Appendix F

Air Quality Monitoring Baseline Study

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Air Quality Monitoring Baseline Study

Kami Iron Ore Mine and Rail Infrastructure, Labrador

Prepared for

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Final Report

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1.0 INTRODUCTION

Alderon Iron Ore Corp. (Alderon) is proposing to develop an iron ore mine in western Labrador, and build associated infrastructure at the Pointe-Noire Terminal in the Port of Sept-Îles, Québec. The mine Property is located south of the towns of Wabush and Labrador City in Newfoundland and Labrador and east of Fermont, Québec (Figure 1.1). The Kami Iron Ore Mine and Rail infrastructure is located entirely within Labrador, and includes construction, operation, and rehabilitation and closure of an open pit, waste rock disposal areas, processing infrastructure, a tailings management facility (TMF), ancillary infrastructure to support the mine and process plant, and a rail transportation component. The mine will have a nominal capacity of 16 million metric tonnes of iron ore concentrate per year. Concentrate will be transported by existing rail to the Pointe-Noire Terminal at the Port of Sept-Îles, where Project-related components will be located on land within the jurisdiction of the Port Authority of Sept-Îles.

The Labrador Project components will require approvals from the Government of Newfoundland and Labrador and are subject to environmental assessment (EA) under the Environmental Protection Act (NLEPA) and associated Environmental Assessment Regulations. Federal approvals will also be required, which trigger the requirement for a federal EA under the Canadian Environment Assessment Act (CEAA), at the comprehensive study level. The Project was registered in accordance with the NLEPA and CEAA in October 2011.

The construction, operation, and decommissioning of the Project will result in emissions of various air contaminants. In support of efforts to assess the potential environmental effects that could result from each phase of the Project on the Atmospheric Environment, baseline air monitoring and air dispersion modelling were conducted. The methodology used to conduct the monitoring program and the results obtained are described and presented within this report. The methodology used to conduct the predictive modelling and the results obtained are presented and described in Appendix A of this report.

This Air Quality Monitoring Baseline Report by Stassinu Stantec Limited Partnership (Stassinu Stantec) is being submitted in support of the EIS and federal EA and will, in turn, be used to support the environmental assessment for the Project.

Figure 1.1   Project Location
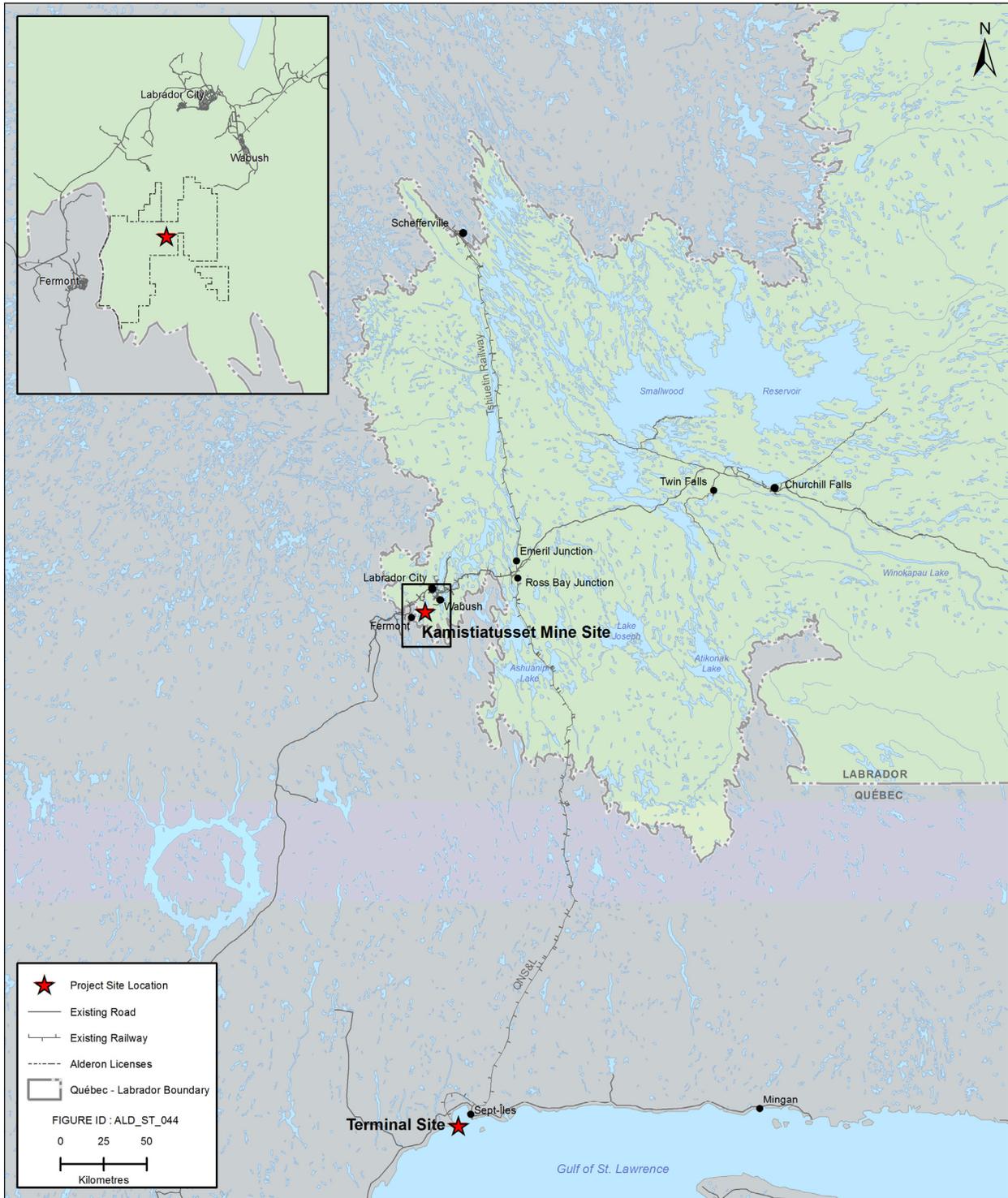
1.1 Overview of Kami Iron Ore Mine and Rail Infrastructure, Labrador

The Kami Iron Ore Project in Labrador includes construction, operation, and closure / decommissioning of the following primary components (Figure 1.2):

- Open pit (Rose Pit);

- Waste rock disposal areas (Rose North and Rose South);

- Processing infrastructure includes crushing, grinding, spiral concentration, magnetic separation, and tailings thickening areas;

- Tailings management facility (TMF);

- Effluent treatment facility;

- Ancillary infrastructure to support the mine and process plant (gate and guardhouse, reclaim water pumphouse, truck wash bay and shop, electrical substation, explosives magazine storage, administration / office buildings, maintenance offices, warehouse area and employee facilities, conveyors, load-out silo, stockpiles, sewage and water treatment units, mobile equipment, access road and transmission lines);

- A rail transportation component to connect the mine site to the Québec North Shore & Labrador (QNS&L) Railway; and

- Electrical transmission line from terminal to be located by Nalcor Energy to the mine site.

Figure 1.2   Primary Project Components

1.2 Air Contaminants of Interest

Project activities will result in the release of substances, that due to their physical and chemical properities are refered to as air contaminants. The primary air contaminants of interest to this study include the following:

- Carbon Monoxide (CO);
- Nitrogen Dioxide (NO_2);
- Sulphur Dioxide (SO_2);
- Total Suspended Particulate Matter (TSP);
- Particulate Matter less than 10 microns in diameter (PM_{10}); and
- Particulate Matter less than 2.5 microns in diameter ($PM_{2.5}$).

1.3 Regulatory Framework

Air quality will be assessed in the context of potential Project-related criteria air contaminants (CACs) and their ground-level concentrations (GLCs).For the purposes of this study, the Project-related CACs include carbon monoxide (CO), nitrogen oxides (NO_x as nitrogen dioxide, NO_2), sulphur dioxide (SO_2), total suspended particulate matter (TSP), particulate matter less than 10 microns in diameter (PM_{10}) and particulate matter less than 2.5 microns in diameter ($PM_{2.5}$).

The federal government has set objectives for air quality, which are taken into account by federal agencies in project review.The Newfoundland and Labrador provincial government have also set limits for air quality, which are defined in the Air Pollution Control Regulations.

The National Ambient Air Quality (NAAQ) Objectives and the Newfoundland and Labrador Air Pollution Control Regulations for specified CACs are presented in Table 1.1. In terms of the Kami Mine Project, the Newfoundland and Labrador Maximum Permissible Ground Level Concentrations would be applicable.

Table 1.1   Newfoundland and Labrador Air Pollution Control Regulations and Canadian Environmental Protection Act Ambient Air Quality Objectives

Pollutant and units (alternative units in brackets)	Averaging Time Period	Newfoundland and Labrador Maximum Permissible Ground Level Concentration	Canada			
			Canada Wide Standards	Ambient Air Quality Objectives		
				Maximum Desirable	Maximum Acceptable	Maximum Tolerable
Nitrogen dioxide $\mu g/m^3$ (ppb)	1 hour	400 (213)	-	-	400 (213)	1000 (532)
	24 hour	200 (106)	-	-	200 (106)	300 (160)
	Annual	100 (53)	-	60 (32)	100 (53)	-
Sulphur dioxide $\mu g/m^3$ (ppb)	1 hour	900 (344)	-	450 (172)	900 (344)	-
	3 hour	600 (228)				
	24 hour	300 (115)	-	150 (57)	300 (115)	800 (306)

Table 1.1   Newfoundland and Labrador Air Pollution Control Regulations and Canadian Environmental Protection Act Ambient Air Quality Objectives

Pollutant and units (alternative units in brackets)	Averaging Time Period	Newfoundland and Labrador Maximum Permissible Ground Level Concentration	Canada			
			Canada Wide Standards	Ambient Air Quality Objectives		
				Maximum Desirable	Maximum Acceptable	Maximum Tolerable
	Annual	60 (23)	-	30 (11)	60 (23)	-
Total Suspended Particulate Matter (TSP) $\mu g/m^3$	24 hour	120	-	-	120	400
	Annual	60	-	60	70	-
$PM_{2.5}$ $\mu g/m^3$	24 hour	25	30	-	-	-
			(by 2010) Based on the 98th percentile ambient measurement annually, averaged over 3 consecutive years			
PM_{10} $\mu g/m^3$	24 hour	50	-	-	-	-
Carbon Monoxide	1 hour	35 (31)	-	15 (13)	35 (31)	-
mg/m^3 (ppm)	8 hour	15 (13)	-	6 (5)	15 (13)	20 17)

2.0   RATIONALE AND OBJECTIVIES

The baseline air quality monitoring program for the Project was designed to provide basic information on the current state of the Atmospheric Environment that could be influenced by the Project. There are existing monitoring stations in the area but these are operated by other companies and focus on their own areas of influence. Therefore, it was determined that additional measurements would help further understand the existing conditions in the area directly surrounding the proposed location for the Project.

The objectives of the baseline air quality program for the Project were to determine:

- absolute levels of particulate matter in residential, or in high usage recreational public areas;
- fine particulate fractionation to profile the amount of particulate matter in the health impacting size ranges; and,
- characterization of the warm / day season conditions versus the heating season emissions.

In discussions with Newfoundland and Labrador Department of Environment and Conservation, it was determined that particulate matter, or "dust" was the greatest public concern, and that nitrogen oxides would also be of concern to the regulators. As nitrogen oxides are not expected to be a concern for this Project, and are straightforward to predict by computer modeling, on-site baseline monitoring was not conducted. Total particulate matter is that material less than 40 microns in aerodynamic diameter that is generally suspended by the wind. More recently, the focus has been on material with a smaller aerodynamic diameter. PM_{10}, the material 10 microns in diameter, is capable of passing through the nasal system, which filters out coarser particles, and enter the lungs. $PM_{2.5}$ is smaller, enters the lungs, and is more effectively trapped in the lungs. Thus the PM_{10} and $PM_{2.5}$ fractions are those that are of more importance to human health, and more relevant to study.

Thr results of this monitoring, as well as those from other nearby programs, will be used to characterize the existing ambient air quality in the area surrounding the proposed Project to support the assessment of the potential environmental effects that may result from the construction, operation and decommissioning of the Project.

3.0   STUDY AREA

The open pit mine (Rose Pit) and associated workings are to be located to the south of Labrador City, southwest of Wabush, and east of Fermont, Quebec.

In addition to the above noted nearest communities, there are a number of cabins located around the lakes that surround the Project, including but not limited to, Long Lake, Mills Lake, and Riordan Lake. There is also a provincial park reserve, Duley Lake Provinical Park Reserve, located north of the Project.

A total of three baseline air quality monitoring sites were selected for this study. These sites are listed in Table 3.1 and illustrated in Figure 3.1.

Table 3.1   Baseline Air Quality Monitoring Sites

Site No.	UTM Coordinates		Site Description
	Easting (m)	Northing (m)	
1	629449	5851022	Residential Property in Fermont, Quebec
2	634479	5862308	Recreational Area Near Duley Lake
3	643272	5863149	Residential Property in Wabush, Labrador

Figure 3.1   Baseline Air Quality Monitoring Locations
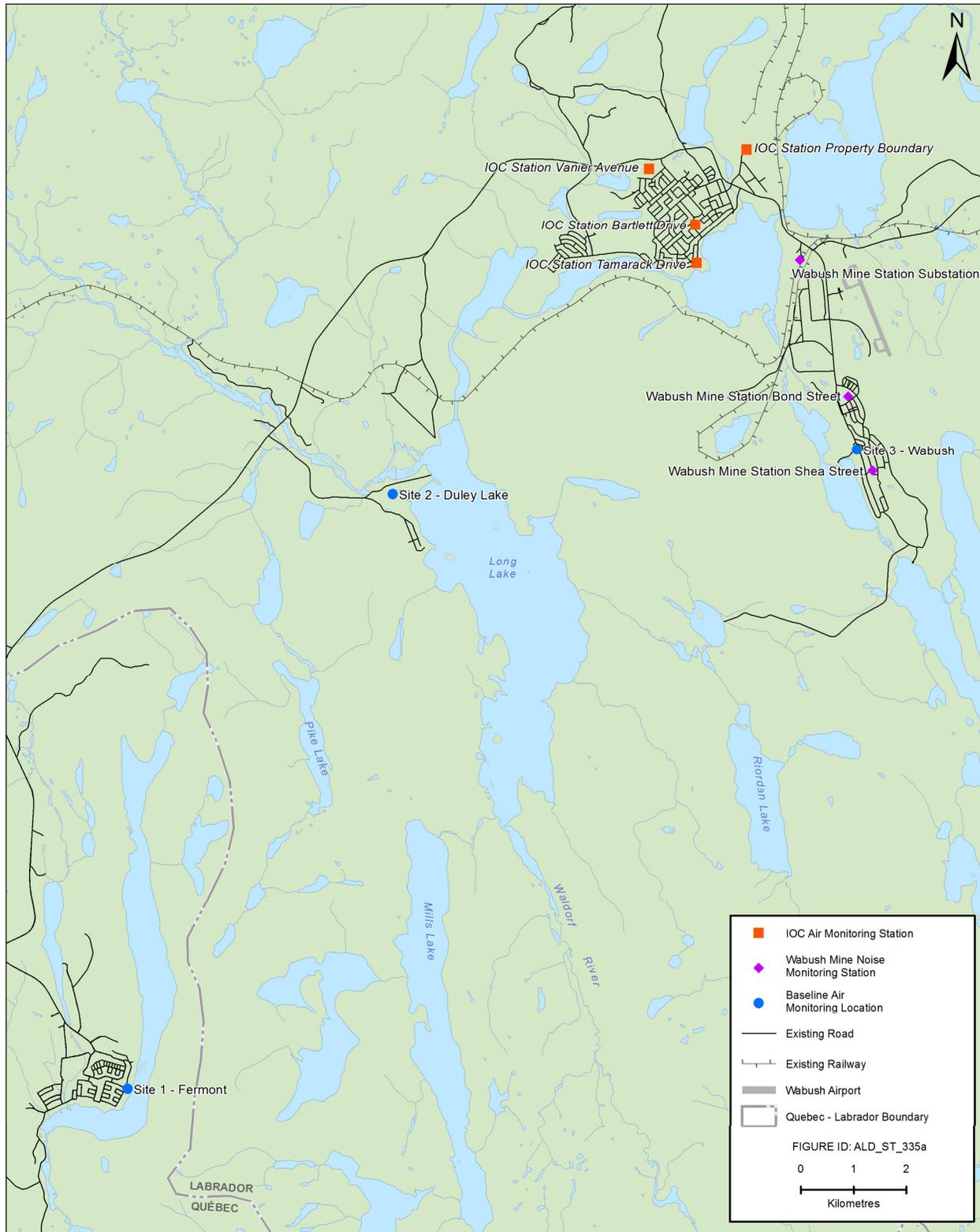
Fermont was selected as a monitoring site because of its proximity to the proposed mine site, and because little background information was readily available for this site. Monitoring sites are generally put in place to either provide surveillance of a source, or surveillance of the effect on a population group. If a site is located too close to an existing source, such as a highway, or industrial plant, the results are indicative primarily of that source, and may not reflect the exposure of the population. In Fermont, the intent was to avoid the immediate highway area, and to provide readings from a residential area that may be affected by the mine. At the site level, the requirements are access, security, and power. In Fermont, having identified the general area that would be most likely affected by the Project, the final selection was based on direct discussion with residents at locations that were deemed suitable. The resident at this location kindly offered to provide power and host the equipment during the sampling.

Duley Lake was selected because of its proximity to the mine. This location presented a challenge, as 110VAC was not available except by generator at or near the unpaved roads of the area. To avoid the bias of dust generation along the road, the samplers were located on a hill approximately 100 m from the nearest travelled road, and powered from lead-acid batteries. This worked well for the summer samples, but the winter samples were cancelled at this location. The site was difficult to access, and the lead-acid batteries were not able to provide enough power for operation of the samplers. The samplers were heated to operate in the extreme cold encountered during the winter sampling period.

Wabush was selected for the third location because a residential area is located in the predominantly downwind direction from the mine, is close to the proposed rail infrastructure, and is downwind for part of the time from the Wabush mine. Local site selection was based on access, security, power, and the cooperation of the resident, which was obtained for the first chosen candidate site.

3.1   Existing Air Quality

The open pit mine (Rose Pit) and associated workings are to be located in western Labrador, to the south of Labrador City, southwest of Wabush, and east of Fermont, Québec. Western Labrador is highly industrized with a number of mines currently operating within 250 km of the proposed Project location. These existing mines include:

- IOC Labrador Operations;
- Wabush Mines (Cliffs Resources)
- Mount Wright Mine (Arcelor Mital)
- Bloom Lake Mine and Rail Spur (Cliffs Resources)
- Schefferville Iron Ore Mine (Labrador Iron Mines)
- DSO Iron Ore Project (Tata Steel Minerals Canada)

The locations of these mines are illustrated on Figure 3.2. As illustrated within this figure the operations of IOC and Wabush Mines lay the closest to the proposed Project site.

Particulate matter has been identified as the greatest air quality public concern for the Project. DOEC compiles an annual provincial ambient air quality monitoring report, that includes many communities across the province, including Labrador City and Wabush. The monitoring within each community is conducted via a joint effort with the provcinal and federal governments and local industries. Monthly maximum values for sulfur dioxide (SO_2), nitrogen dioxide (NO_2), total particulate matter (TSP) and particulate matter less than 2.5 microns in diameter ($PM_{2.5}$) are recorded, and any exceedances to provincial standards are identified.

A summary of the 2011 maximum and annual concentrations tabulated for seven monitoring sites in Labrador City and three in Wabush are presented in Table 3.2. Greater details are available in the Newfoundland and Labrador Department of Environment and Conservation's 2011 Annual Report (NLDEC 2012). All values are in units of $\mu g/m^3$.

Table 3.2   2011 Maximum 1-hr, 3-hr, 24-hr and Annual Average Air Contaminant Values for Labrador City and Wabush

City	Facility	SO_2				NO_2			TSP		$PM_{2.5}$
		1-hr	3-hr	24-hr	Annual	1-hr	24-hr	Annual	24-hr	Annual	24-hr
Labrador City	Indian Point	74.7	53.2	24.0	1.8	83.1	39.5	7.0	95.4	26.2	18.6
Labrador City	Town Depot	370.5	129.5	42.4	2.2	85.1	43.8	8.6	***145.6***	22.3	19.9
Labrador City	Smokey Mountain	44.9	36.3	10.6	1.3	89.0	69.7	19.4	93.5	13.8	10.0
Labrador City	Bartlett Drive	-	-	-	-	-	-	-	98.3	22.5	-
Labrador City	Hudson Drive	-	-	-	-	-	-	-	83.3	18.2	-
Labrador City	Tamarack Drive	-	-	-	-	-	-	-	***206.6***	31.4	-
Labrador City	Vanier Avenue	-	-	-	-	-	-	-	111.3	16.6	-
Wabush	Bond Street	49.2	30.6	11.9	2.8	-	-	-	-	-	15.2
Wabush	Shea Street	-	-	-		-	-	-	100.3	10.3	-
Wabush	Substation	-	-	-	-	-	-	-	***258***	21.9	-

* Substation accumulated 4 24-hour exceedances in 2011. Only the maximum yearly 24-hr exceedance shown

Provincial reporting demonstrates that, while total particulates do occasionally exceed standards in Western Labrador, the average air quality is good, and that SO_2 and NO_2 ambient concentrations are well below standard levels.

Figure 3.2   Location of Existing Mines in Western Labrador
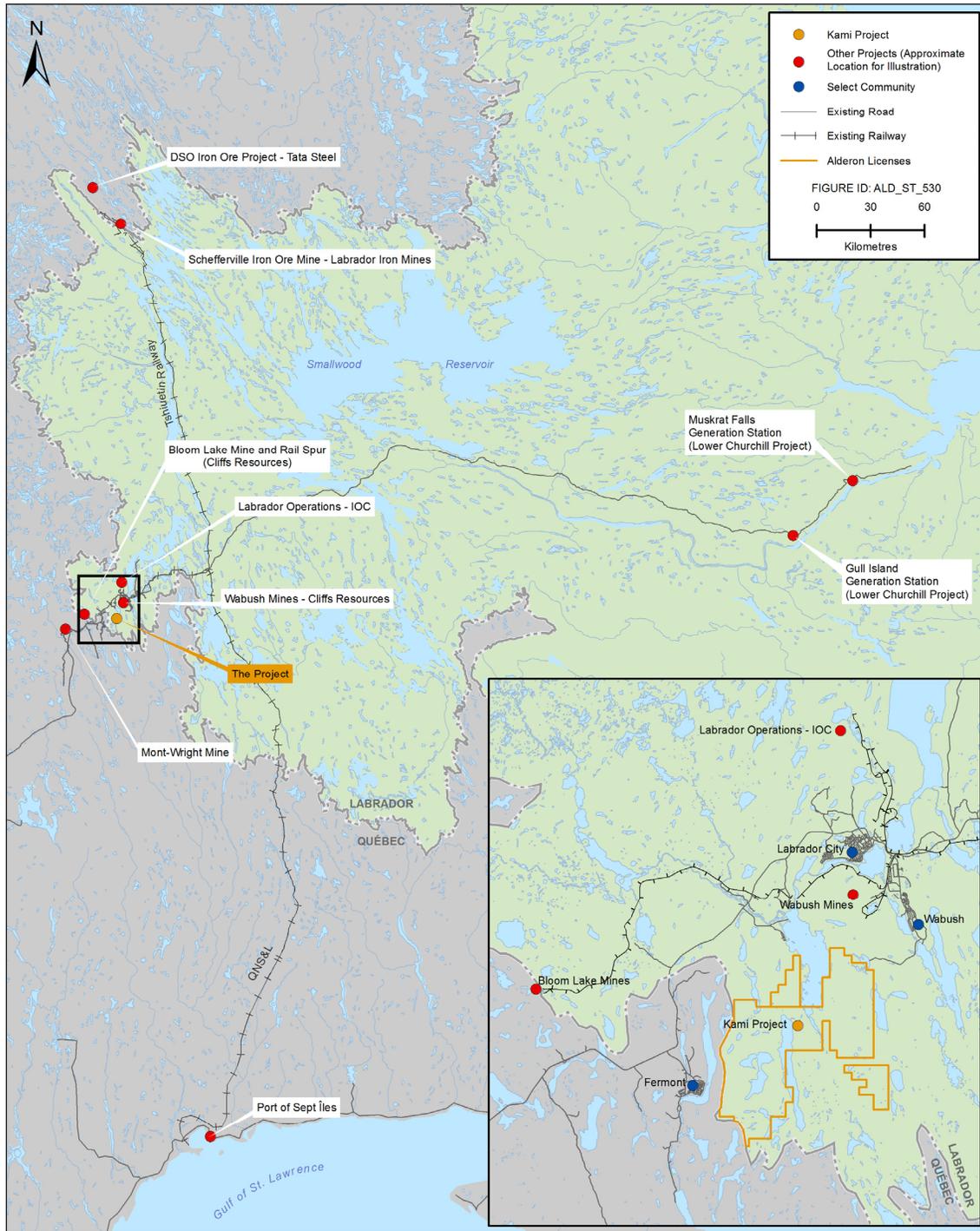
4.0 METHODS

4.1 Field Sampling Methods

The baseline air quality monitoring program consisted of measuring 24-hour concentrations of particulate matter less than 2.5 microns in diameter ($PM_{2.5}$) and particulate matter less than 10 microns in diameter (PM_{10}) at three different locations over two two-week monitoring periods. The first two-week monitoring event was conducted in July 2011 and is representative of summer conditions. The second two-week monitoring event was conducted in February 2012 and is representative of winter conditions. The air quality monitoring locations used for this study were the same as those discussed above.

The concentrations of $PM_{2.5}$ and PM_{10} were measured using a PQ100 EPA approved particulate matter sampling system. Two samplers, one to measure $PM_{2.5}$ and another to measure PM_{10}, were set up at each monitoring site over each of the two-week monitoring periods, which lasted from July 6 to July 19, 2011 for the summer event and from February 14 to February 27, 2012 for the winter period.

During the summer monitoring period a total of thirteen 24-hour monitoring events for both $PM_{2.5}$ and PM_{10} were obtained at Sites 1 and 3 and a total of twelve at Site 2. Issues, including external battery failure and sampler malfunctions, resulted in the loss of one day's worth of data at each of Sites 1 and 3 and two days at Site 2.

During the winter monitoring period a total of fourteen 24-hour monitoring events for both $PM_{2.5}$ and PM_{10} were obtained at Sites 1 and 3. However, due to access limitations and issues with external battery power related to extremely low ambient air temperatures, as discussed above, sampling was not conducted at Site 2 during the winter monitoring period.

Although 24-hour data is often collected on the National Air Pollution Surveillance schedule (NAPS) in other programs, such samples are only run on an every 6th day basis. In order to make maximum use of field staff, the samples in this program were obtained every day. Sample exchanges occurred mid-day to mid-day; it was not considered possible to exchange samples and maintain equipment at midnight.

4.2 Data Analysis

Upon completion of both field monitoring periods, summer and winter, all particulate samples were sent to Maxxam Analytics for analysis. Upon receiving the final particulate weights from the lab, calculations were performed to determine the 24-hour concentrations of $PM_{2.5}$ and PM_{10} for each monitoring day at each monitoring site. Meteorological data was also acquired from Wabush ariport for each monitoring day, including wind direction and speed, temperature, humidity and general weather conditions (i.e., rain, sun, cloud) (Environment Canada 2012).

4.3 Quality Assurance/Quality Control Procedures

Samplers for the air monitoring program were rented from Akrulogic of Toronto, Ontario, a company used by several of Stantec's offices for like purposes. Samplers are calibrated on supply, and are equipped with diagnostic routines to indicate operations out of spec. The filters for the samples were obtained from Maxxam, which is an accredited laboratory with advanced QA/QC protocols for environmental samples. Computational results were evaluated by Stantec in the Dartmouth, Nova Scotia office by Stantec personnel and subject to senior review of computations.

5.0 STUDY OUTPUTS

5.1 Summer Monitoring Period

The results of the summer air quality monitoring period for $PM_{2.5}$, along with recorded meteorological data, are provided in Table 5.1. The 24-hour regulation for $PM_{2.5}$, as per the Newfoundland and Labrador Air Pollution Control Regulations, is 25 µg/m^3. For Fermont, Quebec Clean Air Regulations (CAR) for $PM_{2.5}$ is 30 µg/m^3.

Table 5.1   24-hour Concentrations of $PM_{2.5}$ – Summer Baseline Monitoring Period

Station	Sample	Date	Particulate Concentration (ug/m^3)	Daily Average Vector Wind Direction	Weather
Site 1 (Fermont)	PM2.5-1-1	6-Jul-11	nd	272	Rain Showers
Site 1 (Fermont)	PM2.5-1-2	7-Jul-11	nd	39	Mostly Cloudy
Site 1 (Fermont)	PM2.5-1-3	8-Jul-11	nd	22	Rain Showers
Site 1 (Fermont)	PM2.5-1-4	9-Jul-11	nd	349	Rain, Fog
Site 1 (Fermont)	PM2.5-1-5	10-Jul-11	nd	344	Mainly Clear
Site 1 (Fermont)	PM2.5-1-6	11-Jul-11	nd	43	Rain Showers
Site 1 (Fermont)	PM2.5-1-7	13-Jul-11	nd	7	Mostly Cloudy
Site 1 (Fermont)	PM2.5-1-8	14-Jul-11	nd	296	Mostly Cloudy
Site 1 (Fermont)	PM2.5-1-9	15-Jul-11	13	307	Mainly Clear
Site 1 (Fermont)	PM2.5-1-10	16-Jul-11	nd	8	Mainly Clear
Site 1 (Fermont)	PM2.5-1-11	17-Jul-11	21	216	Rain Showers
Site 1 (Fermont)	PM2.5-1-12	18-Jul-11	nd	321	Mostly Cloudy
Site 1 (Fermont)	PM2.5-1-13	19-Jul-11	nd	306	Mainly Clear
Site 2 (Duley Lake)	PM2.5-2-1	6-Jul-11	nd	270	Rain Showers
Site 2 (Duley Lake)	PM2.5-2-2	7-Jul-11	nd	35	Mostly Cloudy
Site 2 (Duley Lake)	PM2.5-2-3	8-Jul-11	nd	26	Rain Showers
Site 2 (Duley Lake)	PM2.5-2-4	9-Jul-11	17	349	Rain, Fog
Site 2 (Duley Lake)	PM2.5-2-5	10-Jul-11	nd	344	Mainly Clear
Site 2 (Duley Lake)	PM2.5-2-6	11-Jul-11	17	43	Rain Showers
Site 2 (Duley Lake)	PM2.5-2-7	12-Jul-11	nd	40	Rain

Station	Sample	Date	Particulate Concentration (ug/m^3)	Daily Average Vector Wind Direction	Weather
Site 2 (Duley Lake)	PM2.5-2-8	13-Jul-11	nd	10	Mostly Cloudy
Site 2 (Duley Lake)	PM2.5-2-9	14-Jul-11	nd	297	Mostly Cloudy
Site 2 (Duley Lake)	PM2.5-2-10	15-Jul-11	17	304	Mainly Clear
Site 2 (Duley Lake)	PM2.5-2-11	17-Jul-11	33	206	Rain Showers
Site 2 (Duley Lake)	PM2.5-2-12	19-Jul-11	nd	306	Mainly Clear
Site 3 (Wabush)	PM2.5-3-1	7-Jul-11	nd	17	Mostly Cloudy
Site 3 (Wabush)	PM2.5-3-2	8-Jul-11	13	38	Rain Showers
Site 3 (Wabush)	PM2.5-3-3	9-Jul-11	19	35	Rain, Fog
Site 3 (Wabush)	PM2.5-3-4	10-Jul-11	21	339	Mainly Clear
Site 3 (Wabush)	PM2.5-3-5	11-Jul-11	17	49	Rain Showers
Site 3 (Wabush)	PM2.5-3-6	12-Jul-11	nd	39	Rain
Site 3 (Wabush)	PM2.5-3-7	13-Jul-11	nd	7	Mostly Cloudy
Site 3 (Wabush)	PM2.5-3-8	14-Jul-11	17	296	Mostly Cloudy
Site 3 (Wabush)	PM2.5-3-9	15-Jul-11	nd	307	Mainly Clear
Site 3 (Wabush)	PM2.5-3-10	16-Jul-11	nd	5	Mainly Clear
Site 3 (Wabush)	PM2.5-3-11	17-Jul-11	21	220	Rain Showers
Site 3 (Wabush)	PM2.5-3-12	18-Jul-11	nd	323	Mostly Cloudy
Site 3 (Wabush)	PM2.5-3-13	19-Jul-11	nd	304	Mainly Clear

*nd = non-detect

One exceedance (33 μg/m^3) of the provincial PM$_{2.5}$ regulation was recorded on July 17 at Site 2, Duley Lake. The average daily wind direction for this day was from the south south west. As there is no industrial activity occurring in this direction to result in an exceedance of the PM$_{2.5}$ standard, there is no clear explanation for this exceedance. There are, however, ATV trails in this area and it is possible that dust related to ATV use on a gravel road contributed to in this exceedance.

The results of the summer air quality monitoring period for PM$_{10}$, along with recorded meteorological data, are provided in Table 5.2. The 24-hour regulation for PM$_{10}$, as per the Newfoundland and Labrador Air Pollution Control Regulations, is 50 μg/m^3. Quebec has no standard for PM$_{10}$ concentrations.

Table 5.2   24-hour Concentrations of PM$_{10}$ – Summer Baseline Monitoring Period

Station	Sample	Date	Particulate Concentration (ug/m^3)	Vector Wind Direction	Weather
Site 1 (Fermont)	PM10-1-1	6-Jul-11	nd	272	Rain Showers
Site 1 (Fermont)	PM10-1-2	7-Jul-11	nd	39	Mostly Cloudy
Site 1 (Fermont)	PM10-1-3	8-Jul-11	nd	22	Rain Showers
Site 1 (Fermont)	PM10-1-4	9-Jul-11	13	349	Rain, Fog
Site 1 (Fermont)	PM10-1-5	10-Jul-11	13	344	Mainly Clear

Station	Sample	Date	Particulate Concentration (ug/m^3)	Vector Wind Direction	Weather
Site 1 (Fermont)	PM10-1-6	11-Jul-11	13	43	Rain Showers
Site 1 (Fermont)	PM10-1-7	13-Jul-11	nd	7	Mostly Cloudy
Site 1 (Fermont)	PM10-1-8	14-Jul-11	13	296	Mostly Cloudy
Site 1 (Fermont)	PM10-1-9	15-Jul-11	25	307	Mainly Clear
Site 1 (Fermont)	PM10-1-10	16-Jul-11	25	8	Mainly Clear
Site 1 (Fermont)	PM10-1-11	17-Jul-11	13	216	Rain Showers
Site 1 (Fermont)	PM10-1-12	18-Jul-11	13	321	Mostly Cloudy
Site 1 (Fermont)	PM10-1-13	19-Jul-11	13	306	Mainly Clear
Site 2 (Duley Lake)	PM10-2-1	6-Jul-11	13	270	Rain Showers
Site 2 (Duley Lake)	PM10-2-2	7-Jul-11	nd	35	Mostly Cloudy
Site 2 (Duley Lake)	PM10-2-3	8-Jul-11	13	26	Rain Showers
Site 2 (Duley Lake)	PM10-2-4	9-Jul-11	13	349	Rain, Fog
Site 2 (Duley Lake)	PM10-2-5	10-Jul-11	nd	344	Mainly Clear
Site 2 (Duley Lake)	PM10-2-6	11-Jul-11	13	43	Rain Showers
Site 2 (Duley Lake)	PM10-2-7	12-Jul-11	nd	40	Rain
Site 2 (Duley Lake)	PM10-2-8	13-Jul-11	nd	10	Mostly Cloudy
Site 2 (Duley Lake)	PM10-2-9	14-Jul-11	nd	297	Mostly Cloudy
Site 2 (Duley Lake)	PM10-2-10	15-Jul-11	nd	304	Mainly Clear
Site 2 (Duley Lake)	PM10-2-11	17-Jul-11	nd	206	Rain Showers
Site 3 (Wabush)	PM10-3-1	7-Jul-11	nd	17	Mostly Cloudy
Site 3 (Wabush)	PM10-3-2	8-Jul-11	nd	38	Rain Showers
Site 3 (Wabush)	PM10-3-3	9-Jul-11	nd	35	Rain, Fog
Site 3 (Wabush)	PM10-3-4	10-Jul-11	13	339	Mainly Clear
Site 3 (Wabush)	PM10-3-5	11-Jul-11	25	49	Rain Showers
Site 3 (Wabush)	PM10-3-6	12-Jul-11	nd	39	Rain
Site 3 (Wabush)	PM10-3-7	13-Jul-11	17	7	Mostly Cloudy
Site 3 (Wabush)	PM10-3-8	14-Jul-11	46	296	Mostly Cloudy
Site 3 (Wabush)	PM10-3-9	15-Jul-11	58	307	Mainly Clear
Site 3 (Wabush)	PM10-3-10	16-Jul-11	21	5	Mainly Clear
Site 3 (Wabush)	PM10-3-11	17-Jul-11	21	220	Rain Showers
Site 3 (Wabush)	PM10-3-12	18-Jul-11	21	323	Mostly Cloudy
Site 3 (Wabush)	PM10-3-13	19-Jul-11	nd	304	Mainly Clear

*nd = non-detect

One exceedance (58 μg/m^3) of the provincial PM$_{10}$ regulation was recorded on July 15 at Site 3, Wabush. The average daily wind direction for this day was from the north north-west direction.

5.2 Winter Monitoring Period

The results of the winter air quality monitoring period for PM$_{2.5}$, along with recorded meteorological data, are provided in Table 5.3

Table 5.3   24-hour Concentrations of PM$_{2.5}$ – Winter Baseline Monitoring Period

Station	Sample	Date	Particulate Concentration (ug/m^3)	Vector Wind Direction	Weather
Site 1 (Fermont)	PM2.5-1-1	14-Feb-12	nd	214	snow
Site 1 (Fermont)	PM2.5-1-2	15-Feb-12	nd	263	snow
Site 1 (Fermont)	PM2.5-1-3	16-Feb-12	25	190	snow
Site 1 (Fermont)	PM2.5-1-4	17-Feb-12	nd	155	snow
Site 1 (Fermont)	PM2.5-1-5	18-Feb-12	nd	164	snow
Site 1 (Fermont)	PM2.5-1-6	19-Feb-12	nd	296	snow
Site 1 (Fermont)	PM2.5-1-7	20-Feb-12	nd	272	Mainly Clear
Site 1 (Fermont)	PM2.5-1-8	21-Feb-12	nd	192	snow
Site 1 (Fermont)	PM2.5-1-9	22-Feb-12	nd	45	snow
Site 1 (Fermont)	PM2.5-1-10	23-Feb-12	nd	92	snow
Site 1 (Fermont)	PM2.5-1-11	24-Feb-12	13	163	snow
Site 1 (Fermont)	PM2.5-1-12	25-Feb-12	nd	45	snow
Site 1 (Fermont)	PM2.5-1-13	26-Feb-12	nd	289	Ice Crystals
Site 1 (Fermont)	PM2.5-1-14	27-Feb-12	29	229	Clear
Site 3 (Wabush)	PM2.5-3-1	14-Feb-12	nd	214	snow
Site 3 (Wabush)	PM2.5-3-1	15-Feb-12	nd	263	snow
Site 3 (Wabush)	PM2.5-3-1	16-Feb-12	nd	190	snow
Site 3 (Wabush)	PM2.5-3-1	17-Feb-12	nd	155	snow
Site 3 (Wabush)	PM2.5-3-1	18-Feb-12	nd	164	snow
Site 3 (Wabush)	PM2.5-3-1	19-Feb-12	nd	296	snow
Site 3 (Wabush)	PM2.5-3-1	20-Feb-12	13	272	Mainly Clear
Site 3 (Wabush)	PM2.5-3-1	21-Feb-12	nd	192	snow
Site 3 (Wabush)	PM2.5-3-1	22-Feb-12	nd	45	snow
Site 3 (Wabush)	PM2.5-3-1	23-Feb-12	nd	92	snow
Site 3 (Wabush)	PM2.5-3-1	24-Feb-12	nd	163	snow
Site 3 (Wabush)	PM2.5-3-1	25-Feb-12	nd	45	snow
Site 3 (Wabush)	PM2.5-3-1	26-Feb-12	nd	289	Ice Crystals
Site 3 (Wabush)	PM2.5-3-1	27-Feb-12	nd	229	Clear
QAQC	PM2.5	27-Feb-12	0	N/A	N/A

*nd = non-detect

No exceedances of provincial PM$_{2.5}$ regulations were recorded at any site.

The results of the winter air quality monitoring period for PM$_{10}$, along with recorded meteorological data, are provided in Table 5.4.

Table 5.4   24-hour Concentrations of PM$_{10}$ – Winter Baseline Monitoring Period

Station	Sample	Date	Particulate Concentration (ug/m^3)	Vector Wind Direction	Weather
Site 1 (Fermont)	PM10-1-1	14-Feb-12	nd	214	snow
Site 1 (Fermont)	PM10-1-2	15-Feb-12	17	263	snow
Site 1 (Fermont)	PM10-1-3	16-Feb-12	nd	190	snow
Site 1 (Fermont)	PM10-1-4	17-Feb-12	nd	155	snow
Site 1 (Fermont)	PM10-1-5	18-Feb-12	nd	164	snow
Site 1 (Fermont)	PM10-1-6	19-Feb-12	nd	296	snow
Site 1 (Fermont)	PM10-1-7	20-Feb-12	nd	272	Mainly Clear
Site 1 (Fermont)	PM10-1-8	21-Feb-12	nd	192	snow
Site 1 (Fermont)	PM10-1-9	22-Feb-12	nd	45	snow
Site 1 (Fermont)	PM10-1-10	23-Feb-12	13	92	snow
Site 1 (Fermont)	PM10-1-11	24-Feb-12	17	163	snow
Site 1 (Fermont)	PM10-1-12	25-Feb-12	nd	45	snow
Site 1 (Fermont)	PM10-1-13	26-Feb-12	nd	289	Ice Crystals
Site 1 (Fermont)	PM10-1-14	27-Feb-12	13	229	Clear
Site 3 (Wabush)	PM10-3-1	14-Feb-12	nd	214	snow
Site 3 (Wabush)	PM10-3-2	15-Feb-12	nd	263	snow
Site 3 (Wabush)	PM10-3-3	16-Feb-12	nd	190	snow
Site 3 (Wabush)	PM10-3-4	17-Feb-12	nd	155	snow
Site 3 (Wabush)	PM10-3-5	18-Feb-12	nd	164	snow
Site 3 (Wabush)	PM10-3-6	19-Feb-12	nd	296	snow
Site 3 (Wabush)	PM10-3-7	20-Feb-12	nd	272	Mainly Clear
Site 3 (Wabush)	PM10-3-8	21-Feb-12	nd	192	snow
Site 3 (Wabush)	PM10-3-9	22-Feb-12	nd	45	snow
Site 3 (Wabush)	PM10-3-10	23-Feb-12	nd	92	snow
Site 3 (Wabush)	PM10-3-11	24-Feb-12	nd	163	snow
Site 3 (Wabush)	PM10-3-12	25-Feb-12	nd	45	snow
Site 3 (Wabush)	PM10-3-13	26-Feb-12	nd	289	Ice Crystals
Site 3 (Wabush)	PM10-3-14	27-Feb-12	nd	229	Clear
QAQC	PM10	27-Feb-12	0	N/A	N/A

*nd = non-detect

No exceedances of the provincial regulation were recorded during the winter monitoring round for PM$_{10}$.

The above tabulated results, for both summer and winter monitoring periods, have also been graphically illustrated in a concentration versus wind direction plot diagram for each monitoring site. These figures are included in Appendix B.

The air quality in the Project Area meets the objectives and guidelines for PM_{10} and $PM_{2.5}$ except on rare occasion, some of which may be related to activities adjacent or in the general vicinity of the sampler.

6.0   INFORMATION SOURCES

Environment Canada. 2012. Canadian Climate Normals or Averages 1971 – 2000. As acquired from http://www.climate.weatheroffice.gc.ca/climate_normals/index_e.html.

NLDEC (Newfoundland and Labrador Department of Environment and Conservation). 2012. *2011 Ambient Air Monitoring Report*.

APPENDIX A

Air Dispersion Modelling Study

1.0 PROJECT EMISSIONS

1.1 Construction

1.1.1 Activities

During the construction of the Project the following activities will be implemented:

- Site preparation (includes clearing, excavation, material haulage, grading, removal of overburden and stockpiling);
- Construction of infrastructure (including roads, maintenance facilities, offices, plant, crushers, concentrator, conveyors, gatehouse, pumphouses, substation, security fencing, sanitation system, mine tailings management facility, railway and load-out facility, power line, stream crossings);
- Onsite vehicle operation and transportation of personnel and goods to the site;
- Installation of utilities; and
- Commissioning.

During the construction of the Project, emissions of air contaminants will result from site preparation activities, construction of roads, site buildings and associated infrastructure, the construction of the tailings management facility (TMF) and railway and load out facilities. These emissions include particulate matter (TSP, PM_{10} and $PM_{2.5}$) and combustion gases (CO, NO_x, SO_2) through the combustion of fuel in construction equipment and emissions of particulate matter, or "dust" (TSP, PM_{10} and $PM_{2.5}$) through the operation of heavy earth moving equipment handling overburden and traveling on unpaved roads. On-road vehicle traffic associated with onsite activities will also generate air emissions through the combustion of fuel and travel on unpaved roads.

The areas of the Project that will require site preparation include the waste rock disposal areas, the process plant and concentrator site, railway line and site roads, the crushed ore stockpile areas and the TMF. Site preparation activities will involve site clearing and grading and will involve the use of various earth moving and excavating equipment. During the construction of site roads and infrastructure a number of different diesel operated equipment will be in use, including but limited to, mobile cranes, boom trucks, generators, dump trucks, cement plants and mixers, and numerous pick-up trucks.

During the construction of the Project it is intended that power will be supplied by Nalcor. If this power supply is not available at the start of construction, temporary power will be supplied by use of diesel powered gensets.

An estimate of the equipment that would be required to complete the construction activities described above is provided in the following section (Section 1.1.2).

1.1.2   Equipment

During the construction phase of the Project, the majority of the air emissions will result from the combustion of diesel fuel from construction and transportation equipment. The movement of construction machinery and equipment on gravel roads, site clearing and grading activities, and on-site concrete production will also result in fugitive emissions of particulate matter.

As the pre-FEED and FEED studies for this Project are yet to be completed, the equipment lists presented below are subject to change. The exact type and quantities of equipment to be used during the construction of the Project are based on the information known to date.

Table 1.1 summarizes the type, quantity, and assumed operational times of construction equipment required during the construction phase of the Project, as described in the above section (Section 1.1.1).

Table 1.1   Construction Equipment and Operating Times

Equipment	Number	Operating Hours (hr)	Horsepower (hp)	Total hp-hr
General				
Mobile cranes - 200 t	3	2016	536	3,241,728
Boom truck	20	2016	410	16,531,200
Earth moving equipment	35	2016	400	28,224,000
Dump Truck	5	2016	470	4,737,600
Diesel generator	5	2016	2680	27,014,400
Cement plant	1	2016	250	504,000
Cement mixer	2	2016	350	1,411,200
Rail				
Blasting drill rig	2	2016	225	907,200
Dump truck	17	2016	470	16,107,840
Bulldozer	6	2016	263	3,181,248
Hydraulic excavator	8	2016	523	8,434,944
Grader	2	2016	260	1,048,320
Roller compactor	3	2016	354	2,140,992
Front end wheeled loader	5	2016	369	3,719,520
Diesel generator	2	2016	2680	10,805,760
Boom crane	2	2016	300	1,209,600
Boom truck	2	2016	410	1,653,120
Rail equipment (diesel engine)	7	2016	300	4,233,600
Tractor backhoe/loader	5	2016	100	1,008,000
TMF				
Hydraulic excavator	1	2016	523	1,054,368
Earth moving equipment	2	2016	400	1,612,800
Drill	6	2016	50	604,800

Equipment	Number	Operating Hours (hr)	Horsepower (hp)	Total hp-hr
Tractor backhoe/loader	1	2016	100	201,600
Bulldozer	2	2016	263	1,060,416
Vibratory roller	1	2016	174	350,784
Sheepsfoot roller	2	2016	174	701,568
Dump Truck	2	2016	470	1,895,040

Equipment required for materials and personnel transportation are listed in Table 1.2. The roundtrip distance for all construction activities was assumed to be 5 km and occur 20 times per day. Transportation activities are expected to last 12 months.

Table 1.2   Transportation Equipment used during the Construction Phase

Vehicle Type	Number of vehicles	Total Roundtrips	Roundtrip distance (km)	Total Fuel Consumed (L)
General				
Light duty truck	5	33,600	5	17,522
Tankers	2	13,440	5	20,758
Flat-bed truck	5	33,600	5	51,895
Multi-axle trailers	5	33,600	5	51,895
Rail				
Light duty trucks	15	100,800	5	52,567
Personnel bus	5	33,600	5	71,266
Water truck	1	6,720	5	6,404
Fuel truck	1	6,720	5	6,404
Concrete truck	2	13,440	5	20,758
Rail welding supply truck	1	6,720	5	6,404
Rail boom truck	1	6,720	5	6,404
TMF				
Haul truck	5	33,600	5	51,895

1.1.3   Emissions

Emissions of CACs during the construction phase of the project for construction equipment are presented in Table 1.3.

Table 1.3   Estimated Construction Equipment Emissions of CACs during Project Construction

Equipment	CAC Contaminant (tonnes)			
	CO	NO$_x$	SO$_2$	PM
General				
Mobile cranes - 200 t	2.8	8.12	0.37	0.39
Boom truck	19.5	43.26	1.91	3.31
Earth moving equip.	38.0	73.89	3.26	5.79
Dump Truck	6.5	12.42	0.55	1.04
Diesel generator	67.5	159.44	3.87	8.59
Cement plant	0.6	1.32	0.06	0.10
Cement mixer	1.1	3.53	0.16	0.16
Rail				
Blasting drill rig	0.7	2.27	0.10	0.11
Dump truck	22.1	42.22	1.86	3.54
Bulldozer	3.8	8.33	0.37	0.68
Hydraulic excavator	11.3	22.08	0.97	1.73
Grader	1.3	2.75	0.12	0.22
Roller compactor	2.8	5.60	0.25	0.42
Front end wheeled loader	7.3	11.29	0.50	1.25
Diesel generator	27.0	63.78	1.55	3.43
Boom crane	0.9	3.03	0.14	0.15
Boom truck	2.0	4.33	0.19	0.33
Rail equipment (diesel engine)	8.3	12.85	0.57	1.40
Tractor backhoe/loader	2.3	3.06	0.14	0.51
TMF				
Hydraulic excavator	1.4	2.76	0.12	0.22
Earth moving equip.	2.2	4.22	0.19	0.33
Drill	1.0	2.87	0.08	0.13
Tractor backhoe/loader	0.5	0.61	0.03	0.10
Bulldozer	1.3	2.78	0.12	0.23
Vibratory roller	0.5	0.92	0.04	0.07
Sheepsfoot roller	0.9	1.84	0.08	0.14
Dump Truck	2.6	4.97	0.22	0.42
Total	**236**	**505**	**18**	**35**

Emissions factors for the equipment listed above were acquired from the United States Environmental Protection Agency (US EPA) Non-road Program (US EPA 2010b) and the US EPA AP-42 Chapter 3.3, Gasoline and Diesel Industrial Engines (US EPA 1996). The operational time for all equipment was assumed to be 6 months, where a month was defined as 28 12-hour days. The model year for all equipment was assumed to be 2010, the sulfur content

of diesel was assumed to be 0.035% by weight, and the diesel generators were assumed to have a NO_x control of 54%.

CAC emissions during the construction phase of the project for material and personnel transportation are presented in Table 1.4. Emission factors for transportation vehicles were retrieved from Transport Canada's "Urban Transportation Emission Calculator (UTEC) (Transport Canada 2011).

Table 1.4   Estimated Transportation Emissions of CACs during Project Construction

Equipment	CAC Contaminant (tonnes)					
	SO_2	NO_x	CO	PM	PM_{10}	$PM_{2.5}$
General						
Light duty truck	0.74	80.98	1,574.16	2.62	2.59	1.17
Tankers	1.19	362.88	71.23	8.74	8.74	6.79
Flat bed truck	2.97	907.20	178.08	21.84	21.84	16.97
Multi-axle trailers	2.97	907.20	178.08	21.84	21.84	16.97
Rail						
Light duty trucks	2.23	242.93	4,722.48	7.86	7.76	3.52
Personnel bus	4.67	1,278.48	288.96	43.51	43.51	38.64
Water truck	0.32	69.22	15.76	2.27	2.26	1.80
Fuel truck	0.32	69.22	15.76	2.27	2.26	1.80
Concrete truck	1.19	362.88	71.23	8.74	8.74	6.79
Rail welding supply truck	0.59	181.44	35.62	4.37	4.37	3.39
Rail boom truck	0.32	69.22	15.76	2.27	2.26	1.80
TMF						
Haul truck	2.97	907.20	178.08	21.84	21.84	16.97
Total	**21**	**5,439**	**7,345**	**148**	**148**	**117**

Particulate emissions from unpaved roads were estimated based on 2.5 km, 2.5 km and 5 km roundtrips between the open pit site and the waste rock facility, the tailings pond, and Labrador City, respectively. It was assumed that all vehicles weighed 40 tonnes, and that 98% of emissions were suppressed by water spraying. Particulate emissions released through site preparation were estimated based on building, access road, and railway dimensions outlined in the Project description, and an open pit area of 152,310 m^2. Particulate emissions from concrete production are estimated based on a peak consumption of 200 m^3 per day, for 28-day months, for 6 months. Emissions factors for dust emissions from unpaved roads were retrieved from Chapter 13.2.2 of the US EPA AP-42 "Unpaved Roads" (US EPA, 2006a). Emission factors for land moving were retrieved from Chapter 13.2.3 of the US EPA AP-42 "Heavy Construction Operations" (US EPA, 2010c). Particulate emission factors for concrete production were retrieved from Chapter 11.12 of the US EPA AP-42 "Concrete Batching" (US EPA, 2011).

Particulate emissions during the construction phase of the project for travel on unpaved roads, site preparation, and concrete production are presented Table 1.5.

Table 1.5   Estimated Particulate Emissions for Travel Unpaved Roads, Site Preparation and Concrete Production

Emission Activity	TSP	PM$_{10}$	PM$_{2.5}$
Unpaved Road	1077	179	2.07
Site Preparation	116	-	-
Concrete Production	0.11	0.04	-
Total	**1193**	**179**	**2**

1.1.4   Summary

The total emissions of CACs from all construction activities identified in Sections 5.1.1, 5.1.2 and 5.1.3 is summarized below in Table 1.6.

Table 1.6   Total CAC Emissions from Project Construction Activities

Activity	Total CAC Emissions (tonnes)					
	CO	NO$_x$	SO$_2$	TSP	PM$_{10}$	PM$_{2.5}$
Transportation of equipment - general	2.00	2.26	0.008	0.055	0.055	0.042
Transportation of equipment - rail	5.17	2.27	0.010	0.071	0.071	0.058
Transportation of equipment - TMF	0.18	0.91	0.003	0.022	0.022	0.017
Equipment operation - general	135.9	302.0	10.2	19.4	--	--
Equipment operation – rail	89.9	181.6	6.8	13.8	--	--
Equipment operation – TMF	10.3	21.0	0.87	1.6	--	--
Unpaved roads	--	--	--	1,076.7	179.1	2.1
Fugitive dust (ground clearing)	--	--	--	115.7	--	--
Cement plant operation	--	--	--	0.11	0.04	--
Total	**243**	**510**	**18**	**1,227**	**179**	**2**

1.2   Operation and Maintenance

1.2.1   Activities

The operation of the Project will involve the following activities:

- Open pit mining (drilling and blasting);
- Ore and waste rock haulage;
- Processing of the extracted ore (crushing, conveying, storage, reclaiming, grinding, screening);
- Concentrator operations (gravity and magnetic separation, tailings dewatering, tailings thickener, concentrate conveying);
- Tailings disposal in TMF; and
- Rail load out and rail transport.

1.2.2   Equipment

Table 1.7 provides a list of the general mining equipment that will be in use during the operation of the Project, fuel consumption and utilization. The quantities of the equipment in use in any given year of operation will differ depending on the production rate and year of operation. It is expected that during the first four years of operation only one processing line will be in operation, with the second commencing in year 5. Based on information provided by Alderon it was determined that the year with the most mining equipment in operation would be that of year 5, therefore this equipment list was carried through the study. During the operation of the Project the majority of the operations will occur 24 hours a day seven days a week.

Table 1.7   Mining Equipment List for Project Operation and Fuel Consumption Information

Mining Equipment	Fuel consumption (L/h)	Utilization (%)	Quantity (Year 5)
Primary Equipment			
Shovel (Ore) (Bucyrus 395HR converted to Caterpillar 7395)	E	70	2
Shovel Komatsu PC5500	E	70	1
Shovel (Waste) (Bucyrus 495HD converted to Caterpillar 7495 HD)	E	70	1
Wheel Loader (CAT994)	144	70	2
Haul Truck (Komatsu 930E)	250	70	50
Blasthole Drill (Bucyrus 49HR converted to Caterpillar MD6640)	E	70	6
Secondary Equipment			
Wheel Dozer (Caterpillar 844)	64	70	3
Track Dozer (Caterpillar CAT D9)	60	70	2
Track Dozer (Caterpillar CAT D10)	85	70	4
Motor Grader (Caterpillar 16M)	42	70	3
Water Truck 20,000 gallons(Caterpillar CAT777F)	82	70	4
Auxiliary Equipment			
Air Track Drill (200 HP 80 to 100mm)	60	50	1
RC Drill (Explorac R50, Cubex QCR920)	E	50	1
Wheel Loader (Caterpillar 988H)	60	50	1
Service Truck (250 HP 22,000 GVW)	20	50	2
Forklifts 15 tones	10	50	1
Forklifts 2.5 tones	10	50	1
Pickup 3/4 Ton (4x4 crew cab Chevrolet 2500) Mine Ops.	10	50	6
Pickup 3/4 Ton (4x4 crew cab Chevrolet 2500) Maint.	10	50	4
Pickup 3/4 Ton (4x4 crew cab Chevrolet 2500) Eng.,Survey.,Geol.,	10	50	3
Pickup 3/4 Ton (4x4 crew cab Chevrolet 2500) Ore Cotrol, Samplers	10	50	2
Pickup 3/4 Ton (4x4 crew cab Chevrolet 2500) Blasting	10	50	3

Mining Equipment	Fuel consumption (L/h)	Utilization (%)	Quantity (Year 5)
Pickup 1 Ton (4x4 crew cab Chevrolet 2500) Flatbed	10	50	1
Pickup 1 Ton (4x4 crew cab Chevrolet 2500) Service Body	10	50	1
Water truck fill station	10	50	1
Light Plant (1000 w. diesel generator)	20	50	5
Dewatering Pump (250 HP electric submersible)	E	50	2
Mobile Pump (125 HP diesel)	20	50	1
Portable Generator 600kw	20	50	1
Aggregate Plant	50	50	1

Note: E - Electric

In addition to the mining equipment presented above, other pieces of equipment will be on site for activities such as steam generation and TMF, stockpile and railway maintenance, including but not limited to, boom trucks, dump trucks, graders, loaders, pick-ups, rollers, excavators, rail track tamper and rail ballast regulator.

1.2.3 Emissions

The main sources of air emissions from the above activities are the combustion of fuel in the equipment, which produces emissions of particulate matter (TSP, PM_{10}, $PM_{2.5}$) and combustion gases (SO_2, CO, NO_x), burning of No. 2 light fuel oil in boilers and the fugitive releases of dust from material handling and haul truck and vehicle travel on unpaved roads.

As defined by the United States Environmental Protection Agency (US EPA 1995), fugitive dust is dust that is released to the atmosphere from open sources, instead of being discharged to the atmosphere via a confined flow stream, and is created from the mechanical disturbance of granular material. Fugitive dust generally consists of three size ranges of particulate matter including, total suspended particulate (TSP) (particulate matter 30 microns or less in diameter), PM_{10} (particulate matter with a diameter of 10 micrometers or less) and $PM_{2.5}$ or fine particulate (particulate matter with a diameter of 2.5 micrometers or less).

During the operation of the Project fugitive releases of dust will occur through the following operational activities:

- Site preparation – through the handling of overburden and travel of dump trucks on gravel roads;

- Drilling and blasting within the Rose Pit mine;

- Material handling – through the loading and unloading of extracted ore and waste rock, stockpiling, reclaiming, conveying and conveyor transfer points and rail loading;

- Processing of the ore – crushing, grinding and screening;

- Unpaved roads – Vehicle and haul truck travel on unpaved roads; and

- Wind erosion – tailings pond, waste rock disposal areas, and the ROM and crushed ore stockpiles.

Emissions related to the operation of all mining and maintenance equipment, the railway and boilers were calculated using emission factors from the US EPA Non-road Program (US EPA 2010b), US EPA AP-42 Chapter 3.3, Gasoline and Diesel Industrial Engines (US EPA 1996), the US EPA AP-42 Chapter 1.3 Fuel Oil Consumption (US EPA 2010a), Transport Canada's "Urban Transportation Emission Calculator (UTEC) (Trasnport Canada 2011) and Transport Canada's Lomotive Emissions Monitoring Program (Transport Canada 2006). The estimated emissions based on the operation of this equipment are presented in Table 1.8.

Table 1.8   CAC Emissions during Project Operation – Mining & Maintenance Equipment, Railway and Boilers

Equipment	Emissions of CACs (tonnes/yr)					
	CO	NO$_x$	SO$_2$	TSP	PM$_{10}$	PM$_{2.5}$
Primary Mining Equipment						
Wheel Loader	1.89	2.74	0.94	1.45	1.39	1.30
Haul Truck	477.00	936.00	32.30	77.00	73.92	69.30
Secondary Mining Equipment						
Wheel Dozer (Caterpillar 844)	0.72	1.77	0.52	0.81	0.78	0.73
Track Dozer (Caterpillar CAT D9)	0.41	1.01	0.30	0.47	0.45	0.42
Track Dozer (Caterpillar CAT D10)	1.23	3.04	0.89	1.40	1.34	1.26
Motor Grader (Caterpillar 16M)	4.98	9.44	0.42	1.13	1.08	1.02
Water Truck 20,000 gallons (Caterpillar CAT777F)	4.60	20.21	0.10	0.66	0.63	0.59
Auxiliary Equipment						
Air Track Drill	0.09	3.27	0.11	0.17	0.16	0.15
Wheel Loader	0.25	0.37	0.13	0.19	0.19	0.17
Service Truck	3.77	0.19	0.00	0.00	0.00	0.00
Forklifts 15 tones	0.34	1.01	0.03	0.05	0.05	0.04
Forklifts 2.5 tones	0.34	1.01	0.03	0.05	0.05	0.04
Pickup 3/4 Ton Mine Ops.	2.05	0.11	0.00	0.00	0.00	0.00
Pickup 3/4 Ton Maint.	2.05	0.11	0.00	0.00	0.00	0.00
Pickup 3/4 Ton Eng.,Survey.,Geol.,	2.05	0.11	0.00	0.00	0.00	0.00
Pickup 3/4 Ton Ore Cotrol, Samplers	2.05	0.11	0.00	0.00	0.00	0.00
Pickup 3/4 Ton Blasting	2.05	0.11	0.00	0.00	0.00	0.00
Pickup 1 Ton Flatbed	2.05	0.11	0.00	0.00	0.00	0.00
Pickup 1 Ton Service Body	2.05	0.11	0.00	0.00	0.00	0.00
Water truck fill station (diesel pump)	0.66	3.08	0.20	0.00	0.01	0.00
Light Plant (1000 w. diesel generator)	5.25	6.55	0.28	0.68	0.65	0.61
Mobile Pump (125 HP diesel)	1.33	6.16	0.41	0.01	0.01	0.01
Portable Generator 600kw	1.33	6.16	0.41	0.01	0.01	0.01
Aggregate Plant	1.43	2.84	0.13	0.21	0.20	0.19

Equipment	Emissions of CACs (tonnes/yr)					
	CO	NO$_x$	SO$_2$	TSP	PM$_{10}$	PM$_{2.5}$
Tailings Management Facility Equipment						
Pickup Truck	2.05	0.11	0.00	0.00	0.00	0.00
Excavator	1.04	1.97	0.09	0.24	0.23	0.22
Boom Truck	2.29	4.54	0.20	0.33	0.32	0.30
Water Truck	0.08	0.36	0.00	0.01	0.01	0.01
Dump Truck	0.15	3.18	0.10	0.16	0.16	0.15
Loader	0.34	0.49	0.17	0.26	0.25	0.23
Dozer	0.20	0.48	0.14	0.22	0.21	0.20
Vibratory Roller	0.77	1.47	0.06	0.17	0.16	0.15
Sheepsfoot Roller	0.77	1.47	0.06	0.17	0.16	0.15
Boiler House						
Boiler (up to 5)	12.00	48.00	170.30	4.73	2.37	0.57
Railway						
Locomotives	4.81	34.28	0.12	0.89	0.89	0.89
Railway Inspector Pick-up Truck	0.21	0.11	0.00	0.00	0.00	0.00
Rail Ballast Regulator	0.11	0.11	0.00	0.02	0.02	0.01
Rail Track Tamper	0.11	0.11	0.00	0.02	0.02	0.01
Boom Truck	2.29	4.54	0.20	0.33	0.32	0.30
Total	**547.2**	**1,107**	**208.6**	**91.9**	**86.0**	**79.1**

The fugitive releases of particulate matter from the various Project activities were calculated using guidance and emission factors from the US EPA AP-42 Chapter 11.19.2 Crushed Stone Processing and Pulverized Mineral Processing (US EPA 2004), Chapter 11.23 Taconite Ore Processing (US EPA 1997), Chapter 11.24 Metallic Minerals Processing (US EPA 1982), Chapter 13.2.2 Unpaved Roads (US EPA 2006b), Chapter 13.2.4 Aggregate Handling and Storage Piles (US EPA 2006a) and US EPA AP-42 Appendix B2, Generalized Particulate Size Distributions (US EPA 1990).

Several measures for mitigating particulate emissions during the operation and maintenance of the Project are planned and include:

- Use of qualified blasting contractors with blast design plans that incorporate dust emission controls (e.g. blast mats);

- Use of dust suppressants on all gravel roads within the site boundaries, with emphasis on the haul truck routes from the Rose Pit mine to the waste rock disposal sites and the crusher buildings, to reduce fugitive dust emissions from truck travel on unpaved roads (approximately 3 tonnes of water for each pass);

- Construct the gravel roads using material with a low silt content;

- Use of a binder substance within the dust suppression application (e.g. calcium chloride) during drier periods of the year to aid in keeping the roads moist for longer periods of time;

- Use of covered conveyors when required to reduce fugitive releases of dust from the conveying (handling) of crushed ore and ore concentrate;

- Dust collection systems and/or wet sprays on all conveyor transfer points to reduce the fugitive releases of dust during the transfer of material;

- Dust collection system on the exhaust vents of both process plants;

- Water sprays on the crushed ore and ROM stockpiles;

- Implementation of a particulate monitoring program outside of the Project site boundaries;

- Progressive reclamation on the waste rock piles and in the TMF.

The estimated emissions based on the fugitive releases of particulate during Project operation are presented in Table 1.9, subject to the planned mitigation measures listed above.

