-800	2.8	-1.2	2.8	-1.1	7.2	-6.1	10.3	-22.5	1147.0
-1400	-775	3.8	-1.2	3.5	-3.0	4.7	-13.5	3.2	-33.2	999.0
-1400	-750	-2.9	-1.3	-2.6	-3.4	-1.2	-14.0	-2.8	-31.4	1114.0
-1400	-725	-3.1	-1.0	-3.5	-2.4	-0.7	-11.8	-1.6	-31.3	1186.0
-1400	-700	-3.1	-0.3	-2.8	-1.2	1.6	-8.7	6.3	-26.6	1402.0
-1400	-675	-3.5	-0.4	-2.7	-0.1	4.3	-5.1	12.4	-23.8	1370.0
-1400	-650	-2.5	-0.8	-2.8	0.4	5.2	-4.4	14.6	-25.0	1371.0
-1400	-625	-3.6	-0.2	-2.8	1.3	7.0	-2.4	18.4	-24.2	1372.0
-1400	-600	-3.5	0.2	-2.6	1.3	7.6	-3.3	18.5	-28.2	1324.0
-1400	-575	-2.8	-0.7	-2.5	1.3	8.6	-2.6	20.5	-28.5	1199.0
-1400	-550	-3.7	0.4	-2.7	1.3	8.9	-2.7	20.2	-28.5	1060.0
-1400	-525	-3.7	0.2	-2.6	0.8	7.1	-7.0	15.4	-32.6	910.0
-1400	-500	-3.4	-0.2	-3.1	-0.4	5.6	-9.1	11.6	-35.5	870.0
-1400	-475	-4.1	-0.2	-3.1	-0.8	4.7	-10.1	7.8	-37.6	903.0
-1400	-450	-2.6	-0.9	-2.7	-1.8	3.0	-13.5	2.4	-41.7	926.0
-1400	-425	-2.9	-0.8	-3.0	-3.0	0.6	-16.8	-4.2	-43.3	977.0
-1400	-400	-3.3	-1.5	-2.2	-3.5	1.0	-17.2	-4.5	-45.1	1039.0
-1400	-375	-3.4	-0.6	-2.8	-2.6	1.5	-15.7	-1.8	-43.5	1180.0
-1400	-350	-2.0	-0.4	-1.3	-1.1	5.8	-9.6	8.9	-35.2	1294.0
-1400	-325	-0.7	-0.5	0.0	-0.5	7.8	-9.1	11.2	-35.1	1336.0
-1400	-300	0.8	0.2	0.9	-0.8	8.5	-9.6	13.9	-32.2	1300.0
-1400	-275	0.3	-0.3	1.2	1.0	10.1	-4.5	18.1	-26.1	1233.0
-1400	-250	1.0	-0.4	2.0	1.0	10.6	-2.9	19.8	-22.5	1260.0
-1400	-225	0.1	0.4	1.2	2.3	11.1	1.5	25.0	-13.1	1252.0
-1400	-200	-1.8	0.5	-1.1	1.8	8.7	-0.3	22.1	-15.0	1245.0
-1400	-175	-2.3	0.0	-1.6	2.7	9.6	3.3	23.6	-11.3	1034.0
-1400	-150	-2.5	0.2	-1.7	2.3	8.6	2.8	23.5	-12.1	864.0
-1400	-125	-3.0	0.9	-2.2	2.1	7.8	1.5	20.9	-15.2	809.0
-1400	-100	-3.3	-0.1	-2.6	2.0	6.6	-0.7	18.2	-17.1	801.0
-1400	-75	-3.0	-0.1	-2.8	2.1	6.6	-0.1	17.8	-18.0	806.0
-1400	-50	-3.3	-0.2	-2.8	2.1	6.8	1.1	19.8	-13.2	780.0
-1400	-25	-3.9	-0.1	-2.8	2.1	6.4	0.7	18.0	-14.9	773.0
-1400	0	-3.5	-0.5	-3.0	-0.3	2.8	-8.3	6.9	-28.3	768.0
-1400	25	-4.4	-0.4	-3.2	0.6	3.9	-4.4	11.0	-23.8	817.0
-1400	50	-3.4	0.2	-2.6	1.7	6.7	-0.3	16.1	-17.9	845.0
-1400	75	-3.1	0.5	-2.6	1.9	7.0	-1.0	17.5	-19.4	846.0
-1400	100	-3.3	0.3	-2.1	2.6	8.5	0.1	19.1	-15.3	875.0
-1400	125	-3.7	0.5	-2.1	2.2	7.5	-0.5	17.8	-17.4	849.0
-1400	150	-3.2	1.8	-1.7	6.0	13.6	10.2	32.9	-3.3	839.0
-1400	175	-3.4	0.7	-1.5	3.7	10.9	2.8	24.7	-12.8	857.0
-1400	200	-3.7	0.9	-1.8	2.7	9.4	-0.8	19.8	-18.7	834.0
-1400	225	-3.3	-0.1	-2.6	2.0	7.6	-2.7	16.8	-21.2	823.0
-1400	250	-3.6	0.8	-1.8	3.1	9.1	0.6	20.0	-16.9	841.0
-1400	275	-3.8	1.0	-1.6	4.6	10.8	5.5	25.2	-8.1	842.0
-1400	300	-3.5	0.9	-1.8	3.5	7.5	2.6	19.3	-8.5	824.0
-1400	325	-3.9	-1.2	-4.2	0.2	0.9	-2.7	7.4	-12.7	867.0
-1400	350	-4.3	-2.1	-5.1	-2.6	-4.7	-9.6	-3.2	-21.9	882.0
-1400	375	-4.2	-1.6	-4.9	-2.5	-5.8	-12.2	-7.7	-24.7	868.0
-1400	400	-3.8	-0.5	-3.7	-2.9	-3.9	-13.1	-7.5	-27.8	883.0
-1400	425	-3.0	-0.2	-1.7	-0.8	1.4	-10.7	-0.3	-29.1	869.0
-1400	450	-2.6	1.3	0.8	2.7	8.9	-9.0	12.9	-30.4	863.0
-1400	475	-1.8	2.7	3.2	5.8	18.2	-4.6	22.9	-33.6	859.0
-1400	500	-1.8	3.4	4.3	6.0	21.1	-5.8	26.6	-36.2	851.0
-1400	525	-2.0	3.1	3.9	6.1	20.7	-5.9	26.2	-37.8	832.0
-1400	550	-1.3	2.4	3.0	4.9	16.2	-8.2	18.3	-37.7	867.0
-1400	575	-2.1	-0.7	-0.7	-2.0	1.1	-16.2	-6.2	-38.4	887.0
-1400	600	-3.2	-2.9	-6.3	-8.6	-14.8	-20.4	-25.1	-33.7	928.0

-1400	625	-3.8	-4.7	-8.8	-10.6	-19.3	-20.2	-28.6	-31.2	956.0
-1400	650	-4.8	-5.5	-9.5	-9.9	-16.6	-16.8	-25.5	-29.0	981.0
-1400	675	-6.4	-6.6	-12.4	-9.5	-19.8	-17.0	-27.0	-28.2	1006.0
-1400	700	-11.0	-5.3	-15.8	-6.7	-17.3	-14.7	-21.6	-29.5	982.0
-1400	725	-13.3	-4.5	-15.3	-3.7	-12.7	-14.8	-19.2	-35.8	939.0
-1400	750	-13.8	-3.6	-14.7	-4.3	-14.8	-17.8	-23.9	-37.5	946.0
-1400	775	-12.0	-4.2	-13.4	-7.6	-18.7	-21.8	-32.5	-38.7	942.0
-1400	800	-6.5	-1.9	-6.4	-6.8	-15.2	-25.3	-33.8	-44.4	993.0
-1400	825	0.9	-0.1	1.9	-8.3	-8.3	-30.3	-27.9	-49.2	1347.0
-1300	-1400	-2.5	0.7	-2.0	1.7	2.5	3.7	8.5	3.1	1217.0
-1300	-1375	-3.2	-0.7	-3.0	-0.1	0.5	-2.0	4.3	-9.9	1327.0
-1300	-1350	-2.1	-0.5	-2.1	-0.2	0.9	-2.6	5.2	-9.5	1704.0
-1300	-1325	-2.1	-0.9	-1.9	-0.9	-0.3	-5.5	1.4	-14.2	1560.0
-1300	-1300	-2.2	-0.8	-2.4	-1.9	-1.3	-8.3	-1.0	-19.4	1127.0
-1300	-1275	-1.3	-0.2	-1.0	-1.1	0.4	-6.6	1.2	-17.0	1029.0
-1300	-1250	-1.8	-0.4	-1.6	-0.4	0.7	-4.2	3.7	-11.3	857.0
-1300	-1225	-1.7	-0.8	-2.2	-0.3	0.2	-2.9	2.8	-10.7	849.0
-1300	-1200	-2.0	-0.8	-2.5	0.0	0.3	-1.8	2.8	-8.9	1124.0
-1300	-1175	-3.1	0.6	-2.6	2.0	1.7	4.5	7.8	3.8	986.0
-1300	-1150	-3.0	0.5	-2.6	3.4	2.6	9.8	10.3	13.9	819.0
-1300	-1125	-2.2	0.1	-2.9	2.4	1.6	7.0	8.9	9.3	992.0
-1300	-1100	-2.8	0.1	-2.9	2.1	1.5	5.4	8.4	5.9	1422.0
-1300	-1075	-4.3	0.4	-3.9	2.0	0.4	5.7	7.1	6.5	1281.0
-1300	-1050	-4.1	0.6	-3.9	2.0	0.6	5.0	7.8	4.4	897.0
-1300	-1025	-3.0	0.0	-2.8	0.6	0.2	-0.6	4.4	-6.3	865.0
-1300	-1000	-3.6	0.1	-3.1	-0.3	-0.5	-3.4	1.6	-10.4	845.0
-1300	-975	-2.3	-0.4	-2.5	0.3	0.3	-1.0	4.6	-7.0	863.0
-1300	-950	-2.8	0.0	-3.1	0.6	0.6	-0.1	5.7	-5.6	866.0
-1300	-925	-3.5	-0.5	-3.6	0.4	0.2	0.1	5.6	-5.6	1209.0
-1300	-900	-3.6	-0.3	-3.3	0.9	1.2	0.9	7.0	-5.0	1354.0
-1300	-875	-5.2	0.2	-3.5	2.5	2.7	5.7	12.5	4.5	1128.0
-1300	-850	-3.4	1.0	-2.3	3.3	5.1	10.0	17.7	8.5	1348.0
-1300	-825	-3.6	0.2	-2.9	3.6	5.4	9.9	19.2	8.2	1203.0
-1300	-800	-2.9	0.8	-2.9	2.5	4.9	5.8	17.5	-0.3	1292.0
-1300	-775	-2.7	0.3	-3.0	1.6	4.2	1.9	14.1	-7.6	1286.0
-1300	-750	-3.1	0.4	-3.1	1.5	4.3	0.9	14.5	-10.8	1163.0
-1300	-725	-2.4	0.0	-3.0	0.8	4.2	-1.7	13.1	-15.1	1129.0
-1300	-700	-3.5	-0.1	-2.7	0.0	3.2	-4.3	9.3	-20.0	1141.0
-1300	-675	-3.5	-0.7	-3.1	-0.7	2.1	-7.6	5.5	-26.3	1164.0
-1300	-650	-3.0	-0.8	-3.1	0.1	3.7	-5.1	10.3	-23.1	1213.0
-1300	-625	-3.9	-0.5	-2.7	0.5	4.8	-3.5	13.5	-22.3	1224.0
-1300	-600	-3.3	-0.6	-2.6	0.5	5.9	-3.7	15.5	-23.5	1244.0
-1300	-575	-2.7	-0.4	-2.4	0.1	4.6	-7.8	10.4	-29.8	1324.0
-1300	-550	-3.2	-0.2	-2.6	-0.1	5.8	-5.6	13.3	-28.7	1501.0
-1300	-525	-3.3	0.2	-2.3	0.1	5.3	-6.9	11.2	-30.0	1408.0
-1300	-500	-3.6	0.2	-2.5	-1.3	2.7	-10.8	4.5	-35.7	1329.0
-1300	-475	-3.0	-0.5	-2.5	-1.7	0.7	-15.0	-0.9	-37.2	1304.0
-1300	-450	-2.8	-0.6	-2.1	-1.4	4.0	-10.0	5.9	-34.1	1251.0
-1300	-425	-3.3	0.1	-3.2	-0.1	3.5	-8.7	6.7	-32.8	1190.0
-1300	-400	-3.0	-0.4	-2.6	-0.3	5.1	-8.6	8.9	-31.8	1201.0
-1300	-375	-3.4	0.1	-2.7	1.8	7.9	-1.3	18.0	-24.5	1208.0
-1300	-350	-4.1	1.3	-2.6	5.2	12.2	8.9	32.7	-6.8	1135.0
-1300	-325	-3.2	1.2	-1.8	5.9	14.0	12.9	36.9	-0.5	1104.0
-1300	-300	-3.0	0.8	-2.4	4.4	11.0	7.6	29.4	-6.8	1079.0
-1300	-275	-3.0	1.0	-2.5	4.3	10.6	7.4	28.1	-5.6	1086.0
-1300	-250	-3.3	0.4	-2.4	3.6	9.0	4.9	24.0	-8.6	1213.0
-1300	-225	-2.9	0.4	-2.4	1.3	5.4	-1.8	14.1	-18.3	1259.0
-1300	-200	-3.0	-0.4	-2.5	-0.4	3.1	-7.7	6.7	-26.6	1273.0
-1300	-175	-3.8	0.4	-2.6	1.3	4.9	-2.5	13.6	-18.1	1228.0
-1300	-150	-3.2	0.2	-2.0	2.8	7.8	3.5	22.1	-8.7	1205.0

-1300	-125	-3.9	1.0	-2.4	3.8	9.2	6.9	25.3	-5.3	1116.0
-1300	-100	-3.1	0.8	-2.2	6.1	12.8	15.0	34.9	7.1	841.0
-1300	-75	-3.5	0.9	-2.8	4.4	9.9	7.3	28.9	-4.5	798.0
-1300	-50	-3.2	0.4	-2.5	1.8	7.2	-0.2	19.3	-15.6	778.0
-1300	-25	-3.0	-0.3	-2.5	-0.4	3.3	-7.9	7.2	-29.4	765.0
-1300	0	-2.8	0.5	-2.7	0.7	3.7	-5.3	10.5	-21.2	766.0
-1300	25	-1.5	-0.6	-1.6	-0.6	4.0	-8.5	7.1	-28.8	763.0
-1300	50	-3.7	-1.1	-3.5	-1.9	0.5	-13.5	-0.2	-36.4	766.0
-1300	75	-3.9	0.0	-2.5	0.5	5.6	-4.2	13.1	-24.2	774.0
-1300	100	-2.8	1.4	-1.5	4.0	10.9	4.7	28.5	-9.5	797.0
-1300	125	-3.5	1.4	-1.9	3.4	9.4	0.7	21.1	-17.0	856.0
-1300	150	-3.3	0.2	-2.0	0.3	4.2	-8.0	8.4	-27.2	841.0
-1300	175	-3.6	0.0	-2.5	2.1	6.5	-0.1	14.5	-17.4	845.0
-1300	200	-3.9	0.2	-2.1	1.4	5.8	-2.4	12.9	-18.5	848.0
-1300	225	-4.1	0.7	-2.2	4.7	10.5	6.6	26.5	-4.7	843.0
-1300	250	-3.5	0.6	-3.0	3.5	8.7	6.8	23.8	-3.9	819.0
-1300	275	-4.8	0.2	-4.0	1.7	4.1	0.4	13.4	-14.0	780.0
-1300	300	-3.7	-1.0	-4.2	-1.3	-0.5	-10.4	-0.2	-28.2	804.0
-1300	325	-3.1	-0.8	-4.2	-2.0	-3.4	-13.2	-6.8	-29.0	829.0
-1300	350	-3.9	-0.6	-3.8	-3.0	-3.7	-14.4	-8.7	-31.1	943.0
-1300	375	-3.5	-1.1	-2.4	-3.3	-4.0	-17.5	-10.0	-35.4	867.0
-1300	400	-2.9	-0.3	-1.2	-1.1	2.9	-11.5	1.9	-30.5	871.0
-1300	425	-2.3	1.9	1.8	5.6	17.5	-1.5	26.5	-26.6	870.0
-1300	450	-2.7	2.7	2.1	7.8	23.2	0.3	33.9	-29.9	845.0
-1300	475	-3.2	2.7	1.4	5.1	19.4	-5.4	25.6	-38.0	849.0
-1300	500	-3.0	0.1	-1.1	2.5	11.5	-9.6	13.8	-40.1	861.0
-1300	525	-4.5	-2.1	-4.9	-2.8	-2.4	-16.5	-9.1	-41.2	887.0
-1300	550	-5.9	-4.6	-8.9	-9.2	-16.9	-23.2	-31.6	-40.4	931.0
-1300	575	-6.0	-5.2	-11.3	-11.1	-22.6	-23.8	-33.1	-34.5	999.0
-1300	600	-6.6	-5.6	-10.6	-10.0	-21.2	-21.3	-30.7	-34.0	1046.0
-1300	625	-3.8	-3.6	-7.6	-9.4	-16.8	-24.0	-31.5	-41.7	1060.0
-1300	650	-3.9	-1.4	-3.2	-4.1	-2.8	-24.0	-15.4	-52.0	1158.0
-1300	675	-3.0	-0.7	-1.8	-3.2	-0.6	-25.9	-17.7	-51.8	1146.0
-1300	700	-2.2	1.5	1.8	0.4	7.8	-18.9	-1.2	-45.9	942.0
-1300	725	-1.5	1.9	3.7	2.0	9.8	-16.2	-0.5	-42.2	996.0
-1300	750	-1.9	1.2	1.8	-2.5	2.2	-24.8	-7.1	-47.9	1037.0
-1300	775	-1.4	2.1	1.9	-1.4	3.3	-18.9	-3.6	-40.5	1012.0
-1300	800	-1.3	0.4	1.9	-0.9	3.8	-15.6	3.4	-33.4	880.0
-1300	825	0.5	1.8	3.6	4.1	11.2	-2.3	21.5	-16.1	808.0
-1200	-1400	-2.6	0.5	-2.7	2.4	1.8	7.0	9.3	8.3	1112.0
-1200	-1375	-2.8	0.6	-3.1	1.3	1.0	2.3	6.5	0.8	1490.0
-1200	-1350	-3.6	0.2	-3.4	0.4	0.0	0.3	4.5	-3.5	1505.0
-1200	-1325	-3.0	-1.0	-2.7	-2.1	-1.7	-8.8	-2.0	-20.9	1489.0
-1200	-1300	-2.2	-0.6	-2.0	-0.7	-0.1	-4.6	1.2	-12.8	1574.0
-1200	-1275	-2.7	-0.5	-2.9	-0.7	-0.6	-4.8	0.6	-11.2	1397.0
-1200	-1250	-3.0	-0.4	-3.1	0.8	0.3	0.7	4.1	-1.9	990.0
-1200	-1225	-1.7	-0.3	-2.5	1.1	0.6	1.8	5.2	-0.6	1137.0
-1200	-1200	-2.3	-0.2	-2.5	1.2	0.7	2.1	5.4	-0.3	954.0
-1200	-1175	-3.7	0.8	-2.8	3.8	1.9	11.3	10.7	18.4	912.0
-1200	-1150	-4.2	0.0	-3.4	2.7	1.1	8.1	8.5	11.5	890.0
-1200	-1125	-2.9	0.6	-2.7	4.1	2.6	12.7	11.8	21.2	791.0
-1200	-1100	-3.3	1.0	-3.1	2.1	1.4	5.6	7.8	5.2	976.0
-1200	-1075	-3.2	0.4	-3.1	1.9	1.5	5.6	8.1	5.9	1246.0
-1200	-1050	-3.8	-0.1	-3.9	1.2	0.4	2.8	5.6	0.3	1254.0
-1200	-1025	-2.6	-0.1	-2.7	1.2	1.5	1.3	7.7	-2.4	976.0
-1200	-1000	-3.1	0.6	-3.0	2.3	2.5	5.1	11.0	3.7	837.0
-1200	-975	-2.5	0.2	-1.9	-0.2	1.6	-4.7	5.2	-14.8	817.0
-1200	-950	-2.5	-0.2	-2.0	-0.1	2.0	-5.0	4.2	-18.3	727.0
-1200	-925	-3.1	-0.8	-3.7	-4.3	-6.5	-15.6	-12.1	-30.3	1558.0
-1200	-900	-3.4	-2.3	-5.1	-6.5	-10.7	-14.4	-16.2	-24.6	2826.0

-1200	-875	-3.6	-2.2	-5.3	-6.0	-10.9	-15.7	-17.0	-28.3	9437.0
-1200	-850	-3.4	-2.2	-4.7	-6.4	-10.7	-18.3	-17.7	-31.6	777.0
-1200	-825	-2.6	-1.1	-3.4	-3.5	-5.2	-10.7	-6.7	-21.9	1113.0
-1200	-800	-2.3	-0.1	-2.7	-1.0	0.0	-3.5	5.6	-14.6	931.0
-1200	-775	-3.4	2.1	-2.0	7.4	14.5	19.5	40.1	14.2	1036.0
-1200	-750	-2.9	1.0	-1.9	4.1	11.0	6.7	26.1	-6.2	1021.0
-1200	-725	0.5	1.2	0.9	4.0	12.5	4.0	23.3	-13.0	1083.0
-1200	-700	-2.6	0.7	-1.7	3.5	9.7	3.3	23.3	-11.4	1070.0
-1200	-675	-3.1	0.8	-2.2	2.5	8.5	1.1	19.8	-15.3	1046.0
-1200	-650	-3.2	-0.2	-2.3	2.2	7.6	0.2	18.5	-16.8	1022.0
-1200	-625	-3.6	-0.3	-3.2	1.3	6.0	-1.7	12.7	-23.7	1077.0
-1200	-600	-3.3	-0.5	-2.8	1.0	6.4	-3.1	14.4	-23.4	1092.0
-1200	-575	-3.6	0.1	-2.5	0.2	5.0	-6.6	11.0	-27.9	1153.0
-1200	-550	-3.4	-0.5	-2.7	-0.1	4.8	-7.1	10.1	-28.7	1299.0
-1200	-525	-2.0	-0.7	-2.9	0.5	4.0	-8.3	10.2	-27.7	1451.0
-1200	-500	-3.0	0.2	-2.5	0.3	5.0	-7.1	9.1	-29.9	1527.0
-1200	-475	-2.6	0.2	-2.4	-0.2	5.6	-6.7	11.5	-28.8	1532.0
-1200	-450	-2.6	-0.4	-2.2	-0.1	5.3	-5.4	11.1	-26.9	1605.0
-1200	-425	-3.6	-0.2	-2.3	-1.1	3.5	-8.8	7.1	-29.1	1662.0
-1200	-400	-3.0	0.0	-2.3	0.0	4.3	-7.7	8.5	-29.1	1457.0
-1200	-375	-2.7	-0.2	-2.3	0.7	6.7	-3.5	15.6	-23.9	1332.0
-1200	-350	-2.8	-0.7	-2.3	1.1	6.1	-3.9	13.1	-25.8	1294.0
-1200	-325	-3.3	0.0	-2.3	1.6	7.3	-1.3	18.3	-20.4	1280.0
-1200	-300	-3.4	0.0	-2.3	2.0	8.4	1.0	21.4	-17.4	1304.0
-1200	-275	-3.0	0.3	-2.2	1.3	7.5	-1.9	18.3	-20.3	1304.0
-1200	-250	-3.0	-0.3	-2.6	0.5	5.1	-5.0	12.2	-24.7	1348.0
-1200	-225	-3.2	-0.4	-2.3	-0.1	4.6	-6.6	10.3	-26.3	1486.0
-1200	-200	-3.5	0.2	-3.1	0.3	4.4	-5.5	9.7	-24.6	1471.0
-1200	-175	-3.1	0.0	-2.5	-0.5	3.3	-8.2	8.0	-27.8	1737.0
-1200	-150	-2.8	-0.1	-2.5	2.3	7.0	1.1	19.0	-14.7	1938.0
-1200	-125	-2.6	0.1	-1.9	2.6	8.8	3.0	23.4	-11.2	1244.0
-1200	-100	-2.3	0.1	-1.8	2.3	8.3	1.2	21.3	-16.5	999.0
-1200	-75	-2.4	0.1	-2.0	2.6	8.6	2.3	23.4	-12.3	847.0
-1200	-50	-3.4	-0.8	-2.6	0.8	5.7	-3.9	15.0	-23.0	799.0
-1200	-25	-3.5	0.0	-3.9	-0.3	4.9	-4.1	14.3	-21.8	812.0
-1200	0	-3.2	-0.2	-2.9	-1.2	1.4	-10.8	5.3	-30.1	785.0
-1200	25	-3.9	-0.2	-2.7	0.1	4.4	-5.3	10.2	-25.7	787.0
-1200	50	-3.4	0.1	-3.2	0.5	3.4	-6.4	10.6	-25.5	797.0
-1200	75	-3.3	0.0	-2.3	-1.0	2.4	-10.0	5.3	-29.5	818.0
-1200	100	-2.5	-0.1	-2.1	0.1	4.5	-5.8	9.8	-26.0	826.0
-1200	125	-3.3	-0.1	-2.0	1.0	5.6	-4.9	11.6	-24.5	824.0
-1200	150	-3.4	0.6	-1.7	1.1	6.6	-5.0	15.7	-23.3	820.0
-1200	175	-2.9	0.3	-1.5	0.6	6.0	-6.3	12.3	-28.5	798.0
-1200	200	-3.4	-0.1	-2.1	1.4	7.9	-3.1	17.2	-24.3	799.0
-1200	225	-2.4	0.3	-1.7	2.2	8.7	-2.3	18.8	-23.3	787.0
-1200	250	-3.5	0.1	-1.8	1.0	6.0	-5.7	10.2	-27.1	787.0
-1200	275	-2.6	-0.7	-1.7	-0.6	2.4	-12.6	2.6	-33.4	814.0
-1200	300	-3.6	-0.1	-2.2	-1.8	1.0	-14.7	-2.0	-35.6	839.0
-1200	325	-2.9	-0.3	-1.4	0.0	3.1	-11.1	2.0	-32.0	841.0
-1200	350	-2.4	0.9	-0.6	2.1	7.6	-6.0	12.6	-24.4	803.0
-1200	375	-3.1	2.0	0.0	4.9	12.8	-0.4	22.2	-20.4	813.0
-1200	400	-3.6	3.0	1.0	8.6	22.5	7.2	40.6	-14.7	827.0
-1200	425	-1.5	3.3	2.6	10.8	29.3	6.5	45.3	-25.4	839.0
-1200	450	-2.8	3.1	2.4	7.8	25.3	-1.9	36.2	-39.3	866.0
-1200	475	-2.5	0.5	-1.1	0.0	6.1	-15.6	0.6	-45.4	873.0
-1200	500	-3.4	-1.7	-5.1	-6.8	-10.3	-20.7	-22.3	-40.6	919.0
-1200	525	-3.8	-4.6	-8.2	-12.0	-22.3	-23.0	-36.1	-33.6	1017.0
-1200	550	-5.4	-6.7	-12.3	-16.5	-32.8	-27.4	-49.1	-34.4	1178.0
-1200	575	-4.7	-7.1	-12.2	-16.6	-32.0	-27.8	-48.9	-36.4	1239.0
-1200	600	-5.1	-6.9	-11.6	-15.4	-28.9	-30.0	-49.9	-40.8	1107.0

-1200	625	-3.3	-3.3	-4.9	-11.7	-21.8	-36.0	-50.8	-53.2	1088.0
-1200	650	-3.1	-2.9	-3.1	-12.3	-20.6	-38.6	-51.8	-56.2	1041.0
-1200	675	-2.4	-0.5	-1.4	-9.2	-14.5	-35.7	-40.0	-55.9	971.0
-1200	700	-1.6	0.0	-0.5	-7.6	-8.5	-31.8	-32.2	-57.0	876.0
-1200	725	-0.1	1.8	3.2	-2.0	3.7	-23.9	-10.6	-52.9	799.0
-1100	-1400	-1.7	0.3	-1.5	0.4	2.1	-0.3	7.4	-5.7	1243.0
-1100	-1375	-2.3	-0.7	-2.0	1.4	2.0	2.8	8.0	0.7	993.0
-1100	-1350	-1.8	0.4	-1.5	0.6	1.2	-0.9	6.7	-6.6	1096.0
-1100	-1325	-0.3	-0.3	-0.9	-0.4	1.3	-4.0	4.2	-12.2	1097.0
-1100	-1300	-1.6	-0.8	-1.7	-1.9	-0.5	-8.9	1.0	-20.1	1203.0
-1100	-1275	-1.2	-0.1	-1.2	-0.8	0.6	-5.3	3.4	-13.0	1068.0
-1100	-1250	-3.0	0.3	-2.8	-0.3	-0.9	-4.4	1.2	-11.4	1338.0
-1100	-1225	-2.8	0.0	-2.6	-0.3	-0.3	-3.3	3.5	-11.4	1160.0
-1100	-1200	-1.9	-0.2	-3.0	-0.2	-1.8	-2.6	3.7	-9.9	788.0
-1100	-1175	-2.4	-0.2	-2.2	1.2	1.6	1.9	7.5	-1.8	680.0
-1100	-1150	-3.8	0.2	-3.2	2.1	1.2	5.7	9.6	6.8	728.0
-1100	-1125	-3.9	0.9	-3.9	2.6	2.0	8.6	11.6	9.8	921.0
-1100	-1100	-3.4	1.1	-3.3	2.4	2.1	6.0	10.8	6.9	1294.0
-1100	-1075	-3.4	0.6	-2.9	2.2	2.6	5.7	12.6	3.9	811.0
-1100	-1050	-3.7	0.2	-2.8	2.1	2.9	3.5	12.3	-0.1	935.0
-1100	-1025	-3.2	-0.3	-2.8	1.2	3.2	-0.3	10.6	-9.7	1075.0
-1100	-1000	-4.0	0.6	-2.5	2.9	5.3	4.5	16.5	-1.6	1126.0
-1100	-975	-3.0	0.8	-1.7	4.1	8.9	4.5	24.0	-4.3	855.0
-1100	-950	-3.4	1.0	-0.7	2.2	8.5	-7.3	13.5	-26.6	777.0
-1100	-925	-3.3	-2.3	-3.3	-9.5	-17.3	-37.9	-44.5	-54.3	793.0
-1100	-900	-4.7	-6.1	-11.6	-21.4	-43.9	-37.5	-66.1	-43.8	1587.0
-1100	-875	-5.1	-8.0	-14.7	-23.8	-48.0	-33.1	-67.3	-36.1	2062.0
-1100	-850	-3.9	-7.7	-14.7	-24.1	-49.0	-33.9	-67.9	-37.7	2057.0
-1100	-825	-3.9	-7.6	-13.5	-23.0	-45.8	-35.1	-64.0	-40.4	1489.0
-1100	-800	-4.4	-6.8	-12.2	-20.5	-40.8	-34.8	-61.2	-43.5	679.0
-1100	-775	-3.6	-2.8	-6.5	-9.5	-20.3	-24.9	-31.1	-34.7	649.0
-1100	-750	-4.0	1.5	-1.0	5.0	11.1	-0.5	22.1	-15.1	816.0
-1100	-725	-3.4	2.2	1.4	7.1	17.5	-0.8	27.5	-22.0	845.0
-1100	-700	-3.4	0.8	-0.3	6.1	15.0	1.6	28.5	-16.5	893.0
-1100	-675	-3.0	2.1	-1.0	5.9	14.1	6.3	30.5	-8.5	906.0
-1100	-650	-3.3	1.0	-1.5	5.2	12.2	6.8	25.5	-9.9	1028.0
-1100	-625	-2.8	1.7	-1.9	4.1	11.6	5.6	26.0	-8.4	1085.0
-1100	-600	-3.8	1.5	-2.0	4.7	11.5	6.7	30.0	-2.5	1054.0
-1100	-575	-2.4	0.8	-1.6	4.1	10.7	5.1	24.3	-10.1	1032.0
-1100	-550	-3.1	-0.1	-1.9	1.3	6.8	-3.6	15.9	-21.8	1075.0
-1100	-525	-3.7	0.0	-3.6	0.8	4.0	-5.1	11.5	-24.3	1157.0
-1100	-500	-2.5	-0.1	-2.1	-0.5	3.8	-8.2	9.7	-27.8	1233.0
-1100	-475	-2.8	-0.2	-2.3	-0.2	3.4	-7.8	8.0	-29.6	1292.0
-1100	-450	-2.1	-0.1	-2.0	-0.7	3.1	-11.0	6.7	-31.7	1338.0
-1100	-425	-3.0	-0.6	-2.1	-1.0	2.2	-10.8	4.7	-31.5	1407.0
-1100	-400	-3.3	-0.4	-2.2	-0.9	3.5	-8.8	9.3	-28.6	1435.0
-1100	-375	-2.8	0.2	-2.7	-0.2	2.8	-8.8	7.5	-30.3	1460.0
-1100	-350	-3.1	0.4	-2.6	0.7	4.9	-4.7	14.3	-22.6	1463.0
-1100	-325	-3.3	0.3	-2.4	1.2	6.6	-1.4	18.8	-20.4	1596.0
-1100	-300	-3.2	0.5	-2.1	2.5	8.4	1.7	23.2	-11.1	1430.0
-1100	-275	-3.9	0.1	-2.9	2.0	7.1	-0.3	19.8	-20.1	1500.0
-1100	-250	-3.2	0.3	-2.7	1.1	6.2	-2.3	17.6	-20.8	1483.0
-1100	-225	-3.3	0.3	-2.5	0.9	5.5	-2.6	13.9	-20.8	1472.0
-1100	-200	-3.1	-0.4	-2.1	-0.1	3.9	-7.7	11.6	-23.1	1539.0
-1100	-175	-3.2	-0.4	-2.3	-0.4	3.5	-8.2	6.5	-28.5	1366.0
-1100	-150	-3.1	0.0	-2.5	-0.2	3.3	-8.3	8.0	-27.5	1424.0
-1100	-125	-3.3	-0.2	-2.4	1.1	5.8	-2.5	14.5	-21.0	1552.0
-1100	-100	-3.5	-0.3	-2.6	0.1	4.2	-6.1	11.4	-24.2	1267.0
-1100	-75	-3.2	0.4	-2.3	0.9	5.4	-3.8	14.6	-21.4	986.0
-1100	-50	-3.4	0.3	-2.1	2.3	7.3	0.9	20.7	-14.3	890.0

-1100	-25	-4.1	0.7	-2.3	4.2	10.2	8.7	27.9	-3.6	873.0
-1100	0	-3.9	0.6	-2.6	3.2	8.6	4.2	24.2	-9.6	857.0
-1100	25	-3.2	0.0	-2.4	3.1	8.2	3.3	23.3	-10.6	828.0
-1100	50	-3.3	0.7	-1.9	3.7	9.9	6.2	26.8	-7.4	800.0
-1100	75	-2.4	0.1	-1.7	1.9	6.9	-1.9	17.8	-18.3	816.0
-1100	100	-2.5	-0.2	-2.1	-0.8	2.7	-10.3	5.0	-30.6	813.0
-1100	125	-2.3	-0.9	-2.4	-2.1	0.4	-14.0	-1.4	-35.2	827.0
-1100	150	-2.9	0.0	-1.5	-0.4	3.8	-8.3	6.5	-27.8	809.0
-1100	175	-3.1	-0.1	-2.1	0.3	3.5	-8.2	8.2	-26.9	818.0
-1100	200	-3.7	0.1	-2.1	0.4	4.3	-7.8	9.5	-26.7	795.0
-1100	225	-3.9	0.4	-1.8	1.1	6.3	-6.2	10.3	-27.3	792.0
-1100	250	-3.8	0.7	-1.4	2.1	7.8	-6.0	12.4	-28.1	759.0
-1100	275	-3.1	0.8	-0.7	0.8	6.9	-10.4	6.0	-33.7	795.0
-1100	300	-3.6	0.4	-1.2	-0.4	4.1	-14.1	0.3	-38.0	779.0
-1100	325	-1.9	0.5	0.2	1.0	7.2	-12.8	4.5	-37.0	786.0
-1100	350	-2.3	1.8	1.2	3.1	13.2	-6.2	12.7	-34.5	775.0
-1100	375	-2.0	3.2	3.2	6.9	22.8	-0.7	34.3	-31.0	783.0
-1100	400	-1.0	3.2	4.3	9.3	28.4	0.6	40.7	-36.0	788.0
-1100	425	-2.7	1.4	0.8	3.2	15.9	-9.8	19.0	-43.9	811.0
-1100	450	-3.4	-2.4	-5.3	-7.3	-9.8	-22.3	-23.5	-43.2	833.0
-1100	475	-5.5	-6.5	-12.3	-15.5	-30.7	-28.1	-46.2	-34.8	889.0
-1100	500	-7.0	-8.3	-16.5	-18.4	-38.4	-26.3	-58.0	-32.2	1002.0
-1100	525	-5.9	-9.6	-17.3	-19.6	-39.7	-26.9	-57.6	-30.4	1235.0
-1100	550	-6.1	-7.9	-15.7	-18.0	-35.5	-27.9	-56.4	-35.7	1037.0
-1100	575	-4.3	-3.9	-6.8	-10.5	-17.7	-31.2	-41.2	-49.8	913.0
-1100	600	-1.8	0.7	3.2	-2.9	-0.2	-33.2	-28.2	-63.9	888.0
-1100	625	-0.2	3.5	8.6	0.3	10.8	-33.4	-14.0	-71.1	866.0
-1000	-1400	-2.0	0.4	-2.1	1.2	1.3	2.2	7.6	4.1	1291.0
-1000	-1375	-3.5	-0.1	-2.9	1.1	0.5	2.0	7.9	-0.2	1105.0
-1000	-1350	-2.9	0.2	-2.5	1.2	1.2	2.3	8.7	-0.4	1051.0
-1000	-1325	-3.9	0.2	-3.8	1.4	0.3	2.5	7.0	1.3	772.0
-1000	-1300	-4.1	0.0	-2.9	2.0	0.6	6.9	8.3	5.5	908.0
-1000	-1275	-2.5	-0.5	-3.4	-0.1	-0.7	-3.1	2.2	-13.4	936.0
-1000	-1250	-4.2	-0.6	-3.9	-0.5	-1.7	-4.6	1.1	-13.1	1048.0
-1000	-1225	-3.8	-0.4	-3.2	-0.9	-1.0	-5.5	2.0	-14.6	985.0
-1000	-1200	-3.4	0.1	-3.4	-1.3	-1.3	-7.2	0.7	-19.0	852.0
-1000	-1175	-3.7	0.0	-3.8	-1.4	-2.2	-8.3	-1.0	-21.1	784.0
-1000	-1150	-4.1	0.2	-3.5	-0.3	-1.1	-4.1	2.5	-13.9	765.0
-1000	-1125	-3.5	0.3	-3.5	1.5	1.6	3.1	11.1	-0.9	759.0
-1000	-1100	-3.0	0.7	-3.1	1.9	2.9	2.8	13.0	-2.3	762.0
-1000	-1075	-2.1	0.4	-1.3	1.9	4.9	2.7	13.2	-4.2	814.0
-1000	-1050	-4.1	0.8	-3.2	2.9	3.8	5.9	16.1	0.6	868.0
-1000	-1025	-4.1	0.8	-3.3	2.9	4.8	4.3	17.0	-4.1	927.0
-1000	-1000	-4.3	0.8	-2.4	2.9	6.4	3.6	18.1	-7.4	1218.0
-1000	-975	-3.2	2.0	-0.9	5.5	10.3	6.3	25.2	-3.4	1151.0
-1000	-950	-2.0	4.2	3.0	10.9	23.6	18.7	48.8	12.2	996.0
-1000	-925	-0.5	4.8	7.4	8.3	19.7	-3.1	33.7	-20.4	793.0
-1000	-900	-5.9	-12.8	-25.2	-28.2	-54.9	-27.6	-68.7	-30.1	867.0
-1000	-875	-8.8	-16.9	-35.5	-32.5	-66.7	-22.8	-79.7	-24.7	1234.0
-1000	-850	-6.4	-12.0	-26.2	-32.3	-64.1	-27.8	-79.6	-24.6	1504.0
-1000	-850	-10.4	-18.2	-37.1	-31.1	-66.4	-19.4	-79.6	-24.6	1504.0
-1000	-825	-6.7	-12.5	-26.9	-31.9	-63.7	-27.6	-73.9	-27.6	738.0
-1000	-800	-6.5	-13.2	-26.8	-31.6	-63.4	-28.7	-78.3	-29.1	588.0
-1000	-775	-5.9	-10.5	-21.4	-25.1	-54.8	-24.2	-65.0	-22.1	964.0
-1000	-750	-3.5	2.7	4.6	8.5	14.4	-4.8	20.7	-17.6	1201.0
-1000	-725	-2.9	6.0	9.9	17.4	31.6	0.5	37.8	-18.8	925.0
-1000	-700	-2.4	4.7	5.3	11.8	25.2	3.2	36.2	-15.6	826.0
-1000	-675	-3.0	2.7	2.0	8.1	19.0	5.8	32.5	-9.8	829.0
-1000	-650	-2.4	2.7	0.7	4.9	14.2	0.3	25.4	-18.0	759.0
-1000	-625	-1.7	1.4	1.6	4.4	14.0	0.4	24.1	-15.7	774.0

-1000	-600	-3.5	1.0	-1.6	2.4	8.3	-3.5	16.7	-22.6	805.0
-1000	-575	-3.5	-0.1	-2.1	0.6	5.1	-9.1	10.5	-28.9	869.0
-1000	-550	-3.2	-0.5	-2.5	-1.5	1.7	-14.7	-0.2	-39.9	921.0
-1000	-525	-3.9	-1.3	-3.4	-3.6	-2.8	-21.7	-11.4	-49.1	936.0
-1000	-500	-4.1	-0.6	-3.3	-4.0	-3.2	-21.8	-9.7	-46.2	986.0
-1000	-475	-3.6	-1.8	-3.0	-3.9	-3.2	-21.4	-10.8	-45.8	1096.0
-1000	-450	-3.3	-1.0	-3.0	-3.3	-2.4	-18.5	-8.9	-41.4	1137.0
-1000	-425	-3.2	-1.0	-2.9	-3.0	-1.7	-18.0	-7.5	-42.6	1299.0
-1000	-400	-3.3	-0.6	-3.6	-1.8	-0.3	-12.4	-0.1	-34.4	1568.0
-1000	-375	-3.0	-0.1	-2.6	0.3	4.0	-5.6	13.1	-21.9	1473.0
-1000	-350	-4.0	-0.1	-3.0	1.6	5.5	-0.2	17.4	-16.5	1379.0
-1000	-325	-2.7	0.8	-2.0	3.1	7.4	3.7	24.1	-6.2	1177.0
-1000	-300	-3.5	0.4	-2.6	3.9	8.2	8.4	27.9	1.4	1216.0
-1000	-275	-4.1	0.1	-3.4	1.3	4.3	-0.5	14.1	-13.4	1224.0
-1000	-250	-4.5	-0.2	-3.6	0.8	3.0	-2.4	11.9	-16.9	1166.0
-1000	-225	-3.1	0.4	-2.3	2.4	6.3	3.6	19.7	-8.0	1119.0
-1000	-200	-3.6	-0.1	-2.5	1.8	5.2	0.8	15.5	-13.0	1133.0
-1000	-175	-3.5	1.0	-3.0	1.7	5.1	1.5	17.5	-11.3	1402.0
-1000	-150	-4.3	0.2	-3.2	3.1	5.7	5.7	20.0	-3.3	1633.0
-1000	-125	-3.2	0.9	-1.8	4.1	8.9	9.7	26.0	-0.1	1281.0
-1000	-100	-2.7	0.9	-1.6	3.5	8.8	6.8	24.5	-3.8	1069.0
-1000	-75	-2.9	1.0	-2.0	2.8	7.1	2.2	20.7	-11.4	1298.0
-1000	-50	-3.9	0.6	-2.4	3.2	7.4	4.6	22.6	-7.7	1488.0
-1000	-25	-2.9	0.5	-2.2	3.8	8.4	6.5	25.0	-3.0	1062.0
-1000	0	-3.3	0.6	-2.6	3.1	7.3	4.8	23.4	-7.6	922.0
-1000	25	-3.6	1.1	-2.3	3.5	8.3	6.2	23.1	-6.3	880.0
-1000	50	-4.0	0.5	-2.7	3.5	8.1	6.2	25.5	-4.9	846.0
-1000	75	-4.0	0.0	-3.3	2.3	6.3	1.5	19.3	-10.0	839.0
-1000	100	-4.3	0.2	-2.6	1.4	5.1	-2.3	14.3	-18.0	820.0
-1000	125	-3.5	0.4	-2.6	1.3	4.6	-2.8	12.5	-19.1	829.0
-1000	150	-3.0	0.0	-2.5	0.1	2.6	-7.4	7.0	-25.9	831.0
-1000	175	-3.9	0.6	-2.5	0.9	4.2	-4.6	9.1	-22.9	812.0
-1000	200	-4.4	0.4	-2.4	0.5	3.4	-10.0	5.7	-29.5	798.0
-1000	225	-3.9	0.3	-2.0	1.4	6.8	-9.1	8.4	-32.0	784.0
-1000	250	-3.9	1.5	-1.8	3.4	10.4	-4.3	17.5	-27.5	792.0
-1000	275	-2.8	1.0	0.3	3.0	12.2	-6.9	16.4	-30.8	813.0
-1000	300	-2.2	1.9	1.3	5.7	18.3	-1.1	27.5	-27.7	791.0
-1000	325	-1.9	3.6	3.6	8.0	25.4	-0.3	40.4	-29.0	768.0
-1000	350	0.1	5.5	7.2	13.5	36.5	12.6	60.6	-18.2	792.0
-900	-1375	-2.2	-0.2	-2.1	0.8	1.1	0.6	7.0	-3.1	1400.0
-900	-1350	-2.5	0.4	-3.0	1.1	1.2	3.3	7.1	-0.2	1168.0
-900	-1325	-1.8	-0.6	-1.8	0.3	0.7	-1.4	5.8	-7.1	1347.0
-900	-1300	-2.6	-0.1	-2.3	-0.4	0.7	-2.8	5.1	-10.9	957.0
-900	-1275	-3.2	0.1	-2.9	-0.5	-0.2	-3.6	3.2	-13.0	969.0
-900	-1250	-3.4	0.0	-3.3	-0.8	-0.8	-3.2	3.0	-10.8	1382.0
-900	-1225	-3.3	0.2	-2.5	0.6	1.1	0.6	7.6	-4.4	906.0
-900	-1200	-4.1	-0.4	-3.5	0.1	-0.1	-1.0	5.5	-6.7	811.0
-900	-1175	-3.3	-0.2	-3.3	-0.7	-1.2	-5.1	1.8	-13.9	785.0
-900	-1150	-1.2	-0.6	-1.9	-1.5	-0.3	-8.2	0.8	-22.2	780.0
-900	-1125	-2.5	-0.3	-3.0	-1.2	-0.6	-6.4	2.0	-16.6	785.0
-900	-1100	-3.7	0.3	-3.3	1.3	1.8	1.8	10.8	-3.6	764.0
-900	-1075	-4.0	0.5	-3.6	1.3	1.6	2.1	11.4	-1.9	816.0
-900	-1050	-3.6	-0.5	-3.6	0.3	0.7	-3.1	6.3	-13.1	891.0
-900	-1025	-3.6	0.4	-2.5	0.8	2.3	-0.8	11.4	-10.5	860.0
-900	-1000	-3.6	0.3	-2.6	1.2	3.5	-0.4	12.5	-11.8	821.0
-900	-975	-3.1	0.8	-2.3	1.2	4.3	-2.5	13.2	-15.0	1034.0
-900	-950	-2.9	0.8	-1.7	1.2	4.8	-4.2	12.0	-20.6	1105.0
-900	-925	-2.6	1.0	-1.0	1.9	7.7	-3.2	16.8	-20.6	1037.0
-900	-900	-0.7	3.6	4.2	8.3	23.4	6.9	44.2	-16.6	842.0
-900	-875	-4.0	-3.0	-6.0	-6.5	-9.0	-22.3	-19.5	-42.7	911.0