Table 1.9   Estimated Fugitive Dust Releases during Project Operation

Activity	Fugitive Dust Emissions (tonnes/year)		
	TSP	PM_{10}	$PM_{2.5}$
Blasting	2.46	1.29	0.06
Drilling	1.10	1.10	1.10
Material Handling - Loading Mined Ore into Haul Trucks	34.37	16.27	2.46
Unpaved Road - Haul Truck Travel to Primary Crusher No.1	15.07	4.01	0.41
Unpaved Road - Haul Truck Travel to Primary Crusher No.2	43.20	11.54	1.14
Material Handling - Unloading of Mined Ore to Gyratory Crushers	34.37	16.27	2.46
Material Handling - Loading of Waste Rock to Haul Trucks	73.79	35.00	5.30
Unpaved Road - Haul Truck Travel to Rose North Disposal Area	10.03	2.65	0.25
Unpaved Road - Haul Truck Travel to Rose East Disposal Area	94.61	25.17	2.52
Material Handling - Unloading of Waste Rock	73.79	35.00	5.30
Wind Erosion - Rose North Waste Pile	1.80	0.88	0.35
Wind Erosion - Rose East Waste Pile	0.06	0.03	0.01
Wind Erosion - ROM Stockpile (Sm)	0.01	0.00	0.00
Wind Erosion - ROM Stockpile (Lg)	0.09	0.03	0.02
Crusher Buildings Vents	25.45	12.98	3.82
Material Handling - Loading to Crusher Conveyor	25.45	12.61	12.61
Material Handling - Conveying to Crushed Ore Stockpile	25.45	12.61	12.61
Material Handling - Stacking Conveyor	25.45	12.61	12.61

Activity	Fugitive Dust Emissions (tonnes/year)		
	TSP	PM$_{10}$	PM$_{2.5}$
Wind Erosion- Crushed Ore Stockpile 1	0.01	0.01	0.00
Wind Erosion - Crushed Ore Stockpile 2	0.01	0.01	0.00
Material Handling - Reclaim of Crushed Ore from Stockpile	127.41	63.07	63.07
Material Handling - Conveying of Reclaimed Crushed Ore to Process Plants	25.45	12.61	12.61
Process Plant Feeders	23.31	11.89	3.50
Process Plants - Grinding/Screening[3]	46.67	15.67	1.07
Material Handling - Final Concentrate Loading to Conveyor	9.59	4.79	4.79
Material Handling - Final Concentrate Conveying	9.59	4.79	4.79
Material Handling - Rail Car Loading	19.17	9.59	9.59
Wind Erosion - Tailings Pond	139.39	69.69	27.85
Total	**887.2**	**392.2**	**190.3**

1.2.4   Summary

The complete Project operation emissions inventory, including both the emissions related to the combustion of fuel in mining equipment and vehicles and the fugitive releases of particulate matter is summarized in Table 1.10

Table 1.10   Summary of Project CAC Emissions during Operation

Activity	Emissions of Various CACs (tonnes/yr)					
	CO	SO$_2$	NO$_X$	TSP	PM$_{10}$	PM$_{2.5}$
Mining and other Project Equipment	547.2	208.6	1106.8	91.9	86.0	79.1
Fugitive Emissions	-	-	-	887.1	392.2	190.3
Total Project Emissions	547.2	208.6	1,107	979.0	478.2	269.4

2.0   DISPERSION MODELLING

2.1   Dispersion Model Selection

Air dispersion modelling was conducted for the operation of the Project to predict ground level concentrations of those air contaminants of interest to this Project that could then be compared to Provincial and National guidelines.

The proposed Project is located within western Labrador and is therefore regulated by the Government of Newfoundland and Labrador. The Government of Newfoundland and Labrador, Department of Environment and Conservation, have developed a guidance document for dispersion modelling, "Guideline for Plume Dispersion Modelling" (2006). The document outlines those models approved by the department for the purpose of determining compliance with the provincial ambient air quality standards, the *Air Pollution Control Regulations*. The province's preferred model, when the following conditions are present, is CALPUFF:

- Long range transport (> 50 km);
- Overwater and coastal interaction effects; and
- Temporal analysis required.

CALPUFF is a non-steady state Lagrangian puff dispersion model that allows for and includes the following:

- Variable and curved pollutant trajectories;
- Variable meteorological conditions;
- Spatial variability to winds and turbulence fields
- Retention of previous hour emissions;
- Calm and low wind speed conditions;
- Causality effects;
- Chemical removal;
- Wet and dry deposition;
- Building downwash;
- Plume fumigation; and
- Complex terrain algorithms.

There are three major components to the CALPUFF model, CALMET (meteorological modelling package with both diagnostic and prognostic wind field generators), CALPUFF (a Gaussian puff dispersion model) and CALPOST (post processing program), as well as a series of pre-processors related to geophysical and meteorological parameters.

Specifics pertaining to the model domain, data pre-processing, CALMET, CALPUFF and CALPOST are described in detail in the following sub-sections. A copy of all modelling input files have been included in Attachment 1.

2.2 Model Domain

2.2.1 Computation Grid

The modelling domain, or computational grid, selected for this study consisted of a 40 km by 40 km grid with 1 km spacings, with south-west of the grid located at (NAD 83 Zone 19): 618,604 m easting; 5,838,387 m northing.

2.2.2 Receptor Grid

The receptor grid was designed based on the prescribed methodology in provinical modelling guideline (Government of NL 2006). Receptors were placed around the center of the Project with the following configuration:

- 50m spacing up to 1000 m from the center of the operation
- 100 m spacing up to 1500 m
- 200 m spacing up to 2500 m
- 500 m spacing up to 15000 m.

Receptors were also placed at 20 m intervals on the assumed property boundary, and at a 200 m spacing in residential areas.

In addition to the receptor grids described above, approximately 283 discrete receptors, representing nearby cabins and communities were incorporated into the model. These discrete receptor locations are listed in Attachment 2 and illustrated in Figure 2.1.

2.3 Geophysical Pre-processing

2.3.1 Overview

To initialize the CALMET model, terrain elevation and land use data depicting the geophysical conditions in the selected modelling domain are required. Terrain elevation data are used in CALMET in various model algorithms to characterize meteorological phenomena such as up- and down-slope flows and the steering of winds by terrain such as a river valley. In addition to the terrain elevation data, the CALMET model uses surface parameters such as surface roughness length, albedo, Bowen ratio, leaf area index, soil heat flux, and anthropogenic heat flux to estimate meteorological parameters such as surface heat flux and mechanical turbulence. In the model's geophysical pre-processor MAKEGEO, values for each of these surface parameters are specified based on input land use categories.

Figure 2.1   Discrete Receptor Locations used in Dispersion Modelling

2.3.2   Terrain Data

The geophysical processing was conducted using terrain data acquired from the shuttle radar topography mission (SRTM) (90 arcsecond).

2.3.3   Land Use Data

Land use is the classification of the different land types such as urban, forested, wetland, agricultural. Different land classifications can have localized influences on the meteorology of a region and in turn can influence plume dispersion. CALMET requires land use data in order to help characterize the meteorology of the region.

Land use data processed by the geophysical pre-processor were collected from Global Land Cover Characterization (version 2) (30 arcsecond).

2.4   CALMET

2.4.1   Overview

CALMET is the meteorological model that pre-processes meteorological data for input into the CALPUFF model. CALMET develops three-dimensional gridded hourly wind and temperature fields as well as two-dimensional fields such as mixing heights.

Options exist in CALMET to create an initial guess field either by interpolating observation data or by using output from a prognostic meteorological model, such as the NCAR/PSU mesoscale modelling system (MM4/MM5). The prognostic model data is usually run over a very large domain with much coarser resolution than that applied with CALMET. The advantage of using CALMET is that it can be used to interpolate the prognostic data to develop a 3-D fine scale first guess field of wind speeds and directions.

Typically, observations from the nearest representative upper air and surface stations are used alone or in conjunction with an initial guess field generated from a prognostic meteorological model. Alternatively, prognostic meteorological model data can also be used as the primary source of the meteorological input for processing by CALMET, as was the case here.

The version of CALMET used in this study, which also represents the newest version, is that of 6.334 (Level 110421).

2.4.2   Meteorological Data and Grid

As previously discussed, the modelling domain is located within western Labrador, to the south of Labrador City, southwest of Wabush, and east of Fermont, Québec. The nearest surface weather station is that of Wabush Airport and data for years 2006 to 2008 was acquired from Environment Canada for use in this study. As there are no upper air stations near the Project location itself, a Mesoscale Metrological Model (version 5) (MM5) dataset was procured from TRC Solutions for use in this study. The data set consisted of three years (2006, 2007, 2008) of MM5 data at 12 km resolution. A joint wind speed and direction frequency distribution diagram illustrating the Wabush airport data is presented in Figure 2.2.

The meteorological domain that was set up within CALMET (version 6.334 – level 110421) consisted of a 40 km by 40 km grid with 1 km spacings, with south-west of the grid located at (NAD 83 Zone 19): 618.604 m easting; 5838.387 m northing.

The vertical wind component within CALMET is defined at vertical cell faces. For this study the metrological grid was built using 10 vertical cell faces and 11 vertical cell heights, which are presented in Table 2.1.

Table 2.1   Vertical Cell Faces and Heights as Incorporated into CALMET

Cell Face	Cell Face Height (m)
1	0
2	20
3	40
4	80
5	160
6	320
7	640
8	1,200
9	2,000
10	3,000

2.5   CALPUFF

2.5.1   Overview

The following description of the CALPUFF model's major model algorithms and options are excerpts from the CALPUFF model's user manual.

The CALPUFF model is a non-steady-state Gaussian puff dispersion model which incorporates simple chemical transformation mechanisms, wet and dry deposition, complex terrain algorithms and building downwash. The CALPUFF model is suitable for estimating ground-level air quality concentrations on both local and regional scales, from tens of metres to hundreds of kilometers. It can accommodate arbitrarily varying point sources and gridded area source emissions. Most of the algorithms contain options to treat the physical processes at different levels of detail depending on the model application.

Figure 2.2   Joint Wind Speed and Direction Frequency Distribution
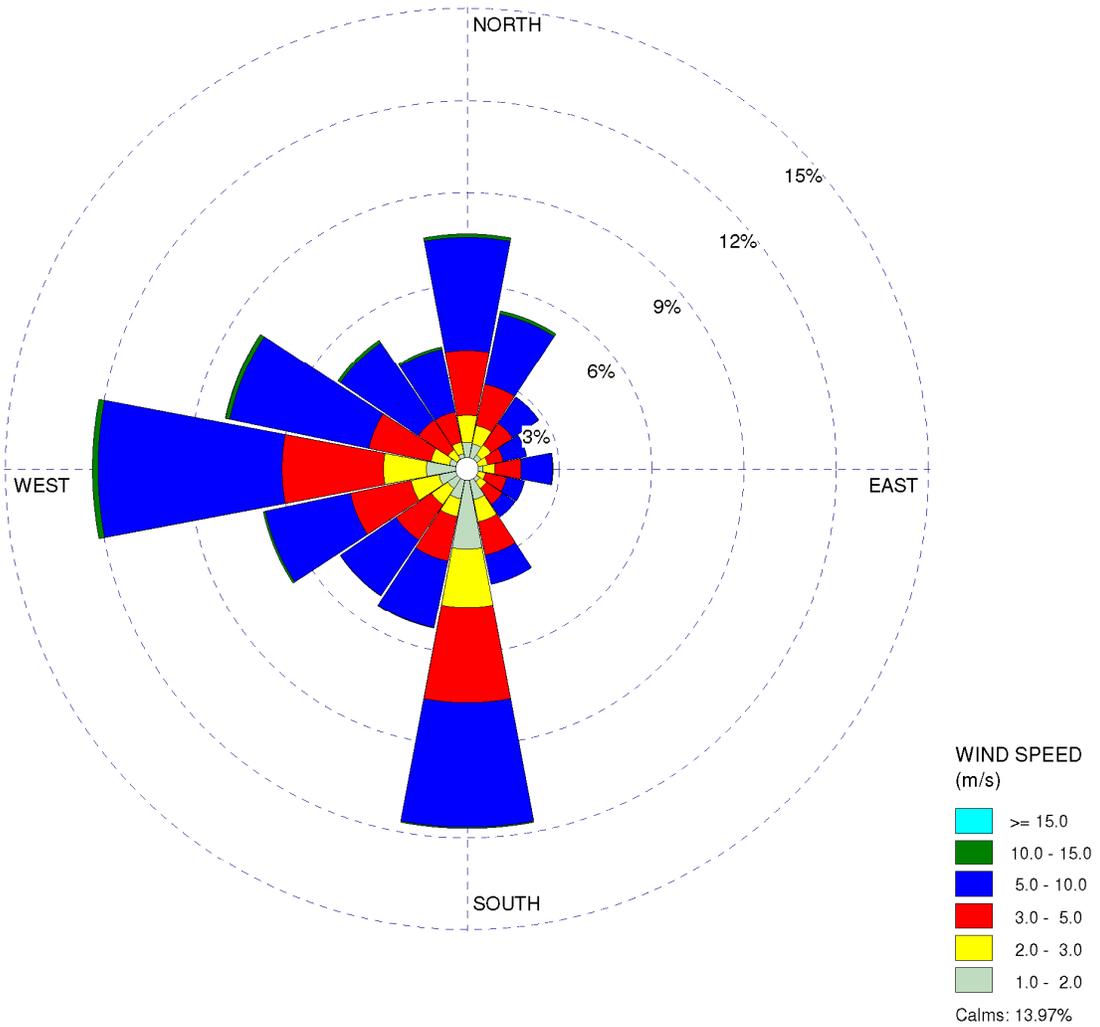
The major features and options of the CALPUFF model are summarized briefly as follows:

- Sub-grid Scale Complex Terrain: The complex terrain module in CALPUFF is based on the approach used in the Complex Terrain Dispersion Model (CTDMPLUS) (Perry *et al*. 1989). Plume impingement on sub-grid scale hills is evaluated using a dividing streamline (Hd) to determine which pollutant material is deflected around the sides of a hill (below Hd) and which material is advected over the hill (above Hd). Individual puffs are split into up to three sections for these calculations.

- Puff Sampling Functions: A set of accurate and computationally efficient puff sampling routines are included in CALPUFF which solve many of the computational difficulties with applying a puff model to near-field releases. For near-field applications during rapidly varying meteorological conditions, an elongated puff (slug) sampling function can be used. An integrated puff approached is used during less demanding conditions. Both techniques reproduce continuous plume results exactly under the appropriate steady state conditions.

- Wind Shear Effects: CALPUFF contains an optional puff splitting algorithm that allows vertical wind shear effects across individual puffs to be simulated. Differential rates of dispersion and transport occur on the puffs generated from the original puff, which under some conditions can substantially increase the effective rate of horizontal growth of the plume.

- Building Downwash: The Huber-Snyder and Schulman-Scire downwash models are both incorporated into CALPUFF. An option is provided to use either model for all stacks, or make the choice on a stack-by-stack and wind sector-by-wind sector basis. Both algorithms have been implemented in such a way as to allow the use of wind direction specific building dimensions.

- Over water and Coastal Interaction Effects: Because the CALMET meteorological model contains both over water and over land boundary layer algorithms, the effects of water bodies on plume transport, dispersion, and deposition can be simulated with CALPUFF. The puff formulation of CALPUFF is designed to handle spatial changes in meteorological and dispersion conditions, including the abrupt changes that occur at the coastline of a major body of water.

- Dispersion Coefficients: Several options are provided in CALPUFF for the computation of dispersion coefficients, including the use of turbulence measurements (σv and σw), the use of similarity theory to estimate σv and σw from modelled surface heat and momentum fluxes, or the use of Pasquill-Gifford (PG) or McElroy-Pooler (MP) dispersion coefficients, or dispersion equations based on the Complex Terrain Dispersion Model (CTDM). Options are provided to apply an averaging time correction or surface roughness length adjustment to the PG coefficients.

Unless otherwise specified, the model was run in the default mode.

The Lakes Environmental CALPUFF View Model Version 6.4 (CALPUFF Version 6.42 – Level 110325) was used here for modelling as it contains the latest CALPUFF model released by TRC in April 2011.

2.5.2   Air Contaminants

Under Section 7 of the NL modelling guidance document (Government of NL 2006) the following contaminants are to be modeled in regards to non-combustion sources and combustion sources:

- Carbon Monoxide (CO);

- Sulphur Dioxide (SO_2);

- Nitrogen Dioxide (NO_x);

- Total Suspended Particulate (TSP);

- Particulate Matter less than 10 microns (PM_{10}): and

- Particulate Matter less than 2.5 microns ($PM_{2.5}$);

Ground level concentrations have been predicted for all air contaminants listed above.

2.5.3   Source Inputs

Concentration Predictions

As discussed above, modelling of all fugitive dust sources for TSP, PM_{10} and $PM_{2.5}$ and combustion sources for CO, SO_2, NO_x, TSP, PM_{10} and $PM_{2.5}$ during the operation of the mine was conducted. The modelling also incorporated currently planned mitigation measures that will be applied to the sources of fugitive dust.

The fugitive dust emission sources, planned mitigation and resulting emission factors used in the dispersion modelling are presented below in Table 2. 2.

Table 2.2   Sources of Fugitive Particulate Emissions, Planned Mitigation and Emission Factors

Activity	Planned Mitigation	Control Efficiency (%)	Controlled Emission Factors (g/s)		
			TSP	PM_{10}	$PM_{2.5}$
Blasting	-	-	0.078	0.041	0.002
Drilling	-	-	0.035	0.035	0.035
Material Handling - Loading Mined Ore into Haul Trucks	-	-	1.09	0.516	0.078

Activity	Planned Mitigation	Control Efficiency (%)	Controlled Emission Factors (g/s)		
			TSP	PM$_{10}$	PM$_{2.5}$
Unpaved Road - Haul Truck Travel to Primary Crusher No.1	Dust Suppression/Vehicle Restrictions	98	0.478	0.127	0.013
Unpaved Road - Haul Truck Travel to Primary Crusher No.2	Dust Suppression/Vehicle Restrictions	98	1.37	0.366	0.036
Material Handling - Unloading of Mined Ore to Gyratory Crusher	-	-	1.09	0.516	0.078
Material Handling - Loading of Overburden/Waste Rock	-	-	2.34	1.11	0.168
Unpaved Road - Haul Truck Travel to Rose North Disposal Area	Dust Suppression/Vehicle Restrictions	98	0.318	0.084	0.008
Unpaved Road - Haul Truck Travel to Rose South Disposal Area	Dust Suppression/Vehicle Restrictions	98	3	0.798	0.0798
Material Handling - Unloading of Overburden/Waste Rock	-	-	2.34	1.11	0.168
Wind Erosion - Rose North Waste Pile	Progressive reclamation/Frozen ground 50% of time/Best engineering practices	50	0.057	0.028	0.011
Wind Erosion - Rose East Waste Pile	Progressive reclamation/Frozen ground 50% of time/Best engineering practices	50	0.002	0.0008	0.0003
Wind Erosion - ROM Stockpile Small	Water Sprays	90	0.0003	0.0001	5.58E-05
Wind Erosion - ROM Stockpile Large	Water Sprays	90	0.003	0.001	0.0006
Crusher Buildings 1	Dust Control	-	0.807	0.41157	0.12105
Material Handling - Loading to Crusher Conveyor	Dust Control	99	0.807	0.4	0.4
Material Handling - Conveying to Crushed Ore Stockpile	Covered Conveyor	99	0.807	0.4	0.4
Material Handling - Stacking Conveyor	Dust Control	99	0.807	0.4	0.4
Wind Erosion - Crushed Ore Stockpile 1	Water Sprays	90	0.0004	0.0002	7.38E-05

Activity	Planned Mitigation	Control Efficiency (%)	Controlled Emission Factors (g/s)		
			TSP	PM_{10}	$PM_{2.5}$
Wind Erosion - Crushed Ore Stockpile 2	Water Sprays	90	0.0004	0.0002	7.38E-05
Material Handling - Reclaim of Crushed Ore from Stockpile	Moist Material/Apron Feeders	95	4.04	2	2
Material Handling - Conveying of Reclaimed Crushed Ore to Process Plants	Covered Conveyor	99	0.807	0.4	0.4
Feeding to Process Plants2	Dust Control	-	0.739	0.377	0.111
Process Plants - Grinding/Screening3	Dust Collection System	-	1.48	0.497	0.034
Material Handling - Final Concentrate Loading to Conveyor	Dust Control	99	0.304	0.152	0.152
Material Handling - Final Concentrate Conveying	Covered Conveyor	99	0.304	0.152	0.152
Material Handling - Rail Car Loading	Handling of Moist Material/Enclosed Silo Discharge Feeder	98	0.608	0.304	0.304
Wind Erosion - Tailings Pond	Progressive reclamation/Frozen ground 50% of time/Best engineering practices	50	4.42	2.21	0.883

The combustion sources and emission factors used in the dispersion modelling are presented below in Table 2.3.

Table 2.3   Source of Combustion and Emission Rates

Equipment	Quantity	Emission Rates per Piece (g/s)					
		CO	NO_x	SO_2	TSP	PM_{10}	$PM_{2.5}$
Primary Mining Equipment							
Wheel Loader	2	0.030	0.043	0.015	0.023	0.022	0.021
Haul Truck	50	0.303	0.594	0.020	0.049	0.047	0.044
Secondary Mining Equipment							
Wheel Dozer (Caterpillar 844)	3	0.008	0.019	0.006	0.009	0.008	0.008
Track Dozer (Caterpillar CAT D9)	2	0.007	0.016	0.005	0.007	0.007	0.007
Track Dozer (Caterpillar CAT D10)	4	0.010	0.024	0.007	0.011	0.011	0.010
Motor Grader (Caterpillar	3	0.053	0.100	0.004	0.012	0.011	0.011

Equipment	Quantity	Emission Rates per Piece (g/s)					
		CO	NO$_x$	SO$_2$	TSP	PM$_{10}$	PM$_{2.5}$
16M)							
Water Truck 20,000 gallons (Caterpillar CAT777F)	4	0.036	0.160	0.001	0.005	0.005	0.005
Auxiliary Equipment							
Air Track Drill	1	0.0029	0.1038	0.0034	0.0053	0.0051	0.0047
Wheel Loader	1	0.0080	0.0116	0.0040	0.0062	0.0059	0.0055
Service Truck	2	0.0597	0.0029	0.0000	0.0001	0.0000	0.0000
Forklifts 15 tones	1	0.0109	0.0321	0.0009	0.0015	0.0015	0.0014
Forklifts 2.5 tones	1	0.0109	0.0321	0.0009	0.0015	0.0015	0.0014
Pickup 3/4 Ton Mine Ops.	6	0.0108	0.0006	0.0000	0.0000	0.0000	0.0000
Pickup 3/4 Ton Maint.	4	0.0163	0.0008	0.0000	0.0000	0.0000	0.0000
Pickup 3/4 Ton Eng.,Survey.,Geol.,	3	0.0217	0.0011	0.0000	0.0000	0.0000	0.0000
Pickup 3/4 Ton Ore Cotrol, Samplers	2	0.0325	0.0017	0.0000	0.0001	0.0000	0.0000
Pickup 3/4 Ton Blasting	3	0.0217	0.0011	0.0000	0.0000	0.0000	0.0000
Pickup 1 Ton Flatbed	1	0.0651	0.0033	0.0000	0.0001	0.0000	0.0000
Pickup 1 Ton Service Body	1	0.0651	0.0033	0.0000	0.0001	0.0000	0.0000
Water truck fill station (diesel pump)	1	0.0210	0.0976	0.0065	0.0000	0.0002	0.0000
Light Plant (1000 w. diesel generator)	5	0.0333	0.0415	0.0018	0.0043	0.0041	0.0039
Mobile Pump (125 HP diesel)	1	0.0421	0.1953	0.0129	0.0004	0.0004	0.0004
Portable Generator 600kw	1	0.0421	0.1953	0.0129	0.000439488	0.000439488	0.000439488
Aggregate Plant	1	0.0454	0.0899	0.0040	0.006615806	0.006351173	0.005954225
TMF Maintenance							
Pickup Truck	3	0.0217	0.0011	0.0000	0.0000	0.0000	0.0000
Excavator	1	0.0330	0.0624	0.0027	0.0076	0.0073	0.0068
Boom Truck	1	0.0727	0.1438	0.0064	0.0106	0.0102	0.0095
Water Truck	1	0.0026	0.0114	0.0001	0.0004	0.0004	0.0003
Dump Truck	1	0.0047	0.1009	0.0033	0.0052	0.0050	0.0047
Loader	1	0.0107	0.0155	0.0053	0.0082	0.0079	0.0074
Dozer	1	0.0062	0.0153	0.0045	0.0070	0.0067	0.0063
Vibratory Roller	1	0.0244	0.0465	0.0021	0.0054	0.0052	0.0049
Sheepsfoot Roller	1	0.0244	0.0465	0.0021	0.0054	0.0052	0.0049
Boiler House							
Boilers *	5 (up to 5)	0.38	1.52	5.40	0.15	0.07	0.02
Railway							
Railway Inspector Pick-up	1	0.0065	0.0033	0.0000	0.0001	0.0001	0.0001

Equipment	Quantity	Emission Rates per Piece (g/s)					
		CO	NO$_x$	SO$_2$	TSP	PM$_{10}$	PM$_{2.5}$
Truck							
Rail Ballast Regulator	1	0.0035	0.0035	0.0001	0.0005	0.0005	0.0004
Rail Track Tamper	1	0.0035	0.0035	0.0001	0.0005	0.0005	0.0004
Boom Truck	1	0.0727	0.1438	0.0064	0.0106	0.0102	0.0095

*emissions are based on total annual fuel combustion, not per boiler

There will be 3 locomotives, 2 trains arriving, 2 departing, for a total of 12 locomotive passes per day along the rail infrastructure. Assuming a downwashed plume, and a nitrogen dioxide emission rate of 0.77 g/s, the concentration of nitrogen dioxide at 50 m from the track could reach approximately 320 ug/m^3, for up to approximately 6 to 10 seconds (2 locomotives, 15-25 km/hr). The hourly average concentration would be approximately 1 ug/m^3, well below the hourly standard as is evident in urban areas where much higher railroad traffic density is accepted.

For details pertaining to other model input values refer to Attachment 1, Model Input Files.

Deposition Predictions

The consideration of deposition in dispersion models such as CALPUFF allows for contaminant mass to be depleted from the transporting plume. For emissions of particulate matter from low-lying fugitive (*i.e.* roads, loading/unloading) and combustion sources, a substantive portion of the resultant plume will remain in lowest 1-2 meters above ground level and settle within a few hundred meters of the source (see for example, DRI 1999).

To account for plume depletion due to settling/deposition of particulate matter (TSP, PM$_{10}$, and PM$_{2.5}$), the emitted particles were divided into three size classes, as defined in Table 2.4 below.

Table 2.4   Particle Size Class Definitions and Deposition Parameters

Particle Size Class ID	Definition	Geometric Mass Mean Diameter (μ)	Geometric Standard Deviation (μ)	Number of Particle Intervals (μ)
P1	P1 < 2.5 (μ)	1.25	1.24	5
P2	2.5 < P2 < 10 (μ)	5	1.24	5
P3	P3 > 10 (μ)	20	1.24	5

Emission rates were calculated for each particle size class, TSP, PM$_{10}$ and PM$_{2.5}$ based on the estimates for TSP, PM$_{10}$, and PM$_{2.5}$ provided in Section 1.0. Each size class was then modelled with dry deposition/plume depletion to predict maximum GLCs of particle sizes P1, P2, and P3. The maximum predicted TSP/PM$_{10}$/PM$_{2.5}$ ground-level concentrations were then calculated from the intermediate species by summing the relevant size fractions as follows:

- PM$_{2.5}$ = P1;
- PM$_{10}$ = P1 + P2; and

- TSP = P1 + P2 + P3.

Wet deposition was not modelled in this case as during wet conditions the particulate matter would be controlled by rain. The dry deposition modelling did not account for rain control throughout the year, thus would tend to be overestimated.

2.6   CALPOST

2.6.1   Overview

CALPOST is the CALPUFF postprocessor designed report concentration or wet/dry despostion flux results based on the hourly data contained in the CALPUFF output file. CALPOST Version 6.292 – Level 110406 was used to process the output file from the CALPUFF runs.

2.6.2   Post Processing

As per Section 8 of the NL modelling guidance document (Government of NL 2006), the contaminants and averaging periods modeled in this study are represented in Table 2.5. For this study a direct conversion of NO_x to NO_2 was assumed.

Table 2.5   Contaminants Modelled and Averaging Periods

Air Contaminant	Averaging Period
Total Suspended Particulate (TSP)	1 hour, 24 hour, annual
Particulate Matter less than 10 Microns (PM_{10})	1 hour, 24 hour
Particulate Matter less than 2.5 Microns ($PM_{2.5}$)	1 hour, 24 hour
Sulphur Dioxide (SO_2)	1 hour, 3 hour, 24 hour, annual
Nitrogen Dioxide (NO_x)	1 hour, 24 hour, annual
Carbon Monoxide (CO)	1 hour, 8 hour

2.7   Dispersion Modelling Results

Ground level predicted concentrations for a number of discrete receptors, representing communities in the Study Area, are presented within this Section. Maximum predicted results for each of the discrete receptors included in this study are provided in Table 2 in Attachment 2.

The maximum predicted 1-hour ground level concentrations for CO, NO_2, SO_2, TSP, PM_{10} and $PM_{2.5}$ at each of the nearest communities to the Project site are presented in Table 2.6. The NL *Air Pollution Control Regulations* have also been included for comparision.

Table 2.6   Maximum Predicted 1-hour Ground Level Concentrations of CO, NO$_2$, SO$_2$, TSP, PM$_{10}$ and PM$_{2.5}$

Receptor Location	UTM Coordinates		CO (µg/m^3)	NO$_2$ (µg/m^3)	SO$_2$ (µg/m)	TSP (µg/m^3)	PM$_{10}$ (µg/m^3)	PM$_{2.5}$ (µg/m^3)
	Easting (m)	Northing (m)	1-hour	1hour	1-hour	1-hour	1hour	1-hour
Wabush North	643,450	5,862,878	19.1	36.2	14.7	48.7	46.8	37.0
Wabush South	644,629	5,861,476	21.0	37.3	11.1	37.6	36.6	27.7
Labrador City South	640,162	5,866,713	12.7	23.4	8.39	26.4	25.1	16.9
Labrador City West	637,554	5,866,543	12.9	24.0	7.53	23.2	21.7	14.1
Long Lake North	634,974	5,861,752	18.6	34.6	11.4	42.2	38.3	26.8
Long Lake South	636,197	5,857,258	27.5	54.3	44.8	161.3	145.9	122.3
Fermont	629,544	5,851,406	30.3	57.7	23.6	47.7	42.5	25.9
NL Regulatory Limit	-	-	35,000	400	900	-	-	-

The maximum predicted 3-hour ground level concentrations for SO$_2$ at each of the nearest communities to the Project site are presented in Table 2.7. The NL Air Pollution Control Regulations have also been included for comparision.

Table 2.7   Maximum Predicted 3-hour Ground Level Concentrations of SO$_2$

Receptor Location	UTM Coordinates		SO$_2$ (µg/m)
	Easting (m)	Northing (m)	3-hour
Wabush North	643,450	5,862,878	7.94
Wabush South	644,629	5,861,476	7.50
Labrador City South	640,162	5,866,713	6.19
Labrador City West	637,554	5,866,543	7.02
Long Lake North	634,974	5,861,752	7.63
Long Lake South	636,197	5,857,258	23.0
Fermont	629,544	5,851,406	10.4
NL Regulatory Limit	-	-	600

The maximum predicted 8-hour ground level concentrations for CO at each of the nearest communities to the Project site are presented in Table 2.8. The NL Air Pollution Control Regulations have also been included for comparision.

Table 2.8   Maximum Predicted 8-hour Ground Level Concentrations of CO

Receptor Location	UTM Coordinates		CO (µg/m)
	Easting (m)	Northing (m)	8-hour
Wabush North	643,450	5,862,878	12.8
Wabush South	644,629	5,861,476	13.8
Labrador City South	640,162	5,866,713	5.76
Labrador City West	637,554	5,866,543	5.73
Long Lake North	634,974	5,861,752	7.89
Long Lake South	636,197	5,857,258	12.0
Fermont	629,544	5,851,406	17.5
NL Regulatory Limit	-	-	15,000

The maximum predicted 24-hour ground level concentrations for CO, NO_2, SO_2, TSP, PM_{10} and PM_2 at each of the nearest communities to the Project site are presented in Table 2.9. The NL Air Pollution Control Regulations have also been included for comparision.

Table 2.9   Maximum Predicted 24-hour Ground Level Concentrations of NO_2, SO_2, TSP, PM_{10} and $PM_{2.5}$

Receptor Location	UTM Coordinates		NO_2 (µg/m³)	SO_2 (µg/m)	TSP (µg/m³)	PM_{10} (µg/m³)	$PM_{2.5}$ (µg/m³)
	Easting (m)	Northing (m)	24-hour	24-hour	24-hour	24-hour	24-hour
Wabush North	643,450	5,862,878	11.2	2.86	13.7	11.4	7.14
Wabush South	644,629	5,861,476	11.9	1.90	9.96	8.58	5.17
Labrador City South	640,162	5,866,713	5.89	1.48	5.61	4.89	2.95
Labrador City West	637,554	5,866,543	4.42	2.25	6.03	5.36	3.43
Long Lake North	634,974	5,861,752	7.35	2.61	12.1	10.3	6.93
Long Lake South	636,197	5,857,258	13.6	6.98	35.7	29.9	25.2
Fermont	629,544	5,851,406	13.3	2.91	11.4	10.3	5.94
NL Regulatory Limit	-	-	200	300	60	50	25

The maximum predicted annual ground level concentrations for NO_2 , SO_2 and TSP at each of the nearest communities to the Project site are presented in Table 2.10. The NL Air Pollution Control Regulations have also been included for comparision.

Table 2.10   Maximum Predicted Annual Ground Level Concentrations of NO_2, SO_2 and TSP

Receptor Location	UTM Coordinates		NO_2 ($\mu g/m^3$)	SO_2 ($\mu g/m$)	TSP ($\mu g/m^3$)
	Easting (m)	Northing (m)	Annual	Annual	Annual
Wabush North	643,450	5,862,878	0.553	0.117	0.643
Wabush South	644,629	5,861,476	0.549	0.113	0.598
Labrador City South	640,162	5,866,713	0.418	0.086	0.454
Labrador City West	637,554	5,866,543	0.511	0.098	0.498
Long Lake North	634,974	5,861,752	0.895	0.135	0.960
Long Lake South	636,197	5,857,258	2.28	0.438	3.63
Fermont	629,544	5,851,406	0.658	0.089	0.518
NL Regulatory Limit	-	-	100	60	120

Based on the modelling results presented in Table 2.6 through 2.10, there were no exceedances of the provincial *Air Pollution Control Regulations* at the nearest communities to the proposed Project site.

The predicted modelling results for CO, NO_2, SO_2, TSP, PM_{10} and $PM_{2.5}$ for each averaging period modelled at each of the discrete receptorshave been provided in Attachment 2. The maximum predicted ground level concentrations for NO_x,TSP, PM_{10} and $PM_{2.5}$ for the regulated time periods have also been illustrated in Figures 1 through 7 included in Attachment 3.

As is evident in the concentration mapping for the 24-hour averaging period, a number of cabins located at the southern end of Long Lake will be impacted by particulate matter from the operation of the Project.

The predicted deposition results for each particulate size distribution, as discussed above, for the annual time period are presented in Table 2.11.

Table 2.11   Maximum Predicted Annual Deposition Results for TSP, PM_{10} and $PM_{2.5}$

Receptor Location	UTM Coordinates		TSP ($g/m^2/yr$)	PM_{10} ($g/m^2/yr$)	$PM_{2.5}$ ($g/m^2/yr$)
	Easting (m)	Northing (m)	Annual	Annual	Annual
Wabush North	643,450	5,862,878	0.1373	0.0220	0.0000
Wabush South	644,629	5,861,476	0.1667	0.0283	0.0000
Labrador City South	640,162	5,866,713	0.1334	0.0276	0.0000
Labrador City West	637,554	5,866,543	0.1765	0.0371	0.0000
Long Lake North	634,974	5,861,752	0.2330	0.0408	0.0001
Long Lake South	636,197	5,857,258	1.7848	0.2536	0.0002
Fermont	629,544	5,851,406	0.1529	0.0303	0.0000

3.0 SUMMARY

Construction activities related to the Kami mine site and rail infrastructure were estimated based on construction equipment inventories and transportation activities. Air dispersion modeling using CALPUFF assessed the effects of Kami mine operations on ambient air quality.

Results from both construction estimates and operational dispersion modeling show that, under the application of planned mitigation, emissions of all CAC contaminants fall below applicable provincial standards and federal guidelines within the nearby towns and communities. A number of cabins located at the southern end of Long Lake, however, will be impacted by particulate matter from the operation of the Project.

4.0 LITERATURE CITED

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Attachment 1

Modelling Input Files

--------------- Run title (3 lines) ------------------------------------
------

                        CALMET MODEL CONTROL FILE

INPUT GROUP: 0 -- Input and Output File Names

Subgroup (a)

Default Name Type   File Name
------------ ----   ---------
GEO.DAT   input   ! GEODAT = GEO.DAT !
SURF.DAT   input   ! SRFDAT = surf.dat !
CLOUD.DAT   input   * CLDDAT = *
PRECIP.DAT   input   * PRCDAT = kami_may13_met\PRECIP.DAT *
WT.DAT   input   * WTDAT = *

CALMET.LST   output   ! METLST = CALMET.LST !
CALMET.DAT   output   ! METDAT = CALMET.DAT !
PACOUT.DAT   output   * PACDAT = *

All file names will be converted to lower case if LCFILES = T
Otherwise, if LCFILES = F, file names will be converted to UPPER CASE
          T = lower case   ! LCFILES = T !
          F = UPPER CASE

NUMBER OF UPPER AIR & OVERWATER STATIONS:

     Number of upper air stations (NUSTA) No default   ! NUSTA = 0 !
     Number of overwater met stations
                              (NOWSTA) No default   ! NOWSTA = 0 !

NUMBER OF PROGNOSTIC and IGF-CALMET FILEs:

     Number of MM4/MM5/3D.DAT files
                              (NM3D) No default   ! NM3D = 1 !

     Number of IGF-CALMET.DAT files
                              (NIGF)   No default   ! NIGF = 0 !

                       !END!

Subgroup (b)

```
          Upper air files (one per station)
          ---------------------------------
          Default Name  Type         File Name
          ------------  ----         ---------
          * UPPERAIRFILES = *
          ----------------------------------------------------------------------
          -------
          Subgroup (c)
          --------------------------------------------
          Overwater station files (one per station)
          --------------------------------------------
          Default Name  Type         File Name
          ------------  ----         ---------
          * OVERWATERFILES = *
          ----------------------------------------------------------------------
          -------
          Subgroup (d)
          ----------------------------------------------------
          MM4/MM5/3D.DAT files (consecutive or overlapping)
          ----------------------------------------------------
          Default Name  Type         File Name
          ------------  ----         ---------
          MM41.DAT      input    1   ! M3DDAT=../../met/2006.m3d!     !END!


          ----------------------------------------------------------------------
          -------
          Subgroup (e)
          ----------------------------------------------------
          IGF-CALMET.DAT files (consecutive or overlapping)
          ----------------------------------------------------
          Default Name  Type         File Name
          ------------  ----         ---------
          * IGFDATFILES = *
          ----------------------------------------------------------------------
          -------
          Subgroup (f)
          ---------------
          Other file names
          ---------------

          Default Name  Type         File Name
          ------------  ----         ---------
          DIAG.DAT      input        * DIADAT = *
          PROG.DAT      input        * PRGDAT = *

          TEST.PRT      output       * TSTPRT = *
          TEST.OUT      output       * TSTOUT = *
          TEST.KIN      output       * TSTKIN = *
          TEST.FRD      output       * TSTFRD = *
          TEST.SLP      output       * TSTSLP = *
          DCST.GRD      output       * DCSTGD = *


          ----------------------------------------------------------------------
          -------
```

```
NOTES: (1) File/path names can be up to 70 characters in length
       (2) Subgroups (a) and (f) must have ONE 'END' (surrounded by
           delimiters) at the end of the group
       (3) Subgroups (b) through (e) are included ONLY if the
corresponding
           number of files (NUSTA, NOWSTA, NM3D, NIGF) is not 0, and each
must have
           an 'END' (surround by delimiters) at the end of EACH LINE

                        !END!


----------------------------------------------------------------------
------

INPUT GROUP: 1 -- General run control parameters
--------------

      Starting date:    Year   (IBYR)  --    No default   ! IBYR = 2006 !
                        Month  (IBMO)  --    No default   ! IBMO = 01 !
                        Day    (IBDY)  --    No default   ! IBDY = 1 !
      Starting time:    Hour   (IBHR)  --    No default   ! IBHR = 0 !
                        Second (IBSEC) --    No default   ! IBSEC = 0 !

      Ending date:      Year   (IEYR)  --    No default   ! IEYR = 2006 !
                        Month  (IEMO)  --    No default   ! IEMO = 04 !
                        Day    (IEDY)  --    No default   ! IEDY = 1 !
      Ending time:      Hour   (IEHR)  --    No default   ! IEHR = 0 !
                        Second (IESEC) --    No default   ! IESEC = 0 !

       UTC time zone         (ABTZ) -- No default       ! ABTZ = UTC-0400
!
          (character*8)
          PST = UTC-0800, MST = UTC-0700 , GMT = UTC-0000
          CST = UTC-0600, EST = UTC-0500

      Length of modeling time-step (seconds)
      Must divide evenly into 3600 (1 hour)
      (NSECDT)                            Default:3600     ! NSECDT = 3600 !
                                          Units: seconds

      Run type           (IRTYPE) -- Default: 1       ! IRTYPE = 1 !

         0 = Computes wind fields only
         1 = Computes wind fields and micrometeorological variables
             (u*, w*, L, zi, etc.)
         (IRTYPE must be 1 to run CALPUFF or CALGRID)

      Compute special data fields required
      by CALGRID (i.e., 3-D fields of W wind
      components and temperature)
      in additional to regular              Default: T    ! LCALGRD = T !
      fields ? (LCALGRD)
      (LCALGRD must be T to run CALGRID)
```

```
     Flag to stop run after
     SETUP phase (ITEST)              Default: 2        ! ITEST = 2 !
     (Used to allow checking
     of the model inputs, files, etc.)
     ITEST = 1 - STOPS program after SETUP phase
     ITEST = 2 - Continues with execution of
                 COMPUTATIONAL phase after SETUP


     Test options specified to see if
     they conform to regulatory
     values? (MREG)                   No Default        ! MREG = 0 !

        0 = NO checks are made
        1 = Technical options must conform to USEPA guidance
                    IMIXH    -1       Maul-Carson convective mixing height
                                      over land; OCD mixing height
overwater
                    ICOARE   0        OCD deltaT method for overwater
fluxes
                    THRESHL  0.0      Threshold buoyancy flux over land
needed
                                      to sustain convective mixing height
growth
                    ISURFT   > 0      Pick one representative station, OR
                             -2       in NOOBS mode (ITPROG=2) average all
                                      surface prognostic temperatures to
get
                                      a single representative surface temp.
                    IUPT     > 0      Pick one representative station, OR
                             -2       in NOOBS mode (ITPROG>0) average all
surface
                                      prognostic temperatures to get a
single
                                      representative surface temp.

     !END!

--------------------------------------------------------------------------
------

INPUT GROUP: 2 -- Map Projection and Grid control parameters
--------------

     Projection for all (X,Y):
     -------------------------


     Map projection
     (PMAP)                           Default: UTM      ! PMAP = UTM !

        UTM :  Universal Transverse Mercator
        TTM :  Tangential Transverse Mercator
        LCC :  Lambert Conformal Conic
```

```
            PS :  Polar Stereographic
            EM :  Equatorial Mercator
          LAZA :  Lambert Azimuthal Equal Area

      False Easting and Northing (km) at the projection origin
      (Used only if PMAP= TTM, LCC, or LAZA)
      (FEAST)                        Default=0.0      ! FEAST = 0.0 !
      (FNORTH)                       Default=0.0      ! FNORTH = 0.0 !


      UTM zone (1 to 60)
      (Used only if PMAP=UTM)
      (IUTMZN)                       No Default       ! IUTMZN = 19 !


      Hemisphere for UTM projection?
      (Used only if PMAP=UTM)
      (UTMHEM)                       Default: N       ! UTMHEM = N !
          N   :  Northern hemisphere projection
          S   :  Southern hemisphere projection


      Latitude and Longitude (decimal degrees) of projection origin
      (Used only if PMAP= TTM, LCC, PS, EM, or LAZA)
      (RLAT0)                        No Default       * RLAT0 = *
      (RLON0)                        No Default       * RLON0 = *


          TTM :  RLON0 identifies central (true N/S) meridian of
projection
                 RLAT0 selected for convenience
          LCC :  RLON0 identifies central (true N/S) meridian of
projection
                 RLAT0 selected for convenience
          PS  :  RLON0 identifies central (grid N/S) meridian of
projection
                 RLAT0 selected for convenience
          EM  :  RLON0 identifies central meridian of projection
                 RLAT0 is REPLACED by 0.0N (Equator)
          LAZA:  RLON0 identifies longitude of tangent-point of mapping
plane
                 RLAT0 identifies latitude of tangent-point of mapping
plane


      Matching parallel(s) of latitude (decimal degrees) for projection
      (Used only if PMAP= LCC or PS)
      (XLAT1)                        No Default       ! XLAT1 = 30N !
      (XLAT2)                        No Default       ! XLAT2 = 60N !


          LCC :  Projection cone slices through Earth's surface at XLAT1
and XLAT2
          PS  :  Projection plane slices through Earth at XLAT1
                 (XLAT2 is not used)


      ----------
      Note:  Latitudes and longitudes should be positive, and include a
             letter N,S,E, or W indicating north or south latitude, and
             east or west longitude.  For example,
```

```
             35.9  N Latitude  =   35.9N
             118.7 E Longitude = 118.7E


        Datum-region
        ------------


        The Datum-Region for the coordinates is identified by a character
        string.  Many mapping products currently available use the model of
the
        Earth known as the World Geodetic System 1984 (WGS-84).  Other local
        models may be in use, and their selection in CALMET will make its
output
        consistent with local mapping products.  The list of Datum-Regions
with
        official transformation parameters is provided by the National
Imagery and
        Mapping Agency (NIMA).

        NIMA Datum - Regions(Examples)
        ------------------------------------------------------------------
----------
        WGS-84    WGS-84 Reference Ellipsoid and Geoid, Global coverage
(WGS84)
        NAS-C     NORTH AMERICAN 1927 Clarke 1866 Spheroid, MEAN FOR CONUS
(NAD27)
        NAR-C     NORTH AMERICAN 1983 GRS 80 Spheroid, MEAN FOR CONUS
(NAD83)
        NWS-84    NWS 6370KM Radius, Sphere
        ESR-S     ESRI REFERENCE 6371KM Radius, Sphere


        Datum-region for output coordinates
        (DATUM)                        Default: WGS-84      ! DATUM = WGS-84 !


        Horizontal grid definition:
        ---------------------------


        Rectangular grid defined for projection PMAP,
        with X the Easting and Y the Northing coordinate


                No. X grid cells (NX)     No default      ! NX = 40 !
                No. Y grid cells (NY)     No default      ! NY = 40 !

        Grid spacing (DGRIDKM)                No default      ! DGRIDKM = 1 !
                                              Units: km


        Reference grid coordinate of
        SOUTHWEST corner of grid cell (1,1)


           X coordinate (XORIGKM)         No default      ! XORIGKM =
618.6040 !
           Y coordinate (YORIGKM)         No default      ! YORIGKM =
5838.3870 !
```

Units: km

        Vertical grid definition:

          No. of vertical layers (NZ)   No default   ! NZ = 8 !

          Cell face heights in arbitrary
          vertical grid (ZFACE(NZ+1))   No defaults
                                         Units: m

          ! ZFACE = 0.,20.,50.,100.,200.,500.,1000.,2000.,3300. !

  !END!

INPUT GROUP: 3 -- Output Options

      DISK OUTPUT OPTION

        Save met. fields in an unformatted
        output file ?   (LSAVE) Default: T   ! LSAVE = T !
        (F = Do not save, T = Save)

        Type of unformatted output file:
        (IFORMO)   Default: 1   ! IFORMO = 1 !

            1 = CALPUFF/CALGRID type file (CALMET.DAT)
            2 = MESOPUFF-II type file   (PACOUT.DAT)

      LINE PRINTER OUTPUT OPTIONS:

        Print met. fields ? (LPRINT)   Default: F   ! LPRINT = F !
        (F = Do not print, T = Print)
        (NOTE: parameters below control which
             met. variables are printed)

        Print interval
        (IPRINF) in hours   Default: 1   ! IPRINF = 1 !
        (Meteorological fields are printed
         every 6 hours)

        Specify which layers of U, V wind component
        to print (IUVOUT(NZ)) -- NOTE: NZ values must be entered
        (0=Do not print, 1=Print)
        (used only if LPRINT=T)   Defaults: NZ*0

```
      * IUVOUT = *
      ----------------------


Specify which levels of the W wind component to print
(NOTE: W defined at TOP cell face --  6  values)
(IWOUT(NZ)) -- NOTE: NZ values must be entered
(0=Do not print, 1=Print)
(used only if LPRINT=T & LCALGRD=T)
----------------------------------
                                        Defaults: NZ*0
  * IWOUT = *


Specify which levels of the 3-D temperature field to print
(ITOUT(NZ)) -- NOTE: NZ values must be entered
(0=Do not print, 1=Print)
(used only if LPRINT=T & LCALGRD=T)
----------------------------------
                                        Defaults: NZ*0
  * ITOUT = *

Specify which meteorological fields
to print
(used only if LPRINT=T)                 Defaults: 0 (all variables)
----------------------


   Variable              Print ?
                      (0 = do not print,
                       1 = print)
   --------           ------------------

! STABILITY = 0 ! - PGT stability class
! USTAR = 0 ! - Friction velocity
! MONIN = 0 ! - Monin-Obukhov length
! MIXHT = 0 ! - Mixing height
! WSTAR = 0 ! - Convective velocity scale
! PRECIP = 0 ! - Precipitation rate
! SENSHEAT = 0 ! - Sensible heat flux
! CONVZI = 0 ! - Convective mixing ht.


 Testing and debug print options for micrometeorological module

    Print input meteorological data and
    internal variables (LDB)            Default: F        ! LDB = F !
    (F = Do not print, T = print)
    (NOTE: this option produces large amounts of output)

    First time step for which debug data
    are printed (NN1)                   Default: 1        ! NN1 = 1 !

    Last time step for which debug data
```

```
          are printed (NN2)                    Default: 1        ! NN2 = 2 !

          Print distance to land
          internal variables (LDBCST)     Default: F        ! LDBCST = F
!
          (F = Do not print, T = print)
          (Output in .GRD file DCST.GRD, defined in input group 0)

       Testing and debug print options for wind field module
       (all of the following print options control output to
        wind field module's output files: TEST.PRT, TEST.OUT,
        TEST.KIN, TEST.FRD, and TEST.SLP)

          Control variable for writing the test/debug
          wind fields to disk files (IOUTD)
          (0=Do not write, 1=write)        Default: 0        ! IOUTD = 0 !

          Number of levels, starting at the surface,
          to print (NZPRN2)                Default: 1        ! NZPRN2 = 1
!

          Print the INTERPOLATED wind components ?
          (IPR0) (0=no, 1=yes)             Default: 0        ! IPR0 = 0 !

          Print the TERRAIN ADJUSTED surface wind
          components ?
          (IPR1) (0=no, 1=yes)             Default: 0        ! IPR1 = 0 !

          Print the SMOOTHED wind components and
          the INITIAL DIVERGENCE fields ?
          (IPR2) (0=no, 1=yes)             Default: 0        ! IPR2 = 0 !

          Print the FINAL wind speed and direction
          fields ?
          (IPR3) (0=no, 1=yes)             Default: 0        ! IPR3 = 0 !

          Print the FINAL DIVERGENCE fields ?
          (IPR4) (0=no, 1=yes)             Default: 0        ! IPR4 = 0 !

          Print the winds after KINEMATIC effects
          are added ?
          (IPR5) (0=no, 1=yes)             Default: 0        ! IPR5 = 0 !

          Print the winds after the FROUDE NUMBER
          adjustment is made ?
          (IPR6) (0=no, 1=yes)             Default: 0        ! IPR6 = 0 !

          Print the winds after SLOPE FLOWS
          are added ?
          (IPR7) (0=no, 1=yes)             Default: 0        ! IPR7 = 0 !

          Print the FINAL wind field components ?
          (IPR8) (0=no, 1=yes)             Default: 0        ! IPR8 = 0 !
```

```
          !END!


     --------------------------------------------------------------------
     ------

     INPUT GROUP: 4 -- Meteorological data options
     -------------

          NO OBSERVATION MODE              (NOOBS)  Default: 0     ! NOOBS = 1 !
               0 = Use surface, overwater, and upper air stations
               1 = Use surface and overwater stations (no upper air
     observations)
                   Use MM4/MM5/3D.DAT for upper air data
               2 = No surface, overwater, or upper air observations
                   Use MM4/MM5/3D.DAT for surface, overwater, and upper air
     data

          NUMBER OF SURFACE & PRECIP. METEOROLOGICAL STATIONS

             Number of surface stations   (NSSTA)  No default    ! NSSTA = 1 !

             Number of precipitation stations
             (NPSTA=-1: flag for use of MM5/3D.DAT precip data)
                                          (NPSTA)  No default    ! NPSTA = -1
     !

          CLOUD DATA OPTIONS
             Gridded cloud fields:
                                          (ICLOUD)  Default: 0     ! ICLOUD = 0
     !
             ICLOUD = 0 - Gridded clouds not used
             ICLOUD = 1 - Gridded CLOUD.DAT generated as OUTPUT
             ICLOUD = 2 - Gridded CLOUD.DAT read as INPUT
             ICLOUD = 3 - Gridded cloud cover from Prognostic Rel. Humidity
                          at 850mb (Teixera)
             ICLOUD = 4 - Gridded cloud cover from Prognostic Rel. Humidity
                          at all levels (MM5toGrads algorithm)

          FILE FORMATS

             Surface meteorological data file format
                                          (IFORMS)  Default: 2     ! IFORMS = 2
     !
             (1 = unformatted (e.g., SMERGE output))
             (2 = formatted   (free-formatted user input))

             Precipitation data file format
                                          (IFORMP)  Default: 2     ! IFORMP = 2
     !
             (1 = unformatted (e.g., PMERGE output))
             (2 = formatted   (free-formatted user input))

             Cloud data file format
```

```
                                        (IFORMC)  Default: 2     ! IFORMC = 2
!
        (1 = unformatted - CALMET unformatted output)
        (2 = formatted   - free-formatted CALMET output or user input)

!END!


--------------------------------------------------------------------------
------

INPUT GROUP: 5 -- Wind Field Options and Parameters
--------------


    WIND FIELD MODEL OPTIONS
       Model selection variable (IWFCOD)    Default: 1      ! IWFCOD = 1
!
          0 = Objective analysis only
          1 = Diagnostic wind module

       Compute Froude number adjustment
       effects ? (IFRADJ)                    Default: 1      ! IFRADJ = 1
!
       (0 = NO, 1 = YES)

       Compute kinematic effects ? (IKINE)   Default: 0      ! IKINE = 0
!
       (0 = NO, 1 = YES)

       Use O'Brien procedure for adjustment
       of the vertical velocity ? (IOBR)     Default: 0      ! IOBR = 0 !
       (0 = NO, 1 = YES)

       Compute slope flow effects ? (ISLOPE) Default: 1      ! ISLOPE = 1
!
       (0 = NO, 1 = YES)

       Extrapolate surface wind observations
       to upper layers ? (IEXTRP)            Default: -4     ! IEXTRP = 1
!
       (1 = no extrapolation is done,
        2 = power law extrapolation used,
        3 = user input multiplicative factors
           for layers 2 - NZ used (see FEXTRP array)
        4 = similarity theory used
       -1, -2, -3, -4 = same as above except layer 1 data
           at upper air stations are ignored

       Extrapolate surface winds even
       if calm? (ICALM)                      Default: 0      ! ICALM = 0
!
       (0 = NO, 1 = YES)
```

Layer-dependent biases modifying the weights of
          surface and upper air stations (BIAS(NZ))
            -1<=BIAS<=1
          Negative BIAS reduces the weight of upper air stations
            (e.g. BIAS=-0.1 reduces the weight of upper air stations
          by 10%; BIAS= -1, reduces their weight by 100 %)
          Positive BIAS reduces the weight of surface stations
            (e.g. BIAS= 0.2 reduces the weight of surface stations
          by 20%; BIAS=1 reduces their weight by 100%)
          Zero BIAS leaves weights unchanged (1/R**2 interpolation)
          Default: NZ*0

          ! BIAS = -1 , -1 , -1 , -0.5 , 0. , 0. , 0. , 0. !

          Minimum distance from nearest upper air station
          to surface station for which extrapolation
          of surface winds at surface station will be allowed
          (RMIN2: Set to -1 for IEXTRP = 4 or other situations
           where all surface stations should be extrapolated)
                                               Default: 4.   ! RMIN2 = 4
!

          Use gridded prognostic wind field model
          output fields as input to the diagnostic
          wind field model (IPROG)   Default: 0   ! IPROG = 14
!
          (0 = No, [IWFCOD = 0 or 1]
           1 = Yes, use CSUMM prog. winds as Step 1 field, [IWFCOD = 0]
           2 = Yes, use CSUMM prog. winds as initial guess field [IWFCOD =
1]
           3 = Yes, use winds from MM4.DAT file as Step 1 field [IWFCOD = 0]
           4 = Yes, use winds from MM4.DAT file as initial guess field
[IWFCOD = 1]
           5 = Yes, use winds from MM4.DAT file as observations [IWFCOD = 1]
           13 = Yes, use winds from MM5/3D.DAT file as Step 1 field [IWFCOD
= 0]
           14 = Yes, use winds from MM5/3D.DAT file as initial guess field
[IWFCOD = 1]
           15 = Yes, use winds from MM5/3D.DAT file as observations [IWFCOD
= 1]

          Timestep (seconds) of the prognostic
          model input data   (ISTEPPGS)   Default: 3600   ! ISTEPPGS =
3600 !

          Use coarse CALMET fields as initial guess fields (IGFMET)
          (overwrites IGF based on prognostic wind fields if any)
                                               Default: 0   ! IGFMET = 0
!

     RADIUS OF INFLUENCE PARAMETERS

```
            Use varying radius of influence        Default: F        ! LVARY = F
!
            (if no stations are found within RMAX1,RMAX2,
             or RMAX3, then the closest station will be used)

            Maximum radius of influence over land
            in the surface layer (RMAX1)           No default        ! RMAX1 = 20
!
                                                   Units: km
            Maximum radius of influence over land
            aloft (RMAX2)                          No default        ! RMAX2 = 20
!
                                                   Units: km
            Maximum radius of influence over water
            (RMAX3)                                No default        ! RMAX3 = 20
!
                                                   Units: km


        OTHER WIND FIELD INPUT PARAMETERS

            Minimum radius of influence used in
            the wind field interpolation (RMIN)    Default: 0.1     ! RMIN = 0.1
!
                                                   Units: km
            Radius of influence of terrain
            features (TERRAD)                      No default       ! TERRAD = 5
!

                                                   Units: km
            Relative weighting of the first
            guess field and observations in the
            SURFACE layer (R1)                     No default       ! R1 = 2 !
            (R1 is the distance from an            Units: km
            observational station at which the
            observation and first guess field are
            equally weighted)

            Relative weighting of the first
            guess field and observations in the
            layers ALOFT (R2)                      No default       ! R2 = 2 !
            (R2 is applied in the upper layers     Units: km
            in the same manner as R1 is used in
            the surface layer).

            Relative weighting parameter of the
            prognostic wind field data (RPROG)     No default       ! RPROG = 0
!
            (Used only if IPROG = 1)               Units: km
            -----------------------

            Maximum acceptable divergence in the
            divergence minimization procedure
```

```
      (DIVLIM)                                 Default: 5.E-6  ! DIVLIM =
5E-6 !


      Maximum number of iterations in the
      divergence min. procedure (NITER)     Default: 50     ! NITER = 50
!


      Number of passes in the smoothing
      procedure (NSMTH(NZ))
      NOTE: NZ values must be entered
          Default: 2,(mxnz-1)*4 ! NSMTH = 2,9*4 !


      Maximum number of stations used in
      each layer for the interpolation of
      data to a grid point (NINTR2(NZ))
      NOTE: NZ values must be entered       Default: 99.    ! NINTR2 =
99 !


      Critical Froude number (CRITFN)       Default: 1.0    ! CRITFN = 1
!


      Empirical factor controlling the
      influence of kinematic effects
      (ALPHA)                               Default: 0.1    ! ALPHA =
0.1 !


      Multiplicative scaling factor for
      extrapolation of surface observations
      to upper layers (FEXTR2(NZ))          Default: NZ*0.0
      * FEXTR2 = *
      (Used only if IEXTRP = 3 or -3)



    BARRIER INFORMATION


      Number of barriers to interpolation
      of the wind fields (NBAR)             Default: 0      ! NBAR = 0 !


      Level (1 to NZ) up to which barriers
      apply (KBAR)                          Default: NZ     ! KBAR = 8 !


      THE FOLLOWING 4 VARIABLES ARE INCLUDED
      ONLY IF NBAR > 0
      NOTE: NBAR values must be entered     No defaults
            for each variable               Units: km


        X coordinate of BEGINNING
        of each barrier (XBBAR(NBAR))       ! XBBAR =  !
        Y coordinate of BEGINNING
        of each barrier (YBBAR(NBAR))       ! YBBAR =  !

        X coordinate of ENDING
        of each barrier (XEBAR(NBAR))       ! XEBAR =  !
        Y coordinate of ENDING
```

```
                of each barrier (YEBAR(NBAR))        ! YEBAR =  !


        DIAGNOSTIC MODULE DATA INPUT OPTIONS

            Surface temperature (IDIOPT1)        Default: 0      ! IDIOPT1 =
0 !
                0 = Compute internally from
                    hourly surface observations or prognostic fields
                1 = Read preprocessed values from
                    a data file (DIAG.DAT)

                Surface met. station to use for
                the surface temperature (ISURFT)   Default: -1    ! ISURFT = 1
!
                (Must be a value from 1 to NSSTA,
                 or -1 to use 2-D spatially varying
                    surface temperatures,
                 or -2 to use a domain-average prognostic
                    surface temperatures (only with ITPROG=2))
                (Used only if IDIOPT1 = 0)
                -------------------------

            Temperature lapse rate used in the     Default: 0      ! IDIOPT2 = 0
!
                computation of terrain-induced
                circulations (IDIOPT2)
                0 = Compute internally from (at least) twice-daily
                    upper air observations or prognostic fields
                1 = Read hourly preprocessed values
                    from a data file (DIAG.DAT)

                Upper air station to use for
                the domain-scale lapse rate (IUPT) Default: -1     ! IUPT = -2 !
                (Must be a value from 1 to NUSTA,
                 or -1 to use 2-D spatially varying lapse rate,
                 or -2 to use a domain-average prognostic
                    lapse rate (only with ITPROG>0))
                (Used only if IDIOPT2 = 0)
                -------------------------

                Depth through which the domain-scale
                lapse rate is computed (ZUPT)       Default: 200.  ! ZUPT = 200
!
                (Used only if IDIOPT2 = 0)         Units: meters
                -------------------------

            Initial Guess Field Winds
            (IDIOPT3)                               Default: 0      ! IDIOPT3 = 0
!
                0 = Compute internally from
                    observations or prognostic wind fields
                1 = Read hourly preprocessed domain-average wind values
                    from a data file (DIAG.DAT)
```

```
            Upper air station to use for
            the initial guess winds (IUPWND)   Default: -1    ! IUPWND = -1
!
            (Must be a value from -1 to NUSTA, with
            -1 indicating 3-D initial guess fields,
            and IUPWND>1 domain-scaled (i.e. constant) IGF)
            (Used only if IDIOPT3 = 0 and noobs=0)
            ------------------------------------

            Bottom and top of layer through
            which the domain-scale winds
            are computed
            (ZUPWND(1), ZUPWND(2))         Defaults: 1., 1000. ! ZUPWND= 1.,
1000. !
            (Used only if IDIOPT3 = 0, NOOBS>0 and IUPWND>0)    Units:
meters
            -------------------------

         Observed surface wind components
         for wind field module (IDIOPT4)  Default: 0     ! IDIOPT4 = 0 !
            0 = Read WS, WD from a surface
                data file (SURF.DAT)
            1 = Read hourly preprocessed U, V from
                a data file (DIAG.DAT)

         Observed upper air wind components
         for wind field module (IDIOPT5)  Default: 0     ! IDIOPT5 = 0 !
            0 = Read WS, WD from an upper
                air data file (UP1.DAT, UP2.DAT, etc.)
            1 = Read hourly preprocessed U, V from
                a data file (DIAG.DAT)

         LAKE BREEZE INFORMATION

            Use Lake Breeze Module  (LLBREZE)
                                          Default: F       ! LLBREZE = F
!

             Number of lake breeze regions (NBOX)           ! NBOX = 0 !

          X Grid line 1 defining the region of interest
                                              ! XG1 =  !
          X Grid line 2 defining the region of interest
                                              ! XG2 =  !
          Y Grid line 1 defining the region of interest
                                              ! YG1 =  !
          Y Grid line 2 defining the region of interest
                                              ! YG2 =  !

           X Point defining the coastline (Straight line)
                     (XBCST)  (KM)   Default: none    ! XBCST =  !

           Y Point defining the coastline (Straight line)
```

```
                        (YBCST)  (KM)    Default: none    ! YBCST =  !

             X Point defining the coastline (Straight line)
                        (XECST)  (KM)    Default: none    ! XECST =  !

             Y Point defining the coastline (Straight line)
                        (YECST)  (KM)    Default: none    ! YECST =  !


         Number of stations in the region     Default: none ! NLB =  !
         (Surface stations + upper air stations)

         Station ID's  in the region    (METBXID(NLB))
         (Surface stations first, then upper air stations)
           ! METBXID =  !


!END!



--------------------------------------------------------------------------
------

INPUT GROUP: 6 -- Mixing Height, Temperature and Precipitation Parameters
--------------

     EMPIRICAL MIXING HEIGHT CONSTANTS

         Neutral, mechanical equation
         (CONSTB)                                 Default: 1.41   ! CONSTB =
1.41 !
         Convective mixing ht. equation
         (CONSTE)                                 Default: 0.15   ! CONSTE =
0.15 !
         Stable mixing ht. equation
         (CONSTN)                                 Default: 2400.  ! CONSTN =
2400 !
         Overwater mixing ht. equation
         (CONSTW)                                 Default: 0.16   ! CONSTW =
0.16 !
         Absolute value of Coriolis
         parameter (FCORIOL)                      Default: 1.E-4  ! FCORIOL =
0.0001 !
                                                  Units: (1/s)

     SPATIAL AVERAGING OF MIXING HEIGHTS

         Conduct spatial averaging
         (IAVEZI)  (0=no, 1=yes)                  Default: 1      ! IAVEZI = 1
!

         Max. search radius in averaging
         process (MNMDAV)                         Default: 1      ! MNMDAV = 1
!
                                                  Units: Grid
```

```
                                         cells
        Half-angle of upwind looking cone
        for averaging (HAFANG)                    Default: 30.    ! HAFANG =
30 !
                                         Units: deg.
        Layer of winds used in upwind
        averaging (ILEVZI)                        Default: 1      ! ILEVZI = 1
!
        (must be between 1 and NZ)


    CONVECTIVE MIXING HEIGHT OPTIONS:
        Method to compute the convective
        mixing height(IMIHXH)                     Default: 1      ! IMIXH = -1
!
             1: Maul-Carson for land and water cells
            -1: Maul-Carson for land cells only -
               OCD mixing height overwater
             2: Batchvarova and Gryning for land and water cells
            -2: Batchvarova and Gryning for land cells only
               OCD mixing height overwater

        Threshold buoyancy flux required to
        sustain convective mixing height growth
        overland (THRESHL)                        Default: 0.0    ! THRESHL =
0 !
        (expressed as a heat flux            units: W/m3
         per meter of boundary layer)



        Threshold buoyancy flux required to
        sustain convective mixing height growth
        overwater (THRESHW)                       Default: 0.05   ! THRESHW =
0.05 !
        (expressed as a heat flux            units: W/m3
         per meter of boundary layer)



        Option for overwater lapse rates used
        in convective mixing height growth
        (ITWPROG)                                 Default: 0      ! ITWPROG =
0 !
        0 : use SEA.DAT lapse rates and deltaT (or assume neutral
            conditions if missing)
        1 : use prognostic lapse rates (only if IPROG>2)
            and SEA.DAT deltaT (or neutral if missing)
        2 : use prognostic lapse rates and prognostic delta T
            (only if iprog>12 and 3D.DAT version# 2.0 or higher)

        Land Use category ocean in 3D.DAT datasets
        (ILUOC3D)                                 Default: 16     ! ILUOC3D =
16 !
        Note: if 3D.DAT from MM5 version 3.0, iluoc3d = 16
              if MM4.DAT,          typically iluoc3d = 7
```

OTHER MIXING HEIGHT VARIABLES

Minimum potential temperature lapse
rate in the stable layer above the
current convective mixing ht.   Default: 0.001 ! DPTMIN = 0.001 !
(DPTMIN)   Units: deg. K/m
Depth of layer above current conv.
mixing height through which lapse   Default: 200.   ! DZZI = 200 !
rate is computed (DZZI)   Units: meters

Minimum overland mixing height   Default: 50.   ! ZIMIN = 50 !
(ZIMIN)   Units: meters
Maximum overland mixing height   Default: 3000. ! ZIMAX = 3000 !
(ZIMAX)   Units: meters
Minimum overwater mixing height   Default: 50. ! ZIMINW = 50 !
(ZIMINW) -- (Not used if observed   Units: meters
overwater mixing hts. are used)
Maximum overwater mixing height   Default: 3000. ! ZIMAXW = 3000 !
(ZIMAXW) -- (Not used if observed   Units: meters
overwater mixing hts. are used)

OVERWATER SURFACE FLUXES METHOD and PARAMETERS
(ICOARE)   Default: 10   ! ICOARE = 0 !

     0: original deltaT method (OCD)
    10: COARE with no wave parameterization (jwave=0, Charnock)
    11: COARE with wave option jwave=1 (Oost et al.)
        and default wave properties
   -11: COARE with wave option jwave=1 (Oost et al.)
        and observed wave properties (must be in SEA.DAT files)
    12: COARE with wave option 2 (Taylor and Yelland)
        and default wave properties
   -12: COARE with wave option 2 (Taylor and Yelland)
        and observed wave properties (must be in SEA.DAT files)

     Note: When ICOARE=0, similarity wind profile stability PSI functions
            based on Van Ulden and Holtslag (1985) are substituted for
            later formulations used with the COARE module, and temperatures
            used for surface layer parameters are obtained from either the
            nearest surface station temperature or prognostic model 2D

temperatures (if ITPROG=2).

            Coastal/Shallow water length scale (DSHELF)
            (for modified z0 in shallow water)
            (COARE fluxes only)
                                                Default : 0.   ! DSHELF =
0 !
                                                units: km

            COARE warm layer computation (IWARM)   ! IWARM = 0
!
            1: on – 0: off (must be off if SST measured with
            IR radiometer)   Default: 0

            COARE cool skin layer computation (ICOOL)   ! ICOOL = 0
!
            1: on – 0: off (must be off if SST measured with
            IR radiometer)   Default: 0

    RELATIVE HUMIDITY PARAMETERS

      3D relative humidity from observations or
      from prognostic data? (IRHPROG)   Default:0   ! IRHPROG =
0 !

            0 = Use RH from SURF.DAT file
                (only if NOOBS = 0,1)
            1 = Use prognostic RH
                (only if NOOBS = 0,1,2)

    TEMPERATURE PARAMETERS

      3D temperature from observations or
      from prognostic data? (ITPROG)   Default:0   ! ITPROG =
1 !

            0 = Use Surface and upper air stations
                (only if NOOBS = 0)
            1 = Use Surface stations (no upper air observations)
                Use MM5/3D.DAT for upper air data
                (only if NOOBS = 0,1)
            2 = No surface or upper air observations
                Use MM5/3D.DAT for surface and upper air data
                (only if NOOBS = 0,1,2)

      Interpolation type
      (1 = 1/R ; 2 = 1/R**2)   Default:1   ! IRAD = 1
!

      Radius of influence for temperature
      interpolation (TRADKM)   Default: 500.   ! TRADKM =
500 !
                                                Units: km

```
        Maximum Number of stations to include
        in temperature interpolation (NUMTS)  Default: 5        ! NUMTS =
5 !


        Conduct spatial averaging of temp-
        eratures (IAVET)  (0=no, 1=yes)       Default: 1        ! IAVET =
1 !

        (will use mixing ht MNMDAV,HAFANG
         so make sure they are correct)

        Default temperature gradient          Default: -.0098 ! TGDEFB = -
0.0098 !
        below the mixing height over          Units: K/m
        water (TGDEFB)

        Default temperature gradient          Default: -.0045 ! TGDEFA = -
0.0045 !
        above the mixing height over          Units: K/m
        water (TGDEFA)

        Beginning (JWAT1) and ending (JWAT2)
        land use categories for temperature                   ! JWAT1 =
999 !
        interpolation over water -- Make                      ! JWAT2 =
999 !
        bigger than largest land use to disable

    PRECIP INTERPOLATION PARAMETERS

        Method of interpolation (NFLAGP)      Default: 2       ! NFLAGP =
2 !
          (1=1/R,2=1/R**2,3=EXP/R**2)
        Radius of Influence  (SIGMAP)         Default: 100.0 ! SIGMAP =
100. !
          (0.0 => use half dist. btwn         Units: km
           nearest stns w & w/out
           precip when NFLAGP = 3)
        Minimum Precip. Rate Cutoff (CUTP)    Default: 0.01 ! CUTP = 0.01
!
          (values <CUTP = 0.0 mm/hr)          Units: mm/hr
!END!



-----------------------------------------------------------------------
------

INPUT GROUP: 7 -- Surface meteorological station parameters
-------------

     SURFACE STATION VARIABLES
     (One record per station --  12  records in all)
```

```
                   1       2
            Name      ID       X coord.    Y coord.      Time    Anem.
                                  (km)       (km)        zone    Ht.(m)
           --------------------------------------------------------
      ! SS1  ='WAB'       100         643.38      5866.985    4     10   !
      ------------------
            1
               Four character string for station name
               (MUST START IN COLUMN 9)

            2
               Six digit integer for station ID

      !END!


      --------------------------------------------------------------------------
      ------

      INPUT GROUP: 8 -- Upper air meteorological station parameters
      --------------

            UPPER AIR STATION VARIABLES
            (One record per station --  3  records in all)

                   1       2
              Name     ID       X coord.    Y coord.  Time zone
                                   (km)        (km)
              ------------------------------------------------
      * UPPER_STATIONS = *
      ------------------
            1
               Four character string for station name
               (MUST START IN COLUMN 9)

            2
               Five digit integer for station ID

      !END!


      --------------------------------------------------------------------------
      ------

      INPUT GROUP: 9 -- Precipitation station parameters
      --------------

            PRECIPITATION STATION VARIABLES
            (One record per station --  2  records in all)
            (NOT INCLUDED IF NPSTA = 0)

                   1          2
              Name    Station   X coord.   Y coord.
                       Code       (km)       (km)
```

```
          ----------------------------------

* PRECIP_STATIONS = *

-------------------
       1
          Four character string for station name
          (MUST START IN COLUMN 9)

       2
          Six digit station code composed of state
          code (first 2 digits) and station ID (last
          4 digits)

!END!
```

```
--------------- Run title (3 lines) ------------------------------------
------

                      CALPUFF MODEL CONTROL FILE
                      --------------------------


------------------------------------------------------------------------
------

INPUT GROUP: 0 -- Input and Output File Names


--------------
Default Name   Type        File Name
------------   ----        ---------
CALMET.DAT     input    * METDAT = cmet.dat *
     or
ISCMET.DAT     input    * ISCDAT =            *
     or
PLMMET.DAT     input    * PLMDAT =            *
     or
PROFILE.DAT    input    * PRFDAT =            *
SURFACE.DAT    input    * SFCDAT =            *
RESTARTB.DAT   input    * RSTARTB=            *
------------------------------------------------------------------------
-------
CALPUFF.LST    output   ! PUFLST = cpuff.lst   !
CONC.DAT       output   ! CONDAT = cpuff.con   !
DFLX.DAT       output   * DFDAT  =             *
WFLX.DAT       output   * WFDAT  =             *

VISB.DAT       output   * VISDAT =             *
TK2D.DAT       output   * T2DDAT =             *
RHO2D.DAT      output   * RHODAT =             *
RESTARTE.DAT   output   * RSTARTE=             *
------------------------------------------------------------------------
-------
Emission Files
--------------
PTEMARB.DAT    input    * PTDAT  =             *
VOLEMARB.DAT   input    * VOLDAT =             *
BAEMARB.DAT    input    * ARDAT  =             *
LNEMARB.DAT    input    * LNDAT  =             *
------------------------------------------------------------------------
-------
Other Files
-----------
OZONE.DAT      input    * OZDAT  =             *
VD.DAT         input    * VDDAT  =             *
CHEM.DAT       input    * CHEMDAT=             *
H2O2.DAT       input    * H2O2DAT=             *
HILL.DAT       input    * HILDAT=            *
```

```
HILLRCT.DAT    input    * RCTDAT=              *
COASTLN.DAT    input    * CSTDAT=              *
FLUXBDY.DAT    input    * BDYDAT=              *
BCON.DAT       input    * BCNDAT=              *
DEBUG.DAT      output   * DEBUG =              *
MASSFLX.DAT    output   * FLXDAT=              *
MASSBAL.DAT    output   * BALDAT=              *
FOG.DAT        output   * FOGDAT=              *
RISE.DAT       output   * RISDAT=              *
--------------------------------------------------------------------------
-------
All file names will be converted to lower case if LCFILES = T
Otherwise, if LCFILES = F, file names will be converted to UPPER CASE
          T = lower case      ! LCFILES = T !
          F = UPPER CASE
NOTE: (1) file/path names can be up to 70 characters in length


Provision for multiple input files
----------------------------------

     Number of CALMET.DAT files for run (NMETDAT)
                                    Default: 1        ! NMETDAT =   3   !

     Number of PTEMARB.DAT files for run (NPTDAT)
                                    Default: 0        ! NPTDAT =  0  !

     Number of BAEMARB.DAT files for run (NARDAT)
                                    Default: 0        ! NARDAT =  0  !

     Number of VOLEMARB.DAT files for run (NVOLDAT)
                                    Default: 0        ! NVOLDAT =  0  !

  !END!

-------------
Subgroup (0a)
-------------

   The following CALMET.DAT filenames are processed in sequence if
NMETDAT>1

Default Name  Type         File Name
------------  ----         ---------
 none         input    ! METDAT= ../../../calmet/2006/jan_mar/calmet.dat
!   !END!
 none         input    ! METDAT= ../../../calmet/2006/apr_oct/calmet.dat
!   !END!
 none         input    ! METDAT= ../../../calmet/2006/nov_dec/calmet.dat
!   !END!


--------------------------------------------------------------------------
-------
```

```
INPUT GROUP: 1 -- General run control parameters
--------------

    Option to run all periods found
    in the met. file      (METRUN)   Default: 0         ! METRUN =   0  !

          METRUN = 0 - Run period explicitly defined below
          METRUN = 1 - Run all periods in met. file

    Starting date:    Year   (IBYR)  --    No default   ! IBYR  = 2006
!
                      Month  (IBMO)  --    No default   ! IBMO  = 1   !
                      Day    (IBDY)  --    No default   ! IBDY  = 1   !
    Starting time:    Hour   (IBHR)  --    No default   ! IBHR  = 0   !
                      Minute (IBMIN) --    No default   ! IBMIN = 0   !
                      Second (IBSEC) --    No default   ! IBSEC = 0   !

    Ending date:      Year   (IEYR)  --    No default   ! IEYR  = 2007
!
                      Month  (IEMO)  --    No default   ! IEMO  = 1   !
                      Day    (IEDY)  --    No default   ! IEDY  = 1   !
    Ending time:      Hour   (IEHR)  --    No default   ! IEHR  = 0   !
                      Minute (IEMIN) --    No default   ! IEMIN = 0   !
                      Second (IESEC) --    No default   ! IESEC = 0   !

    (These are only used if METRUN = 0)

    Base time zone         (XBTZ) -- No default        ! XBTZ= 4.0  !
    The zone is the number of hours that must be
    ADDED to the time to obtain UTC (or GMT)
    Examples: PST = 8., MST = 7.
              CST = 6., EST = 5.

    Length of modeling time-step (seconds)
    Equal to update period in the primary
    meteorological data files, or an
    integer fraction of it (1/2, 1/3 ...)
    Must be no larger than 1 hour
    (NSECDT)                              Default:3600    ! NSECDT =  3600  !
                                          Units: seconds

    Number of chemical species (NSPEC)
                                          Default: 5      ! NSPEC =  6   !

    Number of chemical species
    to be emitted  (NSE)          Default: 3       ! NSE =  6   !

    Flag to stop run after
    SETUP phase (ITEST)           Default: 2       ! ITEST =  2   !
    (Used to allow checking
    of the model inputs, files, etc.)
          ITEST = 1 - STOPS program after SETUP phase
          ITEST = 2 - Continues with execution of program
```

after SETUP

      Restart Configuration:

          Control flag (MRESTART)   Default: 0   ! MRESTART = 0   !

              0 = Do not read or write a restart file
              1 = Read a restart file at the beginning of
                  the run
              2 = Write a restart file during run
              3 = Read a restart file at beginning of run
                  and write a restart file during run

          Number of periods in Restart
          output cycle (NRESPD)   Default: 0   ! NRESPD = 0   !

               0 = File written only at last period
              >0 = File updated every NRESPD periods

      Meteorological Data Format (METFM)
                                       Default: 1   ! METFM = 1   !

              METFM = 1 - CALMET binary file (CALMET.MET)
              METFM = 2 - ISC ASCII file (ISCMET.MET)
              METFM = 3 - AUSPLUME ASCII file (PLMMET.MET)
              METFM = 4 - CTDM plus tower file (PROFILE.DAT) and
                          surface parameters file (SURFACE.DAT)
              METFM = 5 - AERMET tower file (PROFILE.DAT) and
                          surface parameters file (SURFACE.DAT)

      Meteorological Profile Data Format (MPRFFM)
            (used only for METFM = 1, 2, 3)
                                       Default: 1   ! MPRFFM = 1   !

              MPRFFM = 1 - CTDM plus tower file (PROFILE.DAT)
              MPRFFM = 2 - AERMET tower file (PROFILE.DAT)

      PG sigma-y is adjusted by the factor (AVET/PGTIME)**0.2
      Averaging Time (minutes) (AVET)
                                       Default: 60.0   ! AVET = 60. !
      PG Averaging Time (minutes) (PGTIME)
                                       Default: 60.0   ! PGTIME = 60. !

!END!

INPUT GROUP: 2 -- Technical options

```
         Vertical distribution used in the
         near field (MGAUSS)                        Default: 1       ! MGAUSS = 1
!
            0 = uniform
            1 = Gaussian

         Terrain adjustment method
         (MCTADJ)                                   Default: 3       ! MCTADJ = 3
!
            0 = no adjustment
            1 = ISC-type of terrain adjustment
            2 = simple, CALPUFF-type of terrain
                adjustment
            3 = partial plume path adjustment

         Subgrid-scale complex terrain
         flag (MCTSG)                               Default: 0       ! MCTSG =  0
!
            0 = not modeled
            1 = modeled

         Near-field puffs modeled as
         elongated slugs? (MSLUG)                   Default: 0       ! MSLUG =  0
!
            0 = no
            1 = yes (slug model used)

         Transitional plume rise modeled?
         (MTRANS)                                   Default: 1       ! MTRANS =  1
!
            0 = no  (i.e., final rise only)
            1 = yes (i.e., transitional rise computed)

         Stack tip downwash? (MTIP)         Default: 1       ! MTIP =  1  !
            0 = no  (i.e., no stack tip downwash)
            1 = yes (i.e., use stack tip downwash)

         Method used to compute plume rise for
         point sources not subject to building
         downwash? (MRISE)                          Default: 1       ! MRISE =  1  !
            1 = Briggs plume rise
            2 = Numerical plume rise

         Method used to simulate building
         downwash? (MBDW)                           Default: 1       ! MBDW =   2  !
            1 = ISC method
            2 = PRIME method

         Vertical wind shear modeled above
         stack top? (MSHEAR)                        Default: 0       ! MSHEAR =  0
!
            0 = no  (i.e., vertical wind shear not modeled)
            1 = yes (i.e., vertical wind shear modeled)
```

```
        Puff splitting allowed? (MSPLIT)        Default: 0      ! MSPLIT =  0
!
           0 = no (i.e., puffs not split)
           1 = yes (i.e., puffs are split)

        Chemical mechanism flag (MCHEM)         Default: 1      ! MCHEM =  0
!
           0 = chemical transformation not
               modeled
           1 = transformation rates computed
               internally (MESOPUFF II scheme)
           2 = user-specified transformation
               rates used
           3 = transformation rates computed
               internally (RIVAD/ARM3 scheme)
           4 = secondary organic aerosol formation
               computed (MESOPUFF II scheme for OH)

        Aqueous phase transformation flag (MAQCHEM)
        (Used only if MCHEM = 1, or 3)          Default: 0      ! MAQCHEM =  0
!
           0 = aqueous phase transformation
               not modeled
           1 = transformation rates adjusted
               for aqueous phase reactions

        Wet removal modeled ? (MWET)            Default: 1      ! MWET =  0   !
           0 = no
           1 = yes

        Dry deposition modeled ? (MDRY)         Default: 1      ! MDRY =  1   !
           0 = no
           1 = yes
           (dry deposition method specified
            for each species in Input Group 3)


        Gravitational settling (plume tilt)
        modeled ? (MTILT)                       Default: 0      ! MTILT =  0
!
           0 = no
           1 = yes
           (puff center falls at the gravitational
            settling velocity for 1 particle species)

        Restrictions:
           - MDRY  = 1
           - NSPEC = 1  (must be particle species as well)
           - sg    = 0  GEOMETRIC STANDARD DEVIATION in Group 8 is
                        set to zero for a single particle diameter

        Method used to compute dispersion
        coefficients (MDISP)                    Default: 3      ! MDISP =  2
!
```

```
         1 = dispersion coefficients computed from measured values
             of turbulence, sigma v, sigma w
         2 = dispersion coefficients from internally calculated
             sigma v, sigma w using micrometeorological variables
             (u*, w*, L, etc.)
         3 = PG dispersion coefficients for RURAL areas (computed using
             the ISCST multi-segment approximation) and MP coefficients in
             urban areas
         4 = same as 3 except PG coefficients computed using
             the MESOPUFF II eqns.
         5 = CTDM sigmas used for stable and neutral conditions.
             For unstable conditions, sigmas are computed as in
             MDISP = 3, described above.  MDISP = 5 assumes that
             measured values are read

     Sigma-v/sigma-theta, sigma-w measurements used? (MTURBVW)
     (Used only if MDISP = 1 or 5)           Default: 3      ! MTURBVW =  3
 !
         1 = use sigma-v or sigma-theta measurements
             from PROFILE.DAT to compute sigma-y
             (valid for METFM = 1, 2, 3, 4, 5)
         2 = use sigma-w measurements
             from PROFILE.DAT to compute sigma-z
             (valid for METFM = 1, 2, 3, 4, 5)
         3 = use both sigma-(v/theta) and sigma-w
             from PROFILE.DAT to compute sigma-y and sigma-z
             (valid for METFM = 1, 2, 3, 4, 5)
         4 = use sigma-theta measurements
             from PLMMET.DAT to compute sigma-y
             (valid only if METFM = 3)

     Back-up method used to compute dispersion
     when measured turbulence data are
     missing (MDISP2)                           Default: 3      ! MDISP2 =  3
 !
     (used only if MDISP = 1 or 5)
         2 = dispersion coefficients from internally calculated
             sigma v, sigma w using micrometeorological variables
             (u*, w*, L, etc.)
         3 = PG dispersion coefficients for RURAL areas (computed using
             the ISCST multi-segment approximation) and MP coefficients in
             urban areas
         4 = same as 3 except PG coefficients computed using
             the MESOPUFF II eqns.

     [DIAGNOSTIC FEATURE]
     Method used for Lagrangian timescale for Sigma-y
     (used only if MDISP=1,2 or MDISP2=1,2)
     (MTAULY)                                   Default: 0      ! MTAULY =  0
 !
         0 = Draxler default 617.284 (s)
         1 = Computed as Lag. Length / (.75 q) -- after SCIPUFF
        10 < Direct user input (s)             -- e.g., 306.9
```

```
     [DIAGNOSTIC FEATURE]
     Method used for Advective-Decay timescale for Turbulence
     (used only if MDISP=2 or MDISP2=2)
     (MTAUADV)                                Default: 0      ! MTAUADV =  0
!
        0 = No turbulence advection
        1 = Computed (OPTION NOT IMPLEMENTED)
       10 < Direct user input (s)   -- e.g., 800


     Method used to compute turbulence sigma-v &
     sigma-w using micrometeorological variables
     (Used only if MDISP = 2 or MDISP2 = 2)
     (MCTURB)                                 Default: 1      ! MCTURB =  1
!
        1 = Standard CALPUFF subroutines
        2 = AERMOD subroutines

     PG sigma-y,z adj. for roughness?     Default: 0      ! MROUGH =  0
!
     (MROUGH)
        0 = no
        1 = yes

     Partial plume penetration of             Default: 1      ! MPARTL =  1
!
     elevated inversion modeled for
     point sources?
     (MPARTL)
        0 = no
        1 = yes

     Partial plume penetration of             Default: 1      ! MPARTLBA =  1
!
     elevated inversion modeled for
     buoyant area sources?
     (MPARTLBA)
        0 = no
        1 = yes

     Strength of temperature inversion     Default: 0      ! MTINV =  0  !
     provided in PROFILE.DAT extended records?
     (MTINV)
        0 = no (computed from measured/default gradients)
        1 = yes

     PDF used for dispersion under convective conditions?
                                              Default: 0      ! MPDF =  0  !
     (MPDF)
        0 = no
        1 = yes
```

Sub-Grid TIBL module used for shore line?
                                          Default: 0   ! MSGTIBL = 0
!
        (MSGTIBL)
           0 = no
           1 = yes

        Boundary conditions (concentration) modeled?
                                          Default: 0   ! MBCON = 0 !
        (MBCON)
           0 = no
           1 = yes, using formatted BCON.DAT file
           2 = yes, using unformatted CONC.DAT file

        Note: MBCON > 0 requires that the last species modeled
                be 'BCON'. Mass is placed in species BCON when
                generating boundary condition puffs so that clean
                air entering the modeling domain can be simulated
                in the same way as polluted air. Specify zero
                emission of species BCON for all regular sources.

        Individual source contributions saved?
                                          Default: 0   ! MSOURCE = 0
!
        (MSOURCE)
           0 = no
           1 = yes

        Analyses of fogging and icing impacts due to emissions from
        arrays of mechanically-forced cooling towers can be performed
        using CALPUFF in conjunction with a cooling tower emissions
        processor (CTEMISS) and its associated postprocessors. Hourly
        emissions of water vapor and temperature from each cooling tower
        cell are computed for the current cell configuration and ambient
        conditions by CTEMISS. CALPUFF models the dispersion of these
        emissions and provides cloud information in a specialized format
        for further analysis. Output to FOG.DAT is provided in either
        'plume mode' or 'receptor mode' format.

        Configure for FOG Model output?
                                          Default: 0   ! MFOG = 0   !
        (MFOG)
           0 = no
           1 = yes - report results in PLUME Mode format
           2 = yes - report results in RECEPTOR Mode format

        Test options specified to see if
        they conform to regulatory
        values? (MREG)   Default: 1   ! MREG = 0   !

           0 = NO checks are made
           1 = Technical options must conform to USEPA

```
                 Long Range Transport (LRT) guidance
                         METFM    1 or 2
                         AVET     60. (min)
                         PGTIME   60. (min)
                         MGAUSS   1
                         MCTADJ   3
                         MTRANS   1
                         MTIP     1
                         MRISE    1
                         MCHEM    1 or 3 (if modeling SOx, NOx)
                         MWET     1
                         MDRY     1
                         MDISP    2 or 3
                         MPDF     0 if MDISP=3
                                  1 if MDISP=2
                         MROUGH   0
                         MPARTL   1
                         MPARTLBA 0
                         SYTDEP   550. (m)
                         MHFTSZ   0
                         SVMIN    0.5 (m/s)



     !END!


     ------------------------------------------------------------------------
     ------

     INPUT GROUP: 3a, 3b -- Species list
     ------------------

     ------------
     Subgroup (3a)
     ------------

        The following species are modeled:

     ! CSPEC =          SO2 !          !END!
     ! CSPEC =          NOx !          !END!
     ! CSPEC =          CO !          !END!
     ! CSPEC =          PM1 !          !END!
     ! CSPEC =          PM2 !          !END!
     ! CSPEC =          PM3 !          !END!


                                          Dry
     OUTPUT GROUP
         SPECIES         MODELED         EMITTED         DEPOSITED
     NUMBER
         NAME          (0=NO, 1=YES)   (0=NO, 1=YES)   (0=NO,
     (0=NONE,
        (Limit: 12                                      1=COMPUTED-GAS
     1=1st CGRUP,
```

```
   Characters                                  2=COMPUTED-PARTICLE
2=2nd CGRUP,
   in length)                                  3=USER-SPECIFIED)
3= etc.)

!          SO2  =           1,              1,           0,
0   !
!          NOx  =           1,              1,           0,
0   !
!          CO   =           1,              1,           0,
0   !
!          PM1  =           1,              1,           2,
0   !
!          PM2  =           1,              1,           2,
0   !
!          PM3  =           1,              1,           2,
0   !

!END!
```

   Note: The last species in (3a) must be 'BCON' when using the
          boundary condition option (MBCON > 0). Species BCON should
          typically be modeled as inert (no chem transformation or
          removal).

Subgroup (3b)

  The following names are used for Species-Groups in which results
  for certain species are combined (added) prior to output. The
  CGRUP name will be used as the species name in output files.
  Use this feature to model specific particle-size distributions
  by treating each size-range as a separate species.
  Order must be consistent with 3(a) above.

INPUT GROUP: 4 -- Map Projection and Grid control parameters

     Projection for all (X,Y):

     Map projection
     (PMAP)   Default: UTM   ! PMAP = UTM !

         UTM : Universal Transverse Mercator
         TTM : Tangential Transverse Mercator
         LCC : Lambert Conformal Conic

```
          PS :  Polar Stereographic
          EM :  Equatorial Mercator
        LAZA :  Lambert Azimuthal Equal Area

     False Easting and Northing (km) at the projection origin
     (Used only if PMAP= TTM, LCC, or LAZA)
     (FEAST)                        Default=0.0     ! FEAST  = 0.000  !
     (FNORTH)                       Default=0.0     ! FNORTH = 0.000  !


     UTM zone (1 to 60)
     (Used only if PMAP=UTM)
     (IUTMZN)                       No Default      ! IUTMZN =  19   !


     Hemisphere for UTM projection?
     (Used only if PMAP=UTM)
     (UTMHEM)                       Default: N      ! UTMHEM = N  !
        N   :  Northern hemisphere projection
        S   :  Southern hemisphere projection


     Latitude and Longitude (decimal degrees) of projection origin
     (Used only if PMAP= TTM, LCC, PS, EM, or LAZA)
     (RLAT0)                        No Default      ! RLAT0 = 0N  !
     (RLON0)                        No Default      ! RLON0 = 0E  !


        TTM :  RLON0 identifies central (true N/S) meridian of
projection
               RLAT0 selected for convenience
        LCC :  RLON0 identifies central (true N/S) meridian of
projection
               RLAT0 selected for convenience
        PS  :  RLON0 identifies central (grid N/S) meridian of
projection
               RLAT0 selected for convenience
        EM  :  RLON0 identifies central meridian of projection
               RLAT0 is REPLACED by 0.0N (Equator)
        LAZA:  RLON0 identifies longitude of tangent-point of mapping
plane
               RLAT0 identifies latitude of tangent-point of mapping
plane


     Matching parallel(s) of latitude (decimal degrees) for projection
     (Used only if PMAP= LCC or PS)
     (XLAT1)                        No Default      ! XLAT1 = 0N  !
     (XLAT2)                        No Default      ! XLAT2 = 0N  !


        LCC :  Projection cone slices through Earth's surface at XLAT1
and XLAT2
        PS  :  Projection plane slices through Earth at XLAT1
               (XLAT2 is not used)


     ----------
     Note:  Latitudes and longitudes should be positive, and include a
            letter N,S,E, or W indicating north or south latitude, and
            east or west longitude.  For example,
```

```
            35.9  N Latitude  =   35.9N
            118.7 E Longitude = 118.7E


      Datum-region
      ------------


      The Datum-Region for the coordinates is identified by a character
      string.  Many mapping products currently available use the model of
the
      Earth known as the World Geodetic System 1984 (WGS-84).  Other local
      models may be in use, and their selection in CALMET will make its
output
      consistent with local mapping products.  The list of Datum-Regions
with
      official transformation parameters is provided by the National
Imagery and
      Mapping Agency (NIMA).

      NIMA Datum - Regions(Examples)
      -------------------------------------------------------------------
----------
      WGS-84     WGS-84 Reference Ellipsoid and Geoid, Global coverage
(WGS84)
      NAS-C      NORTH AMERICAN 1927 Clarke 1866 Spheroid, MEAN FOR CONUS
(NAD27)
      NAR-C      NORTH AMERICAN 1983 GRS 80 Spheroid, MEAN FOR CONUS
(NAD83)
      NWS-84     NWS 6370KM Radius, Sphere
      ESR-S      ESRI REFERENCE 6371KM Radius, Sphere


      Datum-region for output coordinates
      (DATUM)                        Default: WGS-84    ! DATUM = WGS-84  !



METEOROLOGICAL Grid:


      Rectangular grid defined for projection PMAP,
      with X the Easting and Y the Northing coordinate

            No. X grid cells (NX)      No default      ! NX =  40    !
            No. Y grid cells (NY)      No default      ! NY =  40    !
        No. vertical layers (NZ)      No default      ! NZ =  8     !

         Grid spacing (DGRIDKM)      No default      ! DGRIDKM = 1 !
                                     Units: km


              Cell face heights
                 (ZFACE(nz+1))      No defaults
                                     Units: m
        ! ZFACE = 0.,20.,50.,100.,200.,500.,1000.,2000.,3300. !


             Reference Coordinates
             of SOUTHWEST corner of
```

```
                  grid cell(1, 1):

             X coordinate (XORIGKM)      No default      ! XORIGKM =
618.6040 !
             Y coordinate (YORIGKM)      No default      ! YORIGKM =
5838.3870 !
                                         Units: km


COMPUTATIONAL Grid:

     The computational grid is identical to or a subset of the MET. grid.
     The lower left (LL) corner of the computational grid is at grid
point
     (IBCOMP, JBCOMP) of the MET. grid.  The upper right (UR) corner of
the
     computational grid is at grid point (IECOMP, JECOMP) of the MET.
grid.
     The grid spacing of the computational grid is the same as the MET.
grid.

         X index of LL corner (IBCOMP)      No default      ! IBCOMP =  1
!
                   (1 <= IBCOMP <= NX)

         Y index of LL corner (JBCOMP)      No default      ! JBCOMP =  1
!
                   (1 <= JBCOMP <= NY)



         X index of UR corner (IECOMP)      No default      ! IECOMP =  40
!
                   (1 <= IECOMP <= NX)

         Y index of UR corner (JECOMP)      No default      ! JECOMP =  40
!
                   (1 <= JECOMP <= NY)



SAMPLING Grid (GRIDDED RECEPTORS):

     The lower left (LL) corner of the sampling grid is at grid point
     (IBSAMP, JBSAMP) of the MET. grid.  The upper right (UR) corner of
the
     sampling grid is at grid point (IESAMP, JESAMP) of the MET. grid.
     The sampling grid must be identical to or a subset of the
computational
     grid.  It may be a nested grid inside the computational grid.
     The grid spacing of the sampling grid is DGRIDKM/MESHDN.

         Logical flag indicating if gridded
         receptors are used (LSAMP)          Default: T      ! LSAMP = F !
         (T=yes, F=no)
```

```
         X index of LL corner (IBSAMP)      No default      ! IBSAMP =  0
!
         (IBCOMP <= IBSAMP <= IECOMP)

         Y index of LL corner (JBSAMP)      No default      ! JBSAMP =  0
!
         (JBCOMP <= JBSAMP <= JECOMP)


         X index of UR corner (IESAMP)      No default      ! IESAMP =  0
!
         (IBCOMP <= IESAMP <= IECOMP)

         Y index of UR corner (JESAMP)      No default      ! JESAMP =  0
!
         (JBCOMP <= JESAMP <= JECOMP)


      Nesting factor of the sampling
        grid (MESHDN)                       Default: 1      ! MESHDN =  1
!
         (MESHDN is an integer >= 1)

!END!


--------------------------------------------------------------------------
------


INPUT GROUP: 5 -- Output Options
--------------
                                            *                          *
      FILE                     DEFAULT VALUE           VALUE THIS RUN
      ----                     -------------           -------------

   Concentrations (ICON)            1                  !  ICON =  1
!
   Dry Fluxes (IDRY)                1                  !  IDRY =  1
!
   Wet Fluxes (IWET)                1                  !  IWET =  0
!
   2D Temperature (IT2D)            0                  !  IT2D =  0
!
   2D Density (IRHO)                0                  !  IRHO =  0
!
   Relative Humidity (IVIS)         1                  !  IVIS =  0
!
     (relative humidity file is
      required for visibility
      analysis)
   Use data compression option in output file?
     (LCOMPRS)                           Default: T       ! LCOMPRS = T !
```

```
     *
      0 = Do not create file, 1 = create file


       QA PLOT FILE OUTPUT OPTION:

          Create a standard series of output files (e.g.
          locations of sources, receptors, grids ...)
          suitable for plotting?
          (IQAPLOT)                          Default: 1         !  IQAPLOT =  1
 !
             0 = no
             1 = yes

       DIAGNOSTIC MASS FLUX OUTPUT OPTIONS:

          Mass flux across specified boundaries
          for selected species reported?
          (IMFLX)                            Default: 0         !  IMFLX =  0  !
             0 = no
             1 = yes (FLUXBDY.DAT and MASSFLX.DAT filenames
                    are specified in Input Group 0)

          Mass balance for each species
          reported?
          (IMBAL)                            Default: 0         !  IMBAL =  0  !
             0 = no
             1 = yes (MASSBAL.DAT filename is
                  specified in Input Group 0)


       NUMERICAL RISE OUTPUT OPTION:

          Create a file with plume properties for each rise
          increment, for each model timestep?
          This applies to sources modeled with numerical rise
          and is limited to ONE source in the run.
          (INRISE)                           Default: 0         !  INRISE =  0
 !
             0 = no
             1 = yes (RISE.DAT filename is
                    specified in Input Group 0)


       LINE PRINTER OUTPUT OPTIONS:

          Print concentrations (ICPRT)    Default: 0         !  ICPRT =  0
 !
          Print dry fluxes (IDPRT)        Default: 0         !  IDPRT =  0
 !
          Print wet fluxes (IWPRT)        Default: 0         !  IWPRT =  0
 !
          (0 = Do not print, 1 = Print)
```

```
        Concentration print interval
        (ICFRQ) in timesteps              Default: 1          ! ICFRQ =  1
!
        Dry flux print interval
        (IDFRQ) in timesteps              Default: 1          ! IDFRQ =  1
!
        Wet flux print interval
        (IWFRQ) in timesteps              Default: 1          ! IWFRQ =  1
!


        Units for Line Printer Output
        (IPRTU)                           Default: 1          ! IPRTU =  1
!
                        for               for
                   Concentration      Deposition
           1 =        g/m**3           g/m**2/s
           2 =        mg/m**3          mg/m**2/s
           3 =        ug/m**3          ug/m**2/s
           4 =        ng/m**3          ng/m**2/s
           5 =      Odour Units

        Messages tracking progress of run
        written to the screen ?
        (IMESG)                           Default: 2          ! IMESG =  2
!
           0 = no
           1 = yes (advection step, puff ID)
           2 = yes (YYYYJJJHH, # old puffs, # emitted puffs)



      SPECIES (or GROUP for combined species) LIST FOR OUTPUT OPTIONS

                    ---- CONCENTRATIONS ----   ------ DRY FLUXES ------   --
---- WET FLUXES ------   -- MASS FLUX --
    SPECIES
    /GROUP        PRINTED?  SAVED ON DISK?   PRINTED?  SAVED ON DISK?
PRINTED?  SAVED ON DISK?   SAVED ON DISK?
    -------       ----------------------   ----------------------   --
---------------------   --------------
!        SO2 =      0,             1,            0,            0,
0,         0,            0   !
!        NOx =      0,             1,            0,            0,
0,         0,            0   !
!        CO =      0,             1,            0,            0,
0,         0,            0   !
!        PM1 =      0,             1,            0,            1,
0,         0,            0   !
!        PM2 =      0,             1,            0,            1,
0,         0,            0   !
!        PM3 =      0,             1,            0,            1,
0,         0,            0   !

   Note:  Species BCON (for MBCON > 0) does not need to be saved on disk.
```

OPTIONS FOR PRINTING "DEBUG" QUANTITIES (much output)

```
          Logical for debug output
          (LDEBUG)                              Default: F     ! LDEBUG =
F !


          First puff to track
          (IPFDEB)                              Default: 1     ! IPFDEB =
1  !


          Number of puffs to track
          (NPFDEB)                              Default: 1     ! NPFDEB =
1  !


          Met. period to start output
          (NN1)                                 Default: 1     ! NN1 =  1
!


          Met. period to end output
          (NN2)                                 Default: 10    ! NN2 =
10  !


          !END!
```

INPUT GROUP: 6a, 6b, & 6c -- Subgrid scale complex terrain inputs
----

Subgroup (6a)

```
          Number of terrain features (NHILL)    Default: 0     ! NHILL =
0   !


          Number of special complex terrain
          receptors  (NCTREC)                   Default: 0     ! NCTREC =
0   !


          Terrain and CTSG Receptor data for
          CTSG hills input in CTDM format ?
          (MHILL)                               No Default     ! MHILL =
2  !
          1 = Hill and Receptor data created
              by CTDM processors & read from
              HILL.DAT and HILLRCT.DAT files
          2 = Hill data created by OPTHILL &
              input below in Subgroup (6b);
              Receptor data in Subgroup (6c)
```

```
       Factor to convert horizontal dimensions  Default: 1.0   ! XHILL2M
= 1.0 !
       to meters (MHILL=1)

       Factor to convert vertical dimensions    Default: 1.0   ! ZHILL2M
= 1.0 !
       to meters (MHILL=1)

       X-origin of CTDM system relative to      No Default     ! XCTDMKM
= 0 !
       CALPUFF coordinate system, in Kilometers (MHILL=1)

       Y-origin of CTDM system relative to      No Default     ! YCTDMKM
= 0 !
       CALPUFF coordinate system, in Kilometers (MHILL=1)

! END !

---------------
Subgroup (6b)
---------------

                       1 **
     HILL information


HILL          XC        YC       THETAH  ZGRID  RELIEF    EXPO 1    EXPO
2    SCALE 1    SCALE 2    AMAX1    AMAX2
 NO.         (km)      (km)      (deg.)  (m)     (m)        (m)       (m)
(m)        (m)        (m)       (m)
----         ----      ----      ------  -----  ------    ------    ----
--    -------    -------    -----    -----

---------------
Subgroup (6c)
---------------

    COMPLEX TERRAIN RECEPTOR INFORMATION

                          XRCT        YRCT        ZRCT        XHH
                          (km)        (km)        (m)
                         ------       -----       ------      ----


------------------
1
     Description of Complex Terrain Variables:
         XC, YC = Coordinates of center of hill
         THETAH = Orientation of major axis of hill (clockwise from
                  North)
         ZGRID  = Height of the  0  of the grid above mean sea
                  level
```

```
          RELIEF   = Height of the crest of the hill above the grid
elevation
          EXPO 1   = Hill-shape exponent for the major axis
          EXPO 2   = Hill-shape exponent for the major axis
          SCALE 1  = Horizontal length scale along the major axis
          SCALE 2  = Horizontal length scale along the minor axis
          AMAX     = Maximum allowed axis length for the major axis
          BMAX     = Maximum allowed axis length for the major axis

          XRCT, YRCT = Coordinates of the complex terrain receptors
          ZRCT     = Height of the ground (MSL) at the complex terrain
                     Receptor
          XHH      = Hill number associated with each complex terrain
receptor
                    (NOTE: MUST BE ENTERED AS A REAL NUMBER)

     **
       NOTE: DATA for each hill and CTSG receptor are treated as a separate
             input subgroup and therefore must end with an input group
terminator.
```


```
INPUT GROUP: 7 -- Chemical parameters for dry deposition of gases
--------------
```

```
      SPECIES      DIFFUSIVITY      ALPHA STAR       REACTIVITY
MESOPHYLL RESISTANCE     HENRY'S LAW COEFFICIENT
       NAME          (cm**2/s)
(s/cm)                  (dimensionless)
      -------      -----------      ----------      ----------     --------
-----------     ----------------------
```

```
!END!
```


```
INPUT GROUP: 8 -- Size parameters for dry deposition of particles
--------------

     For SINGLE SPECIES, the mean and standard deviation are used to
     compute a deposition velocity for NINT (see group 9) size-ranges,
     and these are then averaged to obtain a mean deposition velocity.

     For GROUPED SPECIES, the size distribution should be explicitly
     specified (by the 'species' in the group), and the standard
deviation
     for each should be entered as 0.  The model will then use the
```

deposition velocity for the stated mean diameter.

          SPECIES   GEOMETRIC MASS MEAN   GEOMETRIC STANDARD
           NAME   DIAMETER   DEVIATION
                            (microns)   (microns)

          -------   ------------------   ------------------
!   PM1 =   20.0,   1.2418578   !
!   PM2 =   5.0,   1.2418578   !
!   PM3 =   1.25,   1.2418578   !
!END!

INPUT GROUP: 9 -- Miscellaneous dry deposition parameters

      Reference cuticle resistance (s/cm)
      (RCUTR)   Default: 30   ! RCUTR = 30.0 !
      Reference ground resistance (s/cm)
      (RGR)   Default: 10   !   RGR = 10.0 !
      Reference pollutant reactivity
      (REACTR)   Default: 8   ! REACTR = 8.0 !

      Number of particle-size intervals used to
      evaluate effective particle deposition velocity
      (NINT)   Default: 9   !   NINT = 5 !

      Vegetation state in unirrigated areas
      (IVEG)   Default: 1   !   IVEG = 1   !
         IVEG=1 for active and unstressed vegetation
         IVEG=2 for active and stressed vegetation
         IVEG=3 for inactive vegetation

    !END!

INPUT GROUP: 10 -- Wet Deposition Parameters

                      Scavenging Coefficient -- Units: (sec)**(-1)

        Pollutant   Liquid Precip.   Frozen Precip.
        ---------   --------------   --------------

    !END!

INPUT GROUP: 11 -- Chemistry Parameters

     Ozone data input option (MOZ)   Default: 1   ! MOZ = 1
!
     (Used only if MCHEM = 1, 3, or 4)
        0 = use a monthly background ozone value
        1 = read hourly ozone concentrations from
            the OZONE.DAT data file

     Monthly ozone concentrations
     (Used only if MCHEM = 1, 3, or 4 and
      MOZ = 0 or MOZ = 1 and all hourly O3 data missing)
     (BCKO3) in ppb   Default: 12*80.
     ! BCKO3 = 80.00, 80.00, 80.00, 80.00, 80.00, 80.00, 80.00, 80.00,
80.00, 80.00, 80.00, 80.00 !

     Monthly ammonia concentrations
     (Used only if MCHEM = 1, or 3)
     (BCKNH3) in ppb   Default: 12*10.
     ! BCKNH3 = 10.00, 10.00, 10.00, 10.00, 10.00, 10.00, 10.00, 10.00,
10.00, 10.00, 10.00, 10.00 !

     Nighttime SO2 loss rate (RNITE1)
     in percent/hour   Default: 0.2   ! RNITE1 =
.2 !

     Nighttime NOx loss rate (RNITE2)
     in percent/hour   Default: 2.0   ! RNITE2 =
2.0 !

     Nighttime HNO3 formation rate (RNITE3)
     in percent/hour   Default: 2.0   ! RNITE3 =
2.0 !

     H2O2 data input option (MH2O2)   Default: 1   ! MH2O2 = 1
!
     (Used only if MAQCHEM = 1)
        0 = use a monthly background H2O2 value
        1 = read hourly H2O2 concentrations from
            the H2O2.DAT data file

     Monthly H2O2 concentrations
     (Used only if MQACHEM = 1 and
      MH2O2 = 0 or MH2O2 = 1 and all hourly H2O2 data missing)
     (BCKH2O2) in ppb   Default: 12*1.
     ! BCKH2O2 = 1.00, 1.00, 1.00, 1.00, 1.00, 1.00, 1.00, 1.00, 1.00,
1.00, 1.00, 1.00 !

```
 --- Data for SECONDARY ORGANIC AEROSOL (SOA) Option
     (used only if MCHEM = 4)

     The SOA module uses monthly values of:
         Fine particulate concentration in ug/m^3 (BCKPMF)
         Organic fraction of fine particulate     (OFRAC)
         VOC / NOX ratio (after reaction)          (VCNX)
     to characterize the air mass when computing
     the formation of SOA from VOC emissions.
     Typical values for several distinct air mass types are:

        Month    1    2    3    4    5    6    7    8    9   10   11   12
                Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sep  Oct  Nov
Dec

     Clean Continental
        BCKPMF   1.   1.   1.   1.   1.   1.   1.   1.   1.   1.   1.
1.
        OFRAC  .15  .15  .20  .20  .20  .20  .20  .20  .20  .20  .20  .15
        VCNX    50.  50.  50.  50.  50.  50.  50.  50.  50.  50.  50.
50.

     Clean Marine (surface)
        BCKPMF   .5   .5   .5   .5   .5   .5   .5   .5   .5   .5   .5   .5
        OFRAC  .25  .25  .30  .30  .30  .30  .30  .30  .30  .30  .30  .25
        VCNX    50.  50.  50.  50.  50.  50.  50.  50.  50.  50.  50.
50.

     Urban - low biogenic (controls present)
        BCKPMF 30.  30.  30.  30.  30.  30.  30.  30.  30.  30.  30.
30.
        OFRAC  .20  .20  .25  .25  .25  .25  .25  .25  .20  .20  .20  .20
        VCNX     4.   4.   4.   4.   4.   4.   4.   4.   4.   4.   4.
4.

     Urban - high biogenic (controls present)
        BCKPMF 60.  60.  60.  60.  60.  60.  60.  60.  60.  60.  60.
60.
        OFRAC  .25  .25  .30  .30  .30  .55  .55  .55  .35  .35  .35  .25
        VCNX    15.  15.  15.  15.  15.  15.  15.  15.  15.  15.  15.
15.

     Regional Plume
        BCKPMF 20.  20.  20.  20.  20.  20.  20.  20.  20.  20.  20.
20.
        OFRAC  .20  .20  .25  .35  .25  .40  .40  .40  .30  .30  .30  .20
        VCNX    15.  15.  15.  15.  15.  15.  15.  15.  15.  15.  15.
15.

     Urban - no controls present
        BCKPMF 100. 100. 100. 100. 100. 100. 100. 100. 100. 100. 100.
100.
        OFRAC  .30  .30  .35  .35  .35  .55  .55  .55  .35  .35  .35  .30
```

```
     VCNX     2.   2.   2.   2.   2.   2.   2.   2.   2.   2.   2.
2.

     Default: Clean Continental
     !  BCKPMF = 1.00, 1.00, 1.00, 1.00, 1.00, 1.00, 1.00, 1.00, 1.00,
1.00, 1.00, 1.00 !
     !  OFRAC  = 0.15, 0.15, 0.20, 0.20, 0.20, 0.20, 0.20, 0.20, 0.20,
0.20, 0.20, 0.15 !
     !  VCNX   = 50.00, 50.00, 50.00, 50.00, 50.00, 50.00, 50.00, 50.00,
50.00, 50.00, 50.00, 50.00 !


!END!


--------------------------------------------------------------------------
------


INPUT GROUP: 12 -- Misc. Dispersion and Computational Parameters
---------------


     Horizontal size of puff (m) beyond which
     time-dependent dispersion equations (Heffter)
     are used to determine sigma-y and
     sigma-z (SYTDEP)                              Default: 550.   ! SYTDEP
= 5.5E02 !

     Switch for using Heffter equation for sigma z
     as above (0 = Not use Heffter; 1 = use Heffter
     (MHFTSZ)                                      Default: 0      ! MHFTSZ
=  0    !

     Stability class used to determine plume
     growth rates for puffs above the boundary
     layer (JSUP)                                  Default: 5      ! JSUP =
5   !

     Vertical dispersion constant for stable
     conditions (k1 in Eqn. 2.7-3)  (CONK1)    Default: 0.01   ! CONK1 =
.01 !

     Vertical dispersion constant for neutral/
     unstable conditions (k2 in Eqn. 2.7-4)
     (CONK2)                                       Default: 0.1    ! CONK2 =
.1 !

     Factor for determining Transition-point from
     Schulman-Scire to Huber-Snyder Building Downwash
     scheme (SS used for Hs < Hb + TBD * HL)
     (TBD)                                         Default: 0.5    ! TBD =
.5 !
          TBD < 0   ==> always use Huber-Snyder
          TBD = 1.5 ==> always use Schulman-Scire
```

```
          TBD = 0.5 ==> ISC Transition-point

     Range of land use categories for which
     urban dispersion is assumed
      (IURB1, IURB2)                                    Default: 10      ! IURB1 =
10  !
                                                        19      ! IURB2 =
19  !

     Site characterization parameters for single-point Met data files ---
------
     (needed for METFM = 2,3,4,5)

        Land use category for modeling domain
        (ILANDUIN)                                      Default: 20      !
ILANDUIN =  20  !

        Roughness length (m) for modeling domain
        (Z0IN)                                          Default: 0.25   ! Z0IN =
.25 !

        Leaf area index for modeling domain
        (XLAIIN)                                        Default: 3.0     ! XLAIIN
= 3.0 !

        Elevation above sea level (m)
        (ELEVIN)                                        Default: 0.0     ! ELEVIN
= .0 !

        Latitude (degrees) for met location
        (XLATIN)                                        Default: -999.  ! XLATIN
= -999.0 !

        Longitude (degrees) for met location
        (XLONIN)                                        Default: -999.  ! XLONIN
= -999.0 !

     Specialized information for interpreting single-point Met data files
-----

        Anemometer height (m) (Used only if METFM = 2,3)
        (ANEMHT)                                        Default: 10.    ! ANEMHT
= 10.0 !

        Form of lateral turbulance data in PROFILE.DAT file
        (Used only if METFM = 4,5 or MTURBVW = 1 or 3)
        (ISIGMAV)                                       Default: 1       ! ISIGMAV
=  1  !
            0 = read sigma-theta
            1 = read sigma-v

        Choice of mixing heights (Used only if METFM = 4)
        (IMIXCTDM)                                      Default: 0       !
IMIXCTDM =  0   !
```

```
            0 = read PREDICTED mixing heights
            1 = read OBSERVED mixing heights

     Maximum length of a slug (met. grid units)
     (XMXLEN)                                        Default: 1.0    ! XMXLEN
= 1.0 !

     Maximum travel distance of a puff/slug (in
     grid units) during one sampling step
     (XSAMLEN)                                       Default: 1.0    ! XSAMLEN
= 1.0 !

     Maximum Number of slugs/puffs release from
     one source during one time step
     (MXNEW)                                         Default: 99     ! MXNEW =
99   !

     Maximum Number of sampling steps for
     one puff/slug during one time step
     (MXSAM)                                         Default: 99     ! MXSAM =
99   !

     Number of iterations used when computing
     the transport wind for a sampling step
     that includes gradual rise (for CALMET
     and PROFILE winds)
     (NCOUNT)                                        Default: 2      ! NCOUNT
=  2   !

     Minimum sigma y for a new puff/slug (m)
     (SYMIN)                                         Default: 1.0    ! SYMIN =
1.0  !

     Minimum sigma z for a new puff/slug (m)
     (SZMIN)                                         Default: 1.0    ! SZMIN =
1.0  !

     Maximum sigma z (m) allowed to avoid
     numerical problem in calculating virtual
     time or distance.  Cap should be large
     enough to have no influence on normal events.
     Enter a negative cap to disable.
     (SZCAP_M)                                       Default: 5.0e06 ! SZCAP_M
= 5.0E06 !

     Default minimum turbulence velocities sigma-v and sigma-w
     for each stability class over land and over water (m/s)
     (SVMIN(12) and SWMIN(12))

                    ---------- LAND ----------       --------- WATER
----------
        Stab Class : A    B    C    D    E    F       A    B    C    D
E    F
```

```
                           --- --- --- --- --- ---      --- --- --- --
-  ---  ---
     Default SVMIN : .50, .50, .50, .50, .50, .50,      .37, .37, .37,
.37, .37, .37
     Default SWMIN : .20, .12, .08, .06, .03, .016,      .20, .12, .08,
.06, .03, .016

           ! SVMIN = 0.500, 0.500, 0.500, 0.500, 0.500, 0.500, 0.370,
0.370, 0.370, 0.370, 0.370, 0.370!
           ! SWMIN = 0.200, 0.120, 0.080, 0.060, 0.030, 0.016, 0.200,
0.120, 0.080, 0.060, 0.030, 0.016!

     Divergence criterion for dw/dz across puff
     used to initiate adjustment for horizontal
     convergence (1/s)
     Partial adjustment starts at CDIV(1), and
     full adjustment is reached at CDIV(2)
     (CDIV(2))                                  Default: 0.0,0.0  ! CDIV
= .0, .0 !

     Search radius (number of cells) for nearest
     land and water cells used in the subgrid
     TIBL module
     (NLUTIBL)                                  Default: 4       ! NLUTIBL
=  4  !

     Minimum wind speed (m/s) allowed for
     non-calm conditions. Also used as minimum
     speed returned when using power-law
     extrapolation toward surface
     (WSCALM)                                   Default: 0.5     ! WSCALM
= .5 !

     Maximum mixing height (m)
     (XMAXZI)                                   Default: 3000.  ! XMAXZI
= 3000.0 !

     Minimum mixing height (m)
     (XMINZI)                                   Default: 50.    ! XMINZI
= 50.0 !

     Default wind speed classes --
     5 upper bounds (m/s) are entered;
     the 6th class has no upper limit
     (WSCAT(5))                      Default   :
                                     ISC RURAL : 1.54, 3.09, 5.14, 8.23,
10.8 (10.8+)

                              Wind Speed Class :  1     2     3     4
5
                                                 ---   ---   ---   ---
---
                                     ! WSCAT = 1.54, 3.09, 5.14, 8.23,
10.80 !
```

```
Default wind speed profile power-law
exponents for stabilities 1-6
(PLX0(6))                              Default   : ISC RURAL values
                                       ISC RURAL : .07, .07, .10, .15, .35,
.55
                                       ISC URBAN : .15, .15, .20, .25, .30,
.30

                                       Stability Class :  A     B     C     D
E     F
                                                          ---   ---   ---   ---
---   ---
                                       ! PLX0 = 0.07, 0.07, 0.10, 0.15,
0.35, 0.55 !

Default potential temperature gradient
for stable classes E, F (degK/m)
(PTG0(2))                              Default: 0.020, 0.035
                                       ! PTG0 = 0.020,   0.035 !

Default plume path coefficients for
each stability class (used when option
for partial plume height terrain adjustment
is selected -- MCTADJ=3)
(PPC(6))                 Stability Class :  A     B     C     D
E     F
                         Default  PPC : .50,  .50,  .50,  .50,
.35,  .35
                                          ---   ---   ---   ---
---   ---
                                       !  PPC = 0.50, 0.50, 0.50, 0.50,
0.35, 0.35 !

Slug-to-puff transition criterion factor
equal to sigma-y/length of slug
(SL2PF)                                Default: 10.        ! SL2PF =
10.0 !

Puff-splitting control variables ------------------------

  VERTICAL SPLIT
  --------------

  Number of puffs that result every time a puff
  is split - nsplit=2 means that 1 puff splits
  into 2
  (NSPLIT)                             Default:   3        ! NSPLIT =
3  !

  Time(s) of a day when split puffs are eligible to
  be split once again; this is typically set once
  per day, around sunset before nocturnal shear develops.
  24 values: 0 is midnight (00:00) and 23 is 11 PM (23:00)
```

```
        0=do not re-split    1=eligible for re-split
        (IRESPLIT(24))                         Default:  Hour 17 = 1
        !  IRESPLIT = 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0 !

        Split is allowed only if last hour's mixing
        height (m) exceeds a minimum value
        (ZISPLIT)                              Default: 100.       ! ZISPLIT
= 100.0 !

        Split is allowed only if ratio of last hour's
        mixing ht to the maximum mixing ht experienced
        by the puff is less than a maximum value (this
        postpones a split until a nocturnal layer develops)
        (ROLDMAX)                              Default: 0.25       ! ROLDMAX
= 0.25 !


        HORIZONTAL SPLIT
        ----------------

        Number of puffs that result every time a puff
        is split - nsplith=5 means that 1 puff splits
        into 5
        (NSPLITH)                              Default:   5        ! NSPLITH
=  5  !

        Minimum sigma-y (Grid Cells Units) of puff
        before it may be split
        (SYSPLITH)                             Default: 1.0        ! SYSPLITH
= 1.0 !

        Minimum puff elongation rate (SYSPLITH/hr) due to
        wind shear, before it may be split
        (SHSPLITH)                             Default:  2.        ! SHSPLITH
= 2.0 !

        Minimum concentration (g/m^3) of each
        species in puff before it may be split
        Enter array of NSPEC values; if a single value is
        entered, it will be used for ALL species
        (CNSPLITH)                             Default:  1.0E-07   ! CNSPLITH
= 1.0E-07 !

    Integration control variables ------------------------

        Fractional convergence criterion for numerical SLUG
        sampling integration
        (EPSSLUG)                              Default:   1.0e-04  ! EPSSLUG
= 1.0E-04 !

        Fractional convergence criterion for numerical AREA
        source integration
        (EPSAREA)                              Default:   1.0e-06  ! EPSAREA
= 1.0E-06 !
```

Trajectory step-length (m) used for numerical rise
        integration
        (DSRISE)   Default: 1.0   ! DSRISE =
1.0 !

        Boundary Condition (BC) Puff control variables ------------------
-----

        Minimum height (m) to which BC puffs are mixed as they are emitted
        (MBCON=2 ONLY). Actual height is reset to the current mixing
height
        at the release point if greater than this minimum.
        (HTMINBC)   Default: 500.   ! HTMINBC
= 500.0 !

        Search radius (km) about a receptor for sampling nearest BC puff.
        BC puffs are typically emitted with a spacing of one grid cell
        length, so the search radius should be greater than DGRIDKM.
        (RSAMPBC)   Default: 10.   ! RSAMPBC
= 10.0 !

        Near-Surface depletion adjustment to concentration profile used
when
        sampling BC puffs?
        (MDEPBC)   Default: 1   ! MDEPBC =
1 !
            0 = Concentration is NOT adjusted for depletion
            1 = Adjust Concentration for depletion

    !END!

INPUT GROUPS: 13a, 13b, 13c, 13d -- Point source parameters

Subgroup (13a)

        Number of point sources with
        parameters provided below   (NPT1) No default ! NPT1 = 0 !

        Units used for point source
        emissions below   (IPTU) Default: 1 ! IPTU =   1 !
            1 =   g/s
            2 =   kg/hr
            3 =   lb/hr
            4 =   tons/yr
            5 =   Odour Unit * m**3/s (vol. flux of odour compound)

```
               6 =        Odour Unit * m**3/min
               7 =        metric tons/yr

        Number of source-species
        combinations with variable
        emissions scaling factors
        provided below in (13d)          (NSPT1) Default: 0  !  NSPT1 =  0  !

        Number of point sources with
        variable emission parameters
        provided in external file        (NPT2)  No default  !  NPT2 =  0  !

        (If NPT2 > 0, these point
        source emissions are read from
        the file: PTEMARB.DAT)

!END!

---------------
Subgroup (13b)
---------------
                                             a
            POINT SOURCE: CONSTANT DATA
            ----------------------------

b            c
  Source         X          Y        Stack    Base      Stack     Exit  Exit
Bldg.  Emission
   No.       Coordinate Coordinate Height  Elevation Diameter  Vel.  Temp.
Dwash    Rates
              (km)       (km)        (m)      (m)        (m)  (m/s) (deg. K)
   ------    ---------- ---------- ------  ------    -------- ----- --------
----- --------
*__POINT__*
--------

     a
     Data for each source are treated as a separate input subgroup
     and therefore must end with an input group terminator.

     SRCNAM  is a 12-character name for a source
             (No default)
     X       is an array holding the source data listed by the column
headings
             (No default)
     SIGYZI  is an array holding the initial sigma-y and sigma-z (m)
             (Default: 0.,0.)
     FMFAC   is a vertical momentum flux factor (0. or 1.0) used to
represent
             the effect of rain-caps or other physical configurations
that
             reduce momentum rise associated with the actual exit
velocity.
             (Default: 1.0  -- full momentum used)
```

```
     ZPLTFM   is the platform height (m) for sources influenced by an
isolated
             structure that has a significant open area between the
surface
             and the bulk of the structure, such as an offshore oil
platform.
             The Base Elevation is that of the surface (ground or ocean),
             and the Stack Height is the release height above the Base
(not
             above the platform).  Building heights entered in Subgroup
13c
             must be those of the buildings on the platform, measured
from
             the platform deck.  ZPLTFM is used only with MBDW=1 (ISC
             downwash method) for sources with building downwash.
             (Default: 0.0)

    b
     0. = No building downwash modeled
     1. = Downwash modeled for buildings resting on the surface
     2. = Downwash modeled for buildings raised above the surface (ZPLTFM
> 0.)
     NOTE: must be entered as a REAL number (i.e., with decimal point)

    c
     An emission rate must be entered for every pollutant modeled.
     Enter emission rate of zero for secondary pollutants that are
     modeled, but not emitted.  Units are specified by IPTU
     (e.g. 1 for g/s).

---------------
Subgroup (13c)
---------------

           BUILDING DIMENSION DATA FOR SOURCES SUBJECT TO DOWNWASH
           -------------------------------------------------------
Source
a
 No.      Effective building height, width, length and X/Y offset (in
meters)
           every 10 degrees.  LENGTH, XBADJ, and YBADJ are only needed
for
           MBDW=2 (PRIME downwash option)
------     -----------------------------------------------------------
------

--------

    a
     Building height, width, length, and X/Y offset from the source are
treated
     as a separate input subgroup for each source and therefore must end
with
```

```
      an input group terminator.  The X/Y offset is the position, relative
to the
      stack, of the center of the upwind face of the projected building,
with the
      x-axis pointing along the flow direction.


---------------
Subgroup (13d)
---------------
                                            a
          POINT SOURCE: VARIABLE EMISSIONS DATA
          ---------------------------------------


      Use this subgroup to describe temporal variations in the emission
      rates given in 13b.  Factors entered multiply the rates in 13b.
      Skip sources here that have constant emissions.  For more elaborate
      variation in source parameters, use PTEMARB.DAT and NPT2 > 0.

      IVARY determines the type of variation, and is source-specific:
      (IVARY)                                   Default: 0
            0 =       Constant
            1 =       Diurnal cycle (24 scaling factors: hours 1-24)
            2 =       Monthly cycle (12 scaling factors: months 1-12)
            3 =       Hour & Season (4 groups of 24 hourly scaling
factors,
                                    where first group is DEC-JAN-FEB)
            4 =       Speed & Stab. (6 groups of 6 scaling factors, where
                                    first group is Stability Class A,
                                    and the speed classes have upper
                                    bounds (m/s) defined in Group 12
            5 =       Temperature   (12 scaling factors, where temperature
                                    classes have upper bounds (C) of:
                                    0, 5, 10, 15, 20, 25, 30, 35, 40,
                                    45, 50, 50+)



--------
    a
    Data for each species are treated as a separate input subgroup
    and therefore must end with an input group terminator.


---------------------------------------------------------------------------
------


INPUT GROUPS: 14a, 14b, 14c, 14d -- Area source parameters
-----------------------------------


---------------
Subgroup (14a)
---------------
```

```
            Number of polygon area sources with
            parameters specified below (NAR1)      No default  ! NAR1 =  0   !

            Units used for area source
            emissions below              (IARU)      Default: 1 ! IARU =   1 !
                  1 =        g/m**2/s
                  2 =        kg/m**2/hr
                  3 =        lb/m**2/hr
                  4 =       tons/m**2/yr
                  5 =       Odour Unit * m/s  (vol. flux/m**2 of odour compound)
                  6 =       Odour Unit * m/min
                  7 =       metric tons/m**2/yr

            Number of source-species
            combinations with variable
            emissions scaling factors
            provided below in (14d)        (NSAR1) Default: 0  ! NSAR1 =  0  !

            Number of buoyant polygon area sources
            with variable location and emission
            parameters (NAR2)                           No default  ! NAR2 =  0   !
            (If NAR2 > 0, ALL parameter data for
            these sources are read from the file: BAEMARB.DAT)

      !END!

      --------------
      Subgroup (14b)
      --------------
                                          a
              AREA SOURCE: CONSTANT DATA
              ----------------------------
                                                       b
      Source           Effect.   Base      Initial   Emission
       No.             Height  Elevation  Sigma z     Rates
                        (m)       (m)       (m)
      -------          ------    ------    --------   ---------


      --------
          a
       Data for each source are treated as a separate input subgroup
       and therefore must end with an input group terminator.
          b
       An emission rate must be entered for every pollutant modeled.
       Enter emission rate of zero for secondary pollutants that are
       modeled, but not emitted.  Units are specified by IARU
       (e.g. 1 for g/m**2/s).

      --------------
      Subgroup (14c)
      --------------

              COORDINATES (km) FOR EACH VERTEX(4) OF EACH POLYGON
```

```
              ----------------------------------------------------------
Source                                                                a
 No.         Ordered list of X followed by list of Y, grouped by source
 ------      ----------------------------------------------------------


 --------
     a
     Data for each source are treated as a separate input subgroup
     and therefore must end with an input group terminator.



 ---------------
 Subgroup (14d)
 ---------------
                                                        a
             AREA SOURCE: VARIABLE EMISSIONS DATA
             ---------------------------------------

     Use this subgroup to describe temporal variations in the emission
     rates given in 14b.  Factors entered multiply the rates in 14b.
     Skip sources here that have constant emissions.  For more elaborate
     variation in source parameters, use BAEMARB.DAT and NAR2 > 0.

     IVARY determines the type of variation, and is source-specific:
     (IVARY)                                   Default: 0
             0 =        Constant
             1 =        Diurnal cycle (24 scaling factors: hours 1-24)
             2 =        Monthly cycle (12 scaling factors: months 1-12)
             3 =        Hour & Season (4 groups of 24 hourly scaling
factors,
                                    where first group is DEC-JAN-FEB)
             4 =        Speed & Stab. (6 groups of 6 scaling factors, where
                                    first group is Stability Class A,
                                    and the speed classes have upper
                                    bounds (m/s) defined in Group 12
             5 =        Temperature  (12 scaling factors, where temperature
                                    classes have upper bounds (C) of:
                                    0, 5, 10, 15, 20, 25, 30, 35, 40,
                                    45, 50, 50+)



 --------
     a
     Data for each species are treated as a separate input subgroup
     and therefore must end with an input group terminator.


 -----------------------------------------------------------------------
 ------

 INPUT GROUPS: 15a, 15b, 15c -- Line source parameters
 -------------------------
```

```
--------------
Subgroup (15a)
--------------


      Number of buoyant line sources
      with variable location and emission
      parameters (NLN2)                             No default   !  NLN2 =
0    !


      (If NLN2 > 0, ALL parameter data for
       these sources are read from the file: LNEMARB.DAT)

      Number of buoyant line sources (NLINES)       No default    ! NLINES
=  0  !


      Units used for line source
      emissions below                 (ILNU)        Default: 1  !  ILNU =
1  !
               1 =        g/s
               2 =        kg/hr
               3 =        lb/hr
               4 =      tons/yr
               5 =      Odour Unit * m**3/s   (vol. flux of odour compound)
               6 =      Odour Unit * m**3/min
               7 =      metric tons/yr


      Number of source-species
      combinations with variable
      emissions scaling factors
      provided below in (15c)         (NSLN1) Default: 0  !  NSLN1 =  0  !


      Maximum number of segments used to model
      each line (MXNSEG)                            Default: 7   ! MXNSEG
=  7  !


      The following variables are required only if NLINES > 0.  They are
      used in the buoyant line source plume rise calculations.


         Number of distances at which              Default: 6   ! NLRISE
=  6  !
         transitional rise is computed


         Average building length (XL)              No default   ! XL =
.0 !
                                                   (in meters)


         Average building height (HBL)             No default   ! HBL =
.0 !
                                                   (in meters)


         Average building width (WBL)              No default   ! WBL =
.0 !
                                                   (in meters)
```

Average line source width (WML)   No default   ! WML =
.0 !
                                                  (in meters)

        Average separation between buildings (DXL) No default   ! DXL =
.0 !
                                                  (in meters)

        Average buoyancy parameter (FPRIMEL)   No default   !
FPRIMEL = .0 !
                                                  (in m**4/s**3)

!END!