-900	-850	-10.8	-15.3	-28.8	-24.0	-52.1	-27.9	-67.8	-32.9	1324.0
-900	-825	-14.4	-19.0	-37.4	-24.6	-58.4	-20.4	-73.4	-23.1	2046.0
-900	-800	-16.4	-20.6	-41.2	-23.4	-59.9	-18.4	-73.8	-18.9	1317.0
-900	-775	-18.2	-21.7	-41.8	-23.6	-61.1	-20.1	-73.9	-21.7	1190.0
-900	-750	-13.8	-16.1	-32.2	-21.2	-52.1	-21.2	-66.5	-21.5	1328.0
-900	-725	-4.2	-2.9	-6.8	-8.5	-16.7	-13.8	-22.0	-20.0	1048.0
-900	-700	3.3	8.1	11.7	8.6	22.3	5.1	34.8	-4.4	906.0
-900	-675	3.9	7.3	11.7	10.1	24.2	9.6	38.6	1.4	1003.0
-900	-650	3.2	4.2	8.8	6.7	19.8	2.8	31.0	-10.4	729.0
-900	-625	-0.2	3.6	5.1	4.8	14.0	-0.7	21.7	-14.2	778.0
-900	-600	-0.6	1.7	2.3	-0.7	5.5	-16.2	2.8	-37.2	856.0
-900	-575	-1.5	1.5	0.6	0.5	6.2	-8.8	7.3	-27.6	840.0
-900	-550	-2.4	1.2	-0.6	1.8	5.9	-3.5	11.8	-16.0	836.0
-900	-525	-2.8	0.4	-0.7	3.3	7.7	2.8	17.7	-6.7	829.0
-900	-500	-3.3	1.5	-1.2	7.5	12.2	17.8	31.2	18.8	864.0
-900	-475	-3.5	2.3	-1.9	9.4	13.2	26.0	37.5	34.6	891.0
-900	-450	-3.1	2.1	-2.0	7.9	10.9	21.9	32.5	26.8	1728.0
-900	-425	-3.4	1.0	-3.0	5.5	7.6	13.7	24.1	13.8	1404.0
-900	-400	-3.4	-0.1	-2.2	1.6	4.0	0.0	11.3	-8.4	1320.0
-900	-375	-2.7	-0.6	-1.9	-1.1	0.4	-10.1	0.6	-25.3	1709.0
-900	-350	-2.7	-2.0	-2.9	-5.2	-5.8	-23.9	-18.4	-46.3	1576.0
-900	-325	-2.7	-1.0	-3.1	-5.9	-6.9	-24.2	-20.6	-44.6	1081.0
-900	-300	-2.4	-0.5	-2.2	-0.8	1.5	-7.8	5.9	-22.0	991.0
-900	-275	-2.5	0.4	-2.0	-0.2	2.3	-5.2	7.4	-16.8	1261.0
-900	-250	-4.1	0.1	-3.0	1.0	2.7	-0.8	10.7	-11.1	1433.0
-900	-225	-4.0	0.6	-3.4	2.8	4.8	5.2	19.0	-0.5	1270.0
-900	-200	-3.0	0.4	-2.5	1.5	4.8	0.6	16.4	-9.2	1111.0
-900	-175	-3.0	0.4	-1.9	2.7	7.5	4.5	22.3	-5.4	1044.0
-900	-150	-3.2	0.7	-2.3	4.7	9.2	10.3	28.3	2.7	1094.0
-900	-125	-3.6	0.8	-2.4	3.5	7.2	7.0	22.7	0.6	1307.0
-900	-100	-3.1	0.3	-2.4	1.9	5.3	1.5	16.8	-9.8	1259.0
-900	-75	-4.1	0.0	-2.9	1.1	3.5	-2.8	12.9	-17.7	1050.0
-900	-50	-3.3	0.7	-2.3	2.1	6.3	2.3	19.2	-10.6	978.0
-900	-25	-3.4	0.9	-2.4	2.0	5.7	0.5	16.8	-13.1	937.0
-900	0	-3.9	0.5	-3.1	2.6	5.6	2.6	18.0	-9.0	916.0
-900	25	-4.7	0.7	-3.7	2.6	4.8	2.2	16.3	-10.8	908.0
-900	50	-4.1	1.2	-2.7	3.9	7.7	7.2	24.0	-0.6	879.0
-900	75	-3.6	0.4	-2.0	3.8	8.0	6.4	22.6	-4.5	851.0
-900	100	-3.2	0.6	-2.1	2.3	6.6	1.5	19.8	-11.5	865.0
-900	125	-3.2	0.3	-1.7	2.6	7.2	0.7	19.7	-11.5	825.0
-900	150	-3.2	0.7	-1.3	1.0	7.9	-1.2	15.0	-17.0	780.0
-900	175	-2.7	0.0	-1.1	1.0	6.2	-6.6	9.2	-26.2	799.0
-900	200	-3.3	0.6	-1.3	0.5	5.1	-10.1	5.1	-31.0	787.0
-900	225	-1.8	0.5	0.3	2.7	10.4	-5.8	13.6	-27.4	787.0
-900	250	-2.1	1.4	0.3	5.6	14.5	1.9	24.2	-15.7	818.0
-800	-1400	-3.3	-0.7	-3.6	0.6	-0.3	0.6	6.0	-4.7	1392.0
-800	-1375	-2.1	-0.3	-1.9	0.9	1.7	2.1	7.9	-1.8	1197.0
-800	-1350	-2.3	-0.4	-2.4	0.0	0.5	-1.3	5.9	-7.1	1211.0
-800	-1325	-3.5	-0.8	-3.1	-1.0	-0.9	-5.8	1.9	-15.8	1191.0
-800	-1300	-2.9	-0.3	-3.2	0.2	-0.2	-0.3	5.0	-5.0	1971.0
-800	-1275	-2.9	-0.4	-3.0	1.3	1.2	2.8	9.3	0.4	1204.0
-800	-1250	-3.1	1.0	-3.3	3.5	2.4	11.5	15.3	16.7	877.0
-800	-1225	-2.5	-0.5	-2.0	0.7	2.1	1.6	10.4	-2.3	956.0
-800	-1200	-4.1	0.2	-3.7	1.0	0.6	2.0	9.3	-1.8	826.0
-800	-1175	-3.9	0.2	-3.5	0.6	0.3	0.8	7.8	-4.4	770.0
-800	-1150	-3.7	-0.5	-3.4	-2.2	-2.2	-10.0	-1.7	-23.6	762.0
-800	-1125	-4.6	-0.9	-3.9	-2.1	-2.1	-10.3	-1.8	-24.5	743.0
-800	-1100	-4.3	-1.1	-3.8	-1.3	-1.8	-8.2	1.0	-22.5	755.0
-800	-1075	-3.6	-0.1	-3.6	0.3	1.1	-1.3	9.4	-8.1	741.0
-800	-1050	-3.9	-0.7	-3.8	0.2	0.8	-2.8	9.0	-13.5	816.0

-800	-1025	-4.0	-0.6	-3.3	-1.0	0.1	-7.9	3.8	-22.3	813.0
-800	-1000	-3.3	-0.4	-2.6	0.4	2.5	-3.8	8.8	-16.8	842.0
-800	-975	-2.7	-0.2	-2.0	0.7	4.0	-3.0	11.1	-14.4	869.0
-800	-950	-3.1	0.3	-1.4	1.0	5.5	-3.1	11.9	-18.1	896.0
-800	-925	-1.3	0.8	-0.5	1.1	6.7	-6.5	12.2	-24.1	955.0
-800	-900	-3.0	1.5	0.4	4.2	11.2	-0.5	22.8	-18.3	981.0
-800	-875	-1.5	3.4	3.2	10.1	24.1	17.4	52.8	8.9	984.0
-800	-850	-1.1	4.7	4.7	12.4	27.4	18.7	54.7	4.6	923.0
-800	-825	-3.0	-2.7	-4.6	-5.8	-6.4	-20.8	-16.6	-42.9	1101.0
-800	-800	-6.3	-9.3	-17.0	-17.1	-34.7	-27.1	-52.9	-36.1	1201.0
-800	-775	-9.6	-13.0	-25.6	-21.5	-47.9	-25.7	-62.4	-28.6	1078.0
-800	-750	-11.1	-14.4	-28.6	-21.8	-49.8	-23.0	-63.3	-26.1	1080.0
-800	-725	-11.9	-15.4	-30.4	-22.5	-52.3	-23.2	-65.4	-24.3	949.0
-800	-700	-10.3	-12.0	-24.5	-18.9	-43.6	-23.7	-57.7	-28.2	884.0
-800	-675	-2.2	4.0	5.9	4.8	9.4	-6.5	10.0	-15.4	1032.0
-800	-650	0.4	8.3	13.4	10.2	23.0	0.5	30.3	-10.9	797.0
-800	-625	1.0	6.6	9.6	6.9	19.8	-0.6	26.0	-14.3	785.0
-800	-600	-0.8	3.4	5.9	3.6	10.7	-8.1	13.5	-23.2	852.0
-800	-575	-1.4	2.7	2.3	3.0	10.1	-2.7	14.6	-15.5	714.0
-800	-550	-2.1	1.4	0.6	1.3	6.4	-7.1	8.9	-21.9	721.0
-800	-525	-1.8	1.0	0.0	3.0	7.8	2.1	15.4	-4.3	717.0
-800	-500	-3.1	1.2	-1.2	4.2	7.1	7.8	19.3	3.8	747.0
-800	-475	-2.1	1.8	-1.2	6.7	9.6	17.3	25.7	21.8	843.0
-800	-450	-2.6	2.3	-1.4	8.5	10.3	24.7	28.9	34.4	835.0
-800	-425	-2.5	1.0	-1.3	6.2	9.1	16.7	26.2	21.0	878.0
-800	-400	-2.7	1.0	-2.0	5.4	7.8	15.9	25.7	19.2	1478.0
-800	-375	-3.3	1.6	-2.8	5.2	7.6	14.8	11.4	-5.2	2139.0
-800	-350	-3.1	-0.5	-2.1	-0.3	1.2	-6.1	11.7	-6.9	2375.0
-800	-325	-2.7	0.2	-1.7	-0.5	1.2	-6.8	-5.9	-31.9	1394.0
-800	-300	-1.8	-0.9	-1.6	-3.1	-2.2	-15.2	-4.1	-29.5	1083.0
-800	-275	-2.0	-0.1	-1.3	-1.8	-0.6	-10.6	-9.0	-30.0	939.0
-800	-250	-1.5	-0.3	-1.2	-2.3	-0.4	-10.3	3.3	-13.8	905.0
-800	-225	-3.6	-0.7	-3.3	-0.7	-1.1	-6.4	-0.1	-18.6	951.0
-800	-200	-4.1	0.3	-3.1	2.8	4.3	6.1	15.5	1.2	1029.0
-800	-175	-4.1	0.6	-3.3	4.7	6.8	12.7	23.3	12.4	1047.0
-800	-150	-4.5	1.4	-3.1	5.1	6.4	13.6	20.2	13.8	1049.0
-800	-125	-4.4	1.1	-3.2	5.3	7.9	13.8	26.9	14.9	1079.0
-800	-100	-3.3	0.4	-2.7	4.3	7.2	10.2	24.0	7.0	1085.0
-800	-75	-3.7	1.0	-2.9	4.7	7.9	12.7	22.4	7.9	977.0
-800	-50	-3.7	1.6	-2.4	5.8	9.1	13.6	26.9	10.0	934.0
-800	-25	-2.8	0.3	-1.8	4.3	8.5	7.9	20.7	-4.5	920.0
-800	0	-3.9	0.0	-2.5	1.3	4.7	0.4	14.1	-13.9	911.0
-800	25	-3.4	-0.5	-2.2	-1.0	0.8	-11.0	2.2	-28.7	915.0
-800	50	-2.7	-0.4	-2.2	-0.7	1.3	-10.4	2.5	-28.2	899.0
-800	75	-4.0	0.6	-2.7	-0.4	2.4	-8.7	7.8	-25.7	865.0
-800	100	-4.2	-0.6	-3.2	-0.7	1.2	-9.1	1.9	-27.3	840.0
-800	125	-5.3	-0.4	-3.8	-1.9	-0.6	-14.7	-4.0	-34.7	797.0
-800	150	-4.7	0.9	-3.0	1.2	5.0	-7.2	7.0	-27.7	804.0
-800	175	-4.0	1.8	-1.4	5.9	14.5	3.5	25.6	-16.1	801.0
-800	200	-3.9	2.2	0.7	7.3	17.3	5.1	26.7	-14.4	806.0
-700	-1400	-4.5	0.6	-3.9	3.9	3.5	14.1	16.1	22.0	1505.0
-700	-1375	-3.1	0.6	-2.5	2.1	2.2	6.6	11.8	7.6	1405.0
-700	-1350	-3.3	-0.4	-2.9	0.1	0.1	-1.0	5.7	-6.9	1260.0
-700	-1325	-3.5	-0.2	-3.0	0.3	0.1	-1.9	5.6	-8.0	981.0
-700	-1300	-2.4	0.1	-2.8	-0.4	0.1	-3.8	4.9	-13.7	1013.0
-700	-1275	-3.6	-0.2	-3.6	0.0	-1.4	-2.7	2.3	-8.6	1009.0
-700	-1250	-4.4	-0.6	-4.3	-2.4	-3.5	-9.8	-2.8	-22.8	950.0
-700	-1225	-3.6	-0.3	-3.4	-0.4	-1.1	-3.1	3.8	-9.6	825.0
-700	-1200	-3.5	-0.2	-3.9	-1.0	-2.1	-5.1	1.6	-15.7	1008.0
-700	-1175	-4.9	-0.8	-4.1	-2.1	-3.9	-10.8	-2.6	-24.2	777.0

-700	-1150	-3.5	-0.5	-3.9	-1.7	-1.9	-8.4	0.1	-22.6	797.0
-700	-1125	-2.7	-0.5	-3.2	-3.0	-3.1	-13.6	-5.4	-30.0	857.0
-700	-1100	-4.1	-0.8	-3.8	-1.9	-2.5	-10.7	-2.8	-26.1	725.0
-700	-1075	-3.8	-0.2	-3.3	-1.9	-2.2	-11.6	-2.8	-26.8	705.0
-700	-1050	-4.5	-1.1	-4.0	-2.2	-2.5	-12.0	-3.3	-29.6	793.0
-700	-1025	-4.2	-0.2	-3.6	-1.2	-0.7	-8.0	1.2	-23.6	793.0
-700	-1000	-4.7	0.2	-3.5	0.2	0.7	-3.7	5.8	-14.7	784.0
-700	-975	-3.0	-0.5	-2.9	0.4	1.8	-3.7	8.1	-13.7	754.0
-700	-950	-3.0	0.3	-2.7	1.9	3.4	0.3	11.9	-9.1	841.0
-700	-925	-4.6	0.3	-3.3	2.2	4.1	0.6	15.0	-6.0	888.0
-700	-900	-3.2	1.6	-2.0	4.5	8.9	8.0	26.0	2.1	949.0
-700	-875	-3.4	1.3	-1.6	4.7	9.7	6.6	24.9	-1.4	917.0
-700	-850	-3.0	1.4	-0.4	4.5	11.2	3.5	24.5	-8.2	902.0
-700	-825	-2.0	2.0	1.6	6.8	16.8	8.2	33.6	-4.5	925.0
-700	-800	-1.6	2.4	1.4	4.2	12.8	0.0	23.8	-16.8	907.0
-700	-775	-3.9	-2.5	-5.7	-7.2	-12.0	-19.9	-19.3	-36.0	1161.0
-700	-750	-7.0	-6.8	-15.5	-14.4	-31.4	-23.2	-45.9	-32.0	1505.0
-700	-725	-10.0	-10.8	-21.5	-16.9	-39.9	-21.1	-52.0	-26.5	2023.0
-700	-700	-11.8	-11.5	-25.3	-17.6	-43.1	-20.9	-56.0	-25.9	1139.0
-700	-675	-10.7	-11.8	-22.5	-16.0	-39.0	-20.4	-51.8	-26.6	841.0
-700	-650	-7.7	-7.3	-14.5	-11.0	-28.9	-20.7	-35.3	-26.3	899.0
-700	-625	-2.5	2.0	-0.3	1.8	5.3	-2.0	10.2	-12.9	846.0
-700	-600	-0.6	3.6	3.9	2.0	10.4	-7.0	14.6	-23.7	814.0
-700	-575	1.6	3.5	5.4	1.9	10.9	-8.2	13.7	-25.6	773.0
-700	-550	0.5	3.2	3.5	1.9	9.4	-6.6	13.2	-22.5	769.0
-700	-525	-1.1	2.0	1.7	1.8	7.3	-4.7	11.8	-19.7	744.0
-700	-500	-1.6	1.4	0.6	2.3	7.3	-0.7	13.9	-9.8	743.0
-700	-475	-2.2	1.4	-0.7	3.9	7.8	6.4	18.5	1.8	744.0
-700	-450	-2.7	1.4	-1.7	3.2	6.1	5.6	16.7	1.4	768.0
-700	-425	-2.8	0.9	-2.2	3.5	5.6	6.9	16.8	2.3	789.0
-700	-400	-3.2	0.4	-2.4	2.4	4.4	2.9	13.3	-1.0	850.0
-700	-375	-3.9	0.4	-2.9	1.7	2.5	1.6	7.5	-5.8	1066.0
-700	-350	-4.0	0.3	-3.1	0.8	1.3	-2.5	6.4	-11.6	1186.0
-700	-325	-4.5	-0.4	-3.3	-0.8	-0.2	-8.2	2.8	-21.7	1206.0
-700	-300	-4.0	0.1	-3.3	0.7	1.0	-1.8	5.5	-10.4	1007.0
-700	-275	-3.3	0.4	-3.0	0.2	1.1	-3.2	5.0	-14.0	941.0
-700	-250	-4.5	0.5	-3.7	0.8	1.3	-1.5	8.1	-9.2	908.0
-700	-225	-4.2	0.3	-3.1	1.8	3.0	2.0	12.8	-4.8	969.0
-700	-200	-3.0	1.2	-2.7	3.4	5.6	7.3	20.2	4.3	911.0
-700	-175	-3.5	1.2	-2.3	5.6	8.6	14.9	28.3	15.4	876.0
-700	-150	-4.1	0.9	-2.8	1.9	4.8	2.7	16.7	-6.8	855.0
-700	-125	-3.6	1.1	-2.9	3.4	6.3	5.5	19.4	-2.8	902.0
-700	-100	-3.6	1.5	-2.3	5.3	10.1	12.3	27.6	6.2	909.0
-700	-75	-4.0	0.0	-3.0	1.3	4.9	-1.8	13.6	-18.2	865.0
-700	-50	-4.1	0.3	-3.1	-0.7	2.2	-10.4	4.0	-30.8	878.0
-700	-25	-3.8	0.0	-3.2	-1.1	1.8	-10.9	2.8	-32.3	855.0
-700	0	-3.6	0.7	-2.1	3.5	9.1	4.1	24.1	-11.0	838.0
-700	25	-3.3	1.5	-1.4	3.9	9.9	3.6	22.9	-12.9	831.0
-700	50	-4.7	0.8	-2.9	1.6	5.6	-3.7	11.9	-21.5	819.0
-700	75	-3.7	0.3	-2.2	1.4	3.5	-8.8	6.6	-28.5	818.0
-700	100	-3.6	0.7	-2.2	2.0	7.7	-3.8	13.8	-20.2	800.0
-700	125	-3.4	0.6	-2.1	2.1	6.4	-3.8	10.0	-24.2	828.0
-700	150	-3.6	0.7	-1.0	2.1	8.1	-5.8	13.0	-23.4	793.0
-700	175	-3.0	1.9	-0.1	5.7	14.7	2.6	24.6	-16.7	814.0
-700	200	-1.6	2.5	1.7	7.6	22.3	12.5	41.5	-3.9	787.0
-600	-1400	-3.8	-0.5	-3.8	1.0	-0.1	1.9	7.7	-1.1	1754.0
-600	-1375	-1.8	-0.4	-2.3	-0.2	-0.2	-1.4	4.3	-7.5	1405.0
-600	-1350	-1.2	-0.6	-1.6	-2.0	-1.3	-8.4	-1.1	-19.0	1234.0
-600	-1325	-2.1	-0.9	-2.5	-2.3	-2.4	-10.1	-0.2	-22.8	1024.0
-600	-1300	-2.6	-0.8	-2.7	-1.1	-1.6	-5.8	-1.3	-14.3	975.0

-600 -1275	-2.9	-0.4	-3.2	0.3	-0.6	-1.5	3.1	-7.7	310.0
-600 -1250	-3.5	-0.3	-3.4	-0.3	-1.4	-3.6	1.1	-8.9	159.0
-600 -1225	-3.1	-0.2	-2.8	1.9	1.6	4.7	9.1	3.9	490.0
-600 -1200	-3.8	0.7	-3.2	2.3	2.2	6.0	12.1	6.0	527.0
-600 -1175	-3.1	0.5	-2.4	3.2	3.3	8.5	13.9	9.5	641.0
-600 -1150	-3.4	0.6	-2.9	3.1	3.0	8.6	14.7	11.5	692.0
-600 -1125	-3.0	0.1	-2.9	2.4	2.1	5.5	12.3	5.5	715.0
-600 -1100	-4.1	0.4	-3.3	2.4	2.2	6.4	12.7	9.5	888.0
-600 -1075	-3.7	0.4	-3.0	1.8	1.7	3.5	8.5	-0.2	1146.0
-600 -1050	-4.2	-0.1	-3.1	1.1	0.7	0.4	6.1	-5.2	879.0
-600 -1025	-2.7	-0.2	-2.8	0.2	1.2	-2.3	3.6	-12.5	693.0
-600 -1000	-3.9	0.2	-3.4	0.0	-0.3	-3.5	1.9	-12.7	706.0
-600 -975	-3.4	-0.3	-2.9	1.0	1.0	-1.0	5.3	-7.7	740.0
-600 -950	-2.9	0.3	-3.1	1.0	1.2	-0.7	6.9	-7.4	722.0
-600 -925	-2.7	0.8	-2.5	2.3	2.9	2.8	10.1	-2.4	791.0
-600 -900	-4.1	0.5	-3.2	3.2	3.8	6.7	13.9	5.4	829.0
-600 -875	-3.6	0.8	-2.2	3.7	5.5	7.4	16.8	6.3	958.0
-600 -850	-2.3	1.3	-1.2	4.0	7.2	7.9	18.8	4.8	932.0
-600 -825	-3.3	1.3	-1.6	4.3	7.5	7.3	18.5	1.8	946.0
-600 -800	-3.7	2.0	-1.5	5.2	9.1	8.8	23.4	5.9	960.0
-600 -775	-1.2	2.0	0.4	5.4	11.7	8.3	25.1	0.4	1027.0
-600 -725	-4.1	-3.3	-6.9	-5.8	-15.7	-18.0	-23.2	-30.5	1139.0
-600 -700	-6.8	-5.7	-11.6	-9.6	-20.7	-17.9	-29.3	-27.0	1098.0
-600 -675	-7.6	-6.7	-14.3	-10.8	-25.3	-17.9	-34.9	-26.3	1212.0
-600 -650	-8.0	-6.5	-14.4	-10.9	-25.3	-18.4	-35.4	-26.7	1684.0
-600 -625	-5.8	-5.6	-11.3	-10.0	-21.3	-20.4	-32.1	-31.0	1066.0
-600 -600	-3.5	-0.7	-4.3	-2.5	-3.7	-7.1	-2.3	-17.3	902.0
-600 -575	-2.1	1.0	0.5	0.7	5.5	-6.7	8.8	-24.2	846.0
-600 -550	-1.0	2.2	2.1	1.3	8.0	-6.7	12.5	-22.8	801.0
-600 -525	-1.8	2.4	1.5	2.0	7.6	-2.8	11.4	-15.8	779.0
-600 -500	-1.7	1.9	0.8	3.7	8.6	3.4	19.0	-4.5	768.0
-600 -475	-2.2	1.6	-0.3	4.9	8.8	8.7	21.6	2.7	738.0
-600 -450	-2.5	1.8	-1.0	3.2	7.0	4.0	16.7	-3.0	712.0
-600 -425	-3.1	0.5	-2.1	2.9	5.7	4.7	15.9	-2.0	730.0
-600 -400	-2.9	0.5	-1.9	2.8	5.4	5.5	1.1	0.4	768.0
-600 -375	-3.7	0.1	-2.3	2.2	4.2	3.2	0.7	0.1	931.0
-600 -350	-3.0	0.7	-2.4	1.4	3.2	-0.3	9.6	-9.2	903.0
-600 -325	-3.8	-0.3	-2.8	1.0	2.3	-0.8	8.9	-9.9	940.0
-600 -300	-3.8	1.1	-2.5	4.7	6.2	12.3	21.4	14.9	920.0
-600 -275	-3.0	1.6	-2.6	5.2	7.2	13.9	23.8	15.1	885.0
-600 -250	-3.5	0.6	-2.6	3.8	6.8	8.6	22.1	6.2	896.0
-600 -225	-3.7	0.4	-2.9	2.5	5.3	3.9	18.1	-4.7	863.0
-600 -200	-3.2	0.6	-2.6	2.1	5.1	0.9	15.2	-9.7	847.0
-600 -175	-3.9	0.1	-2.5	1.8	4.7	-0.1	15.4	-13.1	871.0
-600 -150	-3.9	-0.4	-2.9	-1.7	0.4	-11.1	1.7	-29.2	850.0
-600 -125	-2.7	-0.8	-2.9	-3.4	-2.3	-18.8	-7.7	-42.4	858.0
-600 -100	-2.9	-0.5	-2.5	-2.9	-0.8	-18.3	-5.2	-44.6	878.0
-600 -75	-3.4	0.2	-2.0	-0.8	2.8	-11.3	4.0	-34.8	848.0
-600 -50	-2.8	1.2	-1.6	2.9	9.3	-0.2	22.4	-17.4	844.0
-600 -25	-3.6	1.3	-1.4	3.7	10.8	2.7	25.9	-17.5	798.0
-600 0	-4.0	0.6	-2.1	3.5	10.8	1.6	22.3	-17.6	796.0
-600 25	-4.9	-0.7	-5.0	2.7	7.2	-0.2	16.5	-21.5	806.0
-600 50	-6.5	-1.1	-6.2	2.0	4.1	0.6	11.2	-13.3	830.0
-600 75	-5.8	-1.5	-6.4	-0.1	-0.3	-5.4	-1.0	-23.7	848.0
-600 100	-5.5	-1.5	-5.3	-0.9	-1.0	-9.6	-4.3	-27.6	812.0
-600 125	-4.7	0.0	-3.4	1.6	4.0	-5.5	7.9	-22.7	832.0
-600 150	-3.6	1.3	-1.3	2.4	7.2	-2.2	11.3	-18.0	803.0
-600 175	-2.7	0.8	-0.7	1.4	4.7	-5.8	9.0	-21.0	821.0
-600 200	-0.8	-0.2	0.7	-1.6	1.7	-10.9	1.5	-25.3	807.0
-500 -1400	-1.2	0.6	-0.9	1.9	3.7	5.0	8.5	0.2	1577.0

-500	-1375	-2.4	0.8	-1.9	3.2	3.6	10.0	16.3	13.7	1541.0
-500	-1350	-2.7	-0.6	-2.4	-0.6	-0.4	-5.1	2.5	-14.5	1612.0
-500	-1325	-2.6	-0.6	-2.8	-0.1	0.2	-3.3	2.8	-11.5	1307.0
-500	-1300	-0.2	-0.3	0.2	-0.7	1.5	-4.4	0.5	-12.4	897.0
-500	-1275	-2.6	-0.9	-3.3	-1.7	-2.5	-9.5	-2.3	-20.5	568.0
-500	-1250	-3.8	-0.7	-3.7	-2.0	-3.8	-10.4	-8.6	-22.2	740.0
-500	-1225	-4.0	-0.6	-3.8	-1.7	-3.4	-7.9	-5.2	-19.3	948.0
-500	-1200	-3.8	0.4	-3.6	2.5	0.5	7.2	9.4	8.9	732.0
-500	-1175	-3.6	0.7	-3.1	3.1	1.8	10.0	10.9	13.2	773.0
-500	-1150	-4.0	0.6	-4.6	3.8	0.9	12.9	11.4	18.1	791.0
-500	-1125	-3.4	0.9	-2.9	4.1	2.7	13.0	10.4	17.7	697.0
-500	-1100	-4.7	0.0	-3.6	2.8	1.2	7.4	9.9	7.9	761.0
-500	-1075	-3.6	0.0	-3.8	0.9	-0.1	0.6	6.2	-4.3	773.0
-500	-1050	-3.1	0.1	-3.2	-0.2	-1.0	-4.3	2.3	-13.5	785.0
-500	-1025	-3.8	0.0	-3.7	0.7	-0.1	-1.1	2.7	-6.8	883.0
-500	-1000	-4.3	-0.3	-5.1	1.2	-1.1	1.2	2.3	-3.2	932.0
-500	-950	-3.5	0.3	-2.7	1.4	2.0	1.3	9.3	-4.6	757.0
-500	-925	-3.3	-0.1	-2.6	1.3	1.6	1.6	6.4	-3.0	756.0
-500	-900	-3.4	0.3	-3.1	3.0	2.1	7.6	8.7	7.7	930.0
-500	-875	-4.3	0.5	-3.1	2.1	2.9	3.6	12.1	0.2	933.0
-500	-850	-3.6	-0.1	-2.8	1.4	2.9	0.4	9.0	-7.3	1197.0
-500	-825	-2.9	0.1	-2.0	1.6	3.0	-0.4	5.4	-7.0	1071.0
-500	-800	-2.9	1.3	-2.0	2.5	5.0	3.4	12.8	-2.3	979.0
-500	-775	-3.3	1.5	-1.3	4.1	7.5	7.3	19.5	3.7	935.0
-500	-750	-3.8	1.3	-1.3	5.3	8.9	10.2	24.4	7.7	1126.0
-500	-725	-2.7	0.6	-1.9	2.3	4.7	3.0	13.1	-3.6	1014.0
-500	-700	-3.1	-1.3	-3.5	-2.9	-5.0	-12.5	-6.4	-25.6	979.0
-500	-675	-2.1	-2.1	-3.3	-5.4	-7.9	-17.0	-16.5	-28.8	1228.0
-500	-650	-3.6	-2.7	-5.5	-7.3	-13.2	-20.6	-23.7	-32.7	1779.0
-500	-625	-3.5	-2.5	-5.7	-7.0	-14.0	-18.3	-27.3	-28.5	1262.0
-500	-600	-3.1	-2.5	-5.7	-7.9	-13.9	-20.6	-19.4	-29.3	1297.0
-500	-575	-2.5	-0.8	-4.3	-1.4	-3.3	-1.7	2.2	-5.5	941.0
-500	-550	-2.4	1.6	-1.5	7.4	14.8	17.8	41.7	12.3	854.0
-500	-525	-2.8	0.6	-0.9	3.0	10.2	0.4	22.2	-17.2	818.0
-500	-500	-2.2	0.9	-0.6	1.7	7.0	-4.8	10.0	-24.1	784.0
-500	-475	-2.4	1.3	-0.6	3.3	8.3	2.6	17.9	-6.5	731.0
-500	-450	-2.9	1.1	-1.1	4.2	8.1	7.1	21.3	-2.1	787.0
-500	-425	-1.8	1.1	-0.8	4.3	8.9	8.7	23.8	3.1	824.0
-500	-400	-2.8	1.0	-1.2	1.8	6.6	-1.4	16.9	-13.5	811.0
-500	-375	-2.6	1.6	-0.7	4.4	9.6	8.7	26.3	2.7	831.0
-500	-350	-3.6	1.2	-2.0	4.7	8.5	11.0	26.1	4.2	852.0
-500	-325	-2.9	0.3	-1.6	1.0	4.8	-2.9	12.2	-16.7	846.0
-500	-300	-2.6	-0.6	-2.1	-2.2	-0.6	-13.5	-3.6	-32.2	849.0
-500	-275	-3.3	-1.6	-2.9	-5.5	-4.4	-23.0	-11.8	-44.4	887.0
-500	-250	-2.7	-0.4	-2.1	-1.9	0.5	-14.3	-1.4	-34.0	800.0
-500	-225	-3.9	-1.3	-2.9	-4.5	-5.0	-21.1	-16.7	-42.4	783.0
-500	-200	-3.0	-1.1	-2.9	-5.3	-6.3	-23.8	-17.5	-41.5	765.0
-500	-175	-3.4	-0.5	-2.5	-3.0	-1.4	-18.1	-9.0	-42.1	743.0
-500	-150	-3.6	0.1	-2.6	1.9	6.2	-3.8	16.3	-22.6	768.0
-500	-125	-3.4	1.7	-1.3	5.5	14.0	9.0	34.0	-4.9	803.0
-500	-100	-3.2	2.9	-1.4	8.5	18.8	17.1	43.4	0.2	759.0
-500	-75	-3.5	2.8	-0.7	11.3	23.0	24.3	53.4	11.6	688.0
-400	-1400	-1.9	0.6	-1.6	2.3	1.2	2.6	11.6	3.9	1564.0
-400	-1375	-3.3	0.6	-2.8	2.2	2.2	6.3	12.5	5.5	1807.0
-400	-1350	-2.8	0.7	-2.8	2.8	1.7	7.6	9.2	8.6	1995.0
-400	-1325	-2.4	-0.4	-2.5	0.5	0.6	0.1	4.7	-5.3	2133.0
-400	-1300	-1.6	-0.1	-1.9	0.3	1.4	-2.7	6.6	-11.1	1243.0
-400	-1275	-2.2	-0.3	-2.4	0.1	0.4	-1.5	0.5	-8.0	942.0
-400	-1250	-3.2	-1.0	-2.9	-0.2	-0.6	-3.1	1.3	-8.4	914.0
-400	-1225	-3.1	-0.2	-3.3	0.1	-1.2	-1.6	1.5	-6.4	1002.0

-400	-1200	-3.5	-0.5	-3.1	-0.4	-1.1	-3.3	2.1	-9.2	1037.0
-400	-1175	-3.8	-0.3	-3.3	2.1	0.3	5.7	10.9	6.4	723.0
-400	-1150	-3.5	0.5	-3.0	2.3	1.0	5.7	9.0	6.4	711.0
-400	-1125	-3.5	0.1	-3.4	0.6	-0.5	0.1	3.7	-3.6	737.0
-400	-1100	-3.5	-0.2	-3.6	0.6	-0.7	0.1	3.9	-4.8	747.0
-400	-1075	-3.8	-0.2	-3.5	0.5	-1.5	-1.0	-3.2	-5.6	734.0
-400	-1050	-4.9	-0.2	-3.6	0.3	-1.2	-1.9	2.2	-8.6	791.0
-400	-1025	-3.7	0.4	-4.0	0.7	0.5	0.3	8.7	-4.7	836.0
-400	-1000	-4.1	0.7	-3.7	1.3	0.3	1.8	5.0	-1.4	796.0
-400	-975	-3.7	1.0	-3.2	2.6	1.6	6.6	9.2	7.6	889.0
-400	-950	-4.6	0.6	-3.9	1.9	1.5	5.1	9.3	4.5	894.0
-400	-925	-3.6	0.5	-3.4	2.6	1.1	6.4	7.1	5.9	874.0
-400	-900	-3.6	0.8	-3.7	2.7	1.7	6.3	7.3	6.3	825.0
-400	-875	-3.8	0.3	-3.5	2.5	0.8	4.9	3.6	2.7	881.0
-400	-850	-3.7	0.0	-3.4	1.8	1.7	3.1	7.8	-0.1	833.0
-400	-825	-3.8	-0.4	-3.4	0.0	-0.1	-4.3	1.5	-12.4	1025.0
-400	-800	-3.9	0.1	-3.1	-0.3	1.5	-6.3	2.4	-19.6	1039.0
-400	-775	-2.8	0.3	-2.5	1.0	3.5	-2.0	11.6	-12.3	908.0
-400	-750	-3.2	0.5	-2.0	4.3	7.6	8.0	20.7	2.8	940.0
-400	-725	-4.0	1.5	-1.9	6.6	10.4	15.5	29.6	13.4	1049.0
-400	-700	-4.0	1.7	-2.5	6.3	10.3	15.0	27.8	12.1	1104.0
-400	-675	-3.9	-1.3	-4.3	-4.3	-8.7	-12.2	-14.3	-23.2	985.0
-400	-650	-3.5	-3.0	-6.9	-10.4	-20.1	-22.2	-30.3	-29.6	1155.0
-400	-625	-4.6	-3.7	-8.2	-11.6	-24.0	-21.5	-32.6	-27.1	1550.0
-400	-600	-4.2	-3.8	-8.5	-12.3	-25.1	-20.3	-33.1	-26.0	1809.0
-400	-575	-4.8	-4.2	-9.5	-13.1	-25.1	-22.6	-34.7	-29.2	1681.0
-400	-550	-3.8	-3.0	-7.1	-10.5	-18.2	-22.9	-28.0	-33.8	1065.0
-400	-525	-3.2	-0.8	-2.2	-1.8	1.6	-17.4	-5.6	-40.8	953.0
-400	-500	-4.0	0.3	-0.6	0.4	7.4	-17.1	5.0	-46.4	890.0
-400	-475	-4.0	1.6	-1.2	3.1	8.4	-6.0	12.1	-26.2	834.0
-400	-450	-3.7	0.9	-1.3	0.7	5.7	-10.5	4.2	-33.8	773.0
-400	-425	-2.9	1.0	-0.7	2.9	9.4	-5.3	20.2	-27.5	770.0
-400	-400	-2.9	1.4	-1.0	3.0	11.8	-1.9	23.8	-29.1	780.0
-400	-375	-2.9	0.6	-1.2	1.6	9.2	-6.6	16.4	-34.3	873.0
-400	-350	-3.4	-0.5	-2.1	-2.0	3.3	-16.7	4.4	-44.4	1040.0
-400	-325	-3.0	-0.6	-2.5	-4.8	-2.6	-24.7	-15.4	-52.1	957.0
-400	-300	-3.5	-0.3	-2.3	-3.3	-1.4	-20.6	-11.1	-47.9	918.0
-400	-275	-4.4	-1.0	-4.4	-3.6	-3.4	-19.0	-5.9	-40.4	923.0
-400	-250	-4.8	-2.0	-4.8	-4.1	-2.3	-16.2	-6.9	-40.7	873.0
-400	-225	-5.1	-1.5	-5.6	-3.6	-2.6	-14.6	-2.5	-35.6	873.0
-400	-200	-5.6	-2.0	-5.8	-2.2	0.4	-11.7	2.9	-35.1	872.0
-400	-175	-4.6	-0.6	-4.9	0.2	2.0	-4.5	6.8	-24.1	873.0
-400	-150	-4.9	-0.5	-3.9	0.4	4.1	-2.2	9.8	-20.2	849.0
-400	-125	-3.2	1.0	-1.1	5.8	14.5	9.4	33.1	-4.7	813.0
-400	-100	-2.2	2.6	0.2	6.9	17.8	10.9	38.1	-5.0	751.0
-400	-75	-1.7	2.3	0.8	7.5	19.3	11.6	40.0	-2.9	837.0
-300	-1400	-0.5	-0.6	-1.0	-0.8	2.1	-5.9	5.6	-18.1	1344.0
-300	-1375	-0.4	-0.6	-0.8	-1.2	2.3	-6.8	5.6	-20.1	1590.0
-300	-1350	-1.0	-0.7	-1.2	-2.5	-0.1	-12.7	-0.7	-29.0	1714.0
-300	-1325	-2.8	-0.9	-2.3	-3.5	-1.9	-14.9	-5.9	-34.5	1593.0
-300	-1300	-2.1	-0.7	-2.3	-3.2	-2.2	-15.4	-6.1	-33.8	1475.0
-300	-1275	-2.4	-0.9	-2.4	-1.8	-1.1	-8.9	-2.8	-22.2	1106.0
-300	-1250	-2.2	0.3	-2.0	0.6	1.2	-0.6	7.1	-7.7	948.0
-300	-1225	-4.2	-0.5	-3.5	-0.9	-1.8	-7.2	-0.7	-20.6	837.0
-300	-1200	-4.1	-0.3	-3.3	0.4	1.4	-1.1	8.1	-7.6	777.0
-300	-1175	-3.6	1.1	-3.4	4.4	3.9	13.4	17.5	15.7	904.0
-300	-1150	-1.6	0.2	-1.0	3.0	4.8	7.7	15.2	7.4	703.0
-300	-1125	-4.2	-0.1	-3.2	0.3	0.1	-1.7	4.2	-9.4	715.0
-300	-1100	-3.4	-0.7	-3.2	-1.4	-1.0	-7.9	-0.5	-20.3	700.0
-300	-1075	-3.5	0.0	-2.9	1.7	0.1	3.3	7.2	1.8	721.0

-300	-1050	-4.1	0.5	-3.3	2.3	-0.8	5.6	5.3	5.6	757.0
-300	-1025	-5.2	0.2	-3.2	2.4	0.9	6.2	9.7	6.1	744.0
-300	-1000	-4.3	0.9	-3.3	2.3	0.7	4.9	8.9	5.8	737.0
-300	-975	-3.9	-0.3	-3.4	3.0	1.5	8.5	9.2	11.3	757.0
-300	-950	-3.2	1.0	-3.0	5.1	3.1	15.4	14.0	25.5	790.0
-300	-925	-3.9	0.8	-3.4	3.2	1.7	8.4	6.9	7.6	867.0
-300	-900	-3.6	0.7	-2.7	3.5	3.9	9.0	13.2	9.4	808.0
-300	-875	-3.1	0.7	-2.5	2.4	4.2	4.0	14.6	-0.5	838.0
-300	-850	-3.7	0.4	-3.0	1.3	2.0	0.8	8.8	-5.3	822.0
-300	-825	-3.8	-0.2	-3.1	0.6	2.2	-2.3	6.6	-11.9	837.0
-300	-800	-4.1	-0.2	-2.8	-0.4	1.3	-8.1	2.4	-24.2	858.0
-300	-775	-3.3	-0.6	-2.9	-0.2	2.4	-7.4	5.3	-23.4	862.0
-300	-750	-3.0	0.4	-2.2	1.6	4.7	-3.8	10.5	-19.2	883.0
-300	-725	-3.4	-0.1	-2.3	1.2	5.1	-4.8	10.8	-23.5	973.0
-300	-700	-3.6	-0.1	-2.6	-0.5	2.8	-9.3	4.2	-29.5	1162.0
-300	-675	-3.4	-1.2	-2.7	-5.0	-4.5	-21.6	-15.0	-43.1	1155.0
-300	-650	-2.8	-2.1	-3.9	-7.0	-9.9	-26.2	-25.7	-47.7	1093.0
-300	-625	-3.4	-2.4	-4.5	-7.5	-11.3	-26.7	-26.1	-45.6	1201.0
-300	-600	-3.8	-3.3	-5.4	-8.9	-13.7	-25.9	-28.3	-45.3	1313.0
-300	-575	-3.9	-2.7	-5.5	-8.9	-14.5	-25.2	-28.9	-43.6	1147.0
-300	-550	-3.9	-1.9	-4.2	-4.2	-5.1	-14.3	-9.2	-33.2	1019.0
-300	-525	-3.9	-0.1	-2.8	1.3	5.3	-1.3	13.0	-17.4	954.0
-300	-500	-3.7	0.2	-2.3	0.9	5.3	-7.2	7.8	-25.9	942.0
-300	-475	-3.8	0.4	-1.8	0.3	3.6	-11.3	0.9	-31.1	811.0
-300	-450	-3.3	0.0	-1.5	0.3	5.0	-9.8	2.1	-31.0	790.0
-300	-425	-3.1	0.5	-1.0	1.8	8.8	-4.0	12.1	-25.1	778.0
-300	-400	-2.2	0.9	-0.1	1.2	9.2	-10.3	10.7	-37.2	779.0
-300	-375	-2.9	0.9	-0.8	-0.1	6.8	-13.0	7.2	-42.8	783.0
-300	-350	-2.9	-0.5	-1.8	-0.2	5.8	-10.0	9.1	-35.6	806.0
-300	-325	-3.6	-0.6	-3.1	-2.0	1.4	-12.7	1.3	-38.9	837.0
-300	-300	-4.2	-0.8	-3.9	-2.3	-0.5	-15.0	-3.1	-40.4	842.0
-300	-275	-4.2	-0.8	-4.7	-3.4	-1.5	-17.4	-8.7	-44.6	798.0
-300	-250	-3.8	-1.4	-3.2	-2.9	-1.2	-19.1	-9.1	-45.3	801.0
-300	-225	-4.9	-0.6	-3.9	-2.1	1.3	-15.0	-2.5	-39.1	807.0
-300	-200	-3.2	0.4	-1.6	1.0	8.3	-7.4	10.6	-31.5	809.0
-300	-175	-2.3	1.4	0.0	5.5	16.6	3.2	29.8	-18.5	775.0
-300	-150	-2.1	2.2	0.6	7.9	21.3	9.7	34.7	-13.3	746.0
-300	-125	-1.8	3.0	1.0	7.5	23.1	9.1	39.1	-16.8	747.0
-300	-100	-3.2	2.5	0.7	7.8	23.0	7.3	41.7	-21.3	778.0
-300	-75	-0.9	1.7	1.9	4.2	19.1	-3.3	28.5	-35.3	786.0
-200	-1400	-2.1	-0.2	-1.4	0.2	2.7	-3.4	7.6	-12.5	1226.0
-200	-1375	-3.7	1.3	-2.8	6.0	6.9	17.6	25.1	23.4	1604.0
-200	-1350	-2.4	1.0	-1.9	5.1	7.6	13.3	24.9	14.4	1420.0
-200	-1325	-1.5	2.1	-0.9	6.5	11.2	19.0	31.2	20.3	1667.0
-200	-1300	-3.9	2.4	-2.2	9.6	13.6	32.5	43.7	43.5	1631.0
-200	-1275	-1.0	1.0	-0.1	6.9	12.4	20.0	36.4	24.4	1487.0
-200	-1250	-1.6	0.1	-1.6	0.2	2.4	-3.4	5.3	-17.5	1096.0
-200	-1225	-2.5	-1.7	-2.8	-3.9	-4.7	-17.9	-13.6	-37.7	857.0
-200	-1200	-3.6	-1.9	-3.5	-4.1	-6.1	-19.4	-15.3	-36.1	835.0
-200	-1175	-3.9	-1.3	-3.4	-4.4	-5.9	-19.7	-15.2	-40.0	806.0
-200	-1150	-3.2	-1.4	-2.8	-3.2	-3.5	-15.5	-8.5	-32.7	712.0
-200	-1125	-3.3	-0.2	-3.5	-0.9	-1.8	-4.6	-1.7	-19.8	686.0
-200	-1100	-3.5	-0.6	-2.7	1.0	1.8	0.0	8.3	-8.2	666.0
-200	-1075	-4.2	0.1	-3.7	2.3	2.6	6.1	11.6	3.4	632.0
-200	-1050	-4.3	1.3	-2.6	5.9	5.5	18.8	19.7	28.5	653.0
-200	-1025	-3.2	1.2	-3.1	4.6	3.4	12.9	16.0	17.1	689.0
-200	-1000	-3.7	1.2	-2.8	3.5	3.3	9.5	13.6	10.9	710.0
-200	-975	-4.4	0.3	-3.4	2.8	2.1	6.9	11.7	6.3	677.0
-200	-950	-4.0	0.6	-4.0	1.8	2.0	3.0	10.3	-1.4	657.0
-200	-925	-3.6	-0.2	-2.4	1.9	3.5	2.1	10.9	-4.4	731.0

-200	-900	-3.2	0.3	-2.8	0.6	1.6	-3.7	3.5	-15.0	733.0
-200	-875	-3.3	-0.2	-2.8	-1.3	0.4	-10.8	0.6	-26.2	749.0
-200	-850	-3.0	-1.3	-3.0	-3.0	-1.8	-16.5	-7.1	-37.7	770.0
-200	-825	-3.3	-1.9	-3.7	-5.7	-6.8	-25.5	-20.0	-48.0	810.0
-200	-800	-2.9	-1.3	-3.0	-4.7	-4.9	-22.7	-15.4	-44.8	1002.0
-200	-775	-3.4	-0.6	-2.6	-3.7	-1.3	-19.6	-8.7	-44.7	911.0
-200	-750	-4.1	0.1	-2.0	-0.4	3.9	-10.5	5.1	-32.8	889.0
-200	-725	-2.1	-0.3	-1.7	-2.2	3.0	-15.6	3.4	-39.4	842.0
-200	-700	-2.7	-1.8	-2.5	-5.4	-5.0	-25.2	-21.6	-51.7	946.0
-200	-675	-1.9	-0.7	-1.8	-3.8	-1.7	-21.9	-18.2	-51.2	1043.0
-200	-650	-2.5	-1.1	-2.8	-4.3	-3.2	-23.4	-16.6	-48.8	1103.0
-200	-625	-3.5	-1.7	-3.2	-5.3	-5.5	-24.9	-17.9	-48.5	1306.0
-200	-600	-2.8	-1.4	-3.5	-5.6	-7.9	-25.7	-27.5	-48.6	1272.0
-200	-575	-2.4	-1.5	-2.0	-3.3	-1.3	-17.1	-13.3	-41.3	1070.0
-200	-550	-2.9	-0.1	-2.6	0.8	6.2	-7.6	5.6	-34.2	944.0
-200	-525	-2.4	-0.2	-1.1	0.5	8.2	-10.3	9.6	-36.1	878.0
-200	-500	-2.8	-0.4	-2.5	-1.0	3.2	-15.5	-2.0	-43.9	816.0
-200	-475	-2.5	-1.0	-1.1	-2.0	4.3	-16.8	1.7	-41.5	782.0
-200	-450	-2.6	0.0	-1.7	-0.5	6.3	-15.4	5.1	-46.2	765.0
-200	-425	-3.6	0.3	-1.8	-1.7	2.9	-17.5	-3.6	-47.8	751.0
-200	-400	-3.3	-1.7	-3.9	-4.7	-5.8	-19.6	-16.9	-43.6	722.0
-200	-375	-3.3	-2.0	-5.2	-5.7	-7.3	-18.5	-14.0	-40.2	759.0
-200	-350	-4.2	-2.5	-6.3	-4.1	-4.9	-13.3	-9.0	-35.3	790.0
-200	-325	-4.3	-1.6	-5.6	-1.7	1.7	-5.9	2.2	-31.6	785.0
-200	-300	-3.2	-1.7	-4.7	-1.8	1.0	-10.8	1.0	-34.0	781.0
-200	-275	-2.0	-0.2	-1.5	1.6	10.3	-4.3	19.0	-23.0	781.0
-200	-250	-2.0	1.4	0.5	5.0	14.9	-1.6	21.0	-24.1	743.0
-200	-225	-1.6	2.2	2.1	5.6	17.9	-0.3	25.3	-24.9	690.0
-200	-200	-1.0	1.2	2.6	5.4	20.5	0.9	27.2	-29.5	749.0
-200	-175	-3.2	1.5	0.2	4.5	15.8	-4.5	21.6	-32.8	751.0
-200	-150	-3.0	1.8	-0.5	4.5	15.7	-3.1	21.9	-31.9	784.0
-200	-125	-4.0	1.0	-1.9	3.1	12.3	-8.5	17.2	-39.4	801.0
-200	-100	-3.7	0.1	-1.5	2.5	11.6	-6.9	16.2	-35.8	772.0
-200	-75	-3.5	-0.4	-2.4	-1.6	2.0	-15.7	-1.0	-39.1	778.0
-100	-1875	-2.5	-2.6	-3.2	-9.6	-12.9	-38.5	-42.9	-63.9	1033.0
-100	-1850	-3.0	-2.0	-3.3	-6.3	-8.2	-27.6	-23.6	-52.3	957.0
-100	-1825	-3.0	-0.2	-2.6	-1.0	4.0	-10.8	6.0	-36.3	994.0
-100	-1800	-3.0	0.1	-2.3	-0.9	4.7	-9.8	6.9	-37.6	1016.0
-100	-1775	-3.2	-1.5	-2.9	-3.2	-0.8	-19.7	-8.3	-46.4	1062.0
-100	-1750	-3.0	-0.8	-2.4	-4.0	-0.4	-19.0	-10.1	-47.2	1039.0
-100	-1725	-2.5	-0.6	-2.6	-3.3	-2.2	-19.4	-12.2	-42.0	1060.0
-100	-1700	-2.9	-1.1	-1.9	-3.4	-0.7	-19.0	-10.7	-45.5	1059.0
-100	-1675	-2.7	0.1	-2.1	-0.5	3.0	-9.3	3.3	-29.2	1000.0
-100	-1650	-3.5	0.9	-2.1	3.0	8.0	2.1	19.0	-9.0	935.0
-100	-1625	-3.7	1.8	-2.4	6.4	11.9	16.5	35.4	12.5	1038.0
-100	-1600	-3.9	2.0	-2.3	8.3	12.6	25.3	40.1	26.4	1110.0
-100	-1575	-2.7	1.5	-1.9	8.6	14.1	27.3	41.7	31.2	1190.0
-100	-1550	-2.5	2.8	-1.2	9.9	15.2	31.8	44.9	38.5	1326.0
-100	-1525	-3.7	0.1	-2.6	2.2	5.0	2.2	15.6	-6.8	1213.0
-100	-1500	-2.9	-0.8	-2.3	-1.8	-0.8	-11.1	-3.1	-26.7	1250.0
-100	-1475	-3.3	-1.0	-2.8	-2.0	-1.3	-11.4	-4.5	-26.7	1258.0
-100	-1450	-3.2	-0.4	-2.6	-1.0	-0.1	-8.0	0.4	-20.7	1266.0
-100	-1425	-2.7	-0.8	-2.6	-2.5	-2.2	-13.5	-5.8	-28.9	1171.0
-100	-1400	-2.5	-0.6	-2.6	-2.6	-2.8	-13.9	-8.4	-29.5	1120.0
-100	-1375	-3.1	-0.2	-2.6	1.5	3.6	0.3	11.0	-10.8	1275.0
-100	-1350	-2.7	0.8	-1.9	6.1	9.6	18.6	28.9	21.2	1474.0
-100	-1325	-2.2	1.0	-1.3	6.9	11.0	21.6	32.2	25.8	1183.0
-100	-1300	-2.8	0.9	-1.9	5.9	8.0	17.2	26.4	19.9	1414.0
-100	-1275	-3.3	1.3	-1.4	8.4	11.0	28.8	35.5	44.5	1287.0
-100	-1250	-2.1	1.6	-2.7	5.2	7.0	16.2	23.6	20.2	1082.0

-100	-1225	-2.6	0.4	-1.8	3.6	6.0	9.6	20.8	12.7	909.0
-100	-1200	-2.8	-0.2	-1.9	1.9	4.0	2.8	12.4	-4.3	666.0
00	-1175	-2.8	-1.0	-2.7	-1.0	0.0	-7.7	-0.6	-20.5	712.0
00	-1150	-3.3	-1.1	-3.1	-1.6	-1.4	-10.5	-3.3	-23.4	684.0
-100	-1125	-2.5	0.0	-2.3	-1.1	0.1	-7.2	3.3	-19.0	569.0
-100	-1100	-1.8	0.5	-1.4	1.2	3.4	0.4	9.8	-6.3	581.0
-100	-1075	-2.3	0.6	-1.5	3.5	5.0	8.5	15.0	8.3	621.0
-100	-1050	-3.0	1.0	-1.8	4.4	5.2	12.5	17.8	16.2	656.0
-100	-1025	-3.1	1.5	-1.9	6.8	6.2	22.2	19.8	32.2	683.0
-100	-1000	-2.4	1.8	-1.5	9.5	9.7	32.1	32.6	53.3	684.0
-100	-975	-2.4	1.7	-0.9	8.1	10.5	25.3	33.0	37.3	1272.0
-100	-950	-2.2	1.2	-0.9	7.4	8.5	20.1	28.5	27.1	1334.0
-100	-925	-2.5	0.7	-1.5	2.5	5.6	4.2	16.7	-1.4	1222.0
-100	-900	-2.8	-0.7	-2.5	-2.3	-1.3	-13.5	-5.6	-30.6	1261.0
-100	-875	-1.5	-2.0	-1.5	-5.4	-5.8	-23.0	-16.6	-41.3	1224.0
-100	-850	-1.8	-2.7	-2.3	-10.0	-14.1	-35.8	-39.3	-56.3	1160.0
-100	-825	-1.3	-2.4	-3.7	-9.1	-12.6	-35.3	-36.3	-60.4	1161.0
-100	-800	-2.6	-1.6	-2.1	-3.8	-3.5	-19.9	-11.1	-36.7	835.0
-100	-775	-2.3	0.7	-0.9	4.2	12.3	7.1	30.6	-6.5	824.0
-100	-750	-2.0	2.8	0.0	9.7	22.6	24.8	57.7	15.2	992.0
-100	-725	-2.3	2.9	-0.1	10.6	23.9	29.6	56.7	16.2	724.0
-100	-700	-1.5	2.7	0.6	9.2	21.8	22.1	52.0	12.5	561.0
-100	-675	-2.4	1.5	-0.8	5.3	13.4	9.2	29.8	-3.7	824.0
-100	-650	-2.6	0.9	-1.5	2.9	8.6	4.0	19.1	-8.0	915.0
-100	-625	-2.6	-0.2	-2.1	0.6	3.9	-4.7	7.2	-21.2	825.0
-100	-600	-2.5	0.2	-2.2	0.1	3.0	-5.0	5.7	-21.0	746.0
-100	-575	-3.1	0.7	-2.1	3.3	8.9	3.9	21.7	-8.7	663.0
-100	-550	-2.9	1.0	-1.0	4.2	12.4	4.4	23.8	-13.8	675.0
-100	-525	-4.3	0.6	-2.3	4.5	12.4	4.5	27.2	-14.3	745.0
-100	-500	-2.1	0.1	-0.3	1.0	8.7	-7.3	13.2	-30.9	760.0
-100	-475	-1.9	-0.7	-1.2	-0.1	6.4	-11.4	8.3	-36.1	702.0
-100	-450	-2.4	1.3	-0.5	4.5	15.1	4.4	32.3	-16.4	702.0
-100	-425	-2.0	1.0	-0.7	2.7	10.1	-1.9	18.8	-19.9	792.0
-100	-400	-1.2	1.4	0.1	3.8	12.8	-0.4	25.6	-15.1	960.0
-100	-375	-1.3	1.6	0.4	5.1	14.9	4.9	26.5	-13.6	961.0
-100	-350	-2.2	1.2	-0.2	6.3	16.5	7.4	34.9	-7.5	974.0
-100	-325	-4.1	2.2	-1.6	8.6	17.8	15.3	39.3	2.4	1042.0
-100	-300	-4.1	0.6	-2.4	2.6	8.6	-3.2	15.5	-24.7	1090.0
-100	-275	-3.7	2.6	-1.1	8.9	19.6	14.2	39.7	-3.5	980.0
-100	-250	-2.9	1.7	-0.5	9.1	21.2	14.4	42.6	-3.9	871.0
-100	-225	-4.9	1.7	-1.1	8.0	18.6	11.0	39.2	-8.0	854.0
-100	-200	-3.8	1.8	-1.2	7.4	18.0	9.0	37.2	-9.8	826.0
-100	-175	-3.7	1.3	-0.5	7.8	17.5	9.7	35.0	-9.9	832.0
-100	-150	-3.7	1.7	-1.2	5.2	14.4	3.6	28.1	-14.0	850.0
-100	-125	-3.4	0.3	-1.8	3.3	11.2	-0.2	21.4	-19.7	867.0
-100	-100	-3.9	-0.1	-2.8	1.1	5.7	-6.7	8.4	-25.7	860.0
-100	-75	-2.0	-1.1	-1.2	-1.0	2.5	-10.3	2.6	-30.4	860.0
0	-1875	-1.9	-2.1	-1.6	-8.3	-8.8	-36.2	-34.2	-63.0	1009.0
0	-1850	-3.3	-2.5	-3.4	-9.2	-14.2	-38.7	-41.3	-59.8	958.0
0	-1825	-2.8	-2.1	-2.7	-6.1	-4.8	-27.3	-20.0	-55.1	957.0
0	-1800	-3.3	-0.7	-1.5	-0.7	8.9	-13.9	4.5	-52.9	955.0
0	-1775	-2.6	-0.5	-1.5	-1.2	6.4	-18.1	6.8	-52.9	952.0
0	-1750	-3.5	-1.2	-1.9	-3.0	2.7	-21.9	-5.8	-55.8	986.0
0	-1725	-2.9	-0.7	-2.4	-4.2	0.3	-23.0	-14.1	-57.3	990.0
0	-1700	-2.3	-1.0	-2.0	-4.1	-0.9	-24.3	-14.5	-52.6	947.0
0	-1675	-3.0	-0.9	-2.6	-5.5	-4.1	-27.6	-17.3	-54.2	1016.0
0	-1650	-2.9	-1.5	-2.2	-4.5	-1.2	-22.8	-10.3	-51.0	991.0
0	-1625	-2.4	0.3	-1.6	-0.2	6.0	-11.3	10.3	-35.1	1013.0
0	-1600	-2.7	-0.3	-1.9	2.7	11.0	-1.7	21.4	-27.7	1047.0
0	-1575	-2.1	0.6	-1.2	1.3	10.7	-4.3	22.9	-26.3	999.0

0 -1550	-2.7	0.1	-1.9	2.1	10.5	-1.2	21.9	-26.2	1906.0
0 -1525	-3.1	-0.3	-2.0	1.0	7.1	-5.9	14.9	-28.6	1197.0
0 -1500	-2.4	-1.4	-1.8	-2.2	2.5	-15.0	0.8	-40.3	1350.0
0 -1475	-2.4	-1.4	-1.7	-4.5	-1.0	-21.2	-7.4	-46.0	1264.0
0 -1450	-2.7	-0.7	-2.4	-3.0	0.1	-17.2	-4.6	-40.8	1250.0
0 -1425	-2.6	-0.8	-2.6	-1.3	1.8	-12.3	1.8	-34.5	1233.0
0 -1400	-3.4	-0.3	-2.6	-1.4	1.6	-11.8	2.7	-31.7	1220.0
0 -1375	-3.9	-0.1	-3.1	-0.6	2.3	-9.4	3.9	-29.9	1167.0
0 -1350	-3.6	0.4	-2.4	1.6	6.3	-1.6	15.2	-19.0	1172.0
0 -1325	-3.1	0.9	-2.0	5.6	11.8	11.5	31.5	2.3	1128.0
0 -1300	-2.8	2.0	-1.7	6.9	14.2	18.3	37.4	11.7	1115.0
0 -1275	-3.5	2.3	-1.4	8.1	14.9	21.3	42.1	21.9	1177.0
0 -1250	-3.1	1.7	-1.9	6.4	12.5	15.9	33.6	10.8	1270.0
0 -1225	-3.7	1.4	-2.0	6.4	12.1	14.9	32.2	11.6	1346.0
0 -1200	-3.9	0.6	-2.7	3.8	8.4	6.8	23.0	-2.9	1339.0
0 -1175	-3.5	0.7	-2.4	2.8	7.4	3.2	18.7	-8.2	1185.0
0 -1150	-3.4	0.8	-2.7	2.9	6.7	2.0	17.5	-9.9	1048.0
0 -1125	-3.1	0.5	-1.5	3.0	8.2	4.5	18.5	-5.0	938.0
0 -1100	-3.8	0.5	-2.6	3.4	6.7	5.1	19.9	-3.7	878.0
0 -1075	-3.8	0.1	-2.9	2.6	6.5	2.2	17.7	-9.1	863.0
0 -1050	-3.9	1.3	-2.3	4.2	9.1	8.0	25.3	0.2	838.0
0 -1025	-4.2	1.5	-2.5	5.3	9.4	10.5	27.1	4.5	816.0
0 -1000	-3.6	1.5	-3.0	5.3	9.6	11.4	27.4	5.5	811.0
0 -975	-4.1	1.3	-2.6	4.9	9.7	9.5	27.8	1.7	795.0
0 -950	-3.0	0.9	-2.2	3.4	8.0	4.8	21.1	-7.5	794.0
0 -925	-3.3	-0.2	-2.7	0.6	3.8	-4.6	9.3	-18.1	794.0
0 -900	-2.9	0.3	-2.4	0.3	3.0	-6.9	6.9	-21.9	787.0
0 -875	-5.3	0.2	-3.4	0.9	3.4	-4.1	8.1	-18.7	806.0
0 -850	-2.4	0.5	-1.2	2.9	7.6	1.5	17.8	-9.9	817.0
0 -825	-2.1	0.9	-0.8	4.5	12.1	7.7	29.0	-3.1	830.0
0 -800	-1.8	1.8	0.0	6.8	18.5	13.1	43.0	-2.7	847.0
0 -775	-2.5	3.9	-0.1	15.4	31.6	39.8	83.2	29.9	898.0
0 -750	-3.3	1.5	-1.5	6.5	16.8	9.0	34.5	-12.3	923.0
0 -725	-3.5	-0.1	-3.3	-1.8	0.0	-17.5	-7.3	-37.9	999.0
0 -700	-3.3	-1.1	-2.8	-3.0	-2.0	-19.0	-11.7	-37.0	1052.0
0 -675	-4.1	-1.5	-3.5	-4.4	-5.7	-22.3	-19.6	-42.3	950.0
0 -650	-3.7	-1.8	-3.2	-4.2	-6.6	-21.8	-17.8	-38.8	947.0
0 -625	-3.8	-1.0	-3.1	-3.9	-5.4	-17.8	-15.7	-35.4	955.0
0 -600	-3.5	0.1	-3.2	0.2	5.4	-8.0	7.3	-28.1	1028.0
0 -575	-3.2	0.4	-2.2	2.6	10.7	-6.5	12.2	-35.0	946.0
0 -550	-3.8	-0.2	-2.6	1.6	10.0	-6.9	13.1	-34.4	921.0
0 -525	-3.2	1.3	-1.7	4.3	12.7	-0.7	21.8	-25.8	904.0
0 -500	-3.3	1.4	-1.3	4.0	12.8	-1.0	23.0	-22.8	903.0
0 -475	-2.9	1.1	-1.2	3.7	12.6	-2.4	20.8	-27.5	868.0
0 -450	-3.8	1.3	-1.3	4.8	14.8	1.9	25.4	-22.8	808.0
0 -425	-2.3	0.7	-1.7	4.0	14.5	-0.3	27.2	-24.5	835.0
0 -400	-3.9	1.8	-1.4	6.0	16.3	4.1	29.7	-20.0	848.0
0 -375	-3.9	0.4	-2.2	3.2	12.0	-2.7	19.1	-28.0	844.0
0 -350	-3.4	1.2	-1.3	4.6	13.8	-1.1	24.0	-26.2	924.0
0 -325	-3.7	1.4	-1.1	5.5	15.3	1.2	25.2	-23.7	960.0
0 -300	-3.0	1.4	-1.2	4.7	14.8	-0.4	25.2	-23.7	882.0
0 -275	-3.5	1.7	-0.6	6.3	18.3	6.2	31.6	-16.8	830.0
0 -250	-4.0	1.3	-1.6	5.2	14.7	1.9	28.8	-18.6	811.0
0 -225	-4.5	0.9	-2.0	3.3	12.0	-1.0	18.6	-25.9	812.0
0 -200	-3.5	0.4	-1.9	1.3	6.7	-7.2	10.0	-26.8	793.0
0 -175	-4.0	0.0	-2.8	0.4	4.0	-7.7	4.1	-28.1	793.0
0 -150	-3.5	0.4	-2.7	0.3	3.6	-9.2	5.4	-27.0	777.0
0 -125	-3.3	-0.3	-2.2	-0.4	3.1	-11.0	0.4	-33.9	800.0
0 -100	-4.0	0.0	-2.8	-1.0	2.4	-14.6	0.6	-38.2	804.0
0 -75	-3.5	0.6	-1.6	2.6	10.8	-7.6	13.1	-36.0	831.0

100	-1875	-1.1	-1.3	0.2	-2.0	6.2	-19.7	-0.7	-54.4	1584.0
100	-1850	-2.6	-1.5	-1.9	-4.0	-1.3	-25.9	-14.5	-52.3	1236.0
100	-1825	-3.0	-1.6	-3.0	-8.1	-9.0	-33.3	-33.4	-59.9	1099.0
100	-1800	-3.3	-1.7	-3.0	-5.7	-4.5	-28.5	-25.1	-60.5	1049.0
100	-1775	-3.2	-1.2	-1.6	-2.5	6.9	-20.1	-33.6	-67.3	1060.0
100	-1750	-3.8	-0.3	-2.2	0.0	11.5	-15.6	12.1	-57.6	1099.0
100	-1725	-3.4	0.0	-1.4	1.5	13.4	-14.4	9.3	-59.1	1094.0
100	-1700	-3.4	0.3	-0.7	5.0	21.1	-3.9	32.7	-51.2	1127.0
100	-1675	-3.8	1.1	-0.9	4.7	20.9	-1.4	34.1	-42.9	1074.0
100	-1650	-3.4	0.7	-1.5	1.7	12.3	-11.3	14.4	-49.4	1026.0
100	-1625	-3.0	-1.0	-1.3	-1.5	7.0	-18.7	1.2	-53.9	1009.0
100	-1600	-4.1	0.4	-1.7	3.3	14.4	-5.9	18.6	-39.9	1029.0
100	-1575	-3.2	1.7	-1.6	4.5	17.6	0.9	35.0	-29.6	1073.0
100	-1550	-3.0	0.2	-1.6	2.0	12.7	-6.8	22.0	-38.2	1037.0
100	-1400	-2.4	-0.1	-1.7	-0.7	5.2	-13.7	4.5	-41.2	1189.0
100	-1375	-3.1	-1.2	-2.2	-0.5	5.9	-11.8	6.3	-41.7	1179.0
100	-1350	-2.6	-0.3	-1.7	-0.1	6.8	-10.8	0.9	-45.6	1165.0
100	-1325	-2.6	-0.4	-1.8	-2.0	4.2	-16.5	0.5	-46.1	1213.0
100	-1300	-2.7	0.2	-1.8	-0.4	7.0	-12.1	6.8	-43.6	1224.0
100	-1275	-4.1	-0.4	-2.3	1.1	7.9	-9.3	11.7	-38.2	1227.0
100	-1250	-2.7	-0.3	-2.4	-0.2	8.4	-11.9	12.4	-43.1	1274.0
100	-1225	-3.5	-0.2	-2.1	-0.1	8.1	-13.0	8.2	-46.9	1284.0
100	-1200	-2.8	-0.7	-1.6	0.4	8.9	-11.4	13.6	-42.4	1245.0
100	-1175	-4.1	0.4	-2.9	0.5	7.9	-9.7	7.8	-40.9	1187.0
100	-1150	-2.4	-0.4	-0.7	-1.5	6.7	-15.7	5.1	-46.4	1104.0
100	-1125	-3.6	-0.5	-2.5	-1.0	4.6	-16.0	0.5	-47.5	1036.0
100	-1100	-3.0	-0.6	-2.0	-1.7	3.3	-18.1	-0.7	-50.3	945.0
100	-1075	-3.4	-1.0	-2.7	-2.7	2.0	-19.8	-4.1	-49.9	872.0
100	-1050	-4.0	-0.4	-2.9	-2.7	2.4	-19.4	-1.2	-51.2	815.0
100	-1025	-4.2	-0.7	-2.5	-2.1	2.9	-19.5	-6.1	-54.5	812.0
100	-1000	-3.8	-0.7	-1.7	-1.3	4.5	-19.7	2.6	-53.0	791.0
100	-975	-4.3	0.7	-2.6	0.6	9.9	-11.9	11.1	-47.9	783.0
100	-950	-4.1	0.5	-1.7	2.2	14.8	-7.6	22.0	-45.5	756.0
100	-925	-2.1	0.3	-1.0	2.9	15.2	-7.5	21.6	-43.8	787.0
100	-900	-2.5	0.3	-0.3	3.4	18.0	-4.9	28.8	-41.1	767.0
100	-875	-2.6	0.9	-0.8	3.7	17.5	-4.7	25.4	-41.9	768.0
100	-850	-4.7	0.5	-2.1	2.5	13.6	-9.8	17.1	-45.3	770.0
100	-825	-3.4	-0.3	-1.9	0.9	10.4	-13.8	7.7	-50.7	784.0
100	-800	-3.4	0.2	-1.9	1.2	2.5	-1.1	10.5	-52.0	837.0
100	-775	-2.8	-0.2	-0.6	2.5	15.8	-7.7	18.8	-46.6	837.0
100	-750	-2.8	0.4	-1.4	1.4	11.7	-12.3	10.0	-49.2	848.0
100	-725	-3.1	-0.2	-2.1	0.5	10.4	-12.1	9.7	-47.3	869.0
100	-700	-3.0	0.4	-1.1	1.1	10.5	-13.0	7.5	-49.7	878.0
100	-675	-3.4	0.2	-1.6	0.3	9.5	-12.3	7.6	-47.3	849.0
100	-650	-2.5	-0.1	-1.1	0.5	10.2	-11.4	11.0	-42.5	840.0
100	-625	-2.6	-0.5	-2.0	-1.4	5.7	-15.8	-4.5	-51.2	854.0
100	-600	-3.4	0.7	-1.9	0.9	7.7	-12.6	6.7	-44.1	860.0
100	-575	-3.3	-0.1	-1.9	0.9	11.7	-9.3	12.2	-42.6	829.0
100	-550	-2.8	0.6	-1.1	2.1	12.9	-8.8	15.3	-44.0	834.0
100	-525	-2.3	0.3	-0.7	2.1	13.7	-10.2	16.9	-46.0	835.0
100	-500	-3.2	0.9	-1.2	1.0	10.4	-15.3	8.8	-50.4	927.0
100	-475	-3.3	0.4	-1.4	-0.1	7.5	-17.7	2.7	-52.5	802.0
100	-450	-4.1	-0.4	-2.4	-1.7	3.7	-23.6	-9.6	-60.4	801.0
100	-425	-3.6	-0.3	-1.4	-1.4	4.2	-22.1	-6.0	-56.3	789.0
100	-400	-3.3	-0.3	-1.6	0.0	7.5	-17.4	3.5	-51.8	787.0
100	-375	-3.3	1.0	-0.8	2.4	12.8	-10.0	17.5	-41.9	782.0
100	-350	-3.4	1.1	-0.7	4.2	16.2	-5.0	22.2	-38.7	774.0
100	-325	-3.6	1.1	-0.6	5.9	19.6	-0.4	34.4	-31.7	794.0
100	-300	-3.1	1.0	-0.5	7.1	20.2	3.4	37.3	-24.1	760.0
100	-275	-4.0	1.9	-0.9	5.7	16.8	2.3	32.3	-20.0	766.0

100	-250	-3.4	0.9	-1.1	2.6	9.9	-7.2	14.3	-32.6	760.0
100	-225	-2.9	-0.3	-1.3	1.0	6.5	-10.0	9.9	-31.9	773.0
100	-200	-3.4	-0.4	-2.3	-1.2	2.1	-13.6	1.6	-35.9	765.0
100	-175	-2.8	0.4	-1.8	0.5	5.5	-8.9	11.8	-29.9	776.0
100	-150	-3.0	0.7	-1.8	2.9	9.6	-3.9	18.1	-27.1	771.0
100	-125	-3.4	1.5	-1.0	4.5	15.1	0.6	23.9	-25.1	804.0
100	-100	-3.6	1.7	-0.8	5.7	17.0	-0.9	26.5	-29.4	807.0
100	-75	-2.1	2.1	1.4	6.2	21.8	-0.3	33.0	-31.8	792.0
200	-1875	1.1	0.9	2.3	-0.4	16.9	-17.4	5.1	-65.9	1292.0
200	-1850	2.1	-1.2	2.2	-3.5	7.0	-28.6	-10.4	-68.2	1320.0
200	-1825	1.3	-1.1	0.7	-6.2	-0.1	-37.3	-25.4	-72.3	1230.0
200	-1800	-0.1	-0.9	0.9	-4.7	6.3	-32.1	-15.7	-73.0	1132.0
200	-1775	1.8	-0.4	2.3	-0.9	17.2	-23.0	4.4	-71.1	1077.0
200	-1750	-0.5	-1.2	2.2	0.4	20.8	-20.1	8.8	-73.2	1069.0
200	-1725	1.9	0.8	2.6	-0.5	17.9	-24.6	4.0	-74.4	1071.0
200	-1700	0.6	0.7	1.7	0.0	20.3	-20.5	7.4	-71.7	1075.0
200	-1675	1.2	1.0	3.1	2.5	25.6	-14.7	18.6	-67.4	1115.0
200	-1650	0.2	1.7	3.2	2.1	23.8	-16.1	20.0	-66.2	1067.0
200	-1625	1.3	0.2	3.3	2.1	24.8	-14.3	19.1	-64.0	1021.0
200	-1600	1.7	-1.5	2.7	-0.1	19.8	-20.3	8.7	-68.8	1015.0
200	-1575	0.4	1.6	2.9	1.4	19.9	-19.1	10.2	-66.1	1021.0
200	-1550	0.1	-0.3	2.4	1.6	21.7	-16.1	15.8	-63.0	1025.0
200	-1525	0.0	0.3	3.1	0.9	20.6	-19.2	9.7	-66.4	1028.0
200	-1500	0.0	0.4	1.4	-0.4	16.9	-23.1	1.9	-72.6	1036.0
200	-1475	0.6	0.7	3.2	1.5	21.9	-18.8	11.5	-69.7	1024.0
200	-1450	0.1	0.8	2.2	3.9	26.3	-11.8	24.8	-63.1	1044.0
200	-1425	1.9	1.1	3.2	1.4	24.0	-15.4	15.9	-66.1	1076.0
200	-1400	2.1	0.8	3.6	0.7	21.8	-19.0	10.8	-67.6	1097.0
200	-1375	1.2	0.3	2.5	-0.3	17.5	-23.5	4.2	-71.2	1126.0
200	-1350	0.7	1.0	1.8	-0.8	15.7	-25.8	-0.1	-72.4	1150.0
200	-1325	-2.5	-0.5	-0.5	0.8	12.5	-19.0	1.1	-59.2	1127.0
200	-1300	-3.7	0.8	-1.2	2.5	15.6	-17.4	-1.1	-66.3	1129.0
200	-1275	-3.4	0.9	-0.1	3.8	20.6	-13.8	16.5	-60.7	1058.0
200	-1250	-2.8	1.3	0.3	5.1	22.6	-13.6	21.7	-63.1	1174.0
200	-1225	-3.2	1.7	0.3	5.6	27.3	-9.2	26.7	-62.6	1174.0
200	-1200	-2.5	1.2	0.0	4.4	24.0	-13.2	22.9	-65.0	1234.0
200	-1175	-3.0	0.6	-0.2	3.2	20.8	-15.5	11.1	-65.5	1276.0
200	-1150	-3.3	-0.2	-0.4	0.5	12.9	-23.6	0.8	-68.4	1246.0
200	-1125	-3.1	0.2	-0.9	-0.6	10.7	-26.0	-8.9	-71.4	1777.0
200	-1100	-3.1	0.2	-0.4	1.4	13.2	-20.2	2.3	-63.4	1069.0
200	-1075	-3.7	0.4	-1.2	0.3	11.1	-22.7	-3.3	-63.3	973.0
200	-1050	-3.8	0.3	-1.4	-0.5	8.9	-24.1	-5.3	-64.8	920.0
200	-1025	-3.3	-0.3	-1.5	-0.3	9.7	-24.2	-5.9	-65.4	883.0
200	-1000	-3.3	0.6	-0.2	2.9	19.0	-16.5	11.0	-62.5	866.0
200	-975	-4.2	1.0	-0.2	4.7	21.9	-14.2	13.8	-65.6	847.0
200	-950	-3.8	1.8	0.0	4.4	22.1	-14.3	18.1	-62.3	818.0
200	-925	-3.0	1.0	0.6	5.2	24.1	-11.0	22.0	-60.3	803.0
200	-900	-3.1	1.3	0.0	4.7	22.3	-11.0	20.3	-58.2	790.0
200	-875	-4.2	0.9	-0.6	4.3	20.3	-10.3	16.1	-53.0	801.0
200	-850	-3.5	0.6	-1.0	2.4	14.3	-15.8	10.4	-52.1	804.0
200	-825	-3.7	0.2	-1.1	1.0	12.6	-16.1	5.1	-53.5	818.0
200	-800	-4.0	0.1	-0.9	1.7	12.6	-16.0	6.9	-54.6	816.0
200	-775	-2.5	0.9	-0.1	2.9	15.2	-13.5	10.1	-51.4	832.0
200	-750	-3.2	0.6	-0.3	1.4	13.3	-17.2	6.8	-55.6	861.0
200	-725	-3.1	1.1	-0.5	3.3	16.0	-13.3	11.6	-52.2	847.0
200	-700	-2.8	0.8	0.0	4.6	18.4	-10.2	18.5	-50.5	862.0
200	-675	-3.1	1.5	-0.4	3.6	17.4	-12.8	14.4	-52.8	837.0
200	-650	-3.8	0.7	-0.6	2.0	14.5	-17.2	7.4	-56.6	837.0
200	-625	-2.9	0.7	-0.7	0.2	10.4	-21.7	-3.2	-60.4	822.0
200	-600	-2.6	0.2	0.0	0.6	10.6	-21.1	-0.7	-61.0	782.0

200 -575	-3.6	1.2	-0.6	1.8	12.4	-17.4	4.1	-56.9	816.0
200 -550	-3.5	0.3	-0.6	0.1	10.3	-20.5	1.6	-59.0	805.0
200 -525	-3.6	-0.4	-1.2	-0.6	7.6	-23.8	-4.1	-60.1	821.0
200 -500	-2.8	0.9	-0.5	0.7	10.1	-20.4	-2.2	-59.2	819.0
200 -475	-3.9	0.6	-0.9	0.5	10.4	-19.8	0.5	-58.1	811.0
200 -450	-3.2	0.6	0.1	2.5	14.4	-15.9	9.2	-55.3	796.0
200 -425	-3.4	1.2	-0.6	2.3	11.1	-17.9	4.4	-58.3	808.0
200 -400	-2.6	1.3	0.7	4.6	18.3	-9.3	23.0	-47.4	796.0
200 -375	-3.5	0.6	0.0	3.4	14.8	-14.1	11.5	-51.4	796.0
200 -350	-3.5	1.3	-0.1	2.4	13.1	-17.6	10.9	-52.5	795.0
200 -325	-2.8	1.1	0.0	2.5	13.7	-17.3	1.4	-59.0	790.0
200 -300	-3.5	1.1	0.3	4.3	18.0	-10.4	14.2	-51.5	783.0
200 -275	-3.3	1.2	0.1	4.7	17.2	-7.1	17.8	-45.8	793.0
200 -250	-3.6	0.3	-1.9	0.7	7.5	-14.1	6.2	-44.3	789.0
200 -225	-3.3	0.7	-1.3	1.6	8.6	-9.3	15.7	-33.8	784.0
200 -200	-2.8	0.5	-1.1	1.5	7.1	-7.1	11.6	-29.7	795.0
200 -175	-3.3	0.0	-1.5	0.8	5.2	-8.3	9.3	-29.2	806.0
200 -150	-4.0	0.4	-1.8	1.9	7.7	-4.1	11.8	-26.2	822.0
200 -125	-2.6	1.1	-0.8	3.8	12.6	-1.2	23.3	-23.2	831.0
200 -100	-3.3	2.3	-0.3	5.6	19.4	1.0	29.3	-28.0	823.0
200 -75	-2.8	2.1	0.6	6.4	19.6	-3.9	25.0	-38.2	846.0
300 -1875	-0.5	0.0	-0.5	-5.8	4.5	-32.7	-21.2	-76.8	1157.0
300 -1850	0.7	-1.2	1.2	-3.9	7.6	-30.1	-17.0	-73.9	1178.0
300 -1825	-0.3	0.1	1.2	-3.9	8.9	-29.3	-12.5	-74.6	1163.0
300 -1800	-0.6	-0.6	2.2	-0.7	16.6	-21.9	4.9	-70.0	1105.0
300 -1775	0.0	1.3	2.4	2.2	23.6	-15.8	18.6	-70.3	1122.0
300 -1750	1.8	0.4	2.5	3.0	24.8	-14.2	19.5	-67.9	1080.0
300 -1725	0.2	1.0	2.7	2.0	24.2	-14.3	16.4	-66.9	1085.0
300 -1700	1.2	-0.2	2.8	1.9	23.2	-15.1	16.9	-63.9	1092.0
300 -1675	2.6	-1.8	3.2	0.6	22.6	-20.1	10.5	-71.8	1123.0
300 -1650	1.9	-0.1	3.7	3.6	27.5	-12.8	20.5	-65.2	1162.0
300 -1625	2.7	1.6	3.9	2.2	25.9	-14.2	18.1	-65.4	1186.0
300 -1600	0.6	0.1	4.4	3.3	26.1	-15.4	19.4	-65.6	1152.0
300 -1575	1.5	2.2	3.9	6.1	32.7	-6.6	36.2	-59.6	1149.0
300 -1550	1.1	3.1	4.7	8.4	42.2	4.5	48.9	-55.2	964.0
300 -1525	0.9	2.3	3.8	8.4	34.0	-7.9	43.0	-59.8	1008.0
300 -1500	0.9	0.7	4.1	3.0	29.0	-14.8	22.2	-68.4	1023.0
300 -1475	-0.8	2.7	2.9	5.9	32.8	-9.0	27.0	-67.2	998.0
300 -1450	1.1	1.8	3.3	4.8	32.6	-10.6	27.2	-69.2	992.0
300 -1425	1.2	0.8	3.8	4.2	30.8	-13.9	20.3	-72.8	1021.0
300 -1400	0.0	0.6	2.7	-1.2	16.1	-30.9	-7.1	-79.3	1053.0
300 -1375	-1.0	0.6	2.2	0.5	19.6	-27.2	-1.4	-79.5	1095.0
300 -1350	2.4	0.4	4.1	1.9	27.1	-21.9	7.6	-81.7	1116.0
300 -1325	0.1	-0.8	2.9	0.7	20.9	-27.5	4.4	-80.4	1089.0
300 -1300	0.0	1.5	2.8	1.0	22.5	-25.5	-3.6	-81.6	1142.0
300 -1275	-0.9	-0.9	2.8	1.4	24.1	-24.8	3.1	-80.8	1118.0
300 -1250	0.4	1.3	3.0	2.7	27.8	-21.9	7.1	-81.9	1091.0
300 -1225	-0.7	1.8	2.9	3.3	28.4	-20.9	10.0	-78.4	1082.0
300 -1200	0.4	0.7	3.0	-0.1	21.2	-29.0	-8.4	-83.3	1170.0
300 -1175	0.4	-0.2	1.9	-0.4	17.8	-31.3	-9.8	-81.6	1136.0
300 -1150	-0.2	0.7	1.6	-0.5	14.7	-35.1	-19.7	-84.7	1180.0
300 -1125	0.1	-1.2	2.7	-1.0	16.4	-32.7	-11.8	-81.0	1147.0
300 -1100	0.2	0.7	2.9	-2.4	12.7	-36.5	-24.2	-82.9	1115.0
300 -1075	0.8	0.0	2.9	-0.1	18.4	-30.4	-11.8	-79.0	1051.0
300 -1050	1.2	1.4	3.3	0.4	17.0	-33.2	-13.5	-79.5	990.0
300 -1025	0.1	-0.4	3.5	2.8	23.5	-25.6	1.9	-75.7	942.0
300 -1000	-0.5	0.7	4.0	2.3	24.3	-23.3	0.2	-75.0	850.0
300 -975	1.9	0.3	3.5	3.3	24.1	-21.9	3.0	-70.9	862.0
300 -950	0.6	0.0	3.4	0.7	19.5	-24.5	4.7	-66.4	819.0
300 -925	0.1	-0.4	3.1	0.1	17.2	-26.8	0.9	-68.1	844.0

300 -900	-1.3	2.2	3.2	2.9	21.0	-22.0	2.1	-66.6	814.0
300 -875	-0.2	-0.1	3.8	3.6	23.5	-20.0	9.3	-66.2	812.0
300 -850	1.2	1.6	4.8	7.6	35.7	-5.5	38.2	-54.2	829.0
300 -825	0.1	0.8	3.5	7.8	34.2	-4.3	40.6	-52.5	822.0
300 -800	0.5	2.5	4.5	5.1	30.6	-9.6	27.4	-57.9	814.0
300 -775	-1.0	0.3	3.6	5.3	27.6	-11.5	21.1	-58.1	756.0
300 -750	-0.5	0.7	4.0	2.0	24.3	-16.3	12.8	-60.9	799.0
300 -725	-0.2	0.8	3.7	4.2	23.3	-17.6	11.4	-62.5	800.0
300 -700	0.1	0.6	4.2	1.4	22.0	-20.3	8.4	-64.3	818.0
300 -675	0.7	-0.2	4.4	5.5	27.9	-13.6	20.2	-63.6	798.0
300 -650	0.8	1.1	4.7	6.4	32.1	-8.7	27.2	-61.1	762.0
300 -625	0.0	2.4	5.2	7.4	32.5	-7.7	32.6	-57.3	805.0
300 -600	0.4	1.0	4.9	3.2	24.5	-15.3	15.7	-60.6	779.0
300 -575	0.2	1.2	4.1	2.1	17.5	-19.4	12.7	-55.3	827.0
300 -550	0.4	1.3	3.6	0.8	15.8	-19.0	6.3	-56.1	792.0
300 -500	0.6	1.1	4.5	3.2	19.7	-14.2	17.2	-49.2	811.0
300 -475	0.9	1.4	3.7	3.7	22.0	-11.9	19.7	-49.3	785.0
300 -450	-0.4	1.8	5.3	6.3	26.8	-6.5	32.7	-42.9	794.0
300 -425	0.0	0.9	5.0	6.9	28.9	-5.3	33.1	-44.5	794.0
300 -400	1.4	3.9	5.3	7.5	32.2	-1.1	37.0	-40.7	793.0
300 -375	1.1	1.6	5.5	7.9	31.2	-2.0	35.3	-40.4	763.0
300 -350	1.2	2.5	5.1	8.0	30.8	-1.1	36.0	-39.8	824.0
300 -325	-0.4	3.4	5.1	9.2	33.5	6.1	49.5	-27.8	767.0
300 -300	-0.6	2.6	4.2	6.9	27.1	-0.6	37.2	-34.3	820.0
300 -275	0.0	3.1	3.2	5.0	21.7	-0.3	33.7	-25.1	778.0
300 -250	0.9	1.0	2.5	3.0	15.4	-3.7	20.4	-26.2	767.0
300 -225	0.0	0.1	1.7	1.3	11.0	-5.0	14.0	-25.3	761.0
300 -200	1.1	0.3	1.3	-0.2	7.7	-7.6	9.8	-26.0	793.0
300 -175	0.3	1.2	1.9	0.9	9.9	-5.6	13.8	-25.6	813.0
300 -150	1.3	1.8	1.8	3.0	17.3	0.9	30.2	-20.3	813.0
300 -125	-0.2	2.6	3.2	6.2	22.6	0.5	35.6	-27.8	772.0
300 -100	1.1	2.7	4.2	5.6	25.9	-1.5	33.4	-37.7	766.0
300 -75	1.3	2.0	5.5	5.0	24.0	-7.9	26.2	-44.4	787.0
400 -1825	0.4	0.2	0.5	-1.5	7.2	-13.6	4.5	-45.3	1073.0
400 -1800	1.4	-1.6	0.5	-2.6	5.1	-16.4	0.4	-47.7	1077.0
400 -1775	-0.1	0.5	1.3	-1.6	7.6	-14.6	3.9	-47.4	1058.0
400 -1750	0.0	-1.5	0.6	-1.5	10.2	-13.5	9.6	-47.9	1005.0
400 -1725	1.0	1.5	2.1	1.6	18.8	-7.7	26.6	-46.6	994.0
400 -1700	1.3	-0.7	2.4	2.1	21.5	-8.2	29.0	-51.6	1021.0
400 -1675	1.5	-0.8	2.3	-0.3	16.9	-17.6	14.5	-60.8	1050.0
400 -1650	1.1	0.4	2.4	-0.8	13.4	-24.5	-0.3	-70.0	1106.0
400 -1625	0.3	-1.6	2.6	-2.4	11.5	-28.8	-14.8	-76.9	1179.0
400 -1600	1.0	-0.2	2.6	-1.9	14.1	-26.7	-3.5	-72.6	1218.0
400 -1575	-0.2	0.9	2.0	-1.7	13.5	-27.4	-5.0	-74.3	1195.0
400 -1550	1.8	-1.1	1.9	-1.2	14.8	-27.1	-5.4	-76.7	1061.0
400 -1525	0.7	0.1	1.6	1.2	18.8	-23.7	3.5	-76.5	1012.0
400 -1500	0.2	0.4	2.2	-0.5	19.4	-24.7	-0.5	-79.3	1028.0
400 -1475	1.0	-0.4	2.2	-1.9	15.6	-29.5	-14.2	-85.0	1115.0
400 -1450	-1.5	0.1	1.6	-2.2	14.5	-28.3	-9.4	-78.8	1004.0
400 -1425	1.1	0.5	2.5	-3.3	12.7	-31.2	-10.4	-77.7	992.0
400 -1400	2.1	-0.4	2.3	-5.4	7.1	-35.7	-24.0	-79.7	1003.0
400 -1375	0.7	-2.1	2.1	-5.8	5.1	-37.2	-29.7	-80.4	1011.0
400 -1350	1.9	-2.8	2.0	-4.3	9.2	-31.5	-18.3	-77.1	1037.0
400 -1325	2.2	-2.3	2.3	-5.9	6.1	-37.5	-27.2	-79.4	1048.0
400 -1300	0.2	-0.8	2.2	-5.1	6.3	-37.5	-28.1	-81.1	1056.0
400 -1275	-0.2	-2.0	1.7	-4.0	9.5	-33.8	-19.7	-78.9	1053.0
400 -1250	-0.7	0.1	1.6	-2.8	10.7	-33.5	-19.8	-81.7	1051.0
400 -1225	2.2	-0.8	2.5	-3.6	12.0	-33.9	-20.3	-82.1	1026.0
400 -1200	1.0	-2.0	1.7	-2.4	12.2	-33.6	-13.9	-81.2	1036.0
400 -1175	1.5	1.1	2.8	0.6	22.0	-25.2	-1.5	-80.6	1062.0

400 -1150	1.9	0.4	4.0	2.0	24.8	-24.0	-2.7	-83.3	1125.0
400 -1125	2.0	1.8	3.7	1.5	22.6	-26.0	-11.1	-84.2	1116.0
400 -1100	0.5	-0.1	3.5	3.7	26.1	-25.1	-0.4	-82.0	1076.0
400 -1075	1.2	0.6	4.4	3.9	29.9	-22.3	10.4	-78.5	1074.0
400 -1050	-0.8	0.4	4.0	5.4	31.6	-21.1	12.8	-80.4	1036.0
400 -1025	1.8	1.9	4.9	5.6	32.5	-20.8	15.3	-80.1	988.0
400 -1000	1.0	2.2	4.2	3.6	30.1	-21.6	11.8	-78.2	988.0
400 -975	1.8	1.1	5.0	3.4	26.3	-24.5	5.9	-76.4	931.0
400 -950	-0.5	1.3	3.4	3.0	25.2	-22.5	5.4	-71.4	916.0
400 -925	-0.1	1.5	4.2	2.3	22.9	-23.4	4.7	-68.1	876.0
400 -900	-1.0	0.3	3.6	2.0	21.2	-23.3	-1.1	-69.0	867.0
400 -875	-0.1	0.9	4.4	2.6	23.0	-21.8	4.1	-67.1	848.0
400 -850	-0.7	0.0	4.4	4.4	26.3	-18.8	13.9	-67.3	836.0
400 -825	0.7	1.9	4.6	3.5	27.7	-17.6	15.7	-66.9	800.0
400 -800	0.5	-0.5	4.2	3.1	24.5	-19.7	12.5	-66.6	806.0
400 -775	2.2	0.5	4.3	2.7	22.9	-20.7	7.7	-67.8	797.0
400 -750	0.0	0.9	4.3	2.1	20.6	-24.1	5.4	-69.4	803.0
400 -725	0.5	2.0	3.8	-0.1	18.6	-24.4	0.7	-69.5	795.0
400 -700	1.8	-0.1	4.5	0.7	19.8	-23.3	5.8	-67.5	805.0
400 -675	1.2	2.2	4.1	4.1	25.9	-15.2	17.4	-62.7	805.0
400 -650	0.0	1.5	4.9	5.0	26.0	-14.9	19.2	-60.8	805.0
400 -625	1.9	1.7	4.3	3.0	22.0	-17.7	11.0	-60.8	820.0
400 -600	-0.5	-0.2	3.5	1.1	17.9	-20.2	3.5	-60.8	819.0
400 -575	1.6	1.5	4.0	1.0	17.1	-18.8	5.9	-55.8	803.0
400 -550	-0.2	2.1	3.9	2.9	18.8	-13.1	14.7	-47.7	829.0
400 -525	1.4	1.5	3.8	2.1	17.3	-14.6	12.2	-48.4	820.0
400 -500	0.6	1.2	3.7	3.4	18.6	-12.1	16.7	-45.7	808.0
400 -475	-0.3	3.1	4.3	5.5	22.9	-7.2	23.8	-41.9	814.0
400 -450	1.2	2.9	4.9	6.9	27.7	-2.9	34.5	-37.7	804.0
400 -425	0.6	2.7	5.7	8.0	31.3	-0.1	39.0	-35.9	804.0
400 -400	-0.6	1.9	6.0	9.1	33.2	1.8	42.3	-33.7	807.0
400 -375	0.1	2.6	6.3	8.8	33.8	1.4	41.6	-36.0	810.0
400 -350	2.4	3.1	6.6	8.3	31.4	-1.9	36.5	-39.2	815.0
400 -325	1.7	2.6	5.3	6.3	26.7	-2.9	33.5	-35.9	821.0
400 -300	2.7	1.0	5.0	3.5	17.8	-6.0	23.9	-30.4	818.0
400 -275	0.8	1.2	1.9	-1.5	5.9	-12.4	5.9	-32.1	813.0
400 -250	2.1	-0.8	-0.2	-3.5	0.2	-14.0	3.4	-26.7	803.0
400 -225	0.6	-0.1	0.2	-4.2	0.0	-12.6	-0.8	-29.2	808.0
400 -200	0.8	0.0	-0.4	-1.6	3.2	-10.1	5.0	-29.2	813.0
400 -175	0.4	0.3	2.4	1.3	15.1	-4.5	21.2	-30.0	806.0
400 -150	0.5	2.7	3.9	5.4	23.7	-3.4	31.1	-36.4	813.0
400 -125	0.1	1.7	5.2	6.1	28.1	-3.5	32.8	-40.3	807.0
400 -100	0.4	2.0	5.9	8.0	30.3	-0.8	37.2	-37.5	784.0
400 -75	0.3	2.7	5.2	5.0	26.1	-6.3	28.5	-42.9	780.0
500 -1825	-0.1	-0.3	1.0	4.1	14.5	9.4	34.5	-3.0	1151.6
500 -1800	0.3	0.0	0.9	-1.2	6.4	-13.3	7.9	-37.5	1105.6
500 -1775	1.0	-0.6	0.1	-3.1	3.0	-18.2	-0.5	-42.9	1053.9
500 -1750	-0.7	0.1	0.5	-3.5	3.0	-19.6	-2.8	-46.6	1016.8
500 -1725	0.8	-3.9	0.4	-3.7	1.1	-25.0	-7.5	-52.1	1035.1
500 -1700	-0.3	-1.8	0.7	-4.5	1.7	-24.3	-10.3	-57.0	1043.2
500 -1675	0.6	-2.9	0.7	-5.7	-0.3	-28.5	-14.3	-60.7	1090.1
500 -1650	-0.3	-1.3	0.4	-5.2	0.3	-27.1	-11.3	-56.2	1138.0
500 -1625	0.8	-1.2	-0.3	-7.6	-4.5	-33.6	-23.8	-63.4	1185.5
500 -1600	0.5	-0.4	0.6	-7.8	-7.4	-36.5	-28.6	-63.5	1210.4
500 -1575	1.6	-1.4	-0.3	-7.5	-5.2	-31.9	-24.3	-58.2	1151.4
500 -1550	-0.4	-1.5	0.6	-4.3	0.2	-23.5	-12.3	-49.0	1058.7
500 -1525	0.9	-1.4	0.6	-2.0	4.0	-16.7	0.5	-39.5	1032.7
500 -1500	0.9	0.4	2.0	0.4	10.2	-8.1	13.6	-31.4	1023.1
500 -1475	0.0	0.3	1.7	2.9	17.2	2.4	30.5	-18.6	1034.9
500 -1450	1.4	1.6	3.3	7.3	21.9	11.6	44.9	-2.7	1027.7