Subgroup (15b)

          BUOYANT LINE SOURCE: CONSTANT DATA
          ----

a
Source   Beg. X   Beg. Y   End. X   End. Y   Release   Base
Emission
 No.   Coordinate Coordinate Coordinate Coordinate Height
Elevation   Rates
            (km)   (km)   (km)   (km)   (m)   (m)
------   ---------- ---------- --------- ---------- -------   -------
--   ---------

----

     a
     Data for each source are treated as a separate input subgroup
     and therefore must end with an input group terminator.

     b
     An emission rate must be entered for every pollutant modeled.
     Enter emission rate of zero for secondary pollutants that are
     modeled, but not emitted. Units are specified by ILNTU
     (e.g. 1 for g/s).

Subgroup (15c)
----
                                                      a
          BUOYANT LINE SOURCE: VARIABLE EMISSIONS DATA

     Use this subgroup to describe temporal variations in the emission
     rates given in 15b. Factors entered multiply the rates in 15b.
     Skip sources here that have constant emissions.

```
        IVARY determines the type of variation, and is source-specific:
        (IVARY)                                    Default: 0
             0 =         Constant
             1 =         Diurnal cycle (24 scaling factors: hours 1-24)
             2 =         Monthly cycle (12 scaling factors: months 1-12)
             3 =         Hour & Season (4 groups of 24 hourly scaling
factors,
                                       where first group is DEC-JAN-FEB)
             4 =         Speed & Stab. (6 groups of 6 scaling factors, where
                                        first group is Stability Class A,
                                        and the speed classes have upper
                                        bounds (m/s) defined in Group 12
             5 =         Temperature  (12 scaling factors, where temperature
                                       classes have upper bounds (C) of:
                                       0, 5, 10, 15, 20, 25, 30, 35, 40,
                                       45, 50, 50+)


    --------
       a
       Data for each species are treated as a separate input subgroup
       and therefore must end with an input group terminator.


    ------------------------------------------------------------------------
    ------


INPUT GROUPS: 16a, 16b, 16c -- Volume source parameters
---------------------------

---------------
Subgroup (16a)
---------------

       Number of volume sources with
       parameters provided in 16b,c (NVL1)     No default  !  NVL1 =  19
!

       Units used for volume source
       emissions below in 16b        (IVLU)    Default: 1  !  IVLU =   1  !
             1 =         g/s
             2 =         kg/hr
             3 =         lb/hr
             4 =       tons/yr
             5 =       Odour Unit * m**3/s   (vol. flux of odour compound)
             6 =       Odour Unit * m**3/min
             7 =       metric tons/yr

       Number of source-species
       combinations with variable
       emissions scaling factors
```

```
        provided below in (16c)        (NSVL1)    Default: 0  !  NSVL1 =  24
!


        Number of volume sources with
        variable location and emission
        parameters                      (NVL2)    No default  !  NVL2 =   0
!


        (If NVL2 > 0, ALL parameter data for
         these sources are read from the VOLEMARB.DAT file(s) )


!END!


--------------
Subgroup (16b)
--------------
                                         a
            VOLUME SOURCE: CONSTANT DATA
            ----------------------------

b
        X            Y         Effect.    Base     Initial     Initial
Emission
     Coordinate  Coordinate   Height   Elevation  Sigma y     Sigma z
Rates
       (km)        (km)        (m)       (m)        (m)         (m)
     ----------  ----------   ------    ------    --------    --------   -
-------
   SRC_90 ! SRCNAM = SRC_90 !
   SRC_90 ! X= 639.405,5857.400,5.0,579.5,1.16,1.16,0.0000e+00,
 0.0000e+00,0.0000e+00,3.0400e-01,0.0000e+00,3.0400e-01!
     SRC_90 !END!


   SRC_96 ! SRCNAM = SRC_96 !
   SRC_96 ! X= 632.684,5855.416,1.0,610.6,1.16,1.16,3.5000e-02,
 0.0000e+00,0.0000e+00,0.0000e+00,3.5000e-02,0.0000e+00!
     SRC_96 !END!


   SRC_99 ! SRCNAM = SRC_99 !
   SRC_99 ! X= 637.254,5856.073,10.0,550.3,0.47,0.47,0.0000e+00,
 0.0000e+00,0.0000e+00,2.0000e-01,0.0000e+00,2.0000e-01!
     SRC_99 !END!


   SRC_100 ! SRCNAM = SRC_100 !
   SRC_100 ! X= 637.318,5855.831,10.0,550.3,0.47,0.47,0.0000e+00,
 0.0000e+00,0.0000e+00,2.0000e-01,0.0000e+00,2.0000e-01!
     SRC_100 !END!


   SRC_101 ! SRCNAM = SRC_101 !
   SRC_101 ! X= 637.459,5855.886,2.0,553.5,0.47,0.47,0.0000e+00,
 0.0000e+00,0.0000e+00,1.0200e+00,0.0000e+00,1.0000e+00!
     SRC_101 !END!


   SRC_102 ! SRCNAM = SRC_102 !
```

```
    SRC_102 ! X= 637.349,5856.078,2.0,551.0,0.47,0.47,0.0000e+00,
0.0000e+00,0.0000e+00,1.0200e+00,0.0000e+00,1.0000e+00!
      SRC_102 !END!

    SRC_105 ! SRCNAM = SRC_105 !
    SRC_105 ! X= 637.612,5856.213,2.0,557.6,0.47,0.47,0.0000e+00,
0.0000e+00,0.0000e+00,1.8100e-01,1.3400e-01,5.5000e-02!
      SRC_105 !END!

    SRC_106 ! SRCNAM = SRC_106 !
    SRC_106 ! X= 637.639,5856.020,2.0,559.6,0.47,0.47,0.0000e+00,
0.0000e+00,0.0000e+00,1.8100e-01,1.3400e-01,5.5000e-02!
      SRC_106 !END!

    SRC_107 ! SRCNAM = SRC_107 !
    SRC_107 ! X= 637.698,5856.044,10.0,561.3,0.93,4.65,0.0000e+00,
0.0000e+00,0.0000e+00,4.9100e-01,2.3200e-01,1.7000e-02!
      SRC_107 !END!

    SRC_108 ! SRCNAM = SRC_108 !
    SRC_108 ! X= 637.674,5856.210,10.0,559.2,0.93,4.65,0.0000e+00,
0.0000e+00,0.0000e+00,4.9100e-01,2.3200e-01,1.7000e-02!
      SRC_108 !END!

    SRC_109 ! SRCNAM = SRC_109 !
    SRC_109 ! X= 637.790,5856.146,2.0,562.7,0.47,0.47,0.0000e+00,
0.0000e+00,0.0000e+00,1.5000e-01,0.0000e+00,1.5000e-01!
      SRC_109 !END!

    SRC_32 ! SRCNAM = SRC_32 !
    SRC_32 ! X= 632.862,5855.914,4.2,601.6,1.90,3.90,0.0000e+00,
0.0000e+00,0.0000e+00,7.8000e-02,2.5000e-02,3.0000e-03!
      SRC_32 !END!

    SRC_33 ! SRCNAM = SRC_33 !
    SRC_33 ! X= 632.670,5856.096,4.2,600.2,1.90,3.90,0.0000e+00,
0.0000e+00,0.0000e+00,7.8000e-02,2.5000e-02,3.0000e-03!
      SRC_33 !END!

    SRC_34 ! SRCNAM = SRC_34 !
    SRC_34 ! X= 632.549,5856.274,4.2,597.1,1.90,3.90,0.0000e+00,
0.0000e+00,0.0000e+00,7.8000e-02,2.5000e-02,3.0000e-03!
      SRC_34 !END!

    SRC_35 ! SRCNAM = SRC_35 !
    SRC_35 ! X= 633.552,5856.084,4.2,603.1,1.90,3.90,0.0000e+00,
0.0000e+00,0.0000e+00,8.8000e-02,2.8700e-02,3.3000e-03!
      SRC_35 !END!

    SRC_49 ! SRCNAM = SRC_49 !
    SRC_49 ! X= 633.642,5856.257,4.2,600.8,1.90,3.90,0.0000e+00,
0.0000e+00,0.0000e+00,8.8000e-02,2.9000e-02,3.0000e-03!
      SRC_49 !END!
```

```
   SRC_50 ! SRCNAM = SRC_50 !
   SRC_50 ! X= 633.780,5856.355,4.2,598.6,1.90,3.90,0.0000e+00,
 0.0000e+00,0.0000e+00,8.8000e-02,2.9000e-02,3.0000e-03!
    SRC_50 !END!

   SRC_51 ! SRCNAM = SRC_51 !
   SRC_51 ! X= 633.958,5856.292,4.2,601.8,1.90,3.90,0.0000e+00,
 0.0000e+00,0.0000e+00,8.8000e-02,2.9000e-02,3.0000e-03!
    SRC_51 !END!

   SRC_53 ! SRCNAM = SRC_53 !
   SRC_53 ! X= 633.602,5856.142,4.2,603.0,1.90,3.90,0.0000e+00,
 0.0000e+00,0.0000e+00,1.2500e-01,4.1500e-02,4.5000e-03!
    SRC_53 !END!


--------
    a
     Data for each source are treated as a separate input subgroup
     and therefore must end with an input group terminator.

    b
     An emission rate must be entered for every pollutant modeled.
     Enter emission rate of zero for secondary pollutants that are
     modeled, but not emitted.  Units are specified by IVLU
     (e.g. 1 for g/s).

--------------
Subgroup (16c)
--------------
                                             a
           VOLUME SOURCE: VARIABLE EMISSIONS DATA
           ---------------------------------------

    Use this subgroup to describe temporal variations in the emission
    rates given in 16b.  Factors entered multiply the rates in 16b.
    Skip sources here that have constant emissions.  For more elaborate
    variation in source parameters, use VOLEMARB.DAT and NVL2 > 0.

    IVARY determines the type of variation, and is source-specific:
    (IVARY)                                Default: 0
         0 =       Constant
         1 =       Diurnal cycle (24 scaling factors: hours 1-24)
         2 =       Monthly cycle (12 scaling factors: months 1-12)
         3 =       Hour & Season (4 groups of 24 hourly scaling
factors,
                               where first group is DEC-JAN-FEB)
         4 =       Speed & Stab. (6 groups of 6 scaling factors, where
                               first group is Stability Class A,
                               and the speed classes have upper
                               bounds (m/s) defined in Group 12
         5 =       Temperature (12 scaling factors, where temperature
                               classes have upper bounds (C) of:
                               0, 5, 10, 15, 20, 25, 30, 35, 40,
                               45, 50, 50+)
```

```
1 ! SRCNAM = SRC_32 !
1 ! IVARY  =      2 !
1 ! PM1   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_32 !
1 ! IVARY  =      2 !
1 ! PM2   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_32 !
1 ! IVARY  =      2 !
1 ! PM3   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_33 !
1 ! IVARY  =      2 !
1 ! PM1   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_33 !
1 ! IVARY  =      2 !
1 ! PM2   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_33 !
1 ! IVARY  =      2 !
1 ! PM3   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_34 !
1 ! IVARY  =      2 !
1 ! PM1   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_34 !
1 ! IVARY  =      2 !
1 ! PM2   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_34 !
1 ! IVARY  =      2 !
1 ! PM3   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_35 !
1 ! IVARY  =      2 !
1 ! PM1   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_35 !
1 ! IVARY  =      2 !
1 ! PM2   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_35 !
1 ! IVARY  =      2 !
1 ! PM3   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_49 !
1 ! IVARY  =      2 !
1 ! PM1   =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
```

```
1 ! SRCNAM = SRC_49 !
1 ! IVARY  =      2 !
1 ! PM2    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_49 !
1 ! IVARY  =      2 !
1 ! PM3    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_50 !
1 ! IVARY  =      2 !
1 ! PM1    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_50 !
1 ! IVARY  =      2 !
1 ! PM2    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_50 !
1 ! IVARY  =      2 !
1 ! PM3    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_51 !
1 ! IVARY  =      2 !
1 ! PM1    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_51 !
1 ! IVARY  =      2 !
1 ! PM2    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_51 !
1 ! IVARY  =      2 !
1 ! PM3    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_53 !
1 ! IVARY  =      2 !
1 ! PM1    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_53 !
1 ! IVARY  =      2 !
1 ! PM2    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
1 ! SRCNAM = SRC_53 !
1 ! IVARY  =      2 !
1 ! PM3    =      0,0,0,1,1,1,1,1,1,1,1,0 !
!END!
```

----

a
  Data for each species are treated as a separate input subgroup
  and therefore must end with an input group terminator.


```
INPUT GROUPS: 17a & 17b -- Non-gridded (discrete) receptor information
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--------------
Subgroup (17a)
--------------

     Number of non-gridded receptors (NREC)  No default  !  NREC =  9162
!

!END!

--------------
Subgroup (17b)
--------------
                                                    a
            NON-GRIDDED (DISCRETE) RECEPTOR DATA
            ------------------------------------

                    X            Y         Ground      Height    b
   Receptor     Coordinate   Coordinate   Elevation  Above Ground
     No.          (km)         (km)         (m)          (m)
   --------     ----------   ----------   ---------  ------------
       1 ! X =     643.45,    5862.878,    562.268,      0.000!   !END!
       2 ! X =    644.629,    5861.476,    558.802,      0.000!   !END!
       3 ! X =    640.162,    5866.713,    532.052,      0.000!   !END!
       4 ! X =    637.554,    5866.543,    533.386,      0.000!   !END!
       5 ! X =    634.974,    5861.752,    536.489,      0.000!   !END!
       6 ! X =    636.197,    5857.258,    534.459,      0.000!   !END!
       7 ! X =    629.544,    5851.406,    593.864,      0.000!   !END!
       8 ! X =    629.544,    5851.406,    593.864,      0.000!   !END!
       9 ! X =    633.083,     5866.32,    643.937,      0.000!   !END!
      10 ! X =    632.816,    5866.293,    626.840,      0.000!   !END!
      11 ! X =    633.083,    5866.274,    636.494,      0.000!   !END!
      12 ! X =    632.803,    5865.856,    626.382,      0.000!   !END!
      13 ! X =    632.788,    5865.777,    631.665,      0.000!   !END!
      14 ! X =     630.56,    5865.758,    581.027,      0.000!   !END!
      15 ! X =    632.723,    5865.654,    633.546,      0.000!   !END!
      16 ! X =    632.593,    5865.609,    627.102,      0.000!   !END!
      17 ! X =    631.995,    5865.579,    631.670,      0.000!   !END!
      18 ! X =    632.088,    5865.468,    631.128,      0.000!   !END!
      19 ! X =    631.334,    5865.438,    568.939,      0.000!   !END!
      20 ! X =    630.822,    5865.296,    563.870,      0.000!   !END!
      21 ! X =    630.743,    5865.135,    563.616,      0.000!   !END!
      22 ! X =    630.527,    5865.041,    555.118,      0.000!   !END!
      23 ! X =    630.775,    5865.024,    560.407,      0.000!   !END!
      24 ! X =    630.854,    5864.944,    559.471,      0.000!   !END!
      25 ! X =    630.927,    5864.868,    558.538,      0.000!   !END!
      26 ! X =    630.948,    5864.795,    557.441,      0.000!   !END!
      27 ! X =    631.011,    5864.755,    557.106,      0.000!   !END!
      28 ! X =    631.072,    5864.702,    556.317,      0.000!   !END!
      29 ! X =    631.312,    5864.648,    557.831,      0.000!   !END!
      30 ! X =    631.178,    5864.533,    557.623,      0.000!   !END!
      31 ! X =     631.41,    5864.529,    557.498,      0.000!   !END!
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32 ! X =        631.253,    5864.485,      556.859,      0.000!   !END!
33 ! X =        631.397,    5864.437,      556.958,      0.000!   !END!
34 ! X =        631.473,    5864.376,      553.859,      0.000!   !END!
35 ! X =        631.623,    5864.288,      553.572,      0.000!   !END!
36 ! X =        631.686,     5864.27,      554.317,      0.000!   !END!
37 ! X =        631.799,    5864.167,      554.338,      0.000!   !END!
38 ! X =        631.873,    5864.079,      554.581,      0.000!   !END!
39 ! X =        633.618,    5862.621,      544.567,      0.000!   !END!
40 ! X =        634.773,    5862.619,      537.536,      0.000!   !END!
41 ! X =        634.658,    5862.053,      547.567,      0.000!   !END!
42 ! X =        634.689,     5862.02,      545.990,      0.000!   !END!
43 ! X =        634.545,    5862.006,      546.928,      0.000!   !END!
44 ! X =        634.717,    5861.985,      544.847,      0.000!   !END!
45 ! X =        634.576,    5861.972,      546.871,      0.000!   !END!
46 ! X =        634.748,    5861.952,      544.426,      0.000!   !END!
47 ! X =        634.624,    5861.855,      545.068,      0.000!   !END!
48 ! X =        632.662,    5861.852,      568.448,      0.000!   !END!
49 ! X =        634.868,      5861.8,      544.192,      0.000!   !END!
50 ! X =        634.663,    5861.775,      544.058,      0.000!   !END!
51 ! X =        634.783,    5861.769,      544.560,      0.000!   !END!
52 ! X =         634.68,     5861.73,      544.619,      0.000!   !END!
53 ! X =        634.916,    5861.686,      544.464,      0.000!   !END!
54 ! X =        634.697,    5861.685,      544.318,      0.000!   !END!
55 ! X =        634.822,    5861.663,      544.883,      0.000!   !END!
56 ! X =        634.931,    5861.642,      543.648,      0.000!   !END!
57 ! X =         632.66,    5861.637,      567.892,      0.000!   !END!
58 ! X =        634.721,    5861.624,      543.971,      0.000!   !END!
59 ! X =         634.84,    5861.618,      544.896,      0.000!   !END!
60 ! X =        634.945,    5861.599,      543.375,      0.000!   !END!
61 ! X =        634.738,    5861.579,      542.894,      0.000!   !END!
62 ! X =        634.857,    5861.572,      545.068,      0.000!   !END!
63 ! X =         634.96,    5861.556,      543.638,      0.000!   !END!
64 ! X =        634.755,    5861.533,      542.898,      0.000!   !END!
65 ! X =        634.874,    5861.527,      544.704,      0.000!   !END!
66 ! X =        634.975,    5861.512,      543.164,      0.000!   !END!
67 ! X =        634.772,    5861.488,      543.733,      0.000!   !END!
68 ! X =        634.891,    5861.482,      543.761,      0.000!   !END!
69 ! X =        635.006,     5861.46,      543.729,      0.000!   !END!
70 ! X =         634.79,    5861.443,      543.773,      0.000!   !END!
71 ! X =        634.912,    5861.427,      543.325,      0.000!   !END!
72 ! X =        635.032,    5861.421,      543.551,      0.000!   !END!
73 ! X =         634.81,    5861.388,      542.401,      0.000!   !END!
74 ! X =        635.058,    5861.382,      543.136,      0.000!   !END!
75 ! X =        634.929,    5861.382,      544.110,      0.000!   !END!
76 ! X =        634.828,    5861.343,      542.092,      0.000!   !END!
77 ! X =        635.088,    5861.343,      541.625,      0.000!   !END!
78 ! X =        634.947,    5861.336,      543.977,      0.000!   !END!
79 ! X =        635.163,     5861.32,      538.370,      0.000!   !END!
80 ! X =        635.073,    5861.288,      539.775,      0.000!   !END!
81 ! X =        634.982,    5861.253,      540.976,      0.000!   !END!
82 ! X =        634.761,    5861.126,      546.722,      0.000!   !END!
83 ! X =        635.018,    5861.099,      538.308,      0.000!   !END!
84 ! X =        635.611,    5861.093,      534.000,      0.000!   !END!
85 ! X =        635.023,    5861.006,      544.580,      0.000!   !END!
```

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 86 ! X =      635.073,    5860.911,      544.689,      0.000!   !END!
 87 ! X =      635.206,    5860.664,      540.638,      0.000!   !END!
 88 ! X =      634.861,    5860.631,      565.194,      0.000!   !END!
 89 ! X =      635.214,    5860.619,      540.688,      0.000!   !END!
 90 ! X =      635.231,    5860.581,      541.213,      0.000!   !END!
 91 ! X =      635.704,    5860.577,      542.663,      0.000!   !END!
 92 ! X =      635.676,    5860.502,      548.492,      0.000!   !END!
 93 ! X =       635.58,    5860.443,      539.185,      0.000!   !END!
 94 ! X =      638.019,    5860.388,      536.692,      0.000!   !END!
 95 ! X =      634.393,    5860.172,      638.041,      0.000!   !END!
 96 ! X =      638.093,    5860.146,      535.776,      0.000!   !END!
 97 ! X =      634.622,    5859.969,      587.603,      0.000!   !END!
 98 ! X =      638.102,    5859.905,      540.762,      0.000!   !END!
 99 ! X =      638.192,    5859.586,      535.063,      0.000!   !END!
100 ! X =      636.201,    5859.557,      536.913,      0.000!   !END!
101 ! X =      636.529,    5859.515,      546.156,      0.000!   !END!
102 ! X =      634.464,    5859.496,      586.992,      0.000!   !END!
103 ! X =      634.777,    5859.478,      608.824,      0.000!   !END!
104 ! X =      636.277,    5859.438,      537.937,      0.000!   !END!
105 ! X =      636.524,    5859.391,      548.297,      0.000!   !END!
106 ! X =      638.167,    5859.305,      535.708,      0.000!   !END!
107 ! X =      636.628,    5859.166,      541.318,      0.000!   !END!
108 ! X =       638.07,    5859.075,      542.772,      0.000!   !END!
109 ! X =      636.236,    5858.861,      540.049,      0.000!   !END!
110 ! X =      637.983,    5858.799,      542.623,      0.000!   !END!
111 ! X =       636.38,    5858.701,      538.066,      0.000!   !END!
112 ! X =      637.711,    5858.687,      537.399,      0.000!   !END!
113 ! X =      637.599,    5858.641,      538.437,      0.000!   !END!
114 ! X =       636.57,    5858.507,      535.299,      0.000!   !END!
115 ! X =        636.4,    5858.414,      536.409,      0.000!   !END!
116 ! X =      637.382,    5858.388,      534.503,      0.000!   !END!
117 ! X =      641.249,    5858.293,      591.180,      0.000!   !END!
118 ! X =      640.975,    5858.269,      589.908,      0.000!   !END!
119 ! X =      641.266,    5858.203,      589.502,      0.000!   !END!
120 ! X =      636.109,    5858.202,      541.832,      0.000!   !END!
121 ! X =      636.116,    5858.128,      542.594,      0.000!   !END!
122 ! X =      641.248,    5858.108,      589.278,      0.000!   !END!
123 ! X =       637.55,    5858.107,      536.996,      0.000!   !END!
124 ! X =      637.543,    5858.027,      537.618,      0.000!   !END!
125 ! X =      636.131,    5857.995,      542.018,      0.000!   !END!
126 ! X =      640.796,    5857.936,      592.611,      0.000!   !END!
127 ! X =       641.13,    5857.924,      586.000,      0.000!   !END!
128 ! X =      636.301,    5857.904,      534.000,      0.000!   !END!
129 ! X =      636.148,    5857.893,      540.120,      0.000!   !END!
130 ! X =      640.774,     5857.81,      591.551,      0.000!   !END!
131 ! X =      636.113,    5857.729,      543.246,      0.000!   !END!
132 ! X =      636.444,    5857.703,      534.000,      0.000!   !END!
133 ! X =      636.066,    5857.526,      544.414,      0.000!   !END!
134 ! X =      643.391,    5857.446,      594.256,      0.000!   !END!
135 ! X =      637.499,    5857.396,      542.058,      0.000!   !END!
136 ! X =      635.991,    5857.371,      544.351,      0.000!   !END!
137 ! X =      641.622,    5857.347,      590.977,      0.000!   !END!
138 ! X =      641.656,    5857.306,      588.577,      0.000!   !END!
139 ! X =      641.844,    5857.293,      590.025,      0.000!   !END!
```

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140 ! X =       636.068,    5857.261,     538.049,      0.000!    !END!
141 ! X =       636.066,    5857.104,     541.035,      0.000!    !END!
142 ! X =       641.955,    5857.073,     598.183,      0.000!    !END!
143 ! X =       636.878,    5856.842,     539.252,      0.000!    !END!
144 ! X =       636.065,    5856.836,     544.702,      0.000!    !END!
145 ! X =       636.188,    5856.722,     539.818,      0.000!    !END!
146 ! X =       637.229,    5856.649,     537.981,      0.000!    !END!
147 ! X =        636.28,    5856.604,     536.830,      0.000!    !END!
148 ! X =       636.313,      5856.5,     538.591,      0.000!    !END!
149 ! X =       636.303,    5856.366,     547.200,      0.000!    !END!
150 ! X =       636.188,    5856.225,     557.960,      0.000!    !END!
151 ! X =       636.367,    5856.213,     544.416,      0.000!    !END!
152 ! X =       634.627,    5856.095,     585.169,      0.000!    !END!
153 ! X =       645.023,    5856.082,     556.916,      0.000!    !END!
154 ! X =       634.576,    5856.038,     586.886,      0.000!    !END!
155 ! X =       636.836,    5855.967,     541.376,      0.000!    !END!
156 ! X =       634.619,    5855.965,     584.414,      0.000!    !END!
157 ! X =       645.054,    5855.877,     556.514,      0.000!    !END!
158 ! X =       634.622,    5855.848,     583.285,      0.000!    !END!
159 ! X =       637.016,    5855.764,     543.296,      0.000!    !END!
160 ! X =       645.094,    5855.755,     554.478,      0.000!    !END!
161 ! X =       645.902,    5853.554,     557.441,      0.000!    !END!
162 ! X =       645.032,    5855.679,     555.343,      0.000!    !END!
163 ! X =       636.633,    5855.664,     557.538,      0.000!    !END!
164 ! X =       645.525,    5855.607,     557.471,      0.000!    !END!
165 ! X =       645.558,    5855.437,     555.232,      0.000!    !END!
166 ! X =       644.971,    5855.434,     555.547,      0.000!    !END!
167 ! X =       645.611,    5855.383,     557.972,      0.000!    !END!
168 ! X =       644.881,    5855.374,     556.497,      0.000!    !END!
169 ! X =       645.676,    5855.333,     561.292,      0.000!    !END!
170 ! X =       645.842,    5855.148,     558.235,      0.000!    !END!
171 ! X =       644.938,    5855.132,     555.405,      0.000!    !END!
172 ! X =       641.869,      5855.1,     587.273,      0.000!    !END!
173 ! X =       637.501,    5854.944,     547.202,      0.000!    !END!
174 ! X =       645.499,    5854.934,     556.495,      0.000!    !END!
175 ! X =       637.576,    5854.824,     549.967,      0.000!    !END!
176 ! X =       646.066,    5854.756,     560.489,      0.000!    !END!
177 ! X =       645.343,    5854.706,     564.566,      0.000!    !END!
178 ! X =        645.39,    5854.571,     560.085,      0.000!    !END!
179 ! X =       645.992,    5854.449,     557.486,      0.000!    !END!
180 ! X =        645.92,    5854.238,     560.780,      0.000!    !END!
181 ! X =       637.586,    5854.068,     538.036,      0.000!    !END!
182 ! X =       645.829,    5853.962,     556.448,      0.000!    !END!
183 ! X =       646.136,    5853.275,     555.221,      0.000!    !END!
184 ! X =       634.698,    5853.212,     579.695,      0.000!    !END!
185 ! X =       634.714,    5853.168,     579.868,      0.000!    !END!
186 ! X =       634.638,    5852.915,     593.738,      0.000!    !END!
187 ! X =       646.057,    5852.685,     551.957,      0.000!    !END!
188 ! X =       646.462,    5852.635,     551.000,      0.000!    !END!
189 ! X =       633.525,    5852.608,     613.148,      0.000!    !END!
190 ! X =       646.021,    5852.581,     554.934,      0.000!    !END!
191 ! X =       646.477,     5852.57,     551.000,      0.000!    !END!
192 ! X =       642.942,    5852.298,     578.302,      0.000!    !END!
193 ! X =       646.093,    5852.133,     555.306,      0.000!    !END!
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194 ! X =        647.192,   5851.877,      568.947,      0.000!   !END!
195 ! X =         634.77,   5851.654,      591.453,      0.000!   !END!
196 ! X =        635.093,   5851.149,      583.595,      0.000!   !END!
197 ! X =        635.159,   5851.033,      589.250,      0.000!   !END!
198 ! X =        632.343,   5850.722,      611.857,      0.000!   !END!
199 ! X =        633.178,   5850.612,      619.110,      0.000!   !END!
200 ! X =        635.564,   5850.007,      581.804,      0.000!   !END!
201 ! X =        636.007,   5849.937,      592.153,      0.000!   !END!
202 ! X =         635.82,   5849.699,      578.000,      0.000!   !END!
203 ! X =        635.202,   5848.929,      616.695,      0.000!   !END!
204 ! X =        634.889,   5848.673,      617.812,      0.000!   !END!
205 ! X =        634.292,   5848.201,      619.558,      0.000!   !END!
206 ! X =        640.191,   5848.123,      570.185,      0.000!   !END!
207 ! X =        629.344,   5854.427,      591.512,      0.000!   !END!
208 ! X =        629.422,   5853.847,      590.235,      0.000!   !END!
209 ! X =        627.691,   5850.041,      589.835,      0.000!   !END!
210 ! X =        625.639,   5849.087,      645.843,      0.000!   !END!
211 ! X =        627.321,   5850.452,      610.882,      0.000!   !END!
212 ! X =        627.475,   5845.145,      580.972,      0.000!   !END!
213 ! X =        628.641,    5853.93,      684.874,      0.000!   !END!
214 ! X =        629.624,   5851.609,      591.244,      0.000!   !END!
215 ! X =        630.395,   5858.877,      616.956,      0.000!   !END!
216 ! X =        625.744,   5848.127,      634.848,      0.000!   !END!
217 ! X =         626.47,   5847.195,      622.433,      0.000!   !END!
218 ! X =        630.979,    5856.09,      655.309,      0.000!   !END!
219 ! X =         626.96,   5846.465,      584.154,      0.000!   !END!
220 ! X =        626.398,   5845.802,      635.828,      0.000!   !END!
221 ! X =        627.268,    5846.35,      572.606,      0.000!   !END!
222 ! X =        629.595,   5846.331,      588.710,      0.000!   !END!
223 ! X =        628.841,   5847.795,      582.726,      0.000!   !END!
224 ! X =        630.944,   5846.627,      638.005,      0.000!   !END!
225 ! X =        632.031,   5846.743,      640.027,      0.000!   !END!
226 ! X =        631.845,   5847.377,      636.219,      0.000!   !END!
227 ! X =        631.583,    5845.61,      633.396,      0.000!   !END!
228 ! X =        627.191,   5847.137,      576.525,      0.000!   !END!
229 ! X =        624.771,   5850.982,      649.248,      0.000!   !END!
230 ! X =        625.639,   5849.087,      645.843,      0.000!   !END!
231 ! X =         627.12,   5847.207,      582.184,      0.000!   !END!
232 ! X =        627.475,   5845.145,      580.972,      0.000!   !END!
233 ! X =        627.475,   5845.145,      580.972,      0.000!   !END!
234 ! X =         627.12,   5847.207,      582.184,      0.000!   !END!
235 ! X =        627.655,   5856.981,      628.026,      0.000!   !END!
236 ! X =        630.187,   5845.854,      626.636,      0.000!   !END!
237 ! X =        625.856,   5847.972,      641.633,      0.000!   !END!
238 ! X =        630.295,   5858.777,      616.256,      0.000!   !END!
239 ! X =         627.12,   5847.207,      582.184,      0.000!   !END!
240 ! X =        630.976,   5846.537,      642.693,      0.000!   !END!
241 ! X =        627.655,   5856.981,      628.026,      0.000!   !END!
242 ! X =        624.619,   5852.675,      687.790,      0.000!   !END!
243 ! X =        627.745,   5844.426,      576.030,      0.000!   !END!
244 ! X =        627.745,   5844.426,      576.030,      0.000!   !END!
245 ! X =        627.475,   5845.145,      580.972,      0.000!   !END!
246 ! X =        629.397,    5857.77,      588.847,      0.000!   !END!
247 ! X =        627.475,   5845.145,      580.972,      0.000!   !END!
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248 ! X =        627.736,    5849.689,     590.821,      0.000!   !END!
249 ! X =         627.12,    5847.207,     582.184,      0.000!   !END!
250 ! X =        628.899,     5847.94,     585.798,      0.000!   !END!
251 ! X =        625.895,    5847.727,     637.538,      0.000!   !END!
252 ! X =        628.989,    5844.865,     657.057,      0.000!   !END!
253 ! X =        627.056,    5845.575,     588.073,      0.000!   !END!
254 ! X =        629.583,     5852.49,     595.512,      0.000!   !END!
255 ! X =         626.06,    5856.743,     704.423,      0.000!   !END!
256 ! X =        625.495,    5857.026,     694.272,      0.000!   !END!
257 ! X =        627.721,    5845.157,     576.450,      0.000!   !END!
258 ! X =        627.545,    5858.027,     626.992,      0.000!   !END!
259 ! X =        624.924,    5848.049,     641.457,      0.000!   !END!
260 ! X =        629.215,    5847.839,     595.721,      0.000!   !END!
261 ! X =        627.655,    5856.981,     628.026,      0.000!   !END!
262 ! X =        629.558,    5851.491,     593.660,      0.000!   !END!
263 ! X =        627.344,    5858.827,     637.749,      0.000!   !END!
264 ! X =        629.623,    5851.695,     593.831,      0.000!   !END!
265 ! X =        631.219,    5845.979,     642.155,      0.000!   !END!
266 ! X =        628.932,    5852.049,     621.437,      0.000!   !END!
267 ! X =        623.768,    5852.687,     715.962,      0.000!   !END!
268 ! X =        631.644,    5845.627,     633.114,      0.000!   !END!
269 ! X =         627.12,    5847.207,     582.184,      0.000!   !END!
270 ! X =        628.312,    5851.912,     612.612,      0.000!   !END!
271 ! X =        631.645,    5848.427,     640.160,      0.000!   !END!
272 ! X =        623.052,    5848.969,     738.299,      0.000!   !END!
273 ! X =        627.012,    5846.165,     582.887,      0.000!   !END!
274 ! X =         623.46,    5850.439,     746.376,      0.000!   !END!
275 ! X =        626.378,    5851.047,     626.293,      0.000!   !END!
276 ! X =        624.523,    5850.735,     648.358,      0.000!   !END!
277 ! X =        628.744,    5853.327,     662.548,      0.000!   !END!
278 ! X =         627.72,    5854.277,     620.286,      0.000!   !END!
279 ! X =        628.295,    5858.327,     662.407,      0.000!   !END!
280 ! X =        628.295,    5853.877,     631.853,      0.000!   !END!
281 ! X =        624.144,    5849.577,     707.252,      0.000!   !END!
282 ! X =         629.46,    5851.162,     599.388,      0.000!   !END!
283 ! X =        634.679,    5855.603,     583.690,      0.000!   !END!
284 ! X =        637.799,    5857.049,     558.290,      0.000!   !END!
285 ! X =        633.055,     5855.37,     637.804,      0.000!   !END!
286 ! X =        633.055,     5855.42,     635.167,      0.000!   !END!
287 ! X =        633.055,     5855.47,     632.330,      0.000!   !END!
288 ! X =        633.055,     5855.52,     627.429,      0.000!   !END!
289 ! X =        633.055,     5855.57,     622.385,      0.000!   !END!
290 ! X =        633.055,     5855.62,     616.949,      0.000!   !END!
291 ! X =        633.055,     5855.67,     611.058,      0.000!   !END!
292 ! X =        633.055,     5855.72,     604.261,      0.000!   !END!
293 ! X =        633.055,     5855.77,     598.053,      0.000!   !END!
294 ! X =        633.055,     5855.82,     592.386,      0.000!   !END!
295 ! X =        633.055,     5855.87,     587.465,      0.000!   !END!
296 ! X =        633.055,     5855.92,     582.929,      0.000!   !END!
297 ! X =        633.055,     5855.97,     579.368,      0.000!   !END!
298 ! X =        633.055,     5856.02,     575.933,      0.000!   !END!
299 ! X =        633.055,     5856.07,     573.941,      0.000!   !END!
300 ! X =        633.055,     5856.12,     571.979,      0.000!   !END!
301 ! X =        633.055,     5856.17,     570.564,      0.000!   !END!
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302 ! X =        633.055,      5856.22,       569.378,         0.000!    !END!
303 ! X =        633.055,      5856.27,       568.814,         0.000!    !END!
304 ! X =        633.055,      5856.32,       568.137,         0.000!    !END!
305 ! X =        633.055,      5856.37,       567.265,         0.000!    !END!
306 ! X =        633.055,      5856.42,       567.116,         0.000!    !END!
307 ! X =        633.055,      5856.47,       567.606,         0.000!    !END!
308 ! X =        633.055,      5856.52,       568.697,         0.000!    !END!
309 ! X =        633.055,      5856.57,       570.091,         0.000!    !END!
310 ! X =        633.055,      5856.62,       570.150,         0.000!    !END!
311 ! X =        633.055,      5856.67,       569.878,         0.000!    !END!
312 ! X =        633.055,      5856.72,       568.890,         0.000!    !END!
313 ! X =        633.055,      5856.77,       567.874,         0.000!    !END!
314 ! X =        633.055,      5856.82,       567.005,         0.000!    !END!
315 ! X =        633.055,      5856.87,       566.331,         0.000!    !END!
316 ! X =        633.055,      5856.92,       566.108,         0.000!    !END!
317 ! X =        633.055,      5856.97,       566.000,         0.000!    !END!
318 ! X =        633.055,      5857.02,       566.000,         0.000!    !END!
319 ! X =        633.055,      5857.07,       566.000,         0.000!    !END!
320 ! X =        633.055,      5857.12,       566.000,         0.000!    !END!
321 ! X =        633.055,      5857.17,       566.000,         0.000!    !END!
322 ! X =        633.055,      5857.22,       566.000,         0.000!    !END!
323 ! X =        633.055,      5857.27,       566.000,         0.000!    !END!
324 ! X =        633.055,      5857.32,       566.000,         0.000!    !END!
325 ! X =        633.055,      5857.37,       566.000,         0.000!    !END!
326 ! X =        633.105,      5855.37,       634.372,         0.000!    !END!
327 ! X =        633.105,      5855.42,       632.557,         0.000!    !END!
328 ! X =        633.105,      5855.47,       630.672,         0.000!    !END!
329 ! X =        633.105,      5855.52,       625.809,         0.000!    !END!
330 ! X =        633.105,      5855.57,       621.343,         0.000!    !END!
331 ! X =        633.105,      5855.62,       618.157,         0.000!    !END!
332 ! X =        633.105,      5855.67,       613.907,         0.000!    !END!
333 ! X =        633.105,      5855.72,       607.694,         0.000!    !END!
334 ! X =        633.105,      5855.77,       602.010,         0.000!    !END!
335 ! X =        633.105,      5855.82,       596.822,         0.000!    !END!
336 ! X =        633.105,      5855.87,       592.423,         0.000!    !END!
337 ! X =        633.105,      5855.92,       588.501,         0.000!    !END!
338 ! X =        633.105,      5855.97,       583.882,         0.000!    !END!
339 ! X =        633.105,      5856.02,       579.039,         0.000!    !END!
340 ! X =        633.105,      5856.07,       575.521,         0.000!    !END!
341 ! X =        633.105,      5856.12,       572.201,         0.000!    !END!
342 ! X =        633.105,      5856.17,       570.644,         0.000!    !END!
343 ! X =        633.105,      5856.22,       569.216,         0.000!    !END!
344 ! X =        633.105,      5856.27,       568.481,         0.000!    !END!
345 ! X =        633.105,      5856.32,       567.607,         0.000!    !END!
346 ! X =        633.105,      5856.37,       566.529,         0.000!    !END!
347 ! X =        633.105,      5856.42,       566.144,         0.000!    !END!
348 ! X =        633.105,      5856.47,       566.405,         0.000!    !END!
349 ! X =        633.105,      5856.52,       566.975,         0.000!    !END!
350 ! X =        633.105,      5856.57,       567.651,         0.000!    !END!
351 ! X =        633.105,      5856.62,       567.516,         0.000!    !END!
352 ! X =        633.105,      5856.67,       567.213,         0.000!    !END!
353 ! X =        633.105,      5856.72,       566.745,         0.000!    !END!
354 ! X =        633.105,      5856.77,       566.334,         0.000!    !END!
355 ! X =        633.105,      5856.82,       566.135,         0.000!    !END!
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356 ! X =      633.105,     5856.87,     566.000,        0.000!   !END!
357 ! X =      633.105,     5856.92,     566.000,        0.000!   !END!
358 ! X =      633.105,     5856.97,     566.000,        0.000!   !END!
359 ! X =      633.105,     5857.02,     566.000,        0.000!   !END!
360 ! X =      633.105,     5857.07,     566.000,        0.000!   !END!
361 ! X =      633.105,     5857.12,     566.000,        0.000!   !END!
362 ! X =      633.105,     5857.17,     566.000,        0.000!   !END!
363 ! X =      633.105,     5857.22,     566.000,        0.000!   !END!
364 ! X =      633.105,     5857.27,     566.000,        0.000!   !END!
365 ! X =      633.105,     5857.32,     566.000,        0.000!   !END!
366 ! X =      633.105,     5857.37,     566.000,        0.000!   !END!
367 ! X =      633.155,     5855.37,     633.500,        0.000!   !END!
368 ! X =      633.155,     5855.42,     630.846,        0.000!   !END!
369 ! X =      633.155,     5855.47,     628.182,        0.000!   !END!
370 ! X =      633.155,     5855.52,     624.757,        0.000!   !END!
371 ! X =      633.155,     5855.57,     621.516,        0.000!   !END!
372 ! X =      633.155,     5855.62,     618.810,        0.000!   !END!
373 ! X =      633.155,     5855.67,     615.435,        0.000!   !END!
374 ! X =      633.155,     5855.72,     610.653,        0.000!   !END!
375 ! X =      633.155,     5855.77,     605.953,        0.000!   !END!
376 ! X =      633.155,     5855.82,     601.291,        0.000!   !END!
377 ! X =      633.155,     5855.87,     597.543,        0.000!   !END!
378 ! X =      633.155,     5855.92,     594.307,        0.000!   !END!
379 ! X =      633.155,     5855.97,     589.686,        0.000!   !END!
380 ! X =      633.155,     5856.02,     584.700,        0.000!   !END!
381 ! X =      633.155,     5856.07,     580.290,        0.000!   !END!
382 ! X =      633.155,     5856.12,     575.970,        0.000!   !END!
383 ! X =      633.155,     5856.17,     573.264,        0.000!   !END!
384 ! X =      633.155,     5856.22,     570.759,        0.000!   !END!
385 ! X =      633.155,     5856.27,     569.135,        0.000!   !END!
386 ! X =      633.155,     5856.32,     567.637,        0.000!   !END!
387 ! X =      633.155,     5856.37,     566.558,        0.000!   !END!
388 ! X =      633.155,     5856.42,     566.000,        0.000!   !END!
389 ! X =      633.155,     5856.47,     566.000,        0.000!   !END!
390 ! X =      633.155,     5856.52,     566.000,        0.000!   !END!
391 ! X =      633.155,     5856.57,     566.000,        0.000!   !END!
392 ! X =      633.155,     5856.62,     566.000,        0.000!   !END!
393 ! X =      633.155,     5856.67,     566.000,        0.000!   !END!
394 ! X =      633.155,     5856.72,     566.000,        0.000!   !END!
395 ! X =      633.155,     5856.77,     566.000,        0.000!   !END!
396 ! X =      633.155,     5856.82,     566.000,        0.000!   !END!
397 ! X =      633.155,     5856.87,     566.000,        0.000!   !END!
398 ! X =      633.155,     5856.92,     566.000,        0.000!   !END!
399 ! X =      633.155,     5856.97,     566.000,        0.000!   !END!
400 ! X =      633.155,     5857.02,     566.000,        0.000!   !END!
401 ! X =      633.155,     5857.07,     566.000,        0.000!   !END!
402 ! X =      633.155,     5857.12,     566.000,        0.000!   !END!
403 ! X =      633.155,     5857.17,     566.000,        0.000!   !END!
404 ! X =      633.155,     5857.22,     566.000,        0.000!   !END!
405 ! X =      633.155,     5857.27,     566.000,        0.000!   !END!
406 ! X =      633.155,     5857.32,     566.000,        0.000!   !END!
407 ! X =      633.155,     5857.37,     566.000,        0.000!   !END!
408 ! X =      633.205,     5855.37,     631.965,        0.000!   !END!
409 ! X =      633.205,     5855.42,     629.145,        0.000!   !END!
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410 ! X =      633.205,     5855.47,     626.405,        0.000!    !END!
411 ! X =      633.205,     5855.52,     624.443,        0.000!    !END!
412 ! X =      633.205,     5855.57,     622.368,        0.000!    !END!
413 ! X =      633.205,     5855.62,     619.229,        0.000!    !END!
414 ! X =      633.205,     5855.67,     616.135,        0.000!    !END!
415 ! X =      633.205,     5855.72,     613.271,        0.000!    !END!
416 ! X =      633.205,     5855.77,     610.068,        0.000!    !END!
417 ! X =      633.205,     5855.82,     606.365,        0.000!    !END!
418 ! X =      633.205,     5855.87,     602.414,        0.000!    !END!
419 ! X =      633.205,     5855.92,     598.261,        0.000!    !END!
420 ! X =      633.205,     5855.97,     594.529,        0.000!    !END!
421 ! X =      633.205,     5856.02,     590.909,        0.000!    !END!
422 ! X =      633.205,     5856.07,     585.888,        0.000!    !END!
423 ! X =      633.205,     5856.12,     580.708,        0.000!    !END!
424 ! X =      633.205,     5856.17,     577.425,        0.000!    !END!
425 ! X =      633.205,     5856.22,     574.106,        0.000!    !END!
426 ! X =      633.205,     5856.27,     570.970,        0.000!    !END!
427 ! X =      633.205,     5856.32,     568.397,        0.000!    !END!
428 ! X =      633.205,     5856.37,     567.027,        0.000!    !END!
429 ! X =      633.205,     5856.42,     566.195,        0.000!    !END!
430 ! X =      633.205,     5856.47,     566.061,        0.000!    !END!
431 ! X =      633.205,     5856.52,     566.000,        0.000!    !END!
432 ! X =      633.205,     5856.57,     566.000,        0.000!    !END!
433 ! X =      633.205,     5856.62,     566.000,        0.000!    !END!
434 ! X =      633.205,     5856.67,     566.000,        0.000!    !END!
435 ! X =      633.205,     5856.72,     566.000,        0.000!    !END!
436 ! X =      633.205,     5856.77,     566.000,        0.000!    !END!
437 ! X =      633.205,     5856.82,     566.000,        0.000!    !END!
438 ! X =      633.205,     5856.87,     566.000,        0.000!    !END!
439 ! X =      633.205,     5856.92,     566.000,        0.000!    !END!
440 ! X =      633.205,     5856.97,     566.184,        0.000!    !END!
441 ! X =      633.205,     5857.02,     566.788,        0.000!    !END!
442 ! X =      633.205,     5857.07,     566.861,        0.000!    !END!
443 ! X =      633.205,     5857.12,     566.250,        0.000!    !END!
444 ! X =      633.205,     5857.17,     566.000,        0.000!    !END!
445 ! X =      633.205,     5857.22,     566.000,        0.000!    !END!
446 ! X =      633.205,     5857.27,     566.000,        0.000!    !END!
447 ! X =      633.205,     5857.32,     566.000,        0.000!    !END!
448 ! X =      633.205,     5857.37,     566.352,        0.000!    !END!
449 ! X =      633.255,     5855.37,     630.217,        0.000!    !END!
450 ! X =      633.255,     5855.42,     627.735,        0.000!    !END!
451 ! X =      633.255,     5855.47,     625.369,        0.000!    !END!
452 ! X =      633.255,     5855.52,     624.457,        0.000!    !END!
453 ! X =      633.255,     5855.57,     623.431,        0.000!    !END!
454 ! X =      633.255,     5855.62,     621.040,        0.000!    !END!
455 ! X =      633.255,     5855.67,     618.507,        0.000!    !END!
456 ! X =      633.255,     5855.72,     615.448,        0.000!    !END!
457 ! X =      633.255,     5855.77,     612.655,        0.000!    !END!
458 ! X =      633.255,     5855.82,     610.328,        0.000!    !END!
459 ! X =      633.255,     5855.87,     607.780,        0.000!    !END!
460 ! X =      633.255,     5855.92,     605.072,        0.000!    !END!
461 ! X =      633.255,     5855.97,     601.418,        0.000!    !END!
462 ! X =      633.255,     5856.02,     597.318,        0.000!    !END!
463 ! X =      633.255,     5856.07,     592.268,        0.000!    !END!
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464 ! X =      633.255,      5856.12,      587.050,      0.000!   !END!
465 ! X =      633.255,      5856.17,      582.402,      0.000!   !END!
466 ! X =      633.255,      5856.22,      577.949,      0.000!   !END!
467 ! X =      633.255,      5856.27,      574.826,      0.000!   !END!
468 ! X =      633.255,      5856.32,      571.773,      0.000!   !END!
469 ! X =      633.255,      5856.37,      568.944,      0.000!   !END!
470 ! X =      633.255,      5856.42,      567.066,      0.000!   !END!
471 ! X =      633.255,      5856.47,      566.576,      0.000!   !END!
472 ! X =      633.255,      5856.52,      566.333,      0.000!   !END!
473 ! X =      633.255,      5856.57,      566.255,      0.000!   !END!
474 ! X =      633.255,      5856.62,      566.436,      0.000!   !END!
475 ! X =      633.255,      5856.67,      566.771,      0.000!   !END!
476 ! X =      633.255,      5856.72,      567.022,      0.000!   !END!
477 ! X =      633.255,      5856.77,      567.278,      0.000!   !END!
478 ! X =      633.255,      5856.82,      567.376,      0.000!   !END!
479 ! X =      633.255,      5856.87,      567.444,      0.000!   !END!
480 ! X =      633.255,      5856.92,      567.328,      0.000!   !END!
481 ! X =      633.255,      5856.97,      567.439,      0.000!   !END!
482 ! X =      633.255,      5857.02,      568.106,      0.000!   !END!
483 ! X =      633.255,      5857.07,      567.991,      0.000!   !END!
484 ! X =      633.255,      5857.12,      566.937,      0.000!   !END!
485 ! X =      633.255,      5857.17,      566.679,      0.000!   !END!
486 ! X =      633.255,      5857.22,      567.002,      0.000!   !END!
487 ! X =      633.255,      5857.27,      567.575,      0.000!   !END!
488 ! X =      633.255,      5857.32,      568.278,      0.000!   !END!
489 ! X =      633.255,      5857.37,      570.087,      0.000!   !END!
490 ! X =      633.305,      5855.37,      628.478,      0.000!   !END!
491 ! X =      633.305,      5855.42,      626.643,      0.000!   !END!
492 ! X =      633.305,      5855.47,      625.077,      0.000!   !END!
493 ! X =      633.305,      5855.52,      625.099,      0.000!   !END!
494 ! X =      633.305,      5855.57,      625.038,      0.000!   !END!
495 ! X =      633.305,      5855.62,      622.931,      0.000!   !END!
496 ! X =      633.305,      5855.67,      620.738,      0.000!   !END!
497 ! X =      633.305,      5855.72,      618.308,      0.000!   !END!
498 ! X =      633.305,      5855.77,      616.048,      0.000!   !END!
499 ! X =      633.305,      5855.82,      613.990,      0.000!   !END!
500 ! X =      633.305,      5855.87,      612.305,      0.000!   !END!
501 ! X =      633.305,      5855.92,      611.011,      0.000!   !END!
502 ! X =      633.305,      5855.97,      607.813,      0.000!   !END!
503 ! X =      633.305,      5856.02,      603.672,      0.000!   !END!
504 ! X =      633.305,      5856.07,      599.413,      0.000!   !END!
505 ! X =      633.305,      5856.12,      595.177,      0.000!   !END!
506 ! X =      633.305,      5856.17,      590.084,      0.000!   !END!
507 ! X =      633.305,      5856.22,      585.056,      0.000!   !END!
508 ! X =      633.305,      5856.27,      580.975,      0.000!   !END!
509 ! X =      633.305,      5856.32,      576.706,      0.000!   !END!
510 ! X =      633.305,      5856.37,      572.000,      0.000!   !END!
511 ! X =      633.305,      5856.42,      569.006,      0.000!   !END!
512 ! X =      633.305,      5856.47,      568.575,      0.000!   !END!
513 ! X =      633.305,      5856.52,      568.117,      0.000!   !END!
514 ! X =      633.305,      5856.57,      567.633,      0.000!   !END!
515 ! X =      633.305,      5856.62,      568.238,      0.000!   !END!
516 ! X =      633.305,      5856.67,      569.318,      0.000!   !END!
517 ! X =      633.305,      5856.72,      570.006,      0.000!   !END!
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518 ! X =      633.305,    5856.77,    570.618,        0.000!   !END!
519 ! X =      633.305,    5856.82,    570.827,        0.000!   !END!
520 ! X =      633.305,    5856.87,    570.952,        0.000!   !END!
521 ! X =      633.305,    5856.92,    570.356,        0.000!   !END!
522 ! X =      633.305,    5856.97,    569.879,        0.000!   !END!
523 ! X =      633.305,    5857.02,    569.770,        0.000!   !END!
524 ! X =      633.305,    5857.07,    569.268,        0.000!   !END!
525 ! X =      633.305,    5857.12,    568.239,        0.000!   !END!
526 ! X =      633.305,    5857.17,    568.358,        0.000!   !END!
527 ! X =      633.305,    5857.22,    569.425,        0.000!   !END!
528 ! X =      633.305,    5857.27,    571.270,        0.000!   !END!
529 ! X =      633.305,    5857.32,    573.517,        0.000!   !END!
530 ! X =      633.305,    5857.37,    576.321,        0.000!   !END!
531 ! X =      633.355,    5855.37,    627.086,        0.000!   !END!
532 ! X =      633.355,    5855.42,    626.274,        0.000!   !END!
533 ! X =      633.355,    5855.47,    625.951,        0.000!   !END!
534 ! X =      633.355,    5855.52,    626.229,        0.000!   !END!
535 ! X =      633.355,    5855.57,    626.384,        0.000!   !END!
536 ! X =      633.355,    5855.62,    624.543,        0.000!   !END!
537 ! X =      633.355,    5855.67,    622.727,        0.000!   !END!
538 ! X =      633.355,    5855.72,    620.938,        0.000!   !END!
539 ! X =      633.355,    5855.77,    619.293,        0.000!   !END!
540 ! X =      633.355,    5855.82,    617.904,        0.000!   !END!
541 ! X =      633.355,    5855.87,    616.752,        0.000!   !END!
542 ! X =      633.355,    5855.92,    615.796,        0.000!   !END!
543 ! X =      633.355,    5855.97,    612.747,        0.000!   !END!
544 ! X =      633.355,    5856.02,    608.557,        0.000!   !END!
545 ! X =      633.355,    5856.07,    604.691,        0.000!   !END!
546 ! X =      633.355,    5856.12,    600.933,        0.000!   !END!
547 ! X =      633.355,    5856.17,    597.005,        0.000!   !END!
548 ! X =      633.355,    5856.22,    593.046,        0.000!   !END!
549 ! X =      633.355,    5856.27,    588.030,        0.000!   !END!
550 ! X =      633.355,    5856.32,    582.947,        0.000!   !END!
551 ! X =      633.355,    5856.37,    577.777,        0.000!   !END!
552 ! X =      633.355,    5856.42,    574.184,        0.000!   !END!
553 ! X =      633.355,    5856.47,    573.274,        0.000!   !END!
554 ! X =      633.355,    5856.52,    572.337,        0.000!   !END!
555 ! X =      633.355,    5856.57,    571.380,        0.000!   !END!
556 ! X =      633.355,    5856.62,    571.524,        0.000!   !END!
557 ! X =      633.355,    5856.67,    572.162,        0.000!   !END!
558 ! X =      633.355,    5856.72,    572.846,        0.000!   !END!
559 ! X =      633.355,    5856.77,    573.572,        0.000!   !END!
560 ! X =      633.355,    5856.82,    574.133,        0.000!   !END!
561 ! X =      633.355,    5856.87,    574.485,        0.000!   !END!
562 ! X =      633.355,    5856.92,    573.410,        0.000!   !END!
563 ! X =      633.355,    5856.97,    572.465,        0.000!   !END!
564 ! X =      633.355,    5857.02,    571.999,        0.000!   !END!
565 ! X =      633.355,    5857.07,    571.377,        0.000!   !END!
566 ! X =      633.355,    5857.12,    570.524,        0.000!   !END!
567 ! X =      633.355,    5857.17,    571.045,        0.000!   !END!
568 ! X =      633.355,    5857.22,    572.760,        0.000!   !END!
569 ! X =      633.355,    5857.27,    575.947,        0.000!   !END!
570 ! X =      633.355,    5857.32,    579.904,        0.000!   !END!
571 ! X =      633.355,    5857.37,    583.499,        0.000!   !END!
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572 ! X =        633.405,      5855.37,      626.888,         0.000!   !END!
573 ! X =        633.405,      5855.42,      626.928,         0.000!   !END!
574 ! X =        633.405,      5855.47,      627.316,         0.000!   !END!
575 ! X =        633.405,      5855.52,      627.195,         0.000!   !END!
576 ! X =        633.405,      5855.57,      626.953,         0.000!   !END!
577 ! X =        633.405,      5855.62,      625.796,         0.000!   !END!
578 ! X =        633.405,      5855.67,      624.647,         0.000!   !END!
579 ! X =        633.405,      5855.72,      623.338,         0.000!   !END!
580 ! X =        633.405,      5855.77,      622.233,         0.000!   !END!
581 ! X =        633.405,      5855.82,      621.515,         0.000!   !END!
582 ! X =        633.405,      5855.87,      620.543,         0.000!   !END!
583 ! X =        633.405,      5855.92,      619.248,         0.000!   !END!
584 ! X =        633.405,      5855.97,      616.720,         0.000!   !END!
585 ! X =        633.405,      5856.02,      613.513,         0.000!   !END!
586 ! X =        633.405,      5856.07,      610.263,         0.000!   !END!
587 ! X =        633.405,      5856.12,      607.009,         0.000!   !END!
588 ! X =        633.405,      5856.17,      603.440,         0.000!   !END!
589 ! X =        633.405,      5856.22,      599.750,         0.000!   !END!
590 ! X =        633.405,      5856.27,      594.531,         0.000!   !END!
591 ! X =        633.405,      5856.32,      589.561,         0.000!   !END!
592 ! X =        633.405,      5856.37,      585.634,         0.000!   !END!
593 ! X =        633.405,      5856.42,      582.512,         0.000!   !END!
594 ! X =        633.405,      5856.47,      580.761,         0.000!   !END!
595 ! X =        633.405,      5856.52,      579.186,         0.000!   !END!
596 ! X =        633.405,      5856.57,      577.817,         0.000!   !END!
597 ! X =        633.405,      5856.62,      577.133,         0.000!   !END!
598 ! X =        633.405,      5856.67,      576.812,         0.000!   !END!
599 ! X =        633.405,      5856.72,      577.655,         0.000!   !END!
600 ! X =        633.405,      5856.77,      578.861,         0.000!   !END!
601 ! X =        633.405,      5856.82,      578.562,         0.000!   !END!
602 ! X =        633.405,      5856.87,      578.047,         0.000!   !END!
603 ! X =        633.405,      5856.92,      576.528,         0.000!   !END!
604 ! X =        633.405,      5856.97,      575.219,         0.000!   !END!
605 ! X =        633.405,      5857.02,      574.650,         0.000!   !END!
606 ! X =        633.405,      5857.07,      574.162,         0.000!   !END!
607 ! X =        633.405,      5857.12,      573.949,         0.000!   !END!
608 ! X =        633.405,      5857.17,      574.749,         0.000!   !END!
609 ! X =        633.405,      5857.22,      576.489,         0.000!   !END!
610 ! X =        633.405,      5857.27,      580.408,         0.000!   !END!
611 ! X =        633.405,      5857.32,      585.532,         0.000!   !END!
612 ! X =        633.405,      5857.37,      590.498,         0.000!   !END!
613 ! X =        633.455,      5855.37,      628.136,         0.000!   !END!
614 ! X =        633.455,      5855.42,      628.133,         0.000!   !END!
615 ! X =        633.455,      5855.47,      628.017,         0.000!   !END!
616 ! X =        633.455,      5855.52,      627.657,         0.000!   !END!
617 ! X =        633.455,      5855.57,      627.287,         0.000!   !END!
618 ! X =        633.455,      5855.62,      626.943,         0.000!   !END!
619 ! X =        633.455,      5855.67,      626.599,         0.000!   !END!
620 ! X =        633.455,      5855.72,      626.167,         0.000!   !END!
621 ! X =        633.455,      5855.77,      625.660,         0.000!   !END!
622 ! X =        633.455,      5855.82,      624.788,         0.000!   !END!
623 ! X =        633.455,      5855.87,      623.382,         0.000!   !END!
624 ! X =        633.455,      5855.92,      621.327,         0.000!   !END!
625 ! X =        633.455,      5855.97,      619.048,         0.000!   !END!
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626 ! X =        633.455,    5856.02,    616.661,       0.000!    !END!
627 ! X =        633.455,    5856.07,    613.690,       0.000!    !END!
628 ! X =        633.455,    5856.12,    610.505,       0.000!    !END!
629 ! X =        633.455,    5856.17,    607.123,       0.000!    !END!
630 ! X =        633.455,    5856.22,    603.705,       0.000!    !END!
631 ! X =        633.455,    5856.27,    599.074,       0.000!    !END!
632 ! X =        633.455,    5856.32,    594.895,       0.000!    !END!
633 ! X =        633.455,    5856.37,    592.730,       0.000!    !END!
634 ! X =        633.455,    5856.42,    590.698,       0.000!    !END!
635 ! X =        633.455,    5856.47,    588.762,       0.000!    !END!
636 ! X =        633.455,    5856.52,    587.076,       0.000!    !END!
637 ! X =        633.455,    5856.57,    585.680,       0.000!    !END!
638 ! X =        633.455,    5856.62,    584.146,       0.000!    !END!
639 ! X =        633.455,    5856.67,    582.458,       0.000!    !END!
640 ! X =        633.455,    5856.72,    582.254,       0.000!    !END!
641 ! X =        633.455,    5856.77,    582.510,       0.000!    !END!
642 ! X =        633.455,    5856.82,    582.138,       0.000!    !END!
643 ! X =        633.455,    5856.87,    581.653,       0.000!    !END!
644 ! X =        633.455,    5856.92,    580.134,       0.000!    !END!
645 ! X =        633.455,    5856.97,    578.619,       0.000!    !END!
646 ! X =        633.455,    5857.02,    577.095,       0.000!    !END!
647 ! X =        633.455,    5857.07,    576.464,       0.000!    !END!
648 ! X =        633.455,    5857.12,    577.608,       0.000!    !END!
649 ! X =        633.455,    5857.17,    579.041,       0.000!    !END!
650 ! X =        633.455,    5857.22,    580.854,       0.000!    !END!
651 ! X =        633.455,    5857.27,    585.021,       0.000!    !END!
652 ! X =        633.455,    5857.32,    590.624,       0.000!    !END!
653 ! X =        633.455,    5857.37,    596.521,       0.000!    !END!
654 ! X =        633.505,    5855.37,    628.629,       0.000!    !END!
655 ! X =        633.505,    5855.42,    628.558,       0.000!    !END!
656 ! X =        633.505,    5855.47,    628.075,       0.000!    !END!
657 ! X =        633.505,    5855.52,    628.000,       0.000!    !END!
658 ! X =        633.505,    5855.57,    628.000,       0.000!    !END!
659 ! X =        633.505,    5855.62,    628.438,       0.000!    !END!
660 ! X =        633.505,    5855.67,    628.994,       0.000!    !END!
661 ! X =        633.505,    5855.72,    629.631,       0.000!    !END!
662 ! X =        633.505,    5855.77,    629.634,       0.000!    !END!
663 ! X =        633.505,    5855.82,    627.948,       0.000!    !END!
664 ! X =        633.505,    5855.87,    625.856,       0.000!    !END!
665 ! X =        633.505,    5855.92,    623.235,       0.000!    !END!
666 ! X =        633.505,    5855.97,    620.687,       0.000!    !END!
667 ! X =        633.505,    5856.02,    618.155,       0.000!    !END!
668 ! X =        633.505,    5856.07,    615.132,       0.000!    !END!
669 ! X =        633.505,    5856.12,    611.923,       0.000!    !END!
670 ! X =        633.505,    5856.17,    608.493,       0.000!    !END!
671 ! X =        633.505,    5856.22,    605.002,       0.000!    !END!
672 ! X =        633.505,    5856.27,    601.540,       0.000!    !END!
673 ! X =        633.505,    5856.32,    598.417,       0.000!    !END!
674 ! X =        633.505,    5856.37,    596.874,       0.000!    !END!
675 ! X =        633.505,    5856.42,    595.454,       0.000!    !END!
676 ! X =        633.505,    5856.47,    594.392,       0.000!    !END!
677 ! X =        633.505,    5856.52,    593.036,       0.000!    !END!
678 ! X =        633.505,    5856.57,    591.198,       0.000!    !END!
679 ! X =        633.505,    5856.62,    589.021,       0.000!    !END!
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680 ! X =    633.505,    5856.67,    586.591,    0.000!    !END!
681 ! X =    633.505,    5856.72,    585.695,    0.000!    !END!
682 ! X =    633.505,    5856.77,    585.368,    0.000!    !END!
683 ! X =    633.505,    5856.82,    584.919,    0.000!    !END!
684 ! X =    633.505,    5856.87,    584.439,    0.000!    !END!
685 ! X =    633.505,    5856.92,    582.895,    0.000!    !END!
686 ! X =    633.505,    5856.97,    581.426,    0.000!    !END!
687 ! X =    633.505,    5857.02,    580.366,    0.000!    !END!
688 ! X =    633.505,    5857.07,    579.851,    0.000!    !END!
689 ! X =    633.505,    5857.12,    580.515,    0.000!    !END!
690 ! X =    633.505,    5857.17,    582.096,    0.000!    !END!
691 ! X =    633.505,    5857.22,    584.868,    0.000!    !END!
692 ! X =    633.505,    5857.27,    589.585,    0.000!    !END!
693 ! X =    633.505,    5857.32,    595.613,    0.000!    !END!
694 ! X =    633.505,    5857.37,    601.243,    0.000!    !END!
695 ! X =    633.555,    5855.37,    628.191,    0.000!    !END!
696 ! X =    633.555,    5855.42,    628.001,    0.000!    !END!
697 ! X =    633.555,    5855.47,    628.048,    0.000!    !END!
698 ! X =    633.555,    5855.52,    628.074,    0.000!    !END!
699 ! X =    633.555,    5855.57,    628.074,    0.000!    !END!
700 ! X =    633.555,    5855.62,    630.211,    0.000!    !END!
701 ! X =    633.555,    5855.67,    632.291,    0.000!    !END!
702 ! X =    633.555,    5855.72,    632.799,    0.000!    !END!
703 ! X =    633.555,    5855.77,    632.637,    0.000!    !END!
704 ! X =    633.555,    5855.82,    630.505,    0.000!    !END!
705 ! X =    633.555,    5855.87,    628.209,    0.000!    !END!
706 ! X =    633.555,    5855.92,    625.675,    0.000!    !END!
707 ! X =    633.555,    5855.97,    622.878,    0.000!    !END!
708 ! X =    633.555,    5856.02,    619.857,    0.000!    !END!
709 ! X =    633.555,    5856.07,    616.513,    0.000!    !END!
710 ! X =    633.555,    5856.12,    612.966,    0.000!    !END!
711 ! X =    633.555,    5856.17,    609.247,    0.000!    !END!
712 ! X =    633.555,    5856.22,    605.498,    0.000!    !END!
713 ! X =    633.555,    5856.27,    602.797,    0.000!    !END!
714 ! X =    633.555,    5856.32,    600.252,    0.000!    !END!
715 ! X =    633.555,    5856.37,    598.659,    0.000!    !END!
716 ! X =    633.555,    5856.42,    597.486,    0.000!    !END!
717 ! X =    633.555,    5856.47,    597.533,    0.000!    !END!
718 ! X =    633.555,    5856.52,    596.975,    0.000!    !END!
719 ! X =    633.555,    5856.57,    595.511,    0.000!    !END!
720 ! X =    633.555,    5856.62,    593.452,    0.000!    !END!
721 ! X =    633.555,    5856.67,    590.880,    0.000!    !END!
722 ! X =    633.555,    5856.72,    589.331,    0.000!    !END!
723 ! X =    633.555,    5856.77,    588.183,    0.000!    !END!
724 ! X =    633.555,    5856.82,    587.293,    0.000!    !END!
725 ! X =    633.555,    5856.87,    586.434,    0.000!    !END!
726 ! X =    633.555,    5856.92,    584.876,    0.000!    !END!
727 ! X =    633.555,    5856.97,    583.485,    0.000!    !END!
728 ! X =    633.555,    5857.02,    583.306,    0.000!    !END!
729 ! X =    633.555,    5857.07,    583.144,    0.000!    !END!
730 ! X =    633.555,    5857.12,    582.875,    0.000!    !END!
731 ! X =    633.555,    5857.17,    584.240,    0.000!    !END!
732 ! X =    633.555,    5857.22,    587.947,    0.000!    !END!
733 ! X =    633.555,    5857.27,    592.983,    0.000!    !END!
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734 ! X =      633.555,    5857.32,    599.011,      0.000!   !END!
735 ! X =      633.555,    5857.37,    604.656,      0.000!   !END!
736 ! X =      633.605,    5855.37,    630.786,      0.000!   !END!
737 ! X =      633.605,    5855.42,    630.359,      0.000!   !END!
738 ! X =      633.605,    5855.47,    629.932,      0.000!   !END!
739 ! X =      633.605,    5855.52,    629.478,      0.000!   !END!
740 ! X =      633.605,    5855.57,    628.998,      0.000!   !END!
741 ! X =      633.605,    5855.62,    631.486,      0.000!   !END!
742 ! X =      633.605,    5855.67,    634.000,      0.000!   !END!
743 ! X =      633.605,    5855.72,    633.979,      0.000!   !END!
744 ! X =      633.605,    5855.77,    633.473,      0.000!   !END!
745 ! X =      633.605,    5855.82,    631.341,      0.000!   !END!
746 ! X =      633.605,    5855.87,    629.257,      0.000!   !END!
747 ! X =      633.605,    5855.92,    627.255,      0.000!   !END!
748 ! X =      633.605,    5855.97,    624.944,      0.000!   !END!
749 ! X =      633.605,    5856.02,    622.298,      0.000!   !END!
750 ! X =      633.605,    5856.07,    618.374,      0.000!   !END!
751 ! X =      633.605,    5856.12,    613.709,      0.000!   !END!
752 ! X =      633.605,    5856.17,    609.838,      0.000!   !END!
753 ! X =      633.605,    5856.22,    606.202,      0.000!   !END!
754 ! X =      633.605,    5856.27,    603.611,      0.000!   !END!
755 ! X =      633.605,    5856.32,    601.218,      0.000!   !END!
756 ! X =      633.605,    5856.37,    600.011,      0.000!   !END!
757 ! X =      633.605,    5856.42,    599.122,      0.000!   !END!
758 ! X =      633.605,    5856.47,    599.071,      0.000!   !END!
759 ! X =      633.605,    5856.52,    598.767,      0.000!   !END!
760 ! X =      633.605,    5856.57,    598.187,      0.000!   !END!
761 ! X =      633.605,    5856.62,    596.814,      0.000!   !END!
762 ! X =      633.605,    5856.67,    594.724,      0.000!   !END!
763 ! X =      633.605,    5856.72,    592.837,      0.000!   !END!
764 ! X =      633.605,    5856.77,    591.012,      0.000!   !END!
765 ! X =      633.605,    5856.82,    589.852,      0.000!   !END!
766 ! X =      633.605,    5856.87,    588.847,      0.000!   !END!
767 ! X =      633.605,    5856.92,    587.649,      0.000!   !END!
768 ! X =      633.605,    5856.97,    586.600,      0.000!   !END!
769 ! X =      633.605,    5857.02,    586.699,      0.000!   !END!
770 ! X =      633.605,    5857.07,    586.476,      0.000!   !END!
771 ! X =      633.605,    5857.12,    585.248,      0.000!   !END!
772 ! X =      633.605,    5857.17,    585.981,      0.000!   !END!
773 ! X =      633.605,    5857.22,    589.803,      0.000!   !END!
774 ! X =      633.605,    5857.27,    595.018,      0.000!   !END!
775 ! X =      633.605,    5857.32,    601.447,      0.000!   !END!
776 ! X =      633.605,    5857.37,    607.222,      0.000!   !END!
777 ! X =      633.655,    5855.37,    633.471,      0.000!   !END!
778 ! X =      633.655,    5855.42,    632.491,      0.000!   !END!
779 ! X =      633.655,    5855.47,    631.144,      0.000!   !END!
780 ! X =      633.655,    5855.52,    630.757,      0.000!   !END!
781 ! X =      633.655,    5855.57,    630.712,      0.000!   !END!
782 ! X =      633.655,    5855.62,    632.332,      0.000!   !END!
783 ! X =      633.655,    5855.67,    633.977,      0.000!   !END!
784 ! X =      633.655,    5855.72,    633.477,      0.000!   !END!
785 ! X =      633.655,    5855.77,    632.734,      0.000!   !END!
786 ! X =      633.655,    5855.82,    631.081,      0.000!   !END!
787 ! X =      633.655,    5855.87,    629.637,      0.000!   !END!
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788 ! X =      633.655,    5855.92,    628.504,       0.000!  !END!
789 ! X =      633.655,    5855.97,    626.591,       0.000!  !END!
790 ! X =      633.655,    5856.02,    623.801,       0.000!  !END!
791 ! X =      633.655,    5856.07,    619.056,       0.000!  !END!
792 ! X =      633.655,    5856.12,    613.201,       0.000!  !END!
793 ! X =      633.655,    5856.17,    609.357,       0.000!  !END!
794 ! X =      633.655,    5856.22,    606.098,       0.000!  !END!
795 ! X =      633.655,    5856.27,    604.021,       0.000!  !END!
796 ! X =      633.655,    5856.32,    602.188,       0.000!  !END!
797 ! X =      633.655,    5856.37,    601.673,       0.000!  !END!
798 ! X =      633.655,    5856.42,    601.047,       0.000!  !END!
799 ! X =      633.655,    5856.47,    599.994,       0.000!  !END!
800 ! X =      633.655,    5856.52,    599.259,       0.000!  !END!
801 ! X =      633.655,    5856.57,    599.093,       0.000!  !END!
802 ! X =      633.655,    5856.62,    598.296,       0.000!  !END!
803 ! X =      633.655,    5856.67,    596.897,       0.000!  !END!
804 ! X =      633.655,    5856.72,    595.179,       0.000!  !END!
805 ! X =      633.655,    5856.77,    593.295,       0.000!  !END!
806 ! X =      633.655,    5856.82,    591.888,       0.000!  !END!
807 ! X =      633.655,    5856.87,    590.584,       0.000!  !END!
808 ! X =      633.655,    5856.92,    590.030,       0.000!  !END!
809 ! X =      633.655,    5856.97,    589.621,       0.000!  !END!
810 ! X =      633.655,    5857.02,    589.695,       0.000!  !END!
811 ! X =      633.655,    5857.07,    589.482,       0.000!  !END!
812 ! X =      633.655,    5857.12,    588.273,       0.000!  !END!
813 ! X =      633.655,    5857.17,    588.683,       0.000!  !END!
814 ! X =      633.655,    5857.22,    591.830,       0.000!  !END!
815 ! X =      633.655,    5857.27,    596.678,       0.000!  !END!
816 ! X =      633.655,    5857.32,    603.196,       0.000!  !END!
817 ! X =      633.655,    5857.37,    608.487,       0.000!  !END!
818 ! X =      633.705,    5855.37,    635.800,       0.000!  !END!
819 ! X =      633.705,    5855.42,    634.181,       0.000!  !END!
820 ! X =      633.705,    5855.47,    632.231,       0.000!  !END!
821 ! X =      633.705,    5855.52,    631.435,       0.000!  !END!
822 ! X =      633.705,    5855.57,    631.050,       0.000!  !END!
823 ! X =      633.705,    5855.62,    632.053,       0.000!  !END!
824 ! X =      633.705,    5855.67,    633.190,       0.000!  !END!
825 ! X =      633.705,    5855.72,    632.186,       0.000!  !END!
826 ! X =      633.705,    5855.77,    630.978,       0.000!  !END!
827 ! X =      633.705,    5855.82,    628.844,       0.000!  !END!
828 ! X =      633.705,    5855.87,    627.146,       0.000!  !END!
829 ! X =      633.705,    5855.92,    626.491,       0.000!  !END!
830 ! X =      633.705,    5855.97,    624.668,       0.000!  !END!
831 ! X =      633.705,    5856.02,    621.398,       0.000!  !END!
832 ! X =      633.705,    5856.07,    617.121,       0.000!  !END!
833 ! X =      633.705,    5856.12,    612.209,       0.000!  !END!
834 ! X =      633.705,    5856.17,    608.504,       0.000!  !END!
835 ! X =      633.705,    5856.22,    605.177,       0.000!  !END!
836 ! X =      633.705,    5856.27,    603.865,       0.000!  !END!
837 ! X =      633.705,    5856.32,    602.873,       0.000!  !END!
838 ! X =      633.705,    5856.37,    602.383,       0.000!  !END!
839 ! X =      633.705,    5856.42,    601.823,       0.000!  !END!
840 ! X =      633.705,    5856.47,    600.847,       0.000!  !END!
841 ! X =      633.705,    5856.52,    600.035,       0.000!  !END!
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842 ! X =      633.705,     5856.57,     599.520,       0.000!   !END!
843 ! X =      633.705,     5856.62,     598.753,       0.000!   !END!
844 ! X =      633.705,     5856.67,     597.700,       0.000!   !END!
845 ! X =      633.705,     5856.72,     596.417,       0.000!   !END!
846 ! X =      633.705,     5856.77,     595.012,       0.000!   !END!
847 ! X =      633.705,     5856.82,     593.487,       0.000!   !END!
848 ! X =      633.705,     5856.87,     591.919,       0.000!   !END!
849 ! X =      633.705,     5856.92,     591.812,       0.000!   !END!
850 ! X =      633.705,     5856.97,     591.861,       0.000!   !END!
851 ! X =      633.705,     5857.02,     591.911,       0.000!   !END!
852 ! X =      633.705,     5857.07,     591.852,       0.000!   !END!
853 ! X =      633.705,     5857.12,     591.372,       0.000!   !END!
854 ! X =      633.705,     5857.17,     591.931,       0.000!   !END!
855 ! X =      633.705,     5857.22,     594.422,       0.000!   !END!
856 ! X =      633.705,     5857.27,     598.407,       0.000!   !END!
857 ! X =      633.705,     5857.32,     603.955,       0.000!   !END!
858 ! X =      633.705,     5857.37,     608.707,       0.000!   !END!
859 ! X =      633.755,     5855.37,     637.250,       0.000!   !END!
860 ! X =      633.755,     5855.42,     635.189,       0.000!   !END!
861 ! X =      633.755,     5855.47,     632.736,       0.000!   !END!
862 ! X =      633.755,     5855.52,     631.622,       0.000!   !END!
863 ! X =      633.755,     5855.57,     631.082,       0.000!   !END!
864 ! X =      633.755,     5855.62,     631.313,       0.000!   !END!
865 ! X =      633.755,     5855.67,     631.634,       0.000!   !END!
866 ! X =      633.755,     5855.72,     630.141,       0.000!   !END!
867 ! X =      633.755,     5855.77,     628.567,       0.000!   !END!
868 ! X =      633.755,     5855.82,     626.746,       0.000!   !END!
869 ! X =      633.755,     5855.87,     624.933,       0.000!   !END!
870 ! X =      633.755,     5855.92,     623.033,       0.000!   !END!
871 ! X =      633.755,     5855.97,     620.284,       0.000!   !END!
872 ! X =      633.755,     5856.02,     616.461,       0.000!   !END!
873 ! X =      633.755,     5856.07,     613.040,       0.000!   !END!
874 ! X =      633.755,     5856.12,     610.018,       0.000!   !END!
875 ! X =      633.755,     5856.17,     606.470,       0.000!   !END!
876 ! X =      633.755,     5856.22,     602.664,       0.000!   !END!
877 ! X =      633.755,     5856.27,     602.048,       0.000!   !END!
878 ! X =      633.755,     5856.32,     602.002,       0.000!   !END!
879 ! X =      633.755,     5856.37,     602.052,       0.000!   !END!
880 ! X =      633.755,     5856.42,     602.019,       0.000!   !END!
881 ! X =      633.755,     5856.47,     601.530,       0.000!   !END!
882 ! X =      633.755,     5856.52,     601.024,       0.000!   !END!
883 ! X =      633.755,     5856.57,     600.463,       0.000!   !END!
884 ! X =      633.755,     5856.62,     599.673,       0.000!   !END!
885 ! X =      633.755,     5856.67,     598.620,       0.000!   !END!
886 ! X =      633.755,     5856.72,     597.566,       0.000!   !END!
887 ! X =      633.755,     5856.77,     596.513,       0.000!   !END!
888 ! X =      633.755,     5856.82,     595.163,       0.000!   !END!
889 ! X =      633.755,     5856.87,     593.727,       0.000!   !END!
890 ! X =      633.755,     5856.92,     593.453,       0.000!   !END!
891 ! X =      633.755,     5856.97,     593.321,       0.000!   !END!
892 ! X =      633.755,     5857.02,     593.346,       0.000!   !END!
893 ! X =      633.755,     5857.07,     593.403,       0.000!   !END!
894 ! X =      633.755,     5857.12,     593.643,       0.000!   !END!
895 ! X =      633.755,     5857.17,     594.508,       0.000!   !END!
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896 ! X =      633.755,    5857.22,    596.714,       0.000!   !END!
897 ! X =      633.755,    5857.27,    600.031,       0.000!   !END!
898 ! X =      633.755,    5857.32,    604.660,       0.000!   !END!
899 ! X =      633.755,    5857.37,    608.939,       0.000!   !END!
900 ! X =      633.805,    5855.37,    636.596,       0.000!   !END!
901 ! X =      633.805,    5855.42,    634.611,       0.000!   !END!
902 ! X =      633.805,    5855.47,    632.628,       0.000!   !END!
903 ! X =      633.805,    5855.52,    631.455,       0.000!   !END!
904 ! X =      633.805,    5855.57,    630.626,       0.000!   !END!
905 ! X =      633.805,    5855.62,    629.728,       0.000!   !END!
906 ! X =      633.805,    5855.67,    628.747,       0.000!   !END!
907 ! X =      633.805,    5855.72,    627.676,       0.000!   !END!
908 ! X =      633.805,    5855.77,    626.582,       0.000!   !END!
909 ! X =      633.805,    5855.82,    624.915,       0.000!   !END!
910 ! X =      633.805,    5855.87,    622.653,       0.000!   !END!
911 ! X =      633.805,    5855.92,    618.559,       0.000!   !END!
912 ! X =      633.805,    5855.97,    614.615,       0.000!   !END!
913 ! X =      633.805,    5856.02,    611.075,       0.000!   !END!
914 ! X =      633.805,    5856.07,    608.599,       0.000!   !END!
915 ! X =      633.805,    5856.12,    607.061,       0.000!   !END!
916 ! X =      633.805,    5856.17,    605.162,       0.000!   !END!
917 ! X =      633.805,    5856.22,    603.168,       0.000!   !END!
918 ! X =      633.805,    5856.27,    603.256,       0.000!   !END!
919 ! X =      633.805,    5856.32,    603.773,       0.000!   !END!
920 ! X =      633.805,    5856.37,    603.832,       0.000!   !END!
921 ! X =      633.805,    5856.42,    603.815,       0.000!   !END!
922 ! X =      633.805,    5856.47,    603.325,       0.000!   !END!
923 ! X =      633.805,    5856.52,    602.692,       0.000!   !END!
924 ! X =      633.805,    5856.57,    601.652,       0.000!   !END!
925 ! X =      633.805,    5856.62,    600.594,       0.000!   !END!
926 ! X =      633.805,    5856.67,    599.540,       0.000!   !END!
927 ! X =      633.805,    5856.72,    598.487,       0.000!   !END!
928 ! X =      633.805,    5856.77,    597.433,       0.000!   !END!
929 ! X =      633.805,    5856.82,    596.380,       0.000!   !END!
930 ! X =      633.805,    5856.87,    595.326,       0.000!   !END!
931 ! X =      633.805,    5856.92,    594.730,       0.000!   !END!
932 ! X =      633.805,    5856.97,    594.215,       0.000!   !END!
933 ! X =      633.805,    5857.02,    594.362,       0.000!   !END!
934 ! X =      633.805,    5857.07,    594.615,       0.000!   !END!
935 ! X =      633.805,    5857.12,    595.359,       0.000!   !END!
936 ! X =      633.805,    5857.17,    596.539,       0.000!   !END!
937 ! X =      633.805,    5857.22,    598.769,       0.000!   !END!
938 ! X =      633.805,    5857.27,    601.756,       0.000!   !END!
939 ! X =      633.805,    5857.32,    605.717,       0.000!   !END!
940 ! X =      633.805,    5857.37,    609.569,       0.000!   !END!
941 ! X =      633.855,    5855.37,    634.676,       0.000!   !END!
942 ! X =      633.855,    5855.42,    633.212,       0.000!   !END!
943 ! X =      633.855,    5855.47,    632.312,       0.000!   !END!
944 ! X =      633.855,    5855.52,    631.167,       0.000!   !END!
945 ! X =      633.855,    5855.57,    629.858,       0.000!   !END!
946 ! X =      633.855,    5855.62,    628.096,       0.000!   !END!
947 ! X =      633.855,    5855.67,    626.195,       0.000!   !END!
948 ! X =      633.855,    5855.72,    625.522,       0.000!   !END!
949 ! X =      633.855,    5855.77,    624.801,       0.000!   !END!
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 950 ! X =      633.855,    5855.82,    622.555,      0.000!   !END!
 951 ! X =      633.855,    5855.87,    619.661,      0.000!   !END!
 952 ! X =      633.855,    5855.92,    614.711,      0.000!   !END!
 953 ! X =      633.855,    5855.97,    610.483,      0.000!   !END!
 954 ! X =      633.855,    5856.02,    607.497,      0.000!   !END!
 955 ! X =      633.855,    5856.07,    605.651,      0.000!   !END!
 956 ! X =      633.855,    5856.12,    604.874,      0.000!   !END!
 957 ! X =      633.855,    5856.17,    604.776,      0.000!   !END!
 958 ! X =      633.855,    5856.22,    605.128,      0.000!   !END!
 959 ! X =      633.855,    5856.27,    606.035,      0.000!   !END!
 960 ! X =      633.855,    5856.32,    607.080,      0.000!   !END!
 961 ! X =      633.855,    5856.37,    606.812,      0.000!   !END!
 962 ! X =      633.855,    5856.42,    606.398,      0.000!   !END!
 963 ! X =      633.855,    5856.47,    605.471,      0.000!   !END!
 964 ! X =      633.855,    5856.52,    604.387,      0.000!   !END!
 965 ! X =      633.855,    5856.57,    602.867,      0.000!   !END!
 966 ! X =      633.855,    5856.62,    601.514,      0.000!   !END!
 967 ! X =      633.855,    5856.67,    600.460,      0.000!   !END!
 968 ! X =      633.855,    5856.72,    599.407,      0.000!   !END!
 969 ! X =      633.855,    5856.77,    598.348,      0.000!   !END!
 970 ! X =      633.855,    5856.82,    597.254,      0.000!   !END!
 971 ! X =      633.855,    5856.87,    596.189,      0.000!   !END!
 972 ! X =      633.855,    5856.92,    595.558,      0.000!   !END!
 973 ! X =      633.855,    5856.97,    595.019,      0.000!   !END!
 974 ! X =      633.855,    5857.02,    595.586,      0.000!   !END!
 975 ! X =      633.855,    5857.07,    596.288,      0.000!   !END!
 976 ! X =      633.855,    5857.12,    597.583,      0.000!   !END!
 977 ! X =      633.855,    5857.17,    599.096,      0.000!   !END!
 978 ! X =      633.855,    5857.22,    601.077,      0.000!   !END!
 979 ! X =      633.855,    5857.27,    603.489,      0.000!   !END!
 980 ! X =      633.855,    5857.32,    606.595,      0.000!   !END!
 981 ! X =      633.855,    5857.37,    610.056,      0.000!   !END!
 982 ! X =      633.905,    5855.37,    633.530,      0.000!   !END!
 983 ! X =      633.905,    5855.42,    632.516,      0.000!   !END!
 984 ! X =      633.905,    5855.47,    631.952,      0.000!   !END!
 985 ! X =      633.905,    5855.52,    630.721,      0.000!   !END!
 986 ! X =      633.905,    5855.57,    629.079,      0.000!   !END!
 987 ! X =      633.905,    5855.62,    626.891,      0.000!   !END!
 988 ! X =      633.905,    5855.67,    624.510,      0.000!   !END!
 989 ! X =      633.905,    5855.72,    623.757,      0.000!   !END!
 990 ! X =      633.905,    5855.77,    623.041,      0.000!   !END!
 991 ! X =      633.905,    5855.82,    620.066,      0.000!   !END!
 992 ! X =      633.905,    5855.87,    616.733,      0.000!   !END!
 993 ! X =      633.905,    5855.92,    612.066,      0.000!   !END!
 994 ! X =      633.905,    5855.97,    608.260,      0.000!   !END!
 995 ! X =      633.905,    5856.02,    606.089,      0.000!   !END!
 996 ! X =      633.905,    5856.07,    605.315,      0.000!   !END!
 997 ! X =      633.905,    5856.12,    606.038,      0.000!   !END!
 998 ! X =      633.905,    5856.17,    607.075,      0.000!   !END!
 999 ! X =      633.905,    5856.22,    608.252,      0.000!   !END!
1000 ! X =      633.905,    5856.27,    609.428,      0.000!   !END!
1001 ! X =      633.905,    5856.32,    610.605,      0.000!   !END!
1002 ! X =      633.905,    5856.37,    609.942,      0.000!   !END!
1003 ! X =      633.905,    5856.42,    609.063,      0.000!   !END!
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1004 ! X =      633.905,     5856.47,     607.656,      0.000!   !END!
1005 ! X =      633.905,     5856.52,     606.196,      0.000!   !END!
1006 ! X =      633.905,     5856.57,     604.628,      0.000!   !END!
1007 ! X =      633.905,     5856.62,     603.095,      0.000!   !END!
1008 ! X =      633.905,     5856.67,     601.606,      0.000!   !END!
1009 ! X =      633.905,     5856.72,     599.856,      0.000!   !END!
1010 ! X =      633.905,     5856.77,     597.825,      0.000!   !END!
1011 ! X =      633.905,     5856.82,     596.704,      0.000!   !END!
1012 ! X =      633.905,     5856.87,     596.118,      0.000!   !END!
1013 ! X =      633.905,     5856.92,     595.573,      0.000!   !END!
1014 ! X =      633.905,     5856.97,     595.034,      0.000!   !END!
1015 ! X =      633.905,     5857.02,     596.028,      0.000!   !END!
1016 ! X =      633.905,     5857.07,     597.261,      0.000!   !END!
1017 ! X =      633.905,     5857.12,     599.466,      0.000!   !END!
1018 ! X =      633.905,     5857.17,     601.427,      0.000!   !END!
1019 ! X =      633.905,     5857.22,     602.554,      0.000!   !END!
1020 ! X =      633.905,     5857.27,     604.255,      0.000!   !END!
1021 ! X =      633.905,     5857.32,     606.906,      0.000!   !END!
1022 ! X =      633.905,     5857.37,     609.983,      0.000!   !END!
1023 ! X =      633.955,     5855.37,     632.016,      0.000!   !END!
1024 ! X =      633.955,     5855.42,     631.374,      0.000!   !END!
1025 ! X =      633.955,     5855.47,     630.678,      0.000!   !END!
1026 ! X =      633.955,     5855.52,     629.318,      0.000!   !END!
1027 ! X =      633.955,     5855.57,     627.490,      0.000!   !END!
1028 ! X =      633.955,     5855.62,     625.274,      0.000!   !END!
1029 ! X =      633.955,     5855.67,     623.016,      0.000!   !END!
1030 ! X =      633.955,     5855.72,     622.132,      0.000!   !END!
1031 ! X =      633.955,     5855.77,     621.329,      0.000!   !END!
1032 ! X =      633.955,     5855.82,     617.875,      0.000!   !END!
1033 ! X =      633.955,     5855.87,     614.272,      0.000!   !END!
1034 ! X =      633.955,     5855.92,     610.085,      0.000!   !END!
1035 ! X =      633.955,     5855.97,     606.909,      0.000!   !END!
1036 ! X =      633.955,     5856.02,     605.925,      0.000!   !END!
1037 ! X =      633.955,     5856.07,     606.621,      0.000!   !END!
1038 ! X =      633.955,     5856.12,     609.286,      0.000!   !END!
1039 ! X =      633.955,     5856.17,     611.094,      0.000!   !END!
1040 ! X =      633.955,     5856.22,     612.296,      0.000!   !END!
1041 ! X =      633.955,     5856.27,     613.497,      0.000!   !END!
1042 ! X =      633.955,     5856.32,     614.698,      0.000!   !END!
1043 ! X =      633.955,     5856.37,     613.968,      0.000!   !END!
1044 ! X =      633.955,     5856.42,     612.978,      0.000!   !END!
1045 ! X =      633.955,     5856.47,     611.141,      0.000!   !END!
1046 ! X =      633.955,     5856.52,     609.277,      0.000!   !END!
1047 ! X =      633.955,     5856.57,     607.386,      0.000!   !END!
1048 ! X =      633.955,     5856.62,     605.596,      0.000!   !END!
1049 ! X =      633.955,     5856.67,     604.052,      0.000!   !END!
1050 ! X =      633.955,     5856.72,     601.670,      0.000!   !END!
1051 ! X =      633.955,     5856.77,     598.301,      0.000!   !END!
1052 ! X =      633.955,     5856.82,     596.395,      0.000!   !END!
1053 ! X =      633.955,     5856.87,     595.399,      0.000!   !END!
1054 ! X =      633.955,     5856.92,     595.084,      0.000!   !END!
1055 ! X =      633.955,     5856.97,     595.006,      0.000!   !END!
1056 ! X =      633.955,     5857.02,     596.871,      0.000!   !END!
1057 ! X =      633.955,     5857.07,     598.982,      0.000!   !END!
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1058 ! X =      633.955,      5857.12,      601.187,       0.000!   !END!
1059 ! X =      633.955,      5857.17,      603.177,       0.000!   !END!
1060 ! X =      633.955,      5857.22,      604.291,       0.000!   !END!
1061 ! X =      633.955,      5857.27,      605.743,       0.000!   !END!
1062 ! X =      633.955,      5857.32,      607.899,       0.000!   !END!
1063 ! X =      633.955,      5857.37,      610.035,       0.000!   !END!
1064 ! X =      634.005,      5855.37,      629.361,       0.000!   !END!
1065 ! X =      634.005,      5855.42,      628.529,       0.000!   !END!
1066 ! X =      634.005,      5855.47,      627.378,       0.000!   !END!
1067 ! X =      634.005,      5855.52,      625.610,       0.000!   !END!
1068 ! X =      634.005,      5855.57,      623.380,       0.000!   !END!
1069 ! X =      634.005,      5855.62,      622.296,       0.000!   !END!
1070 ! X =      634.005,      5855.67,      621.683,       0.000!   !END!
1071 ! X =      634.005,      5855.72,      620.466,       0.000!   !END!
1072 ! X =      634.005,      5855.77,      619.095,       0.000!   !END!
1073 ! X =      634.005,      5855.82,      615.203,       0.000!   !END!
1074 ! X =      634.005,      5855.87,      611.377,       0.000!   !END!
1075 ! X =      634.005,      5855.92,      608.039,       0.000!   !END!
1076 ! X =      634.005,      5855.97,      605.938,       0.000!   !END!
1077 ! X =      634.005,      5856.02,      606.753,       0.000!   !END!
1078 ! X =      634.005,      5856.07,      609.028,       0.000!   !END!
1079 ! X =      634.005,      5856.12,      613.097,       0.000!   !END!
1080 ! X =      634.005,      5856.17,      615.515,       0.000!   !END!
1081 ! X =      634.005,      5856.22,      616.717,       0.000!   !END!
1082 ! X =      634.005,      5856.27,      617.751,       0.000!   !END!
1083 ! X =      634.005,      5856.32,      618.699,       0.000!   !END!
1084 ! X =      634.005,      5856.37,      617.972,       0.000!   !END!
1085 ! X =      634.005,      5856.42,      616.979,       0.000!   !END!
1086 ! X =      634.005,      5856.47,      614.921,       0.000!   !END!
1087 ! X =      634.005,      5856.52,      612.910,       0.000!   !END!
1088 ! X =      634.005,      5856.57,      611.165,       0.000!   !END!
1089 ! X =      634.005,      5856.62,      609.414,       0.000!   !END!
1090 ! X =      634.005,      5856.67,      607.579,       0.000!   !END!
1091 ! X =      634.005,      5856.72,      604.753,       0.000!   !END!
1092 ! X =      634.005,      5856.77,      600.709,       0.000!   !END!
1093 ! X =      634.005,      5856.82,      597.788,       0.000!   !END!
1094 ! X =      634.005,      5856.87,      595.590,       0.000!   !END!
1095 ! X =      634.005,      5856.92,      594.405,       0.000!   !END!
1096 ! X =      634.005,      5856.97,      593.553,       0.000!   !END!
1097 ! X =      634.005,      5857.02,      595.307,       0.000!   !END!