500	-1425	1.3	2.2	3.1	9.4	27.0	20.3	53.6	4.9	1081.4
500	-1400	1.5	2.5	2.8	10.9	30.0	24.5	60.1	10.1	1123.7
500	-1375	0.0	2.8	3.3	10.9	30.4	24.3	62.3	8.6	1196.3
500	-1350	1.3	1.9	2.6	10.6	32.0	26.3	63.4	10.7	1115.3
500	-1325	1.3	0.6	3.1	11.2	29.4	24.7	60.8	9.2	1035.0
500	-1300	-0.3	2.6	3.2	5.5	23.4	8.9	40.0	-14.3	1058.4
500	-1275	-1.7	-0.2	1.4	0.4	11.5	-12.1	11.6	-42.4	1025.5
500	-1250	-0.2	-0.3	0.6	-2.0	6.6	-16.8	3.1	-43.7	1026.9
500	-1225	0.9	0.3	0.8	-4.5	0.5	-24.7	-12.2	-51.8	1044.8
500	-1200	0.2	-0.3	-0.5	-8.2	-9.4	-34.8	-32.8	-57.8	1117.7
500	-1175	0.9	-1.6	-0.9	-11.1	-14.7	-42.1	-44.7	-64.1	1199.0
500	-1150	-1.3	-2.3	-0.2	-8.7	-10.5	-39.9	-36.6	-66.6	1162.7
500	-1125	-0.4	-2.4	0.7	-5.1	5.3	-30.3	-18.3	-70.2	1103.4
500	-1100	-0.9	-1.4	1.0	-3.4	12.3	-29.5	-8.9	-72.3	1044.8
500	-1075	0.1	0.6	2.5	0.9	20.6	-26.4	-0.8	-79.3	1012.8
500	-1050	-0.1	0.2	4.1	3.5	26.9	-24.5	5.3	-82.2	1000.4
500	-1025	-0.1	0.6	3.8	2.3	27.3	-24.4	8.6	-81.3	1002.1
500	-1000	-0.2	2.9	4.6	2.8	27.7	-23.7	11.8	-77.1	1025.1
500	-975	0.2	0.1	4.0	1.9	26.4	-22.9	6.8	-75.2	995.2
500	-950	-0.3	-0.6	3.6	1.4	20.3	-27.3	-5.0	-75.5	963.9
500	-925	-0.4	0.3	3.9	0.2	17.3	-29.3	-6.8	-74.3	939.4
500	-900	-1.0	0.9	4.2	-0.2	16.5	-29.9	-5.8	-72.4	889.8
500	-875	0.5	-0.3	3.7	3.1	20.9	-24.2	3.6	-70.8	889.7
500	-850	0.0	0.5	4.8	3.8	24.8	-20.6	13.8	-68.7	862.2
500	-825	1.7	-0.4	3.7	2.3	25.9	-19.1	15.0	-70.5	852.2
500	-800	0.6	1.0	5.7	3.2	27.8	-14.8	19.2	-65.0	851.9
500	-775	-0.4	1.0	3.8	5.2	26.8	-11.1	26.0	-55.8	840.7
500	-750	1.7	2.4	4.3	6.0	28.4	-7.7	27.9	-54.3	843.6
500	-725	0.5	1.8	4.7	6.1	29.6	-5.5	33.8	-51.5	839.1
500	-700	0.4	0.6	5.3	5.3	29.5	-6.2	35.5	-51.5	840.0
500	-675	0.8	0.7	4.5	5.8	27.5	-7.6	31.4	-51.2	833.5
500	-650	0.3	2.2	4.9	3.1	22.7	-13.2	19.0	-54.8	850.1
500	-625	1.7	2.0	4.3	1.0	16.5	-19.7	7.3	-57.8	866.9
500	-600	1.2	0.3	3.8	0.0	12.6	-23.5	-2.1	-59.6	848.2
500	-575	1.2	-1.9	3.6	0.3	13.1	-22.6	1.2	-58.6	861.0
500	-550	0.0	0.0	4.1	2.3	19.2	-14.3	15.5	-49.7	853.0
500	-525	0.4	1.7	4.5	5.3	26.2	-5.8	32.8	-44.1	850.2
500	-500	0.4	3.3	5.7	7.9	32.6	0.5	41.6	-41.5	853.9
500	-475	-0.6	2.3	5.6	8.9	33.3	-1.8	42.1	-45.5	853.5
500	-450	1.4	3.8	5.7	9.4	36.1	-0.5	46.2	-45.4	847.1
500	-425	3.1	0.9	6.0	9.5	36.4	-1.9	43.7	-46.8	854.7
500	-400	0.1	3.3	6.4	8.1	35.2	-5.3	38.5	-51.4	855.6
500	-375	0.6	3.7	5.9	8.6	34.3	-8.7	36.4	-56.5	840.1
500	-350	1.5	4.0	7.0	6.0	34.4	-9.0	34.1	-56.7	825.8
500	-325	1.8	2.0	5.4	8.0	32.5	-2.9	37.5	-47.3	830.0
500	-300	1.7	0.0	3.2	2.4	17.1	-12.0	16.0	-48.8	831.4
500	-275	0.6	-2.0	0.0	-2.5	5.5	-15.0	3.4	-43.9	832.5
500	-250	-8.9	-0.1	-0.6	-4.0	-2.4	-20.4	-8.6	-47.5	821.7
500	-225	0.9	-3.5	-1.8	-7.2	-3.6	-22.5	-10.7	-50.5	831.7
500	-200	1.2	-2.8	0.7	-3.7	3.8	-20.5	-0.4	-53.1	809.0
500	-175	2.6	-1.0	3.6	0.6	18.2	-17.7	11.4	-61.3	802.2
500	-150	1.4	0.9	5.7	1.7	20.3	-25.8	3.9	-73.0	795.8
500	-125	2.1	3.7	6.8	1.7	21.3	-26.7	3.6	-74.3	792.7
500	-100	1.8	2.1	6.9	0.2	17.6	-29.9	-2.3	-75.4	785.7
500	-75	0.6	1.3	6.0	1.0	18.4	-25.6	2.8	-69.3	776.0
600	-1825	1.9	-0.6	2.3	-2.5	3.8	-12.5	3.1	-28.6	1198.2
600	-1800	-0.3	1.0	0.6	-4.5	-1.1	-19.8	-6.8	-39.9	1266.1
600	-1775	1.5	-2.4	0.6	-5.7	-2.7	-24.6	-12.0	-46.7	1243.1
600	-1750	-0.5	0.6	0.6	-3.2	-1.0	-18.2	-5.4	-34.0	1242.5
600	-1725	2.3	0.5	1.4	-0.4	4.9	-8.0	7.7	-20.5	1157.5

600 -1700	0.4	-0.6	1.4	2.2	8.2	2.8	15.2	-5.2	1137.3
600 -1675	-1.0	0.8	-0.1	0.9	5.7	-1.1	11.5	-10.6	1158.6
600 -1650	1.4	-1.1	0.1	0.6	5.9	-3.7	10.9	-15.2	1162.4
600 -1625	1.4	-0.6	0.9	1.1	6.7	-0.3	12.9	-9.8	1118.8
600 -1600	0.8	0.9	0.3	3.0	8.3	7.7	19.4	3.9	1128.0
600 -1575	-0.8	0.4	-0.6	4.7	8.6	16.0	22.1	20.2	1060.4
600 -1550	0.4	2.1	1.3	5.9	10.9	20.0	24.1	29.7	1036.6
600 -1525	2.0	1.1	1.6	7.4	11.5	24.4	25.4	37.0	1129.8
600 -1500	1.7	0.8	1.9	6.3	11.2	18.8	23.8	25.5	1033.2
600 -1475	0.0	1.9	1.1	5.6	10.3	16.0	22.3	19.7	1097.3
600 -1450	-0.9	1.3	0.9	5.2	9.5	14.9	20.7	19.2	1100.5
600 -1425	0.5	0.2	1.5	4.8	10.5	12.8	21.5	14.5	1087.4
600 -1400	1.0	2.0	1.3	5.9	10.8	19.8	24.2	27.3	1221.2
600 -1375	1.8	1.0	0.1	5.1	10.1	13.8	22.8	17.6	1224.1
600 -1350	2.1	2.8	0.7	7.0	13.8	22.9	31.6	29.6	1240.5
600 -1325	-1.6	0.9	0.2	7.4	14.9	22.2	34.8	27.0	930.9
600 -1300	0.7	-0.4	0.7	4.6	13.1	9.5	27.9	5.0	1009.7
600 -1275	-0.3	-1.0	1.9	0.2	9.5	-8.1	12.2	-28.6	1013.1
600 -1250	-0.9	-2.6	1.1	-5.4	-1.0	-28.8	-16.9	-56.5	996.5
600 -1225	1.3	-1.0	0.2	-5.7	-2.5	-29.9	-19.5	-57.3	1007.8
600 -1200	0.0	-0.9	0.4	-9.3	-9.7	-39.1	-35.7	-63.1	1119.8
600 -1175	-0.6	-3.1	-0.4	-12.3	-18.7	-47.0	-55.6	-68.3	1222.1
600 -1150	-1.1	-1.9	-1.3	-9.7	-13.5	-39.6	-41.5	-64.0	1189.1
600 -1125	-0.3	-1.3	-0.1	-6.7	-3.3	-36.0	-31.3	-71.8	1128.8
600 -1100	-0.8	-3.4	0.8	-6.2	-1.4	-38.7	-27.0	-73.6	1059.2
600 -1075	-0.4	0.0	0.4	-6.6	0.0	-40.4	-35.6	-80.9	1007.0
600 -1050	-1.2	0.3	2.1	-3.6	8.9	-36.9	-19.2	-82.2	995.1
600 -1025	1.4	-0.7	3.0	-1.2	15.8	-34.2	-15.6	-86.2	993.7
600 -1000	1.1	-1.0	3.8	0.3	19.1	-31.3	-10.3	-84.8	1018.9
600 -975	0.7	-0.2	3.1	-1.7	11.7	-36.5	-19.7	-83.6	1014.4
600 -950	0.3	-1.3	2.9	-3.2	6.0	-39.2	-27.0	-78.6	988.8
600 -925	1.0	-0.7	3.3	-2.5	10.8	-34.5	-20.2	-76.5	957.9
600 -900	-1.1	1.1	3.6	-1.3	13.5	-31.8	-7.8	-71.6	942.2
600 -875	-0.5	0.4	4.5	3.1	20.4	-24.1	3.9	-69.6	917.0
600 -850	0.3	0.2	5.0	5.3	27.9	-14.4	25.4	-61.5	906.7
600 -825	-0.6	3.6	4.6	7.0	32.3	-8.7	35.4	-58.6	907.3
600 -800	-1.2	2.8	4.9	4.2	30.4	-8.8	33.9	-57.9	881.8
600 -775	-1.9	0.9	3.9	6.5	29.5	-6.5	36.1	-52.9	879.6
600 -750	-0.9	2.5	4.3	4.9	27.3	-9.3	37.5	-51.4	866.2
600 -725	0.2	0.3	3.2	3.8	23.4	-13.2	24.5	-58.5	877.7
600 -700	1.9	-0.2	5.4	3.0	22.8	-16.8	16.1	-64.3	883.7
600 -675	-0.4	1.2	3.6	2.5	16.3	-23.1	9.0	-65.4	890.2
600 -650	-1.7	0.1	3.8	0.5	12.4	-28.5	-4.0	-70.5	896.2
600 -625	1.1	-0.4	4.1	-1.3	9.6	-32.7	-10.7	-74.4	898.5
600 -600	1.4	-0.1	4.7	0.1	13.4	-28.1	-12.6	-70.5	876.6
600 -575	0.6	1.2	5.3	0.1	14.5	-28.6	-1.7	-71.5	868.9
600 -550	0.6	0.7	4.9	1.3	16.7	-24.7	6.0	-70.3	877.5
600 -525	0.5	0.5	4.6	2.2	20.2	-24.6	6.5	-74.2	933.3
600 -500	0.2	3.0	5.6	3.2	23.3	-24.0	5.3	-78.2	890.9
600 -475	1.5	0.7	6.0	2.2	22.7	-28.1	4.7	-79.9	870.7
600 -450	-0.3	2.7	5.4	0.8	20.9	-31.3	-4.2	-83.8	864.3
600 -425	0.2	0.0	5.3	-0.3	17.2	-37.7	-15.9	-89.9	873.2
600 -400	0.3	1.7	5.8	0.2	19.0	-37.7	-11.3	-88.9	866.4
600 -375	2.3	0.1	5.7	-0.4	17.7	-37.9	-10.7	-89.2	864.8
600 -350	-1.1	0.6	4.0	-2.1	11.4	-38.2	-23.9	-87.5	858.7
600 -325	1.0	0.5	2.0	-5.7	-0.2	-40.9	-32.9	-80.1	851.4
600 -300	1.0	-1.6	0.5	-7.9	-4.0	-39.6	-35.0	-76.7	857.3
600 -275	1.5	-1.3	-0.3	-9.0	-6.1	-38.9	-33.2	-74.8	868.8
600 -250	0.5	-1.5	-0.4	-7.1	-1.6	-35.2	-24.2	-72.9	863.6
600 -225	-0.7	-0.7	2.0	-4.0	7.3	-32.5	-17.5	-78.0	838.0

600 -200	-0.1	0.3	3.6	-4.1	6.3	-41.1	-23.5	-86.3	825.1
600 -175	2.4	0.1	6.7	-1.5	13.3	-40.2	-19.8	-87.2	820.4
600 -150	0.8	1.5	7.3	-0.6	16.4	-37.0	-12.7	-84.8	806.9
600 -125	0.9	2.6	6.7	1.0	19.3	-31.1	-2.9	-79.4	785.8
600 -100	0.5	0.7	6.0	1.0	18.2	-28.8	1.7	-75.0	779.6
600 -75	0.3	1.2	4.7	2.7	22.6	-20.2	2.0	-70.0	765.0
700 -1825	0.8	0.7	0.7	-1.6	1.9	-7.4	3.0	-17.7	1206.4
700 -1800	-0.1	1.1	-0.1	-1.6	1.0	-6.7	2.2	-17.0	1245.1
700 -1775	1.6	0.6	1.1	-1.1	2.9	-6.4	4.0	-17.5	1286.7
700 -1750	-0.6	0.9	-0.2	1.2	3.4	2.2	9.0	-0.5	1177.9
700 -1725	0.6	0.0	0.2	2.5	4.3	8.9	11.5	14.2	1130.4
700 -1700	1.2	2.0	-0.5	3.6	5.4	14.5	14.6	22.3	1147.1
700 -1675	0.9	0.7	-0.5	0.2	2.1	-0.7	3.7	-4.8	1240.0
700 -1650	-1.6	-0.6	-1.3	0.5	2.7	-0.1	6.3	-5.8	1172.1
700 -1625	-1.7	-0.8	-0.9	2.1	3.5	5.8	9.5	5.1	1125.4
700 -1600	1.6	0.5	0.8	0.5	3.7	0.8	7.1	-2.8	1109.2
700 -1575	-0.5	-0.2	0.3	0.9	3.3	2.2	6.8	0.6	1142.5
700 -1550	-0.1	1.5	-0.4	2.1	3.3	6.9	8.4	8.2	1142.8
700 -1525	0.9	1.9	0.2	5.1	6.9	18.7	17.3	29.6	1072.5
700 -1500	0.1	0.0	-0.1	5.1	7.8	16.8	19.0	25.0	1139.3
700 -1475	-0.4	1.1	0.1	3.8	7.1	11.7	16.3	14.4	1186.4
700 -1450	-0.6	2.1	-0.3	3.5	6.8	11.1	16.4	13.0	1128.8
700 -1425	0.9	0.0	0.6	3.6	7.2	9.2	17.2	9.7	1099.3
700 -1400	-0.6	-1.3	0.3	2.8	6.9	6.6	18.1	7.3	1215.0
700 -1375	2.0	0.0	1.1	1.8	7.0	2.5	15.0	-4.5	1223.9
700 -1350	0.3	-0.7	0.4	2.5	8.1	4.0	17.1	-3.4	1246.0
700 -1325	1.5	1.2	1.3	2.0	9.7	4.2	17.3	-7.9	1158.3
700 -1300	-0.4	-1.5	0.8	0.0	6.8	-6.1	10.0	-22.6	1074.8
700 -1275	0.6	-0.9	0.4	-1.9	3.5	-14.8	-0.9	-36.8	1009.7
700 -1250	0.4	-2.9	0.3	-4.6	0.1	-23.3	-11.8	-49.2	980.0
700 -1225	-0.5	-2.1	0.7	-3.4	1.6	-19.9	-8.0	-43.5	1026.1
700 -1200	1.6	-1.3	0.0	-4.7	-1.8	-26.6	-17.4	-52.1	1101.8
700 -1175	-0.3	-1.1	0.8	-4.5	0.0	-25.3	-11.0	-50.7	1183.9
700 -1150	0.0	-2.5	-0.5	-3.4	1.8	-24.2	-13.0	-55.8	1238.3
700 -1125	1.6	-1.5	0.7	-4.2	-0.8	-30.3	-15.5	-59.4	1196.6
700 -1100	1.0	-1.5	0.5	-5.5	0.3	-32.0	-23.0	-67.3	1090.5
700 -1075	1.2	-1.4	1.0	-4.5	2.6	-33.7	-20.6	-70.7	1034.1
700 -1050	-0.4	-1.7	0.9	-3.1	6.9	-33.1	-18.9	-77.6	1029.5
700 -1025	-1.4	-0.5	0.9	-3.4	10.8	-30.8	-17.5	-80.4	1042.3
700 -1000	0.3	-1.4	1.4	-1.8	12.6	-30.6	-10.6	-78.2	1029.0
700 -975	-0.3	-0.6	2.5	-0.4	15.5	-26.3	-5.0	-73.1	1014.9
700 -950	0.4	-1.6	2.3	-2.0	10.6	-28.7	-16.8	-73.0	1006.7
700 -925	2.0	-1.4	1.4	-3.2	6.3	-31.9	-20.8	-71.7	977.5
700 -900	-0.4	3.1	2.8	-0.8	13.7	-26.0	-9.5	-69.9	974.6
700 -875	1.3	1.4	5.0	1.0	18.0	-24.9	5.3	-68.5	951.5
700 -850	-0.1	1.8	5.0	4.1	25.3	-17.7	20.6	-64.4	930.5
700 -825	1.9	3.2	5.6	3.2	22.5	-22.2	14.1	-69.9	923.8
700 -800	2.3	2.2	4.5	4.2	27.1	-14.6	20.9	-65.2	929.2
700 -775	0.7	1.0	3.9	2.8	23.1	-15.9	22.1	-59.7	927.0
700 -750	1.1	1.6	4.1	3.6	23.5	-11.6	24.6	-55.8	918.5
700 -725	0.1	0.1	4.5	2.6	21.5	-13.6	24.0	-54.1	910.7
700 -700	0.3	2.0	4.5	3.1	21.6	-14.2	22.0	-54.5	929.7
700 -675	1.7	2.3	4.6	1.9	18.8	-19.3	11.7	-61.6	936.1
700 -650	-0.3	2.3	3.9	0.7	14.6	-25.1	4.3	-66.0	929.9
700 -625	-0.3	2.2	5.3	1.9	19.6	-20.2	11.7	-62.1	904.4
700 -600	-1.7	2.2	5.5	2.5	21.0	-19.6	12.1	-64.9	922.4
700 -575	-0.4	3.2	5.9	3.1	23.9	-17.1	25.1	-61.0	949.0
700 -550	1.3	1.6	5.8	4.5	28.3	-13.4	24.8	-65.1	999.0
700 -525	0.4	1.7	6.2	4.5	22.5	-23.2	15.0	-70.6	978.7
700 -500	-0.6	1.4	5.6	2.8	23.2	-24.2	6.3	-76.1	925.7

700 -475	0.8	3.3	6.6	1.1	20.9	-30.2	3.6	-77.3	914.2
700 -450	0.7	3.2	5.6	0.5	17.7	-33.8	-6.3	-83.0	898.4
700 -425	1.8	0.6	5.8	-0.7	16.0	-36.2	-11.8	-84.6	886.8
700 -400	-1.2	0.0	3.9	-0.3	10.1	-38.2	-15.8	-86.5	876.0
700 -375	-1.4	-0.6	2.7	-5.0	0.5	-41.0	-28.3	-81.0	864.1
700 -350	0.2	-1.0	0.7	-9.2	-12.9	-46.5	-40.7	-76.3	873.0
700 -325	-0.7	-1.7	-0.5	-7.7	-5.4	-34.8	-28.5	-67.7	875.2
700 -300	0.4	-1.9	-1.9	-7.9	-2.7	-31.8	-20.1	-65.5	885.3
700 -275	0.3	0.8	0.3	-4.6	3.8	-27.7	-11.1	-65.7	894.9
700 -250	1.4	1.7	3.6	2.0	19.0	-19.2	14.3	-65.0	882.4
700 -225	0.5	2.4	6.6	7.5	32.1	-10.2	34.1	-58.6	867.5
700 -200	-0.6	3.2	7.8	8.6	34.9	-9.4	37.0	-58.8	860.6
700 -175	1.5	2.3	6.8	7.8	34.1	-6.2	39.1	-52.5	840.0
700 -150	1.6	3.0	6.3	8.1	32.2	-4.8	45.5	-44.9	829.1
700 -125	1.2	3.2	6.9	8.3	33.2	-0.5	44.5	-40.6	818.7
700 -100	1.5	3.3	5.6	5.8	28.2	-6.7	35.2	-43.3	821.1
700 -75	2.9	3.0	6.4	5.6	28.2	-2.0	40.4	-36.5	820.8
800 -1825	2.6	-1.3	2.3	0.4	4.9	0.5	9.0	-2.9	1158.2
800 -1800	1.1	-0.5	0.5	2.4	3.2	8.9	10.1	12.0	1252.2
800 -1775	0.4	2.5	0.4	4.4	4.6	17.6	14.3	30.5	1262.0
800 -1750	-0.6	-0.1	-0.6	5.2	3.6	19.4	13.9	34.2	1177.2
800 -1725	-0.8	2.0	0.4	5.0	3.6	21.1	13.5	36.1	1093.0
800 -1700	1.4	0.0	-0.2	2.3	2.3	8.7	7.9	12.4	1170.2
800 -1675	1.5	-1.3	0.1	-0.1	1.2	-1.8	2.2	-5.9	1085.4
800 -1650	-0.2	-0.1	-0.3	-3.7	-1.0	-13.4	-6.5	-27.3	1076.8
800 -1625	0.6	-0.9	0.9	-2.9	-0.1	-11.9	-4.4	-24.1	1101.9
800 -1600	-0.1	0.4	0.3	-1.5	0.4	-8.5	-1.9	-18.4	1070.1
800 -1575	1.7	-1.3	0.6	-1.3	0.4	-8.0	-1.7	-17.4	1100.5
800 -1550	1.2	1.3	0.2	0.6	3.1	0.0	5.9	-5.2	1112.7
800 -1525	-0.7	0.4	0.5	1.4	4.4	3.7	9.7	1.4	1059.9
800 -1500	0.2	-0.3	1.8	3.4	6.9	10.6	16.5	13.1	1082.3
800 -1475	1.5	0.9	1.6	2.7	6.4	7.1	14.0	6.8	1006.2
800 -1450	2.7	-0.5	2.0	1.7	6.2	3.7	12.4	-0.2	1058.6
800 -1425	1.2	-0.5	0.5	0.4	5.6	1.0	10.1	-5.4	1078.2
800 -1400	2.9	0.4	0.4	2.2	6.8	4.6	14.1	1.2	1129.6
800 -1375	1.7	-0.6	1.9	1.4	7.0	2.2	12.7	-4.9	1155.8
800 -1350	-0.2	-1.3	0.6	1.7	6.5	2.4	12.2	-4.4	1121.9
800 -1325	0.8	-1.1	1.3	-0.3	6.0	-3.5	8.3	-16.3	1120.5
800 -1300	2.2	0.1	1.8	-1.0	5.6	-9.2	4.3	-26.7	1049.5
800 -1275	3.0	0.5	2.2	-1.0	5.7	-9.3	5.4	-27.0	998.2
800 -1250	2.1	-1.3	2.8	-1.9	6.3	-13.4	0.8	-36.0	996.8
800 -1225	0.1	-1.0	2.6	-1.5	7.3	-12.5	5.0	-33.0	1062.2
800 -1200	2.0	0.2	2.3	-1.6	8.1	-12.0	7.5	-35.1	1116.2
800 -1175	2.8	0.3	2.2	-0.2	10.2	-10.3	11.6	-36.2	1132.4
800 -1150	2.2	0.4	2.6	-1.4	9.4	-15.0	5.2	-45.3	1142.0
800 -1125	1.9	1.1	2.5	-2.5	6.9	-22.2	-1.8	-51.2	1131.9
800 -1100	1.2	-1.5	3.0	-2.8	9.0	-22.7	-3.1	-56.9	1091.3
800 -1075	-0.3	0.6	3.0	-2.1	9.5	-24.3	-2.1	-59.5	1044.0
800 -1050	2.6	-1.3	2.8	0.0	15.4	-20.5	2.6	-61.6	1028.4
800 -1025	2.8	0.1	2.4	-0.6	13.7	-22.7	-3.5	-62.8	1023.7
800 -1000	1.0	-0.9	1.4	-2.9	7.5	-26.2	-10.5	-60.1	1031.7
800 -975	7.5	0.2	8.4	-2.2	16.6	-22.2	3.4	-54.2	1009.3
800 -950	0.9	-0.2	0.6	-2.6	5.0	-21.2	-6.5	-46.9	988.8
800 -925	1.4	-1.3	2.3	-1.9	7.8	-17.7	1.0	-42.9	960.0
800 -900	1.4	2.3	3.2	3.7	17.2	-7.3	19.0	-37.5	954.1
800 -875	2.2	3.7	6.9	6.9	27.4	-3.2	35.7	-35.6	943.1
800 -850	0.5	4.6	7.2	7.8	28.7	-6.7	32.7	-44.4	926.5
800 -825	1.0	4.0	6.9	7.4	29.2	-7.4	28.8	-45.9	920.0
800 -800	1.0	0.6	7.5	8.0	30.0	-5.1	32.4	-44.4	920.0
800 -775	2.2	1.9	7.3	5.7	26.8	-8.8	33.3	-43.2	927.8

800 -750	1.1	3.6	6.0	6.2	27.3	-4.6	32.8	-42.1	937.6
800 -725	3.4	0.6	8.3	7.4	29.8	-2.1	36.3	-39.9	955.4
800 -700	1.8	1.1	6.1	6.3	28.3	-1.9	39.3	-37.4	954.5
800 -675	1.0	1.4	5.6	3.0	24.0	-9.2	27.9	-46.6	908.7
800 -650	3.4	0.9	6.4	3.3	22.6	-12.2	17.2	-53.3	893.5
800 -625	1.0	1.5	5.9	1.5	18.9	-17.9	12.7	-55.6	893.9
800 -600	0.6	3.0	5.6	2.4	17.8	-20.3	8.0	-61.4	898.9
800 -575	0.7	2.3	5.5	1.2	18.9	-20.4	10.1	-60.9	933.0
800 -550	3.4	1.8	7.0	3.4	24.1	-16.7	19.2	-60.2	945.1
800 -525	3.2	3.1	7.2	3.7	27.2	-15.5	22.4	-61.3	907.5
800 -500	2.6	1.0	7.7	5.3	26.9	-20.3	18.6	-67.4	891.7
800 -475	2.8	2.4	7.6	4.7	28.2	-19.6	14.5	-70.5	885.2
800 -450	1.2	0.9	6.6	5.8	27.9	-17.7	20.1	-65.4	870.3
800 -425	0.2	3.0	5.7	3.4	23.9	-17.5	16.5	-60.8	858.4
800 -400	1.9	1.3	4.7	2.3	17.0	-18.7	8.6	-57.4	861.7
800 -375	1.3	1.0	3.7	0.6	14.6	-15.3	6.0	-50.1	856.4
800 -350	-1.0	-1.2	1.4	-0.9	11.6	-16.6	4.8	-48.5	848.3
800 -325	-0.1	0.2	1.8	0.8	12.6	-12.3	10.2	-43.5	844.7
800 -300	1.0	0.2	2.2	1.7	15.9	-9.7	17.4	-43.0	837.0
800 -275	0.6	2.2	5.1	5.2	22.8	-8.9	30.7	-42.5	829.8
800 -250	1.4	0.9	5.7	5.9	27.8	-8.0	27.8	-51.6	819.6
800 -225	2.1	3.9	6.6	6.1	28.0	-10.8	29.3	-52.2	811.4
800 -200	2.1	1.6	7.0	6.2	31.8	-5.3	34.2	-48.7	797.1
800 -175	1.6	5.1	5.9	4.3	27.2	-10.1	25.0	-52.7	781.1
800 -150	1.1	2.9	6.3	4.7	24.4	-12.1	23.5	-50.4	772.0
800 -125	1.0	2.8	4.7	2.5	20.0	-16.5	15.1	-54.7	773.0
800 -100	0.8	2.0	5.0	1.7	17.4	-17.9	9.7	-56.0	775.7
800 -75	1.6	0.3	5.0	1.2	18.3	-16.7	12.8	-55.4	760.5
900 -1825	-1.3	-0.4	-0.2	0.5	1.2	2.5	4.6	1.8	1046.2
900 -1800	-0.3	-0.6	0.3	2.8	2.5	10.4	7.8	18.3	1096.6
900 -1775	1.0	-1.6	0.1	2.9	3.2	12.8	9.8	21.5	1176.5
900 -1750	1.1	0.4	0.7	5.3	4.0	22.7	13.4	40.8	1143.3
900 -1725	0.1	1.3	-0.1	5.1	4.7	21.9	17.3	39.4	1047.2
900 -1700	0.8	0.5	1.5	1.5	4.5	4.6	11.0	4.5	1067.5
900 -1675	2.0	-0.3	0.6	-2.4	0.7	-11.5	-2.2	-24.9	1020.4
900 -1650	-0.2	-1.0	0.8	-4.2	-0.9	-17.2	-7.9	-35.5	1050.3
900 -1625	0.2	-0.8	0.5	-3.0	-0.3	-14.5	-5.5	-28.9	1024.5
900 -1600	1.5	-0.5	0.2	-3.0	-1.3	-12.6	-5.2	-25.0	1035.6
900 -1575	-0.7	-0.2	-0.1	-5.1	-2.9	-17.6	-9.9	-37.4	1047.2
900 -1550	-0.9	-0.3	0.3	-1.2	2.1	-6.7	3.8	-16.9	1022.2
900 -1525	1.4	0.4	0.6	0.4	5.3	0.1	10.7	-9.3	972.2
900 -1500	0.5	0.1	1.4	4.8	8.7	16.5	23.2	21.1	1038.1
900 -1475	1.4	1.9	0.2	6.7	8.6	25.2	23.8	39.8	998.1
900 -1450	-0.2	2.0	0.7	6.2	7.5	22.2	21.6	34.1	981.7
900 -1425	1.9	1.8	0.3	4.5	7.4	16.5	19.5	22.6	1038.0
900 -1400	-0.6	0.3	0.0	4.9	6.8	17.0	19.3	24.3	1019.2
900 -1375	-0.9	0.3	-0.4	5.9	7.3	20.3	21.1	28.8	1016.2
900 -1350	1.5	1.6	0.8	2.8	7.1	8.4	17.0	7.3	1006.2
900 -1325	0.6	0.1	0.5	1.9	6.7	4.7	15.1	-0.4	1061.9
900 -1300	0.7	0.5	0.6	1.2	7.1	0.8	13.4	-8.6	1040.2
900 -1275	-0.6	0.3	0.9	0.3	6.3	-3.6	9.6	-17.3	1025.5
900 -1250	0.9	0.6	1.7	-0.7	4.9	-9.1	5.4	-26.6	1114.1
900 -1225	1.0	-0.2	1.6	0.4	8.4	-3.9	13.3	-20.6	1073.2
900 -1200	1.3	1.4	2.2	1.2	9.3	-4.6	13.3	-23.9	1130.9
900 -1175	-0.8	-0.4	1.7	-1.6	5.1	-14.5	2.8	-35.6	1123.4
900 -1150	0.1	-1.3	2.4	-2.0	6.0	-16.1	1.4	-39.0	1073.0
900 -1125	2.6	0.5	3.1	-1.8	8.7	-16.8	4.4	-41.7	1063.9
900 -1100	2.9	-0.1	3.6	-1.5	9.4	-19.7	2.6	-47.5	1069.4
900 -1075	2.0	-1.9	2.5	-3.3	5.3	-26.1	-10.4	-56.9	1029.8
900 -1050	1.9	-0.5	2.3	-4.0	4.6	-26.2	-14.4	-57.0	1026.1

900 -1025	0.8	-2.2	1.3	-4.2	5.4	-24.2	-8.7	-53.7	1004.1
900 -1000	1.9	0.0	1.6	-2.5	6.0	-19.7	-6.4	-47.3	1001.3
900 -975	0.5	-0.2	0.5	-3.7	4.1	-16.7	-8.0	-42.6	984.4
900 -950	1.2	-1.9	0.6	-2.5	3.0	-14.9	1.6	-35.3	973.0
900 -925	0.9	-1.5	2.0	0.5	11.1	-5.5	14.9	-29.4	957.2
900 -900	2.0	1.2	3.8	5.5	20.4	3.1	33.9	-22.6	936.2
900 -875	1.8	1.9	4.8	7.4	27.2	7.0	42.8	-24.3	918.2
900 -850	2.0	2.6	7.1	8.7	30.6	3.3	36.9	-34.2	906.6
900 -825	0.7	2.8	8.1	8.4	31.2	-3.2	34.0	-40.3	903.9
900 -800	1.6	3.1	8.3	5.8	27.5	-9.5	23.9	-47.9	922.9
900 -775	1.6	2.0	7.5	5.0	24.0	-14.8	17.6	-51.5	926.6
900 -750	2.7	3.4	8.5	4.5	24.4	-13.1	17.7	-49.6	918.4
900 -725	1.8	2.3	6.6	3.6	21.4	-14.8	14.6	-52.5	916.5
900 -700	1.0	1.6	6.2	3.4	22.0	-12.3	15.7	-51.3	904.6
900 -675	3.3	-1.4	6.7	4.2	22.9	-9.3	21.7	-47.2	886.9
900 -650	2.5	1.2	5.4	3.5	21.1	-10.0	21.3	-44.9	873.4
900 -625	1.2	0.4	5.8	1.5	21.7	-9.8	22.5	-43.6	872.5
900 -600	0.7	2.7	5.4	3.3	19.6	-13.3	14.4	-48.7	896.3
900 -575	1.5	2.1	6.5	2.8	20.4	-15.2	14.4	-50.9	913.0
900 -550	2.3	4.9	6.8	4.0	24.6	-14.9	16.7	-53.6	893.4
900 -525	0.1	2.5	9.1	6.7	32.2	-11.7	25.1	-56.0	874.8
900 -500	3.1	4.1	9.7	5.8	31.8	-16.7	19.6	-61.6	861.0
900 -475	2.6	2.9	7.8	5.6	29.3	-16.9	15.5	-62.7	836.7
900 -450	0.7	2.4	5.3	2.1	22.5	-13.0	15.9	-49.7	844.5
900 -425	1.1	-0.1	1.5	-1.1	11.1	-11.4	6.8	-42.0	824.7
900 -400	1.1	-1.8	-2.2	-5.9	-1.6	-17.3	-3.1	-38.2	835.6
900 -375	0.6	-3.8	-3.1	-5.7	-2.5	-14.1	-4.8	-35.9	805.3
900 -350	0.8	-2.1	-1.9	-6.8	1.5	-17.1	-3.7	-44.1	801.1
900 -325	1.6	-0.3	2.0	-1.6	11.7	-13.3	11.8	-43.3	798.3
900 -300	1.9	0.9	7.0	3.5	23.5	-12.8	19.3	-52.2	788.2
900 -275	3.4	1.9	9.9	6.8	30.4	-11.2	24.8	-54.6	794.4
900 -250	2.9	4.1	11.1	7.1	30.3	-11.1	31.5	-50.9	779.9
900 -225	4.8	3.1	10.8	6.9	32.2	-8.3	32.5	-51.6	774.9
900 -200	4.1	3.5	9.5	7.7	33.6	-1.6	40.9	-43.5	764.6
900 -175	3.2	1.3	9.1	6.2	30.4	-3.6	37.7	-41.5	761.7
900 -150	4.3	1.8	7.3	3.6	25.0	-10.1	21.0	-50.1	747.4
900 -125	1.9	0.6	7.4	2.0	21.3	-15.3	17.4	-50.0	752.4
900 -100	2.0	0.3	5.8	2.5	20.9	-11.8	19.2	-48.1	726.8
900 -75	4.0	0.8	7.1	2.1	22.3	-12.6	18.8	-50.8	727.7
1000 -1825	-3.5	-0.4	-2.9	-0.2	-1.9	-1.3	0.3	-5.9	1052.1
1000 -1800	-3.3	-1.0	-3.5	-0.6	-2.0	-3.5	2.4	-9.9	995.0
1000 -1775	-3.5	-0.2	-3.2	0.9	-1.4	1.5	2.3	0.4	1013.0
1000 -1750	-3.6	0.7	-3.9	2.5	-0.3	8.3	4.4	12.9	1213.4
1000 -1725	-3.1	0.2	-3.0	2.2	0.4	7.2	7.6	11.9	969.9
1000 -1700	-4.1	0.8	-2.7	3.0	0.5	14.5	7.6	25.2	1126.5
1000 -1675	-2.9	-0.1	-3.3	0.6	-0.7	2.4	5.3	0.6	1041.5
1000 -1650	-4.1	-0.7	-4.4	-2.9	-4.7	-11.5	-7.5	-24.8	980.5
1000 -1625	-4.3	-1.4	-4.3	-6.8	-8.7	-23.6	-20.1	-45.0	951.7
1000 -1600	-3.7	-1.6	-4.5	-6.5	-8.9	-24.4	-20.3	-45.8	983.7
1000 -1575	-3.0	-1.9	-3.6	-6.2	-8.1	-22.2	-18.0	-42.8	996.4
1000 -1550	-3.8	-1.9	-3.8	-6.9	-9.7	-25.6	-20.8	-45.3	985.5
1000 -1525	-3.5	-2.1	-3.3	-6.2	-8.3	-24.1	-19.6	-43.8	989.0
1000 -1500	-3.7	-1.4	-3.4	-4.5	-6.0	-18.6	-12.7	-39.1	1070.3
1000 -1475	-3.2	-0.6	-3.2	-0.4	0.6	-4.3	5.7	-13.5	1066.0
1000 -1450	-3.3	1.0	-2.5	3.8	4.9	10.5	18.1	10.2	1110.8
1000 -1425	-2.5	1.3	-2.4	6.7	7.2	21.0	23.8	31.1	1111.4
1000 -1400	-2.6	0.8	-2.8	4.7	5.3	12.7	20.1	17.2	1115.2
1000 -1375	-3.7	1.3	-3.0	5.1	5.5	14.6	19.7	17.9	1089.6
1000 -1350	-3.0	0.8	-2.6	4.5	5.5	12.3	18.9	14.6	976.7
1000 -1325	-3.1	1.7	-2.5	3.8	5.6	8.4	17.6	5.9	1169.9

1000	-1300	-3.3	0.4	-2.2	2.7	5.7	4.7	15.7	-1.6	1054.0
1000	-1275	-3.8	0.3	-3.4	0.7	2.4	-3.6	8.6	-14.7	1072.9
1000	-1250	-3.4	0.6	-2.3	0.7	2.6	-3.3	8.6	-12.3	1038.3
1000	-1225	-2.7	0.1	-2.5	-1.0	0.6	-8.9	3.1	-24.5	986.6
1000	-1200	-3.9	-0.4	-2.8	-1.8	-1.0	-12.5	-1.1	-28.3	980.9
1000	-1175	-3.2	-1.3	-2.9	-3.8	-4.8	-18.7	-10.0	-36.5	1004.9
1000	-1150	-4.2	-2.0	-3.6	-5.6	-8.1	-21.5	-15.6	-37.4	1056.6
1000	-1125	-3.1	-1.5	-3.9	-4.5	-6.5	-21.3	-12.4	-39.1	1091.7
1000	-1100	-3.1	-0.5	-2.8	-1.7	0.3	-14.0	0.7	-33.5	1087.9
1000	-1075	-3.7	0.1	-2.7	-0.4	2.2	-10.5	2.6	-30.8	1052.7
1000	-1050	-3.6	-2.4	-4.3	-3.4	-3.9	-14.4	-6.7	-33.7	1039.9
1000	-1025	-5.5	-2.6	-7.0	-5.3	-7.4	-16.0	-11.4	-35.2	1027.1
1000	-1000	-4.6	-2.2	-6.7	-4.4	-5.6	-13.1	-9.0	-33.4	1012.4
1000	-975	-5.0	-2.1	-7.0	-3.4	-3.6	-11.2	-3.2	-29.7	993.2
1000	-950	-5.1	-1.3	-4.3	-0.9	1.1	-9.1	2.6	-30.0	965.4
1000	-925	-3.2	0.4	-0.8	2.1	8.7	-8.2	13.7	-30.2	940.9
1000	-900	-0.6	2.6	3.2	4.7	18.8	-3.6	26.1	-31.3	925.7
1000	-875	-1.6	3.0	3.7	7.3	22.7	1.5	33.8	-26.5	930.4
1000	-850	-1.3	2.8	4.2	8.6	23.3	2.0	39.1	-22.6	940.7
1000	-825	-2.1	3.6	4.0	7.9	22.4	1.4	34.2	-22.4	922.4
1000	-800	-0.9	3.2	4.2	6.3	17.5	-6.7	22.6	-32.8	938.3
1000	-775	-2.9	2.3	3.2	4.4	13.4	-11.7	15.1	-37.0	945.5
1000	-750	-2.6	2.7	2.5	4.3	13.8	-9.2	13.8	-36.9	936.8
1000	-725	-3.3	1.8	2.2	2.2	8.2	-15.2	3.8	-40.0	926.6
1000	-700	-2.5	0.5	1.1	1.1	5.6	-15.6	0.8	-39.7	919.5
1000	-675	-3.1	0.8	0.8	1.1	7.2	-12.1	4.9	-36.2	920.5
1000	-650	-2.3	1.5	0.2	0.4	5.9	-13.6	2.9	-39.3	909.2
1000	-625	-2.9	0.9	0.4	1.4	8.9	-10.1	9.0	-36.7	907.8
1000	-600	-3.1	1.4	0.5	2.3	10.7	-9.0	12.7	-37.1	911.7
1000	-575	-1.6	2.4	3.0	4.6	18.8	-6.7	21.2	-37.3	890.5
1000	-550	-1.8	2.6	3.8	7.0	20.8	-11.0	23.7	-43.3	856.1
1000	-525	-2.2	3.4	4.9	8.7	25.7	-8.9	26.7	-45.4	865.6
1000	-500	-1.8	3.1	3.9	7.0	22.0	-11.1	17.2	-46.5	840.1
1000	-475	-2.7	0.7	0.9	2.4	11.0	-11.8	11.5	-37.2	837.9
1000	-450	-3.3	-0.8	-3.3	0.8	1.0	-8.7	3.7	-27.6	838.8
1000	-425	-3.6	-2.5	-7.0	-4.5	-5.7	-8.1	-5.0	-25.0	827.0
1000	-400	-5.2	-2.9	-9.3	-5.8	-9.2	-8.1	-5.4	-22.6	811.6
1000	-375	-4.4	-2.6	-7.8	-4.3	-6.0	-8.6	-2.8	-25.7	803.6
1000	-350	-3.5	-0.5	-3.2	0.1	4.8	-4.9	10.0	-26.9	790.5
1000	-325	-2.5	2.5	2.6	4.1	14.9	-6.2	19.4	-34.3	783.6
1000	-300	-1.0	4.5	5.5	5.8	19.8	-8.3	22.8	-37.8	769.7
1000	-275	-0.2	5.2	7.0	8.5	24.7	-0.7	32.8	-29.9	762.6
1000	-250	-0.8	4.3	5.7	8.2	25.9	3.6	37.2	-25.8	759.2
1000	-225	-1.3	3.7	4.1	6.1	22.8	0.2	31.8	-30.1	752.7
1000	-200	-1.5	3.2	3.1	5.4	19.6	-2.3	27.0	-29.6	739.4
1000	-175	-1.8	2.6	3.1	4.2	15.9	-6.7	19.5	-33.6	745.9
1000	-150	-1.8	1.8	1.6	3.6	14.3	-6.4	18.4	-33.8	734.8
1000	-125	-1.8	1.0	0.7	1.4	11.4	-11.4	12.7	-39.3	718.2
1000	-100	-2.0	1.1	0.4	1.8	11.1	-10.2	13.4	-39.3	722.3
1000	-75	-2.3	0.9	0.3	1.8	11.4	-12.1	11.7	-42.9	719.0
1100	-1825	-4.1	-0.2	-3.7	-0.3	-3.7	-1.2	-3.5	-4.1	1064.0
1100	-1800	-3.6	-0.6	-3.7	-0.7	-4.1	-3.6	-6.6	-8.1	1018.4
1100	-1775	-2.7	-0.5	-3.3	-0.3	-3.1	-1.6	-2.1	-4.5	1019.6
1100	-1750	-3.0	-0.5	-3.1	1.1	-1.2	2.2	1.4	2.6	984.3
1100	-1725	-3.0	0.1	-3.1	0.6	-1.2	1.5	2.3	0.4	891.3
1100	-1700	-2.8	-0.4	-3.0	0.2	-1.3	-0.2	1.8	-1.9	959.7
1100	-1675	-2.9	-0.9	-3.1	0.7	-0.6	1.5	3.2	0.0	958.0
1100	-1650	-2.8	-0.6	-3.4	-1.6	-3.9	-8.6	-3.8	-18.2	1026.3
1100	-1625	-4.1	-0.3	-3.5	-2.3	-2.8	-11.0	-1.1	-24.0	1069.0
1100	-1600	-2.7	-0.9	-2.9	-3.1	-4.8	-13.7	-11.9	-27.4	995.7

1100	-1575	-3.5	-1.3	-4.2	-3.0	-5.1	-11.9	-4.9	-27.1	1021.5
1100	-1550	-3.0	-0.9	-3.3	-3.1	-4.6	-13.5	-7.6	-28.2	994.0
1100	-1525	-3.8	-1.8	-3.0	-4.0	-4.3	-15.5	-8.0	-31.1	1066.4
1100	-1500	-2.9	-0.9	-2.7	-2.0	-0.8	-9.6	-1.7	-23.3	1065.9
1100	-1475	-3.0	-0.8	-3.2	-2.6	-1.6	-12.6	0.4	-31.7	1013.4
1100	-1450	-2.9	-0.5	-2.4	-0.7	1.9	-5.9	8.9	-19.6	1073.7
1100	-1425	-3.4	0.4	-2.0	2.0	4.4	3.0	15.6	-2.5	1051.0
1100	-1400	-2.4	1.6	-1.0	3.8	7.0	7.2	23.5	4.1	1095.0
1100	-1375	-2.1	2.1	0.7	6.1	12.1	12.4	29.8	9.0	1092.1
1100	-1350	-1.1	3.8	3.6	8.3	18.0	13.4	34.6	11.9	1121.2
1100	-1325	-4.1	-1.8	-7.9	0.4	-2.4	12.1	10.7	15.4	1244.5
1100	-1300	-3.3	-2.9	-6.9	-5.5	-10.2	-9.5	-8.9	-18.3	1137.7
1100	-1275	-3.2	-1.8	-5.0	-6.5	-11.3	-17.9	-19.9	-30.3	1075.3
1100	-1250	-2.6	-1.4	-3.0	-6.6	-9.4	-25.0	-26.7	-39.9	1248.3
1100	-1225	-2.0	-0.9	-1.1	-6.9	-9.7	-30.9	-26.4	-49.2	1046.6
1100	-1200	-2.3	-1.0	-0.7	-7.9	-10.1	-32.7	-28.9	-50.6	979.7
1100	-1175	-3.5	-1.6	-5.0	-6.5	-10.8	-19.4	-17.4	-34.8	965.9
1100	-1150	-3.1	-0.1	-2.6	-1.0	2.3	-10.8	9.4	-30.5	1040.8
1100	-1125	-3.2	1.2	-1.4	2.2	12.8	-3.4	26.0	-28.1	1047.5
1100	-1100	-3.3	1.6	-1.1	4.0	12.9	-2.3	19.3	-27.1	1053.2
1100	-1075	-3.5	-0.4	-3.2	-0.3	3.1	-10.7	3.3	-32.7	1071.3
1100	-1050	-5.3	-2.5	-5.9	-3.0	-3.7	-11.8	-9.7	-29.6	1080.8
1100	-1025	-5.2	-2.8	-7.2	-3.4	-4.9	-8.8	-4.3	-22.6	1078.0
1100	-1000	-5.6	-2.7	-7.4	-2.8	-4.0	-8.3	-5.5	-23.2	1028.3
1100	-975	-5.6	-1.2	-5.6	-1.7	-0.8	-9.4	0.0	-28.7	979.4
1100	-950	-3.4	0.8	-0.9	1.5	8.1	-6.3	14.4	-27.2	977.1
1100	-925	-2.2	2.0	2.1	4.0	13.6	-4.1	19.3	-28.6	957.8
1100	-900	-0.8	3.7	5.0	6.1	19.8	0.6	31.8	-23.4	945.7
1100	-875	0.0	4.1	5.5	5.6	19.2	-3.8	26.1	-29.3	967.3
1100	-850	-0.5	3.9	5.3	6.6	19.2	-1.6	27.2	-26.1	944.5
1100	-825	-1.2	2.6	4.4	6.5	18.4	-0.4	26.4	-23.3	977.4
1100	-800	-1.9	2.7	3.7	4.7	14.7	-6.9	12.9	-33.4	973.2
1100	-775	-1.6	1.5	2.9	3.3	12.1	-9.8	11.0	-34.0	967.5
1100	-750	-2.2	1.5	1.3	1.4	7.2	-14.5	3.0	-36.9	975.6
1100	-725	-2.1	1.9	2.0	1.4	8.9	-10.4	8.6	-30.8	971.5
1100	-700	-2.9	1.4	1.0	1.5	5.9	-11.6	1.3	-31.7	971.3
1100	-675	-2.7	1.6	0.6	1.9	6.8	-8.7	7.6	-28.8	978.3
1100	-650	-2.3	1.8	0.8	2.8	9.9	-6.0	12.5	-27.4	974.7
1100	-625	-1.9	1.3	1.3	3.1	12.5	-4.5	16.4	-28.2	958.9
1100	-600	-2.0	1.4	1.6	3.6	13.7	-9.4	13.4	-38.9	924.9
1100	-575	-2.2	2.8	2.7	5.4	18.3	-6.7	20.7	-37.1	898.4
1100	-550	-1.6	3.5	3.8	7.2	22.0	-5.1	24.5	-36.3	893.0
1100	-525	-2.1	2.5	3.2	7.5	21.6	-5.1	27.2	-35.3	890.5
1100	-500	-1.8	1.8	1.9	4.5	15.5	-8.0	15.8	-39.4	844.3
1100	-475	-1.9	0.2	-0.7	0.0	5.5	-10.3	4.9	-34.0	869.3
1100	-450	-2.5	-0.4	-2.5	-1.4	0.5	-8.5	4.6	-23.8	859.8
1100	-425	-3.8	-1.7	-4.6	-3.6	-4.5	-10.9	-5.3	-27.7	827.7
1100	-400	-4.1	-2.3	-5.5	-4.1	-4.8	-11.5	-6.1	-29.9	827.2
1100	-375	-2.9	-0.6	-2.6	-1.1	2.2	-10.1	1.3	-31.6	824.6
1100	-350	-3.2	1.7	1.6	3.4	12.5	-6.5	14.0	-31.3	807.7
1100	-325	-1.8	3.7	4.5	6.0	18.5	-5.4	22.2	-32.4	794.7
1100	-300	-0.8	4.0	4.9	6.4	20.2	-3.6	26.1	-28.7	796.4
1100	-275	-1.2	3.7	4.6	7.5	21.6	0.4	32.0	-23.1	796.0
1100	-250	-1.2	4.3	3.7	7.5	21.9	3.7	33.0	-19.8	787.7
1100	-225	-1.3	2.6	2.9	7.1	20.5	4.0	31.2	-19.9	775.5
1100	-200	-1.2	3.1	2.3	6.4	18.9	0.4	29.5	-21.4	764.6
1100	-175	-1.9	2.6	1.5	5.8	18.8	0.9	29.5	-25.0	782.1
1100	-150	-1.0	2.4	1.4	6.0	19.0	0.5	30.8	-24.8	782.7
1100	-125	-2.0	1.2	0.9	4.9	17.4	-3.4	25.0	-33.9	759.8
1100	-100	-2.3	1.6	0.8	5.1	18.6	-2.3	27.3	-34.4	753.3