1098 ! X =      634.005,      5857.07,      597.426,       0.000!   !END!
1099 ! X =      634.005,      5857.12,      599.990,       0.000!   !END!
1100 ! X =      634.005,      5857.17,      602.395,       0.000!   !END!
1101 ! X =      634.005,      5857.22,      603.934,       0.000!   !END!
1102 ! X =      634.005,      5857.27,      605.683,       0.000!   !END!
1103 ! X =      634.005,      5857.32,      607.840,       0.000!   !END!
1104 ! X =      634.005,      5857.37,      609.754,       0.000!   !END!
1105 ! X =      634.055,      5855.37,      627.867,       0.000!   !END!
1106 ! X =      634.055,      5855.42,      626.591,       0.000!   !END!
1107 ! X =      634.055,      5855.47,      624.960,       0.000!   !END!
1108 ! X =      634.055,      5855.52,      622.999,       0.000!   !END!
1109 ! X =      634.055,      5855.57,      620.769,       0.000!   !END!
1110 ! X =      634.055,      5855.62,      619.640,       0.000!   !END!
1111 ! X =      634.055,      5855.67,      618.947,       0.000!   !END!
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1112 ! X =        634.055,     5855.72,     616.892,        0.000!   !END!
1113 ! X =        634.055,     5855.77,     614.563,        0.000!   !END!
1114 ! X =        634.055,     5855.82,     610.815,        0.000!   !END!
1115 ! X =        634.055,     5855.87,     607.360,        0.000!   !END!
1116 ! X =        634.055,     5855.92,     605.964,        0.000!   !END!
1117 ! X =        634.055,     5855.97,     605.774,        0.000!   !END!
1118 ! X =        634.055,     5856.02,     608.795,        0.000!   !END!
1119 ! X =        634.055,     5856.07,     612.359,        0.000!   !END!
1120 ! X =        634.055,     5856.12,     616.608,        0.000!   !END!
1121 ! X =        634.055,     5856.17,     619.051,        0.000!   !END!
1122 ! X =        634.055,     5856.22,     620.013,        0.000!   !END!
1123 ! X =        634.055,     5856.27,     620.812,        0.000!   !END!
1124 ! X =        634.055,     5856.32,     621.570,        0.000!   !END!
1125 ! X =        634.055,     5856.37,     620.829,        0.000!   !END!
1126 ! X =        634.055,     5856.42,     619.800,        0.000!   !END!
1127 ! X =        634.055,     5856.47,     617.709,        0.000!   !END!
1128 ! X =        634.055,     5856.52,     615.734,        0.000!   !END!
1129 ! X =        634.055,     5856.57,     614.672,        0.000!   !END!
1130 ! X =        634.055,     5856.62,     613.369,        0.000!   !END!
1131 ! X =        634.055,     5856.67,     611.312,        0.000!   !END!
1132 ! X =        634.055,     5856.72,     608.227,        0.000!   !END!
1133 ! X =        634.055,     5856.77,     603.703,        0.000!   !END!
1134 ! X =        634.055,     5856.82,     599.707,        0.000!   !END!
1135 ! X =        634.055,     5856.87,     596.071,        0.000!   !END!
1136 ! X =        634.055,     5856.92,     594.235,        0.000!   !END!
1137 ! X =        634.055,     5856.97,     593.157,        0.000!   !END!
1138 ! X =        634.055,     5857.02,     594.843,        0.000!   !END!
1139 ! X =        634.055,     5857.07,     596.999,        0.000!   !END!
1140 ! X =        634.055,     5857.12,     599.297,        0.000!   !END!
1141 ! X =        634.055,     5857.17,     601.472,        0.000!   !END!
1142 ! X =        634.055,     5857.22,     603.064,        0.000!   !END!
1143 ! X =        634.055,     5857.27,     604.686,        0.000!   !END!
1144 ! X =        634.055,     5857.32,     606.363,        0.000!   !END!
1145 ! X =        634.055,     5857.37,     607.780,        0.000!   !END!
1146 ! X =        634.105,     5855.37,     626.180,        0.000!   !END!
1147 ! X =        634.105,     5855.42,     623.736,        0.000!   !END!
1148 ! X =        634.105,     5855.47,     621.158,        0.000!   !END!
1149 ! X =        634.105,     5855.52,     619.172,        0.000!   !END!
1150 ! X =        634.105,     5855.57,     617.836,        0.000!   !END!
1151 ! X =        634.105,     5855.62,     615.735,        0.000!   !END!
1152 ! X =        634.105,     5855.67,     613.120,        0.000!   !END!
1153 ! X =        634.105,     5855.72,     610.721,        0.000!   !END!
1154 ! X =        634.105,     5855.77,     608.392,        0.000!   !END!
1155 ! X =        634.105,     5855.82,     606.042,        0.000!   !END!
1156 ! X =        634.105,     5855.87,     604.015,        0.000!   !END!
1157 ! X =        634.105,     5855.92,     604.501,        0.000!   !END!
1158 ! X =        634.105,     5855.97,     605.884,        0.000!   !END!
1159 ! X =        634.105,     5856.02,     610.147,        0.000!   !END!
1160 ! X =        634.105,     5856.07,     614.229,        0.000!   !END!
1161 ! X =        634.105,     5856.12,     618.030,        0.000!   !END!
1162 ! X =        634.105,     5856.17,     620.078,        0.000!   !END!
1163 ! X =        634.105,     5856.22,     620.487,        0.000!   !END!
1164 ! X =        634.105,     5856.27,     621.229,        0.000!   !END!
1165 ! X =        634.105,     5856.32,     622.123,        0.000!   !END!
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1166 ! X =      634.105,    5856.37,    621.239,      0.000!  !END!
1167 ! X =      634.105,    5856.42,    619.924,      0.000!  !END!
1168 ! X =      634.105,    5856.47,    618.183,      0.000!  !END!
1169 ! X =      634.105,    5856.52,    616.595,      0.000!  !END!
1170 ! X =      634.105,    5856.57,    615.838,      0.000!  !END!
1171 ! X =      634.105,    5856.62,    614.705,      0.000!  !END!
1172 ! X =      634.105,    5856.67,    612.500,      0.000!  !END!
1173 ! X =      634.105,    5856.72,    609.237,      0.000!  !END!
1174 ! X =      634.105,    5856.77,    604.336,      0.000!  !END!
1175 ! X =      634.105,    5856.82,    600.142,      0.000!  !END!
1176 ! X =      634.105,    5856.87,    596.616,      0.000!  !END!
1177 ! X =      634.105,    5856.92,    594.794,      0.000!  !END!
1178 ! X =      634.105,    5856.97,    593.740,      0.000!  !END!
1179 ! X =      634.105,    5857.02,    594.846,      0.000!  !END!
1180 ! X =      634.105,    5857.07,    596.355,      0.000!  !END!
1181 ! X =      634.105,    5857.12,    598.139,      0.000!  !END!
1182 ! X =      634.105,    5857.17,    599.884,      0.000!  !END!
1183 ! X =      634.105,    5857.22,    601.452,      0.000!  !END!
1184 ! X =      634.105,    5857.27,    603.020,      0.000!  !END!
1185 ! X =      634.105,    5857.32,    604.588,      0.000!  !END!
1186 ! X =      634.105,    5857.37,    605.936,      0.000!  !END!
1187 ! X =      634.155,    5855.37,    622.704,      0.000!  !END!
1188 ! X =      634.155,    5855.42,    620.502,      0.000!  !END!
1189 ! X =      634.155,    5855.47,    618.092,      0.000!  !END!
1190 ! X =      634.155,    5855.52,    615.919,      0.000!  !END!
1191 ! X =      634.155,    5855.57,    613.943,      0.000!  !END!
1192 ! X =      634.155,    5855.62,    611.425,      0.000!  !END!
1193 ! X =      634.155,    5855.67,    608.607,      0.000!  !END!
1194 ! X =      634.155,    5855.72,    606.204,      0.000!  !END!
1195 ! X =      634.155,    5855.77,    603.924,      0.000!  !END!
1196 ! X =      634.155,    5855.82,    602.509,      0.000!  !END!
1197 ! X =      634.155,    5855.87,    601.359,      0.000!  !END!
1198 ! X =      634.155,    5855.92,    602.324,      0.000!  !END!
1199 ! X =      634.155,    5855.97,    603.984,      0.000!  !END!
1200 ! X =      634.155,    5856.02,    608.248,      0.000!  !END!
1201 ! X =      634.155,    5856.07,    612.511,      0.000!  !END!
1202 ! X =      634.155,    5856.12,    616.756,      0.000!  !END!
1203 ! X =      634.155,    5856.17,    618.866,      0.000!  !END!
1204 ! X =      634.155,    5856.22,    618.838,      0.000!  !END!
1205 ! X =      634.155,    5856.27,    619.046,      0.000!  !END!
1206 ! X =      634.155,    5856.32,    619.312,      0.000!  !END!
1207 ! X =      634.155,    5856.37,    618.055,      0.000!  !END!
1208 ! X =      634.155,    5856.42,    616.418,      0.000!  !END!
1209 ! X =      634.155,    5856.47,    615.711,      0.000!  !END!
1210 ! X =      634.155,    5856.52,    615.024,      0.000!  !END!
1211 ! X =      634.155,    5856.57,    613.713,      0.000!  !END!
1212 ! X =      634.155,    5856.62,    612.075,      0.000!  !END!
1213 ! X =      634.155,    5856.67,    609.308,      0.000!  !END!
1214 ! X =      634.155,    5856.72,    605.920,      0.000!  !END!
1215 ! X =      634.155,    5856.77,    601.635,      0.000!  !END!
1216 ! X =      634.155,    5856.82,    598.351,      0.000!  !END!
1217 ! X =      634.155,    5856.87,    595.996,      0.000!  !END!
1218 ! X =      634.155,    5856.92,    594.456,      0.000!  !END!
1219 ! X =      634.155,    5856.97,    593.329,      0.000!  !END!
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1220 ! X =      634.155,    5857.02,    593.925,      0.000!   !END!
1221 ! X =      634.155,    5857.07,    594.953,      0.000!   !END!
1222 ! X =      634.155,    5857.12,    596.754,      0.000!   !END!
1223 ! X =      634.155,    5857.17,    598.575,      0.000!   !END!
1224 ! X =      634.155,    5857.22,    599.861,      0.000!   !END!
1225 ! X =      634.155,    5857.27,    601.269,      0.000!   !END!
1226 ! X =      634.155,    5857.32,    603.172,      0.000!   !END!
1227 ! X =      634.155,    5857.37,    604.505,      0.000!   !END!
1228 ! X =      634.205,    5855.37,    618.535,      0.000!   !END!
1229 ! X =      634.205,    5855.42,    617.154,      0.000!   !END!
1230 ! X =      634.205,    5855.47,    615.223,      0.000!   !END!
1231 ! X =      634.205,    5855.52,    613.168,      0.000!   !END!
1232 ! X =      634.205,    5855.57,    610.938,      0.000!   !END!
1233 ! X =      634.205,    5855.62,    608.170,      0.000!   !END!
1234 ! X =      634.205,    5855.67,    605.019,      0.000!   !END!
1235 ! X =      634.205,    5855.72,    603.391,      0.000!   !END!
1236 ! X =      634.205,    5855.77,    602.366,      0.000!   !END!
1237 ! X =      634.205,    5855.82,    601.643,      0.000!   !END!
1238 ! X =      634.205,    5855.87,    601.035,      0.000!   !END!
1239 ! X =      634.205,    5855.92,    602.113,      0.000!   !END!
1240 ! X =      634.205,    5855.97,    603.605,      0.000!   !END!
1241 ! X =      634.205,    5856.02,    606.980,      0.000!   !END!
1242 ! X =      634.205,    5856.07,    610.456,      0.000!   !END!
1243 ! X =      634.205,    5856.12,    614.222,      0.000!   !END!
1244 ! X =      634.205,    5856.17,    616.419,      0.000!   !END!
1245 ! X =      634.205,    5856.22,    616.871,      0.000!   !END!
1246 ! X =      634.205,    5856.27,    616.374,      0.000!   !END!
1247 ! X =      634.205,    5856.32,    615.199,      0.000!   !END!
1248 ! X =      634.205,    5856.37,    613.994,      0.000!   !END!
1249 ! X =      634.205,    5856.42,    612.793,      0.000!   !END!
1250 ! X =      634.205,    5856.47,    611.950,      0.000!   !END!
1251 ! X =      634.205,    5856.52,    611.028,      0.000!   !END!
1252 ! X =      634.205,    5856.57,    609.214,      0.000!   !END!
1253 ! X =      634.205,    5856.62,    607.002,      0.000!   !END!
1254 ! X =      634.205,    5856.67,    603.134,      0.000!   !END!
1255 ! X =      634.205,    5856.72,    599.809,      0.000!   !END!
1256 ! X =      634.205,    5856.77,    597.597,      0.000!   !END!
1257 ! X =      634.205,    5856.82,    595.836,      0.000!   !END!
1258 ! X =      634.205,    5856.87,    594.489,      0.000!   !END!
1259 ! X =      634.205,    5856.92,    593.325,      0.000!   !END!
1260 ! X =      634.205,    5856.97,    592.246,      0.000!   !END!
1261 ! X =      634.205,    5857.02,    592.682,      0.000!   !END!
1262 ! X =      634.205,    5857.07,    593.544,      0.000!   !END!
1263 ! X =      634.205,    5857.12,    595.567,      0.000!   !END!
1264 ! X =      634.205,    5857.17,    597.647,      0.000!   !END!
1265 ! X =      634.205,    5857.22,    598.948,      0.000!   !END!
1266 ! X =      634.205,    5857.27,    600.337,      0.000!   !END!
1267 ! X =      634.205,    5857.32,    601.941,      0.000!   !END!
1268 ! X =      634.205,    5857.37,    603.037,      0.000!   !END!
1269 ! X =      634.255,    5855.37,    614.384,      0.000!   !END!
1270 ! X =      634.255,    5855.42,    613.251,      0.000!   !END!
1271 ! X =      634.255,    5855.47,    611.510,      0.000!   !END!
1272 ! X =      634.255,    5855.52,    609.541,      0.000!   !END!
1273 ! X =      634.255,    5855.57,    607.261,      0.000!   !END!
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1274 ! X =        634.255,    5855.62,    604.881,        0.000!    !END!
1275 ! X =        634.255,    5855.67,    602.488,        0.000!    !END!
1276 ! X =        634.255,    5855.72,    602.102,        0.000!    !END!
1277 ! X =        634.255,    5855.77,    602.564,        0.000!    !END!
1278 ! X =        634.255,    5855.82,    602.193,        0.000!    !END!
1279 ! X =        634.255,    5855.87,    601.685,        0.000!    !END!
1280 ! X =        634.255,    5855.92,    602.407,        0.000!    !END!
1281 ! X =        634.255,    5855.97,    603.484,        0.000!    !END!
1282 ! X =        634.255,    5856.02,    606.719,        0.000!    !END!
1283 ! X =        634.255,    5856.07,    609.616,        0.000!    !END!
1284 ! X =        634.255,    5856.12,    611.639,        0.000!    !END!
1285 ! X =        634.255,    5856.17,    613.116,        0.000!    !END!
1286 ! X =        634.255,    5856.22,    614.022,        0.000!    !END!
1287 ! X =        634.255,    5856.27,    613.180,        0.000!    !END!
1288 ! X =        634.255,    5856.32,    611.038,        0.000!    !END!
1289 ! X =        634.255,    5856.37,    609.573,        0.000!    !END!
1290 ! X =        634.255,    5856.42,    608.371,        0.000!    !END!
1291 ! X =        634.255,    5856.47,    606.259,        0.000!    !END!
1292 ! X =        634.255,    5856.52,    603.953,        0.000!    !END!
1293 ! X =        634.255,    5856.57,    602.193,        0.000!    !END!
1294 ! X =        634.255,    5856.62,    600.220,        0.000!    !END!
1295 ! X =        634.255,    5856.67,    596.949,        0.000!    !END!
1296 ! X =        634.255,    5856.72,    594.697,        0.000!    !END!
1297 ! X =        634.255,    5856.77,    594.623,        0.000!    !END!
1298 ! X =        634.255,    5856.82,    594.378,        0.000!    !END!
1299 ! X =        634.255,    5856.87,    593.965,        0.000!    !END!
1300 ! X =        634.255,    5856.92,    593.155,        0.000!    !END!
1301 ! X =        634.255,    5856.97,    592.052,        0.000!    !END!
1302 ! X =        634.255,    5857.02,    592.252,        0.000!    !END!
1303 ! X =        634.255,    5857.07,    592.923,        0.000!    !END!
1304 ! X =        634.255,    5857.12,    594.773,        0.000!    !END!
1305 ! X =        634.255,    5857.17,    596.725,        0.000!    !END!
1306 ! X =        634.255,    5857.22,    598.129,        0.000!    !END!
1307 ! X =        634.255,    5857.27,    599.483,        0.000!    !END!
1308 ! X =        634.255,    5857.32,    600.728,        0.000!    !END!
1309 ! X =        634.255,    5857.37,    601.752,        0.000!    !END!
1310 ! X =        634.305,    5855.37,    610.508,        0.000!    !END!
1311 ! X =        634.305,    5855.42,    609.147,        0.000!    !END!
1312 ! X =        634.305,    5855.47,    607.226,        0.000!    !END!
1313 ! X =        634.305,    5855.52,    605.321,        0.000!    !END!
1314 ! X =        634.305,    5855.57,    603.508,        0.000!    !END!
1315 ! X =        634.305,    5855.62,    602.172,        0.000!    !END!
1316 ! X =        634.305,    5855.67,    601.267,        0.000!    !END!
1317 ! X =        634.305,    5855.72,    601.925,        0.000!    !END!
1318 ! X =        634.305,    5855.77,    603.294,        0.000!    !END!
1319 ! X =        634.305,    5855.82,    602.853,        0.000!    !END!
1320 ! X =        634.305,    5855.87,    602.019,        0.000!    !END!
1321 ! X =        634.305,    5855.92,    603.469,        0.000!    !END!
1322 ! X =        634.305,    5855.97,    605.094,        0.000!    !END!
1323 ! X =        634.305,    5856.02,    607.004,        0.000!    !END!
1324 ! X =        634.305,    5856.07,    608.472,        0.000!    !END!
1325 ! X =        634.305,    5856.12,    608.930,        0.000!    !END!
1326 ! X =        634.305,    5856.17,    609.086,        0.000!    !END!
1327 ! X =        634.305,    5856.22,    608.846,        0.000!    !END!
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1328 ! X =     634.305,    5856.27,    607.417,       0.000!    !END!
1329 ! X =     634.305,    5856.32,    605.088,       0.000!    !END!
1330 ! X =     634.305,    5856.37,    603.205,       0.000!    !END!
1331 ! X =     634.305,    5856.42,    601.491,       0.000!    !END!
1332 ! X =     634.305,    5856.47,    599.628,       0.000!    !END!
1333 ! X =     634.305,    5856.52,    597.767,       0.000!    !END!
1334 ! X =     634.305,    5856.57,    596.957,       0.000!    !END!
1335 ! X =     634.305,    5856.62,    595.988,       0.000!    !END!
1336 ! X =     634.305,    5856.67,    593.676,       0.000!    !END!
1337 ! X =     634.305,    5856.72,    592.026,       0.000!    !END!
1338 ! X =     634.305,    5856.77,    591.979,       0.000!    !END!
1339 ! X =     634.305,    5856.82,    592.189,       0.000!    !END!
1340 ! X =     634.305,    5856.87,    592.703,       0.000!    !END!
1341 ! X =     634.305,    5856.92,    592.377,       0.000!    !END!
1342 ! X =     634.305,    5856.97,    591.483,       0.000!    !END!
1343 ! X =     634.305,    5857.02,    591.997,       0.000!    !END!
1344 ! X =     634.305,    5857.07,    593.027,       0.000!    !END!
1345 ! X =     634.305,    5857.12,    594.493,       0.000!    !END!
1346 ! X =     634.305,    5857.17,    596.006,       0.000!    !END!
1347 ! X =     634.305,    5857.22,    597.084,       0.000!    !END!
1348 ! X =     634.305,    5857.27,    598.222,       0.000!    !END!
1349 ! X =     634.305,    5857.32,    599.682,       0.000!    !END!
1350 ! X =     634.305,    5857.37,    600.847,       0.000!    !END!
1351 ! X =     634.355,    5855.37,    606.603,       0.000!    !END!
1352 ! X =     634.355,    5855.42,    604.927,       0.000!    !END!
1353 ! X =     634.355,    5855.47,    603.034,       0.000!    !END!
1354 ! X =     634.355,    5855.52,    601.677,       0.000!    !END!
1355 ! X =     634.355,    5855.57,    601.195,       0.000!    !END!
1356 ! X =     634.355,    5855.62,    601.094,       0.000!    !END!
1357 ! X =     634.355,    5855.67,    601.296,       0.000!    !END!
1358 ! X =     634.355,    5855.72,    602.179,       0.000!    !END!
1359 ! X =     634.355,    5855.77,    603.359,       0.000!    !END!
1360 ! X =     634.355,    5855.82,    603.075,       0.000!    !END!
1361 ! X =     634.355,    5855.87,    602.491,       0.000!    !END!
1362 ! X =     634.355,    5855.92,    604.036,       0.000!    !END!
1363 ! X =     634.355,    5855.97,    605.487,       0.000!    !END!
1364 ! X =     634.355,    5856.02,    605.380,       0.000!    !END!
1365 ! X =     634.355,    5856.07,    605.126,       0.000!    !END!
1366 ! X =     634.355,    5856.12,    604.684,       0.000!    !END!
1367 ! X =     634.355,    5856.17,    603.882,       0.000!    !END!
1368 ! X =     634.355,    5856.22,    602.500,       0.000!    !END!
1369 ! X =     634.355,    5856.27,    600.962,       0.000!    !END!
1370 ! X =     634.355,    5856.32,    599.359,       0.000!    !END!
1371 ! X =     634.355,    5856.37,    597.916,       0.000!    !END!
1372 ! X =     634.355,    5856.42,    596.555,       0.000!    !END!
1373 ! X =     634.355,    5856.47,    594.886,       0.000!    !END!
1374 ! X =     634.355,    5856.52,    593.145,       0.000!    !END!
1375 ! X =     634.355,    5856.57,    592.863,       0.000!    !END!
1376 ! X =     634.355,    5856.62,    592.535,       0.000!    !END!
1377 ! X =     634.355,    5856.67,    591.206,       0.000!    !END!
1378 ! X =     634.355,    5856.72,    590.357,       0.000!    !END!
1379 ! X =     634.355,    5856.77,    590.800,       0.000!    !END!
1380 ! X =     634.355,    5856.82,    591.284,       0.000!    !END!
1381 ! X =     634.355,    5856.87,    591.798,       0.000!    !END!
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1382 ! X =     634.355,    5856.92,    592.295,    0.000!   !END!
1383 ! X =     634.355,    5856.97,    592.826,    0.000!   !END!
1384 ! X =     634.355,    5857.02,    593.352,    0.000!   !END!
1385 ! X =     634.355,    5857.07,    593.905,    0.000!   !END!
1386 ! X =     634.355,    5857.12,    594.827,    0.000!   !END!
1387 ! X =     634.355,    5857.17,    595.771,    0.000!   !END!
1388 ! X =     634.355,    5857.22,    596.933,    0.000!   !END!
1389 ! X =     634.355,    5857.27,    598.132,    0.000!   !END!
1390 ! X =     634.355,    5857.32,    599.211,    0.000!   !END!
1391 ! X =     634.355,    5857.37,    600.115,    0.000!   !END!
1392 ! X =     634.405,    5855.37,    601.655,    0.000!   !END!
1393 ! X =     634.405,    5855.42,    599.418,    0.000!   !END!
1394 ! X =     634.405,    5855.47,    599.037,    0.000!   !END!
1395 ! X =     634.405,    5855.52,    599.190,    0.000!   !END!
1396 ! X =     634.405,    5855.57,    600.243,    0.000!   !END!
1397 ! X =     634.405,    5855.62,    600.975,    0.000!   !END!
1398 ! X =     634.405,    5855.67,    601.346,    0.000!   !END!
1399 ! X =     634.405,    5855.72,    601.786,    0.000!   !END!
1400 ! X =     634.405,    5855.77,    602.275,    0.000!   !END!
1401 ! X =     634.405,    5855.82,    602.346,    0.000!   !END!
1402 ! X =     634.405,    5855.87,    602.297,    0.000!   !END!
1403 ! X =     634.405,    5855.92,    602.493,    0.000!   !END!
1404 ! X =     634.405,    5855.97,    602.550,    0.000!   !END!
1405 ! X =     634.405,    5856.02,    601.785,    0.000!   !END!
1406 ! X =     634.405,    5856.07,    601.135,    0.000!   !END!
1407 ! X =     634.405,    5856.12,    600.756,    0.000!   !END!
1408 ! X =     634.405,    5856.17,    599.924,    0.000!   !END!
1409 ! X =     634.405,    5856.22,    598.233,    0.000!   !END!
1410 ! X =     634.405,    5856.27,    596.811,    0.000!   !END!
1411 ! X =     634.405,    5856.32,    595.659,    0.000!   !END!
1412 ! X =     634.405,    5856.37,    594.715,    0.000!   !END!
1413 ! X =     634.405,    5856.42,    593.908,    0.000!   !END!
1414 ! X =     634.405,    5856.47,    592.701,    0.000!   !END!
1415 ! X =     634.405,    5856.52,    591.407,    0.000!   !END!
1416 ! X =     634.405,    5856.57,    590.950,    0.000!   !END!
1417 ! X =     634.405,    5856.62,    590.499,    0.000!   !END!
1418 ! X =     634.405,    5856.67,    589.776,    0.000!   !END!
1419 ! X =     634.405,    5856.72,    589.444,    0.000!   !END!
1420 ! X =     634.405,    5856.77,    590.390,    0.000!   !END!
1421 ! X =     634.405,    5856.82,    590.872,    0.000!   !END!
1422 ! X =     634.405,    5856.87,    590.489,    0.000!   !END!
1423 ! X =     634.405,    5856.92,    590.778,    0.000!   !END!
1424 ! X =     634.405,    5856.97,    591.757,    0.000!   !END!
1425 ! X =     634.405,    5857.02,    592.763,    0.000!   !END!
1426 ! X =     634.405,    5857.07,    593.796,    0.000!   !END!
1427 ! X =     634.405,    5857.12,    594.026,    0.000!   !END!
1428 ! X =     634.405,    5857.17,    594.011,    0.000!   !END!
1429 ! X =     634.405,    5857.22,    596.049,    0.000!   !END!
1430 ! X =     634.405,    5857.27,    598.100,    0.000!   !END!
1431 ! X =     634.405,    5857.32,    599.140,    0.000!   !END!
1432 ! X =     634.405,    5857.37,    599.907,    0.000!   !END!
1433 ! X =     634.455,    5855.37,    597.370,    0.000!   !END!
1434 ! X =     634.455,    5855.42,    596.162,    0.000!   !END!
1435 ! X =     634.455,    5855.47,    597.189,    0.000!   !END!
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1436 ! X =      634.455,     5855.52,     598.190,      0.000!    !END!
1437 ! X =      634.455,     5855.57,     599.164,      0.000!    !END!
1438 ! X =      634.455,     5855.62,     599.616,      0.000!    !END!
1439 ! X =      634.455,     5855.67,     599.459,      0.000!    !END!
1440 ! X =      634.455,     5855.72,     599.601,      0.000!    !END!
1441 ! X =      634.455,     5855.77,     599.929,      0.000!    !END!
1442 ! X =      634.455,     5855.82,     599.915,      0.000!    !END!
1443 ! X =      634.455,     5855.87,     599.791,      0.000!    !END!
1444 ! X =      634.455,     5855.92,     598.447,      0.000!    !END!
1445 ! X =      634.455,     5855.97,     596.967,      0.000!    !END!
1446 ! X =      634.455,     5856.02,     596.965,      0.000!    !END!
1447 ! X =      634.455,     5856.07,     596.990,      0.000!    !END!
1448 ! X =      634.455,     5856.12,     597.041,      0.000!    !END!
1449 ! X =      634.455,     5856.17,     596.656,      0.000!    !END!
1450 ! X =      634.455,     5856.22,     595.371,      0.000!    !END!
1451 ! X =      634.455,     5856.27,     594.283,      0.000!    !END!
1452 ! X =      634.455,     5856.32,     593.387,      0.000!    !END!
1453 ! X =      634.455,     5856.37,     592.689,      0.000!    !END!
1454 ! X =      634.455,     5856.42,     592.100,      0.000!    !END!
1455 ! X =      634.455,     5856.47,     591.322,      0.000!    !END!
1456 ! X =      634.455,     5856.52,     590.508,      0.000!    !END!
1457 ! X =      634.455,     5856.57,     590.498,      0.000!    !END!
1458 ! X =      634.455,     5856.62,     590.602,      0.000!    !END!
1459 ! X =      634.455,     5856.67,     590.432,      0.000!    !END!
1460 ! X =      634.455,     5856.72,     590.396,      0.000!    !END!
1461 ! X =      634.455,     5856.77,     590.778,      0.000!    !END!
1462 ! X =      634.455,     5856.82,     590.815,      0.000!    !END!
1463 ! X =      634.455,     5856.87,     590.276,      0.000!    !END!
1464 ! X =      634.455,     5856.92,     590.526,      0.000!    !END!
1465 ! X =      634.455,     5856.97,     591.604,      0.000!    !END!
1466 ! X =      634.455,     5857.02,     592.406,      0.000!    !END!
1467 ! X =      634.455,     5857.07,     593.025,      0.000!    !END!
1468 ! X =      634.455,     5857.12,     593.500,      0.000!    !END!
1469 ! X =      634.455,     5857.17,     593.963,      0.000!    !END!
1470 ! X =      634.455,     5857.22,     595.989,      0.000!    !END!
1471 ! X =      634.455,     5857.27,     598.039,      0.000!    !END!
1472 ! X =      634.455,     5857.32,     598.599,      0.000!    !END!
1473 ! X =      634.455,     5857.37,     599.016,      0.000!    !END!
1474 ! X =      634.505,     5855.37,     595.685,      0.000!    !END!
1475 ! X =      634.505,     5855.42,     595.174,      0.000!    !END!
1476 ! X =      634.505,     5855.47,     595.722,      0.000!    !END!
1477 ! X =      634.505,     5855.52,     596.243,      0.000!    !END!
1478 ! X =      634.505,     5855.57,     596.738,      0.000!    !END!
1479 ! X =      634.505,     5855.62,     596.730,      0.000!    !END!
1480 ! X =      634.505,     5855.67,     596.114,      0.000!    !END!
1481 ! X =      634.505,     5855.72,     595.791,      0.000!    !END!
1482 ! X =      634.505,     5855.77,     595.612,      0.000!    !END!
1483 ! X =      634.505,     5855.82,     595.297,      0.000!    !END!
1484 ! X =      634.505,     5855.87,     594.851,      0.000!    !END!
1485 ! X =      634.505,     5855.92,     593.088,      0.000!    !END!
1486 ! X =      634.505,     5855.97,     591.279,      0.000!    !END!
1487 ! X =      634.505,     5856.02,     591.608,      0.000!    !END!
1488 ! X =      634.505,     5856.07,     591.910,      0.000!    !END!
1489 ! X =      634.505,     5856.12,     592.186,      0.000!    !END!
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1490 ! X =      634.505,    5856.17,    592.201,      0.000!  !END!
1491 ! X =      634.505,    5856.22,    591.682,      0.000!  !END!
1492 ! X =      634.505,    5856.27,    591.269,      0.000!  !END!
1493 ! X =      634.505,    5856.32,    591.001,      0.000!  !END!
1494 ! X =      634.505,    5856.37,    590.785,      0.000!  !END!
1495 ! X =      634.505,    5856.42,    590.623,      0.000!  !END!
1496 ! X =      634.505,    5856.47,    590.345,      0.000!  !END!
1497 ! X =      634.505,    5856.52,    590.035,      0.000!  !END!
1498 ! X =      634.505,    5856.57,    590.248,      0.000!  !END!
1499 ! X =      634.505,    5856.62,    590.497,      0.000!  !END!
1500 ! X =      634.505,    5856.67,    590.472,      0.000!  !END!
1501 ! X =      634.505,    5856.72,    590.549,      0.000!  !END!
1502 ! X =      634.505,    5856.77,    591.151,      0.000!  !END!
1503 ! X =      634.505,    5856.82,    591.432,      0.000!  !END!
1504 ! X =      634.505,    5856.87,    590.918,      0.000!  !END!
1505 ! X =      634.505,    5856.92,    591.147,      0.000!  !END!
1506 ! X =      634.505,    5856.97,    592.250,      0.000!  !END!
1507 ! X =      634.505,    5857.02,    593.027,      0.000!  !END!
1508 ! X =      634.505,    5857.07,    593.591,      0.000!  !END!
1509 ! X =      634.505,    5857.12,    593.851,      0.000!  !END!
1510 ! X =      634.505,    5857.17,    593.987,      0.000!  !END!
1511 ! X =      634.505,    5857.22,    595.543,      0.000!  !END!
1512 ! X =      634.505,    5857.27,    597.197,      0.000!  !END!
1513 ! X =      634.505,    5857.32,    597.711,      0.000!  !END!
1514 ! X =      634.505,    5857.37,    598.126,      0.000!  !END!
1515 ! X =      634.555,    5855.37,    593.928,      0.000!  !END!
1516 ! X =      634.555,    5855.42,    593.413,      0.000!  !END!
1517 ! X =      634.555,    5855.47,    593.457,      0.000!  !END!
1518 ! X =      634.555,    5855.52,    593.356,      0.000!  !END!
1519 ! X =      634.555,    5855.57,    592.872,      0.000!  !END!
1520 ! X =      634.555,    5855.62,    592.682,      0.000!  !END!
1521 ! X =      634.555,    5855.67,    593.025,      0.000!  !END!
1522 ! X =      634.555,    5855.72,    592.596,      0.000!  !END!
1523 ! X =      634.555,    5855.77,    591.459,      0.000!  !END!
1524 ! X =      634.555,    5855.82,    589.522,      0.000!  !END!
1525 ! X =      634.555,    5855.87,    587.257,      0.000!  !END!
1526 ! X =      634.555,    5855.92,    587.286,      0.000!  !END!
1527 ! X =      634.555,    5855.97,    587.776,      0.000!  !END!
1528 ! X =      634.555,    5856.02,    587.762,      0.000!  !END!
1529 ! X =      634.555,    5856.07,    587.758,      0.000!  !END!
1530 ! X =      634.555,    5856.12,    587.708,      0.000!  !END!
1531 ! X =      634.555,    5856.17,    587.684,      0.000!  !END!
1532 ! X =      634.555,    5856.22,    587.743,      0.000!  !END!
1533 ! X =      634.555,    5856.27,    588.055,      0.000!  !END!
1534 ! X =      634.555,    5856.32,    588.707,      0.000!  !END!
1535 ! X =      634.555,    5856.37,    589.140,      0.000!  !END!
1536 ! X =      634.555,    5856.42,    589.347,      0.000!  !END!
1537 ! X =      634.555,    5856.47,    589.362,      0.000!  !END!
1538 ! X =      634.555,    5856.52,    589.313,      0.000!  !END!
1539 ! X =      634.555,    5856.57,    589.771,      0.000!  !END!
1540 ! X =      634.555,    5856.62,    590.392,      0.000!  !END!
1541 ! X =      634.555,    5856.67,    590.193,      0.000!  !END!
1542 ! X =      634.555,    5856.72,    590.119,      0.000!  !END!
1543 ! X =      634.555,    5856.77,    590.944,      0.000!  !END!
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1544 ! X =      634.555,    5856.82,    591.429,    0.000!  !END!
1545 ! X =      634.555,    5856.87,    591.148,    0.000!  !END!
1546 ! X =      634.555,    5856.92,    591.592,    0.000!  !END!
1547 ! X =      634.555,    5856.97,    592.981,    0.000!  !END!
1548 ! X =      634.555,    5857.02,    593.902,    0.000!  !END!
1549 ! X =      634.555,    5857.07,    594.466,    0.000!  !END!
1550 ! X =      634.555,    5857.12,    594.641,    0.000!  !END!
1551 ! X =      634.555,    5857.17,    594.666,    0.000!  !END!
1552 ! X =      634.555,    5857.22,    596.092,    0.000!  !END!
1553 ! X =      634.555,    5857.27,    597.717,    0.000!  !END!
1554 ! X =      634.555,    5857.32,    597.882,    0.000!  !END!
1555 ! X =      634.555,    5857.37,    598.065,    0.000!  !END!
1556 ! X =      634.605,    5855.37,    591.498,    0.000!  !END!
1557 ! X =      634.605,    5855.42,    590.868,    0.000!  !END!
1558 ! X =      634.605,    5855.47,    590.021,    0.000!  !END!
1559 ! X =      634.605,    5855.52,    589.273,    0.000!  !END!
1560 ! X =      634.605,    5855.57,    589.025,    0.000!  !END!
1561 ! X =      634.605,    5855.62,    588.729,    0.000!  !END!
1562 ! X =      634.605,    5855.67,    588.283,    0.000!  !END!
1563 ! X =      634.605,    5855.72,    587.411,    0.000!  !END!
1564 ! X =      634.605,    5855.77,    586.184,    0.000!  !END!
1565 ! X =      634.605,    5855.82,    584.877,    0.000!  !END!
1566 ! X =      634.605,    5855.87,    583.573,    0.000!  !END!
1567 ! X =      634.605,    5855.92,    584.098,    0.000!  !END!
1568 ! X =      634.605,    5855.97,    585.068,    0.000!  !END!
1569 ! X =      634.605,    5856.02,    585.549,    0.000!  !END!
1570 ! X =      634.605,    5856.07,    585.978,    0.000!  !END!
1571 ! X =      634.605,    5856.12,    585.928,    0.000!  !END!
1572 ! X =      634.605,    5856.17,    586.003,    0.000!  !END!
1573 ! X =      634.605,    5856.22,    586.443,    0.000!  !END!
1574 ! X =      634.605,    5856.27,    587.090,    0.000!  !END!
1575 ! X =      634.605,    5856.32,    588.094,    0.000!  !END!
1576 ! X =      634.605,    5856.37,    588.279,    0.000!  !END!
1577 ! X =      634.605,    5856.42,    587.772,    0.000!  !END!
1578 ! X =      634.605,    5856.47,    587.658,    0.000!  !END!
1579 ! X =      634.605,    5856.52,    587.744,    0.000!  !END!
1580 ! X =      634.605,    5856.57,    588.960,    0.000!  !END!
1581 ! X =      634.605,    5856.62,    590.389,    0.000!  !END!
1582 ! X =      634.605,    5856.67,    590.183,    0.000!  !END!
1583 ! X =      634.605,    5856.72,    590.062,    0.000!  !END!
1584 ! X =      634.605,    5856.77,    590.601,    0.000!  !END!
1585 ! X =      634.605,    5856.82,    591.053,    0.000!  !END!
1586 ! X =      634.605,    5856.87,    591.277,    0.000!  !END!
1587 ! X =      634.605,    5856.92,    592.086,    0.000!  !END!
1588 ! X =      634.605,    5856.97,    593.728,    0.000!  !END!
1589 ! X =      634.605,    5857.02,    594.635,    0.000!  !END!
1590 ! X =      634.605,    5857.07,    594.919,    0.000!  !END!
1591 ! X =      634.605,    5857.12,    595.596,    0.000!  !END!
1592 ! X =      634.605,    5857.17,    596.523,    0.000!  !END!
1593 ! X =      634.605,    5857.22,    597.574,    0.000!  !END!
1594 ! X =      634.605,    5857.27,    598.590,    0.000!  !END!
1595 ! X =      634.605,    5857.32,    598.630,    0.000!  !END!
1596 ! X =      634.605,    5857.37,    598.770,    0.000!  !END!
1597 ! X =      634.655,    5855.37,    588.570,    0.000!  !END!
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1598 ! X =      634.655,     5855.42,     587.619,        0.000!   !END!
1599 ! X =      634.655,     5855.47,     586.442,        0.000!   !END!
1600 ! X =      634.655,     5855.52,     585.484,        0.000!   !END!
1601 ! X =      634.655,     5855.57,     585.385,        0.000!   !END!
1602 ! X =      634.655,     5855.62,     584.844,        0.000!   !END!
1603 ! X =      634.655,     5855.67,     583.438,        0.000!   !END!
1604 ! X =      634.655,     5855.72,     582.487,        0.000!   !END!
1605 ! X =      634.655,     5855.77,     582.085,        0.000!   !END!
1606 ! X =      634.655,     5855.82,     582.004,        0.000!   !END!
1607 ! X =      634.655,     5855.87,     582.150,        0.000!   !END!
1608 ! X =      634.655,     5855.92,     582.668,        0.000!   !END!
1609 ! X =      634.655,     5855.97,     583.252,        0.000!   !END!
1610 ! X =      634.655,     5856.02,     583.747,        0.000!   !END!
1611 ! X =      634.655,     5856.07,     584.197,        0.000!   !END!
1612 ! X =      634.655,     5856.12,     584.148,        0.000!   !END!
1613 ! X =      634.655,     5856.17,     584.104,        0.000!   !END!
1614 ! X =      634.655,     5856.22,     584.065,        0.000!   !END!
1615 ! X =      634.655,     5856.27,     584.390,        0.000!   !END!
1616 ! X =      634.655,     5856.32,     585.407,        0.000!   !END!
1617 ! X =      634.655,     5856.37,     585.877,        0.000!   !END!
1618 ! X =      634.655,     5856.42,     585.897,        0.000!   !END!
1619 ! X =      634.655,     5856.47,     586.287,        0.000!   !END!
1620 ! X =      634.655,     5856.52,     586.877,        0.000!   !END!
1621 ! X =      634.655,     5856.57,     587.731,        0.000!   !END!
1622 ! X =      634.655,     5856.62,     588.601,        0.000!   !END!
1623 ! X =      634.655,     5856.67,     589.211,        0.000!   !END!
1624 ! X =      634.655,     5856.72,     589.834,        0.000!   !END!
1625 ! X =      634.655,     5856.77,     590.483,        0.000!   !END!
1626 ! X =      634.655,     5856.82,     591.125,        0.000!   !END!
1627 ! X =      634.655,     5856.87,     591.664,        0.000!   !END!
1628 ! X =      634.655,     5856.92,     592.609,        0.000!   !END!
1629 ! X =      634.655,     5856.97,     594.226,        0.000!   !END!
1630 ! X =      634.655,     5857.02,     595.209,        0.000!   !END!
1631 ! X =      634.655,     5857.07,     595.651,        0.000!   !END!
1632 ! X =      634.655,     5857.12,     596.618,        0.000!   !END!
1633 ! X =      634.655,     5857.17,     597.785,        0.000!   !END!
1634 ! X =      634.655,     5857.22,     598.643,        0.000!   !END!
1635 ! X =      634.655,     5857.27,     599.460,        0.000!   !END!
1636 ! X =      634.655,     5857.32,     599.789,        0.000!   !END!
1637 ! X =      634.655,     5857.37,     600.229,        0.000!   !END!
1638 ! X =      634.705,     5855.37,     585.478,        0.000!   !END!
1639 ! X =      634.705,     5855.42,     584.566,        0.000!   !END!
1640 ! X =      634.705,     5855.47,     583.681,        0.000!   !END!
1641 ! X =      634.705,     5855.52,     582.913,        0.000!   !END!
1642 ! X =      634.705,     5855.57,     582.568,        0.000!   !END!
1643 ! X =      634.705,     5855.62,     581.874,        0.000!   !END!
1644 ! X =      634.705,     5855.67,     580.507,        0.000!   !END!
1645 ! X =      634.705,     5855.72,     579.919,        0.000!   !END!
1646 ! X =      634.705,     5855.77,     580.222,        0.000!   !END!
1647 ! X =      634.705,     5855.82,     580.442,        0.000!   !END!
1648 ! X =      634.705,     5855.87,     580.574,        0.000!   !END!
1649 ! X =      634.705,     5855.92,     580.681,        0.000!   !END!
1650 ! X =      634.705,     5855.97,     580.760,        0.000!   !END!
1651 ! X =      634.705,     5856.02,     581.185,        0.000!   !END!
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1652 ! X =      634.705,    5856.07,    581.625,      0.000!   !END!
1653 ! X =      634.705,    5856.12,    581.551,      0.000!   !END!
1654 ! X =      634.705,    5856.17,    581.649,      0.000!   !END!
1655 ! X =      634.705,    5856.22,    582.513,      0.000!   !END!
1656 ! X =      634.705,    5856.27,    583.149,      0.000!   !END!
1657 ! X =      634.705,    5856.32,    583.206,      0.000!   !END!
1658 ! X =      634.705,    5856.37,    583.665,      0.000!   !END!
1659 ! X =      634.705,    5856.42,    584.644,      0.000!   !END!
1660 ! X =      634.705,    5856.47,    585.680,      0.000!   !END!
1661 ! X =      634.705,    5856.52,    586.751,      0.000!   !END!
1662 ! X =      634.705,    5856.57,    587.000,      0.000!   !END!
1663 ! X =      634.705,    5856.62,    587.000,      0.000!   !END!
1664 ! X =      634.705,    5856.67,    587.985,      0.000!   !END!
1665 ! X =      634.705,    5856.72,    589.063,      0.000!   !END!
1666 ! X =      634.705,    5856.77,    590.142,      0.000!   !END!
1667 ! X =      634.705,    5856.82,    591.146,      0.000!   !END!
1668 ! X =      634.705,    5856.87,    591.893,      0.000!   !END!
1669 ! X =      634.705,    5856.92,    592.989,      0.000!   !END!
1670 ! X =      634.705,    5856.97,    594.656,      0.000!   !END!
1671 ! X =      634.705,    5857.02,    596.057,      0.000!   !END!
1672 ! X =      634.705,    5857.07,    597.184,      0.000!   !END!
1673 ! X =      634.705,    5857.12,    598.075,      0.000!   !END!
1674 ! X =      634.705,    5857.17,    598.854,      0.000!   !END!
1675 ! X =      634.705,    5857.22,    599.624,      0.000!   !END!
1676 ! X =      634.705,    5857.27,    600.339,      0.000!   !END!
1677 ! X =      634.705,    5857.32,    600.911,      0.000!   !END!
1678 ! X =      634.705,    5857.37,    601.554,      0.000!   !END!
1679 ! X =      634.755,    5855.37,    582.688,      0.000!   !END!
1680 ! X =      634.755,    5855.42,    582.278,      0.000!   !END!
1681 ! X =      634.755,    5855.47,    581.275,      0.000!   !END!
1682 ! X =      634.755,    5855.52,    580.316,      0.000!   !END!
1683 ! X =      634.755,    5855.57,    579.914,      0.000!   !END!
1684 ! X =      634.755,    5855.62,    579.453,      0.000!   !END!
1685 ! X =      634.755,    5855.67,    578.830,      0.000!   !END!
1686 ! X =      634.755,    5855.72,    578.608,      0.000!   !END!
1687 ! X =      634.755,    5855.77,    578.829,      0.000!   !END!
1688 ! X =      634.755,    5855.82,    578.884,      0.000!   !END!
1689 ! X =      634.755,    5855.87,    578.835,      0.000!   !END!
1690 ! X =      634.755,    5855.92,    578.785,      0.000!   !END!
1691 ! X =      634.755,    5855.97,    578.736,      0.000!   !END!
1692 ! X =      634.755,    5856.02,    579.465,      0.000!   !END!
1693 ! X =      634.755,    5856.07,    580.318,      0.000!   !END!
1694 ! X =      634.755,    5856.12,    580.294,      0.000!   !END!
1695 ! X =      634.755,    5856.17,    580.379,      0.000!   !END!
1696 ! X =      634.755,    5856.22,    581.023,      0.000!   !END!
1697 ! X =      634.755,    5856.27,    581.567,      0.000!   !END!
1698 ! X =      634.755,    5856.32,    581.956,      0.000!   !END!
1699 ! X =      634.755,    5856.37,    582.858,      0.000!   !END!
1700 ! X =      634.755,    5856.42,    584.379,      0.000!   !END!
1701 ! X =      634.755,    5856.47,    585.643,      0.000!   !END!
1702 ! X =      634.755,    5856.52,    586.721,      0.000!   !END!
1703 ! X =      634.755,    5856.57,    587.000,      0.000!   !END!
1704 ! X =      634.755,    5856.62,    587.000,      0.000!   !END!
1705 ! X =      634.755,    5856.67,    587.955,      0.000!   !END!
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1706 ! X =      634.755,    5856.72,    589.041,        0.000!   !END!
1707 ! X =      634.755,    5856.77,    590.169,        0.000!   !END!
1708 ! X =      634.755,    5856.82,    591.391,        0.000!   !END!
1709 ! X =      634.755,    5856.87,    593.058,        0.000!   !END!
1710 ! X =      634.755,    5856.92,    594.725,        0.000!   !END!
1711 ! X =      634.755,    5856.97,    596.392,        0.000!   !END!
1712 ! X =      634.755,    5857.02,    597.807,        0.000!   !END!
1713 ! X =      634.755,    5857.07,    598.935,        0.000!   !END!
1714 ! X =      634.755,    5857.12,    600.063,        0.000!   !END!
1715 ! X =      634.755,    5857.17,    601.190,        0.000!   !END!
1716 ! X =      634.755,    5857.22,    601.504,        0.000!   !END!
1717 ! X =      634.755,    5857.27,    601.553,        0.000!   !END!
1718 ! X =      634.755,    5857.32,    602.088,        0.000!   !END!
1719 ! X =      634.755,    5857.37,    602.734,        0.000!   !END!
1720 ! X =      634.805,    5855.37,    580.325,        0.000!   !END!
1721 ! X =      634.805,    5855.42,    580.251,        0.000!   !END!
1722 ! X =      634.805,    5855.47,    579.033,        0.000!   !END!
1723 ! X =      634.805,    5855.52,    578.000,        0.000!   !END!
1724 ! X =      634.805,    5855.57,    578.000,        0.000!   !END!
1725 ! X =      634.805,    5855.62,    578.000,        0.000!   !END!
1726 ! X =      634.805,    5855.67,    578.000,        0.000!   !END!
1727 ! X =      634.805,    5855.72,    578.000,        0.000!   !END!
1728 ! X =      634.805,    5855.77,    578.000,        0.000!   !END!
1729 ! X =      634.805,    5855.82,    578.000,        0.000!   !END!
1730 ! X =      634.805,    5855.87,    578.000,        0.000!   !END!
1731 ! X =      634.805,    5855.92,    578.000,        0.000!   !END!
1732 ! X =      634.805,    5855.97,    578.000,        0.000!   !END!
1733 ! X =      634.805,    5856.02,    578.412,        0.000!   !END!
1734 ! X =      634.805,    5856.07,    578.851,        0.000!   !END!
1735 ! X =      634.805,    5856.12,    579.443,        0.000!   !END!
1736 ! X =      634.805,    5856.17,    580.027,        0.000!   !END!
1737 ! X =      634.805,    5856.22,    580.216,        0.000!   !END!
1738 ! X =      634.805,    5856.27,    580.580,        0.000!   !END!
1739 ! X =      634.805,    5856.32,    581.473,        0.000!   !END!
1740 ! X =      634.805,    5856.37,    582.685,        0.000!   !END!
1741 ! X =      634.805,    5856.42,    584.302,        0.000!   !END!
1742 ! X =      634.805,    5856.47,    585.377,        0.000!   !END!
1743 ! X =      634.805,    5856.52,    586.019,        0.000!   !END!
1744 ! X =      634.805,    5856.57,    586.811,        0.000!   !END!
1745 ! X =      634.805,    5856.62,    587.716,        0.000!   !END!
1746 ! X =      634.805,    5856.67,    589.197,        0.000!   !END!
1747 ! X =      634.805,    5856.72,    590.792,        0.000!   !END!
1748 ! X =      634.805,    5856.77,    591.920,        0.000!   !END!
1749 ! X =      634.805,    5856.82,    593.127,        0.000!   !END!
1750 ! X =      634.805,    5856.87,    594.794,        0.000!   !END!
1751 ! X =      634.805,    5856.92,    596.461,        0.000!   !END!
1752 ! X =      634.805,    5856.97,    598.120,        0.000!   !END!
1753 ! X =      634.805,    5857.02,    599.515,        0.000!   !END!
1754 ! X =      634.805,    5857.07,    600.618,        0.000!   !END!
1755 ! X =      634.805,    5857.12,    601.721,        0.000!   !END!
1756 ! X =      634.805,    5857.17,    602.824,        0.000!   !END!
1757 ! X =      634.805,    5857.22,    603.198,        0.000!   !END!
1758 ! X =      634.805,    5857.27,    603.322,        0.000!   !END!
1759 ! X =      634.805,    5857.32,    603.944,        0.000!   !END!
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1760 ! X =      634.805,    5857.37,     604.687,        0.000!    !END!
1761 ! X =      634.855,    5855.37,     578.000,        0.000!    !END!
1762 ! X =      634.855,    5855.42,     578.000,        0.000!    !END!
1763 ! X =      634.855,    5855.47,     578.000,        0.000!    !END!
1764 ! X =      634.855,    5855.52,     578.000,        0.000!    !END!
1765 ! X =      634.855,    5855.57,     578.000,        0.000!    !END!
1766 ! X =      634.855,    5855.62,     578.000,        0.000!    !END!
1767 ! X =      634.855,    5855.67,     578.000,        0.000!    !END!
1768 ! X =      634.855,    5855.72,     578.000,        0.000!    !END!
1769 ! X =      634.855,    5855.77,     578.000,        0.000!    !END!
1770 ! X =      634.855,    5855.82,     578.000,        0.000!    !END!
1771 ! X =      634.855,    5855.87,     578.000,        0.000!    !END!
1772 ! X =      634.855,    5855.92,     578.000,        0.000!    !END!
1773 ! X =      634.855,    5855.97,     578.000,        0.000!    !END!
1774 ! X =      634.855,    5856.02,     578.000,        0.000!    !END!
1775 ! X =      634.855,    5856.07,     578.000,        0.000!    !END!
1776 ! X =      634.855,    5856.12,     578.784,        0.000!    !END!
1777 ! X =      634.855,    5856.17,     579.518,        0.000!    !END!
1778 ! X =      634.855,    5856.22,     579.783,        0.000!    !END!
1779 ! X =      634.855,    5856.27,     580.271,        0.000!    !END!
1780 ! X =      634.855,    5856.32,     581.349,        0.000!    !END!
1781 ! X =      634.855,    5856.37,     582.510,        0.000!    !END!
1782 ! X =      634.855,    5856.42,     583.779,        0.000!    !END!
1783 ! X =      634.855,    5856.47,     584.631,        0.000!    !END!
1784 ! X =      634.855,    5856.52,     585.145,        0.000!    !END!
1785 ! X =      634.855,    5856.57,     586.029,        0.000!    !END!
1786 ! X =      634.855,    5856.62,     587.082,        0.000!    !END!
1787 ! X =      634.855,    5856.67,     588.923,        0.000!    !END!
1788 ! X =      634.855,    5856.72,     590.950,        0.000!    !END!
1789 ! X =      634.855,    5856.77,     592.902,        0.000!    !END!
1790 ! X =      634.855,    5856.82,     594.917,        0.000!    !END!
1791 ! X =      634.855,    5856.87,     597.048,        0.000!    !END!
1792 ! X =      634.855,    5856.92,     598.827,        0.000!    !END!
1793 ! X =      634.855,    5856.97,     599.532,        0.000!    !END!
1794 ! X =      634.855,    5857.02,     600.375,        0.000!    !END!
1795 ! X =      634.855,    5857.07,     601.478,        0.000!    !END!
1796 ! X =      634.855,    5857.12,     602.581,        0.000!    !END!
1797 ! X =      634.855,    5857.17,     603.675,        0.000!    !END!
1798 ! X =      634.855,    5857.22,     604.389,        0.000!    !END!
1799 ! X =      634.855,    5857.27,     604.969,        0.000!    !END!
1800 ! X =      634.855,    5857.32,     606.068,        0.000!    !END!
1801 ! X =      634.855,    5857.37,     607.309,        0.000!    !END!
1802 ! X =      634.905,    5855.37,     578.000,        0.000!    !END!
1803 ! X =      634.905,    5855.42,     578.000,        0.000!    !END!
1804 ! X =      634.905,    5855.47,     578.000,        0.000!    !END!
1805 ! X =      634.905,    5855.52,     578.000,        0.000!    !END!
1806 ! X =      634.905,    5855.57,     578.000,        0.000!    !END!
1807 ! X =      634.905,    5855.62,     578.000,        0.000!    !END!
1808 ! X =      634.905,    5855.67,     578.000,        0.000!    !END!
1809 ! X =      634.905,    5855.72,     578.000,        0.000!    !END!
1810 ! X =      634.905,    5855.77,     578.000,        0.000!    !END!
1811 ! X =      634.905,    5855.82,     578.000,        0.000!    !END!
1812 ! X =      634.905,    5855.87,     578.000,        0.000!    !END!
1813 ! X =      634.905,    5855.92,     578.000,        0.000!    !END!
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1814 ! X =      634.905,    5855.97,    578.000,    0.000!   !END!
1815 ! X =      634.905,    5856.02,    578.000,    0.000!   !END!
1816 ! X =      634.905,    5856.07,    578.000,    0.000!   !END!
1817 ! X =      634.905,    5856.12,    578.503,    0.000!   !END!
1818 ! X =      634.905,    5856.17,    579.059,    0.000!   !END!
1819 ! X =      634.905,    5856.22,    579.829,    0.000!   !END!
1820 ! X =      634.905,    5856.27,    580.692,    0.000!   !END!
1821 ! X =      634.905,    5856.32,    581.795,    0.000!   !END!
1822 ! X =      634.905,    5856.37,    582.798,    0.000!   !END!
1823 ! X =      634.905,    5856.42,    583.613,    0.000!   !END!
1824 ! X =      634.905,    5856.47,    584.581,    0.000!   !END!
1825 ! X =      634.905,    5856.52,    585.754,    0.000!   !END!
1826 ! X =      634.905,    5856.57,    586.697,    0.000!   !END!
1827 ! X =      634.905,    5856.62,    587.479,    0.000!   !END!
1828 ! X =      634.905,    5856.67,    589.662,    0.000!   !END!
1829 ! X =      634.905,    5856.72,    592.217,    0.000!   !END!
1830 ! X =      634.905,    5856.77,    594.442,    0.000!   !END!
1831 ! X =      634.905,    5856.82,    596.648,    0.000!   !END!
1832 ! X =      634.905,    5856.87,    598.854,    0.000!   !END!
1833 ! X =      634.905,    5856.92,    600.577,    0.000!   !END!
1834 ! X =      634.905,    5856.97,    600.732,    0.000!   !END!
1835 ! X =      634.905,    5857.02,    600.896,    0.000!   !END!
1836 ! X =      634.905,    5857.07,    601.074,    0.000!   !END!
1837 ! X =      634.905,    5857.12,    601.943,    0.000!   !END!
1838 ! X =      634.905,    5857.17,    603.487,    0.000!   !END!
1839 ! X =      634.905,    5857.22,    604.696,    0.000!   !END!
1840 ! X =      634.905,    5857.27,    605.755,    0.000!   !END!
1841 ! X =      634.905,    5857.32,    607.710,    0.000!   !END!
1842 ! X =      634.905,    5857.37,    609.910,    0.000!   !END!
1843 ! X =      634.955,    5855.37,    578.000,    0.000!   !END!
1844 ! X =      634.955,    5855.42,    578.000,    0.000!   !END!
1845 ! X =      634.955,    5855.47,    578.000,    0.000!   !END!
1846 ! X =      634.955,    5855.52,    578.000,    0.000!   !END!
1847 ! X =      634.955,    5855.57,    578.000,    0.000!   !END!
1848 ! X =      634.955,    5855.62,    578.000,    0.000!   !END!
1849 ! X =      634.955,    5855.67,    578.000,    0.000!   !END!
1850 ! X =      634.955,    5855.72,    578.000,    0.000!   !END!
1851 ! X =      634.955,    5855.77,    578.000,    0.000!   !END!
1852 ! X =      634.955,    5855.82,    578.000,    0.000!   !END!
1853 ! X =      634.955,    5855.87,    578.000,    0.000!   !END!
1854 ! X =      634.955,    5855.92,    578.000,    0.000!   !END!
1855 ! X =      634.955,    5855.97,    578.000,    0.000!   !END!
1856 ! X =      634.955,    5856.02,    578.000,    0.000!   !END!
1857 ! X =      634.955,    5856.07,    578.000,    0.000!   !END!
1858 ! X =      634.955,    5856.12,    578.749,    0.000!   !END!
1859 ! X =      634.955,    5856.17,    579.630,    0.000!   !END!
1860 ! X =      634.955,    5856.22,    580.587,    0.000!   !END!
1861 ! X =      634.955,    5856.27,    581.552,    0.000!   !END!
1862 ! X =      634.955,    5856.32,    582.655,    0.000!   !END!
1863 ! X =      634.955,    5856.37,    583.646,    0.000!   !END!
1864 ! X =      634.955,    5856.42,    584.439,    0.000!   !END!
1865 ! X =      634.955,    5856.47,    585.666,    0.000!   !END!
1866 ! X =      634.955,    5856.52,    587.333,    0.000!   !END!
1867 ! X =      634.955,    5856.57,    588.487,    0.000!   !END!
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1868 ! X =      634.955,     5856.62,      589.362,        0.000!   !END!
1869 ! X =      634.955,     5856.67,      591.483,        0.000!   !END!
1870 ! X =      634.955,     5856.72,      593.938,        0.000!   !END!
1871 ! X =      634.955,     5856.77,      595.870,        0.000!   !END!
1872 ! X =      634.955,     5856.82,      597.711,        0.000!   !END!
1873 ! X =      634.955,     5856.87,      599.201,        0.000!   !END!
1874 ! X =      634.955,     5856.92,      600.411,        0.000!   !END!
1875 ! X =      634.955,     5856.97,      600.760,        0.000!   !END!
1876 ! X =      634.955,     5857.02,      600.864,        0.000!   !END!
1877 ! X =      634.955,     5857.07,      600.461,        0.000!   !END!
1878 ! X =      634.955,     5857.12,      601.044,        0.000!   !END!
1879 ! X =      634.955,     5857.17,      602.636,        0.000!   !END!
1880 ! X =      634.955,     5857.22,      604.446,        0.000!   !END!
1881 ! X =      634.955,     5857.27,      606.420,        0.000!   !END!
1882 ! X =      634.955,     5857.32,      608.564,        0.000!   !END!
1883 ! X =      634.955,     5857.37,      610.745,        0.000!   !END!
1884 ! X =      635.005,     5855.37,      578.000,        0.000!   !END!
1885 ! X =      635.005,     5855.42,      578.000,        0.000!   !END!
1886 ! X =      635.005,     5855.47,      578.000,        0.000!   !END!
1887 ! X =      635.005,     5855.52,      578.000,        0.000!   !END!
1888 ! X =      635.005,     5855.57,      578.000,        0.000!   !END!
1889 ! X =      635.005,     5855.62,      578.000,        0.000!   !END!
1890 ! X =      635.005,     5855.67,      578.000,        0.000!   !END!
1891 ! X =      635.005,     5855.72,      578.000,        0.000!   !END!
1892 ! X =      635.005,     5855.77,      578.000,        0.000!   !END!
1893 ! X =      635.005,     5855.82,      578.000,        0.000!   !END!
1894 ! X =      635.005,     5855.87,      578.000,        0.000!   !END!
1895 ! X =      635.005,     5855.92,      578.000,        0.000!   !END!
1896 ! X =      635.005,     5855.97,      578.000,        0.000!   !END!
1897 ! X =      635.005,     5856.02,      578.043,        0.000!   !END!
1898 ! X =      635.005,     5856.07,      578.124,        0.000!   !END!
1899 ! X =      635.005,     5856.12,      579.502,        0.000!   !END!
1900 ! X =      635.005,     5856.17,      581.012,        0.000!   !END!
1901 ! X =      635.005,     5856.22,      581.551,        0.000!   !END!
1902 ! X =      635.005,     5856.27,      582.180,        0.000!   !END!
1903 ! X =      635.005,     5856.32,      583.258,        0.000!   !END!
1904 ! X =      635.005,     5856.37,      584.431,        0.000!   !END!
1905 ! X =      635.005,     5856.42,      585.848,        0.000!   !END!
1906 ! X =      635.005,     5856.47,      587.320,        0.000!   !END!
1907 ! X =      635.005,     5856.52,      588.789,        0.000!   !END!
1908 ! X =      635.005,     5856.57,      590.153,        0.000!   !END!
1909 ! X =      635.005,     5856.62,      591.483,        0.000!   !END!
1910 ! X =      635.005,     5856.67,      593.298,        0.000!   !END!
1911 ! X =      635.005,     5856.72,      595.248,        0.000!   !END!
1912 ! X =      635.005,     5856.77,      596.922,        0.000!   !END!
1913 ! X =      635.005,     5856.82,      598.525,        0.000!   !END!
1914 ! X =      635.005,     5856.87,      599.055,        0.000!   !END!
1915 ! X =      635.005,     5856.92,      599.597,        0.000!   !END!
1916 ! X =      635.005,     5856.97,      600.426,        0.000!   !END!
1917 ! X =      635.005,     5857.02,      600.824,        0.000!   !END!
1918 ! X =      635.005,     5857.07,      600.285,        0.000!   !END!
1919 ! X =      635.005,     5857.12,      600.928,        0.000!   !END!
1920 ! X =      635.005,     5857.17,      602.918,        0.000!   !END!
1921 ! X =      635.005,     5857.22,      604.565,        0.000!   !END!
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1922 ! X =      635.005,    5857.27,    605.944,      0.000!  !END!
1923 ! X =      635.005,    5857.32,    607.888,      0.000!  !END!
1924 ! X =      635.005,    5857.37,    610.019,      0.000!  !END!
1925 ! X =      635.055,    5855.37,    578.000,      0.000!  !END!
1926 ! X =      635.055,    5855.42,    578.000,      0.000!  !END!
1927 ! X =      635.055,    5855.47,    578.000,      0.000!  !END!
1928 ! X =      635.055,    5855.52,    578.000,      0.000!  !END!
1929 ! X =      635.055,    5855.57,    578.000,      0.000!  !END!
1930 ! X =      635.055,    5855.62,    578.000,      0.000!  !END!
1931 ! X =      635.055,    5855.67,    578.000,      0.000!  !END!
1932 ! X =      635.055,    5855.72,    578.000,      0.000!  !END!
1933 ! X =      635.055,    5855.77,    578.000,      0.000!  !END!
1934 ! X =      635.055,    5855.82,    578.000,      0.000!  !END!
1935 ! X =      635.055,    5855.87,    578.000,      0.000!  !END!
1936 ! X =      635.055,    5855.92,    578.000,      0.000!  !END!
1937 ! X =      635.055,    5855.97,    578.000,      0.000!  !END!
1938 ! X =      635.055,    5856.02,    578.379,      0.000!  !END!
1939 ! X =      635.055,    5856.07,    578.943,      0.000!  !END!
1940 ! X =      635.055,    5856.12,    579.920,      0.000!  !END!
1941 ! X =      635.055,    5856.17,    580.922,      0.000!  !END!
1942 ! X =      635.055,    5856.22,    581.491,      0.000!  !END!
1943 ! X =      635.055,    5856.27,    582.141,      0.000!  !END!
1944 ! X =      635.055,    5856.32,    583.138,      0.000!  !END!
1945 ! X =      635.055,    5856.37,    584.441,      0.000!  !END!
1946 ! X =      635.055,    5856.42,    586.573,      0.000!  !END!
1947 ! X =      635.055,    5856.47,    588.344,      0.000!  !END!
1948 ! X =      635.055,    5856.52,    589.674,      0.000!  !END!
1949 ! X =      635.055,    5856.57,    591.199,      0.000!  !END!
1950 ! X =      635.055,    5856.62,    592.841,      0.000!  !END!
1951 ! X =      635.055,    5856.67,    594.483,      0.000!  !END!
1952 ! X =      635.055,    5856.72,    596.125,      0.000!  !END!
1953 ! X =      635.055,    5856.77,    597.595,      0.000!  !END!
1954 ! X =      635.055,    5856.82,    598.996,      0.000!  !END!
1955 ! X =      635.055,    5856.87,    598.543,      0.000!  !END!
1956 ! X =      635.055,    5856.92,    598.276,      0.000!  !END!
1957 ! X =      635.055,    5856.97,    599.304,      0.000!  !END!
1958 ! X =      635.055,    5857.02,    600.089,      0.000!  !END!
1959 ! X =      635.055,    5857.07,    600.352,      0.000!  !END!
1960 ! X =      635.055,    5857.12,    601.240,      0.000!  !END!
1961 ! X =      635.055,    5857.17,    602.796,      0.000!  !END!
1962 ! X =      635.055,    5857.22,    604.228,      0.000!  !END!
1963 ! X =      635.055,    5857.27,    605.623,      0.000!  !END!
1964 ! X =      635.055,    5857.32,    607.326,      0.000!  !END!
1965 ! X =      635.055,    5857.37,    609.112,      0.000!  !END!
1966 ! X =      633.055,    5857.47,    566.000,      0.000!  !END!
1967 ! X =      633.055,    5857.57,    566.000,      0.000!  !END!
1968 ! X =      633.055,    5857.67,    566.000,      0.000!  !END!
1969 ! X =      633.055,    5857.77,    566.000,      0.000!  !END!
1970 ! X =      633.055,    5857.87,    566.274,      0.000!  !END!
1971 ! X =      633.155,    5857.47,    566.512,      0.000!  !END!
1972 ! X =      633.155,    5857.57,    567.544,      0.000!  !END!
1973 ! X =      633.155,    5857.67,    568.681,      0.000!  !END!
1974 ! X =      633.155,    5857.77,    568.349,      0.000!  !END!
1975 ! X =      633.155,    5857.87,    570.937,      0.000!  !END!
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1976 ! X =      633.255,    5857.47,    575.240,    0.000!   !END!
1977 ! X =      633.255,    5857.57,    578.164,    0.000!   !END!
1978 ! X =      633.255,    5857.67,    578.396,    0.000!   !END!
1979 ! X =      633.255,    5857.77,    578.183,    0.000!   !END!
1980 ! X =      633.255,    5857.87,    578.295,    0.000!   !END!
1981 ! X =      633.355,    5857.47,    590.502,    0.000!   !END!
1982 ! X =      633.355,    5857.57,    595.718,    0.000!   !END!
1983 ! X =      633.355,    5857.67,    596.065,    0.000!   !END!
1984 ! X =      633.355,    5857.77,    593.507,    0.000!   !END!
1985 ! X =      633.355,    5857.87,    590.921,    0.000!   !END!
1986 ! X =      633.455,    5857.47,    607.161,    0.000!   !END!
1987 ! X =      633.455,    5857.57,    611.954,    0.000!   !END!
1988 ! X =      633.455,    5857.67,    612.583,    0.000!   !END!
1989 ! X =      633.455,    5857.77,    610.344,    0.000!   !END!
1990 ! X =      633.455,    5857.87,    606.914,    0.000!   !END!
1991 ! X =      633.555,    5857.47,    614.701,    0.000!   !END!
1992 ! X =      633.555,    5857.57,    620.133,    0.000!   !END!
1993 ! X =      633.555,    5857.67,    621.785,    0.000!   !END!
1994 ! X =      633.555,    5857.77,    622.519,    0.000!   !END!
1995 ! X =      633.555,    5857.87,    619.870,    0.000!   !END!
1996 ! X =      633.655,    5857.47,    616.589,    0.000!   !END!
1997 ! X =      633.655,    5857.57,    621.019,    0.000!   !END!
1998 ! X =      633.655,    5857.67,    623.695,    0.000!   !END!
1999 ! X =      633.655,    5857.77,    626.265,    0.000!   !END!
2000 ! X =      633.655,    5857.87,    625.483,    0.000!   !END!
2001 ! X =      633.755,    5857.47,    616.410,    0.000!   !END!
2002 ! X =      633.755,    5857.57,    620.960,    0.000!   !END!
2003 ! X =      633.755,    5857.67,    622.187,    0.000!   !END!
2004 ! X =      633.755,    5857.77,    623.738,    0.000!   !END!
2005 ! X =      633.755,    5857.87,    624.303,    0.000!   !END!
2006 ! X =      633.855,    5857.47,    616.358,    0.000!   !END!
2007 ! X =      633.855,    5857.57,    619.324,    0.000!   !END!
2008 ! X =      633.855,    5857.67,    620.343,    0.000!   !END!
2009 ! X =      633.855,    5857.77,    620.810,    0.000!   !END!
2010 ! X =      633.855,    5857.87,    621.594,    0.000!   !END!
2011 ! X =      633.955,    5857.47,    613.853,    0.000!   !END!
2012 ! X =      633.955,    5857.57,    615.644,    0.000!   !END!
2013 ! X =      633.955,    5857.67,    616.428,    0.000!   !END!
2014 ! X =      633.955,    5857.77,    616.593,    0.000!   !END!
2015 ! X =      633.955,    5857.87,    616.235,    0.000!   !END!
2016 ! X =      634.055,    5857.47,    609.895,    0.000!   !END!
2017 ! X =      634.055,    5857.57,    611.871,    0.000!   !END!
2018 ! X =      634.055,    5857.67,    612.510,    0.000!   !END!
2019 ! X =      634.055,    5857.77,    611.338,    0.000!   !END!
2020 ! X =      634.055,    5857.87,    610.786,    0.000!   !END!
2021 ! X =      634.155,    5857.47,    605.210,    0.000!   !END!
2022 ! X =      634.155,    5857.57,    606.234,    0.000!   !END!
2023 ! X =      634.155,    5857.67,    606.842,    0.000!   !END!
2024 ! X =      634.155,    5857.77,    606.128,    0.000!   !END!
2025 ! X =      634.155,    5857.87,    605.447,    0.000!   !END!
2026 ! X =      634.255,    5857.47,    602.528,    0.000!   !END!
2027 ! X =      634.255,    5857.57,    602.307,    0.000!   !END!
2028 ! X =      634.255,    5857.67,    602.501,    0.000!   !END!
2029 ! X =      634.255,    5857.77,    602.592,    0.000!   !END!
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2030 ! X =      634.255,     5857.87,     602.040,        0.000!   !END!
2031 ! X =      634.355,     5857.47,     600.748,        0.000!   !END!
2032 ! X =      634.355,     5857.57,     600.999,        0.000!   !END!
2033 ! X =      634.355,     5857.67,     601.270,        0.000!   !END!
2034 ! X =      634.355,     5857.77,     600.599,        0.000!   !END!
2035 ! X =      634.355,     5857.87,     601.619,        0.000!   !END!
2036 ! X =      634.455,     5857.47,     599.159,        0.000!   !END!
2037 ! X =      634.455,     5857.57,     600.188,        0.000!   !END!
2038 ! X =      634.455,     5857.67,     600.611,        0.000!   !END!
2039 ! X =      634.455,     5857.77,     600.764,        0.000!   !END!
2040 ! X =      634.455,     5857.87,     602.703,        0.000!   !END!
2041 ! X =      634.555,     5857.47,     598.977,        0.000!   !END!
2042 ! X =      634.555,     5857.57,     600.312,        0.000!   !END!
2043 ! X =      634.555,     5857.67,     602.145,        0.000!   !END!
2044 ! X =      634.555,     5857.77,     604.498,        0.000!   !END!
2045 ! X =      634.555,     5857.87,     607.998,        0.000!   !END!
2046 ! X =      634.655,     5857.47,     603.104,        0.000!   !END!
2047 ! X =      634.655,     5857.57,     605.846,        0.000!   !END!
2048 ! X =      634.655,     5857.67,     608.660,        0.000!   !END!
2049 ! X =      634.655,     5857.77,     611.237,        0.000!   !END!
2050 ! X =      634.655,     5857.87,     614.600,        0.000!   !END!
2051 ! X =      634.755,     5857.47,     606.537,        0.000!   !END!
2052 ! X =      634.755,     5857.57,     610.818,        0.000!   !END!
2053 ! X =      634.755,     5857.67,     614.337,        0.000!   !END!
2054 ! X =      634.755,     5857.77,     617.209,        0.000!   !END!
2055 ! X =      634.755,     5857.87,     617.513,        0.000!   !END!
2056 ! X =      634.855,     5857.47,     611.748,        0.000!   !END!
2057 ! X =      634.855,     5857.57,     615.864,        0.000!   !END!
2058 ! X =      634.855,     5857.67,     618.740,        0.000!   !END!
2059 ! X =      634.855,     5857.77,     619.117,        0.000!   !END!
2060 ! X =      634.855,     5857.87,     617.478,        0.000!   !END!
2061 ! X =      634.955,     5857.47,     615.104,        0.000!   !END!
2062 ! X =      634.955,     5857.57,     619.217,        0.000!   !END!
2063 ! X =      634.955,     5857.67,     620.949,        0.000!   !END!
2064 ! X =      634.955,     5857.77,     619.658,        0.000!   !END!
2065 ! X =      634.955,     5857.87,     616.115,        0.000!   !END!
2066 ! X =      635.055,     5857.47,     615.738,        0.000!   !END!
2067 ! X =      635.055,     5857.57,     617.274,        0.000!   !END!
2068 ! X =      635.055,     5857.67,     617.210,        0.000!   !END!
2069 ! X =      635.055,     5857.77,     614.872,        0.000!   !END!
2070 ! X =      635.055,     5857.87,     613.166,        0.000!   !END!
2071 ! X =      635.155,     5857.47,     609.442,        0.000!   !END!
2072 ! X =      635.155,     5857.57,     609.619,        0.000!   !END!
2073 ! X =      635.155,     5857.67,     608.090,        0.000!   !END!
2074 ! X =      635.155,     5857.77,     608.330,        0.000!   !END!
2075 ! X =      635.155,     5857.87,     608.495,        0.000!   !END!
2076 ! X =      635.255,     5857.47,     599.088,        0.000!   !END!
2077 ! X =      635.255,     5857.57,     599.761,        0.000!   !END!
2078 ! X =      635.255,     5857.67,     602.484,        0.000!   !END!
2079 ! X =      635.255,     5857.77,     604.176,        0.000!   !END!
2080 ! X =      635.255,     5857.87,     603.436,        0.000!   !END!
2081 ! X =      635.355,     5857.47,     589.925,        0.000!   !END!
2082 ! X =      635.355,     5857.57,     594.890,        0.000!   !END!
2083 ! X =      635.355,     5857.67,     598.506,        0.000!   !END!
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2084 ! X =      635.355,      5857.77,      598.003,      0.000!  !END!
2085 ! X =      635.355,      5857.87,      596.664,      0.000!  !END!
2086 ! X =      635.455,      5857.47,      587.743,      0.000!  !END!
2087 ! X =      635.455,      5857.57,      592.093,      0.000!  !END!
2088 ! X =      635.455,      5857.67,      592.141,      0.000!  !END!
2089 ! X =      635.455,      5857.77,      589.918,      0.000!  !END!
2090 ! X =      635.455,      5857.87,      588.304,      0.000!  !END!
2091 ! X =      635.555,      5857.47,      582.181,      0.000!  !END!
2092 ! X =      635.555,      5857.57,      582.926,      0.000!  !END!
2093 ! X =      635.555,      5857.67,      580.358,      0.000!  !END!
2094 ! X =      635.555,      5857.77,      578.345,      0.000!  !END!
2095 ! X =      635.555,      5857.87,      577.542,      0.000!  !END!
2096 ! X =      635.155,      5857.37,      605.909,      0.000!  !END!
2097 ! X =      635.155,      5857.27,      603.922,      0.000!  !END!
2098 ! X =      635.155,      5857.17,      602.058,      0.000!  !END!
2099 ! X =      635.155,      5857.07,      599.607,      0.000!  !END!
2100 ! X =      635.155,      5856.97,      597.592,      0.000!  !END!
2101 ! X =      635.155,      5856.87,      597.389,      0.000!  !END!
2102 ! X =      635.155,      5856.77,      597.285,      0.000!  !END!
2103 ! X =      635.155,      5856.67,      595.036,      0.000!  !END!
2104 ! X =      635.155,      5856.57,      591.192,      0.000!  !END!
2105 ! X =      635.155,      5856.47,      587.606,      0.000!  !END!
2106 ! X =      635.155,      5856.37,      583.493,      0.000!  !END!
2107 ! X =      635.155,      5856.27,      582.045,      0.000!  !END!
2108 ! X =      635.155,      5856.17,      580.028,      0.000!  !END!
2109 ! X =      635.155,      5856.07,      580.892,      0.000!  !END!
2110 ! X =      635.155,      5855.97,      580.843,      0.000!  !END!
2111 ! X =      635.155,      5855.87,      578.000,      0.000!  !END!
2112 ! X =      635.155,      5855.77,      578.000,      0.000!  !END!
2113 ! X =      635.155,      5855.67,      578.000,      0.000!  !END!
2114 ! X =      635.155,      5855.57,      578.000,      0.000!  !END!
2115 ! X =      635.155,      5855.47,      578.000,      0.000!  !END!
2116 ! X =      635.155,      5855.37,      578.000,      0.000!  !END!
2117 ! X =      635.155,      5855.27,      578.000,      0.000!  !END!
2118 ! X =      635.155,      5855.17,      578.000,      0.000!  !END!
2119 ! X =      635.155,      5855.07,      578.000,      0.000!  !END!
2120 ! X =      635.155,      5854.97,      578.000,      0.000!  !END!
2121 ! X =      635.155,      5854.87,      578.000,      0.000!  !END!
2122 ! X =      635.255,      5857.37,      600.379,      0.000!  !END!
2123 ! X =      635.255,      5857.27,      600.218,      0.000!  !END!
2124 ! X =      635.255,      5857.17,      599.024,      0.000!  !END!
2125 ! X =      635.255,      5857.07,      597.257,      0.000!  !END!
2126 ! X =      635.255,      5856.97,      596.017,      0.000!  !END!
2127 ! X =      635.255,      5856.87,      596.019,      0.000!  !END!
2128 ! X =      635.255,      5856.77,      595.474,      0.000!  !END!
2129 ! X =      635.255,      5856.67,      594.366,      0.000!  !END!
2130 ! X =      635.255,      5856.57,      591.874,      0.000!  !END!
2131 ! X =      635.255,      5856.47,      588.551,      0.000!  !END!
2132 ! X =      635.255,      5856.37,      585.944,      0.000!  !END!
2133 ! X =      635.255,      5856.27,      584.698,      0.000!  !END!
2134 ! X =      635.255,      5856.17,      582.266,      0.000!  !END!
2135 ! X =      635.255,      5856.07,      581.919,      0.000!  !END!
2136 ! X =      635.255,      5855.97,      580.247,      0.000!  !END!
2137 ! X =      635.255,      5855.87,      579.065,      0.000!  !END!
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2138 ! X =      635.255,    5855.77,    578.000,    0.000!  !END!
2139 ! X =      635.255,    5855.67,    578.000,    0.000!  !END!
2140 ! X =      635.255,    5855.57,    578.000,    0.000!  !END!
2141 ! X =      635.255,    5855.47,    578.000,    0.000!  !END!
2142 ! X =      635.255,    5855.37,    578.000,    0.000!  !END!
2143 ! X =      635.255,    5855.27,    578.000,    0.000!  !END!
2144 ! X =      635.255,    5855.17,    578.000,    0.000!  !END!
2145 ! X =      635.255,    5855.07,    578.000,    0.000!  !END!
2146 ! X =      635.255,    5854.97,    578.000,    0.000!  !END!
2147 ! X =      635.255,    5854.87,    578.000,    0.000!  !END!
2148 ! X =      635.355,    5857.37,    590.421,    0.000!  !END!
2149 ! X =      635.355,    5857.27,    593.176,    0.000!  !END!
2150 ! X =      635.355,    5857.17,    593.863,    0.000!  !END!
2151 ! X =      635.355,    5857.07,    595.613,    0.000!  !END!
2152 ! X =      635.355,    5856.97,    595.720,    0.000!  !END!
2153 ! X =      635.355,    5856.87,    594.691,    0.000!  !END!
2154 ! X =      635.355,    5856.77,    593.663,    0.000!  !END!
2155 ! X =      635.355,    5856.67,    592.635,    0.000!  !END!
2156 ! X =      635.355,    5856.57,    590.826,    0.000!  !END!
2157 ! X =      635.355,    5856.47,    588.344,    0.000!  !END!
2158 ! X =      635.355,    5856.37,    586.101,    0.000!  !END!
2159 ! X =      635.355,    5856.27,    585.522,    0.000!  !END!
2160 ! X =      635.355,    5856.17,    584.307,    0.000!  !END!
2161 ! X =      635.355,    5856.07,    581.185,    0.000!  !END!
2162 ! X =      635.355,    5855.97,    578.922,    0.000!  !END!
2163 ! X =      635.355,    5855.87,    578.822,    0.000!  !END!
2164 ! X =      635.355,    5855.77,    578.594,    0.000!  !END!
2165 ! X =      635.355,    5855.67,    578.000,    0.000!  !END!
2166 ! X =      635.355,    5855.57,    578.000,    0.000!  !END!
2167 ! X =      635.355,    5855.47,    578.000,    0.000!  !END!
2168 ! X =      635.355,    5855.37,    578.000,    0.000!  !END!
2169 ! X =      635.355,    5855.27,    578.000,    0.000!  !END!
2170 ! X =      635.355,    5855.17,    578.000,    0.000!  !END!
2171 ! X =      635.355,    5855.07,    578.000,    0.000!  !END!
2172 ! X =      635.355,    5854.97,    578.000,    0.000!  !END!
2173 ! X =      635.355,    5854.87,    578.000,    0.000!  !END!
2174 ! X =      635.455,    5857.37,    584.603,    0.000!  !END!
2175 ! X =      635.455,    5857.27,    586.045,    0.000!  !END!
2176 ! X =      635.455,    5857.17,    587.721,    0.000!  !END!
2177 ! X =      635.455,    5857.07,    588.795,    0.000!  !END!
2178 ! X =      635.455,    5856.97,    590.924,    0.000!  !END!
2179 ! X =      635.455,    5856.87,    592.492,    0.000!  !END!
2180 ! X =      635.455,    5856.77,    592.027,    0.000!  !END!
2181 ! X =      635.455,    5856.67,    591.473,    0.000!  !END!
2182 ! X =      635.455,    5856.57,    589.944,    0.000!  !END!
2183 ! X =      635.455,    5856.47,    586.989,    0.000!  !END!
2184 ! X =      635.455,    5856.37,    584.372,    0.000!  !END!
2185 ! X =      635.455,    5856.27,    583.955,    0.000!  !END!
2186 ! X =      635.455,    5856.17,    582.753,    0.000!  !END!
2187 ! X =      635.455,    5856.07,    580.568,    0.000!  !END!
2188 ! X =      635.455,    5855.97,    578.373,    0.000!  !END!
2189 ! X =      635.455,    5855.87,    577.700,    0.000!  !END!
2190 ! X =      635.455,    5855.77,    578.564,    0.000!  !END!
2191 ! X =      635.455,    5855.67,    578.000,    0.000!  !END!
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2192 ! X =      635.455,    5855.57,    578.000,        0.000!   !END!
2193 ! X =      635.455,    5855.47,    578.000,        0.000!   !END!
2194 ! X =      635.455,    5855.37,    578.000,        0.000!   !END!
2195 ! X =      635.455,    5855.27,    578.000,        0.000!   !END!
2196 ! X =      635.455,    5855.17,    578.000,        0.000!   !END!
2197 ! X =      635.455,    5855.07,    578.000,        0.000!   !END!
2198 ! X =      635.455,    5854.97,    578.000,        0.000!   !END!
2199 ! X =      635.455,    5854.87,    578.000,        0.000!   !END!
2200 ! X =      635.555,    5857.37,    580.282,        0.000!   !END!
2201 ! X =      635.555,    5857.27,    580.573,        0.000!   !END!
2202 ! X =      635.555,    5857.17,    581.109,        0.000!   !END!
2203 ! X =      635.555,    5857.07,    582.140,        0.000!   !END!
2204 ! X =      635.555,    5856.97,    583.917,        0.000!   !END!
2205 ! X =      635.555,    5856.87,    586.743,        0.000!   !END!
2206 ! X =      635.555,    5856.77,    589.109,        0.000!   !END!
2207 ! X =      635.555,    5856.67,    590.316,        0.000!   !END!
2208 ! X =      635.555,    5856.57,    590.104,        0.000!   !END!
2209 ! X =      635.555,    5856.47,    587.356,        0.000!   !END!
2210 ! X =      635.555,    5856.37,    586.003,        0.000!   !END!
2211 ! X =      635.555,    5856.27,    582.847,        0.000!   !END!
2212 ! X =      635.555,    5856.17,    580.894,        0.000!   !END!
2213 ! X =      635.555,    5856.07,    579.809,        0.000!   !END!
2214 ! X =      635.555,    5855.97,    578.565,        0.000!   !END!
2215 ! X =      635.555,    5855.87,    577.893,        0.000!   !END!
2216 ! X =      635.555,    5855.77,    578.827,        0.000!   !END!
2217 ! X =      635.555,    5855.67,    580.119,        0.000!   !END!
2218 ! X =      635.555,    5855.57,    581.190,        0.000!   !END!
2219 ! X =      635.555,    5855.47,    580.800,        0.000!   !END!
2220 ! X =      635.555,    5855.37,    581.080,        0.000!   !END!
2221 ! X =      635.555,    5855.27,    581.959,        0.000!   !END!
2222 ! X =      635.555,    5855.17,    585.641,        0.000!   !END!
2223 ! X =      635.555,    5855.07,    585.515,        0.000!   !END!
2224 ! X =      635.555,    5854.97,    581.974,        0.000!   !END!
2225 ! X =      635.555,    5854.87,    581.339,        0.000!   !END!
2226 ! X =      635.055,    5855.27,    578.000,        0.000!   !END!
2227 ! X =      635.055,    5855.17,    578.000,        0.000!   !END!
2228 ! X =      635.055,    5855.07,    578.000,        0.000!   !END!
2229 ! X =      635.055,    5854.97,    578.000,        0.000!   !END!
2230 ! X =      635.055,    5854.87,    578.000,        0.000!   !END!
2231 ! X =      634.955,    5855.27,    578.000,        0.000!   !END!
2232 ! X =      634.955,    5855.17,    578.000,        0.000!   !END!
2233 ! X =      634.955,    5855.07,    578.000,        0.000!   !END!
2234 ! X =      634.955,    5854.97,    578.000,        0.000!   !END!
2235 ! X =      634.955,    5854.87,    578.000,        0.000!   !END!
2236 ! X =      634.855,    5855.27,    578.604,        0.000!   !END!
2237 ! X =      634.855,    5855.17,    578.984,        0.000!   !END!
2238 ! X =      634.855,    5855.07,    578.239,        0.000!   !END!
2239 ! X =      634.855,    5854.97,    578.010,        0.000!   !END!
2240 ! X =      634.855,    5854.87,    578.000,        0.000!   !END!
2241 ! X =      634.755,    5855.27,    583.320,        0.000!   !END!
2242 ! X =      634.755,    5855.17,    582.835,        0.000!   !END!
2243 ! X =      634.755,    5855.07,    581.084,        0.000!   !END!
2244 ! X =      634.755,    5854.97,    581.344,        0.000!   !END!
2245 ! X =      634.755,    5854.87,    581.651,        0.000!   !END!
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2246 ! X =      634.655,     5855.27,     588.602,      0.000!   !END!
2247 ! X =      634.655,     5855.17,     587.513,      0.000!   !END!
2248 ! X =      634.655,     5855.07,     585.752,      0.000!   !END!
2249 ! X =      634.655,     5854.97,     586.107,      0.000!   !END!
2250 ! X =      634.655,     5854.87,     586.732,      0.000!   !END!
2251 ! X =      634.555,     5855.27,     594.702,      0.000!   !END!
2252 ! X =      634.555,     5855.17,     594.339,      0.000!   !END!
2253 ! X =      634.555,     5855.07,     593.049,      0.000!   !END!
2254 ! X =      634.555,     5854.97,     596.001,      0.000!   !END!
2255 ! X =      634.555,     5854.87,     599.858,      0.000!   !END!
2256 ! X =      634.455,     5855.27,     600.849,      0.000!   !END!
2257 ! X =      634.455,     5855.17,     602.002,      0.000!   !END!
2258 ! X =      634.455,     5855.07,     605.381,      0.000!   !END!
2259 ! X =      634.455,     5854.97,     609.345,      0.000!   !END!
2260 ! X =      634.455,     5854.87,     612.354,      0.000!   !END!
2261 ! X =      634.355,     5855.27,     609.249,      0.000!   !END!
2262 ! X =      634.355,     5855.17,     612.077,      0.000!   !END!
2263 ! X =      634.355,     5855.07,     614.993,      0.000!   !END!
2264 ! X =      634.355,     5854.97,     617.393,      0.000!   !END!
2265 ! X =      634.355,     5854.87,     616.390,      0.000!   !END!
2266 ! X =      634.255,     5855.27,     616.571,      0.000!   !END!
2267 ! X =      634.255,     5855.17,     618.537,      0.000!   !END!
2268 ! X =      634.255,     5855.07,     620.564,      0.000!   !END!
2269 ! X =      634.255,     5854.97,     620.291,      0.000!   !END!
2270 ! X =      634.255,     5854.87,     617.477,      0.000!   !END!
2271 ! X =      634.155,     5855.27,     624.589,      0.000!   !END!
2272 ! X =      634.155,     5855.17,     624.063,      0.000!   !END!
2273 ! X =      634.155,     5855.07,     624.488,      0.000!   !END!
2274 ! X =      634.155,     5854.97,     622.838,      0.000!   !END!
2275 ! X =      634.155,     5854.87,     619.449,      0.000!   !END!
2276 ! X =      634.055,     5855.27,     629.317,      0.000!   !END!
2277 ! X =      634.055,     5855.17,     629.673,      0.000!   !END!
2278 ! X =      634.055,     5855.07,     627.672,      0.000!   !END!
2279 ! X =      634.055,     5854.97,     622.590,      0.000!   !END!
2280 ! X =      634.055,     5854.87,     618.472,      0.000!   !END!
2281 ! X =      633.955,     5855.27,     633.978,      0.000!   !END!
2282 ! X =      633.955,     5855.17,     635.097,      0.000!   !END!
2283 ! X =      633.955,     5855.07,     629.760,      0.000!   !END!
2284 ! X =      633.955,     5854.97,     620.885,      0.000!   !END!
2285 ! X =      633.955,     5854.87,     617.588,      0.000!   !END!
2286 ! X =      633.855,     5855.27,     637.562,      0.000!   !END!
2287 ! X =      633.855,     5855.17,     637.360,      0.000!   !END!
2288 ! X =      633.855,     5855.07,     630.045,      0.000!   !END!
2289 ! X =      633.855,     5854.97,     617.938,      0.000!   !END!
2290 ! X =      633.855,     5854.87,     625.393,      0.000!   !END!
2291 ! X =      633.755,     5855.27,     639.331,      0.000!   !END!
2292 ! X =      633.755,     5855.17,     636.579,      0.000!   !END!
2293 ! X =      633.755,     5855.07,     627.860,      0.000!   !END!
2294 ! X =      633.755,     5854.97,     618.658,      0.000!   !END!
2295 ! X =      633.755,     5854.87,     630.452,      0.000!   !END!
2296 ! X =      633.655,     5855.27,     634.349,      0.000!   !END!
2297 ! X =      633.655,     5855.17,     632.410,      0.000!   !END!
2298 ! X =      633.655,     5855.07,     624.073,      0.000!   !END!
2299 ! X =      633.655,     5854.97,     617.224,      0.000!   !END!
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2300 ! X =      633.655,    5854.87,    634.271,      0.000!   !END!
2301 ! X =      633.555,    5855.27,    628.849,      0.000!   !END!
2302 ! X =      633.555,    5855.17,    627.116,      0.000!   !END!
2303 ! X =      633.555,    5855.07,    621.003,      0.000!   !END!
2304 ! X =      633.555,    5854.97,    618.475,      0.000!   !END!
2305 ! X =      633.555,    5854.87,    637.923,      0.000!   !END!
2306 ! X =      633.455,    5855.27,    627.661,      0.000!   !END!
2307 ! X =      633.455,    5855.17,    626.054,      0.000!   !END!
2308 ! X =      633.455,    5855.07,    622.017,      0.000!   !END!
2309 ! X =      633.455,    5854.97,    619.465,      0.000!   !END!
2310 ! X =      633.455,    5854.87,    635.145,      0.000!   !END!
2311 ! X =      633.355,    5855.27,    630.457,      0.000!   !END!
2312 ! X =      633.355,    5855.17,    627.857,      0.000!   !END!
2313 ! X =      633.355,    5855.07,    623.443,      0.000!   !END!
2314 ! X =      633.355,    5854.97,    619.311,      0.000!   !END!
2315 ! X =      633.355,    5854.87,    632.692,      0.000!   !END!
2316 ! X =      633.255,    5855.27,    634.770,      0.000!   !END!
2317 ! X =      633.255,    5855.17,    630.283,      0.000!   !END!
2318 ! X =      633.255,    5855.07,    620.215,      0.000!   !END!
2319 ! X =      633.255,    5854.97,    613.941,      0.000!   !END!
2320 ! X =      633.255,    5854.87,    624.657,      0.000!   !END!
2321 ! X =      633.155,    5855.27,    638.280,      0.000!   !END!
2322 ! X =      633.155,    5855.17,    630.183,      0.000!   !END!
2323 ! X =      633.155,    5855.07,    614.934,      0.000!   !END!
2324 ! X =      633.155,    5854.97,    609.785,      0.000!   !END!
2325 ! X =      633.155,    5854.87,    615.079,      0.000!   !END!
2326 ! X =      633.055,    5855.27,    640.511,      0.000!   !END!
2327 ! X =      633.055,    5855.17,    633.761,      0.000!   !END!
2328 ! X =      633.055,    5855.07,    617.035,      0.000!   !END!
2329 ! X =      633.055,    5854.97,    610.318,      0.000!   !END!
2330 ! X =      633.055,    5854.87,    610.356,      0.000!   !END!
2331 ! X =      632.955,    5855.27,    645.869,      0.000!   !END!
2332 ! X =      632.955,    5855.17,    639.279,      0.000!   !END!
2333 ! X =      632.955,    5855.07,    626.711,      0.000!   !END!
2334 ! X =      632.955,    5854.97,    615.848,      0.000!   !END!
2335 ! X =      632.955,    5854.87,    608.784,      0.000!   !END!
2336 ! X =      632.855,    5855.27,    646.335,      0.000!   !END!
2337 ! X =      632.855,    5855.17,    631.289,      0.000!   !END!
2338 ! X =      632.855,    5855.07,    625.782,      0.000!   !END!
2339 ! X =      632.855,    5854.97,    618.808,      0.000!   !END!
2340 ! X =      632.855,    5854.87,    609.920,      0.000!   !END!
2341 ! X =      632.755,    5855.27,    646.893,      0.000!   !END!
2342 ! X =      632.755,    5855.17,    625.524,      0.000!   !END!
2343 ! X =      632.755,    5855.07,    617.135,      0.000!   !END!
2344 ! X =      632.755,    5854.97,    614.485,      0.000!   !END!
2345 ! X =      632.755,    5854.87,    610.826,      0.000!   !END!
2346 ! X =      632.655,    5855.27,    648.016,      0.000!   !END!
2347 ! X =      632.655,    5855.17,    627.349,      0.000!   !END!
2348 ! X =      632.655,    5855.07,    610.281,      0.000!   !END!
2349 ! X =      632.655,    5854.97,    607.814,      0.000!   !END!
2350 ! X =      632.655,    5854.87,    609.382,      0.000!   !END!
2351 ! X =      632.555,    5855.27,    644.732,      0.000!   !END!
2352 ! X =      632.555,    5855.17,    624.448,      0.000!   !END!
2353 ! X =      632.555,    5855.07,    607.980,      0.000!   !END!
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2354 ! X =      632.555,     5854.97,     601.292,     0.000!   !END!
2355 ! X =      632.555,     5854.87,     606.429,     0.000!   !END!
2356 ! X =      632.955,     5855.37,     642.711,     0.000!   !END!
2357 ! X =      632.955,     5855.47,     633.702,     0.000!   !END!
2358 ! X =      632.955,     5855.57,     623.687,     0.000!   !END!
2359 ! X =      632.955,     5855.67,     605.337,     0.000!   !END!
2360 ! X =      632.955,     5855.77,     589.666,     0.000!   !END!
2361 ! X =      632.955,     5855.87,     580.293,     0.000!   !END!
2362 ! X =      632.955,     5855.97,     575.184,     0.000!   !END!
2363 ! X =      632.955,     5856.07,     572.891,     0.000!   !END!
2364 ! X =      632.955,     5856.17,     570.891,     0.000!   !END!
2365 ! X =      632.955,     5856.27,     569.111,     0.000!   !END!
2366 ! X =      632.955,     5856.37,     568.002,     0.000!   !END!
2367 ! X =      632.955,     5856.47,     568.689,     0.000!   !END!
2368 ! X =      632.955,     5856.57,     569.929,     0.000!   !END!
2369 ! X =      632.955,     5856.67,     574.144,     0.000!   !END!
2370 ! X =      632.955,     5856.77,     573.979,     0.000!   !END!
2371 ! X =      632.955,     5856.87,     572.360,     0.000!   !END!
2372 ! X =      632.955,     5856.97,     569.238,     0.000!   !END!
2373 ! X =      632.955,     5857.07,     567.179,     0.000!   !END!
2374 ! X =      632.955,     5857.17,     566.000,     0.000!   !END!
2375 ! X =      632.955,     5857.27,     566.000,     0.000!   !END!
2376 ! X =      632.955,     5857.37,     566.000,     0.000!   !END!
2377 ! X =      632.955,     5857.47,     566.000,     0.000!   !END!
2378 ! X =      632.955,     5857.57,     566.000,     0.000!   !END!
2379 ! X =      632.955,     5857.67,     566.000,     0.000!   !END!
2380 ! X =      632.955,     5857.77,     566.000,     0.000!   !END!
2381 ! X =      632.955,     5857.87,     566.000,     0.000!   !END!
2382 ! X =      632.855,     5855.37,     647.570,     0.000!   !END!
2383 ! X =      632.855,     5855.47,     634.083,     0.000!   !END!
2384 ! X =      632.855,     5855.57,     617.882,     0.000!   !END!
2385 ! X =      632.855,     5855.67,     596.875,     0.000!   !END!
2386 ! X =      632.855,     5855.77,     584.329,     0.000!   !END!
2387 ! X =      632.855,     5855.87,     578.148,     0.000!   !END!
2388 ! X =      632.855,     5855.97,     574.103,     0.000!   !END!
2389 ! X =      632.855,     5856.07,     572.425,     0.000!   !END!
2390 ! X =      632.855,     5856.17,     570.693,     0.000!   !END!
2391 ! X =      632.855,     5856.27,     568.572,     0.000!   !END!
2392 ! X =      632.855,     5856.37,     567.190,     0.000!   !END!
2393 ! X =      632.855,     5856.47,     567.045,     0.000!   !END!
2394 ! X =      632.855,     5856.57,     569.901,     0.000!   !END!
2395 ! X =      632.855,     5856.67,     577.046,     0.000!   !END!
2396 ! X =      632.855,     5856.77,     581.137,     0.000!   !END!
2397 ! X =      632.855,     5856.87,     581.019,     0.000!   !END!
2398 ! X =      632.855,     5856.97,     576.986,     0.000!   !END!
2399 ! X =      632.855,     5857.07,     573.077,     0.000!   !END!
2400 ! X =      632.855,     5857.17,     568.811,     0.000!   !END!
2401 ! X =      632.855,     5857.27,     566.831,     0.000!   !END!
2402 ! X =      632.855,     5857.37,     566.510,     0.000!   !END!
2403 ! X =      632.855,     5857.47,     566.153,     0.000!   !END!
2404 ! X =      632.855,     5857.57,     566.000,     0.000!   !END!
2405 ! X =      632.855,     5857.67,     566.000,     0.000!   !END!
2406 ! X =      632.855,     5857.77,     566.000,     0.000!   !END!
2407 ! X =      632.855,     5857.87,     566.000,     0.000!   !END!
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2408 ! X =      632.755,     5855.37,      656.789,      0.000!   !END!
2409 ! X =      632.755,     5855.47,      636.889,      0.000!   !END!
2410 ! X =      632.755,     5855.57,      611.305,      0.000!   !END!
2411 ! X =      632.755,     5855.67,      589.127,      0.000!   !END!
2412 ! X =      632.755,     5855.77,      580.977,      0.000!   !END!
2413 ! X =      632.755,     5855.87,      576.595,      0.000!   !END!
2414 ! X =      632.755,     5855.97,      573.959,      0.000!   !END!
2415 ! X =      632.755,     5856.07,      571.835,      0.000!   !END!
2416 ! X =      632.755,     5856.17,      570.955,      0.000!   !END!
2417 ! X =      632.755,     5856.27,      570.067,      0.000!   !END!
2418 ! X =      632.755,     5856.37,      569.779,      0.000!   !END!
2419 ! X =      632.755,     5856.47,      569.483,      0.000!   !END!
2420 ! X =      632.755,     5856.57,      573.344,      0.000!   !END!
2421 ! X =      632.755,     5856.67,      581.407,      0.000!   !END!
2422 ! X =      632.755,     5856.77,      591.247,      0.000!   !END!
2423 ! X =      632.755,     5856.87,      591.717,      0.000!   !END!
2424 ! X =      632.755,     5856.97,      586.515,      0.000!   !END!
2425 ! X =      632.755,     5857.07,      581.641,      0.000!   !END!
2426 ! X =      632.755,     5857.17,      575.435,      0.000!   !END!
2427 ! X =      632.755,     5857.27,      569.528,      0.000!   !END!
2428 ! X =      632.755,     5857.37,      568.801,      0.000!   !END!
2429 ! X =      632.755,     5857.47,      568.351,      0.000!   !END!
2430 ! X =      632.755,     5857.57,      566.695,      0.000!   !END!
2431 ! X =      632.755,     5857.67,      566.165,      0.000!   !END!
2432 ! X =      632.755,     5857.77,      566.006,      0.000!   !END!
2433 ! X =      632.755,     5857.87,      566.068,      0.000!   !END!
2434 ! X =      632.655,     5855.37,      658.484,      0.000!   !END!
2435 ! X =      632.655,     5855.47,      638.203,      0.000!   !END!
2436 ! X =      632.655,     5855.57,      604.364,      0.000!   !END!
2437 ! X =      632.655,     5855.67,      586.202,      0.000!   !END!
2438 ! X =      632.655,     5855.77,      577.748,      0.000!   !END!
2439 ! X =      632.655,     5855.87,      573.240,      0.000!   !END!
2440 ! X =      632.655,     5855.97,      572.109,      0.000!   !END!
2441 ! X =      632.655,     5856.07,      571.366,      0.000!   !END!
2442 ! X =      632.655,     5856.17,      572.181,      0.000!   !END!
2443 ! X =      632.655,     5856.27,      573.089,      0.000!   !END!
2444 ! X =      632.655,     5856.37,      574.091,      0.000!   !END!
2445 ! X =      632.655,     5856.47,      576.883,      0.000!   !END!
2446 ! X =      632.655,     5856.57,      578.949,      0.000!   !END!
2447 ! X =      632.655,     5856.67,      583.687,      0.000!   !END!
2448 ! X =      632.655,     5856.77,      592.920,      0.000!   !END!
2449 ! X =      632.655,     5856.87,      600.288,      0.000!   !END!
2450 ! X =      632.655,     5856.97,      597.661,      0.000!   !END!
2451 ! X =      632.655,     5857.07,      589.871,      0.000!   !END!
2452 ! X =      632.655,     5857.17,      578.747,      0.000!   !END!
2453 ! X =      632.655,     5857.27,      569.798,      0.000!   !END!
2454 ! X =      632.655,     5857.37,      570.696,      0.000!   !END!
2455 ! X =      632.655,     5857.47,      572.783,      0.000!   !END!
2456 ! X =      632.655,     5857.57,      572.884,      0.000!   !END!
2457 ! X =      632.655,     5857.67,      570.104,      0.000!   !END!
2458 ! X =      632.655,     5857.77,      568.666,      0.000!   !END!
2459 ! X =      632.655,     5857.87,      569.529,      0.000!   !END!
2460 ! X =      632.555,     5855.37,      650.920,      0.000!   !END!
2461 ! X =      632.555,     5855.47,      622.946,      0.000!   !END!
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2462 ! X =      632.555,     5855.57,     593.250,        0.000!   !END!
2463 ! X =      632.555,     5855.67,     579.782,        0.000!   !END!
2464 ! X =      632.555,     5855.77,     573.505,        0.000!   !END!
2465 ! X =      632.555,     5855.87,     571.325,        0.000!   !END!
2466 ! X =      632.555,     5855.97,     571.870,        0.000!   !END!
2467 ! X =      632.555,     5856.07,     572.486,        0.000!   !END!
2468 ! X =      632.555,     5856.17,     573.272,        0.000!   !END!
2469 ! X =      632.555,     5856.27,     575.889,        0.000!   !END!
2470 ! X =      632.555,     5856.37,     582.341,        0.000!   !END!
2471 ! X =      632.555,     5856.47,     585.964,        0.000!   !END!
2472 ! X =      632.555,     5856.57,     585.388,        0.000!   !END!
2473 ! X =      632.555,     5856.67,     584.647,        0.000!   !END!
2474 ! X =      632.555,     5856.77,     589.455,        0.000!   !END!
2475 ! X =      632.555,     5856.87,     597.894,        0.000!   !END!
2476 ! X =      632.555,     5856.97,     599.098,        0.000!   !END!
2477 ! X =      632.555,     5857.07,     585.994,        0.000!   !END!
2478 ! X =      632.555,     5857.17,     573.551,        0.000!   !END!
2479 ! X =      632.555,     5857.27,     570.940,        0.000!   !END!
2480 ! X =      632.555,     5857.37,     572.891,        0.000!   !END!
2481 ! X =      632.555,     5857.47,     576.685,        0.000!   !END!
2482 ! X =      632.555,     5857.57,     578.140,        0.000!   !END!
2483 ! X =      632.555,     5857.67,     576.290,        0.000!   !END!
2484 ! X =      632.555,     5857.77,     572.003,        0.000!   !END!
2485 ! X =      632.555,     5857.87,     572.329,        0.000!   !END!
2486 ! X =      632.555,     5858.07,     572.795,        0.000!   !END!
2487 ! X =      632.555,     5858.27,     572.668,        0.000!   !END!
2488 ! X =      632.555,     5858.47,     569.291,        0.000!   !END!
2489 ! X =      632.555,     5858.67,     568.608,        0.000!   !END!
2490 ! X =      632.555,     5858.87,     567.498,        0.000!   !END!
2491 ! X =      632.755,     5858.07,     566.790,        0.000!   !END!
2492 ! X =      632.755,     5858.27,     566.000,        0.000!   !END!
2493 ! X =      632.755,     5858.47,     566.000,        0.000!   !END!
2494 ! X =      632.755,     5858.67,     566.000,        0.000!   !END!
2495 ! X =      632.755,     5858.87,     568.700,        0.000!   !END!
2496 ! X =      632.955,     5858.07,     566.680,        0.000!   !END!
2497 ! X =      632.955,     5858.27,     567.571,        0.000!   !END!
2498 ! X =      632.955,     5858.47,     566.000,        0.000!   !END!
2499 ! X =      632.955,     5858.67,     566.000,        0.000!   !END!
2500 ! X =      632.955,     5858.87,     567.001,        0.000!   !END!
2501 ! X =      633.155,     5858.07,     574.528,        0.000!   !END!
2502 ! X =      633.155,     5858.27,     574.189,        0.000!   !END!
2503 ! X =      633.155,     5858.47,     574.185,        0.000!   !END!
2504 ! X =      633.155,     5858.67,     569.180,        0.000!   !END!
2505 ! X =      633.155,     5858.87,     567.943,        0.000!   !END!
2506 ! X =      633.355,     5858.07,     589.429,        0.000!   !END!
2507 ! X =      633.355,     5858.27,     585.829,        0.000!   !END!
2508 ! X =      633.355,     5858.47,     578.964,        0.000!   !END!
2509 ! X =      633.355,     5858.67,     573.757,        0.000!   !END!
2510 ! X =      633.355,     5858.87,     569.034,        0.000!   !END!
2511 ! X =      633.555,     5858.07,     609.853,        0.000!   !END!
2512 ! X =      633.555,     5858.27,     600.371,        0.000!   !END!
2513 ! X =      633.555,     5858.47,     596.874,        0.000!   !END!
2514 ! X =      633.555,     5858.67,     590.297,        0.000!   !END!
2515 ! X =      633.555,     5858.87,     580.387,        0.000!   !END!
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2516 ! X =      633.755,     5858.07,     620.631,       0.000!   !END!
2517 ! X =      633.755,     5858.27,     616.754,       0.000!   !END!
2518 ! X =      633.755,     5858.47,     620.604,       0.000!   !END!
2519 ! X =      633.755,     5858.67,     615.076,       0.000!   !END!
2520 ! X =      633.755,     5858.87,     604.578,       0.000!   !END!
2521 ! X =      633.955,     5858.07,     615.041,       0.000!   !END!
2522 ! X =      633.955,     5858.27,     618.422,       0.000!   !END!
2523 ! X =      633.955,     5858.47,     626.701,       0.000!   !END!
2524 ! X =      633.955,     5858.67,     634.682,       0.000!   !END!
2525 ! X =      633.955,     5858.87,     636.781,       0.000!   !END!
2526 ! X =      634.155,     5858.07,     606.777,       0.000!   !END!
2527 ! X =      634.155,     5858.27,     615.713,       0.000!   !END!
2528 ! X =      634.155,     5858.47,     625.821,       0.000!   !END!
2529 ! X =      634.155,     5858.67,     630.525,       0.000!   !END!
2530 ! X =      634.155,     5858.87,     633.420,       0.000!   !END!
2531 ! X =      634.355,     5858.07,     606.622,       0.000!   !END!
2532 ! X =      634.355,     5858.27,     612.993,       0.000!   !END!
2533 ! X =      634.355,     5858.47,     619.515,       0.000!   !END!
2534 ! X =      634.355,     5858.67,     625.257,       0.000!   !END!
2535 ! X =      634.355,     5858.87,     634.168,       0.000!   !END!
2536 ! X =      634.555,     5858.07,     620.044,       0.000!   !END!
2537 ! X =      634.555,     5858.27,     633.116,       0.000!   !END!
2538 ! X =      634.555,     5858.47,     637.320,       0.000!   !END!
2539 ! X =      634.555,     5858.67,     633.195,       0.000!   !END!
2540 ! X =      634.555,     5858.87,     630.143,       0.000!   !END!
2541 ! X =      634.755,     5858.07,     622.611,       0.000!   !END!
2542 ! X =      634.755,     5858.27,     634.360,       0.000!   !END!
2543 ! X =      634.755,     5858.47,     643.634,       0.000!   !END!
2544 ! X =      634.755,     5858.67,     631.200,       0.000!   !END!
2545 ! X =      634.755,     5858.87,     641.948,       0.000!   !END!
2546 ! X =      634.955,     5858.07,     617.781,       0.000!   !END!
2547 ! X =      634.955,     5858.27,     619.660,       0.000!   !END!
2548 ! X =      634.955,     5858.47,     621.493,       0.000!   !END!
2549 ! X =      634.955,     5858.67,     630.730,       0.000!   !END!
2550 ! X =      634.955,     5858.87,     630.216,       0.000!   !END!
2551 ! X =      635.155,     5858.07,     607.267,       0.000!   !END!
2552 ! X =      635.155,     5858.27,     610.027,       0.000!   !END!
2553 ! X =      635.155,     5858.47,     609.497,       0.000!   !END!
2554 ! X =      635.155,     5858.67,     602.633,       0.000!   !END!
2555 ! X =      635.155,     5858.87,     600.402,       0.000!   !END!
2556 ! X =      635.355,     5858.07,     594.889,       0.000!   !END!
2557 ! X =      635.355,     5858.27,     593.640,       0.000!   !END!
2558 ! X =      635.355,     5858.47,     585.952,       0.000!   !END!
2559 ! X =      635.355,     5858.67,     580.413,       0.000!   !END!
2560 ! X =      635.355,     5858.87,     583.774,       0.000!   !END!
2561 ! X =      635.555,     5858.07,     574.721,       0.000!   !END!
2562 ! X =      635.555,     5858.27,     574.410,       0.000!   !END!
2563 ! X =      635.555,     5858.47,     574.236,       0.000!   !END!
2564 ! X =      635.555,     5858.67,     572.425,       0.000!   !END!
2565 ! X =      635.555,     5858.87,     566.558,       0.000!   !END!
2566 ! X =      635.755,     5858.07,     558.464,       0.000!   !END!
2567 ! X =      635.755,     5858.27,     564.368,       0.000!   !END!
2568 ! X =      635.755,     5858.47,     572.990,       0.000!   !END!
2569 ! X =      635.755,     5858.67,     572.137,       0.000!   !END!
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2570 ! X =        635.755,      5858.87,      556.241,         0.000!   !END!
2571 ! X =        635.955,      5858.07,      549.470,         0.000!   !END!
2572 ! X =        635.955,      5858.27,      552.177,         0.000!   !END!
2573 ! X =        635.955,      5858.47,      553.247,         0.000!   !END!
2574 ! X =        635.955,      5858.67,      550.356,         0.000!   !END!
2575 ! X =        635.955,      5858.87,      543.993,         0.000!   !END!
2576 ! X =        636.155,      5858.07,      539.964,         0.000!   !END!
2577 ! X =        636.155,      5858.27,      537.547,         0.000!   !END!
2578 ! X =        636.155,      5858.47,      539.138,         0.000!   !END!
2579 ! X =        636.155,      5858.67,      541.865,         0.000!   !END!
2580 ! X =        636.155,      5858.87,      545.512,         0.000!   !END!
2581 ! X =        636.355,      5858.07,      534.000,         0.000!   !END!
2582 ! X =        636.355,      5858.27,      534.066,         0.000!   !END!
2583 ! X =        636.355,      5858.47,      537.252,         0.000!   !END!
2584 ! X =        636.355,      5858.67,      538.529,         0.000!   !END!
2585 ! X =        636.355,      5858.87,      537.668,         0.000!   !END!
2586 ! X =        636.555,      5858.07,      534.000,         0.000!   !END!
2587 ! X =        636.555,      5858.27,      534.000,         0.000!   !END!
2588 ! X =        636.555,      5858.47,      534.656,         0.000!   !END!
2589 ! X =        636.555,      5858.67,      534.000,         0.000!   !END!
2590 ! X =        636.555,      5858.87,      538.470,         0.000!   !END!
2591 ! X =        635.755,      5857.87,      558.490,         0.000!   !END!
2592 ! X =        635.755,      5857.67,      561.610,         0.000!   !END!
2593 ! X =        635.755,      5857.47,      562.859,         0.000!   !END!
2594 ! X =        635.755,      5857.27,      564.826,         0.000!   !END!
2595 ! X =        635.755,      5857.07,      568.589,         0.000!   !END!
2596 ! X =        635.755,      5856.87,      572.014,         0.000!   !END!
2597 ! X =        635.755,      5856.67,      576.863,         0.000!   !END!
2598 ! X =        635.755,      5856.47,      583.228,         0.000!   !END!
2599 ! X =        635.755,      5856.27,      585.097,         0.000!   !END!
2600 ! X =        635.755,      5856.07,      580.909,         0.000!   !END!
2601 ! X =        635.755,      5855.87,      576.615,         0.000!   !END!
2602 ! X =        635.755,      5855.67,      578.673,         0.000!   !END!
2603 ! X =        635.755,      5855.47,      583.346,         0.000!   !END!
2604 ! X =        635.755,      5855.27,      583.822,         0.000!   !END!
2605 ! X =        635.755,      5855.07,      588.086,         0.000!   !END!
2606 ! X =        635.755,      5854.87,      588.661,         0.000!   !END!
2607 ! X =        635.755,      5854.67,      589.615,         0.000!   !END!
2608 ! X =        635.755,      5854.47,      593.083,         0.000!   !END!
2609 ! X =        635.755,      5854.27,      596.284,         0.000!   !END!
2610 ! X =        635.755,      5854.07,      598.779,         0.000!   !END!
2611 ! X =        635.755,      5853.87,      604.198,         0.000!   !END!
2612 ! X =        635.955,      5857.87,      546.215,         0.000!   !END!
2613 ! X =        635.955,      5857.67,      549.340,         0.000!   !END!
2614 ! X =        635.955,      5857.47,      547.692,         0.000!   !END!
2615 ! X =        635.955,      5857.27,      546.319,         0.000!   !END!
2616 ! X =        635.955,      5857.07,      548.765,         0.000!   !END!
2617 ! X =        635.955,      5856.87,      554.552,         0.000!   !END!
2618 ! X =        635.955,      5856.67,      563.427,         0.000!   !END!
2619 ! X =        635.955,      5856.47,      571.813,         0.000!   !END!
2620 ! X =        635.955,      5856.27,      575.871,         0.000!   !END!
2621 ! X =        635.955,      5856.07,      575.009,         0.000!   !END!
2622 ! X =        635.955,      5855.87,      566.228,         0.000!   !END!
2623 ! X =        635.955,      5855.67,      563.231,         0.000!   !END!
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2624 ! X =      635.955,    5855.47,    564.406,      0.000!   !END!
2625 ! X =      635.955,    5855.27,    573.014,      0.000!   !END!
2626 ! X =      635.955,    5855.07,    581.024,      0.000!   !END!
2627 ! X =      635.955,    5854.87,    581.876,      0.000!   !END!
2628 ! X =      635.955,    5854.67,    585.838,      0.000!   !END!
2629 ! X =      635.955,    5854.47,    591.506,      0.000!   !END!
2630 ! X =      635.955,    5854.27,    596.126,      0.000!   !END!
2631 ! X =      635.955,    5854.07,    608.408,      0.000!   !END!
2632 ! X =      635.955,    5853.87,    609.071,      0.000!   !END!
2633 ! X =      636.155,    5857.87,    539.453,      0.000!   !END!
2634 ! X =      636.155,    5857.67,    538.642,      0.000!   !END!
2635 ! X =      636.155,    5857.47,    535.413,      0.000!   !END!
2636 ! X =      636.155,    5857.27,    535.241,      0.000!   !END!
2637 ! X =      636.155,    5857.07,    534.328,      0.000!   !END!
2638 ! X =      636.155,    5856.87,    534.783,      0.000!   !END!
2639 ! X =      636.155,    5856.67,    545.004,      0.000!   !END!
2640 ! X =      636.155,    5856.47,    556.433,      0.000!   !END!
2641 ! X =      636.155,    5856.27,    559.855,      0.000!   !END!
2642 ! X =      636.155,    5856.07,    558.965,      0.000!   !END!
2643 ! X =      636.155,    5855.87,    568.250,      0.000!   !END!
2644 ! X =      636.155,    5855.67,    579.529,      0.000!   !END!
2645 ! X =      636.155,    5855.47,    594.775,      0.000!   !END!
2646 ! X =      636.155,    5855.27,    586.347,      0.000!   !END!
2647 ! X =      636.155,    5855.07,    585.878,      0.000!   !END!
2648 ! X =      636.155,    5854.87,    587.675,      0.000!   !END!
2649 ! X =      636.155,    5854.67,    588.918,      0.000!   !END!
2650 ! X =      636.155,    5854.47,    592.921,      0.000!   !END!
2651 ! X =      636.155,    5854.27,    601.646,      0.000!   !END!
2652 ! X =      636.155,    5854.07,    614.380,      0.000!   !END!
2653 ! X =      636.155,    5853.87,    612.737,      0.000!   !END!
2654 ! X =      636.355,    5857.87,    534.000,      0.000!   !END!
2655 ! X =      636.355,    5857.67,    534.000,      0.000!   !END!
2656 ! X =      636.355,    5857.47,    534.000,      0.000!   !END!
2657 ! X =      636.355,    5857.27,    534.000,      0.000!   !END!
2658 ! X =      636.355,    5857.07,    534.000,      0.000!   !END!
2659 ! X =      636.355,    5856.87,    534.000,      0.000!   !END!
2660 ! X =      636.355,    5856.67,    534.003,      0.000!   !END!
2661 ! X =      636.355,    5856.47,    537.734,      0.000!   !END!
2662 ! X =      636.355,    5856.27,    544.932,      0.000!   !END!
2663 ! X =      636.355,    5856.07,    552.765,      0.000!   !END!
2664 ! X =      636.355,    5855.87,    562.752,      0.000!   !END!
2665 ! X =      636.355,    5855.67,    576.436,      0.000!   !END!
2666 ! X =      636.355,    5855.47,    589.085,      0.000!   !END!
2667 ! X =      636.355,    5855.27,    594.287,      0.000!   !END!
2668 ! X =      636.355,    5855.07,    593.410,      0.000!   !END!
2669 ! X =      636.355,    5854.87,    592.459,      0.000!   !END!
2670 ! X =      636.355,    5854.67,    592.232,      0.000!   !END!
2671 ! X =      636.355,    5854.47,    592.811,      0.000!   !END!
2672 ! X =      636.355,    5854.27,    599.662,      0.000!   !END!
2673 ! X =      636.355,    5854.07,    604.020,      0.000!   !END!
2674 ! X =      636.355,    5853.87,    605.360,      0.000!   !END!
2675 ! X =      636.555,    5857.87,    534.000,      0.000!   !END!
2676 ! X =      636.555,    5857.67,    534.000,      0.000!   !END!
2677 ! X =      636.555,    5857.47,    534.000,      0.000!   !END!
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2678 ! X =        636.555,      5857.27,       534.000,        0.000!   !END!
2679 ! X =        636.555,      5857.07,       534.000,        0.000!   !END!
2680 ! X =        636.555,      5856.87,       534.000,        0.000!   !END!
2681 ! X =        636.555,      5856.67,       534.000,        0.000!   !END!
2682 ! X =        636.555,      5856.47,       534.000,        0.000!   !END!
2683 ! X =        636.555,      5856.27,       534.000,        0.000!   !END!
2684 ! X =        636.555,      5856.07,       534.438,        0.000!   !END!
2685 ! X =        636.555,      5855.87,       546.771,        0.000!   !END!
2686 ! X =        636.555,      5855.67,       558.781,        0.000!   !END!
2687 ! X =        636.555,      5855.47,       569.302,        0.000!   !END!
2688 ! X =        636.555,      5855.27,       574.450,        0.000!   !END!
2689 ! X =        636.555,      5855.07,       580.994,        0.000!   !END!
2690 ! X =        636.555,      5854.87,       585.437,        0.000!   !END!
2691 ! X =        636.555,      5854.67,       591.713,        0.000!   !END!
2692 ! X =        636.555,      5854.47,       594.632,        0.000!   !END!
2693 ! X =        636.555,      5854.27,       593.114,        0.000!   !END!
2694 ! X =        636.555,      5854.07,       591.900,        0.000!   !END!
2695 ! X =        636.555,      5853.87,       593.102,        0.000!   !END!
2696 ! X =        635.555,      5854.67,       580.660,        0.000!   !END!
2697 ! X =        635.555,      5854.47,       582.786,        0.000!   !END!
2698 ! X =        635.555,      5854.27,       588.987,        0.000!   !END!
2699 ! X =        635.555,      5854.07,       592.639,        0.000!   !END!
2700 ! X =        635.555,      5853.87,       587.776,        0.000!   !END!
2701 ! X =        635.355,      5854.67,       578.000,        0.000!   !END!
2702 ! X =        635.355,      5854.47,       578.000,        0.000!   !END!
2703 ! X =        635.355,      5854.27,       578.000,        0.000!   !END!
2704 ! X =        635.355,      5854.07,       578.000,        0.000!   !END!
2705 ! X =        635.355,      5853.87,       578.000,        0.000!   !END!
2706 ! X =        635.155,      5854.67,       578.000,        0.000!   !END!
2707 ! X =        635.155,      5854.47,       578.000,        0.000!   !END!
2708 ! X =        635.155,      5854.27,       578.000,        0.000!   !END!
2709 ! X =        635.155,      5854.07,       578.000,        0.000!   !END!
2710 ! X =        635.155,      5853.87,       578.000,        0.000!   !END!
2711 ! X =        634.955,      5854.67,       578.000,        0.000!   !END!
2712 ! X =        634.955,      5854.47,       578.000,        0.000!   !END!
2713 ! X =        634.955,      5854.27,       578.000,        0.000!   !END!
2714 ! X =        634.955,      5854.07,       578.000,        0.000!   !END!
2715 ! X =        634.955,      5853.87,       578.000,        0.000!   !END!
2716 ! X =        634.755,      5854.67,       587.157,        0.000!   !END!
2717 ! X =        634.755,      5854.47,       588.750,        0.000!   !END!
2718 ! X =        634.755,      5854.27,       584.249,        0.000!   !END!
2719 ! X =        634.755,      5854.07,       579.065,        0.000!   !END!
2720 ! X =        634.755,      5853.87,       578.000,        0.000!   !END!
2721 ! X =        634.555,      5854.67,       602.854,        0.000!   !END!
2722 ! X =        634.555,      5854.47,       603.650,        0.000!   !END!
2723 ! X =        634.555,      5854.27,       597.403,        0.000!   !END!
2724 ! X =        634.555,      5854.07,       587.922,        0.000!   !END!
2725 ! X =        634.555,      5853.87,       578.690,        0.000!   !END!
2726 ! X =        634.355,      5854.67,       612.202,        0.000!   !END!
2727 ! X =        634.355,      5854.47,       610.665,        0.000!   !END!
2728 ! X =        634.355,      5854.27,       605.826,        0.000!   !END!
2729 ! X =        634.355,      5854.07,       597.734,        0.000!   !END!
2730 ! X =        634.355,      5853.87,       591.768,        0.000!   !END!
2731 ! X =        634.155,      5854.67,       615.506,        0.000!   !END!
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2732 ! X =      634.155,     5854.47,     619.056,       0.000!   !END!
2733 ! X =      634.155,     5854.27,     620.410,       0.000!   !END!
2734 ! X =      634.155,     5854.07,     618.152,       0.000!   !END!
2735 ! X =      634.155,     5853.87,     606.337,       0.000!   !END!
2736 ! X =      633.955,     5854.67,     636.323,       0.000!   !END!
2737 ! X =      633.955,     5854.47,     650.838,       0.000!   !END!
2738 ! X =      633.955,     5854.27,     649.132,       0.000!   !END!
2739 ! X =      633.955,     5854.07,     631.155,       0.000!   !END!
2740 ! X =      633.955,     5853.87,     612.408,       0.000!   !END!
2741 ! X =      633.755,     5854.67,     677.106,       0.000!   !END!
2742 ! X =      633.755,     5854.47,     677.745,       0.000!   !END!
2743 ! X =      633.755,     5854.27,     661.124,       0.000!   !END!
2744 ! X =      633.755,     5854.07,     637.932,       0.000!   !END!
2745 ! X =      633.755,     5853.87,     618.247,       0.000!   !END!
2746 ! X =      633.555,     5854.67,     683.553,       0.000!   !END!
2747 ! X =      633.555,     5854.47,     689.871,       0.000!   !END!
2748 ! X =      633.555,     5854.27,     661.439,       0.000!   !END!
2749 ! X =      633.555,     5854.07,     640.442,       0.000!   !END!
2750 ! X =      633.555,     5853.87,     621.675,       0.000!   !END!
2751 ! X =      633.355,     5854.67,     671.164,       0.000!   !END!
2752 ! X =      633.355,     5854.47,     680.403,       0.000!   !END!
2753 ! X =      633.355,     5854.27,     653.484,       0.000!   !END!
2754 ! X =      633.355,     5854.07,     643.453,       0.000!   !END!
2755 ! X =      633.355,     5853.87,     622.321,       0.000!   !END!
2756 ! X =      633.155,     5854.67,     662.442,       0.000!   !END!
2757 ! X =      633.155,     5854.47,     676.542,       0.000!   !END!
2758 ! X =      633.155,     5854.27,     674.326,       0.000!   !END!
2759 ! X =      633.155,     5854.07,     652.578,       0.000!   !END!
2760 ! X =      633.155,     5853.87,     626.298,       0.000!   !END!
2761 ! X =      632.955,     5854.67,     637.309,       0.000!   !END!
2762 ! X =      632.955,     5854.47,     691.301,       0.000!   !END!
2763 ! X =      632.955,     5854.27,     691.604,       0.000!   !END!
2764 ! X =      632.955,     5854.07,     661.427,       0.000!   !END!
2765 ! X =      632.955,     5853.87,     633.959,       0.000!   !END!
2766 ! X =      632.755,     5854.67,     623.112,       0.000!   !END!
2767 ! X =      632.755,     5854.47,     679.863,       0.000!   !END!
2768 ! X =      632.755,     5854.27,     704.781,       0.000!   !END!
2769 ! X =      632.755,     5854.07,     671.534,       0.000!   !END!
2770 ! X =      632.755,     5853.87,     641.315,       0.000!   !END!
2771 ! X =      632.555,     5854.67,     613.893,       0.000!   !END!
2772 ! X =      632.555,     5854.47,     666.097,       0.000!   !END!
2773 ! X =      632.555,     5854.27,     714.050,       0.000!   !END!
2774 ! X =      632.555,     5854.07,     684.285,       0.000!   !END!
2775 ! X =      632.555,     5853.87,     653.431,       0.000!   !END!
2776 ! X =      632.355,     5854.67,     604.824,       0.000!   !END!
2777 ! X =      632.355,     5854.47,     649.222,       0.000!   !END!
2778 ! X =      632.355,     5854.27,     698.060,       0.000!   !END!
2779 ! X =      632.355,     5854.07,     702.253,       0.000!   !END!
2780 ! X =      632.355,     5853.87,     671.518,       0.000!   !END!
2781 ! X =      632.155,     5854.67,     588.832,       0.000!   !END!
2782 ! X =      632.155,     5854.47,     621.840,       0.000!   !END!
2783 ! X =      632.155,     5854.27,     674.143,       0.000!   !END!
2784 ! X =      632.155,     5854.07,     701.998,       0.000!   !END!
2785 ! X =      632.155,     5853.87,     682.891,       0.000!   !END!
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2786 ! X =      631.955,     5854.67,     578.444,     0.000!  !END!
2787 ! X =      631.955,     5854.47,     590.483,     0.000!  !END!
2788 ! X =      631.955,     5854.27,     633.130,     0.000!  !END!
2789 ! X =      631.955,     5854.07,     675.636,     0.000!  !END!
2790 ! X =      631.955,     5853.87,     685.624,     0.000!  !END!
2791 ! X =      631.755,     5854.67,     581.834,     0.000!  !END!
2792 ! X =      631.755,     5854.47,     578.232,     0.000!  !END!
2793 ! X =      631.755,     5854.27,     596.488,     0.000!  !END!
2794 ! X =      631.755,     5854.07,     625.120,     0.000!  !END!
2795 ! X =      631.755,     5853.87,     656.554,     0.000!  !END!
2796 ! X =      631.555,     5854.67,     602.554,     0.000!  !END!
2797 ! X =      631.555,     5854.47,     589.392,     0.000!  !END!
2798 ! X =      631.555,     5854.27,     589.251,     0.000!  !END!
2799 ! X =      631.555,     5854.07,     595.401,     0.000!  !END!
2800 ! X =      631.555,     5853.87,     608.005,     0.000!  !END!
2801 ! X =      632.355,     5854.87,     595.461,     0.000!  !END!
2802 ! X =      632.355,     5855.07,     604.703,     0.000!  !END!
2803 ! X =      632.355,     5855.27,     611.619,     0.000!  !END!
2804 ! X =      632.355,     5855.47,     585.411,     0.000!  !END!
2805 ! X =      632.355,     5855.67,     569.894,     0.000!  !END!
2806 ! X =      632.355,     5855.87,     572.196,     0.000!  !END!
2807 ! X =      632.355,     5856.07,     575.094,     0.000!  !END!
2808 ! X =      632.355,     5856.27,     579.505,     0.000!  !END!
2809 ! X =      632.355,     5856.47,     598.106,     0.000!  !END!
2810 ! X =      632.355,     5856.67,     593.878,     0.000!  !END!
2811 ! X =      632.355,     5856.87,     579.923,     0.000!  !END!
2812 ! X =      632.355,     5857.07,     576.056,     0.000!  !END!
2813 ! X =      632.355,     5857.27,     580.212,     0.000!  !END!
2814 ! X =      632.355,     5857.47,     587.026,     0.000!  !END!
2815 ! X =      632.355,     5857.67,     590.553,     0.000!  !END!
2816 ! X =      632.355,     5857.87,     586.036,     0.000!  !END!
2817 ! X =      632.355,     5858.07,     578.031,     0.000!  !END!
2818 ! X =      632.355,     5858.27,     576.092,     0.000!  !END!
2819 ! X =      632.355,     5858.47,     572.951,     0.000!  !END!
2820 ! X =      632.355,     5858.67,     571.861,     0.000!  !END!
2821 ! X =      632.355,     5858.87,     568.041,     0.000!  !END!
2822 ! X =      632.155,     5854.87,     584.618,     0.000!  !END!
2823 ! X =      632.155,     5855.07,     583.718,     0.000!  !END!
2824 ! X =      632.155,     5855.27,     577.238,     0.000!  !END!
2825 ! X =      632.155,     5855.47,     569.138,     0.000!  !END!
2826 ! X =      632.155,     5855.67,     571.587,     0.000!  !END!
2827 ! X =      632.155,     5855.87,     575.090,     0.000!  !END!
2828 ! X =      632.155,     5856.07,     587.645,     0.000!  !END!
2829 ! X =      632.155,     5856.27,     594.357,     0.000!  !END!
2830 ! X =      632.155,     5856.47,     598.646,     0.000!  !END!
2831 ! X =      632.155,     5856.67,     597.737,     0.000!  !END!
2832 ! X =      632.155,     5856.87,     592.621,     0.000!  !END!
2833 ! X =      632.155,     5857.07,     593.031,     0.000!  !END!
2834 ! X =      632.155,     5857.27,     598.781,     0.000!  !END!
2835 ! X =      632.155,     5857.47,     604.399,     0.000!  !END!
2836 ! X =      632.155,     5857.67,     605.516,     0.000!  !END!
2837 ! X =      632.155,     5857.87,     601.989,     0.000!  !END!
2838 ! X =      632.155,     5858.07,     587.474,     0.000!  !END!
2839 ! X =      632.155,     5858.27,     579.307,     0.000!  !END!
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2840 ! X =      632.155,     5858.47,     578.514,      0.000!   !END!
2841 ! X =      632.155,     5858.67,     576.343,      0.000!   !END!
2842 ! X =      632.155,     5858.87,     574.560,      0.000!   !END!
2843 ! X =      631.955,     5854.87,     580.121,      0.000!   !END!
2844 ! X =      631.955,     5855.07,     580.535,      0.000!   !END!
2845 ! X =      631.955,     5855.27,     577.347,      0.000!   !END!
2846 ! X =      631.955,     5855.47,     578.211,      0.000!   !END!
2847 ! X =      631.955,     5855.67,     583.144,      0.000!   !END!
2848 ! X =      631.955,     5855.87,     596.103,      0.000!   !END!
2849 ! X =      631.955,     5856.07,     610.516,      0.000!   !END!
2850 ! X =      631.955,     5856.27,     621.343,      0.000!   !END!
2851 ! X =      631.955,     5856.47,     623.112,      0.000!   !END!
2852 ! X =      631.955,     5856.67,     622.044,      0.000!   !END!
2853 ! X =      631.955,     5856.87,     618.723,      0.000!   !END!
2854 ! X =      631.955,     5857.07,     619.146,      0.000!   !END!
2855 ! X =      631.955,     5857.27,     622.010,      0.000!   !END!
2856 ! X =      631.955,     5857.47,     617.152,      0.000!   !END!
2857 ! X =      631.955,     5857.67,     616.567,      0.000!   !END!
2858 ! X =      631.955,     5857.87,     616.830,      0.000!   !END!
2859 ! X =      631.955,     5858.07,     609.727,      0.000!   !END!
2860 ! X =      631.955,     5858.27,     592.058,      0.000!   !END!
2861 ! X =      631.955,     5858.47,     589.432,      0.000!   !END!
2862 ! X =      631.955,     5858.67,     588.575,      0.000!   !END!
2863 ! X =      631.955,     5858.87,     584.387,      0.000!   !END!
2864 ! X =      631.755,     5854.87,     583.779,      0.000!   !END!
2865 ! X =      631.755,     5855.07,     596.877,      0.000!   !END!
2866 ! X =      631.755,     5855.27,     601.215,      0.000!   !END!
2867 ! X =      631.755,     5855.47,     609.357,      0.000!   !END!
2868 ! X =      631.755,     5855.67,     618.343,      0.000!   !END!
2869 ! X =      631.755,     5855.87,     627.108,      0.000!   !END!
2870 ! X =      631.755,     5856.07,     637.433,      0.000!   !END!
2871 ! X =      631.755,     5856.27,     639.864,      0.000!   !END!
2872 ! X =      631.755,     5856.47,     647.637,      0.000!   !END!
2873 ! X =      631.755,     5856.67,     646.884,      0.000!   !END!
2874 ! X =      631.755,     5856.87,     648.962,      0.000!   !END!
2875 ! X =      631.755,     5857.07,     646.791,      0.000!   !END!
2876 ! X =      631.755,     5857.27,     645.871,      0.000!   !END!
2877 ! X =      631.755,     5857.47,     643.268,      0.000!   !END!
2878 ! X =      631.755,     5857.67,     634.384,      0.000!   !END!
2879 ! X =      631.755,     5857.87,     628.498,      0.000!   !END!
2880 ! X =      631.755,     5858.07,     624.152,      0.000!   !END!
2881 ! X =      631.755,     5858.27,     607.243,      0.000!   !END!
2882 ! X =      631.755,     5858.47,     594.680,      0.000!   !END!
2883 ! X =      631.755,     5858.67,     597.730,      0.000!   !END!
2884 ! X =      631.755,     5858.87,     600.547,      0.000!   !END!
2885 ! X =      631.555,     5854.87,     610.982,      0.000!   !END!
2886 ! X =      631.555,     5855.07,     624.172,      0.000!   !END!
2887 ! X =      631.555,     5855.27,     633.427,      0.000!   !END!
2888 ! X =      631.555,     5855.47,     643.772,      0.000!   !END!
2889 ! X =      631.555,     5855.67,     652.442,      0.000!   !END!
2890 ! X =      631.555,     5855.87,     656.935,      0.000!   !END!
2891 ! X =      631.555,     5856.07,     663.119,      0.000!   !END!
2892 ! X =      631.555,     5856.27,     665.634,      0.000!   !END!
2893 ! X =      631.555,     5856.47,     662.598,      0.000!   !END!
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2894 ! X =      631.555,    5856.67,    664.000,     0.000!   !END!
2895 ! X =      631.555,    5856.87,    667.502,     0.000!   !END!
2896 ! X =      631.555,    5857.07,    669.453,     0.000!   !END!
2897 ! X =      631.555,    5857.27,    671.257,     0.000!   !END!
2898 ! X =      631.555,    5857.47,    663.430,     0.000!   !END!
2899 ! X =      631.555,    5857.67,    660.754,     0.000!   !END!
2900 ! X =      631.555,    5857.87,    651.338,     0.000!   !END!
2901 ! X =      631.555,    5858.07,    628.253,     0.000!   !END!
2902 ! X =      631.555,    5858.27,    610.542,     0.000!   !END!
2903 ! X =      631.555,    5858.47,    600.338,     0.000!   !END!
2904 ! X =      631.555,    5858.67,    605.041,     0.000!   !END!
2905 ! X =      631.555,    5858.87,    608.644,     0.000!   !END!
2906 ! X =      631.555,    5859.37,    589.775,     0.000!   !END!
2907 ! X =      631.555,    5859.87,    584.590,     0.000!   !END!
2908 ! X =      631.555,    5860.37,    577.034,     0.000!   !END!
2909 ! X =      631.555,    5860.87,    593.984,     0.000!   !END!
2910 ! X =      631.555,    5861.37,    594.910,     0.000!   !END!
2911 ! X =      631.555,    5861.87,    575.206,     0.000!   !END!
2912 ! X =      631.555,    5862.37,    562.627,     0.000!   !END!
2913 ! X =      631.555,    5862.87,    561.812,     0.000!   !END!
2914 ! X =      631.555,    5863.37,    578.227,     0.000!   !END!
2915 ! X =      631.555,    5863.87,    565.606,     0.000!   !END!
2916 ! X =      631.555,    5864.37,    554.768,     0.000!   !END!
2917 ! X =      631.555,    5864.87,    566.128,     0.000!   !END!
2918 ! X =      631.555,    5865.37,    587.105,     0.000!   !END!
2919 ! X =      631.555,    5865.87,    635.430,     0.000!   !END!
2920 ! X =      631.555,    5866.37,    597.161,     0.000!   !END!
2921 ! X =      631.555,    5866.87,    585.827,     0.000!   !END!
2922 ! X =      631.555,    5867.37,    594.472,     0.000!   !END!
2923 ! X =      631.555,    5867.87,    611.307,     0.000!   !END!
2924 ! X =      631.555,    5868.37,    624.286,     0.000!   !END!
2925 ! X =      631.555,    5868.87,    630.040,     0.000!   !END!
2926 ! X =      631.555,    5869.37,    643.448,     0.000!   !END!
2927 ! X =      631.555,    5869.87,    611.520,     0.000!   !END!
2928 ! X =      631.555,    5870.37,    616.216,     0.000!   !END!
2929 ! X =      631.555,    5870.87,    619.415,     0.000!   !END!
2930 ! X =      631.555,    5871.37,    618.960,     0.000!   !END!
2931 ! X =      632.055,    5859.37,    569.868,     0.000!   !END!
2932 ! X =      632.055,    5859.87,    560.880,     0.000!   !END!
2933 ! X =      632.055,    5860.37,    559.000,     0.000!   !END!
2934 ! X =      632.055,    5860.87,    559.747,     0.000!   !END!
2935 ! X =      632.055,    5861.37,    561.985,     0.000!   !END!
2936 ! X =      632.055,    5861.87,    584.802,     0.000!   !END!
2937 ! X =      632.055,    5862.37,    592.442,     0.000!   !END!
2938 ! X =      632.055,    5862.87,    566.686,     0.000!   !END!
2939 ! X =      632.055,    5863.37,    556.831,     0.000!   !END!
2940 ! X =      632.055,    5863.87,    557.956,     0.000!   !END!
2941 ! X =      632.055,    5864.37,    559.722,     0.000!   !END!
2942 ! X =      632.055,    5864.87,    583.065,     0.000!   !END!
2943 ! X =      632.055,    5865.37,    628.113,     0.000!   !END!
2944 ! X =      632.055,    5865.87,    634.115,     0.000!   !END!
2945 ! X =      632.055,    5866.37,    652.678,     0.000!   !END!
2946 ! X =      632.055,    5866.87,    657.168,     0.000!   !END!
2947 ! X =      632.055,    5867.37,    609.753,     0.000!   !END!
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2948 ! X =        632.055,     5867.87,      643.296,       0.000!   !END!
2949 ! X =        632.055,     5868.37,      651.912,       0.000!   !END!
2950 ! X =        632.055,     5868.87,      648.139,       0.000!   !END!
2951 ! X =        632.055,     5869.37,      639.255,       0.000!   !END!
2952 ! X =        632.055,     5869.87,      622.998,       0.000!   !END!
2953 ! X =        632.055,     5870.37,      614.008,       0.000!   !END!
2954 ! X =        632.055,     5870.87,      614.000,       0.000!   !END!
2955 ! X =        632.055,     5871.37,      616.690,       0.000!   !END!
2956 ! X =        632.555,     5859.37,      566.242,       0.000!   !END!
2957 ! X =        632.555,     5859.87,      573.138,       0.000!   !END!
2958 ! X =        632.555,     5860.37,      584.675,       0.000!   !END!
2959 ! X =        632.555,     5860.87,      592.098,       0.000!   !END!
2960 ! X =        632.555,     5861.37,      574.020,       0.000!   !END!
2961 ! X =        632.555,     5861.87,      582.526,       0.000!   !END!
2962 ! X =        632.555,     5862.37,      596.857,       0.000!   !END!
2963 ! X =        632.555,     5862.87,      591.105,       0.000!   !END!
2964 ! X =        632.555,     5863.37,      544.584,       0.000!   !END!
2965 ! X =        632.555,     5863.87,      557.186,       0.000!   !END!
2966 ! X =        632.555,     5864.37,      568.633,       0.000!   !END!
2967 ! X =        632.555,     5864.87,      599.858,       0.000!   !END!
2968 ! X =        632.555,     5865.37,      616.652,       0.000!   !END!
2969 ! X =        632.555,     5865.87,      618.000,       0.000!   !END!
2970 ! X =        632.555,     5866.37,      619.489,       0.000!   !END!
2971 ! X =        632.555,     5866.87,      670.946,       0.000!   !END!
2972 ! X =        632.555,     5867.37,      641.095,       0.000!   !END!
2973 ! X =        632.555,     5867.87,      653.203,       0.000!   !END!
2974 ! X =        632.555,     5868.37,      675.336,       0.000!   !END!
2975 ! X =        632.555,     5868.87,      699.758,       0.000!   !END!
2976 ! X =        632.555,     5869.37,      636.903,       0.000!   !END!
2977 ! X =        632.555,     5869.87,      640.100,       0.000!   !END!
2978 ! X =        632.555,     5870.37,      632.380,       0.000!   !END!
2979 ! X =        632.555,     5870.87,      614.000,       0.000!   !END!
2980 ! X =        632.555,     5871.37,      615.846,       0.000!   !END!
2981 ! X =        633.055,     5859.37,      573.314,       0.000!   !END!
2982 ! X =        633.055,     5859.87,      593.873,       0.000!   !END!
2983 ! X =        633.055,     5860.37,      613.388,       0.000!   !END!
2984 ! X =        633.055,     5860.87,      610.942,       0.000!   !END!
2985 ! X =        633.055,     5861.37,      573.786,       0.000!   !END!
2986 ! X =        633.055,     5861.87,      561.493,       0.000!   !END!
2987 ! X =        633.055,     5862.37,      592.808,       0.000!   !END!
2988 ! X =        633.055,     5862.87,      546.576,       0.000!   !END!
2989 ! X =        633.055,     5863.37,      559.638,       0.000!   !END!
2990 ! X =        633.055,     5863.87,      561.383,       0.000!   !END!
2991 ! X =        633.055,     5864.37,      576.970,       0.000!   !END!
2992 ! X =        633.055,     5864.87,      586.333,       0.000!   !END!
2993 ! X =        633.055,     5865.37,      602.178,       0.000!   !END!
2994 ! X =        633.055,     5865.87,      635.116,       0.000!   !END!
2995 ! X =        633.055,     5866.37,      650.070,       0.000!   !END!
2996 ! X =        633.055,     5866.87,      658.486,       0.000!   !END!
2997 ! X =        633.055,     5867.37,      658.303,       0.000!   !END!
2998 ! X =        633.055,     5867.87,      667.959,       0.000!   !END!
2999 ! X =        633.055,     5868.37,      676.907,       0.000!   !END!
3000 ! X =        633.055,     5868.87,      675.689,       0.000!   !END!
3001 ! X =        633.055,     5869.37,      663.657,       0.000!   !END!
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3002 ! X =      633.055,    5869.87,    650.488,      0.000!   !END!
3003 ! X =      633.055,    5870.37,    651.579,      0.000!   !END!
3004 ! X =      633.055,    5870.87,    638.005,      0.000!   !END!
3005 ! X =      633.055,    5871.37,    622.403,      0.000!   !END!
3006 ! X =      633.555,    5859.37,    579.716,      0.000!   !END!
3007 ! X =      633.555,    5859.87,    617.260,      0.000!   !END!
3008 ! X =      633.555,    5860.37,    664.495,      0.000!   !END!
3009 ! X =      633.555,    5860.87,    624.590,      0.000!   !END!
3010 ! X =      633.555,    5861.37,    597.320,      0.000!   !END!
3011 ! X =      633.555,    5861.87,    553.169,      0.000!   !END!
3012 ! X =      633.555,    5862.37,    551.149,      0.000!   !END!
3013 ! X =      633.555,    5862.87,    546.142,      0.000!   !END!
3014 ! X =      633.555,    5863.37,    558.290,      0.000!   !END!
3015 ! X =      633.555,    5863.87,    570.619,      0.000!   !END!
3016 ! X =      633.555,    5864.37,    580.252,      0.000!   !END!
3017 ! X =      633.555,    5864.87,    595.664,      0.000!   !END!
3018 ! X =      633.555,    5865.37,    601.017,      0.000!   !END!
3019 ! X =      633.555,    5865.87,    611.572,      0.000!   !END!
3020 ! X =      633.555,    5866.37,    623.743,      0.000!   !END!
3021 ! X =      633.555,    5866.87,    639.717,      0.000!   !END!
3022 ! X =      633.555,    5867.37,    659.409,      0.000!   !END!
3023 ! X =      633.555,    5867.87,    679.183,      0.000!   !END!
3024 ! X =      633.555,    5868.37,    678.713,      0.000!   !END!
3025 ! X =      633.555,    5868.87,    691.035,      0.000!   !END!
3026 ! X =      633.555,    5869.37,    700.728,      0.000!   !END!
3027 ! X =      633.555,    5869.87,    664.666,      0.000!   !END!
3028 ! X =      633.555,    5870.37,    668.301,      0.000!   !END!
3029 ! X =      633.555,    5870.87,    645.995,      0.000!   !END!
3030 ! X =      633.555,    5871.37,    639.374,      0.000!   !END!
3031 ! X =      634.055,    5859.37,    590.307,      0.000!   !END!
3032 ! X =      634.055,    5859.87,    596.685,      0.000!   !END!
3033 ! X =      634.055,    5860.37,    605.363,      0.000!   !END!
3034 ! X =      634.055,    5860.87,    636.287,      0.000!   !END!
3035 ! X =      634.055,    5861.37,    620.791,      0.000!   !END!
3036 ! X =      634.055,    5861.87,    553.005,      0.000!   !END!
3037 ! X =      634.055,    5862.37,    543.244,      0.000!   !END!
3038 ! X =      634.055,    5862.87,    549.637,      0.000!   !END!
3039 ! X =      634.055,    5863.37,    555.349,      0.000!   !END!
3040 ! X =      634.055,    5863.87,    558.165,      0.000!   !END!
3041 ! X =      634.055,    5864.37,    559.367,      0.000!   !END!
3042 ! X =      634.055,    5864.87,    566.445,      0.000!   !END!
3043 ! X =      634.055,    5865.37,    583.748,      0.000!   !END!
3044 ! X =      634.055,    5865.87,    596.864,      0.000!   !END!
3045 ! X =      634.055,    5866.37,    618.018,      0.000!   !END!
3046 ! X =      634.055,    5866.87,    663.072,      0.000!   !END!
3047 ! X =      634.055,    5867.37,    669.903,      0.000!   !END!
3048 ! X =      634.055,    5867.87,    703.142,      0.000!   !END!
3049 ! X =      634.055,    5868.37,    741.576,      0.000!   !END!
3050 ! X =      634.055,    5868.87,    743.630,      0.000!   !END!
3051 ! X =      634.055,    5869.37,    723.676,      0.000!   !END!
3052 ! X =      634.055,    5869.87,    685.565,      0.000!   !END!
3053 ! X =      634.055,    5870.37,    681.553,      0.000!   !END!
3054 ! X =      634.055,    5870.87,    695.490,      0.000!   !END!
3055 ! X =      634.055,    5871.37,    697.421,      0.000!   !END!
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3056 ! X =      634.555,     5859.37,     586.000,       0.000!   !END!
3057 ! X =      634.555,     5859.87,     590.281,       0.000!   !END!
3058 ! X =      634.555,     5860.37,     596.670,       0.000!   !END!
3059 ! X =      634.555,     5860.87,     569.325,       0.000!   !END!
3060 ! X =      634.555,     5861.37,     558.090,       0.000!   !END!
3061 ! X =      634.555,     5861.87,     547.003,       0.000!   !END!
3062 ! X =      634.555,     5862.37,     547.059,       0.000!   !END!
3063 ! X =      634.555,     5862.87,     537.872,       0.000!   !END!
3064 ! X =      634.555,     5863.37,     537.540,       0.000!   !END!
3065 ! X =      634.555,     5863.87,     548.139,       0.000!   !END!
3066 ! X =      634.555,     5864.37,     561.627,       0.000!   !END!
3067 ! X =      634.555,     5864.87,     582.226,       0.000!   !END!
3068 ! X =      634.555,     5865.37,     641.400,       0.000!   !END!
3069 ! X =      634.555,     5865.87,     647.904,       0.000!   !END!
3070 ! X =      634.555,     5866.37,     650.767,       0.000!   !END!
3071 ! X =      634.555,     5866.87,     654.024,       0.000!   !END!
3072 ! X =      634.555,     5867.37,     703.718,       0.000!   !END!
3073 ! X =      634.555,     5867.87,     699.826,       0.000!   !END!
3074 ! X =      634.555,     5868.37,     710.997,       0.000!   !END!
3075 ! X =      634.555,     5868.87,     710.854,       0.000!   !END!
3076 ! X =      634.555,     5869.37,     734.910,       0.000!   !END!
3077 ! X =      634.555,     5869.87,     748.006,       0.000!   !END!
3078 ! X =      634.555,     5870.37,     752.128,       0.000!   !END!
3079 ! X =      634.555,     5870.87,     784.859,       0.000!   !END!
3080 ! X =      634.555,     5871.37,     766.323,       0.000!   !END!
3081 ! X =      635.055,     5859.37,     642.026,       0.000!   !END!
3082 ! X =      635.055,     5859.87,     612.581,       0.000!   !END!
3083 ! X =      635.055,     5860.37,     563.919,       0.000!   !END!
3084 ! X =      635.055,     5860.87,     547.752,       0.000!   !END!
3085 ! X =      635.055,     5861.37,     543.303,       0.000!   !END!
3086 ! X =      635.055,     5861.87,     534.000,       0.000!   !END!
3087 ! X =      635.055,     5862.37,     534.000,       0.000!   !END!
3088 ! X =      635.055,     5862.87,     534.771,       0.000!   !END!
3089 ! X =      635.055,     5863.37,     545.240,       0.000!   !END!
3090 ! X =      635.055,     5863.87,     546.314,       0.000!   !END!
3091 ! X =      635.055,     5864.37,     562.171,       0.000!   !END!
3092 ! X =      635.055,     5864.87,     587.206,       0.000!   !END!
3093 ! X =      635.055,     5865.37,     588.670,       0.000!   !END!
3094 ! X =      635.055,     5865.87,     592.247,       0.000!   !END!
3095 ! X =      635.055,     5866.37,     627.596,       0.000!   !END!
3096 ! X =      635.055,     5866.87,     637.878,       0.000!   !END!
3097 ! X =      635.055,     5867.37,     675.031,       0.000!   !END!
3098 ! X =      635.055,     5867.87,     705.962,       0.000!   !END!
3099 ! X =      635.055,     5868.37,     682.744,       0.000!   !END!
3100 ! X =      635.055,     5868.87,     714.836,       0.000!   !END!
3101 ! X =      635.055,     5869.37,     774.723,       0.000!   !END!
3102 ! X =      635.055,     5869.87,     805.005,       0.000!   !END!
3103 ! X =      635.055,     5870.37,     786.375,       0.000!   !END!
3104 ! X =      635.055,     5870.87,     811.332,       0.000!   !END!
3105 ! X =      635.055,     5871.37,     793.996,       0.000!   !END!
3106 ! X =      635.555,     5859.37,     557.914,       0.000!   !END!
3107 ! X =      635.555,     5859.87,     556.944,       0.000!   !END!
3108 ! X =      635.555,     5860.37,     543.518,       0.000!   !END!
3109 ! X =      635.555,     5860.87,     534.000,       0.000!   !END!
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3110 ! X =      635.555,     5861.37,     534.000,        0.000!   !END!
3111 ! X =      635.555,     5861.87,     534.000,        0.000!   !END!
3112 ! X =      635.555,     5862.37,     534.000,        0.000!   !END!
3113 ! X =      635.555,     5862.87,     534.000,        0.000!   !END!
3114 ! X =      635.555,     5863.37,     534.000,        0.000!   !END!
3115 ! X =      635.555,     5863.87,     543.077,        0.000!   !END!
3116 ! X =      635.555,     5864.37,     543.733,        0.000!   !END!
3117 ! X =      635.555,     5864.87,     538.675,        0.000!   !END!
3118 ! X =      635.555,     5865.37,     539.187,        0.000!   !END!
3119 ! X =      635.555,     5865.87,     550.102,        0.000!   !END!
3120 ! X =      635.555,     5866.37,     560.256,        0.000!   !END!
3121 ! X =      635.555,     5866.87,     584.022,        0.000!   !END!
3122 ! X =      635.555,     5867.37,     619.918,        0.000!   !END!
3123 ! X =      635.555,     5867.87,     665.614,        0.000!   !END!
3124 ! X =      635.555,     5868.37,     678.401,        0.000!   !END!
3125 ! X =      635.555,     5868.87,     716.557,        0.000!   !END!
3126 ! X =      635.555,     5869.37,     730.490,        0.000!   !END!
3127 ! X =      635.555,     5869.87,     719.160,        0.000!   !END!
3128 ! X =      635.555,     5870.37,     785.289,        0.000!   !END!
3129 ! X =      635.555,     5870.87,     813.316,        0.000!   !END!
3130 ! X =      635.555,     5871.37,     810.166,        0.000!   !END!
3131 ! X =      636.055,     5859.37,     546.356,        0.000!   !END!
3132 ! X =      636.055,     5859.87,     541.355,        0.000!   !END!
3133 ! X =      636.055,     5860.37,     534.000,        0.000!   !END!
3134 ! X =      636.055,     5860.87,     534.000,        0.000!   !END!
3135 ! X =      636.055,     5861.37,     534.000,        0.000!   !END!
3136 ! X =      636.055,     5861.87,     534.000,        0.000!   !END!