1100	-75	-2.2	1.5	0.6	5.2	18.7	-2.8	28.7	-36.3	763.8
1200	-1825	-2.3	-0.2	-2.4	-0.2	-1.5	0.0	0.5	-1.2	1937.3
1200	-1800	-3.4	-0.4	-3.2	0.0	-1.5	-0.2	1.0	-2.1	1191.3
1200	-1775	-3.2	-0.2	-3.2	1.5	-2.5	5.0	-0.7	9.7	1173.9
1200	-1750	-1.9	0.5	-1.5	2.3	-1.0	9.0	-1.1	16.4	1788.2
1200	-1725	-1.6	-0.1	-2.0	0.8	-0.9	1.6	1.2	1.5	1209.2
1200	-1700	-3.3	-0.1	-3.4	1.7	-1.5	7.0	-0.7	10.5	1016.7
1200	-1675	-1.8	1.4	-1.4	5.5	1.6	20.6	6.5	35.1	1192.8
1200	-1650	-2.5	0.1	-2.9	2.1	0.0	7.8	4.8	13.8	1568.9
1200	-1625	-3.5	-0.9	-3.3	-1.1	-2.6	-4.4	-0.9	-9.7	1122.5
1200	-1600	-3.1	-0.9	-3.0	-1.4	1.6	-2.5	-0.3	-14.7	983.8
1200	-1575	-2.9	-0.5	-2.5	-1.1	-3.5	-4.3	-8.2	-11.4	940.6
1200	-1550	-3.0	-0.8	-2.6	-0.8	-1.7	-5.7	-0.7	-13.4	979.1
1200	-1525	-2.9	-0.6	-2.2	-3.7	-4.8	-18.5	-12.9	-34.9	1101.7
1200	-1500	-2.0	1.7	0.9	1.3	5.7	-5.3	9.5	-18.0	964.7
1200	-1475	-2.7	-4.4	-7.4	-14.5	-27.5	-28.3	-41.0	-34.2	868.2
1200	-1450	-6.0	-8.2	-15.5	-14.0	-27.6	-13.1	-31.2	-15.8	1144.5
1200	-1425	1.3	3.5	6.8	-1.9	3.1	-20.1	-7.7	-35.3	941.0
1200	-1400	-1.6	-3.9	-6.7	-15.0	-28.8	-26.8	-44.5	-29.7	1277.3
1200	-1375	-12.4	-13.0	-27.2	-14.5	-37.5	-8.1	-38.9	-9.3	334.3
1200	-1350	-19.7	-16.5	-36.1	-15.4	-44.9	-9.1	-46.2	-12.9	786.4
1200	-1325	-21.1	-20.3	-41.2	-21.4	-60.2	-15.9	-70.6	-13.3	1052.4
1200	-1300	-21.9	-21.3	-41.8	-19.1	-55.9	-17.4	-67.6	-22.2	1002.6
1200	-1275	-12.8	-12.0	-25.1	-18.2	-46.9	-29.6	-67.7	-30.6	986.2
1200	-1250	-10.4	-8.4	-18.7	-14.2	-36.9	-19.6	-46.2	-18.9	1003.6
1200	-1225	-9.1	-5.6	-14.6	-7.3	-18.5	-9.7	-16.2	-17.7	989.3
1200	-1200	-6.1	-1.8	-6.5	-1.8	-2.8	-7.7	4.5	-25.5	960.6
1200	-1175	-5.2	-1.4	-3.7	0.6	5.3	-4.5	15.1	-25.4	947.7
1200	-1150	-3.8	0.2	-2.1	3.7	13.1	1.6	25.0	-26.0	973.2
1200	-1125	-6.7	-0.6	-6.0	3.6	9.3	2.1	24.9	-19.4	977.4
1200	-1100	-9.2	-3.0	-11.1	0.2	-0.7	-1.8	1.9	-23.2	1002.8
1200	-1075	-11.1	-6.0	-15.6	-3.9	-12.7	-6.7	-12.1	-20.0	1038.7
1200	-1050	-11.7	-6.8	-17.5	-6.6	-20.2	-11.1	-24.0	-22.0	1056.1
1200	-1025	-10.1	-7.1	-17.2	-7.9	-21.4	-12.2	-24.5	-20.9	1017.2
1200	-1000	-8.1	-5.0	-13.0	-6.2	-15.5	-11.6	-17.5	-23.4	984.1
1200	-975	-3.3	-1.5	-3.9	-2.8	-1.7	-11.0	-0.4	-26.9	948.8
1200	-950	1.5	3.2	3.7	2.5	11.9	-5.3	16.1	-22.8	918.5
1200	-925	1.9	4.2	7.4	3.4	17.0	-6.8	23.4	-27.4	912.1
1200	-900	2.3	6.0	8.0	6.0	21.1	-0.9	31.8	-19.0	903.6
1200	-875	2.2	5.5	7.4	6.3	21.4	0.9	32.5	-17.4	903.3
1200	-850	0.6	3.3	5.5	4.6	17.8	-2.9	24.7	-25.1	931.1
1200	-825	-0.7	2.9	4.4	4.5	15.3	-5.7	24.2	-24.6	941.2
1200	-800	-1.9	2.5	2.9	5.3	15.8	-1.3	24.2	-22.5	947.0
1200	-775	-1.2	1.6	2.3	3.7	11.1	-7.3	16.1	-27.1	940.1
1200	-750	-2.5	1.4	0.8	1.6	7.0	-9.5	13.3	-27.9	944.4
1200	-725	-3.1	0.8	-0.6	1.0	4.5	-10.1	1.1	-31.1	952.8
1200	-700	-3.2	0.3	-0.5	1.1	4.7	-8.4	2.6	-28.3	939.3
1200	-675	-2.2	1.0	-0.1	1.9	7.4	-6.5	9.7	-25.4	931.5
1200	-650	-2.3	0.9	0.1	1.7	8.0	-8.4	11.8	-28.3	942.9
1200	-625	-2.8	1.7	0.0	3.3	12.2	-5.0	19.9	-24.8	935.2
1200	-600	-3.3	2.5	0.9	4.7	14.8	-1.9	26.7	-24.1	917.5
1200	-575	-2.4	2.4	1.6	5.3	16.8	-3.2	23.1	-28.7	905.2
1200	-550	-2.9	1.8	1.8	5.2	16.2	-5.7	18.7	-33.4	893.1
1200	-525	-2.9	2.1	1.9	5.6	15.4	-6.5	18.5	-31.9	880.8
1200	-500	-3.5	1.6	0.8	4.3	13.5	-5.1	16.4	-30.1	877.7
1200	-475	-2.7	1.2	0.8	3.6	11.7	-5.3	14.5	-28.1	867.3
1200	-450	-2.9	0.9	-1.0	2.4	7.5	-4.8	10.9	-24.6	863.7
1200	-425	-3.5	1.3	-1.1	3.3	9.0	-2.8	17.6	-20.1	858.4
1200	-400	-3.8	0.9	-1.2	3.0	9.9	-2.3	15.7	-24.7	828.6
1200	-375	-3.2	1.0	-0.5	3.2	14.0	-1.0	16.8	-28.4	815.4

1200	-350	-2.6	1.6	0.9	3.9	14.7	-4.7	19.1	-31.3	792.8
1200	-325	-3.0	2.6	1.2	5.0	16.4	-4.4	20.7	-33.6	794.2
1200	-300	-2.3	2.9	1.9	4.8	15.3	-7.6	17.2	-37.1	775.9
1200	-275	-2.5	1.8	2.0	4.1	15.7	-7.1	21.0	-31.8	768.3
1200	-250	-1.9	1.2	1.5	4.3	17.2	-3.6	22.4	-30.4	763.3
1200	-225	-2.6	1.8	2.0	4.4	17.1	-4.0	26.4	-28.3	758.1
1200	-200	-2.1	1.5	1.3	4.1	15.9	-6.9	19.1	-38.0	754.4
1200	-175	-2.6	1.5	0.7	4.7	16.0	-6.8	23.2	-38.5	753.4
1200	-150	-2.1	1.3	0.5	3.6	16.9	-6.7	23.2	-40.1	743.8
1200	-125	-2.9	1.7	0.4	4.1	19.4	-5.9	31.3	-38.2	737.9
1200	-100	-2.8	0.5	-0.2	2.6	13.7	-11.9	15.1	-48.4	742.7
1200	-75	-3.1	0.0	0.0	2.7	15.8	-8.5	16.1	-48.3	748.4
1300	-1825	-4.4	-0.5	-4.2	-0.2	-3.6	0.0	-2.3	-2.1	1394.1
1300	-1800	-3.1	-0.5	-3.7	0.5	-2.5	1.4	-1.0	2.2	1000.4
1300	-1775	-3.3	-0.3	-3.1	1.1	-1.8	3.4	0.2	5.1	1082.5
1300	-1750	-3.0	0.1	-3.1	0.8	-2.0	3.1	-0.1	5.0	1150.4
1300	-1725	0.0	0.2	-3.2	1.2	-1.5	4.3	1.0	7.5	1061.2
1300	-1700	-4.2	0.0	-4.0	1.4	-2.0	6.1	1.0	10.4	1061.2
1300	-1675	-2.4	0.5	-3.4	2.8	-0.9	9.3	3.0	17.6	980.2
1300	-1650	-3.1	-0.4	-4.1	0.8	-1.9	3.0	0.9	4.3	934.0
1300	-1625	-3.6	-0.5	-3.7	-0.8	-2.8	-3.3	-1.5	-7.5	943.7
1300	-1600	-3.1	-0.2	-3.2	-0.1	-2.0	-0.9	-0.5	-4.2	900.2
1300	-1575	-3.6	-0.4	-3.6	-0.5	-2.3	-3.5	-0.9	-9.3	937.5
1300	-1550	-2.7	-0.3	-2.2	-0.7	-1.9	-4.1	-0.8	-10.6	975.0
1300	-1525	-2.9	0.1	-2.0	-3.1	-2.9	-13.1	-6.1	-27.5	1045.7
1300	-1500	-3.4	0.4	-2.9	-1.1	-2.2	-5.6	-2.1	-13.3	1132.1
1300	-1475	-10.2	-5.6	-14.6	-3.2	-14.9	2.8	-12.5	4.2	998.1
1300	-1450	-13.7	-9.0	-21.4	-4.4	-23.5	4.4	-21.9	9.9	998.2
1300	-1425	-13.0	-9.0	-21.1	-6.2	-24.9	-1.2	-25.9	0.5	1044.4
1300	-1400	-14.3	-10.4	-23.7	-9.8	-29.9	-9.4	-34.1	-14.9	895.5
1300	-1375	-16.1	-11.4	-26.3	-9.4	-30.6	-7.8	-32.8	-11.9	940.2
1300	-1350	-16.3	-9.7	-22.9	-5.9	-23.6	-5.8	-26.2	-14.0	990.7
1300	-1325	-18.7	-6.3	-20.0	-3.0	-19.5	-8.4	-20.8	-19.9	1008.8
1300	-1300	-15.5	-4.4	-15.8	-3.5	-17.9	-12.6	-24.6	-26.9	964.7
1300	-1275	-13.6	-3.1	-12.6	-4.9	-16.0	-14.1	-21.7	-25.7	968.9
1300	-1250	-7.2	-0.5	-6.4	-2.8	-7.7	-12.3	-9.8	-24.8	992.4
1300	-1225	-5.3	-0.3	-4.6	-2.4	-3.5	-12.8	-6.8	-30.7	971.4
1300	-1200	-3.0	-0.3	-2.7	-2.6	-1.3	-13.9	-3.1	-33.3	952.4
1300	-1175	-2.6	-0.7	-2.6	-1.5	2.2	-12.6	4.1	-33.6	964.4
1300	-1150	-3.5	0.0	-1.6	0.5	6.3	-8.9	9.1	-33.5	964.6
1300	-1125	-4.6	-0.7	-3.8	-0.3	3.3	-9.0	4.7	-31.2	946.7
1300	-1100	-7.7	-3.1	-9.7	-2.3	-4.9	-8.6	-4.9	-28.1	937.4
1300	-1075	-11.9	-5.4	-15.2	-4.0	-12.9	-9.3	-15.9	-25.0	959.7
1300	-1050	-13.7	-6.6	-18.5	-5.1	-18.2	-10.9	-23.7	-25.8	976.2
1300	-1025	-13.3	-6.5	-18.3	-5.3	-19.1	-12.3	-21.8	-27.9	970.8
1300	-1000	-9.3	-3.3	-11.6	-1.7	-6.4	-7.8	-7.0	-24.8	936.3
1300	-975	-4.6	-0.4	-3.0	0.3	4.0	-8.4	4.9	-28.2	919.9
1300	-950	0.9	2.9	4.6	2.5	13.9	-5.0	19.6	-23.6	919.9
1300	-925	2.6	4.6	7.0	4.1	17.1	-3.3	24.9	-20.9	898.2
1300	-900	0.6	4.4	6.3	7.0	18.5	2.1	31.1	-14.1	923.2
1300	-875	0.1	4.3	5.0	5.5	16.8	-0.5	27.7	-20.1	927.1
1300	-850	-1.0	3.3	3.5	6.1	16.7	1.3	27.4	-17.0	945.3
1300	-825	-1.6	3.8	2.3	7.7	17.9	8.5	34.5	-5.6	971.3
1300	-800	-1.4	2.4	1.8	5.0	14.3	1.7	25.3	-14.4	963.5
1300	-775	-2.0	1.0	0.5	3.4	9.7	0.5	17.4	-12.4	947.7
1300	-750	-3.6	0.7	-1.8	1.4	3.6	-4.3	5.9	-16.3	949.8
1300	-725	-3.1	-0.4	-2.3	0.4	2.8	-4.5	5.3	-17.1	977.1
1300	-700	-3.3	-0.6	-2.2	1.0	3.0	-5.6	5.7	-19.3	993.6
1300	-675	-2.8	0.1	-1.3	1.1	5.0	-6.7	7.2	-24.8	972.1
1300	-650	-3.0	1.9	0.1	3.4	10.3	-4.5	15.5	-23.7	954.0

1300	-625	-2.2	1.3	1.1	5.0	14.7	-4.1	19.6	-29.0	948.2
1300	-600	-2.9	1.7	1.2	5.1	15.6	-5.6	21.7	-31.3	951.2
1300	-575	-3.2	1.4	1.0	6.7	19.3	0.6	27.2	-27.7	929.6
1300	-550	-2.7	2.4	0.8	5.5	16.9	-1.7	24.3	-26.8	927.5
1300	-525	-2.9	1.8	-0.2	4.3	13.0	-3.0	17.4	-26.1	910.2
1300	-500	-2.9	1.5	-0.4	1.8	7.8	-7.8	8.2	-29.3	903.1
1300	-475	-2.5	0.3	-1.1	0.9	4.3	-11.7	2.7	-31.4	898.6
1300	-450	-3.4	0.4	-1.2	0.6	5.4	-9.2	4.6	-29.2	903.1
1300	-425	-2.8	1.3	-0.4	2.4	9.3	-6.3	10.8	-28.3	888.9
1300	-400	-2.9	2.0	-0.3	4.4	15.0	-1.1	23.5	-25.7	881.4
1300	-375	-3.3	1.8	0.5	6.1	19.4	-0.2	30.0	-29.1	867.3
1300	-350	-2.5	2.1	2.4	7.8	23.7	0.9	35.6	-29.1	862.5
1300	-325	-3.0	2.3	1.8	7.4	23.3	0.2	32.2	-31.3	858.7
1300	-300	-2.5	2.7	1.8	5.9	19.5	-4.9	26.9	-35.0	866.4
1300	-275	-2.2	1.4	1.6	4.3	16.9	-7.5	19.7	-39.6	852.3
1300	-250	-2.9	1.5	1.0	3.4	14.4	-10.9	16.9	-41.5	840.9
1300	-225	-2.5	0.9	0.8	1.9	13.2	-12.6	10.9	-46.4	840.5
1300	-200	-2.8	1.2	0.3	1.6	12.5	-13.7	13.3	-45.4	839.9
1300	-175	-2.6	1.5	0.6	3.1	13.4	-11.7	16.7	-45.3	846.5
1300	-150	-2.4	1.1	0.2	1.4	12.9	-13.5	12.5	-48.6	857.2
1300	-125	-1.6	0.3	0.8	1.0	11.5	-16.1	10.7	-51.3	866.7
1300	-100	-3.1	0.7	0.0	1.0	11.3	-15.1	10.3	-51.0	865.5
1300	-75	-2.4	0.2	0.0	1.3	12.9	-11.6	15.2	-46.6	906.7
1400	-1825	-2.3	0.3	-3.1	1.1	-1.2	3.9	0.3	6.1	1026.1
1400	-1800	-2.4	-0.8	-2.4	0.3	-1.6	-0.1	-1.0	-1.1	895.4
1400	-1775	-3.8	-0.6	-4.4	-0.2	-3.3	-0.9	-2.2	-2.8	1161.3
1400	-1750	-3.5	0.0	-3.4	-0.6	-2.9	-2.3	-1.8	-5.9	1099.3
1400	-1725	-3.6	-0.3	-3.5	0.7	-2.0	2.7	0.3	4.0	976.5
1400	-1700	-2.4	0.1	-2.7	1.4	-0.7	4.6	2.1	7.7	1041.6
1400	-1675	-3.1	-0.4	-3.4	1.4	-1.6	5.2	1.8	8.5	968.2
1400	-1650	-3.2	0.3	-3.2	3.7	-0.1	13.9	5.0	26.0	965.4
1400	-1625	-3.5	0.1	-3.7	4.7	0.2	15.2	6.0	28.0	874.5
1400	-1600	-3.1	0.7	-2.9	1.7	-0.6	6.5	3.5	9.5	913.1
1400	-1575	-5.0	-0.8	-3.5	0.1	-1.9	-0.1	0.9	-2.5	1021.0
1400	-1550	-3.2	-0.7	-2.9	-0.1	-1.6	-1.6	0.4	-6.0	1007.3
1400	-1525	-2.4	-0.4	-2.2	-1.7	-2.3	-7.0	-2.2	-15.6	1041.3
1400	-1500	-3.7	-0.2	-3.5	-3.3	-4.1	-10.7	-5.7	-22.4	1097.4
1400	-1475	-4.8	-1.4	-5.6	-2.8	-5.9	-8.4	-6.6	-18.6	986.9
1400	-1450	-7.6	-2.5	-8.4	-3.5	-8.8	-9.3	-9.0	-18.9	876.3
1400	-1425	-8.2	-2.6	-10.0	-2.4	-9.6	-4.9	-7.5	-11.4	862.4
1400	-1400	-9.0	-4.0	-10.9	-2.4	-10.1	-4.4	-6.9	-10.1	875.9
1400	-1375	-8.3	-1.7	-9.2	-0.6	-6.8	1.0	-1.9	-1.5	901.6
1400	-1350	-4.4	-1.3	-4.6	-0.7	-3.0	-1.7	1.5	-5.7	914.9
1400	-1325	-1.3	1.2	0.4	0.1	2.4	-5.4	5.3	-14.4	966.6
1400	-1300	-0.1	2.7	2.6	1.1	6.6	-4.1	11.3	-14.4	1205.7
1400	-1275	-1.5	1.4	1.2	-1.1	2.7	-9.8	2.6	-25.1	915.6
1400	-1250	-2.5	-0.2	-1.2	-2.8	-0.4	-12.7	-2.6	-30.1	858.7
1400	-1225	-3.6	-0.8	-3.4	-3.2	-3.2	-13.2	-5.5	-30.7	919.3
1400	-1200	-3.4	-0.2	-3.3	-0.4	0.8	-6.1	6.0	-20.5	952.3
1400	-1175	-3.8	-1.0	-3.1	0.9	3.9	-2.4	10.7	-18.9	976.5
1400	-1150	-3.2	0.3	-2.9	0.3	4.4	-4.2	9.7	-21.3	998.6
1400	-1125	-3.0	-0.2	-2.3	1.4	6.2	-2.9	13.1	-20.2	985.6
1400	-1100	-3.5	-0.1	-2.1	1.9	7.0	-2.8	15.5	-17.4	939.0
1400	-1075	-3.8	0.1	-3.4	1.8	6.2	-1.6	11.7	-19.2	945.7
1400	-1050	-3.5	-0.6	-3.8	1.4	5.5	-3.2	11.4	-20.5	935.9
1400	-1025	-4.7	0.8	-3.1	3.5	10.1	1.5	18.9	-18.6	922.8
1400	-1000	-3.0	1.2	-1.1	5.5	14.6	3.5	25.3	-16.1	917.7
1400	-975	-2.6	0.8	-1.4	6.6	15.8	2.9	29.4	-13.5	935.1
1400	-950	-1.7	2.5	1.8	7.1	18.5	5.6	-5.4	-3.0	1002.0
1400	-925	-2.9	2.3	0.8	7.0	17.6	4.1	30.0	-15.8	1038.7

1400	-900	-2.2	2.3	2.1	7.3	18.5	3.8	30.9	-15.5	1051.4
1400	-875	-1.6	2.0	2.4	6.0	16.6	-0.5	28.1	-18.7	1069.8
1400	-850	-2.2	2.3	2.0	6.1	17.8	2.9	32.3	-14.3	1079.8
1400	-825	-2.6	1.7	1.6	5.6	15.5	0.7	27.4	-18.5	1077.3
1400	-800	-2.5	1.7	1.6	6.0	15.5	3.5	27.2	-14.1	1070.8
1400	-775	-2.3	1.2	0.5	4.0	11.4	-0.7	20.3	-18.2	1059.9
1400	-750	-2.6	1.0	0.3	3.6	10.4	-1.5	18.7	-19.5	1012.1
1400	-725	-2.3	1.3	-0.1	3.8	9.9	-0.4	20.8	-15.5	1005.2
1400	-700	-3.0	0.9	0.0	3.5	11.4	-0.7	21.9	-17.6	1005.7
1400	-675	-2.8	0.3	-0.1	3.5	11.2	-4.7	18.6	-27.4	1035.8
1400	-650	-2.3	1.1	0.5	3.8	14.0	-5.3	21.2	-29.6	1065.3
1400	-625	-1.5	1.9	1.9	5.5	18.0	-4.1	24.4	-32.2	1057.9
1400	-600	-2.1	2.7	2.0	5.8	18.1	-3.7	25.0	-33.2	1076.1
1400	-575	-2.5	2.1	0.7	3.8	13.0	-8.6	15.5	-36.7	1084.9
1400	-550	-3.6	0.5	-0.8	1.7	8.9	-10.7	9.8	-36.7	1126.0
1400	-525	-2.4	0.5	-0.6	1.9	8.2	-8.4	5.7	-34.1	1135.4
1400	-500	-3.0	0.9	-0.8	1.2	6.8	-8.1	8.5	-29.9	1174.8
1400	-475	-3.3	0.3	-1.7	1.2	6.3	-7.4	7.2	-30.4	1147.0
1400	-450	-3.3	1.1	-0.4	2.1	9.7	-7.2	12.8	-31.8	1111.4
1400	-425	-3.7	1.4	-0.2	4.3	14.5	-4.5	20.0	-33.1	1035.8
1400	-400	-2.6	2.0	1.4	6.4	20.7	-0.6	33.6	-29.4	983.5
1400	-375	-2.4	2.0	1.5	6.7	21.0	-4.2	31.6	-37.6	909.8
1400	-350	-2.8	2.3	1.6	6.8	22.2	-4.5	31.5	-42.3	864.3
1400	-325	-3.1	2.2	1.2	6.8	23.0	-3.5	30.6	-41.0	819.9
1400	-300	-2.5	1.6	1.6	5.0	18.3	-9.9	24.3	-45.7	798.5
1400	-275	-3.2	1.9	0.8	4.3	16.7	-10.7	15.5	-49.0	779.8
1400	-250	-2.9	0.9	0.5	1.0	12.9	-15.8	7.1	-54.6	783.4
1400	-225	-3.4	0.6	-0.6	-0.3	9.2	-19.3	0.8	-55.9	751.6
1400	-200	-2.9	0.4	-0.1	-1.6	8.1	-20.8	2.1	-56.5	752.6
1400	-175	-2.4	-0.4	-1.2	-2.5	3.8	-24.2	-8.1	-59.9	755.0
1400	-150	-2.1	-0.2	-0.7	-1.5	5.2	-23.3	-3.0	-58.7	736.6
1400	-125	-3.3	-0.6	-1.2	-1.4	6.0	-22.0	-4.9	-57.3	729.4
1400	-100	-2.5	0.6	-0.6	-1.3	6.6	-20.6	-0.3	-56.3	727.3
1400	-75	-2.9	-0.3	-0.9	1.5	9.8	-16.8	5.0	-54.1	725.5
1500	-1825	-3.1	0.0	-2.9	2.4	-0.5	7.8	2.7	14.0	1076.0
1500	-1800	-3.2	0.7	-3.0	3.3	-0.1	11.4	3.6	20.1	1172.2
1500	-1775	-2.2	0.3	-2.0	2.4	0.4	8.5	2.9	15.3	868.9
1500	-1750	-4.5	0.0	-4.7	1.1	-2.8	1.1	-2.4	-0.8	1000.3
1500	-1725	-3.4	0.1	-3.4	-0.5	-2.5	-2.1	-1.3	-6.1	972.0
1500	-1700	-3.2	-0.7	-3.7	-1.1	-4.5	-4.3	-6.3	-9.3	921.4
1500	-1675	-3.7	-0.7	-3.3	-1.6	-4.1	-7.1	-5.6	-17.7	912.2
1500	-1650	-3.8	-1.8	-3.8	-3.5	-5.0	-12.6	-10.0	-26.5	931.8
1500	-1625	-3.8	-0.9	-4.2	-2.9	-5.4	-8.5	-9.2	-18.2	953.5
1500	-1600	-3.2	-0.7	-4.2	-2.3	-4.0	-8.0	-4.5	-18.5	979.8
1500	-1575	-3.5	-0.7	-4.3	-2.5	-3.6	-9.5	-3.4	-19.8	1044.7
1500	-1550	-3.4	-2.0	-3.9	-2.7	-3.8	-10.1	-4.9	-22.7	1011.3
1500	-1525	-1.5	-1.0	-2.0	-3.6	-3.1	-9.4	-2.0	-21.1	989.5
1500	-1500	-2.6	-0.7	-2.8	-0.4	-1.3	-5.1	0.7	-12.4	1140.9
1500	-1475	-2.6	-0.1	-2.5	0.1	-0.3	-2.2	4.8	-4.7	1116.6
1500	-1450	-4.1	-0.1	-4.2	1.7	0.3	5.8	9.5	6.1	880.6
1500	-1425	-4.0	-0.5	-4.0	1.6	0.3	5.2	8.9	5.5	828.1
1500	-1400	-4.4	0.8	-4.2	2.8	1.1	8.5	13.5	10.9	905.4
1500	-1375	-5.1	0.1	-5.2	3.3	2.1	9.7	13.0	11.4	862.5
1500	-1350	-4.7	0.5	-3.7	0.8	0.9	-0.1	6.7	-7.0	841.6
1500	-1325	-2.1	0.6	-1.7	0.0	1.8	-3.9	5.9	-13.5	892.9
1500	-1300	-2.0	0.5	-0.5	0.9	3.2	-4.7	4.6	-16.8	979.2
1500	-1275	-1.6	0.7	-0.5	1.8	5.2	-1.0	10.6	-13.2	1009.0
1500	-1250	-2.7	0.9	-1.5	1.8	5.0	-1.6	11.4	-15.3	1085.6
1500	-1225	-3.5	0.7	-1.8	3.1	7.4	3.1	16.6	-8.0	1116.4
1500	-1200	-2.9	1.1	-1.2	4.3	8.6	6.4	22.4	-3.3	1016.4

1500	-1175	-3.2	0.8	-2.1	2.6	7.3	4.5	19.9	-5.7	945.7
1500	-1150	-2.9	-0.3	-3.0	1.8	5.2	1.5	13.7	-11.3	953.1
1500	-1125	-3.5	-0.6	-3.1	-0.1	2.6	-3.7	5.4	-20.2	1006.4
1500	-1100	-4.2	-0.7	-3.6	0.0	1.4	-5.5	4.1	-22.0	984.4
1500	-1075	-3.8	-0.3	-4.1	-2.0	-3.5	-12.6	-6.9	-31.3	925.4
1500	-1050	-3.6	-1.5	-3.8	-0.6	0.6	-9.8	-0.6	-30.9	895.6
1500	-1025	-3.4	0.3	-1.9	1.8	7.1	-7.9	6.5	-32.5	881.7
1500	-1000	-3.9	0.6	-1.2	2.6	10.8	-6.6	12.4	-32.5	877.3
1500	-975	-2.5	0.4	-0.9	3.3	12.3	-5.6	12.7	-30.1	883.2
1500	-950	-3.3	1.7	-0.1	4.4	13.6	-4.3	18.6	-28.6	884.7
1500	-925	-1.3	2.1	1.9	4.9	14.8	-3.3	23.7	-25.9	878.7
1500	-900	-3.0	2.4	1.6	5.2	15.9	-3.7	26.4	-26.6	889.7
1500	-875	-1.9	2.4	2.0	5.5	17.2	-1.4	24.5	-23.9	870.4
1500	-850	-1.9	2.3	2.4	5.1	14.7	-4.7	20.5	-28.4	878.2
1500	-825	-1.4	2.1	2.1	3.9	13.4	-6.3	18.5	-30.6	894.6
1500	-800	-1.5	1.7	0.9	2.4	9.3	-3.6	17.5	-21.5	887.7
1500	-775	-2.9	0.0	-0.8	0.3	3.2	-8.6	3.2	-27.0	911.7
1500	-750	-3.8	-0.3	-3.0	-0.5	-0.8	-9.1	-0.4	-26.4	911.5
1500	-725	-3.5	-0.7	-3.3	-1.1	-0.1	-8.7	0.0	-26.7	919.9
1500	-700	-3.6	-0.1	-3.5	-0.5	2.1	-8.3	3.8	-27.9	943.1
1500	-675	-2.4	1.2	-0.4	3.3	11.7	-4.5	18.1	-26.0	938.2
1500	-650	-2.7	2.5	1.8	5.0	17.5	-6.8	22.5	-37.5	953.9
1500	-625	-1.6	2.8	3.7	5.2	18.6	-9.3	19.4	-39.4	988.6
1500	-600	-1.1	2.3	3.5	5.1	18.8	-7.3	18.8	-39.5	1068.3
1500	-575	-2.2	2.1	2.0	3.3	13.7	-8.7	16.6	-39.0	1180.2
1500	-550	-2.2	1.7	0.3	1.5	10.1	-8.1	12.1	-33.8	1336.8
1500	-525	-3.5	0.6	-2.1	-0.6	3.0	-9.3	2.4	-32.6	1605.2
1500	-500	-2.4	0.3	-2.3	-0.1	3.1	-7.2	5.9	-30.2	1997.5
1500	-475	-2.9	0.6	-2.1	-0.2	4.2	-9.5	6.1	-34.7	2207.1
1500	-450	-2.8	0.4	-0.5	2.0	9.7	-8.2	13.6	-36.9	1964.4
1500	-425	-1.8	1.4	1.9	2.9	13.4	-12.1	18.1	-46.5	1521.1
1500	-400	-2.6	1.7	2.5	4.3	19.8	-10.9	23.5	-50.0	1162.9
1500	-375	-1.9	1.9	2.4	3.9	19.1	-12.8	20.6	-49.4	976.1
1500	-350	-2.1	1.8	2.1	3.7	17.7	-13.2	19.6	-52.4	863.4
1500	-325	-2.6	1.1	1.6	2.4	13.5	-16.6	14.5	-55.3	810.7
1500	-300	-3.7	1.0	0.8	2.5	15.8	-13.9	11.0	-50.1	764.4
1500	-275	-2.9	1.9	1.0	3.6	16.3	-11.8	18.8	-49.2	738.9
1500	-250	-2.6	0.9	0.5	2.7	15.8	-11.3	20.2	-49.3	726.8
1500	-225	-3.3	1.3	0.1	2.3	13.9	-13.3	20.2	-47.3	691.0
1500	-200	-2.8	0.8	-0.2	3.1	15.5	-10.1	16.0	-48.1	685.3
1500	-175	-2.7	1.2	0.0	2.5	14.5	-10.6	18.7	-46.2	693.0
1500	-150	-2.7	0.8	-0.5	1.0	11.1	-14.0	12.6	-46.8	693.0
1500	-125	-2.7	1.0	-0.1	1.5	12.1	-12.9	13.5	-48.1	682.8
1500	-100	-2.7	0.7	-0.6	1.9	12.5	-11.5	14.7	-47.0	662.0
1500	-75	-2.9	1.5	-0.2	4.1	16.2	-7.3	23.6	-42.0	673.5
1600	-1825	-4.4	0.3	-4.5	2.1	-1.5	8.7	1.9	13.5	1174.0
1600	-1800	-2.4	-0.4	-3.5	-1.0	-2.5	-3.4	-2.3	-9.7	1480.7
1600	-1775	-3.2	-1.3	-2.6	-3.6	-4.8	-13.0	-7.9	-26.6	1175.1
1600	-1750	-1.5	-1.9	-1.5	-4.0	-4.6	-16.0	-8.6	-30.3	1169.2
1600	-1725	-1.8	-1.2	-3.0	-4.8	-5.8	-17.2	-12.0	-32.8	1142.0
1600	-1700	-2.7	-1.6	-3.6	-4.9	-6.2	-18.2	-12.6	-34.2	1195.7
1600	-1675	-3.0	-1.8	-3.4	-2.7	-4.5	-8.8	-6.6	-18.8	1205.8
1600	-1650	-3.5	1.4	-2.8	6.0	3.5	23.8	17.6	48.2	1127.3
1600	-1625	-2.1	3.2	-2.2	13.2	9.4	50.0	33.1	97.8	973.4
1600	-1600	-2.0	2.8	-1.8	10.8	8.0	37.8	25.5	66.7	996.3
1600	-1575	-2.7	1.7	-3.0	5.7	5.0	21.1	19.8	39.5	1335.5
1600	-1550	-2.5	0.3	-2.3	2.9	2.2	10.2	11.2	14.1	1161.6
1600	-1525	-2.9	-0.3	-2.9	0.2	-0.7	-0.8	3.3	-4.6	1175.2
1600	-1500	-1.6	-0.5	-1.6	-2.7	-2.5	-11.7	-4.8	-25.1	1146.1
1600	-1475	-2.4	-0.8	-2.7	-4.4	-6.0	-16.5	-14.8	-33.8	1044.9

1600	-1450	-3.2	-0.4	-2.3	-1.3	-1.0	-5.7	0.5	-13.9	989.2
1600	-1425	-2.9	-0.5	-3.3	-0.5	-0.6	-5.2	0.9	-14.6	950.8
1600	-1400	-2.9	0.3	-2.5	0.5	1.2	-2.0	5.6	-12.1	961.8
1600	-1375	-2.9	0.2	-3.0	1.1	0.7	0.5	12.3	-6.4	948.9
1600	-1350	-3.1	0.3	-1.9	1.3	3.9	0.0	10.5	-9.9	953.9
1600	-1325	-2.8	-0.2	-0.7	1.5	6.4	-2.3	12.7	-14.7	944.2
1600	-1300	-2.7	1.0	-1.4	2.2	6.9	-1.2	15.0	-19.0	952.3
1600	-1275	-2.4	1.5	0.0	5.1	14.5	5.8	28.8	-12.0	914.0
1600	-1250	-1.4	2.7	1.0	7.7	19.3	12.3	43.4	-1.6	910.6
1600	-1225	-1.9	0.8	-1.5	2.8	7.5	2.9	20.7	-7.5	871.7
1600	-1200	-3.4	-2.2	-4.6	-6.0	-9.6	-13.8	-15.7	-24.4	890.4
1600	-1175	-3.5	-3.5	-6.8	-8.3	-15.1	-17.4	-21.1	-24.6	998.1
1600	-1150	-5.6	-4.4	-10.3	-9.8	-20.9	-17.3	-31.7	-24.4	1181.1
1600	-1125	-5.2	-7.1	-12.8	-12.3	-26.9	-18.1	-35.7	-24.5	1090.3
1600	-1100	-6.4	-7.2	-14.0	-13.7	-30.2	-20.7	-46.2	-26.7	884.6
1600	-1075	-5.8	-3.9	-10.0	-6.3	-12.9	-13.5	-18.3	-28.3	868.0
1600	-1050	-5.5	-2.0	-6.4	-0.4	2.6	-5.8	8.4	-24.1	875.9
1600	-1025	-4.7	0.7	-1.8	4.6	9.3	-2.5	16.5	-22.0	862.2
1600	-1000	-3.3	1.7	0.7	4.4	12.1	-5.3	16.8	-26.0	841.6
1600	-975	-2.6	2.2	2.7	6.0	13.5	-7.0	19.2	-29.7	863.0
1600	-950	-3.3	2.6	2.6	4.9	12.8	-7.3	14.5	-30.9	883.9
1600	-925	-1.8	3.3	3.6	4.9	15.0	-8.5	16.5	-31.8	915.7
1600	-900	-0.4	3.4	5.2	3.9	14.1	-10.3	13.5	-34.0	888.6
1600	-875	-0.7	3.3	4.7	2.5	13.6	-11.1	8.9	-35.3	845.8
1600	-850	0.2	3.0	4.3	1.7	10.9	-13.0	11.6	-36.3	875.9
1600	-825	-0.4	3.3	4.6	2.4	11.7	-9.7	11.6	-33.1	877.5
1600	-800	-1.0	2.2	2.6	1.9	11.5	-9.0	10.7	-31.8	895.6
1600	-775	-0.6	2.2	1.8	1.7	11.6	-6.8	15.0	-30.5	911.0
1600	-750	-2.1	1.3	-0.3	2.4	10.9	-6.2	17.0	-30.4	932.8
1600	-725	-2.5	0.6	-2.0	4.2	12.3	-4.9	20.7	-30.5	936.0
1600	-700	-2.3	0.9	0.3	3.4	15.3	-4.8	14.5	-35.2	941.3
1600	-675	-2.4	1.9	1.2	5.4	17.3	-5.2	23.3	-35.3	949.6
1600	-650	-1.2	3.0	2.9	6.0	20.5	-6.3	29.9	-36.9	978.8
1600	-625	-0.5	3.6	4.0	5.9	20.7	-6.7	21.0	-41.0	1010.4
1600	-600	-1.3	2.5	1.5	3.5	17.3	-9.4	19.8	-42.0	1088.1
1600	-575	-1.7	1.9	0.2	1.6	10.8	-9.2	11.7	-39.6	1166.8
1600	-550	-2.5	-0.5	-2.3	0.7	7.6	-6.1	10.1	-33.7	1317.4
1600	-525	-4.6	-2.3	-6.1	-2.3	0.5	-8.3	2.2	-32.4	1503.2
1600	-500	-4.5	-1.9	-5.7	-1.3	2.1	-8.8	11.5	-31.8	1696.9
1600	-475	-4.0	-1.0	-4.5	-1.5	3.2	-11.4	3.9	-40.2	1791.6
1600	-450	-3.2	0.6	-0.7	1.1	10.4	-12.6	11.1	-44.8	1605.5
1600	-425	-2.7	1.5	1.9	2.0	12.5	-16.2	7.6	-52.5	1371.2
1600	-400	-1.3	2.1	4.4	3.2	16.4	-17.0	12.9	-53.1	1160.4
1600	-375	-1.5	1.4	3.6	2.7	15.4	-18.2	9.3	-55.9	997.2
1600	-350	-1.3	1.9	3.3	1.7	13.5	-19.2	11.5	-55.0	907.8
1600	-325	-2.0	1.8	1.7	1.4	11.5	-18.3	-1.0	-55.5	853.2
1600	-300	-3.2	1.5	0.3	1.4	10.7	-17.8	6.4	-54.1	801.0
1600	-275	-2.5	0.8	1.1	1.8	12.5	-18.3	6.0	-55.9	759.2
1600	-250	-2.8	1.3	0.4	2.1	15.7	-13.9	16.3	-51.7	728.1
1600	-225	-3.4	1.1	0.8	2.9	18.1	-10.8	18.8	-50.3	709.3
1600	-200	-2.9	0.9	0.5	2.7	16.2	-11.9	13.8	-53.6	703.4
1600	-175	-2.6	0.8	0.0	1.8	16.5	-11.0	10.6	-51.4	682.5
1600	-150	-2.5	0.7	0.5	1.4	13.7	-15.9	11.4	-53.8	709.5
1600	-125	-3.0	-0.3	-1.0	-0.2	10.2	-19.0	0.9	-59.1	700.0
1600	-100	-2.9	0.2	-0.5	-0.7	7.5	-23.1	-2.6	-59.2	700.6
1600	-75	-3.5	0.4	-0.4	0.3	9.9	-18.5	-3.6	-58.3	708.7
1700	-1825	-3.7	-0.4	-3.5	0.3	-0.8	0.2	2.6	-3.9	1215.0
1700	-1800	-3.8	-1.3	-4.6	-1.5	-3.6	-5.8	-1.2	-13.6	1248.2
1700	-1775	-3.8	-0.5	-3.8	-0.1	-1.9	-2.4	1.2	-7.4	1116.1
1700	-1750	-3.6	0.5	-3.6	1.1	-0.2	3.0	5.7	1.6	1060.7

1700 -1725	-2.5	0.3	-1.9	3.2	2.6	11.5	13.6	18.9	1039.8
1700 -1700	-4.1	-0.2	-4.4	2.6	-0.2	7.2	8.0	10.0	937.3
1700 -1675	-3.9	-0.1	-3.6	1.2	-0.1	3.7	8.2	2.7	936.1
1700 -1650	-4.3	0.4	-3.7	1.3	0.8	4.4	10.1	2.2	873.7
1700 -1625	-3.7	0.5	-3.5	1.6	1.5	6.0	11.3	6.5	864.2
1700 -1600	-3.8	0.7	-3.7	1.0	0.7	2.6	8.7	-0.5	910.9
1700 -1575	-3.8	-0.2	-3.1	-0.6	-0.5	-3.7	6.0	-12.5	1128.8
1700 -1550	-0.2	0.0	-1.7	-0.7	-0.9	-6.5	3.0	-17.9	1178.8
1700 -1525	-3.6	0.6	-2.5	0.4	1.2	-0.6	7.4	-8.8	1249.9
1700 -1500	-3.2	-0.2	-2.8	-1.1	-1.1	-5.8	2.0	-14.4	1242.1
1700 -1475	-3.7	-0.6	-4.6	-2.1	-3.4	-8.8	2.2	-14.7	1136.9
1700 -1450	-4.4	-0.4	-2.9	-1.3	-1.0	-4.3	3.0	-14.0	977.3
1700 -1425	-1.8	-0.5	-1.9	-0.7	1.1	-2.6	6.1	-9.8	925.6
1700 -1400	-2.7	-0.2	-2.0	-0.8	-0.4	-6.2	2.4	-17.2	863.0
1700 -1375	-2.8	-0.2	-2.4	-1.1	0.4	-6.6	3.1	-20.0	870.4
1700 -1350	-1.7	1.1	-0.5	1.3	6.8	-4.4	11.6	-20.6	858.8
1700 -1325	-1.9	1.9	1.1	2.5	11.0	-3.7	17.2	-22.0	850.3
1700 -1300	0.4	4.0	4.2	6.1	18.9	1.3	32.1	-17.8	900.6
1700 -1275	1.9	5.2	7.2	10.3	28.8	9.3	51.5	-10.0	932.6
1700 -1250	2.8	4.1	7.0	9.4	28.1	14.7	43.4	-0.8	898.2
1700 -1225	-0.5	-0.8	-2.5	-3.9	-3.4	-4.0	-1.7	-9.3	874.7
1700 -1200	-4.5	-6.8	-15.1	-13.2	-29.9	-14.9	-34.2	-15.6	920.8
1700 -1175	-8.4	-10.3	-19.5	-16.5	-38.6	-18.3	-48.2	-19.7	1049.8
1700 -1150	-9.9	-10.8	-22.1	-17.4	-41.0	-20.7	-52.6	-21.3	1393.7
1700 -1125	-9.6	-11.6	-21.4	-16.8	-39.7	-20.6	-49.9	-22.7	1119.5
1700 -1100	-11.0	-10.6	-20.1	-12.4	-30.0	-18.2	-41.0	-28.9	809.7
1700 -1075	-7.2	-1.7	-7.4	-1.4	-4.7	-15.9	-9.8	-38.4	793.6
1700 -1050	-5.5	1.0	-0.2	3.7	12.2	-12.6	10.6	-39.7	821.7
1700 -1025	-0.5	5.7	6.1	5.5	17.3	-10.6	17.9	-38.6	842.5
1700 -1000	-0.1	3.9	6.1	3.4	17.6	-10.4	17.6	-38.0	856.9
1700 -975	2.9	5.4	9.2	2.4	13.2	-16.3	15.9	-40.2	858.3
1700 -950	1.1	4.4	7.4	1.9	13.6	-15.9	11.9	-42.9	849.3
1700 -925	1.9	4.3	7.9	1.6	13.9	-14.8	10.6	-42.2	861.9
1700 -900	1.3	5.0	6.5	2.2	14.4	-12.3	16.2	-38.4	839.7
1700 -875	2.1	4.0	6.4	1.8	14.3	-12.2	15.7	-37.9	834.6
1700 -850	2.6	3.5	6.7	1.7	13.8	-11.2	19.1	-32.8	828.3
1700 -825	0.8	3.0	4.5	1.9	12.8	-10.8	18.1	-34.3	850.2
1700 -800	0.4	1.7	3.6	2.0	12.8	-8.3	13.5	-36.1	880.9
1700 -775	-0.6	1.9	3.0	3.1	16.0	-6.3	24.5	-30.6	885.6
1700 -750	0.0	2.2	4.0	3.4	17.6	-6.3	22.4	-35.4	892.3
1700 -725	-0.9	1.8	2.9	3.7	16.8	-6.5	20.0	-38.6	890.2
1700 -700	-0.6	2.1	2.1	4.8	20.7	-6.0	31.3	-38.9	898.0
1700 -675	-1.2	2.8	3.4	6.2	21.8	-6.7	25.3	-44.4	917.3
1700 -650	-1.8	2.8	2.4	4.5	20.2	-11.2	17.9	-51.1	940.5
1700 -625	-1.6	1.6	3.1	4.6	18.8	-12.9	16.8	-50.4	981.2
1700 -600	-1.2	1.7	2.2	3.1	16.9	-12.9	12.6	-50.0	1014.0
1700 -575	-1.9	0.6	1.6	-0.3	9.5	-19.5	5.8	-52.1	1061.4
1700 -550	-2.6	-0.1	-0.3	-1.2	6.3	-18.6	-3.4	-51.1	1128.0
1700 -525	-2.5	-0.9	-1.2	-2.8	3.7	-21.0	-7.0	-52.8	1245.2
1700 -500	-2.0	-0.9	-2.4	-2.4	3.2	-22.7	-3.4	-54.3	1255.6
1700 -475	-2.4	-0.2	-1.4	-1.7	7.0	-20.8	-2.0	-57.2	1194.2
1700 -450	-2.2	0.5	0.1	-1.8	9.2	-22.0	-1.4	-59.5	1097.0
1700 -425	-1.7	0.9	1.6	1.8	14.1	-17.6	7.7	-55.3	1017.6
1700 -400	-2.2	1.8	2.7	3.7	15.7	-14.5	15.0	-51.4	972.4
1700 -375	-1.6	2.5	3.1	4.9	18.1	-11.3	17.0	-45.9	909.5
1700 -350	-2.0	2.6	2.8	4.3	17.9	-10.5	13.2	-46.6	874.2
1700 -325	-1.9	2.2	2.4	5.7	20.0	-5.9	26.9	-37.9	839.9
1700 -300	-2.1	1.9	1.6	6.3	20.2	-3.8	27.3	-38.2	810.4
1700 -275	-2.3	1.8	1.6	6.7	20.7	-4.6	26.4	-39.4	771.8
1700 -250	-2.3	2.2	1.4	7.0	21.8	-1.9	33.2	-36.5	747.9

1700	-225	-1.0	1.2	3.2	5.8	22.7	-4.3	32.2	-33.8	734.8
1700	-200	-2.7	0.8	0.7	3.3	16.6	-8.9	20.0	-44.2	716.0
1700	-175	-3.4	1.0	0.1	3.6	15.1	-9.1	11.8	-43.9	696.8
1700	-150	-2.1	1.0	0.4	3.1	13.4	-11.4	10.6	-45.4	691.0
1700	-125	-2.6	0.8	0.1	2.4	12.0	-10.7	5.3	-41.9	684.4
1700	-100	-2.8	0.2	-0.5	1.0	9.6	-16.4	-1.6	-49.4	697.5
1700	-75	-2.7	0.7	-0.2	3.3	12.2	-15.4	17.8	-42.5	689.7
1800	-1825	-1.7	-1.5	-1.7	-3.4	-1.6	-14.3	-1.9	-30.9	1091.1
1800	-1800	-3.8	-1.5	-3.8	-4.7	-4.7	-17.0	-8.5	-36.8	1106.9
1800	-1775	-3.0	-0.5	-2.9	-2.5	-2.1	-13.2	-0.1	-28.7	1115.1
1800	-1750	-3.7	-0.2	-3.2	-1.9	-0.8	-9.5	4.2	-25.0	1069.0
1800	-1725	-3.9	-0.2	-3.3	-0.6	1.0	-5.9	6.9	-22.0	1007.9
1800	-1700	-3.5	-0.1	-3.0	0.2	2.7	-2.5	13.1	-12.4	956.1
1800	-1675	-2.7	0.1	-2.3	2.1	4.3	2.3	17.6	-7.4	917.1
1800	-1650	-3.4	0.4	-3.1	3.0	5.1	6.9	20.8	1.3	907.3
1800	-1625	-4.0	0.0	-3.0	2.5	5.1	6.6	19.0	0.6	915.5
1800	-1600	-3.7	0.1	-3.1	1.6	3.3	0.1	14.0	-7.8	1045.1
1800	-1575	-2.5	-0.5	-2.0	0.4	3.2	-5.2	7.8	-19.8	1116.7
1800	-1550	-2.9	-0.1	-1.5	-0.3	2.9	-9.0	2.4	-30.7	1575.3
1800	-1525	-2.4	-0.4	-1.5	-0.5	2.8	-9.6	6.4	-27.2	1612.5
1800	-1500	-1.4	0.2	-0.1	0.3	6.1	-5.7	10.9	-22.8	1396.4
1800	-1475	-1.5	-1.8	-3.9	-5.0	-6.4	-11.8	-9.1	-26.4	1176.8
1800	-1450	-2.5	-1.4	-3.4	-4.9	-6.9	-11.0	-7.2	-23.5	918.5
1800	-1425	-2.6	-0.8	-2.8	-4.0	-5.6	-11.0	-4.9	-23.3	604.1
1800	-1400	-1.8	-1.0	-2.2	-4.1	-5.4	-13.0	-4.9	-23.9	839.5
1800	-1375	-0.4	-0.3	-0.3	-4.1	-3.4	-17.3	-7.7	-33.9	873.4
1800	-1350	3.2	1.8	5.5	-2.0	6.8	-15.2	3.8	-35.1	826.0
1800	-1325	-6.7	-6.5	-11.8	-4.3	-9.8	-5.2	-6.9	-19.7	821.6
1800	-1300	-17.7	-16.1	-35.3	-14.1	-38.2	-9.8	-38.6	-18.0	846.0
1800	-1275	-22.4	-20.3	-43.3	-16.1	-50.6	-8.1	-52.6	-12.5	911.8
1800	-1250	-27.6	-22.8	-48.2	-17.1	-56.6	-7.7	-58.2	-7.8	1426.3
1800	-1225	-25.9	-23.5	-48.0	-18.9	-60.1	-9.5	-64.9	-12.1	1639.5
1800	-1200	-24.3	-22.9	-46.1	-20.1	-58.4	-12.3	-63.3	-15.0	1176.9
1800	-1175	-24.9	-16.0	-34.5	-11.4	-43.2	-15.6	-52.4	-22.9	932.4
1800	-1150	-11.8	-2.0	-8.2	-5.6	-19.7	-24.3	-31.3	-36.2	1033.8
1800	-1125	0.8	5.3	9.8	-3.9	-0.5	-29.6	-13.7	-45.8	971.0
1800	-1100	3.9	6.5	10.3	-5.9	-1.4	-30.1	-16.2	-48.1	792.0
1800	-1075	4.7	7.8	11.6	-2.8	7.1	-24.8	-3.2	-45.7	727.1
1800	-1050	4.3	8.9	13.7	3.2	19.6	-16.6	16.9	-44.8	755.8
1800	-1025	4.7	8.3	12.9	6.1	27.2	-9.5	31.9	-40.0	752.6
1800	-1000	5.5	6.0	13.3	4.7	25.2	-9.5	29.2	-40.1	766.4
1800	-975	6.2	3.6	12.0	4.1	24.7	-8.7	30.2	-36.9	773.0
1800	-950	6.1	4.0	10.2	2.1	21.0	-11.8	22.7	-43.0	799.5
1800	-925	4.5	2.5	7.4	0.0	13.7	-19.0	12.3	-47.2	786.7
1800	-900	2.9	2.0	6.8	-1.0	9.1	-24.1	3.6	-51.5	783.9
1800	-875	2.8	1.3	6.1	-1.0	10.2	-22.5	0.0	-54.0	774.1
1800	-850	2.2	1.5	5.9	-0.8	12.5	-20.5	1.8	-56.6	773.7
1800	-825	2.3	1.9	4.7	-0.5	11.8	-20.7	2.1	-55.9	782.9
1800	-800	0.5	1.8	4.0	-0.3	11.8	-20.8	3.0	-58.7	793.9
1800	-775	0.1	1.6	2.7	0.0	10.8	-22.3	2.1	-59.8	827.6
1800	-750	0.3	1.1	2.9	-0.8	12.6	-22.1	6.2	-59.2	831.0
1800	-725	0.8	1.5	3.3	0.8	13.7	-22.8	4.1	-61.3	836.6
1800	-700	-0.2	1.1	3.6	-0.3	14.1	-23.1	1.7	-64.2	839.6
1800	-675	-1.5	1.0	2.2	1.6	15.4	-23.4	-0.2	-63.5	841.0
1800	-650	-0.7	2.1	4.1	1.3	16.5	-26.9	2.6	-67.9	855.1
1800	-625	0.2	2.4	4.1	3.4	20.4	-24.1	5.6	-71.1	892.1
1800	-600	-4.0	-0.3	-2.1	1.1	12.9	-17.1	0.9	-60.0	898.0
1800	-575	-8.9	-3.3	-10.1	-3.3	-6.3	-17.5	-10.6	-44.1	962.7
1800	-550	-11.5	-4.5	-14.2	-4.3	-10.0	-11.5	-13.0	-33.7	1033.9
1800	-525	-10.7	-4.1	-14.1	-3.4	-10.2	-8.0	-7.8	-25.4	1086.6

1800	-500	-9.9	-3.3	-12.2	-1.9	-7.8	-8.2	-6.2	-26.7	1031.3
1800	-475	-7.1	-1.6	-7.4	1.7	3.6	-1.5	13.9	-20.1	926.0
1800	-450	-2.8	2.4	1.2	5.1	18.6	-1.3	29.1	-29.7	879.0
1800	-425	0.5	4.5	6.0	9.1	28.3	-0.6	38.0	-32.1	843.1
1800	-400	0.3	3.8	6.1	8.6	27.8	-2.7	40.0	-34.1	816.4
1800	-375	-0.4	3.2	4.4	7.8	25.2	-3.5	33.0	-36.5	787.8
1800	-350	0.4	2.6	4.9	6.6	20.8	-9.2	27.4	-40.1	763.2
1800	-325	-1.3	2.8	2.8	6.3	22.5	-3.8	27.2	-38.1	751.7
1800	-300	-1.9	3.1	2.5	7.9	25.5	0.9	36.0	-31.9	725.6
1800	-275	-1.6	2.8	2.4	8.4	26.2	1.1	37.8	-32.8	717.3
1800	-250	-2.5	2.5	2.1	8.2	26.9	0.7	37.0	-37.6	705.1
1800	-225	-2.2	2.4	1.6	7.1	24.1	-4.5	29.7	-44.9	695.2
1800	-200	-2.6	2.3	1.6	5.5	23.2	-5.2	25.6	-45.1	674.1
1800	-175	-2.8	1.6	1.1	4.7	19.3	-11.2	18.5	-50.9	683.4
1800	-150	-2.8	1.2	0.8	2.6	14.9	-17.7	9.0	-55.7	666.9
1800	-125	-2.7	1.4	0.7	3.3	15.5	-18.0	9.4	-57.9	679.9
1800	-100	-2.6	1.4	0.7	2.7	16.0	-20.1	5.8	-65.3	677.0
1800	-75	-2.0	1.6	1.0	4.1	20.1	-18.8	10.2	-66.3	692.0
1900	-1825	-4.0	0.0	-3.1	-0.7	2.4	-8.8	5.8	-28.8	1084.1
1900	-1800	-4.0	0.5	-3.1	0.8	4.1	-3.5	12.8	-19.3	1083.4
1900	-1775	-4.4	0.3	-2.8	2.2	6.3	1.4	17.7	-10.8	1039.2
1900	-1750	-4.4	0.2	-3.7	2.4	4.1	1.2	21.7	-5.1	988.8
1900	-1725	-3.8	0.1	-2.9	3.7	7.2	7.5	22.4	0.9	923.4
1900	-1700	-3.7	0.3	-3.1	4.9	8.0	11.0	25.2	4.8	930.7
1900	-1675	-3.6	0.7	-2.9	3.9	7.6	7.9	22.6	1.7	942.1
1900	-1650	-3.8	0.3	-2.3	4.1	8.7	7.2	23.1	-2.1	979.9
1900	-1625	-3.2	0.6	-2.7	3.7	9.0	7.1	24.7	0.2	998.1
1900	-1600	-2.4	0.6	-1.4	1.9	7.1	0.2	16.2	-12.3	1049.6
1900	-1575	-2.2	0.1	-1.2	0.1	4.6	-7.4	7.5	-24.0	1137.6
1900	-1550	-2.9	0.9	-1.4	0.6	5.9	-6.8	10.6	-24.1	1346.1
1900	-1525	-2.4	-0.1	-0.9	-0.4	3.1	-10.1	4.0	-28.1	1423.8
1900	-1500	-3.9	-2.4	-5.9	-7.7	-14.2	-20.5	-22.3	-33.5	1319.2
1900	-1475	-4.7	-5.8	-10.4	-13.2	-26.4	-25.0	-36.3	-31.9	1055.6
1900	-1450	-5.4	-6.1	-12.4	-14.8	-32.0	-26.6	-44.3	-33.4	926.1
1900	-1425	-3.9	-7.1	-11.2	-15.1	-31.6	-27.9	-45.2	-33.2	498.0
1900	-1400	2.5	-5.1	-4.0	-15.8	-25.0	-31.6	-43.7	-39.6	-53.7
1900	-1375	-4.8	-4.7	-8.8	-10.3	-22.3	-24.5	-31.5	-34.7	1006.3
1900	-1350	-45.5	-7.6	-49.9	-6.5	-54.1	-6.6	-55.8	-14.1	896.8
1900	-1325	-52.7	-8.1	-54.3	-4.9	-54.3	-3.4	-56.1	-11.7	1022.2
1900	-1300	-52.0	-9.7	-56.9	-5.3	-57.0	-3.5	-58.0	-11.7	1081.0
1900	-1275	-52.7	-13.3	-58.7	-8.0	-62.4	-5.3	-63.5	-10.7	1477.5
1900	-1250	-52.4	-17.6	-61.6	-11.5	-69.2	-7.4	-71.1	-12.7	1762.8
1900	-1225	-46.8	-7.8	-41.8	-11.3	-47.5	-14.5	-57.2	-21.8	922.5
1900	-1200	1.3	3.2	3.7	-7.1	-8.7	-29.6	-27.0	-46.2	686.6
1900	-1175	2.7	2.2	4.7	-8.6	-7.6	-27.4	-20.9	-42.7	644.3
1900	-1150	6.3	2.1	3.6	-11.0	-12.5	-28.8	-21.8	-42.5	654.8
1900	-1125	7.1	1.1	5.2	-12.1	-10.9	-28.1	-21.0	-41.7	729.5
1900	-1100	6.0	0.3	3.7	-11.5	-10.9	-27.8	-19.2	-44.6	731.5
1900	-1075	6.9	1.8	6.0	-7.9	-2.5	-26.1	-7.4	-48.2	691.9
1900	-1050	6.7	3.2	8.9	-3.5	11.7	-24.9	1.5	-54.2	685.4
1900	-1025	7.3	3.9	12.7	1.9	24.0	-22.1	17.6	-61.9	691.4
1900	-1000	7.6	4.3	12.2	2.2	25.5	-20.7	19.4	-57.9	725.0
1900	-975	6.1	3.1	10.3	0.0	20.5	-23.2	14.1	-61.9	744.2
1900	-950	6.5	1.3	9.2	-0.6	17.2	-25.1	11.9	-58.7	731.2
1900	-925	4.7	1.4	7.9	-0.6	18.6	-20.6	11.7	-58.7	714.3
1900	-900	4.1	1.4	5.8	-1.8	11.3	-26.1	0.0	-56.5	715.5
1900	-875	3.4	0.6	5.0	-3.4	8.0	-27.9	-4.6	-60.9	711.6
1900	-850	2.2	0.3	3.7	-3.2	4.7	-30.1	-5.8	-58.9	727.9
1900	-825	1.0	0.5	3.1	-3.4	8.2	-26.7	-5.8	-63.0	778.7
1900	-800	0.8	0.7	3.2	-1.5	13.0	-22.0	-4.9	-61.3	790.6

1900	-775	0.0	0.9	2.4	-3.1	9.5	-27.1	-4.2	-63.7	785.4
1900	-750	-0.3	1.9	4.3	3.6	22.6	-17.7	21.1	-54.0	778.5
1900	-725	-1.9	2.5	3.7	5.0	25.2	-16.0	18.9	-55.0	791.9
1900	-700	-0.6	3.1	4.9	8.8	33.6	-8.2	31.0	-51.5	806.7
1900	-675	-1.9	3.3	4.2	9.4	36.3	-4.1	35.6	-50.7	824.7
1900	-650	-1.2	3.9	4.8	10.1	36.7	-0.4	40.2	-46.3	843.2
1900	-625	-2.1	1.6	2.0	7.3	23.8	-5.4	24.5	-41.1	848.3
1900	-575	-5.2	0.2	-2.7	3.9	11.8	-6.4	13.2	-34.1	968.3
1900	-550	-5.5	-1.3	-5.0	0.7	2.8	-10.6	3.3	-33.6	1015.6
1900	-525	-7.3	-1.8	-8.1	-0.3	-0.9	-12.2	-2.5	-34.3	974.4
1900	-500	-7.0	-1.2	-6.6	-0.5	4.1	-11.5	0.6	-22.1	887.1
1900	-475	-2.9	1.0	-0.4	3.3	17.4	-10.1	22.9	-45.9	818.2
1900	-450	-2.4	2.3	3.7	7.1	28.8	-10.3	30.3	-56.1	773.5
1900	-425	-0.1	2.9	6.1	5.5	29.1	-15.9	25.3	-62.6	748.1
1900	-400	0.8	2.9	6.1	5.1	26.6	-20.3	17.2	-69.3	729.2
1900	-375	0.3	1.5	5.0	2.3	19.4	-27.2	6.8	-71.8	722.7
1900	-350	0.1	1.0	3.7	0.8	14.5	-32.1	-4.5	-69.6	711.0
1900	-325	0.5	0.6	4.2	-1.7	9.6	-36.9	-16.4	-73.4	691.1
1900	-300	-0.8	0.0	1.9	-3.3	3.5	-40.2	-28.2	-77.2	686.7
1900	-275	-1.4	-0.1	1.0	-4.7	1.9	-40.9	-31.5	-78.3	681.7
1900	-250	-2.3	-0.5	0.4	-5.2	-1.5	-42.9	-41.0	-81.0	677.7
1900	-225	-2.3	-0.3	0.7	-4.4	0.6	-42.4	-38.8	-78.5	672.2
1900	-200	-2.9	-0.5	0.9	-2.5	5.6	-39.2	-34.4	-80.6	676.3
1900	-175	-2.6	-0.6	0.5	-3.4	6.6	-42.2	-30.7	-83.9	661.2
1900	-150	-2.6	0.3	1.1	-1.9	7.4	-43.8	-36.7	-82.6	663.6
1900	-125	-3.2	-0.7	0.4	-4.0	2.8	-47.1	-45.2	-85.1	707.9
1900	-100	-2.4	-1.0	-0.1	-6.5	-5.3	-52.8	-58.9	-86.0	648.7
1900	-75	-2.9	-1.0	-0.4	-6.6	-5.2	-51.6	-54.6	-78.8	667.0
2000	-1825	-3.4	0.5	-2.1	3.3	9.6	1.8	21.8	-14.7	1070.6
2000	-1800	-4.3	0.9	-2.1	5.2	12.2	9.1	30.5	-0.8	1072.7
2000	-1775	-4.1	1.7	-2.2	7.3	13.8	16.8	35.4	12.6	1050.9
2000	-1750	-3.7	1.9	-2.2	6.2	12.4	13.8	31.6	6.4	1062.8
2000	-1725	-3.9	1.0	-2.5	6.2	11.2	12.3	30.3	7.6	1064.3
2000	-1700	-4.0	1.6	-2.5	5.5	10.7	12.4	27.5	7.2	1066.5
2000	-1675	-2.9	1.3	-2.2	4.2	9.4	6.7	22.5	-3.3	1019.9
2000	-1650	-3.1	1.0	-1.8	4.0	9.0	5.5	22.2	-4.0	992.6
2000	-1625	-3.2	1.1	-1.9	3.5	8.8	2.6	18.9	-10.6	985.6
2000	-1600	-2.9	1.2	-1.3	3.7	9.9	3.0	20.1	-9.7	987.7
2000	-1575	-2.0	1.6	0.1	4.7	12.1	5.3	23.1	-5.8	1008.4
2000	-1550	-1.0	3.4	2.7	7.8	18.0	9.6	35.0	1.1	1078.8
2000	-1525	-2.8	1.5	-1.1	4.2	10.8	8.2	25.6	-0.1	1233.8
2000	-1500	-10.1	-9.3	-20.0	-9.0	-27.4	-6.9	-27.0	-11.3	1239.0
2000	-1475	-16.1	-12.1	-27.5	-12.6	-37.9	-9.5	-38.8	-10.4	1083.8
2000	-1450	-17.7	-12.9	-28.7	-14.1	-43.4	-13.6	-48.0	-15.1	793.2
2000	-1425	-13.7	-11.3	-23.8	-15.5	-42.6	-18.7	-50.4	-21.2	917.3
2000	-1400	-10.9	-10.1	-20.2	-16.0	-40.2	-19.8	-45.4	-20.8	873.6
2000	-1375	-11.1	-6.4	-17.2	-10.3	-28.1	-16.8	-31.1	-25.3	991.1
2000	-1350	-20.5	-4.3	-23.8	-4.1	-23.1	-9.5	-24.3	-24.1	1403.2
2000	-1325	-29.5	-5.5	-32.2	-5.4	-34.7	-11.1	-37.5	-23.8	1878.8
2000	-1300	-32.1	-6.5	-35.1	-5.9	-38.7	-11.5	-43.4	-23.4	2611.2
2000	-1275	-31.9	-7.3	-36.1	-7.7	-43.6	-14.5	-50.1	-24.7	5068.0
2000	-1250	-26.2	-6.4	-29.2	-8.8	-36.3	-17.5	-45.5	-28.6	7744.1
2000	-1225	-2.3	-2.5	-2.4	-9.3	-17.8	-30.5	-35.2	-44.7	2382.3
2000	-1200	17.6	-0.9	16.7	-13.5	-3.1	-41.0	-23.5	-55.6	334.0
2000	-1175	22.9	-1.0	20.9	-12.7	2.7	-38.1	-17.0	-59.0	221.7
2000	-1150	15.5	-1.5	11.9	-11.7	0.2	-31.6	-11.7	-52.1	311.7
2000	-1125	10.8	-1.9	7.1	-11.2	-4.3	-29.7	-17.0	-50.5	395.1
2000	-1100	8.8	-1.5	5.1	-10.1	-2.3	-27.5	-10.3	-48.6	467.6
2000	-1075	7.5	-1.0	5.0	-8.4	0.0	-29.9	-15.7	-58.3	466.9
2000	-1050	7.3	0.4	8.7	-5.4	6.8	-31.4	-5.9	-63.7	510.3

2000	-1025	8.0	1.7	10.4	-3.1	13.2	-32.3	-4.9	-68.7	537.3
2000	-1000	8.6	1.3	12.6	-1.1	17.7	-32.3	-2.5	-72.5	575.9
2000	-975	7.6	1.7	11.0	-3.3	14.2	-36.0	-11.5	-76.6	604.0
2000	-950	5.7	0.2	8.4	-4.0	8.9	-37.9	-17.4	-73.4	629.1
2000	-925	4.8	-0.5	7.4	-5.1	7.5	-34.9	-15.2	-67.0	645.3
2000	-900	2.8	-1.3	4.5	-4.7	5.7	-30.7	-13.4	-60.2	661.9
2000	-875	3.8	-0.2	3.7	-5.8	3.4	-30.0	-11.4	-58.6	660.9
2000	-850	0.8	0.0	2.6	-4.8	3.9	-29.1	-17.1	-63.3	680.3
2000	-825	1.3	0.2	2.9	-2.3	7.5	-27.1	-8.2	-64.8	683.0
2000	-800	-0.5	0.2	3.0	0.7	15.2	-21.4	1.0	-62.1	707.0
2000	-775	-0.5	0.6	4.0	1.0	17.7	-23.0	7.4	-66.5	724.9
2000	-750	0.0	1.2	3.3	2.7	20.2	-23.4	1.8	-65.4	720.8
2000	-725	-0.6	1.0	3.9	0.9	19.1	-26.9	0.6	-71.3	725.3
2000	-700	-0.4	1.8	3.7	1.2	16.6	-30.4	-5.6	-73.6	743.3
2000	-675	-2.1	1.3	2.9	1.2	16.0	-31.3	-3.8	-75.0	782.0
2000	-650	-1.3	1.6	3.3	2.0	17.9	-28.7	-5.9	-76.7	769.5
2000	-625	-1.2	0.3	3.0	0.2	13.5	-32.0	-7.3	-72.1	767.0
2000	-600	-1.2	0.3	2.0	-1.3	7.1	-34.7	-19.3	-74.3	786.4
2000	-575	-0.7	0.4	1.7	-2.6	6.0	-34.3	-15.8	-70.5	817.4
2000	-550	-2.4	-0.9	-0.2	-3.0	2.4	-34.4	-21.6	-69.9	829.3
2000	-525	-2.7	-1.5	0.0	-3.9	1.0	-35.6	-20.5	-70.5	820.2
2000	-500	-2.9	-1.3	-0.1	-3.6	4.0	-34.7	-24.3	-74.7	780.1
2000	-475	-3.2	-0.5	0.8	-3.3	3.4	-37.6	-26.6	-77.3	741.5
2000	-450	-2.0	-0.2	1.9	-2.8	2.6	-41.4	-32.9	-81.0	711.2
2000	-425	-0.7	0.5	2.4	-2.9	0.8	-42.0	-33.6	-77.7	686.3
2000	-400	-1.5	0.3	2.0	-5.1	-0.6	-43.0	-34.7	-71.7	687.3
2000	-375	-2.1	-0.2	2.2	-3.3	5.1	-39.8	-25.3	-78.2	671.2
2000	-350	-1.2	1.8	3.8	1.2	15.9	-30.6	-7.8	-75.9	658.8
2000	-325	-2.0	2.7	3.7	5.1	26.9	-23.9	11.3	-80.2	649.9
2000	-300	-1.3	3.0	4.1	8.0	36.7	-16.8	25.4	-79.0	658.7
2000	-275	-2.6	2.8	5.0	8.8	37.6	-18.6	27.0	-79.1	652.6
2000	-250	-3.3	3.1	4.3	8.8	37.3	-19.8	20.9	-85.9	642.6
2000	-225	-1.6	1.2	3.4	4.6	26.8	-29.6	-2.2	-87.9	641.8
2000	-200	-1.9	0.3	2.3	0.5	13.6	-39.7	-22.3	-82.0	645.1
2000	-175	-2.7	-0.4	1.4	-3.4	4.8	-44.2	-37.1	-77.8	650.0
2000	-150	-2.9	-1.4	0.2	-5.4	-4.2	-51.1	-53.6	-80.8	640.0
2000	-125	-2.5	-1.6	0.1	-6.7	-7.0	-52.8	-55.6	-80.1	646.2
2000	-100	-5.9	-1.0	4.3	6.4	-8.4	-50.8	-56.6	-71.3	632.8
2000	-75	-3.8	-1.2	-2.4	-9.8	-19.2	-53.2	-69.7	-80.0	633.6
2100	-1825	-0.9	1.9	0.9	4.9	14.4	7.6	32.4	-4.2	1008.0
2100	-1800	-3.7	1.7	-1.8	6.1	13.3	14.3	35.8	7.1	1005.4
2100	-1775	-3.3	1.6	-1.9	5.2	11.6	10.6	30.5	0.3	1005.8
2100	-1750	-3.0	0.5	-1.5	3.8	10.8	4.6	26.5	-9.3	992.7
2100	-1725	-4.2	0.3	-2.0	2.0	8.6	-2.1	19.8	-20.3	1003.2
2100	-1700	-2.6	1.1	-1.6	3.0	10.1	2.4	23.5	-13.7	1057.4
2100	-1675	-2.7	0.4	-1.9	2.9	9.4	0.9	20.3	-18.4	1014.0
2100	-1650	-2.9	1.1	-1.7	1.4	7.6	-6.0	15.0	-24.5	974.2
2100	-1625	-2.4	-0.1	-1.5	0.1	6.5	-9.9	8.1	-34.2	951.0
2100	-1600	-2.7	0.5	-0.5	-0.7	5.5	-15.1	5.2	-39.5	961.8
2100	-1575	-0.8	0.7	1.2	-1.3	8.1	-17.2	3.7	-45.1	975.5
2100	-1550	0.5	1.1	4.2	0.9	12.5	-16.8	10.7	-46.5	1021.0
2100	-1525	-3.2	-2.0	-4.3	-3.5	-1.8	-16.3	-6.0	-40.5	1115.8
2100	-1500	-10.9	-8.4	-17.3	-8.7	-21.5	-16.0	-26.4	-31.0	1211.0
2100	-1475	-15.0	-10.5	-24.0	-9.9	-30.4	-11.6	-30.7	-19.6	1310.5
2100	-1450	-17.2	-10.1	-26.6	-10.1	-32.9	-9.4	-33.8	-17.0	1239.0
2100	-1425	-15.8	-9.7	-24.9	-10.2	-31.6	-8.2	-28.8	-11.7	1021.3
2100	-1400	-13.1	-9.6	-22.5	-10.2	-28.7	-8.0	-24.9	-11.6	1048.4
2100	-1375	-10.0	-6.3	-17.2	-7.0	-17.8	-3.2	-11.3	-11.6	1175.6
2100	-1350	-9.7	-6.9	-17.9	-9.7	-23.6	-10.9	-22.9	-20.1	1384.4
2100	-1325	-12.1	-8.7	-45.6	-10.7	-33.5	-17.0	-44.6	-27.8	2122.0

2100	-1300	-14.4	-8.6	-46.6	-13.8	-45.7	-19.8	-47.4	-22.2	3988.5
2100	-1275	-16.6	-8.5	-27.4	-15.0	-42.7	-21.4	-54.8	-26.8	5500.1
2100	-1250	-7.4	-3.9	-9.5	-12.8	-29.6	-28.5	-46.5	-35.2	4992.6
2100	-1225	6.2	-0.8	9.2	-12.3	-17.4	-38.9	-44.0	-49.5	1617.9
2100	-1200	16.0	-0.2	14.5	-16.1	-9.5	-39.1	-29.6	-47.7	-218.5
2100	-1175	19.4	-0.8	18.8	-13.0	0.8	-34.8	-15.8	-51.7	-501.5
2100	-1150	12.8	0.3	13.1	-6.9	4.7	-30.4	-6.3	-50.9	-330.1
2100	-1125	8.9	0.1	8.8	-3.7	9.8	-22.0	2.6	-47.3	-125.2
2100	-1100	6.5	-0.3	6.1	-3.9	9.3	-18.8	6.1	-42.4	20.9
2100	-1075	4.9	-0.6	6.0	-1.1	12.7	-14.2	12.8	-40.2	155.8
2100	-1050	6.1	0.6	7.1	0.0	16.8	-13.5	15.2	-44.1	256.4
2100	-1025	5.7	1.2	8.2	0.4	19.3	-15.8	18.9	-46.6	335.1
2100	-1000	5.4	2.4	9.8	1.8	18.4	-19.9	13.2	-53.2	395.2
2100	-975	4.6	1.8	9.4	2.7	20.6	-18.5	14.6	-53.1	466.9
2100	-950	4.5	1.0	8.9	1.6	21.6	-17.6	11.7	-52.2	514.6
2100	-925	4.3	1.8	7.5	1.0	15.8	-19.8	6.3	-52.0	554.4
2100	-900	2.5	0.3	4.9	-1.9	8.6	-20.9	5.7	-47.1	594.2
2100	-875	1.6	0.1	2.3	-1.5	7.2	-16.1	3.4	-44.3	633.8
2100	-850	0.8	0.8	1.7	0.2	10.8	-9.2	14.1	-38.0	663.6
2100	-825	0.0	-0.1	1.8	1.4	11.1	-10.0	12.6	-39.1	675.3
2100	-800	-0.4	0.8	1.9	2.6	15.8	-9.2	22.0	-37.3	658.7
2100	-775	-1.4	1.7	2.9	4.2	20.8	-10.5	19.6	-45.9	661.3
2100	-750	-0.4	2.2	5.0	6.2	24.4	-12.1	19.8	-49.4	666.6
2100	-725	-1.4	2.7	4.1	6.6	22.9	-16.0	17.0	-54.5	672.3
2100	-700	-0.8	2.4	4.6	6.0	25.6	-14.9	17.6	-56.1	710.3
2100	-675	-2.1	2.2	3.6	6.1	23.5	-17.3	15.1	-53.8	739.1
2100	-650	-2.6	1.9	3.2	4.4	20.3	-17.4	14.5	-55.8	736.9
2100	-625	-3.1	1.0	2.7	3.8	17.5	-17.4	8.8	-54.9	743.4
2100	-600	-2.5	1.4	1.6	1.0	11.9	-20.8	6.2	-50.5	780.0
2100	-575	-2.8	0.6	1.1	3.1	14.1	-14.3	9.3	-48.4	774.5
2100	-550	-2.8	1.1	0.4	3.6	16.5	-8.7	18.9	-42.2	731.2
2100	-525	-3.3	0.9	0.2	3.1	14.2	-11.5	13.6	-47.7	718.4
2100	-500	-2.7	2.6	1.8	5.7	21.5	-8.7	26.3	-49.1	689.0
2100	-475	-3.0	2.1	2.5	6.3	25.0	-9.0	26.3	-53.9	680.2
2100	-450	-3.1	3.6	3.7	8.7	28.2	-6.7	29.5	-52.1	663.8
2100	-425	-1.1	2.7	4.3	5.0	21.3	-17.0	15.8	-58.8	656.1
2100	-400	-1.7	1.8	3.3	-0.1	11.8	-27.1	-4.2	-65.6	662.3
2100	-375	-1.1	1.6	2.4	1.7	12.6	-25.9	-2.9	-63.5	660.4
2100	-350	-2.0	1.9	2.7	0.8	14.2	-25.3	-0.4	-62.4	676.8
2100	-325	-3.1	0.7	2.1	1.7	17.1	-23.6	1.1	-65.4	669.6
2100	-300	-1.4	1.9	3.6	4.0	22.7	-19.7	13.0	-67.5	656.9
2100	-275	-2.0	2.5	3.8	7.7	33.1	-12.9	28.1	-66.9	670.6
2100	-250	-2.4	2.9	4.4	11.3	40.8	-8.2	38.8	-64.4	639.1
2100	-225	-2.1	3.7	4.1	9.5	35.2	-16.5	23.8	-76.9	650.2
2100	-200	-2.5	3.0	3.5	5.7	27.7	-25.2	7.6	-77.6	656.5
2100	-175	-3.2	1.0	2.1	1.3	13.8	-36.4	-21.5	-82.2	645.1
2100	-150	-3.8	0.0	-0.1	-3.9	-3.2	-46.3	-46.2	-77.9	654.4
2100	-125	-3.8	-1.5	-1.3	-7.8	-11.6	-50.7	-63.5	-76.3	649.9
2100	-100	-2.9	-1.0	-1.1	-8.0	-11.2	-50.9	-61.7	-74.8	648.0
2100	-75	-3.7	-1.4	-1.1	-7.1	-9.1	-51.7	-63.4	-81.1	649.7
2200	-1825	-3.7	1.9	-2.0	4.5	13.4	5.9	34.4	-9.9	1028.2
2200	-1800	-3.9	1.4	-2.0	5.4	14.2	8.1	33.4	-9.3	1047.4
2200	-1775	-3.6	0.7	-1.8	4.7	12.9	4.6	28.4	-13.4	1012.7
2200	-1750	-3.8	0.9	-2.1	2.4	9.2	-2.5	17.3	-24.7	973.7
2200	-1725	-3.2	0.4	-2.0	0.4	6.9	-9.7	9.3	-34.2	961.2
2200	-1700	-2.6	0.8	-1.6	1.3	8.0	-7.3	13.0	-31.6	913.7
2200	-1675	-2.9	-0.2	-0.8	2.6	11.1	-3.2	20.6	-24.8	961.8
2200	-1650	-3.2	0.1	-1.0	1.9	9.9	-7.2	15.3	-31.5	993.9
2200	-1625	-3.6	1.4	-0.5	3.9	14.6	-0.8	24.5	-27.1	995.8
2200	-1600	-2.0	2.0	1.2	6.9	20.2	4.3	34.0	-21.7	1015.7

2200	-1575	-1.9	3.2	2.9	8.4	24.5	4.2	40.4	-24.4	1052.5
2200	-1550	-0.2	3.4	5.3	8.4	26.4	-1.1	36.9	-32.7	1078.9
2200	-1525	-2.4	0.0	-2.0	-0.4	7.1	-8.4	11.3	-32.4	1091.0
2200	-1500	-11.2	-8.9	-19.8	-10.1	-26.3	-13.7	-31.5	-23.7	1143.6
2200	-1475	-16.2	-11.3	-26.9	-10.7	-32.1	-8.9	-34.1	-14.5	1205.8
2200	-1450	-16.8	-12.7	-28.7	-10.2	-34.0	-8.3	-33.7	-13.9	1159.7
2200	-1425	-16.2	-11.5	-26.0	-9.2	-29.1	-4.8	-25.0	-8.7	1178.4
2200	-1400	-13.2	-9.0	-21.0	-8.3	-25.6	-8.2	-23.3	-14.9	1348.5
2200	-1375	-9.4	-3.7	-12.0	-3.3	-12.5	-9.8	-11.6	-23.5	1801.5
2200	-1350	-9.1	-3.3	-12.6	-5.4	-14.7	-12.0	-16.4	-24.6	2833.5
2200	-1325	-12.4	-7.5	-18.6	-10.2	-28.3	-16.6	-33.0	-24.8	5291.7
2200	-1300	-15.3	-9.8	-25.6	-13.8	-37.5	-15.2	-46.5	-21.5	12285.9
2200	-1275	-14.0	-9.8	-26.0	-16.1	-45.1	-16.3	-45.5	-19.2	20309.2
2200	-1250	-3.7	-7.1	-14.0	-15.2	-28.7	-17.3	-37.6	-22.4	14164.7
2200	-1225	10.5	-6.4	0.0	-16.2	-17.1	-21.6	-24.6	-27.3	3959.8
2200	-1200	20.9	-5.4	10.7	-18.1	-9.9	-26.1	-20.0	-33.8	304.8
2200	-1175	14.8	-2.5	10.9	-11.5	-2.1	-22.2	-10.2	-32.6	-578.3
2200	-1150	8.6	1.1	10.6	-3.7	7.2	-18.8	-1.8	-35.3	-732.5
2200	-1125	7.0	1.5	9.8	-0.6	10.5	-16.6	2.9	-34.6	-636.9
2200	-1100	6.2	1.4	8.6	1.1	11.9	-16.0	10.0	-35.8	-457.6
2200	-1075	4.4	2.1	8.6	3.2	17.6	-12.1	15.7	-37.8	-267.4
2200	-1050	4.6	2.1	8.4	5.5	20.3	-10.3	17.3	-39.5	-88.7
2200	-1025	2.7	1.7	7.0	2.8	17.6	-12.5	14.6	-41.2	81.5
2200	-1000	2.8	2.4	7.1	4.0	17.9	-11.5	16.1	-39.5	202.5
2200	-975	2.3	2.0	6.2	3.9	17.6	-10.3	20.0	-35.0	281.7
2200	-950	2.2	1.9	5.2	3.9	17.6	-7.9	17.0	-34.5	370.4
2200	-925	1.3	1.3	4.7	2.9	16.6	-6.7	16.6	-33.1	455.8
2200	-900	0.3	0.9	3.0	1.8	13.6	-7.0	13.6	-33.7	494.0
2200	-875	0.3	0.9	1.4	1.0	10.8	-7.7	16.5	-30.3	550.8
2200	-850	-0.6	-0.3	0.9	0.5	10.4	-7.7	10.6	-34.5	588.7
2200	-825	-0.4	0.6	1.2	0.1	9.4	-11.5	7.8	-37.7	606.3
2200	-800	-1.0	0.4	1.1	1.9	12.1	-12.6	10.8	-39.2	595.5
2200	-775	-1.7	1.4	2.3	3.3	16.1	-12.6	7.6	-44.9	628.7
2200	-750	-1.7	1.7	3.4	3.7	15.5	-16.9	3.5	-50.9	644.4
2200	-725	-0.8	2.1	5.1	5.5	19.3	-15.3	13.7	-48.0	661.1
2200	-700	-1.3	2.4	4.3	6.0	20.7	-13.6	15.6	-49.0	699.9
2200	-675	-1.5	3.3	4.2	7.7	24.3	-7.9	26.8	-41.6	718.3
2200	-650	-1.7	2.8	4.0	8.1	23.4	-8.4	23.7	-41.3	744.4
2200	-625	-2.4	2.0	3.1	6.3	20.8	-9.4	22.8	-41.3	786.2
2200	-600	-2.9	2.3	2.2	6.9	21.2	-5.2	25.9	-35.2	878.5
2200	-575	-2.3	2.5	1.5	6.3	20.3	-2.5	32.5	-28.5	931.0
2200	-550	-2.4	2.5	0.8	6.1	8.7	2.6	29.1	-32.4	814.1
2200	-525	-2.3	2.0	1.5	6.1	20.3	-1.1	31.7	-31.6	682.8
2200	-500	-1.8	1.9	2.7	6.4	22.0	-3.7	32.3	-36.2	609.9
2200	-475	-3.0	2.3	1.6	5.1	20.1	-7.5	24.1	-43.9	603.8
2200	-450	-2.2	2.0	3.0	6.3	22.1	-8.2	24.9	-46.7	605.1
2200	-425	-2.1	2.7	3.5	5.3	23.6	-7.9	28.7	-46.7	617.4
2200	-400	-2.3	2.0	2.9	4.0	18.2	-17.3	12.1	-59.0	620.1
2200	-375	-2.1	1.5	3.2	5.0	21.8	-13.4	21.0	-54.0	619.6
2200	-350	-1.9	2.3	2.2	2.7	17.4	-19.1	11.2	-58.9	638.0
2200	-325	-2.3	0.7	2.0	1.4	13.1	-23.7	5.4	-60.7	635.5
2200	-300	-2.4	0.4	1.6	-1.4	8.5	-30.7	-4.9	-48.5	622.8
2200	-275	-3.1	0.0	1.5	-0.8	8.7	-31.2	-14.5	-73.6	625.6
2200	-250	-3.1	1.8	3.0	5.1	25.6	-18.7	15.4	-70.1	630.0
2200	-225	-2.8	1.7	3.9	7.4	29.8	-20.6	13.9	-79.6	628.5
2200	-200	-2.5	2.7	3.6	6.0	29.2	-25.2	9.9	-85.7	641.8
2200	-175	-3.2	1.2	3.2	4.2	24.4	-33.3	-6.4	-89.2	639.0
2200	-150	-3.4	0.9	3.0	3.2	21.3	-34.4	-12.5	-87.1	625.4
2200	-125	-2.9	-0.4	1.7	-1.7	5.4	-44.4	-33.6	-82.1	645.1
2200	-100	-3.2	-0.9	0.1	-6.7	-7.2	-50.6	-62.2	-76.8	629.1

2200 -75 -3.3 -1.9 -1.0 -10.0 -16.4 -55.2 -70.4 -73.9 637.2



32E05NW0001 2.14511 NOSEWORTHY

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Section
Mining Lands Branch
159 Cedar Street, 4th Floor
Sudbury, Ontario
P3E 6A5

ONTARIO GEOLOGICAL SURVEY
GIS - ASSESSMENT FILES

JUL 28 1992

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Telephone: (705) 670-7264
Fax: (705) 670-7262

Our File: 2.14511
Transaction #: W9280.00029
W9280.00030

June 2, 1992

Mining Recorder
Ministry of Northern Development
and Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: APPROVAL OF ASSESSMENT WORK ON MINING CLAIMS L 78921 ET AL. IN
HOBLITZELL AND NOSEWORTHY TOWNSHIP.

The Assessment Credits for Geophysics, section 14 of the Mining Act
Regulations, have been approved as of May 29, 1992.

The Assessment Credits for Report of Work W9280.00029 are as listed on
the original submission. The Credits for W9280.00030 are as listed on
the attached Assessment Credit form.

Please indicate this approval on the claim record sheets.

If you have any questions please call Clive Stephenson at
(705) 670-7251.

Yours sincerely,

Ron C. Gashinski
Senior Manager, Mining Lands Branch
Mines and Minerals Division

CDS/jl
CDS/jl

Enclosures:

cc: Assessment Files Office
Toronto, Ontario

Resident Geologist
Kirkland Lake, Ontario

ASSESSMENT FILES OFFICE

FILE NUMBER: 2.14511
DATE: June 2, 1992
TRANSACTION NUMBER: W9280.00030

RECORDED HOLDER: Cogema Canada Ltd
CLIENT NUMBER: 119438
TOWNSHIP: Hoblitzell and Noseworthy

page 1 of 2

CLAIM NUMBER	VALUE OF ASSESSMENT WORK DONE ON THIS CLAIM	RESERVE: work to be claimed at a future date.
L 789302	\$ 517.00	\$ 517.00
L 789303	\$ 517.00	\$ 517.00
L 789304	\$ 517.00	\$ 517.00
L 789305	\$ 517.00	\$ 517.00
L 789309	\$ 507.00	\$ 507.00
L 789310	\$ 507.00	\$ 507.00
L 789311	\$ 507.00	\$ 507.00
L 789312	\$ 507.00	\$ 507.00
L 789313	\$ 517.00	\$ 517.00
L 789314	\$ 517.00	\$ 517.00
L 789315	\$ 517.00	\$ 517.00
L 789316	\$ 517.00	\$ 517.00
L 789317	\$ 517.00	\$ 517.00
L 789318	\$ 517.00	\$ 517.00
L 789319	\$ 517.00	\$ 517.00
L 789320	\$ 517.00	\$ 517.00
L 789321	\$ 517.00	\$ 517.00
L 789322	\$ 517.00	\$ 517.00
L 789323	\$ 517.00	\$ 517.00
L 789324	\$ 517.00	\$ 517.00
L 789325	\$ 517.00	\$ 517.00
L 789326	\$ 517.00	\$ 517.00
L 789327	\$ 517.00	\$ 517.00
L 789328	\$ 517.00	\$ 517.00
L 789329	\$ 517.00	\$ 517.00
L 789330	\$ 517.00	\$ 517.00
L 789331	\$ 517.00	\$ 517.00
L 789332	\$ 517.00	\$ 517.00
L 789333	\$ 517.00	\$ 517.00
L 789334	\$ 517.00	\$ 517.00
L 789335	\$ 517.00	\$ 517.00
L 789336	\$ 517.00	\$ 517.00
L 789337	\$ 517.00	\$ 517.00
L 789350	\$ 517.00	\$ 517.00
L 789351	\$ 517.00	\$ 517.00

CLAIM NUMBER	VALUE OF ASSESSMENT WORK DONE ON THIS CLAIM	RESERVE: work to be claimed at a future date.
L 789352	\$ 517.00	\$ 517.00
L 789353	\$ 517.00	\$ 517.00
L 789354	\$ 517.00	\$ 517.00
L 789355	\$ 550.00	\$ 550.00
L 789356	\$ 550.00	\$ 550.00
L 789357	\$ 550.00	\$ 550.00
L 789358	\$ 550.00	\$ 550.00
L 789359	\$ 550.00	\$ 550.00
L 789372	\$ 687.00	\$ 687.00
L 789373	\$ 687.00	\$ 687.00
L 789374	\$ 687.00	\$ 687.00
L 789375	\$ 687.00	\$ 687.00
L 789376	\$ 687.00	\$ 687.00
L 789377	\$ 687.00	\$ 687.00
L 789378	\$ 687.00	\$ 687.00
L 789379	\$ 687.00	\$ 687.00
L 789380	\$ 687.00	\$ 687.00
L 789381	\$ 687.00	\$ 687.00
L 789394	\$ 687.00	\$ 687.00
L 789395	\$ 687.00	\$ 687.00
L 789396	\$ 687.00	\$ 687.00
L 789397	\$ 687.00	\$ 687.00
L 789398	\$ 687.00	\$ 687.00
L 789399	\$ 687.00	\$ 687.00
L 789400	\$ 687.00	\$ 687.00
L 789401	\$ 687.00	\$ 687.00
L 789402	\$ 687.00	\$ 687.00
L 789403	\$ 687.00	\$ 690.00
TOTALS	\$ 36,099.00	\$ 36,099.00

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) LOGEMA CANADA LTD		Client No. 119 438
Address 817-825 45th St west SASKATOON SK S7K 3X5		Telephone No. (306) 244-2554
Mining Division LARDER LAKE	Township/Area HOBELITZELL & NOSEWORTHY	M or G Plan No.
Dates Work Performed From: JAN 5 1989		To: FEB 10 1989

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	line cutting, ground geophysics (MAG, HLEM)
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

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MAR 26 1992
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 18 175

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
authors J. LEARN R. KOCH	LOGEMA CANADA LTD " " " ROUYN-NORANDA SASKATOON
line cutting MEEGWICH INC	2363 ch. des coteaux, ROUYN-NORANDA, QC J9X 5C8
geophysics VAL D'OR GEOPHYSIQUE	50, boul. LAMAQUE VAL D'OR, QC J9P 2H6

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date 16/01/92	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	-------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying JOHN LEARN - 200-137 Perreault est, ROUYN-NORANDA QC, J9X 3C3		
Telephone No. (819) 797-0471	Date 16 January 1992	Certified By (Signature) <i>[Signature]</i>

For Office Use Only

Total Value Cr. Recorded \$18,175.00 <i>Banded.</i>	Date Recorded Jan 16, 1992	Mining Recorder <i>[Signature]</i>	Received Stamp LARDER LAKE MINING DIVISION 22 JUN 16 PM 3 92
	Deemed Approval Date April 15, 1992	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	L 789 211	1
	789 212	1
	789 213	1
	789 222	1
	789 223	1
	789 224	1
2	789 225	1
	789 226	1
	789 227	1
	789 236	1
	789 237	1
	789 238	1
	789 239	1
	789 240	1
	789 241	1
	789 250	1
	789 251	1
Pg 1 of 3		
Total Number of Claims		

Value of Assessment Work Done on this Claim	Value Applied to this Claim
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
466	
Total Value Work Done	
Total Value Work Applied	

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
	466
Total Assigned From	
Total Reserve	

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. Credits are to be cut back starting with the claim listed last, working backwards.
2. Credits are to be cut back equally over all claims contained in this report of work.
3. Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

as been performed on patented or leased land, please complete the following:

	Date
	Signature
Recorded holder had a beneficial interest in the patented (the time the work was performed).	

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type line cutting 79.3km @ 220/km	17 446	
	MAG 80.5km @ 80/km	6 440	
	HLEM 80.5km @ 140/km	11 265	35 151
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			35 151

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation		1200	1200
Sub Total of Indirect Costs Total partiel des coûts indirects			1200
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			1200
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)		Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	36 351

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
36 351	x 0.50 = 18 175

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	x 0,50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as district geologist I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature John J. [Signature] Date 16/01/92

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

DOCUMENT No.

9280-00030

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

2.14811

Recorded Holder(s) COGEMA CANADA LTD		Client No. 119438
Address 817-825 45 th St West SASKATOON, SK S7K 3X5		Telephone No. (306) 244-2554
Mining Division LARDER LAKE	Township/Area HOBLITZELL & NOSE WORTHY	M or G Plan No.
Dates Work Performed From: Jan 3 1990		To: Feb 1 1990

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	linecutting and ground geophysics (MAG, HLEM)
Physical Work, including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

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MAR 26 1992

MINING LANDS BRANCH

Rounded up to 48138

Total Assessment Work Claimed on the Attached Statement of Costs \$ 48 130.¹⁵

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
GERARD HOULE enr.	73 PRINCIPALE No.2 ROUYN-NORANDA Qc
ROBERT E. GILICK AND ASSOC. LTD	P O Box 421, NORTH BAY, ONT P1B 8H5
report compiled by:	RODNEY KOCH (COGEMA CANADA LTD, SASKATOON)
	JOHN LEARN (COGEMA CANADA LTD, ROUYN-NORANDA)

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date 16/01/92	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying JOHN LEARN, 200-137 rue Perreault est, Rouyn-Noranda, Qc J9X 3C3		
Telephone No. (819) 797-0471	Date 16 January 1992	Certified By (Signature) <i>[Signature]</i>

For Office Use Only

Total Value Cr. Recorded \$48138 Banked	Date Recorded Jan 15, 1992	Mining Recorder <i>[Signature]</i>	Received Stamp JAN 16 PM 3 12
	Deemed Approval Date April 15, 1992	Date Approved	RECEIVED
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	789 302	1
	789 303	1
	787 304	1
	789 305	1
	789 309	1
02	789 310	1
	789 311	1
	789 312	1
	787 313	1
	789 314	1
	789 315	1
	789 316	1
	789 317	1
	789 318	1
	789 319	1
	789 320	1
	789 321	1
pg 1 of 4 Total Number of Claims		

Value of Assessment Work Done on this Claim	Value Applied to this Claim
708	
708	
708	
708	
698.25	
698.25	
698.25	
698.25	
708	
708	
708	
708	
708	
708	
708	
708	
708	
Total Value Work Done	Total Value Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	708
	708
	708
	708
	698.25
	698.25
	698.25
	698.25
	708
	708
	708
	708
	708
	708
	708
	708
	708
Total Assigned From	Total Reserve

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (-) one of the following:

- 1. Credits are to be cut back starting with the claim listed last, working backwards.
- 2. Credits are to be cut back equally over all claims contained in this report of work.
- 3. Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Work has been performed on patented or leased land, please complete the following:

at the recorded holder had a beneficial interest in the patented land at the time the work was performed.

Signature _____ Date _____

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	L 789 351	1
	L 789 352	1
	L 789 353	1
	L 787 354	1
	789 355	1
	789 356	1
	789 357	1
	789 358	1
	789 359	1
	789 372	1
	789 373	1
	789 374	1
	789 375	1
	789 376	1
	789 377	1

pg (3) of (4)
Total Number of Claims

Value of Assessment Work Done on this Claim	Value Applied to this Claim
708	
708	
708	
708	
741.03	
741.03	
741.03	
741.03	
741.03	
878	
878	
878	
878	
878	
878	

Total Value Work Done

Total Value Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	708
	708
	708
	708
	741.03
	741.03
	741.03
	741.03
	741.03
	878
	878
	878
	878
	878
	878

Total Assigned From

Total Reserve

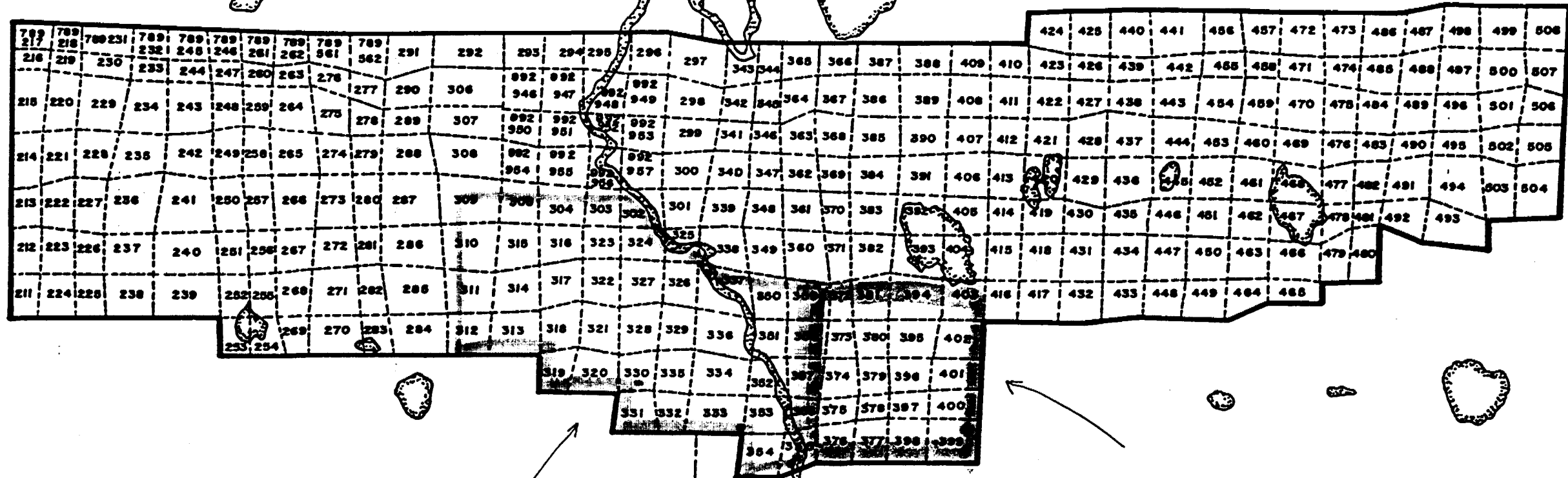
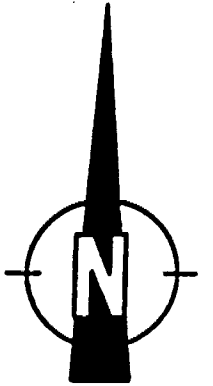
Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (-) one of the following:

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2. Credits are to be cut back equally over all claims contained in this report of work.
3. Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

... of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to adjoining claims.

... has been performed on patented or leased land, please complete the following:



BURN+BUSH GRID:
line rehabilitation
(line cutting)
MAXMIN

BURN+BUSH GRID EAST:
line cutting
MAXMIN
MAG

HOBLITZELL TP
TOMLINSON TP

NOSEWORTHY TP
HURTUBISE TP

COGEMA CANADA LTEE	
BURNTBUSH PROJECT	
CLAIM MAP	
Scale 1:50 000	
Report:	Fig:

TO ACCOMPANY REPORT OF WORK DESCRIBING
CONTRACT GEOPHYSICS 1989, 1990
BURNTBUSH RIVER PROJECT

A: technical documents submitted to accompany two reports of work because 1989 work is eligible at 50% whereas 1990 work is eligible at 100%:

- * COGEMA Report no. 91-CND-47-02A
- * MAPS 1A and 1B to show location of grid relative to claims
- * pages 26-27 from COGEMA Report no. 89-CND-47-02 and pages 5-15 from COGEMA Report no. 90-CND-47-01 (these reports have been or will soon be submitted for assessment)

B: all north arrows are astronomic

C: statement of qualifications

I, John Learn, of Rouyn-Noranda, Quebec, do hereby certify that:

- * I am a geologist and have been employed by Cogema Canada Ltd. since 1982;
- * I am a graduate of Brock University (H.B.Sc. 1977) and McGill University (M.Sc.App. 1981);
- * I have been practising my profession since 1977;
- * I am a fellow of the Geological Association of Canada

and that I have an intimate knowledge of the work performed and described herein.



2.14511

TO ACCOMPANY REPORT OF WORK DESCRIBING
CONTRACT GEOPHYSICS 1989, 1990
BURNTBUSH RIVER PROJECT

A: technical documents submitted to accompany two reports of work because 1989 work is eligible at 50% whereas 1990 work is eligible at 100%:

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- * I have been practising my profession since 1977;
- * I am a fellow of the Geological Association of Canada

and that I have an intimate knowledge of the work performed and described herein.



2. 14511

CLAIMS TRAVERSED BY 1990 LINECUTTING
AND GROUND GEOPHYSICS SURVEYS

BURNTBUSH GRID:

	789315	789327	789350
789302	789316	789328	789351
789303	789317	789329	789352
789304	789318	789330	789353
789305	789319	789331	789354
789309	789320	789332	789355
789310	789321	789333	789356
789311	789322	789334	789357
789312	789323	789335	789358
789313	789324	789336	789359
789314	789325	789337	
	789326		

BURNTBUSH GRID EAST:

L789355	L789372	L789394
L789356	L789373	L789395
L789357	L789374	L789396
L789358	L789375	L789397
L789359	L789376	L789398
	L789377	L789399
	L789378	L789400
	L789379	L789401
	L789380	L789402
	L789381	L789403

2. 14511

LEGEND

ROADWAY AND ROUTE NO.
OTHER ROADS
SURVEYED LINES
TOWNSHIP BOUNDARIES
UNSURVEYED LINES
LOT LINES
MINING CLAIMS
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-RENEWABLE STREAM
SUBDIVISION OF COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARB OR MISREG
THAT THESE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT

SYMBOL

PATENT, SURFACE & MINING RIGHTS
SURFACE RIGHTS ONLY
LEASE, SURFACE & MINING RIGHTS
SURFACE RIGHTS ONLY
MINING RIGHTS ONLY
LICENSE OF OCCUPATION
RESERVATION
CANCELLED
SANDS & GRAVEL
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO 1947 ARE NOT VALID UNLESS THEY HAVE BEEN RE-REGISTERED UNDER THE MINING ACT, R.S.O. 1990, CAP. 203, S. 41, SUBSECTION 1.

SCALE
1:20 000

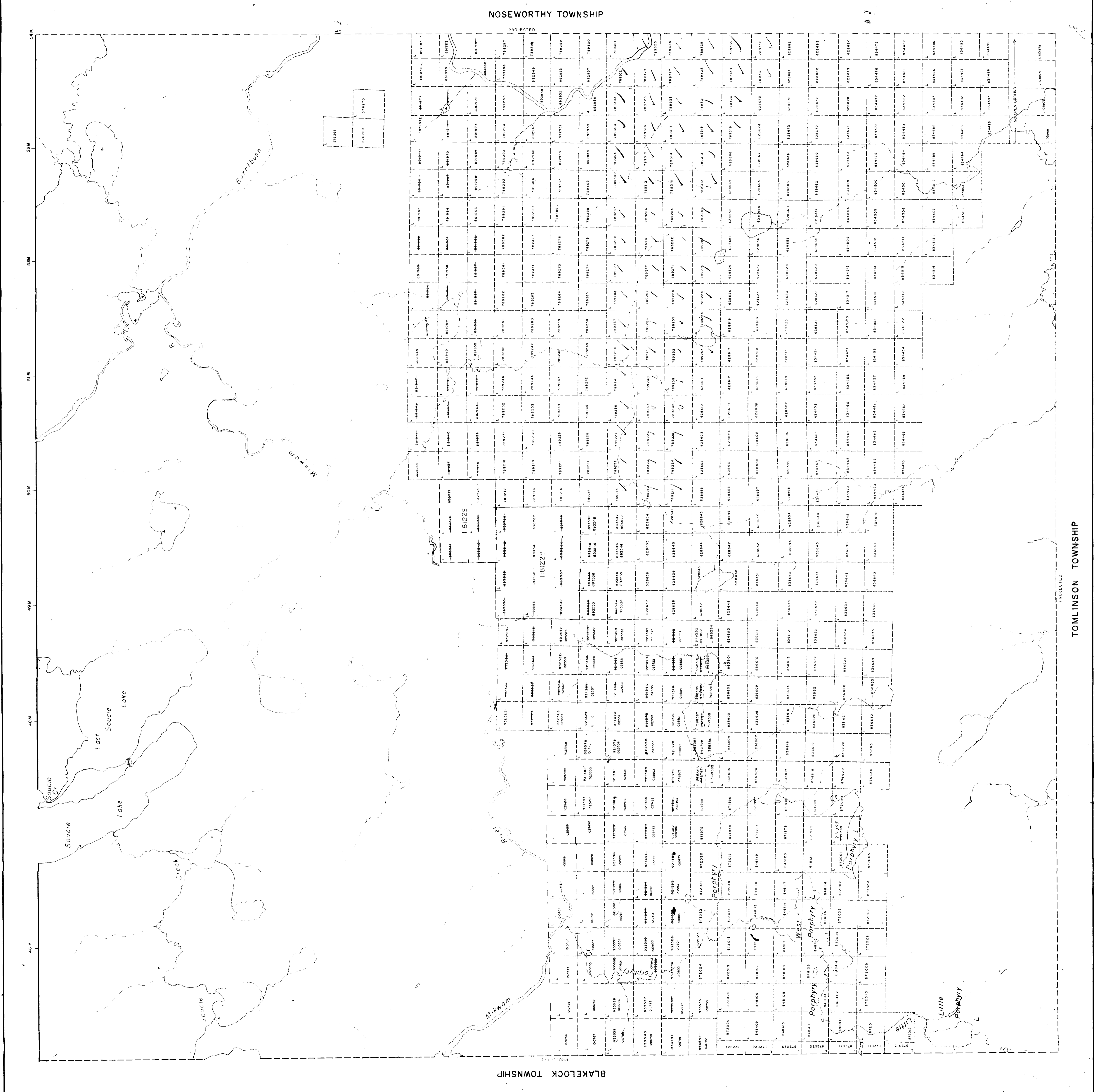
THE INFORMATION THAT APPEARS ON THIS MAP IS THE PROPERTY OF THE MINISTRY OF NATURAL RESOURCES AND ACCURACY IS NOT GUARANTEED. THE USER IS ADVISED TO CHECK WITH THE RECORDS DIVISION OF THE MINISTRY OF NATURAL RESOURCES AND MINES FOR A CURRENT LIST OF THE STATUS OF THE LANDS SHOWN HEREON.

MINISTRY OF NATURAL RESOURCES
Ontario

HOBLITZELL
M. R. ADMINISTRATIVE DISTRICT
COCHRANE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
COCHRANE

TOWNSHIP
NOSEWORTHY TOWNSHIP

DATE: OCTOBER 1986
MAP: G-3513



AREAS WITHDRAWN FROM DISPOSITION

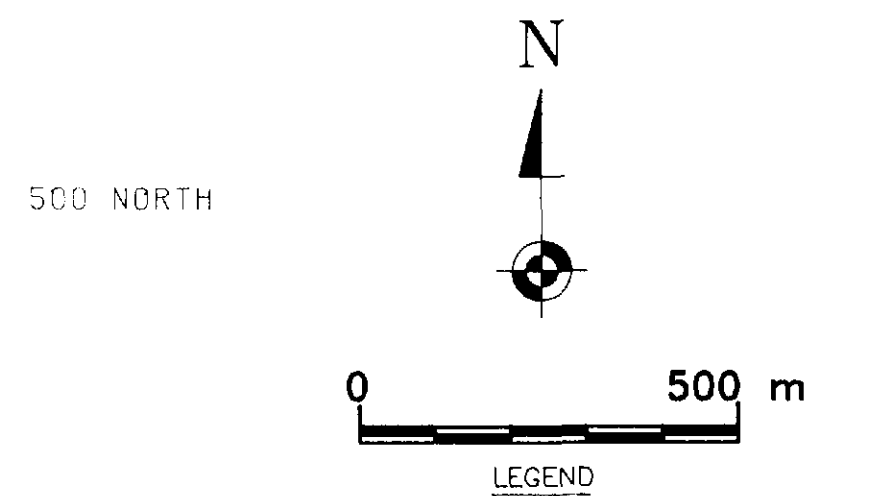
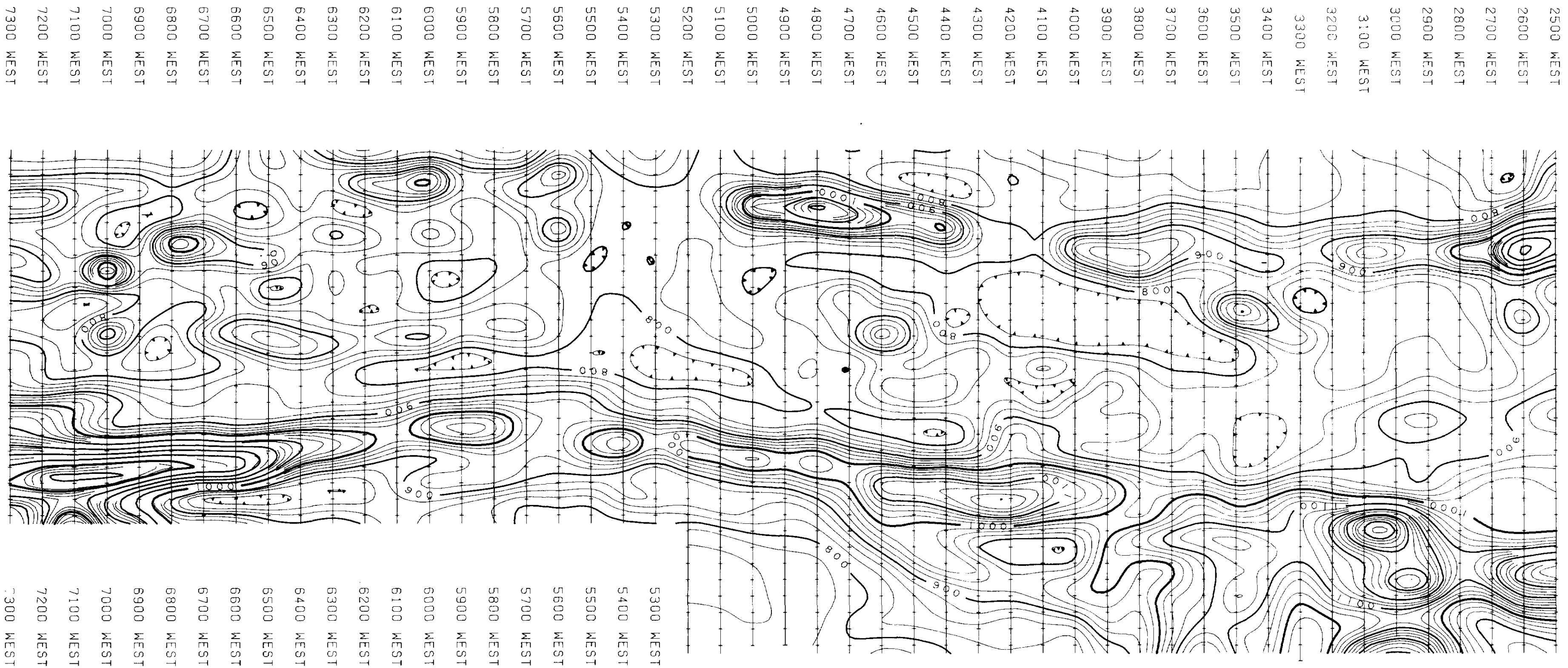
M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.S. - MINING AND SURFACE RIGHTS

Description: _____
Order No.: _____
Date: _____
Disposition: _____

BLAKE LOCK TOWNSHIP

NOSEWORTHY TOWNSHIP

TOMLINSON TOWNSHIP



TOTAL FIELD INTENSITY MAGNETIC SURVEY
 CONTOUR INTERVAL
 25 nT
 100 nT
 500 nT

RECEIVED
 MAY 14 1992
 MINING LANDS BRANCH
 BACKGROUND SUBTRACTED (-58000 nT)
 SURVEY INSTRUMENT: E.D.A. OMNI IV
 SURVEY BY: VAL D'OR GEOPHYSIQUE LTEE

500 SOUTH

COGEMA Canada
1997/134

HORIZONTAL (DISTANCE) Scale:- 1:10000

BURNTBUSH RIVER PROJECT

CONTOURS OF TOTAL FIELD
 MAGNETIC INTENSITY
 (WEST HALF)

DRAWN BY:- R. KOCH
 DATE:- 13 NOV. 1991

SHEET 1 of 2
 MAP No1

2500 WEST
 2600 WEST
 2700 WEST
 2800 WEST
 2900 WEST
 3000 WEST
 3100 WEST
 3200 WEST
 3300 WEST
 3400 WEST
 3500 WEST
 3600 WEST
 3700 WEST
 3800 WEST
 3900 WEST
 4000 WEST
 4100 WEST
 4200 WEST
 4300 WEST
 4400 WEST
 4500 WEST
 4600 WEST
 4700 WEST
 4800 WEST
 4900 WEST
 5000 WEST
 5100 WEST
 5200 WEST
 5300 WEST
 5400 WEST
 5500 WEST
 5600 WEST
 5700 WEST
 5800 WEST
 5900 WEST
 6000 WEST
 6100 WEST
 6200 WEST
 6300 WEST
 6400 WEST
 6500 WEST
 6600 WEST
 6700 WEST
 6800 WEST
 6900 WEST
 7000 WEST
 7100 WEST
 7200 WEST
 7300 WEST

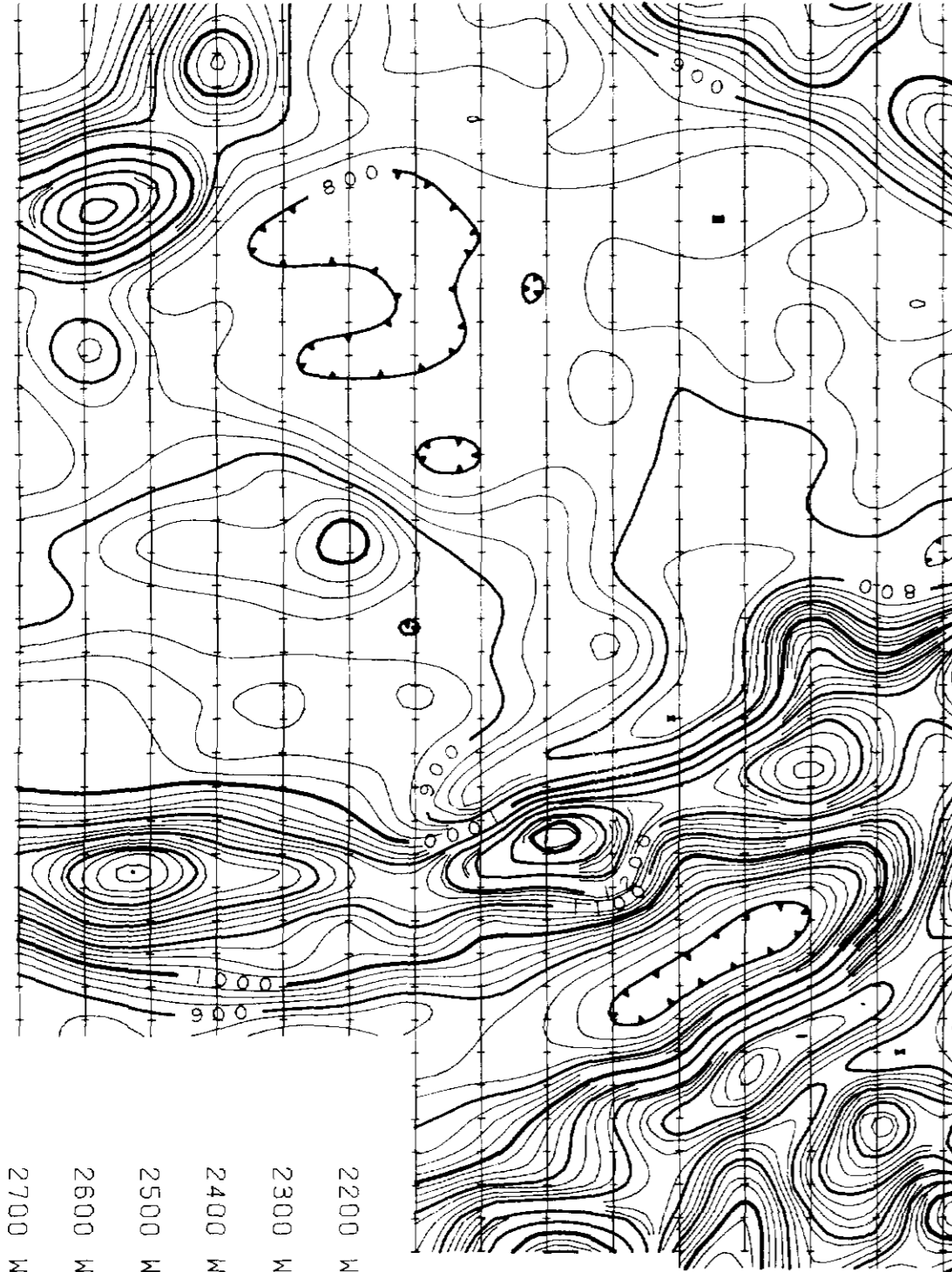
500 NORTH

500 SOUTH



500 NORTH
0
500 SOUTH
1000 SOUTH
1500 SOUTH

1300 WEST
1400 WEST
1500 WEST
1600 WEST
1700 WEST
1800 WEST
1900 WEST
2000 WEST
2100 WEST
2200 WEST
2300 WEST
2400 WEST
2500 WEST
2600 WEST
2700 WEST

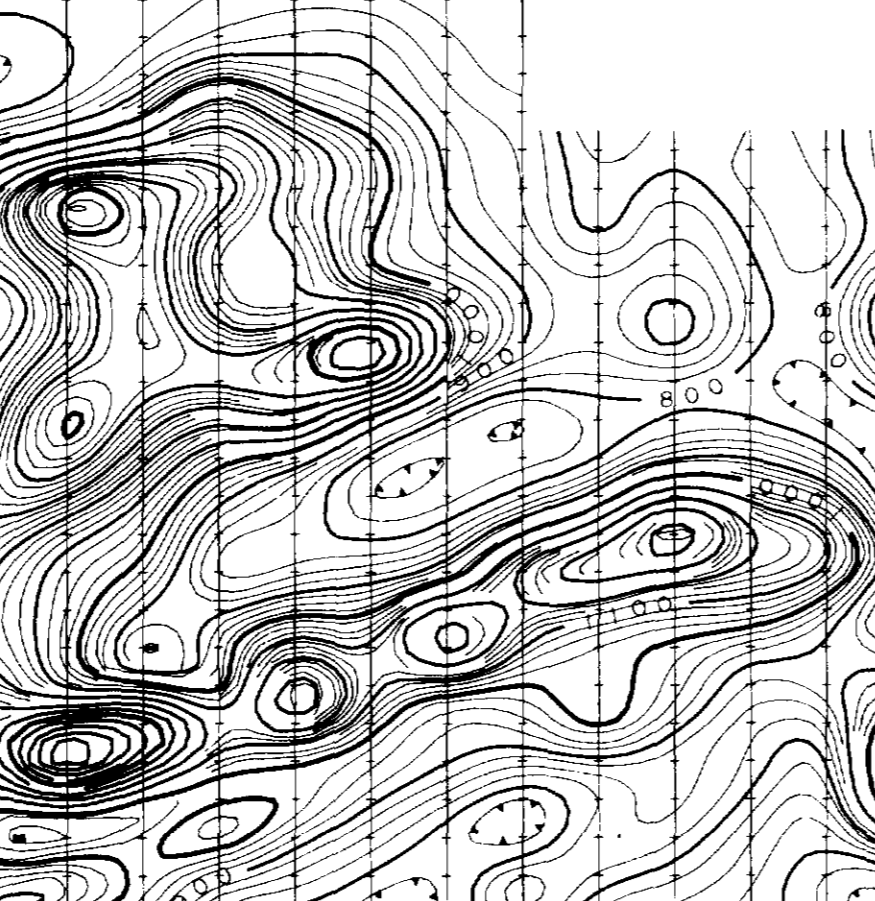


2200 WEST
2300 WEST
2400 WEST
2500 WEST
2600 WEST
2700 WEST

1400 WEST
1500 WEST
1600 WEST
1700 WEST
1800 WEST
1900 WEST
2000 WEST
2100 WEST

1100 WEST
1200 WEST
1000 WEST
900 WEST
800 WEST
700 WEST
600 WEST
500 WEST

200 WEST
300 WEST
400 WEST
500 WEST
100 EAST
200 EAST
300 EAST
400 EAST
500 EAST
600 EAST
700 EAST
800 EAST
900 EAST
1000 EAST



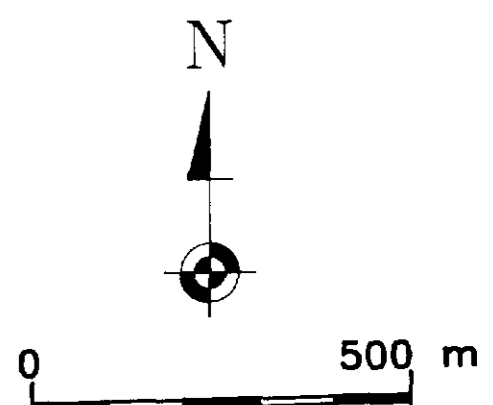
200 WEST
300 WEST
400 WEST
500 WEST
600 WEST
700 WEST
800 WEST
900 WEST
1000 WEST
1100 WEST
1200 WEST
1300 WEST

100 WEST
0
100 EAST
200 EAST
300 EAST
400 EAST
500 EAST
600 EAST
700 EAST
800 EAST
900 EAST
1000 EAST

500 NORTH
0
500 SOUTH
1000 SOUTH
1500 SOUTH

2200 EAST
2100 EAST
2000 EAST
1900 EAST
1800 EAST
1700 EAST
1600 EAST
1500 EAST
1400 EAST
1300 EAST
1200 EAST
1100 EAST
1000 EAST
900 EAST
800 EAST
700 EAST
600 EAST
500 EAST
400 EAST
300 EAST
200 EAST
100 EAST
0

2200 EAST
2100 EAST
2000 EAST
1900 EAST
1800 EAST
1700 EAST
1600 EAST
1500 EAST
1400 EAST
1300 EAST
1200 EAST
1100 EAST
1000 EAST
900 EAST
800 EAST
700 EAST
600 EAST
500 EAST
400 EAST
300 EAST
200 EAST
100 EAST
0



LEGEND
TOTAL FIELD INTENSITY MAGNETIC SURVEY
CONTOUR INTERVAL
25 nT
100 nT
500 nT
BACKGROUND SUBTRACTED (-58000 nT)
SURVEY INSTRUMENT: E.D.A. OMNI IV
SURVEY BY: VAL D'OR GEOPHYSIQUE LTEE

2.14511

COGEMA Canada Ltd

HORIZONTAL (DISTANCE) Scale:- 1:10000

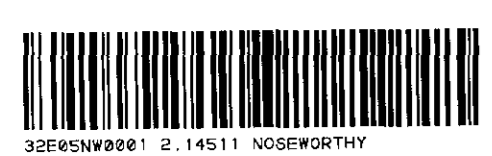
BURNTBUSH RIVER PROJECT

CONTOURS OF TOTAL FIELD MAGNETIC INTENSITY (EAST HALF)

DRAWN BY:- R. KOCH
DATE:- 13 NOV. 1991

SHEET 2 of 2
MAP No 2

RECEIVED
MAY 14 1992
MINING LANDS BRANCH



RECEIVED
MAY 14 1992
MINING LANDS BRANCH



LEGEND

TOTAL FIELD INTENSITY MAGNETIC SURVEY
VERTICAL PROFILE SCALE (AMPLITUDE) 1cm=500 nT
POSITIVE TO THE EAST
BASE LEVEL AT 750 nT
BACKGROUND SUBTRACTED (-58000 nT)
SURVEY INSTRUMENT: E.D.A. OMNI IV
SURVEY BY: VAL D'OR GEOPHYSIQUE LTEE

2-17511



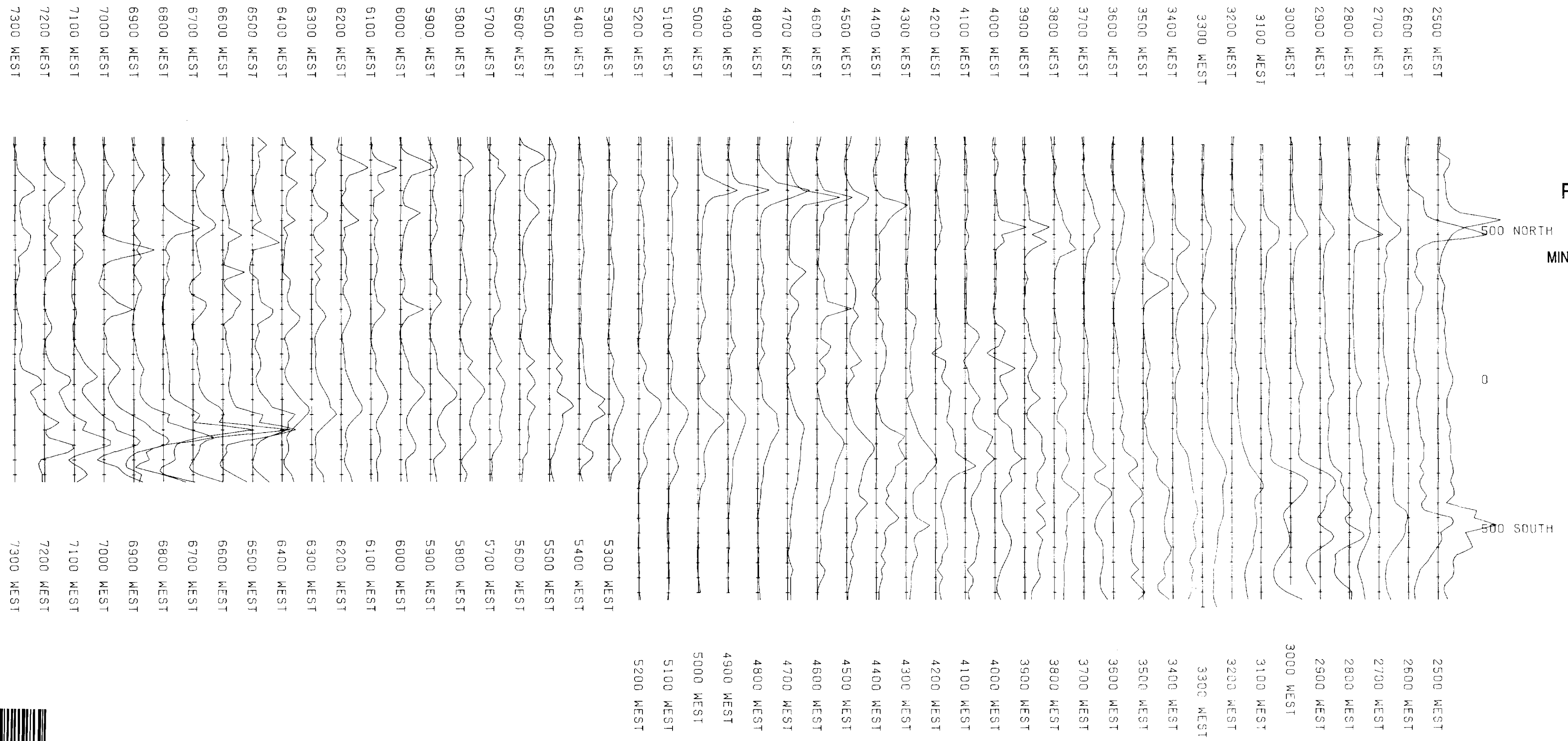
HORIZONTAL (DISTANCE) Scale:- 1:10000

BURNTBUSH RIVER PROJECT

PROFILES OF TOTAL FIELD
MAGNETIC INTENSITY
(WEST HALF)

DRAWN BY:- R. KOCH
DATE:- 13 NOV. 1991

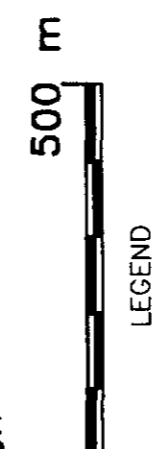
SHEET 1 of 2
MAP No 3



32E05NK0001 2.14511 NOSEWORTHY



RECEIVED
MAY 14 1992
MINING LANDS BRANCH



LEGEND

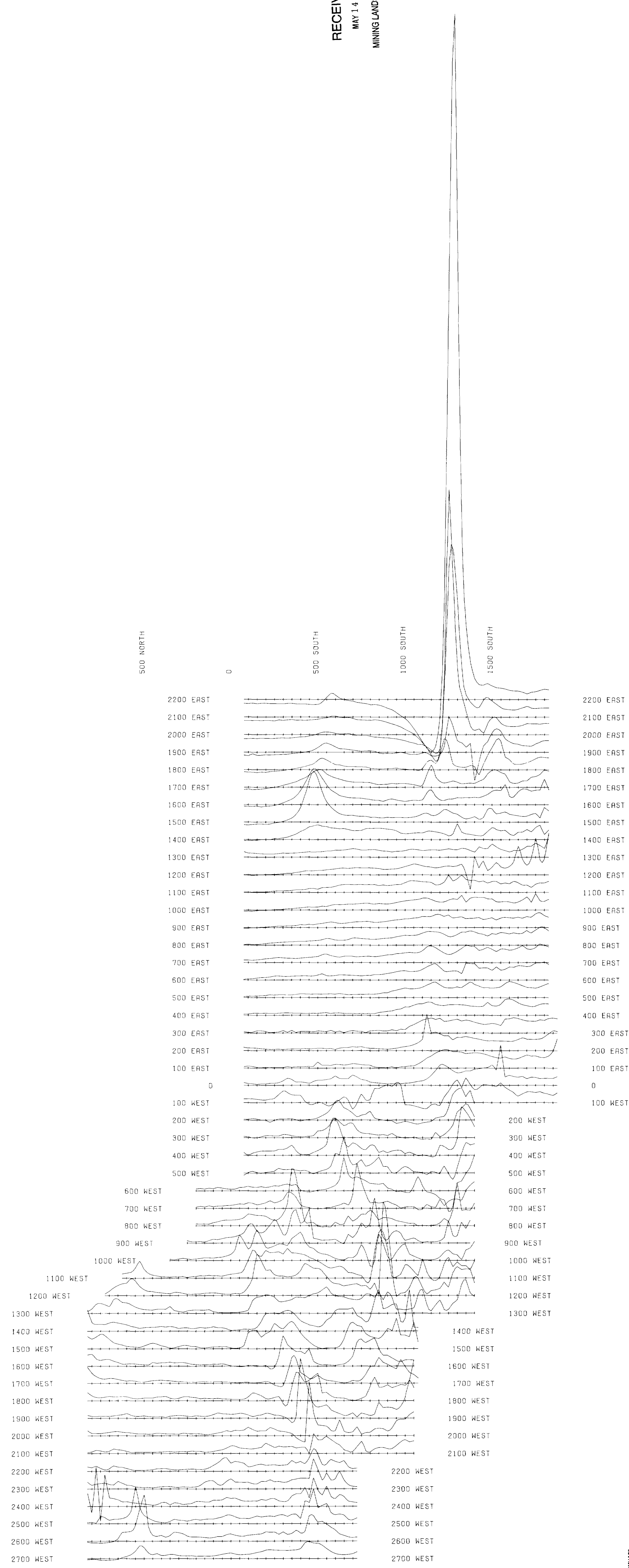
TOTAL FIELD INTENSITY MAGNETIC SURVEY
VERTICAL PROFILE SCALE (AMPLITUDE) 1cm=500 nT
POSITIVE TO THE EAST
BACKGROUND SUBTRACTED (-58000 nT)
SURVEY INSTRUMENT: E.I.A. OHNI IV
SURVEY BY: VAL D'OR GEOPHYSIQUE LTEE



COGEMA
HORIZONTAL (DISTANCE) Scale: 1:10000

BURNTBUSH RIVER PROJECT
PROFILES OF TOTAL FIELD
MAGNETIC INTENSITY
(EAST HALF)

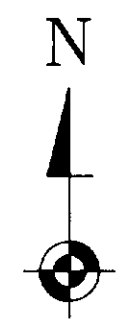
DRAWN BY: R. KOCH
DATE: 13 NOV. 1991
SHEET 2 of 2
MAP No 4



RECEIVED

MAY 14 1992

MINING LANDS BRANCH



LEGEND

HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
VERTICAL (AMPLITUDE) SCALE
----- IN-PHASE (+ TO THE EAST) 1cm=75%
----- QUADRATURE (+ TO THE EAST) 1cm=75%
FREQUENCY = 14080
COIL SEPARATION = 150m
SURVEY INSTRUMENT : APEX PARAMETRICS MAX MIN 1
SURVEY BY : VAL D'OR GEOPHYSIQUE LTEE.

2. 14511



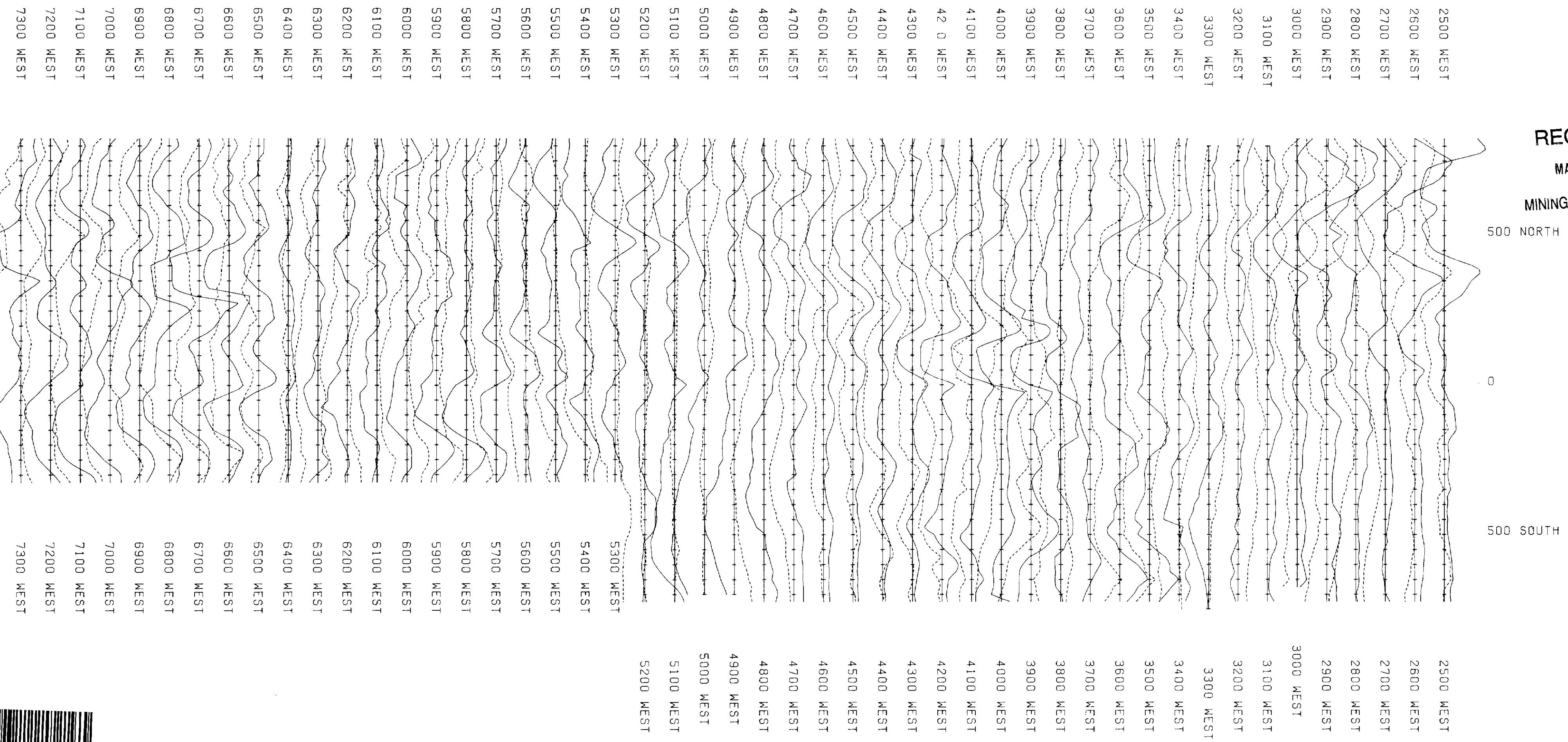
HORIZONTAL (DISTANCE) Scale:- 1:10000

BURNTBUSH RIVER PROJECT

H.L.E.M. MAX MIN 1 SURVEY
14080 HZ
(WEST HALF)

DRAWN BY:- R. KOCH
DATE:- 13 NOV. 1991

SHEET 1 of 2
MAP No 5



500 NORTH

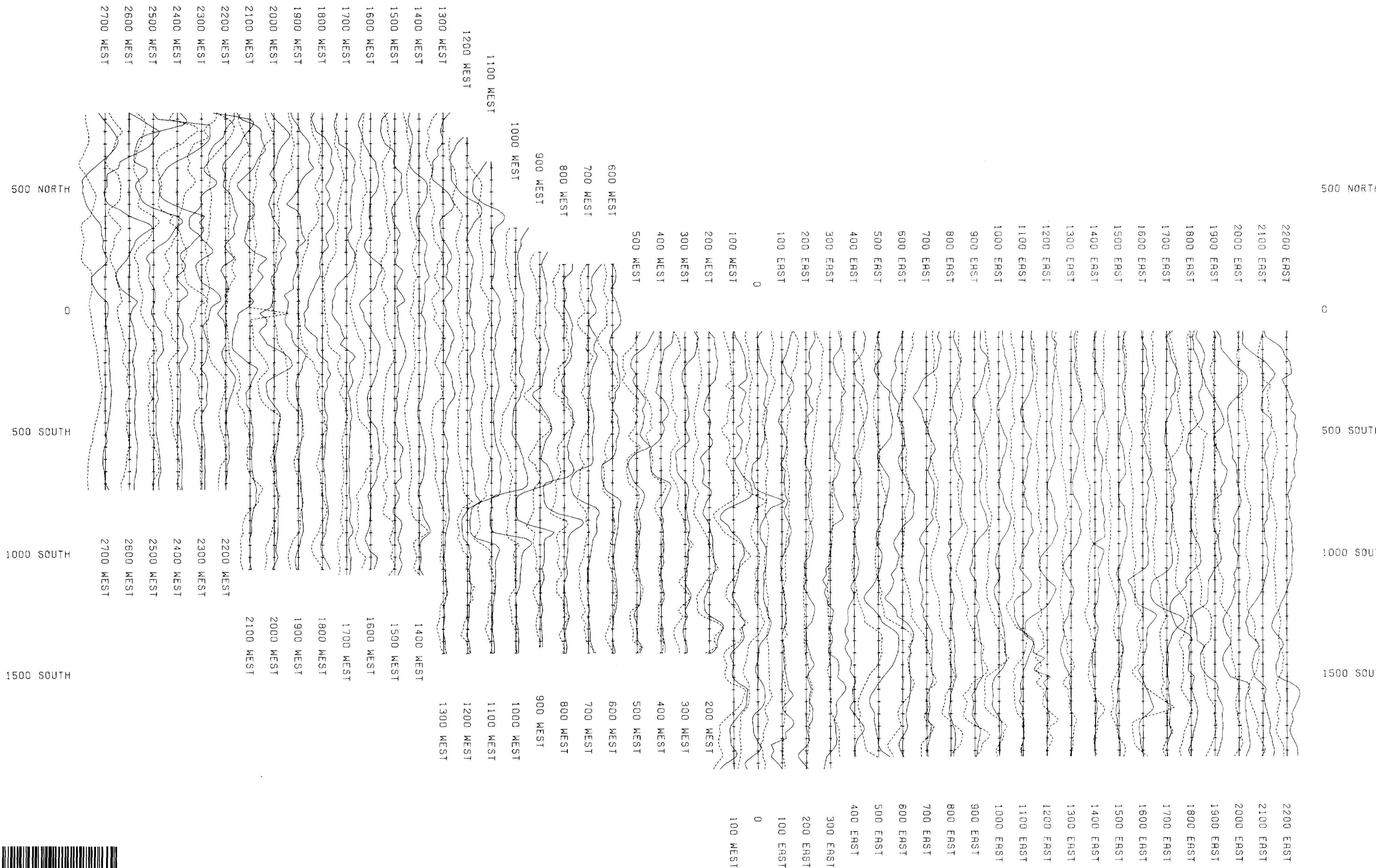
500 NORTH

500 SOUTH

500 SOUTH



32E05N#0001 2.14511 NOSEWORTHY



RECEIVED
MAY 14 1992
MINING LANDS BRANCH

N
↑
↓
⊙

0 500 m

LEGEND

HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
VERTICAL (AMPLITUDE) SCALE
—— IN-PHASE (+ TO THE EAST) 1cm=75%
- - - - QUADRATURE (+ TO THE EAST) 1cm=75%

FREQUENCY = 14080
COIL SEPARATION = 150m
SURVEY INSTRUMENT : APEX PARAMETRICS MAX MIN 1
SURVEY BY : VAL D'OR GEOPHYSIQUE LTEE.

2.14511

COGEMA Canada

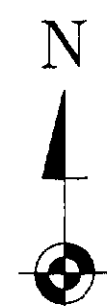
HORIZONTAL (DISTANCE) Scale:- 1:10000

BURNTBUSH RIVER PROJECT

H.L.E.M. MAX MIN 1 SURVEY
14080 HZ
(EAST HALF)

DRAWN BY:- R. KOCH	SHEET 2 of 2
DATE:- 13 NOV. 1991	MAP No 6

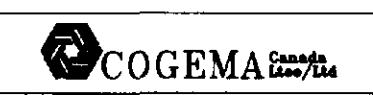




RECEIVED
MAY 14 1992
MINING LANDS BRANCH

LEGEND
HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
VERTICAL (AMPLITUDE) SCALE
----- IN-PHASE (+ TO THE EAST) 1cm=75%
----- QUADRATURE (+ TO THE EAST) 1cm=75%
FREQUENCY = 7040
COIL SEPARATION = 150m
SURVEY INSTRUMENT : APEX PARAMETRICS MAX MIN 1
SURVEY BY : VAL D'OR GEOPHYSIQUE LTEE.

2.14511



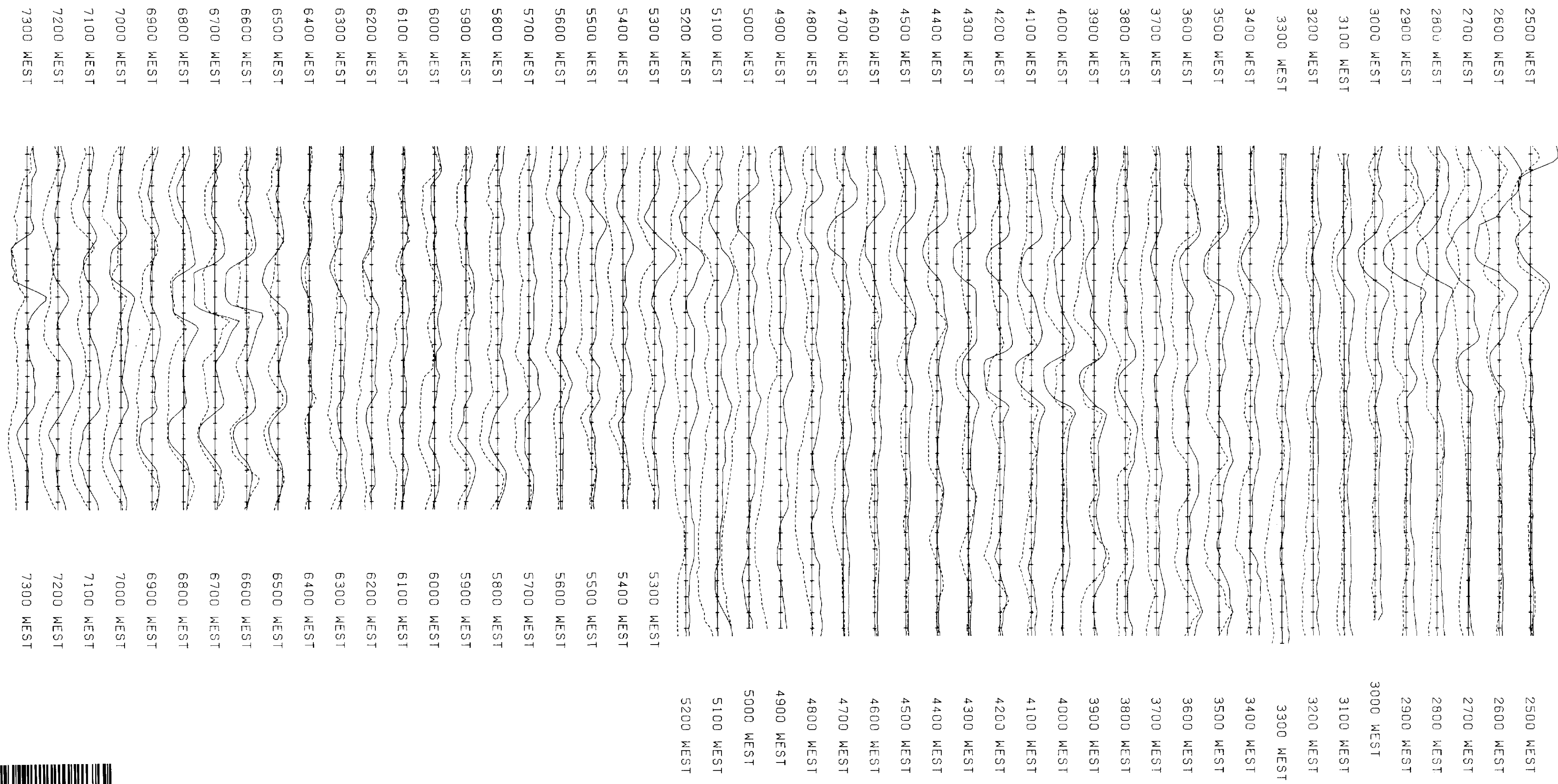
HORIZONTAL (DISTANCE) Scale:- 1:10000

BURNTBUSH RIVER PROJECT

H.L.E.M. MAX MIN 1 SURVEY
7040 HZ.
(WEST HALF)

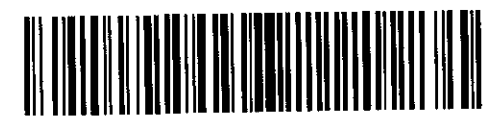
DRAWN BY:- R. KOCH
DATE:- 13 NOV. 1991

SHEET 1 of 2
MAP No 7

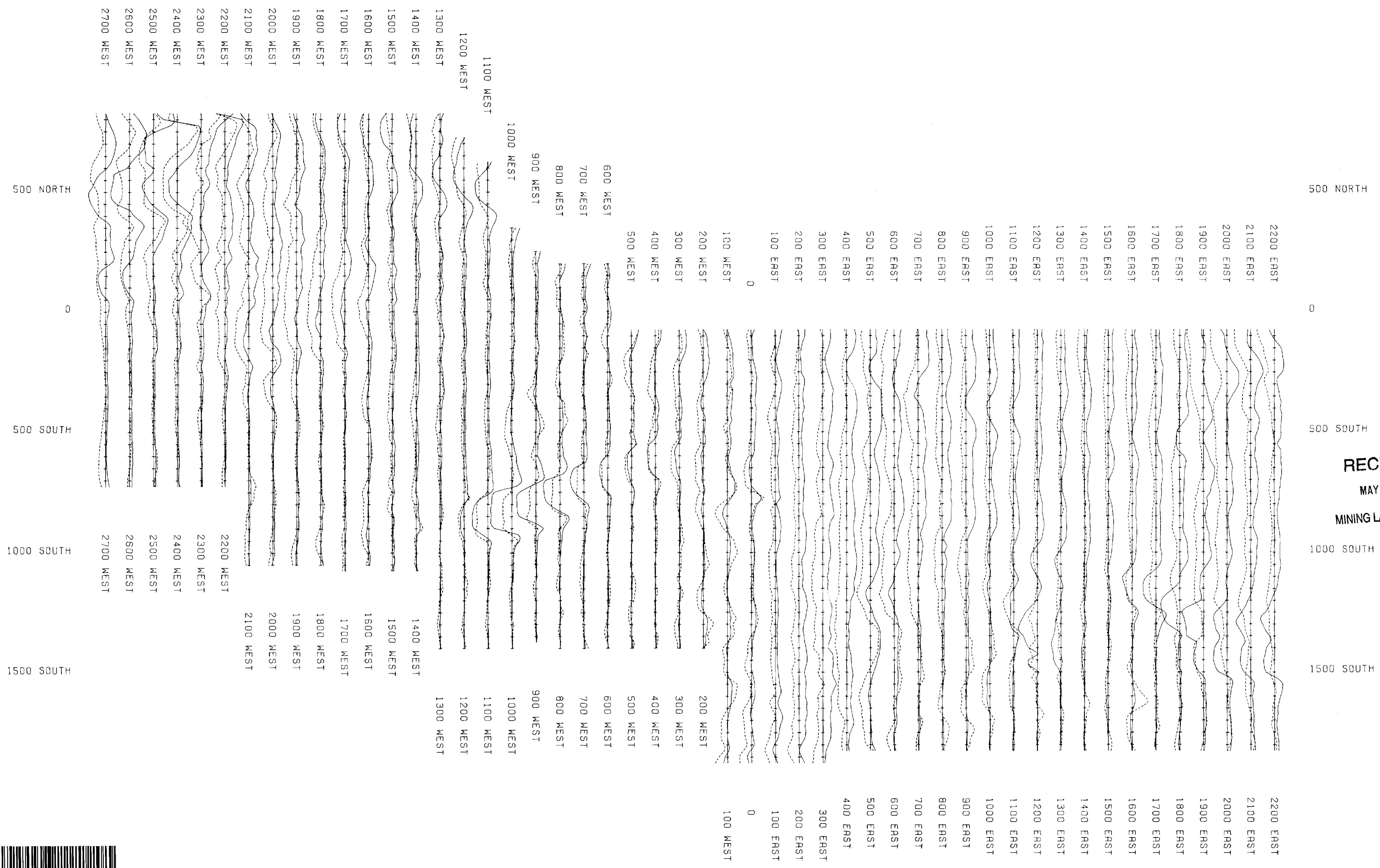


500 NORTH

500 SOUTH

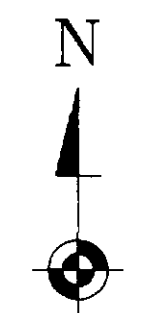


32E05NW0001 2.14511 NOSEWORTHY



RECEIVED
MAY 14 1992

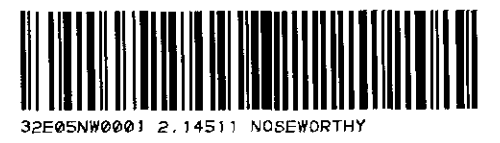
MINING LANDS BURNBUSH RIVER PROJECT
500 m

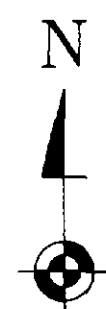


LEGEND
HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
VERTICAL (AMPLITUDE) SCALE
—— IN-PHASE (+ TO THE EAST) 1cm=75%
- - - - QUADRATURE (+ TO THE EAST) 1cm=75%
FREQUENCY = 7040
COIL SEPARATION = 150m
SURVEY INSTRUMENT : APEX PARAMETRICS MAX MIN 1
SURVEY BY : VAL D'OR GEOPHYSIQUE LTEE.

2.14511

HORIZONTAL (DISTANCE) Scale:- 1:10000	
BURNBUSH RIVER PROJECT	
H.L.E.M. MAX MIN 1 SURVEY 7040 HZ. (EAST HALF)	
DRAWN BY:- R. KOCH	SHEET 2 of 2
DATE:- 13 NOV. 1991	MAP No 8





RECEIVED
MAY 14 1992

LEGEND

HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
VERTICAL (AMPLITUDE) SCALE
--- IN-PHASE (+ TO THE EAST) 1cm=50%
- - - QUADRATURE (+ TO THE EAST) 1cm=50%
FREQUENCY = 1760
COIL SEPARATION = 150m
SURVEY INSTRUMENT : APEX PARAMETRICS MAX MIN 1
SURVEY BY : VAL D'OR GEOPHYSIQUE LTEE.

2.14511



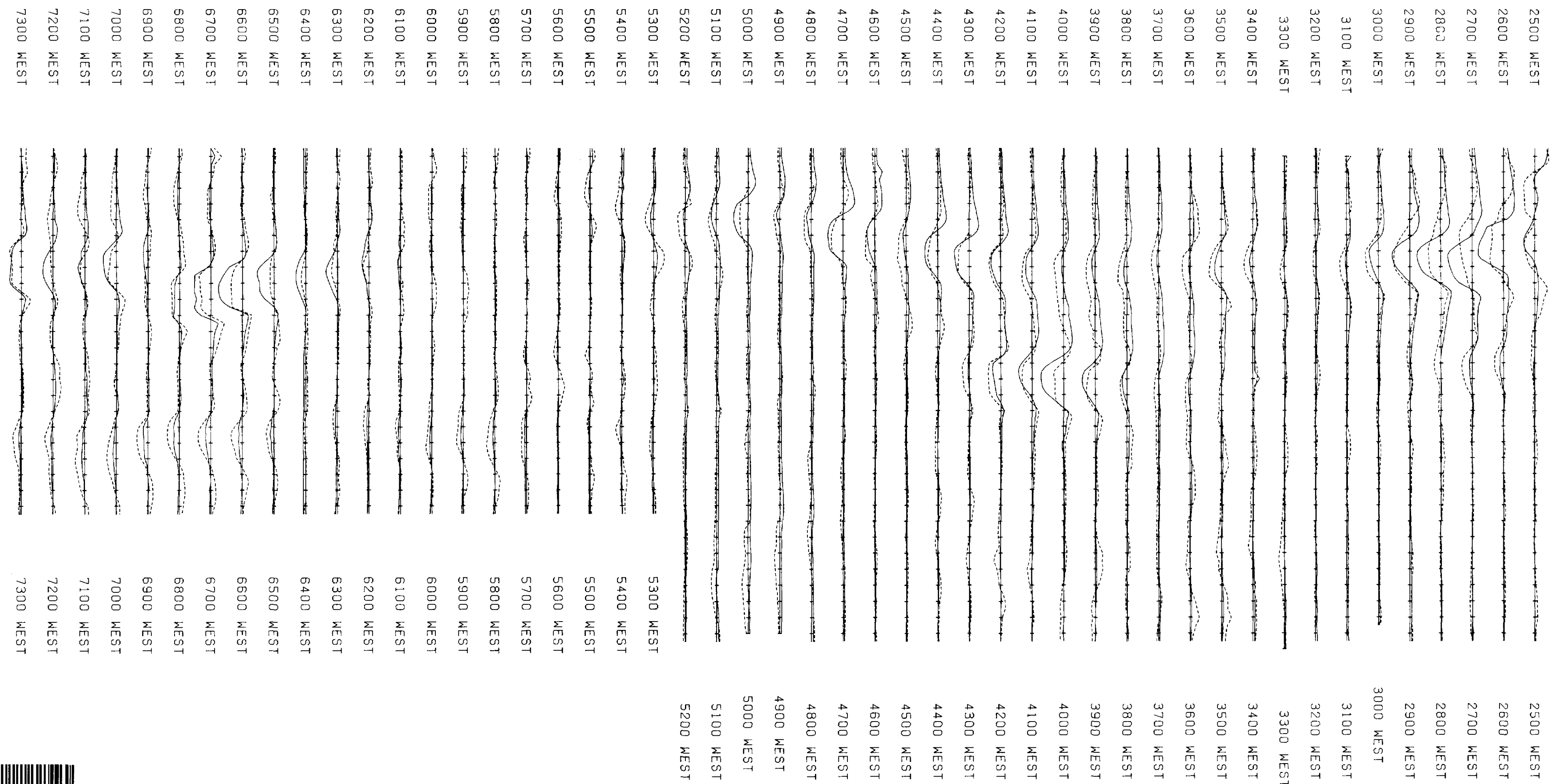
HORIZONTAL (DISTANCE) Scale:- 1:10000

BURNTBUSH RIVER PROJECT

H.L.E.M. MAX MIN 1 SURVEY
1760 HZ.
(WEST HALF)

DRAWN BY:- R. KOCH
DATE:- 13 NOV. 1991

SHEET 1 of 2
MAP No 9



500 NORTH

500 SOUTH



32E05NW0001 2.14511 NOSEWORTHY



500 NORTH

500 SOUTH

1000 SOUTH

1500 SOUTH

RECEIVED

MAY 14 1992

MINING LANDS BRANCH



LEGEND

HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
 VERTICAL (AMPLITUDE) SCALE
 — IN-PHASE (+ TO THE EAST) 1cm=50%
 - - - QUADRATURE (+ TO THE EAST) 1cm=50%
 FREQUENCY = 1760
 COIL SEPARATION = 150m
 SURVEY INSTRUMENT : APEX PARAMETRICS MAX MIN 1
 SURVEY BY : VAL D'OR GEOPHYSIQUE LTEE.

2.14511



HORIZONTAL (DISTANCE) Scale:- 1:10000

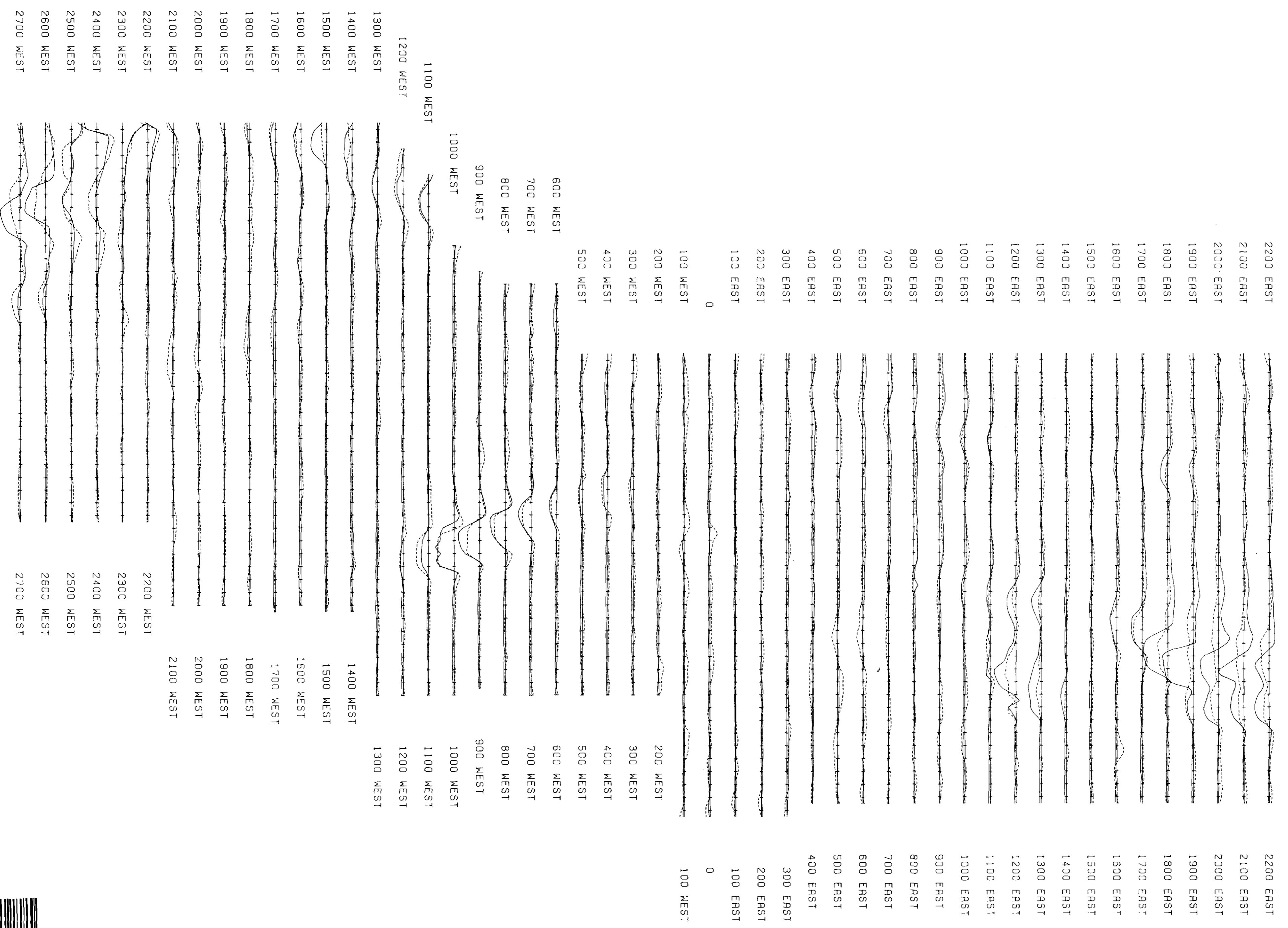
BURNTBUSH RIVER PROJECT

H.L.E.M. MAX MIN 1 SURVEY
1760 HZ.
(EAST HALF)

DRAWN BY:- R. KOCH
DATE:- 13 NOV. 1991

SHEET 2 of 2

MAP No10

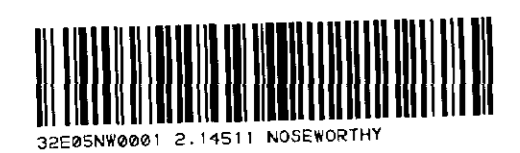


500 NORTH

500 SOUTH

1000 SOUTH

1500 SOUTH



32E05N0001 2.14511 NOSEWORTHY



500 NORTH

RECEIVED

MAY 14 1992

MINING LANDS BRANCH

500 m

LEGEND

HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
 VERTICAL (AMPLITUDE) SCALE
 — IN-PHASE (+ TO THE EAST) 1cm=25%
 - - - - - QUADRATURE (+ TO THE EAST) 1cm=25%
 FREQUENCY = 440
 COIL SEPARATION = 150m
 SURVEY INSTRUMENT : APEX PARAMETRICS MAX MIN 1
 SURVEY BY : VAL D'OR GEOPHYSIQUE LTEE.

2.14511

500 SOUTH



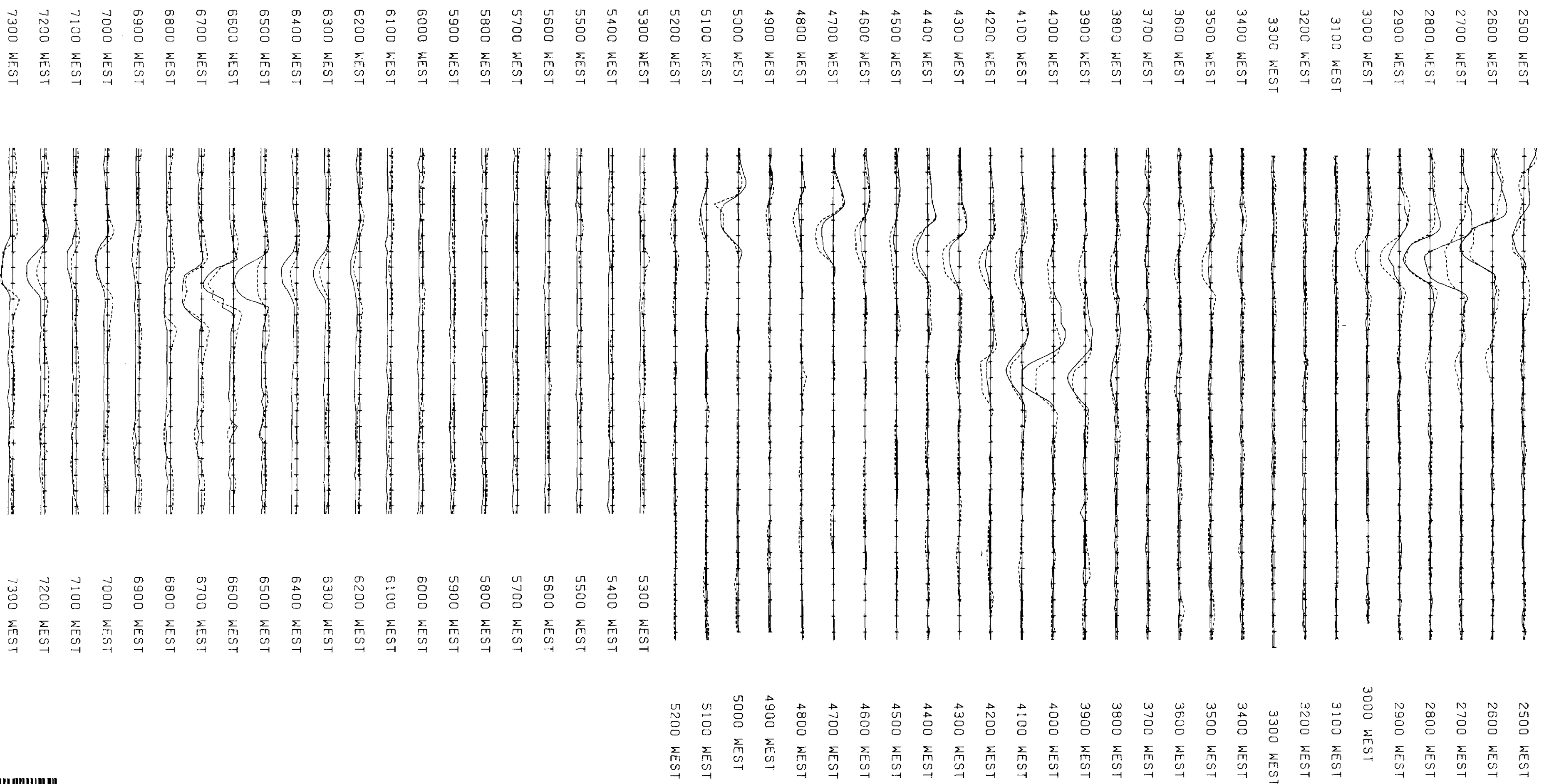
HORIZONTAL (DISTANCE) Scale:- 1:10000

BURNTBUSH RIVER PROJECT

H.L.E.M. MAX MIN 1 SURVEY
 440 HZ.
 (WEST HALF)

DRAWN BY:- R. KOCH
 DATE:- 13 NOV. 1991

SHEET 1 of 2
 MAP No11

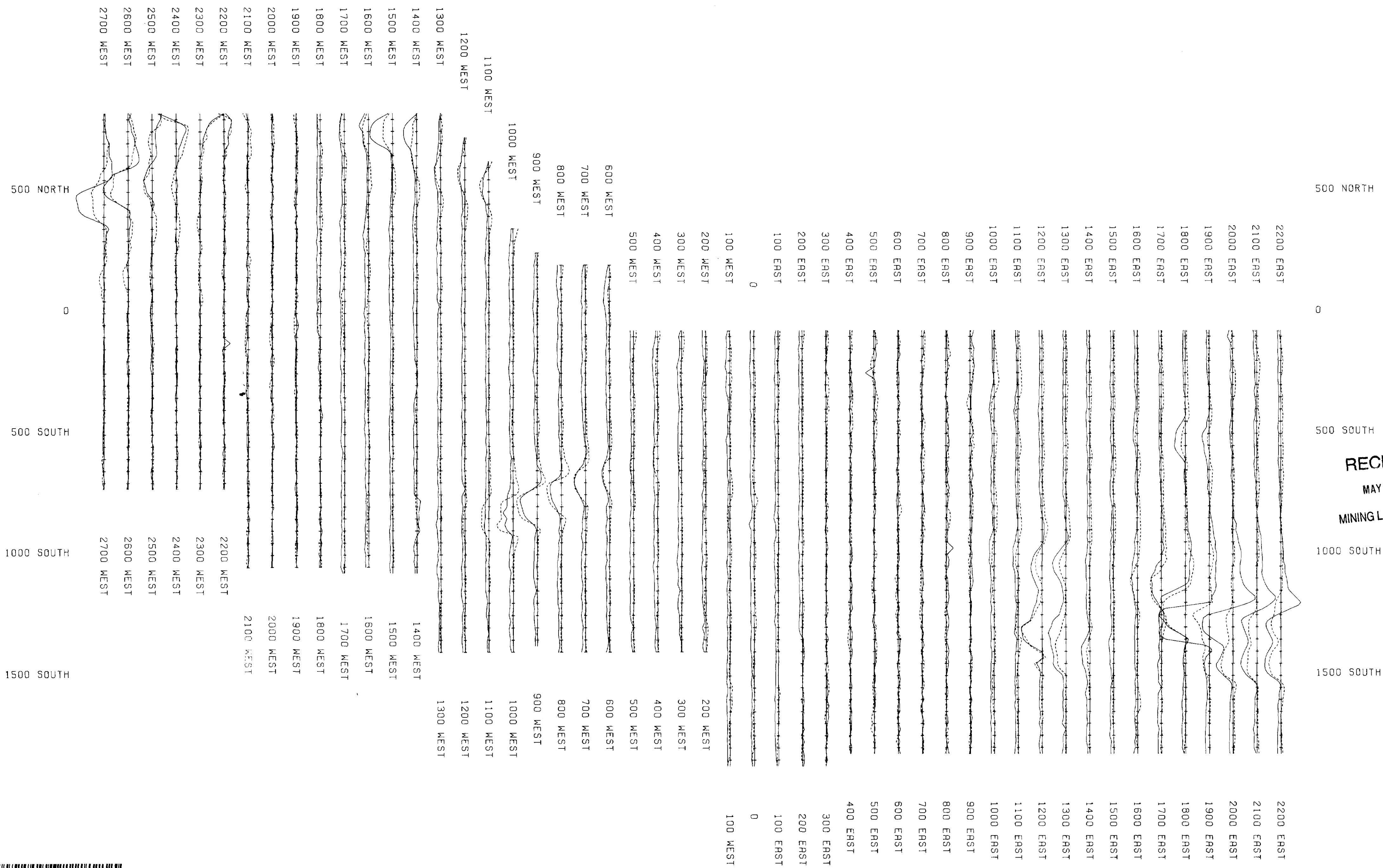


500 NORTH

500 SOUTH



32E05NW001 2.14511 NOSEWORTHY



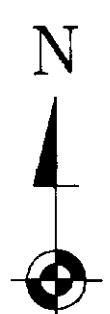
500 NORTH

0

500 SOUTH

1000 SOUTH

1500 SOUTH



RECEIVED
MAY 14 1992
MINING LANDS BRANCH



LEGEND

HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
VERTICAL (AMPLITUDE) SCALE
IN-PHASE (+ TO THE EAST) 1cm=25%
QUADRATURE (+ TO THE EAST) 1cm=25%
FREQUENCY = 440
COIL SEPARATION = 150m
SURVEY INSTRUMENT : APEX PARAMETRICS MAX MIN 1
SURVEY BY : VAL D'OR GEOPHYSIQUE LTEE.

2. 14511

COGEMA

HORIZONTAL (DISTANCE) Scale:- 1:10000

BURNTBUSH RIVER PROJECT

H.L.E.M. MAX MIN 1 SURVEY
440 HZ.
(EAST HALF)

DRAWN BY:- R. KOCH
DATE:- 13 NOV. 1991

SHEET 2 of 2
MAP No12



LEGEND

DIAMOND DRILL HOLE

drilled by CCL 1990

drilled by CCL 1988-1989

drilled by previous claimholder

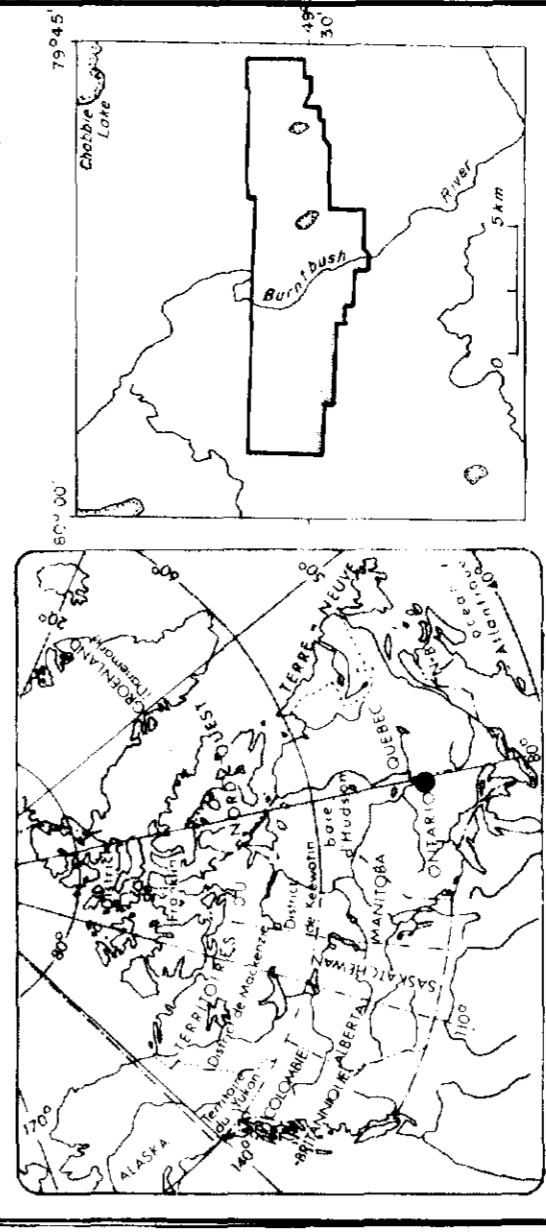
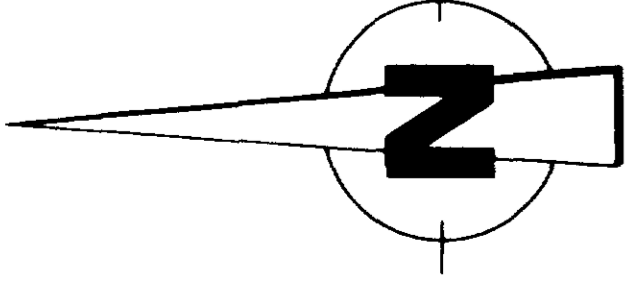
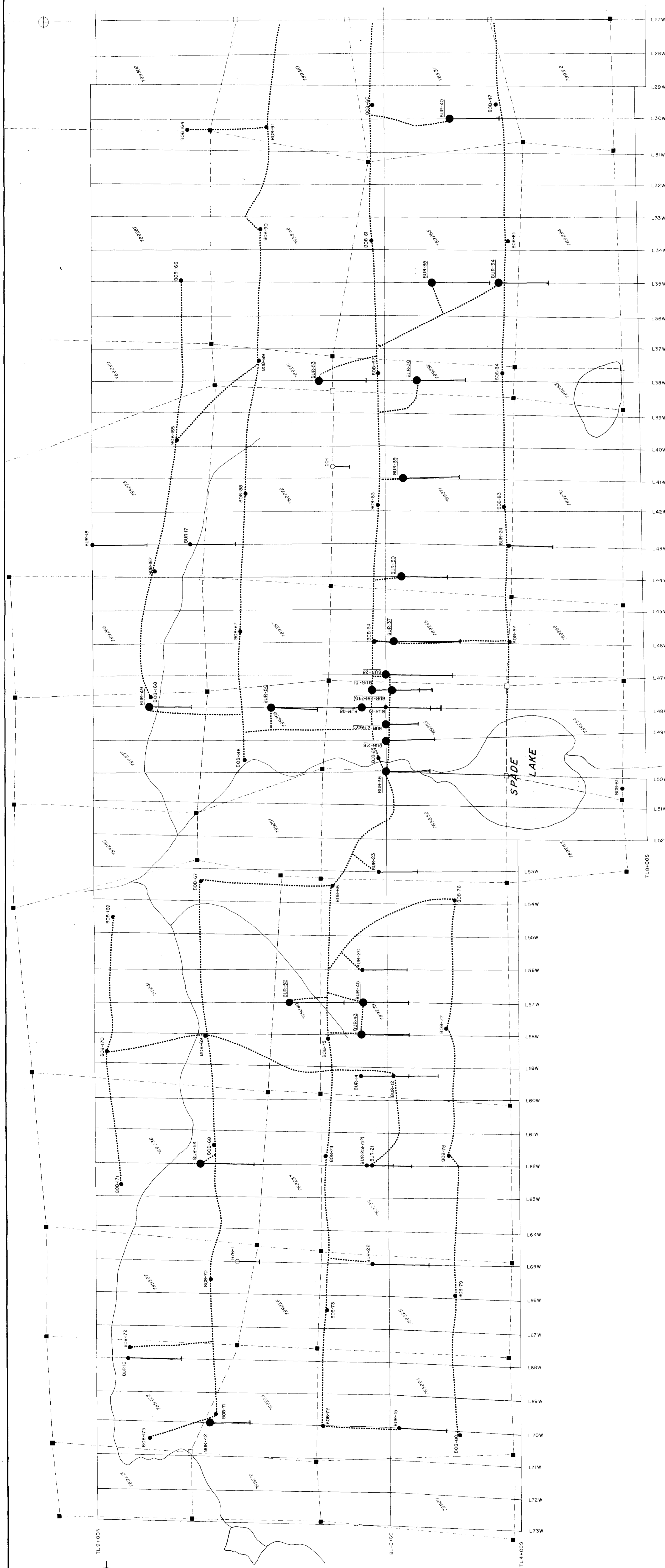
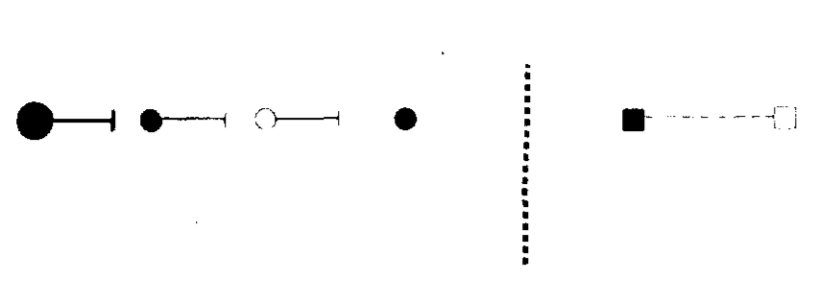
Reverse circulation drill hole (1987, 1988)

Drill roads

Claim post located

Blazed line

Claim post approximate



COGEMA Canada
Lithium Ltd.

Scale: 1:25000
metres 0 100 200 300 400 500 600 700 800 900 1000

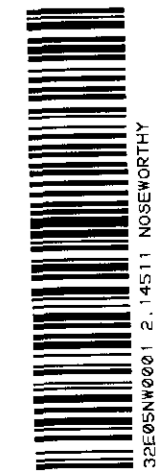
BURNBUSH RIVER PROJECT
Burntbrush grid (west)

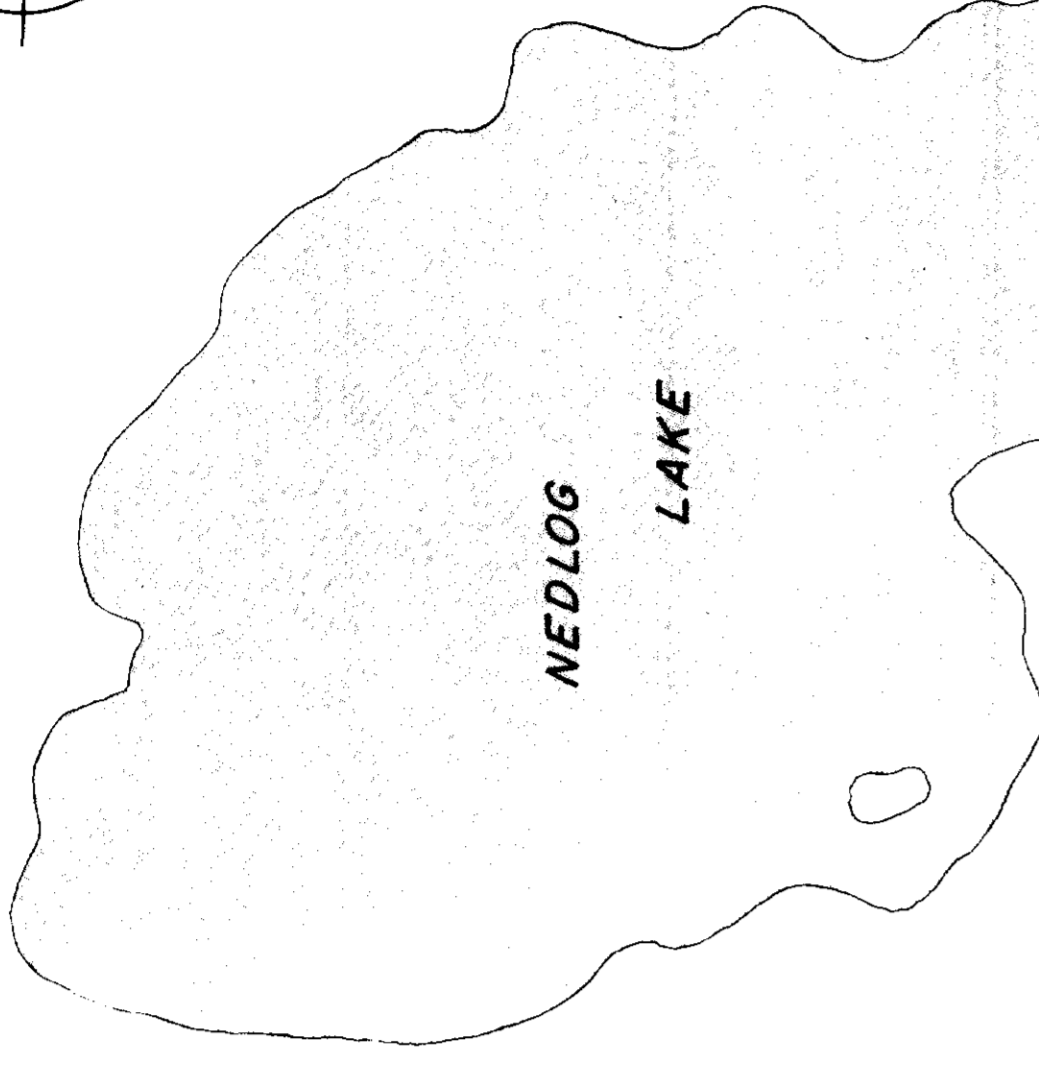
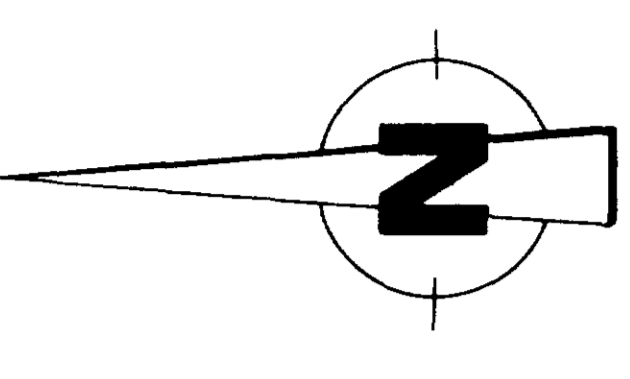
SUMMARY OF WORK PERFORMED (1990)

2-14511

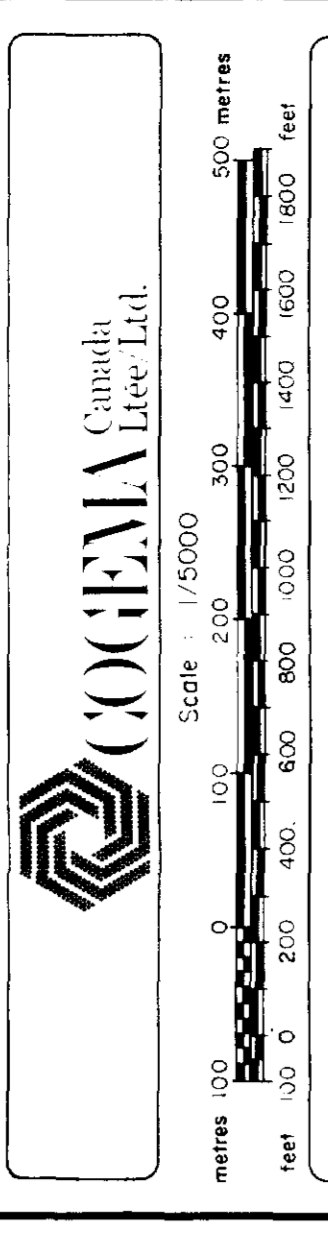
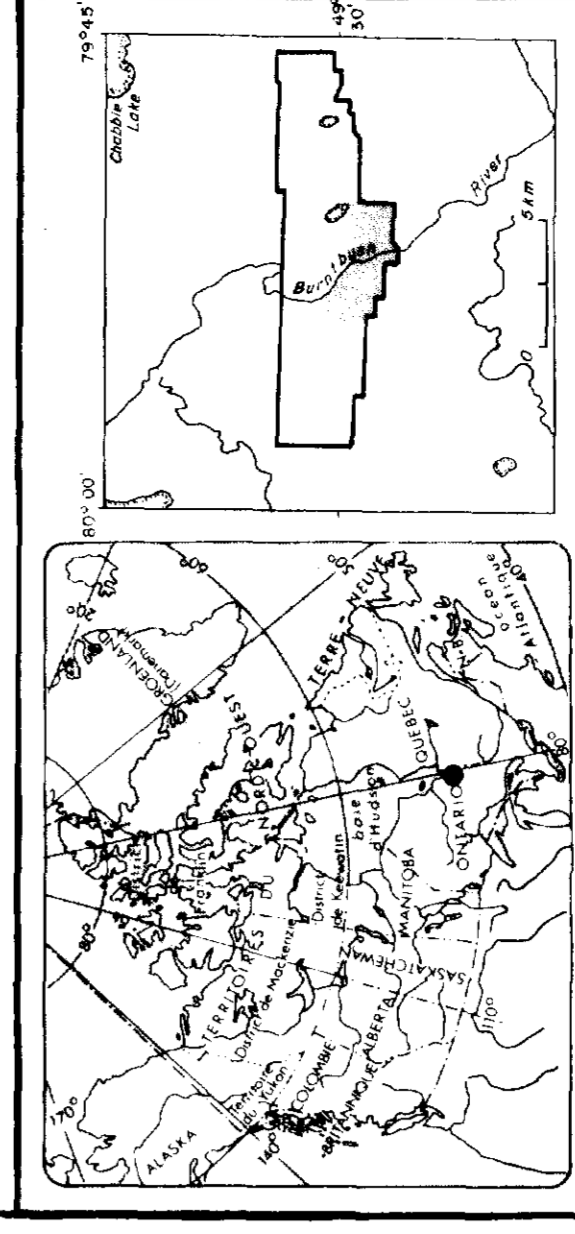
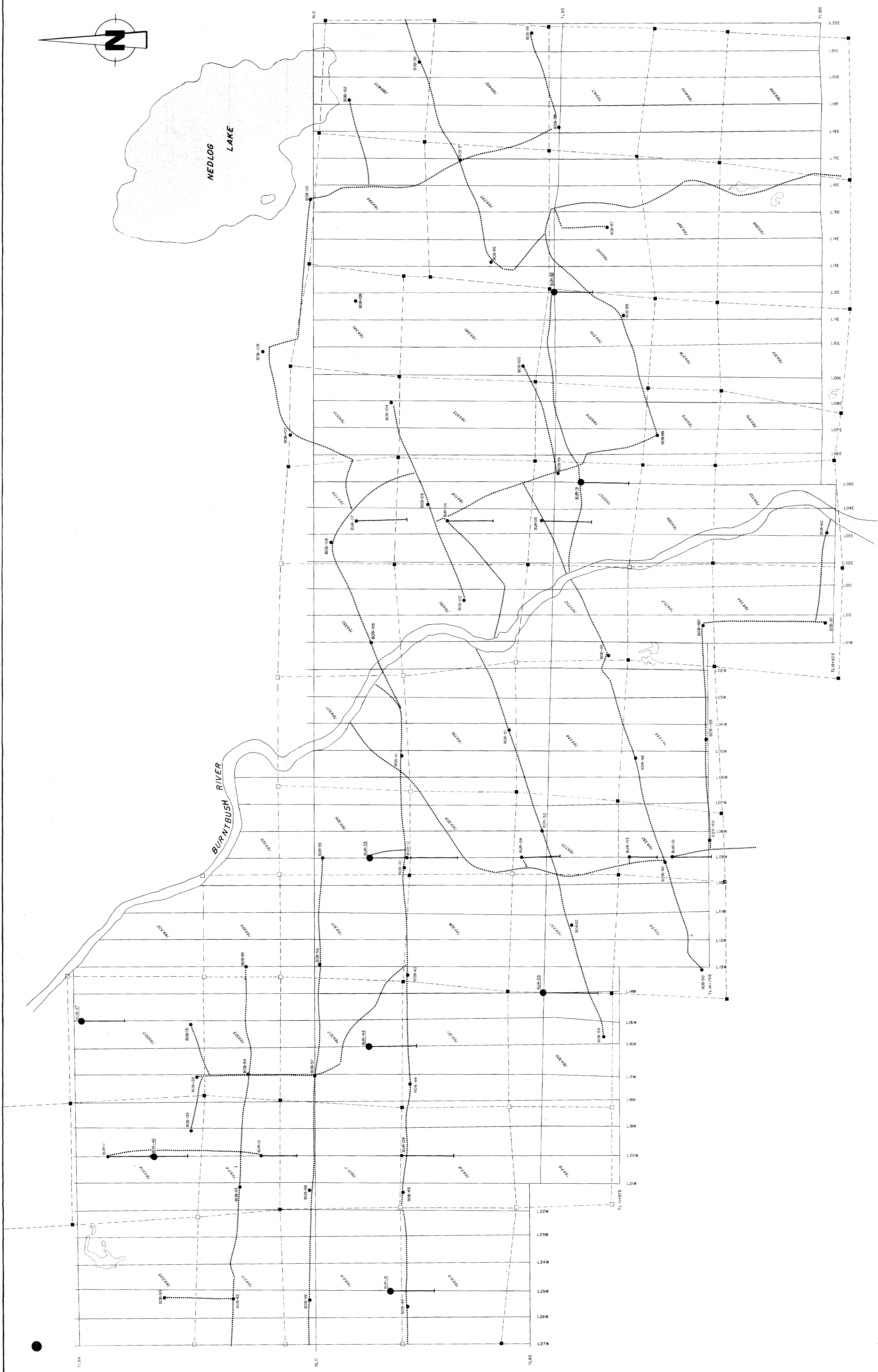
Prepared by: _____
Checked by: M. Proulx
Scale map: M. Proulx
Revised by: _____

Report No. 90-OND-47-01A
Sheet No. _____
MAP NO. **1A**





BURNTBUSH RIVER



BURNTBUSH RIVER PROJECT
Burntbush grid (east)

SUMMARY OF WORK PERFORMED (1990)

2.14511

Drawn by: M. Prout
Checked by: M. Prout
Scale map: M. Prout
Revised by:

Date:

Sheet No. 90-CND-4750A
Block No.
MAP NO. **1B**