3137 ! X =      636.055,     5862.37,     534.000,        0.000!   !END!
3138 ! X =      636.055,     5862.87,     555.360,        0.000!   !END!
3139 ! X =      636.055,     5863.37,     579.456,        0.000!   !END!
3140 ! X =      636.055,     5863.87,     603.457,        0.000!   !END!
3141 ! X =      636.055,     5864.37,     548.767,        0.000!   !END!
3142 ! X =      636.055,     5864.87,     540.907,        0.000!   !END!
3143 ! X =      636.055,     5865.37,     532.984,        0.000!   !END!
3144 ! X =      636.055,     5865.87,     529.000,        0.000!   !END!
3145 ! X =      636.055,     5866.37,     545.001,        0.000!   !END!
3146 ! X =      636.055,     5866.87,     548.342,        0.000!   !END!
3147 ! X =      636.055,     5867.37,     575.718,        0.000!   !END!
3148 ! X =      636.055,     5867.87,     599.338,        0.000!   !END!
3149 ! X =      636.055,     5868.37,     623.204,        0.000!   !END!
3150 ! X =      636.055,     5868.87,     662.764,        0.000!   !END!
3151 ! X =      636.055,     5869.37,     704.063,        0.000!   !END!
3152 ! X =      636.055,     5869.87,     720.269,        0.000!   !END!
3153 ! X =      636.055,     5870.37,     727.579,        0.000!   !END!
3154 ! X =      636.055,     5870.87,     716.000,        0.000!   !END!
3155 ! X =      636.055,     5871.37,     747.848,        0.000!   !END!
3156 ! X =      636.555,     5859.37,     547.163,        0.000!   !END!
3157 ! X =      636.555,     5859.87,     534.000,        0.000!   !END!
3158 ! X =      636.555,     5860.37,     534.000,        0.000!   !END!
3159 ! X =      636.555,     5860.87,     534.000,        0.000!   !END!
3160 ! X =      636.555,     5861.37,     534.000,        0.000!   !END!
3161 ! X =      636.555,     5861.87,     534.000,        0.000!   !END!
3162 ! X =      636.555,     5862.37,     536.610,        0.000!   !END!
3163 ! X =      636.555,     5862.87,     541.545,        0.000!   !END!
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3164 ! X =        636.555,      5863.37,      601.250,         0.000!    !END!
3165 ! X =        636.555,      5863.87,      601.077,         0.000!    !END!
3166 ! X =        636.555,      5864.37,      567.088,         0.000!    !END!
3167 ! X =        636.555,      5864.87,      546.528,         0.000!    !END!
3168 ! X =        636.555,      5865.37,      536.838,         0.000!    !END!
3169 ! X =        636.555,      5865.87,      530.246,         0.000!    !END!
3170 ! X =        636.555,      5866.37,      529.000,         0.000!    !END!
3171 ! X =        636.555,      5866.87,      529.000,         0.000!    !END!
3172 ! X =        636.555,      5867.37,      548.869,         0.000!    !END!
3173 ! X =        636.555,      5867.87,      561.941,         0.000!    !END!
3174 ! X =        636.555,      5868.37,      573.785,         0.000!    !END!
3175 ! X =        636.555,      5868.87,      631.537,         0.000!    !END!
3176 ! X =        636.555,      5869.37,      705.893,         0.000!    !END!
3177 ! X =        636.555,      5869.87,      768.417,         0.000!    !END!
3178 ! X =        636.555,      5870.37,      739.139,         0.000!    !END!
3179 ! X =        636.555,      5870.87,      753.492,         0.000!    !END!
3180 ! X =        636.555,      5871.37,      722.586,         0.000!    !END!
3181 ! X =        637.055,      5859.37,      534.000,         0.000!    !END!
3182 ! X =        637.055,      5859.87,      534.000,         0.000!    !END!
3183 ! X =        637.055,      5860.37,      534.000,         0.000!    !END!
3184 ! X =        637.055,      5860.87,      534.000,         0.000!    !END!
3185 ! X =        637.055,      5861.37,      534.000,         0.000!    !END!
3186 ! X =        637.055,      5861.87,      534.887,         0.000!    !END!
3187 ! X =        637.055,      5862.37,      580.026,         0.000!    !END!
3188 ! X =        637.055,      5862.87,      555.013,         0.000!    !END!
3189 ! X =        637.055,      5863.37,      538.018,         0.000!    !END!
3190 ! X =        637.055,      5863.87,      618.336,         0.000!    !END!
3191 ! X =        637.055,      5864.37,      602.310,         0.000!    !END!
3192 ! X =        637.055,      5864.87,      590.632,         0.000!    !END!
3193 ! X =        637.055,      5865.37,      547.763,         0.000!    !END!
3194 ! X =        637.055,      5865.87,      537.820,         0.000!    !END!
3195 ! X =        637.055,      5866.37,      564.910,         0.000!    !END!
3196 ! X =        637.055,      5866.87,      529.045,         0.000!    !END!
3197 ! X =        637.055,      5867.37,      543.155,         0.000!    !END!
3198 ! X =        637.055,      5867.87,      551.215,         0.000!    !END!
3199 ! X =        637.055,      5868.37,      565.269,         0.000!    !END!
3200 ! X =        637.055,      5868.87,      618.155,         0.000!    !END!
3201 ! X =        637.055,      5869.37,      681.581,         0.000!    !END!
3202 ! X =        637.055,      5869.87,      706.556,         0.000!    !END!
3203 ! X =        637.055,      5870.37,      731.113,         0.000!    !END!
3204 ! X =        637.055,      5870.87,      757.937,         0.000!    !END!
3205 ! X =        637.055,      5871.37,      748.390,         0.000!    !END!
3206 ! X =        637.555,      5859.37,      534.000,         0.000!    !END!
3207 ! X =        637.555,      5859.87,      534.000,         0.000!    !END!
3208 ! X =        637.555,      5860.37,      534.000,         0.000!    !END!
3209 ! X =        637.555,      5860.87,      534.000,         0.000!    !END!
3210 ! X =        637.555,      5861.37,      534.151,         0.000!    !END!
3211 ! X =        637.555,      5861.87,      539.465,         0.000!    !END!
3212 ! X =        637.555,      5862.37,      593.422,         0.000!    !END!
3213 ! X =        637.555,      5862.87,      615.037,         0.000!    !END!
3214 ! X =        637.555,      5863.37,      573.527,         0.000!    !END!
3215 ! X =        637.555,      5863.87,      608.154,         0.000!    !END!
3216 ! X =        637.555,      5864.37,      626.777,         0.000!    !END!
3217 ! X =        637.555,      5864.87,      628.053,         0.000!    !END!
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3218 ! X =       637.555,    5865.37,    586.833,      0.000!   !END!
3219 ! X =       637.555,    5865.87,    526.232,      0.000!   !END!
3220 ! X =       637.555,    5866.37,    532.128,      0.000!   !END!
3221 ! X =       637.555,    5866.87,    543.573,      0.000!   !END!
3222 ! X =       637.555,    5867.37,    546.212,      0.000!   !END!
3223 ! X =       637.555,    5867.87,    543.133,      0.000!   !END!
3224 ! X =       637.555,    5868.37,    559.993,      0.000!   !END!
3225 ! X =       637.555,    5868.87,    610.962,      0.000!   !END!
3226 ! X =       637.555,    5869.37,    644.380,      0.000!   !END!
3227 ! X =       637.555,    5869.87,    687.331,      0.000!   !END!
3228 ! X =       637.555,    5870.37,    780.259,      0.000!   !END!
3229 ! X =       637.555,    5870.87,    788.952,      0.000!   !END!
3230 ! X =       637.555,    5871.37,    781.215,      0.000!   !END!
3231 ! X =       638.055,    5859.37,    534.000,      0.000!   !END!
3232 ! X =       638.055,    5859.87,    537.768,      0.000!   !END!
3233 ! X =       638.055,    5860.37,    538.502,      0.000!   !END!
3234 ! X =       638.055,    5860.87,    553.843,      0.000!   !END!
3235 ! X =       638.055,    5861.37,    594.373,      0.000!   !END!
3236 ! X =       638.055,    5861.87,    566.876,      0.000!   !END!
3237 ! X =       638.055,    5862.37,    570.046,      0.000!   !END!
3238 ! X =       638.055,    5862.87,    581.075,      0.000!   !END!
3239 ! X =       638.055,    5863.37,    613.599,      0.000!   !END!
3240 ! X =       638.055,    5863.87,    548.592,      0.000!   !END!
3241 ! X =       638.055,    5864.37,    624.067,      0.000!   !END!
3242 ! X =       638.055,    5864.87,    608.796,      0.000!   !END!
3243 ! X =       638.055,    5865.37,    659.259,      0.000!   !END!
3244 ! X =       638.055,    5865.87,    560.546,      0.000!   !END!
3245 ! X =       638.055,    5866.37,    525.000,      0.000!   !END!
3246 ! X =       638.055,    5866.87,    537.381,      0.000!   !END!
3247 ! X =       638.055,    5867.37,    547.949,      0.000!   !END!
3248 ! X =       638.055,    5867.87,    581.782,      0.000!   !END!
3249 ! X =       638.055,    5868.37,    562.617,      0.000!   !END!
3250 ! X =       638.055,    5868.87,    597.990,      0.000!   !END!
3251 ! X =       638.055,    5869.37,    668.075,      0.000!   !END!
3252 ! X =       638.055,    5869.87,    666.909,      0.000!   !END!
3253 ! X =       638.055,    5870.37,    686.533,      0.000!   !END!
3254 ! X =       638.055,    5870.87,    747.994,      0.000!   !END!
3255 ! X =       638.055,    5871.37,    812.944,      0.000!   !END!
3256 ! X =       638.555,    5859.37,    553.884,      0.000!   !END!
3257 ! X =       638.555,    5859.87,    557.006,      0.000!   !END!
3258 ! X =       638.555,    5860.37,    553.315,      0.000!   !END!
3259 ! X =       638.555,    5860.87,    590.766,      0.000!   !END!
3260 ! X =       638.555,    5861.37,    615.745,      0.000!   !END!
3261 ! X =       638.555,    5861.87,    577.210,      0.000!   !END!
3262 ! X =       638.555,    5862.37,    557.637,      0.000!   !END!
3263 ! X =       638.555,    5862.87,    576.061,      0.000!   !END!
3264 ! X =       638.555,    5863.37,    620.506,      0.000!   !END!
3265 ! X =       638.555,    5863.87,    576.127,      0.000!   !END!
3266 ! X =       638.555,    5864.37,    598.083,      0.000!   !END!
3267 ! X =       638.555,    5864.87,    595.864,      0.000!   !END!
3268 ! X =       638.555,    5865.37,    607.433,      0.000!   !END!
3269 ! X =       638.555,    5865.87,    544.495,      0.000!   !END!
3270 ! X =       638.555,    5866.37,    544.469,      0.000!   !END!
3271 ! X =       638.555,    5866.87,    532.455,      0.000!   !END!
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3272 ! X =      638.555,     5867.37,     575.769,      0.000!    !END!
3273 ! X =      638.555,     5867.87,     577.086,      0.000!    !END!
3274 ! X =      638.555,     5868.37,     556.625,      0.000!    !END!
3275 ! X =      638.555,     5868.87,     604.116,      0.000!    !END!
3276 ! X =      638.555,     5869.37,     690.811,      0.000!    !END!
3277 ! X =      638.555,     5869.87,     683.615,      0.000!    !END!
3278 ! X =      638.555,     5870.37,     709.890,      0.000!    !END!
3279 ! X =      638.555,     5870.87,     688.885,      0.000!    !END!
3280 ! X =      638.555,     5871.37,     733.430,      0.000!    !END!
3281 ! X =      639.055,     5859.37,     574.979,      0.000!    !END!
3282 ! X =      639.055,     5859.87,     563.947,      0.000!    !END!
3283 ! X =      639.055,     5860.37,     571.102,      0.000!    !END!
3284 ! X =      639.055,     5860.87,     590.472,      0.000!    !END!
3285 ! X =      639.055,     5861.37,     600.565,      0.000!    !END!
3286 ! X =      639.055,     5861.87,     601.670,      0.000!    !END!
3287 ! X =      639.055,     5862.37,     569.562,      0.000!    !END!
3288 ! X =      639.055,     5862.87,     590.000,      0.000!    !END!
3289 ! X =      639.055,     5863.37,     614.675,      0.000!    !END!
3290 ! X =      639.055,     5863.87,     616.077,      0.000!    !END!
3291 ! X =      639.055,     5864.37,     555.449,      0.000!    !END!
3292 ! X =      639.055,     5864.87,     602.357,      0.000!    !END!
3293 ! X =      639.055,     5865.37,     560.940,      0.000!    !END!
3294 ! X =      639.055,     5865.87,     545.863,      0.000!    !END!
3295 ! X =      639.055,     5866.37,     550.273,      0.000!    !END!
3296 ! X =      639.055,     5866.87,     531.948,      0.000!    !END!
3297 ! X =      639.055,     5867.37,     584.966,      0.000!    !END!
3298 ! X =      639.055,     5867.87,     570.640,      0.000!    !END!
3299 ! X =      639.055,     5868.37,     566.728,      0.000!    !END!
3300 ! X =      639.055,     5868.87,     601.844,      0.000!    !END!
3301 ! X =      639.055,     5869.37,     678.921,      0.000!    !END!
3302 ! X =      639.055,     5869.87,     656.820,      0.000!    !END!
3303 ! X =      639.055,     5870.37,     662.357,      0.000!    !END!
3304 ! X =      639.055,     5870.87,     696.026,      0.000!    !END!
3305 ! X =      639.055,     5871.37,     643.291,      0.000!    !END!
3306 ! X =      639.555,     5859.37,     573.644,      0.000!    !END!
3307 ! X =      639.555,     5859.87,     571.702,      0.000!    !END!
3308 ! X =      639.555,     5860.37,     576.012,      0.000!    !END!
3309 ! X =      639.555,     5860.87,     588.913,      0.000!    !END!
3310 ! X =      639.555,     5861.37,     590.238,      0.000!    !END!
3311 ! X =      639.555,     5861.87,     588.457,      0.000!    !END!
3312 ! X =      639.555,     5862.37,     599.972,      0.000!    !END!
3313 ! X =      639.555,     5862.87,     535.333,      0.000!    !END!
3314 ! X =      639.555,     5863.37,     551.185,      0.000!    !END!
3315 ! X =      639.555,     5863.87,     552.673,      0.000!    !END!
3316 ! X =      639.555,     5864.37,     512.737,      0.000!    !END!
3317 ! X =      639.555,     5864.87,     484.298,      0.000!    !END!
3318 ! X =      639.555,     5865.37,     583.998,      0.000!    !END!
3319 ! X =      639.555,     5865.87,     576.589,      0.000!    !END!
3320 ! X =      639.555,     5866.37,     537.295,      0.000!    !END!
3321 ! X =      639.555,     5866.87,     536.261,      0.000!    !END!
3322 ! X =      639.555,     5867.37,     545.146,      0.000!    !END!
3323 ! X =      639.555,     5867.87,     552.581,      0.000!    !END!
3324 ! X =      639.555,     5868.37,     567.076,      0.000!    !END!
3325 ! X =      639.555,     5868.87,     574.855,      0.000!    !END!
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3326 ! X =        639.555,     5869.37,      593.739,       0.000!   !END!
3327 ! X =        639.555,     5869.87,      597.069,       0.000!   !END!
3328 ! X =        639.555,     5870.37,      600.745,       0.000!   !END!
3329 ! X =        639.555,     5870.87,      601.054,       0.000!   !END!
3330 ! X =        639.555,     5871.37,      607.873,       0.000!   !END!
3331 ! X =        640.055,     5859.37,      571.362,       0.000!   !END!
3332 ! X =        640.055,     5859.87,      578.199,       0.000!   !END!
3333 ! X =        640.055,     5860.37,      579.426,       0.000!   !END!
3334 ! X =        640.055,     5860.87,      583.979,       0.000!   !END!
3335 ! X =        640.055,     5861.37,      606.564,       0.000!   !END!
3336 ! X =        640.055,     5861.87,      588.805,       0.000!   !END!
3337 ! X =        640.055,     5862.37,      596.045,       0.000!   !END!
3338 ! X =        640.055,     5862.87,      555.990,       0.000!   !END!
3339 ! X =        640.055,     5863.37,      547.672,       0.000!   !END!
3340 ! X =        640.055,     5863.87,      555.865,       0.000!   !END!
3341 ! X =        640.055,     5864.37,      494.541,       0.000!   !END!
3342 ! X =        640.055,     5864.87,      563.949,       0.000!   !END!
3343 ! X =        640.055,     5865.37,      578.245,       0.000!   !END!
3344 ! X =        640.055,     5865.87,      526.804,       0.000!   !END!
3345 ! X =        640.055,     5866.37,      524.974,       0.000!   !END!
3346 ! X =        640.055,     5866.87,      534.130,       0.000!   !END!
3347 ! X =        640.055,     5867.37,      537.232,       0.000!   !END!
3348 ! X =        640.055,     5867.87,      550.523,       0.000!   !END!
3349 ! X =        640.055,     5868.37,      567.908,       0.000!   !END!
3350 ! X =        640.055,     5868.87,      547.359,       0.000!   !END!
3351 ! X =        640.055,     5869.37,      537.249,       0.000!   !END!
3352 ! X =        640.055,     5869.87,      539.492,       0.000!   !END!
3353 ! X =        640.055,     5870.37,      556.563,       0.000!   !END!
3354 ! X =        640.055,     5870.87,      610.764,       0.000!   !END!
3355 ! X =        640.055,     5871.37,      647.614,       0.000!   !END!
3356 ! X =        640.555,     5859.37,      573.861,       0.000!   !END!
3357 ! X =        640.555,     5859.87,      571.000,       0.000!   !END!
3358 ! X =        640.555,     5860.37,      587.777,       0.000!   !END!
3359 ! X =        640.555,     5860.87,      615.981,       0.000!   !END!
3360 ! X =        640.555,     5861.37,      634.930,       0.000!   !END!
3361 ! X =        640.555,     5861.87,      611.775,       0.000!   !END!
3362 ! X =        640.555,     5862.37,      558.688,       0.000!   !END!
3363 ! X =        640.555,     5862.87,      547.092,       0.000!   !END!
3364 ! X =        640.555,     5863.37,      540.263,       0.000!   !END!
3365 ! X =        640.555,     5863.87,      561.599,       0.000!   !END!
3366 ! X =        640.555,     5864.37,      570.849,       0.000!   !END!
3367 ! X =        640.555,     5864.87,      520.369,       0.000!   !END!
3368 ! X =        640.555,     5865.37,      510.230,       0.000!   !END!
3369 ! X =        640.555,     5865.87,      524.000,       0.000!   !END!
3370 ! X =        640.555,     5866.37,      524.000,       0.000!   !END!
3371 ! X =        640.555,     5866.87,      524.000,       0.000!   !END!
3372 ! X =        640.555,     5867.37,      534.854,       0.000!   !END!
3373 ! X =        640.555,     5867.87,      537.324,       0.000!   !END!
3374 ! X =        640.555,     5868.37,      545.651,       0.000!   !END!
3375 ! X =        640.555,     5868.87,      538.761,       0.000!   !END!
3376 ! X =        640.555,     5869.37,      549.986,       0.000!   !END!
3377 ! X =        640.555,     5869.87,      557.244,       0.000!   !END!
3378 ! X =        640.555,     5870.37,      548.247,       0.000!   !END!
3379 ! X =        640.555,     5870.87,      549.908,       0.000!   !END!
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3380 ! X =      640.555,    5871.37,    584.445,      0.000!   !END!
3381 ! X =      641.055,    5859.37,    599.873,      0.000!   !END!
3382 ! X =      641.055,    5859.87,    587.653,      0.000!   !END!
3383 ! X =      641.055,    5860.37,    599.759,      0.000!   !END!
3384 ! X =      641.055,    5860.87,    644.280,      0.000!   !END!
3385 ! X =      641.055,    5861.37,    660.073,      0.000!   !END!
3386 ! X =      641.055,    5861.87,    623.899,      0.000!   !END!
3387 ! X =      641.055,    5862.37,    586.768,      0.000!   !END!
3388 ! X =      641.055,    5862.87,    553.097,      0.000!   !END!
3389 ! X =      641.055,    5863.37,    538.721,      0.000!   !END!
3390 ! X =      641.055,    5863.87,    543.269,      0.000!   !END!
3391 ! X =      641.055,    5864.37,    551.675,      0.000!   !END!
3392 ! X =      641.055,    5864.87,    537.223,      0.000!   !END!
3393 ! X =      641.055,    5865.37,    537.686,      0.000!   !END!
3394 ! X =      641.055,    5865.87,    524.000,      0.000!   !END!
3395 ! X =      641.055,    5866.37,    524.000,      0.000!   !END!
3396 ! X =      641.055,    5866.87,    524.000,      0.000!   !END!
3397 ! X =      641.055,    5867.37,    524.000,      0.000!   !END!
3398 ! X =      641.055,    5867.87,    526.314,      0.000!   !END!
3399 ! X =      641.055,    5868.37,    536.414,      0.000!   !END!
3400 ! X =      641.055,    5868.87,    553.245,      0.000!   !END!
3401 ! X =      641.055,    5869.37,    582.345,      0.000!   !END!
3402 ! X =      641.055,    5869.87,    619.605,      0.000!   !END!
3403 ! X =      641.055,    5870.37,    622.638,      0.000!   !END!
3404 ! X =      641.055,    5870.87,    541.768,      0.000!   !END!
3405 ! X =      641.055,    5871.37,    562.835,      0.000!   !END!
3406 ! X =      641.555,    5859.37,    612.096,      0.000!   !END!
3407 ! X =      641.555,    5859.87,    603.447,      0.000!   !END!
3408 ! X =      641.555,    5860.37,    605.163,      0.000!   !END!
3409 ! X =      641.555,    5860.87,    654.659,      0.000!   !END!
3410 ! X =      641.555,    5861.37,    674.974,      0.000!   !END!
3411 ! X =      641.555,    5861.87,    647.886,      0.000!   !END!
3412 ! X =      641.555,    5862.37,    626.456,      0.000!   !END!
3413 ! X =      641.555,    5862.87,    582.257,      0.000!   !END!
3414 ! X =      641.555,    5863.37,    554.877,      0.000!   !END!
3415 ! X =      641.555,    5863.87,    540.187,      0.000!   !END!
3416 ! X =      641.555,    5864.37,    544.230,      0.000!   !END!
3417 ! X =      641.555,    5864.87,    548.338,      0.000!   !END!
3418 ! X =      641.555,    5865.37,    531.889,      0.000!   !END!
3419 ! X =      641.555,    5865.87,    526.271,      0.000!   !END!
3420 ! X =      641.555,    5866.37,    524.000,      0.000!   !END!
3421 ! X =      641.555,    5866.87,    524.000,      0.000!   !END!
3422 ! X =      641.555,    5867.37,    524.000,      0.000!   !END!
3423 ! X =      641.555,    5867.87,    532.948,      0.000!   !END!
3424 ! X =      641.555,    5868.37,    542.940,      0.000!   !END!
3425 ! X =      641.555,    5868.87,    546.043,      0.000!   !END!
3426 ! X =      641.555,    5869.37,    548.230,      0.000!   !END!
3427 ! X =      641.555,    5869.87,    574.887,      0.000!   !END!
3428 ! X =      641.555,    5870.37,    581.448,      0.000!   !END!
3429 ! X =      641.555,    5870.87,    579.187,      0.000!   !END!
3430 ! X =      641.555,    5871.37,    539.815,      0.000!   !END!
3431 ! X =      642.055,    5859.37,    607.122,      0.000!   !END!
3432 ! X =      642.055,    5859.87,    618.797,      0.000!   !END!
3433 ! X =      642.055,    5860.37,    619.357,      0.000!   !END!
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3434 ! X =        642.055,      5860.87,      657.259,        0.000!    !END!
3435 ! X =        642.055,      5861.37,      665.970,        0.000!    !END!
3436 ! X =        642.055,      5861.87,      641.513,        0.000!    !END!
3437 ! X =        642.055,      5862.37,      622.108,        0.000!    !END!
3438 ! X =        642.055,      5862.87,      577.578,        0.000!    !END!
3439 ! X =        642.055,      5863.37,      550.717,        0.000!    !END!
3440 ! X =        642.055,      5863.87,      538.557,        0.000!    !END!
3441 ! X =        642.055,      5864.37,      538.993,        0.000!    !END!
3442 ! X =        642.055,      5864.87,      536.739,        0.000!    !END!
3443 ! X =        642.055,      5865.37,      543.494,        0.000!    !END!
3444 ! X =        642.055,      5865.87,      540.366,        0.000!    !END!
3445 ! X =        642.055,      5866.37,      532.239,        0.000!    !END!
3446 ! X =        642.055,      5866.87,      536.854,        0.000!    !END!
3447 ! X =        642.055,      5867.37,      529.103,        0.000!    !END!
3448 ! X =        642.055,      5867.87,      524.000,        0.000!    !END!
3449 ! X =        642.055,      5868.37,      524.325,        0.000!    !END!
3450 ! X =        642.055,      5868.87,      524.000,        0.000!    !END!
3451 ! X =        642.055,      5869.37,      531.738,        0.000!    !END!
3452 ! X =        642.055,      5869.87,      529.186,        0.000!    !END!
3453 ! X =        642.055,      5870.37,      535.159,        0.000!    !END!
3454 ! X =        642.055,      5870.87,      563.620,        0.000!    !END!
3455 ! X =        642.055,      5871.37,      575.898,        0.000!    !END!
3456 ! X =        642.555,      5859.37,      611.195,        0.000!    !END!
3457 ! X =        642.555,      5859.87,      633.016,        0.000!    !END!
3458 ! X =        642.555,      5860.37,      625.857,        0.000!    !END!
3459 ! X =        642.555,      5860.87,      631.531,        0.000!    !END!
3460 ! X =        642.555,      5861.37,      593.614,        0.000!    !END!
3461 ! X =        642.555,      5861.87,      567.385,        0.000!    !END!
3462 ! X =        642.555,      5862.37,      542.031,        0.000!    !END!
3463 ! X =        642.555,      5862.87,      536.847,        0.000!    !END!
3464 ! X =        642.555,      5863.37,      533.000,        0.000!    !END!
3465 ! X =        642.555,      5863.87,      534.559,        0.000!    !END!
3466 ! X =        642.555,      5864.37,      547.044,        0.000!    !END!
3467 ! X =        642.555,      5864.87,      547.008,        0.000!    !END!
3468 ! X =        642.555,      5865.37,      551.509,        0.000!    !END!
3469 ! X =        642.555,      5865.87,      546.326,        0.000!    !END!
3470 ! X =        642.555,      5866.37,      536.607,        0.000!    !END!
3471 ! X =        642.555,      5866.87,      533.408,        0.000!    !END!
3472 ! X =        642.555,      5867.37,      525.752,        0.000!    !END!
3473 ! X =        642.555,      5867.87,      524.000,        0.000!    !END!
3474 ! X =        642.555,      5868.37,      524.000,        0.000!    !END!
3475 ! X =        642.555,      5868.87,      524.000,        0.000!    !END!
3476 ! X =        642.555,      5869.37,      524.000,        0.000!    !END!
3477 ! X =        642.555,      5869.87,      531.274,        0.000!    !END!
3478 ! X =        642.555,      5870.37,      532.115,        0.000!    !END!
3479 ! X =        642.555,      5870.87,      546.194,        0.000!    !END!
3480 ! X =        642.555,      5871.37,      549.179,        0.000!    !END!
3481 ! X =        643.055,      5859.37,      597.629,        0.000!    !END!
3482 ! X =        643.055,      5859.87,      594.271,        0.000!    !END!
3483 ! X =        643.055,      5860.37,      590.528,        0.000!    !END!
3484 ! X =        643.055,      5860.87,      552.147,        0.000!    !END!
3485 ! X =        643.055,      5861.37,      550.053,        0.000!    !END!
3486 ! X =        643.055,      5861.87,      534.017,        0.000!    !END!
3487 ! X =        643.055,      5862.37,      534.000,        0.000!    !END!
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3488 ! X =        643.055,       5862.87,       534.000,        0.000!    !END!
3489 ! X =        643.055,       5863.37,       544.208,        0.000!    !END!
3490 ! X =        643.055,       5863.87,       556.336,        0.000!    !END!
3491 ! X =        643.055,       5864.37,       566.717,        0.000!    !END!
3492 ! X =        643.055,       5864.87,       551.411,        0.000!    !END!
3493 ! X =        643.055,       5865.37,       550.760,        0.000!    !END!
3494 ! X =        643.055,       5865.87,       549.079,        0.000!    !END!
3495 ! X =        643.055,       5866.37,       544.824,        0.000!    !END!
3496 ! X =        643.055,       5866.87,       534.437,        0.000!    !END!
3497 ! X =        643.055,       5867.37,       526.982,        0.000!    !END!
3498 ! X =        643.055,       5867.87,       524.000,        0.000!    !END!
3499 ! X =        643.055,       5868.37,       524.000,        0.000!    !END!
3500 ! X =        643.055,       5868.87,       524.000,        0.000!    !END!
3501 ! X =        643.055,       5869.37,       524.000,        0.000!    !END!
3502 ! X =        643.055,       5869.87,       524.000,        0.000!    !END!
3503 ! X =        643.055,       5870.37,       524.000,        0.000!    !END!
3504 ! X =        643.055,       5870.87,       543.478,        0.000!    !END!
3505 ! X =        643.055,       5871.37,       548.906,        0.000!    !END!
3506 ! X =        643.555,       5859.37,       581.023,        0.000!    !END!
3507 ! X =        643.555,       5859.87,       575.830,        0.000!    !END!
3508 ! X =        643.555,       5860.37,       541.399,        0.000!    !END!
3509 ! X =        643.555,       5860.87,       548.013,        0.000!    !END!
3510 ! X =        643.555,       5861.37,       558.228,        0.000!    !END!
3511 ! X =        643.555,       5861.87,       534.328,        0.000!    !END!
3512 ! X =        643.555,       5862.37,       556.212,        0.000!    !END!
3513 ! X =        643.555,       5862.87,       573.243,        0.000!    !END!
3514 ! X =        643.555,       5863.37,       587.806,        0.000!    !END!
3515 ! X =        643.555,       5863.87,       572.633,        0.000!    !END!
3516 ! X =        643.555,       5864.37,       555.440,        0.000!    !END!
3517 ! X =        643.555,       5864.87,       551.147,        0.000!    !END!
3518 ! X =        643.555,       5865.37,       548.879,        0.000!    !END!
3519 ! X =        643.555,       5865.87,       546.330,        0.000!    !END!
3520 ! X =        643.555,       5866.37,       539.891,        0.000!    !END!
3521 ! X =        643.555,       5866.87,       535.983,        0.000!    !END!
3522 ! X =        643.555,       5867.37,       532.099,        0.000!    !END!
3523 ! X =        643.555,       5867.87,       524.000,        0.000!    !END!
3524 ! X =        643.555,       5868.37,       524.000,        0.000!    !END!
3525 ! X =        643.555,       5868.87,       524.000,        0.000!    !END!
3526 ! X =        643.555,       5869.37,       524.000,        0.000!    !END!
3527 ! X =        643.555,       5869.87,       524.682,        0.000!    !END!
3528 ! X =        643.555,       5870.37,       524.000,        0.000!    !END!
3529 ! X =        643.555,       5870.87,       525.990,        0.000!    !END!
3530 ! X =        643.555,       5871.37,       532.829,        0.000!    !END!
3531 ! X =        644.055,       5859.37,       561.402,        0.000!    !END!
3532 ! X =        644.055,       5859.87,       557.065,        0.000!    !END!
3533 ! X =        644.055,       5860.37,       538.000,        0.000!    !END!
3534 ! X =        644.055,       5860.87,       538.185,        0.000!    !END!
3535 ! X =        644.055,       5861.37,       549.437,        0.000!    !END!
3536 ! X =        644.055,       5861.87,       570.933,        0.000!    !END!
3537 ! X =        644.055,       5862.37,       577.371,        0.000!    !END!
3538 ! X =        644.055,       5862.87,       578.215,        0.000!    !END!
3539 ! X =        644.055,       5863.37,       559.437,        0.000!    !END!
3540 ! X =        644.055,       5863.87,       557.650,        0.000!    !END!
3541 ! X =        644.055,       5864.37,       548.514,        0.000!    !END!
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3542 ! X =      644.055,     5864.87,     548.071,      0.000!   !END!
3543 ! X =      644.055,     5865.37,     542.376,      0.000!   !END!
3544 ! X =      644.055,     5865.87,     540.743,      0.000!   !END!
3545 ! X =      644.055,     5866.37,     538.132,      0.000!   !END!
3546 ! X =      644.055,     5866.87,     543.010,      0.000!   !END!
3547 ! X =      644.055,     5867.37,     543.670,      0.000!   !END!
3548 ! X =      644.055,     5867.87,     543.185,      0.000!   !END!
3549 ! X =      644.055,     5868.37,     535.051,      0.000!   !END!
3550 ! X =      644.055,     5868.87,     571.182,      0.000!   !END!
3551 ! X =      644.055,     5869.37,     617.258,      0.000!   !END!
3552 ! X =      644.055,     5869.87,     666.283,      0.000!   !END!
3553 ! X =      644.055,     5870.37,     635.388,      0.000!   !END!
3554 ! X =      644.055,     5870.87,     534.795,      0.000!   !END!
3555 ! X =      644.055,     5871.37,     524.000,      0.000!   !END!
3556 ! X =      644.555,     5859.37,     541.048,      0.000!   !END!
3557 ! X =      644.555,     5859.87,     538.000,      0.000!   !END!
3558 ! X =      644.555,     5860.37,     538.000,      0.000!   !END!
3559 ! X =      644.555,     5860.87,     541.855,      0.000!   !END!
3560 ! X =      644.555,     5861.37,     557.364,      0.000!   !END!
3561 ! X =      644.555,     5861.87,     559.087,      0.000!   !END!
3562 ! X =      644.555,     5862.37,     552.638,      0.000!   !END!
3563 ! X =      644.555,     5862.87,     548.503,      0.000!   !END!
3564 ! X =      644.555,     5863.37,     551.578,      0.000!   !END!
3565 ! X =      644.555,     5863.87,     545.704,      0.000!   !END!
3566 ! X =      644.555,     5864.37,     547.190,      0.000!   !END!
3567 ! X =      644.555,     5864.87,     545.035,      0.000!   !END!
3568 ! X =      644.555,     5865.37,     541.979,      0.000!   !END!
3569 ! X =      644.555,     5865.87,     545.749,      0.000!   !END!
3570 ! X =      644.555,     5866.37,     547.259,      0.000!   !END!
3571 ! X =      644.555,     5866.87,     547.655,      0.000!   !END!
3572 ! X =      644.555,     5867.37,     542.022,      0.000!   !END!
3573 ! X =      644.555,     5867.87,     543.440,      0.000!   !END!
3574 ! X =      644.555,     5868.37,     563.529,      0.000!   !END!
3575 ! X =      644.555,     5868.87,     591.842,      0.000!   !END!
3576 ! X =      644.555,     5869.37,     631.530,      0.000!   !END!
3577 ! X =      644.555,     5869.87,     624.196,      0.000!   !END!
3578 ! X =      644.555,     5870.37,     567.473,      0.000!   !END!
3579 ! X =      644.555,     5870.87,     533.039,      0.000!   !END!
3580 ! X =      644.555,     5871.37,     531.758,      0.000!   !END!
3581 ! X =      645.055,     5859.37,     538.000,      0.000!   !END!
3582 ! X =      645.055,     5859.87,     542.004,      0.000!   !END!
3583 ! X =      645.055,     5860.37,     538.000,      0.000!   !END!
3584 ! X =      645.055,     5860.87,     540.482,      0.000!   !END!
3585 ! X =      645.055,     5861.37,     545.078,      0.000!   !END!
3586 ! X =      645.055,     5861.87,     538.000,      0.000!   !END!
3587 ! X =      645.055,     5862.37,     538.000,      0.000!   !END!
3588 ! X =      645.055,     5862.87,     538.000,      0.000!   !END!
3589 ! X =      645.055,     5863.37,     538.000,      0.000!   !END!
3590 ! X =      645.055,     5863.87,     545.673,      0.000!   !END!
3591 ! X =      645.055,     5864.37,     552.063,      0.000!   !END!
3592 ! X =      645.055,     5864.87,     580.635,      0.000!   !END!
3593 ! X =      645.055,     5865.37,     567.801,      0.000!   !END!
3594 ! X =      645.055,     5865.87,     563.364,      0.000!   !END!
3595 ! X =      645.055,     5866.37,     550.718,      0.000!   !END!
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3596 ! X =      645.055,     5866.87,     539.606,      0.000!    !END!
3597 ! X =      645.055,     5867.37,     541.978,      0.000!    !END!
3598 ! X =      645.055,     5867.87,     540.074,      0.000!    !END!
3599 ! X =      645.055,     5868.37,     557.061,      0.000!    !END!
3600 ! X =      645.055,     5868.87,     579.782,      0.000!    !END!
3601 ! X =      645.055,     5869.37,     573.467,      0.000!    !END!
3602 ! X =      645.055,     5869.87,     557.553,      0.000!    !END!
3603 ! X =      645.055,     5870.37,     542.556,      0.000!    !END!
3604 ! X =      645.055,     5870.87,     542.617,      0.000!    !END!
3605 ! X =      645.055,     5871.37,     532.504,      0.000!    !END!
3606 ! X =      645.555,     5859.37,     542.169,      0.000!    !END!
3607 ! X =      645.555,     5859.87,     538.000,      0.000!    !END!
3608 ! X =      645.555,     5860.37,     538.000,      0.000!    !END!
3609 ! X =      645.555,     5860.87,     538.000,      0.000!    !END!
3610 ! X =      645.555,     5861.37,     538.000,      0.000!    !END!
3611 ! X =      645.555,     5861.87,     545.211,      0.000!    !END!
3612 ! X =      645.555,     5862.37,     564.177,      0.000!    !END!
3613 ! X =      645.555,     5862.87,     552.250,      0.000!    !END!
3614 ! X =      645.555,     5863.37,     543.183,      0.000!    !END!
3615 ! X =      645.555,     5863.87,     555.121,      0.000!    !END!
3616 ! X =      645.555,     5864.37,     575.468,      0.000!    !END!
3617 ! X =      645.555,     5864.87,     582.008,      0.000!    !END!
3618 ! X =      645.555,     5865.37,     573.000,      0.000!    !END!
3619 ! X =      645.555,     5865.87,     556.757,      0.000!    !END!
3620 ! X =      645.555,     5866.37,     550.329,      0.000!    !END!
3621 ! X =      645.555,     5866.87,     543.343,      0.000!    !END!
3622 ! X =      645.555,     5867.37,     546.339,      0.000!    !END!
3623 ! X =      645.555,     5867.87,     556.565,      0.000!    !END!
3624 ! X =      645.555,     5868.37,     568.143,      0.000!    !END!
3625 ! X =      645.555,     5868.87,     571.383,      0.000!    !END!
3626 ! X =      645.555,     5869.37,     547.726,      0.000!    !END!
3627 ! X =      645.555,     5869.87,     536.000,      0.000!    !END!
3628 ! X =      645.555,     5870.37,     540.165,      0.000!    !END!
3629 ! X =      645.555,     5870.87,     537.628,      0.000!    !END!
3630 ! X =      645.555,     5871.37,     536.235,      0.000!    !END!
3631 ! X =      646.055,     5859.37,     538.000,      0.000!    !END!
3632 ! X =      646.055,     5859.87,     544.324,      0.000!    !END!
3633 ! X =      646.055,     5860.37,     562.548,      0.000!    !END!
3634 ! X =      646.055,     5860.87,     559.670,      0.000!    !END!
3635 ! X =      646.055,     5861.37,     567.880,      0.000!    !END!
3636 ! X =      646.055,     5861.87,     567.000,      0.000!    !END!
3637 ! X =      646.055,     5862.37,     566.552,      0.000!    !END!
3638 ! X =      646.055,     5862.87,     563.054,      0.000!    !END!
3639 ! X =      646.055,     5863.37,     556.399,      0.000!    !END!
3640 ! X =      646.055,     5863.87,     560.991,      0.000!    !END!
3641 ! X =      646.055,     5864.37,     570.757,      0.000!    !END!
3642 ! X =      646.055,     5864.87,     578.842,      0.000!    !END!
3643 ! X =      646.055,     5865.37,     567.622,      0.000!    !END!
3644 ! X =      646.055,     5865.87,     555.674,      0.000!    !END!
3645 ! X =      646.055,     5866.37,     546.994,      0.000!    !END!
3646 ! X =      646.055,     5866.87,     541.591,      0.000!    !END!
3647 ! X =      646.055,     5867.37,     537.000,      0.000!    !END!
3648 ! X =      646.055,     5867.87,     544.762,      0.000!    !END!
3649 ! X =      646.055,     5868.37,     546.861,      0.000!    !END!
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3650 ! X =      646.055,     5868.87,     536.000,      0.000!   !END!
3651 ! X =      646.055,     5869.37,     537.751,      0.000!   !END!
3652 ! X =      646.055,     5869.87,     546.974,      0.000!   !END!
3653 ! X =      646.055,     5870.37,     556.932,      0.000!   !END!
3654 ! X =      646.055,     5870.87,     549.787,      0.000!   !END!
3655 ! X =      646.055,     5871.37,     543.959,      0.000!   !END!
3656 ! X =      646.555,     5859.37,     538.000,      0.000!   !END!
3657 ! X =      646.555,     5859.87,     544.470,      0.000!   !END!
3658 ! X =      646.555,     5860.37,     557.767,      0.000!   !END!
3659 ! X =      646.555,     5860.87,     576.004,      0.000!   !END!
3660 ! X =      646.555,     5861.37,     570.748,      0.000!   !END!
3661 ! X =      646.555,     5861.87,     564.876,      0.000!   !END!
3662 ! X =      646.555,     5862.37,     554.659,      0.000!   !END!
3663 ! X =      646.555,     5862.87,     553.493,      0.000!   !END!
3664 ! X =      646.555,     5863.37,     559.038,      0.000!   !END!
3665 ! X =      646.555,     5863.87,     555.459,      0.000!   !END!
3666 ! X =      646.555,     5864.37,     560.336,      0.000!   !END!
3667 ! X =      646.555,     5864.87,     563.425,      0.000!   !END!
3668 ! X =      646.555,     5865.37,     558.774,      0.000!   !END!
3669 ! X =      646.555,     5865.87,     548.970,      0.000!   !END!
3670 ! X =      646.555,     5866.37,     542.586,      0.000!   !END!
3671 ! X =      646.555,     5866.87,     537.000,      0.000!   !END!
3672 ! X =      646.555,     5867.37,     537.000,      0.000!   !END!
3673 ! X =      646.555,     5867.87,     537.783,      0.000!   !END!
3674 ! X =      646.555,     5868.37,     551.733,      0.000!   !END!
3675 ! X =      646.555,     5868.87,     563.686,      0.000!   !END!
3676 ! X =      646.555,     5869.37,     570.383,      0.000!   !END!
3677 ! X =      646.555,     5869.87,     572.015,      0.000!   !END!
3678 ! X =      646.555,     5870.37,     571.698,      0.000!   !END!
3679 ! X =      646.555,     5870.87,     567.321,      0.000!   !END!
3680 ! X =      646.555,     5871.37,     571.783,      0.000!   !END!
3681 ! X =      647.055,     5859.37,     557.254,      0.000!   !END!
3682 ! X =      647.055,     5859.87,     557.699,      0.000!   !END!
3683 ! X =      647.055,     5860.37,     561.507,      0.000!   !END!
3684 ! X =      647.055,     5860.87,     584.107,      0.000!   !END!
3685 ! X =      647.055,     5861.37,     579.116,      0.000!   !END!
3686 ! X =      647.055,     5861.87,     584.389,      0.000!   !END!
3687 ! X =      647.055,     5862.37,     575.063,      0.000!   !END!
3688 ! X =      647.055,     5862.87,     576.425,      0.000!   !END!
3689 ! X =      647.055,     5863.37,     562.720,      0.000!   !END!
3690 ! X =      647.055,     5863.87,     551.669,      0.000!   !END!
3691 ! X =      647.055,     5864.37,     549.913,      0.000!   !END!
3692 ! X =      647.055,     5864.87,     551.584,      0.000!   !END!
3693 ! X =      647.055,     5865.37,     547.253,      0.000!   !END!
3694 ! X =      647.055,     5865.87,     542.055,      0.000!   !END!
3695 ! X =      647.055,     5866.37,     537.000,      0.000!   !END!
3696 ! X =      647.055,     5866.87,     537.000,      0.000!   !END!
3697 ! X =      647.055,     5867.37,     537.739,      0.000!   !END!
3698 ! X =      647.055,     5867.87,     543.937,      0.000!   !END!
3699 ! X =      647.055,     5868.37,     554.451,      0.000!   !END!
3700 ! X =      647.055,     5868.87,     568.984,      0.000!   !END!
3701 ! X =      647.055,     5869.37,     565.607,      0.000!   !END!
3702 ! X =      647.055,     5869.87,     555.131,      0.000!   !END!
3703 ! X =      647.055,     5870.37,     562.669,      0.000!   !END!
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3704 ! X =      647.055,    5870.87,    577.064,    0.000!   !END!
3705 ! X =      647.055,    5871.37,    582.949,    0.000!   !END!
3706 ! X =      647.555,    5859.37,    564.600,    0.000!   !END!
3707 ! X =      647.555,    5859.87,    576.595,    0.000!   !END!
3708 ! X =      647.555,    5860.37,    584.133,    0.000!   !END!
3709 ! X =      647.555,    5860.87,    586.163,    0.000!   !END!
3710 ! X =      647.555,    5861.37,    578.872,    0.000!   !END!
3711 ! X =      647.555,    5861.87,    554.426,    0.000!   !END!
3712 ! X =      647.555,    5862.37,    549.867,    0.000!   !END!
3713 ! X =      647.555,    5862.87,    553.863,    0.000!   !END!
3714 ! X =      647.555,    5863.37,    550.971,    0.000!   !END!
3715 ! X =      647.555,    5863.87,    546.165,    0.000!   !END!
3716 ! X =      647.555,    5864.37,    543.404,    0.000!   !END!
3717 ! X =      647.555,    5864.87,    544.227,    0.000!   !END!
3718 ! X =      647.555,    5865.37,    541.389,    0.000!   !END!
3719 ! X =      647.555,    5865.87,    537.000,    0.000!   !END!
3720 ! X =      647.555,    5866.37,    537.000,    0.000!   !END!
3721 ! X =      647.555,    5866.87,    537.000,    0.000!   !END!
3722 ! X =      647.555,    5867.37,    541.836,    0.000!   !END!
3723 ! X =      647.555,    5867.87,    537.000,    0.000!   !END!
3724 ! X =      647.555,    5868.37,    552.061,    0.000!   !END!
3725 ! X =      647.555,    5868.87,    557.960,    0.000!   !END!
3726 ! X =      647.555,    5869.37,    548.310,    0.000!   !END!
3727 ! X =      647.555,    5869.87,    549.187,    0.000!   !END!
3728 ! X =      647.555,    5870.37,    568.928,    0.000!   !END!
3729 ! X =      647.555,    5870.87,    576.537,    0.000!   !END!
3730 ! X =      647.555,    5871.37,    615.780,    0.000!   !END!
3731 ! X =      648.055,    5859.37,    584.815,    0.000!   !END!
3732 ! X =      648.055,    5859.87,    594.858,    0.000!   !END!
3733 ! X =      648.055,    5860.37,    602.521,    0.000!   !END!
3734 ! X =      648.055,    5860.87,    549.927,    0.000!   !END!
3735 ! X =      648.055,    5861.37,    541.000,    0.000!   !END!
3736 ! X =      648.055,    5861.87,    541.000,    0.000!   !END!
3737 ! X =      648.055,    5862.37,    541.000,    0.000!   !END!
3738 ! X =      648.055,    5862.87,    541.000,    0.000!   !END!
3739 ! X =      648.055,    5863.37,    541.000,    0.000!   !END!
3740 ! X =      648.055,    5863.87,    541.000,    0.000!   !END!
3741 ! X =      648.055,    5864.37,    543.657,    0.000!   !END!
3742 ! X =      648.055,    5864.87,    542.925,    0.000!   !END!
3743 ! X =      648.055,    5865.37,    537.000,    0.000!   !END!
3744 ! X =      648.055,    5865.87,    538.863,    0.000!   !END!
3745 ! X =      648.055,    5866.37,    537.289,    0.000!   !END!
3746 ! X =      648.055,    5866.87,    537.000,    0.000!   !END!
3747 ! X =      648.055,    5867.37,    537.000,    0.000!   !END!
3748 ! X =      648.055,    5867.87,    537.338,    0.000!   !END!
3749 ! X =      648.055,    5868.37,    542.043,    0.000!   !END!
3750 ! X =      648.055,    5868.87,    537.000,    0.000!   !END!
3751 ! X =      648.055,    5869.37,    538.025,    0.000!   !END!
3752 ! X =      648.055,    5869.87,    557.743,    0.000!   !END!
3753 ! X =      648.055,    5870.37,    551.744,    0.000!   !END!
3754 ! X =      648.055,    5870.87,    573.258,    0.000!   !END!
3755 ! X =      648.055,    5871.37,    589.780,    0.000!   !END!
3756 ! X =      648.555,    5859.37,    593.387,    0.000!   !END!
3757 ! X =      648.555,    5859.87,    580.778,    0.000!   !END!
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3758 ! X =        648.555,      5860.37,      543.526,       0.000!   !END!
3759 ! X =        648.555,      5860.87,      541.000,       0.000!   !END!
3760 ! X =        648.555,      5861.37,      541.241,       0.000!   !END!
3761 ! X =        648.555,      5861.87,      546.670,       0.000!   !END!
3762 ! X =        648.555,      5862.37,      565.640,       0.000!   !END!
3763 ! X =        648.555,      5862.87,      548.192,       0.000!   !END!
3764 ! X =        648.555,      5863.37,      549.796,       0.000!   !END!
3765 ! X =        648.555,      5863.87,      552.347,       0.000!   !END!
3766 ! X =        648.555,      5864.37,      556.655,       0.000!   !END!
3767 ! X =        648.555,      5864.87,      558.237,       0.000!   !END!
3768 ! X =        648.555,      5865.37,      551.000,       0.000!   !END!
3769 ! X =        648.555,      5865.87,      537.999,       0.000!   !END!
3770 ! X =        648.555,      5866.37,      537.000,       0.000!   !END!
3771 ! X =        648.555,      5866.87,      537.000,       0.000!   !END!
3772 ! X =        648.555,      5867.37,      537.000,       0.000!   !END!
3773 ! X =        648.555,      5867.87,      537.118,       0.000!   !END!
3774 ! X =        648.555,      5868.37,      537.757,       0.000!   !END!
3775 ! X =        648.555,      5868.87,      538.216,       0.000!   !END!
3776 ! X =        648.555,      5869.37,      552.765,       0.000!   !END!
3777 ! X =        648.555,      5869.87,      552.777,       0.000!   !END!
3778 ! X =        648.555,      5870.37,      545.000,       0.000!   !END!
3779 ! X =        648.555,      5870.87,      545.000,       0.000!   !END!
3780 ! X =        648.555,      5871.37,      545.267,       0.000!   !END!
3781 ! X =        649.055,      5859.37,      564.961,       0.000!   !END!
3782 ! X =        649.055,      5859.87,      559.930,       0.000!   !END!
3783 ! X =        649.055,      5860.37,      546.025,       0.000!   !END!
3784 ! X =        649.055,      5860.87,      567.707,       0.000!   !END!
3785 ! X =        649.055,      5861.37,      556.528,       0.000!   !END!
3786 ! X =        649.055,      5861.87,      561.417,       0.000!   !END!
3787 ! X =        649.055,      5862.37,      601.907,       0.000!   !END!
3788 ! X =        649.055,      5862.87,      605.579,       0.000!   !END!
3789 ! X =        649.055,      5863.37,      617.970,       0.000!   !END!
3790 ! X =        649.055,      5863.87,      594.992,       0.000!   !END!
3791 ! X =        649.055,      5864.37,      575.249,       0.000!   !END!
3792 ! X =        649.055,      5864.87,      561.925,       0.000!   !END!
3793 ! X =        649.055,      5865.37,      554.302,       0.000!   !END!
3794 ! X =        649.055,      5865.87,      547.659,       0.000!   !END!
3795 ! X =        649.055,      5866.37,      546.390,       0.000!   !END!
3796 ! X =        649.055,      5866.87,      549.187,       0.000!   !END!
3797 ! X =        649.055,      5867.37,      544.252,       0.000!   !END!
3798 ! X =        649.055,      5867.87,      545.005,       0.000!   !END!
3799 ! X =        649.055,      5868.37,      538.240,       0.000!   !END!
3800 ! X =        649.055,      5868.87,      547.309,       0.000!   !END!
3801 ! X =        649.055,      5869.37,      545.221,       0.000!   !END!
3802 ! X =        649.055,      5869.87,      554.698,       0.000!   !END!
3803 ! X =        649.055,      5870.37,      553.335,       0.000!   !END!
3804 ! X =        649.055,      5870.87,      553.916,       0.000!   !END!
3805 ! X =        649.055,      5871.37,      545.000,       0.000!   !END!
3806 ! X =        637.055,      5858.87,      534.000,       0.000!   !END!
3807 ! X =        637.055,      5858.37,      534.000,       0.000!   !END!
3808 ! X =        637.055,      5857.87,      534.000,       0.000!   !END!
3809 ! X =        637.055,      5857.37,      534.000,       0.000!   !END!
3810 ! X =        637.055,      5856.87,      534.121,       0.000!   !END!
3811 ! X =        637.055,      5856.37,      552.706,       0.000!   !END!
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3812 ! X =      637.055,      5855.87,      550.379,      0.000!   !END!
3813 ! X =      637.055,      5855.37,      536.000,      0.000!   !END!
3814 ! X =      637.055,      5854.87,      551.669,      0.000!   !END!
3815 ! X =      637.055,      5854.37,      557.150,      0.000!   !END!
3816 ! X =      637.055,      5853.87,      569.493,      0.000!   !END!
3817 ! X =      637.055,      5853.37,      576.916,      0.000!   !END!
3818 ! X =      637.055,      5852.87,      593.683,      0.000!   !END!
3819 ! X =      637.055,      5852.37,      595.613,      0.000!   !END!
3820 ! X =      637.055,      5851.87,      619.621,      0.000!   !END!
3821 ! X =      637.055,      5851.37,      627.664,      0.000!   !END!
3822 ! X =      637.055,      5850.87,      627.961,      0.000!   !END!
3823 ! X =      637.055,      5850.37,      625.003,      0.000!   !END!
3824 ! X =      637.055,      5849.87,      642.637,      0.000!   !END!
3825 ! X =      637.055,      5849.37,      644.191,      0.000!   !END!
3826 ! X =      637.055,      5848.87,      643.283,      0.000!   !END!
3827 ! X =      637.055,      5848.37,      637.896,      0.000!   !END!
3828 ! X =      637.055,      5847.87,      616.630,      0.000!   !END!
3829 ! X =      637.055,      5847.37,      604.000,      0.000!   !END!
3830 ! X =      637.055,      5846.87,      612.863,      0.000!   !END!
3831 ! X =      637.055,      5846.37,      609.187,      0.000!   !END!
3832 ! X =      637.055,      5845.87,      600.809,      0.000!   !END!
3833 ! X =      637.055,      5845.37,      598.595,      0.000!   !END!
3834 ! X =      637.055,      5844.87,      588.133,      0.000!   !END!
3835 ! X =      637.055,      5844.37,      585.206,      0.000!   !END!
3836 ! X =      637.055,      5843.87,      586.931,      0.000!   !END!
3837 ! X =      637.055,      5843.37,      603.317,      0.000!   !END!
3838 ! X =      637.055,      5842.87,      594.030,      0.000!   !END!
3839 ! X =      637.055,      5842.37,      616.875,      0.000!   !END!
3840 ! X =      637.055,      5841.87,      637.230,      0.000!   !END!
3841 ! X =      637.055,      5841.37,      615.417,      0.000!   !END!
3842 ! X =      637.555,      5858.87,      534.000,      0.000!   !END!
3843 ! X =      637.555,      5858.37,      538.694,      0.000!   !END!
3844 ! X =      637.555,      5857.87,      539.594,      0.000!   !END!
3845 ! X =      637.555,      5857.37,      548.652,      0.000!   !END!
3846 ! X =      637.555,      5856.87,      538.343,      0.000!   !END!
3847 ! X =      637.555,      5856.37,      540.786,      0.000!   !END!
3848 ! X =      637.555,      5855.87,      553.984,      0.000!   !END!
3849 ! X =      637.555,      5855.37,      561.925,      0.000!   !END!
3850 ! X =      637.555,      5854.87,      549.198,      0.000!   !END!
3851 ! X =      637.555,      5854.37,      538.440,      0.000!   !END!
3852 ! X =      637.555,      5853.87,      541.529,      0.000!   !END!
3853 ! X =      637.555,      5853.37,      554.905,      0.000!   !END!
3854 ! X =      637.555,      5852.87,      587.460,      0.000!   !END!
3855 ! X =      637.555,      5852.37,      586.099,      0.000!   !END!
3856 ! X =      637.555,      5851.87,      587.632,      0.000!   !END!
3857 ! X =      637.555,      5851.37,      595.667,      0.000!   !END!
3858 ! X =      637.555,      5850.87,      597.214,      0.000!   !END!
3859 ! X =      637.555,      5850.37,      618.660,      0.000!   !END!
3860 ! X =      637.555,      5849.87,      638.612,      0.000!   !END!
3861 ! X =      637.555,      5849.37,      638.068,      0.000!   !END!
3862 ! X =      637.555,      5848.87,      638.995,      0.000!   !END!
3863 ! X =      637.555,      5848.37,      612.929,      0.000!   !END!
3864 ! X =      637.555,      5847.87,      614.988,      0.000!   !END!
3865 ! X =      637.555,      5847.37,      604.519,      0.000!   !END!
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3866 ! X =      637.555,    5846.87,    610.858,      0.000!  !END!
3867 ! X =      637.555,    5846.37,    610.493,      0.000!  !END!
3868 ! X =      637.555,    5845.87,    604.466,      0.000!  !END!
3869 ! X =      637.555,    5845.37,    603.224,      0.000!  !END!
3870 ! X =      637.555,    5844.87,    597.573,      0.000!  !END!
3871 ! X =      637.555,    5844.37,    580.645,      0.000!  !END!
3872 ! X =      637.555,    5843.87,    576.947,      0.000!  !END!
3873 ! X =      637.555,    5843.37,    586.311,      0.000!  !END!
3874 ! X =      637.555,    5842.87,    575.419,      0.000!  !END!
3875 ! X =      637.555,    5842.37,    593.608,      0.000!  !END!
3876 ! X =      637.555,    5841.87,    588.164,      0.000!  !END!
3877 ! X =      637.555,    5841.37,    597.023,      0.000!  !END!
3878 ! X =      638.055,    5858.87,    549.313,      0.000!  !END!
3879 ! X =      638.055,    5858.37,    553.166,      0.000!  !END!
3880 ! X =      638.055,    5857.87,    570.512,      0.000!  !END!
3881 ! X =      638.055,    5857.37,    567.200,      0.000!  !END!
3882 ! X =      638.055,    5856.87,    566.249,      0.000!  !END!
3883 ! X =      638.055,    5856.37,    570.053,      0.000!  !END!
3884 ! X =      638.055,    5855.87,    565.360,      0.000!  !END!
3885 ! X =      638.055,    5855.37,    561.076,      0.000!  !END!
3886 ! X =      638.055,    5854.87,    577.791,      0.000!  !END!
3887 ! X =      638.055,    5854.37,    602.473,      0.000!  !END!
3888 ! X =      638.055,    5853.87,    570.552,      0.000!  !END!
3889 ! X =      638.055,    5853.37,    547.383,      0.000!  !END!
3890 ! X =      638.055,    5852.87,    540.459,      0.000!  !END!
3891 ! X =      638.055,    5852.37,    556.886,      0.000!  !END!
3892 ! X =      638.055,    5851.87,    553.369,      0.000!  !END!
3893 ! X =      638.055,    5851.37,    560.370,      0.000!  !END!
3894 ! X =      638.055,    5850.87,    592.398,      0.000!  !END!
3895 ! X =      638.055,    5850.37,    625.447,      0.000!  !END!
3896 ! X =      638.055,    5849.87,    636.737,      0.000!  !END!
3897 ! X =      638.055,    5849.37,    635.591,      0.000!  !END!
3898 ! X =      638.055,    5848.87,    645.383,      0.000!  !END!
3899 ! X =      638.055,    5848.37,    675.426,      0.000!  !END!
3900 ! X =      638.055,    5847.87,    668.736,      0.000!  !END!
3901 ! X =      638.055,    5847.37,    664.006,      0.000!  !END!
3902 ! X =      638.055,    5846.87,    627.485,      0.000!  !END!
3903 ! X =      638.055,    5846.37,    612.705,      0.000!  !END!
3904 ! X =      638.055,    5845.87,    600.783,      0.000!  !END!
3905 ! X =      638.055,    5845.37,    589.633,      0.000!  !END!
3906 ! X =      638.055,    5844.87,    589.023,      0.000!  !END!
3907 ! X =      638.055,    5844.37,    587.915,      0.000!  !END!
3908 ! X =      638.055,    5843.87,    589.164,      0.000!  !END!
3909 ! X =      638.055,    5843.37,    577.275,      0.000!  !END!
3910 ! X =      638.055,    5842.87,    573.000,      0.000!  !END!
3911 ! X =      638.055,    5842.37,    569.343,      0.000!  !END!
3912 ! X =      638.055,    5841.87,    567.898,      0.000!  !END!
3913 ! X =      638.055,    5841.37,    567.533,      0.000!  !END!
3914 ! X =      638.555,    5858.87,    556.971,      0.000!  !END!
3915 ! X =      638.555,    5858.37,    558.658,      0.000!  !END!
3916 ! X =      638.555,    5857.87,    568.621,      0.000!  !END!
3917 ! X =      638.555,    5857.37,    574.853,      0.000!  !END!
3918 ! X =      638.555,    5856.87,    575.344,      0.000!  !END!
3919 ! X =      638.555,    5856.37,    583.844,      0.000!  !END!
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3920 ! X =      638.555,    5855.87,    591.464,      0.000!    !END!
3921 ! X =      638.555,    5855.37,    592.233,      0.000!    !END!
3922 ! X =      638.555,    5854.87,    587.226,      0.000!    !END!
3923 ! X =      638.555,    5854.37,    580.506,      0.000!    !END!
3924 ! X =      638.555,    5853.87,    596.210,      0.000!    !END!
3925 ! X =      638.555,    5853.37,    620.854,      0.000!    !END!
3926 ! X =      638.555,    5852.87,    603.540,      0.000!    !END!
3927 ! X =      638.555,    5852.37,    574.636,      0.000!    !END!
3928 ! X =      638.555,    5851.87,    553.490,      0.000!    !END!
3929 ! X =      638.555,    5851.37,    546.350,      0.000!    !END!
3930 ! X =      638.555,    5850.87,    559.236,      0.000!    !END!
3931 ! X =      638.555,    5850.37,    582.656,      0.000!    !END!
3932 ! X =      638.555,    5849.87,    600.197,      0.000!    !END!
3933 ! X =      638.555,    5849.37,    621.228,      0.000!    !END!
3934 ! X =      638.555,    5848.87,    624.434,      0.000!    !END!
3935 ! X =      638.555,    5848.37,    640.896,      0.000!    !END!
3936 ! X =      638.555,    5847.87,    627.044,      0.000!    !END!
3937 ! X =      638.555,    5847.37,    631.758,      0.000!    !END!
3938 ! X =      638.555,    5846.87,    620.285,      0.000!    !END!
3939 ! X =      638.555,    5846.37,    623.264,      0.000!    !END!
3940 ! X =      638.555,    5845.87,    646.363,      0.000!    !END!
3941 ! X =      638.555,    5845.37,    626.322,      0.000!    !END!
3942 ! X =      638.555,    5844.87,    601.141,      0.000!    !END!
3943 ! X =      638.555,    5844.37,    591.889,      0.000!    !END!
3944 ! X =      638.555,    5843.87,    584.508,      0.000!    !END!
3945 ! X =      638.555,    5843.37,    584.399,      0.000!    !END!
3946 ! X =      638.555,    5842.87,    589.361,      0.000!    !END!
3947 ! X =      638.555,    5842.37,    580.664,      0.000!    !END!
3948 ! X =      638.555,    5841.87,    572.368,      0.000!    !END!
3949 ! X =      638.555,    5841.37,    563.525,      0.000!    !END!
3950 ! X =      639.055,    5858.87,    572.666,      0.000!    !END!
3951 ! X =      639.055,    5858.37,    567.576,      0.000!    !END!
3952 ! X =      639.055,    5857.87,    572.228,      0.000!    !END!
3953 ! X =      639.055,    5857.37,    583.647,      0.000!    !END!
3954 ! X =      639.055,    5856.87,    594.080,      0.000!    !END!
3955 ! X =      639.055,    5856.37,    587.777,      0.000!    !END!
3956 ! X =      639.055,    5855.87,    586.927,      0.000!    !END!
3957 ! X =      639.055,    5855.37,    590.840,      0.000!    !END!
3958 ! X =      639.055,    5854.87,    597.528,      0.000!    !END!
3959 ! X =      639.055,    5854.37,    595.581,      0.000!    !END!
3960 ! X =      639.055,    5853.87,    588.461,      0.000!    !END!
3961 ! X =      639.055,    5853.37,    651.763,      0.000!    !END!
3962 ! X =      639.055,    5852.87,    632.721,      0.000!    !END!
3963 ! X =      639.055,    5852.37,    628.276,      0.000!    !END!
3964 ! X =      639.055,    5851.87,    632.778,      0.000!    !END!
3965 ! X =      639.055,    5851.37,    616.048,      0.000!    !END!
3966 ! X =      639.055,    5850.87,    592.518,      0.000!    !END!
3967 ! X =      639.055,    5850.37,    562.892,      0.000!    !END!
3968 ! X =      639.055,    5849.87,    570.801,      0.000!    !END!
3969 ! X =      639.055,    5849.37,    577.006,      0.000!    !END!
3970 ! X =      639.055,    5848.87,    589.179,      0.000!    !END!
3971 ! X =      639.055,    5848.37,    580.053,      0.000!    !END!
3972 ! X =      639.055,    5847.87,    586.541,      0.000!    !END!
3973 ! X =      639.055,    5847.37,    600.635,      0.000!    !END!
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3974 ! X =      639.055,    5846.87,     592.951,      0.000!   !END!
3975 ! X =      639.055,    5846.37,     597.767,      0.000!   !END!
3976 ! X =      639.055,    5845.87,     604.680,      0.000!   !END!
3977 ! X =      639.055,    5845.37,     602.157,      0.000!   !END!
3978 ! X =      639.055,    5844.87,     610.908,      0.000!   !END!
3979 ! X =      639.055,    5844.37,     605.714,      0.000!   !END!
3980 ! X =      639.055,    5843.87,     603.483,      0.000!   !END!
3981 ! X =      639.055,    5843.37,     594.683,      0.000!   !END!
3982 ! X =      639.055,    5842.87,     589.798,      0.000!   !END!
3983 ! X =      639.055,    5842.37,     590.252,      0.000!   !END!
3984 ! X =      639.055,    5841.87,     587.389,      0.000!   !END!
3985 ! X =      639.055,    5841.37,     586.640,      0.000!   !END!
3986 ! X =      639.555,    5858.87,     580.884,      0.000!   !END!
3987 ! X =      639.555,    5858.37,     574.547,      0.000!   !END!
3988 ! X =      639.555,    5857.87,     573.052,      0.000!   !END!
3989 ! X =      639.555,    5857.37,     578.060,      0.000!   !END!
3990 ! X =      639.555,    5856.87,     580.637,      0.000!   !END!
3991 ! X =      639.555,    5856.37,     581.894,      0.000!   !END!
3992 ! X =      639.555,    5855.87,     585.832,      0.000!   !END!
3993 ! X =      639.555,    5855.37,     591.004,      0.000!   !END!
3994 ! X =      639.555,    5854.87,     596.246,      0.000!   !END!
3995 ! X =      639.555,    5854.37,     602.578,      0.000!   !END!
3996 ! X =      639.555,    5853.87,     619.990,      0.000!   !END!
3997 ! X =      639.555,    5853.37,     625.594,      0.000!   !END!
3998 ! X =      639.555,    5852.87,     628.280,      0.000!   !END!
3999 ! X =      639.555,    5852.37,     637.227,      0.000!   !END!
4000 ! X =      639.555,    5851.87,     687.243,      0.000!   !END!
4001 ! X =      639.555,    5851.37,     684.261,      0.000!   !END!
4002 ! X =      639.555,    5850.87,     633.351,      0.000!   !END!
4003 ! X =      639.555,    5850.37,     592.748,      0.000!   !END!
4004 ! X =      639.555,    5849.87,     577.656,      0.000!   !END!
4005 ! X =      639.555,    5849.37,     564.247,      0.000!   !END!
4006 ! X =      639.555,    5848.87,     561.078,      0.000!   !END!
4007 ! X =      639.555,    5848.37,     577.191,      0.000!   !END!
4008 ! X =      639.555,    5847.87,     570.037,      0.000!   !END!
4009 ! X =      639.555,    5847.37,     568.000,      0.000!   !END!
4010 ! X =      639.555,    5846.87,     568.000,      0.000!   !END!
4011 ! X =      639.555,    5846.37,     577.038,      0.000!   !END!
4012 ! X =      639.555,    5845.87,     592.406,      0.000!   !END!
4013 ! X =      639.555,    5845.37,     605.331,      0.000!   !END!
4014 ! X =      639.555,    5844.87,     602.234,      0.000!   !END!
4015 ! X =      639.555,    5844.37,     614.691,      0.000!   !END!
4016 ! X =      639.555,    5843.87,     613.695,      0.000!   !END!
4017 ! X =      639.555,    5843.37,     600.836,      0.000!   !END!
4018 ! X =      639.555,    5842.87,     614.245,      0.000!   !END!
4019 ! X =      639.555,    5842.37,     609.380,      0.000!   !END!
4020 ! X =      639.555,    5841.87,     588.743,      0.000!   !END!
4021 ! X =      639.555,    5841.37,     590.724,      0.000!   !END!
4022 ! X =      640.055,    5858.87,     606.872,      0.000!   !END!
4023 ! X =      640.055,    5858.37,     603.459,      0.000!   !END!
4024 ! X =      640.055,    5857.87,     581.711,      0.000!   !END!
4025 ! X =      640.055,    5857.37,     578.391,      0.000!   !END!
4026 ! X =      640.055,    5856.87,     579.862,      0.000!   !END!
4027 ! X =      640.055,    5856.37,     582.144,      0.000!   !END!
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4028 ! X =      640.055,      5855.87,      585.247,        0.000!    !END!
4029 ! X =      640.055,      5855.37,      594.802,        0.000!    !END!
4030 ! X =      640.055,      5854.87,      608.647,        0.000!    !END!
4031 ! X =      640.055,      5854.37,      610.913,        0.000!    !END!
4032 ! X =      640.055,      5853.87,      603.702,        0.000!    !END!
4033 ! X =      640.055,      5853.37,      614.621,        0.000!    !END!
4034 ! X =      640.055,      5852.87,      618.932,        0.000!    !END!
4035 ! X =      640.055,      5852.37,      673.401,        0.000!    !END!
4036 ! X =      640.055,      5851.87,      672.338,        0.000!    !END!
4037 ! X =      640.055,      5851.37,      658.131,        0.000!    !END!
4038 ! X =      640.055,      5850.87,      652.526,        0.000!    !END!
4039 ! X =      640.055,      5850.37,      625.739,        0.000!    !END!
4040 ! X =      640.055,      5849.87,      597.062,        0.000!    !END!
4041 ! X =      640.055,      5849.37,      586.338,        0.000!    !END!
4042 ! X =      640.055,      5848.87,      565.949,        0.000!    !END!
4043 ! X =      640.055,      5848.37,      570.893,        0.000!    !END!
4044 ! X =      640.055,      5847.87,      564.341,        0.000!    !END!
4045 ! X =      640.055,      5847.37,      568.755,        0.000!    !END!
4046 ! X =      640.055,      5846.87,      650.045,        0.000!    !END!
4047 ! X =      640.055,      5846.37,      656.245,        0.000!    !END!
4048 ! X =      640.055,      5845.87,      609.967,        0.000!    !END!
4049 ! X =      640.055,      5845.37,      588.447,        0.000!    !END!
4050 ! X =      640.055,      5844.87,      594.363,        0.000!    !END!
4051 ! X =      640.055,      5844.37,      611.293,        0.000!    !END!
4052 ! X =      640.055,      5843.87,      610.162,        0.000!    !END!
4053 ! X =      640.055,      5843.37,      636.555,        0.000!    !END!
4054 ! X =      640.055,      5842.87,      618.804,        0.000!    !END!
4055 ! X =      640.055,      5842.37,      606.941,        0.000!    !END!
4056 ! X =      640.055,      5841.87,      604.779,        0.000!    !END!
4057 ! X =      640.055,      5841.37,      592.228,        0.000!    !END!
4058 ! X =      640.555,      5858.87,      582.793,        0.000!    !END!
4059 ! X =      640.555,      5858.37,      607.645,        0.000!    !END!
4060 ! X =      640.555,      5857.87,      596.646,        0.000!    !END!
4061 ! X =      640.555,      5857.37,      591.434,        0.000!    !END!
4062 ! X =      640.555,      5856.87,      585.949,        0.000!    !END!
4063 ! X =      640.555,      5856.37,      588.028,        0.000!    !END!
4064 ! X =      640.555,      5855.87,      587.608,        0.000!    !END!
4065 ! X =      640.555,      5855.37,      605.078,        0.000!    !END!
4066 ! X =      640.555,      5854.87,      633.106,        0.000!    !END!
4067 ! X =      640.555,      5854.37,      646.189,        0.000!    !END!
4068 ! X =      640.555,      5853.87,      631.703,        0.000!    !END!
4069 ! X =      640.555,      5853.37,      617.117,        0.000!    !END!
4070 ! X =      640.555,      5852.87,      632.501,        0.000!    !END!
4071 ! X =      640.555,      5852.37,      672.262,        0.000!    !END!
4072 ! X =      640.555,      5851.87,      677.692,        0.000!    !END!
4073 ! X =      640.555,      5851.37,      651.939,        0.000!    !END!
4074 ! X =      640.555,      5850.87,      624.716,        0.000!    !END!
4075 ! X =      640.555,      5850.37,      635.694,        0.000!    !END!
4076 ! X =      640.555,      5849.87,      626.119,        0.000!    !END!
4077 ! X =      640.555,      5849.37,      608.529,        0.000!    !END!
4078 ! X =      640.555,      5848.87,      588.667,        0.000!    !END!
4079 ! X =      640.555,      5848.37,      570.744,        0.000!    !END!
4080 ! X =      640.555,      5847.87,      563.000,        0.000!    !END!
4081 ! X =      640.555,      5847.37,      565.593,        0.000!    !END!
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4082 ! X =      640.555,    5846.87,    590.506,      0.000!    !END!
4083 ! X =      640.555,    5846.37,    609.305,      0.000!    !END!
4084 ! X =      640.555,    5845.87,    628.100,      0.000!    !END!
4085 ! X =      640.555,    5845.37,    623.875,      0.000!    !END!
4086 ! X =      640.555,    5844.87,    604.942,      0.000!    !END!
4087 ! X =      640.555,    5844.37,    594.929,      0.000!    !END!
4088 ! X =      640.555,    5843.87,    592.047,      0.000!    !END!
4089 ! X =      640.555,    5843.37,    605.249,      0.000!    !END!
4090 ! X =      640.555,    5842.87,    652.408,      0.000!    !END!
4091 ! X =      640.555,    5842.37,    646.370,      0.000!    !END!
4092 ! X =      640.555,    5841.87,    622.551,      0.000!    !END!
4093 ! X =      640.555,    5841.37,    612.212,      0.000!    !END!
4094 ! X =      641.055,    5858.87,    607.485,      0.000!    !END!
4095 ! X =      641.055,    5858.37,    590.603,      0.000!    !END!
4096 ! X =      641.055,    5857.87,    586.109,      0.000!    !END!
4097 ! X =      641.055,    5857.37,    586.000,      0.000!    !END!
4098 ! X =      641.055,    5856.87,    586.000,      0.000!    !END!
4099 ! X =      641.055,    5856.37,    589.771,      0.000!    !END!
4100 ! X =      641.055,    5855.87,    597.452,      0.000!    !END!
4101 ! X =      641.055,    5855.37,    600.850,      0.000!    !END!
4102 ! X =      641.055,    5854.87,    637.549,      0.000!    !END!
4103 ! X =      641.055,    5854.37,    681.540,      0.000!    !END!
4104 ! X =      641.055,    5853.87,    645.035,      0.000!    !END!
4105 ! X =      641.055,    5853.37,    610.569,      0.000!    !END!
4106 ! X =      641.055,    5852.87,    644.300,      0.000!    !END!
4107 ! X =      641.055,    5852.37,    665.436,      0.000!    !END!
4108 ! X =      641.055,    5851.87,    675.268,      0.000!    !END!
4109 ! X =      641.055,    5851.37,    649.336,      0.000!    !END!
4110 ! X =      641.055,    5850.87,    617.515,      0.000!    !END!
4111 ! X =      641.055,    5850.37,    606.784,      0.000!    !END!
4112 ! X =      641.055,    5849.87,    607.070,      0.000!    !END!
4113 ! X =      641.055,    5849.37,    601.731,      0.000!    !END!
4114 ! X =      641.055,    5848.87,    594.295,      0.000!    !END!
4115 ! X =      641.055,    5848.37,    583.647,      0.000!    !END!
4116 ! X =      641.055,    5847.87,    578.890,      0.000!    !END!
4117 ! X =      641.055,    5847.37,    563.575,      0.000!    !END!
4118 ! X =      641.055,    5846.87,    568.097,      0.000!    !END!
4119 ! X =      641.055,    5846.37,    570.090,      0.000!    !END!
4120 ! X =      641.055,    5845.87,    573.633,      0.000!    !END!
4121 ! X =      641.055,    5845.37,    576.419,      0.000!    !END!
4122 ! X =      641.055,    5844.87,    597.992,      0.000!    !END!
4123 ! X =      641.055,    5844.37,    596.988,      0.000!    !END!
4124 ! X =      641.055,    5843.87,    598.870,      0.000!    !END!
4125 ! X =      641.055,    5843.37,    596.339,      0.000!    !END!
4126 ! X =      641.055,    5842.87,    595.465,      0.000!    !END!
4127 ! X =      641.055,    5842.37,    621.440,      0.000!    !END!
4128 ! X =      641.055,    5841.87,    664.527,      0.000!    !END!
4129 ! X =      641.055,    5841.37,    659.355,      0.000!    !END!
4130 ! X =      641.555,    5858.87,    632.258,      0.000!    !END!
4131 ! X =      641.555,    5858.37,    617.916,      0.000!    !END!
4132 ! X =      641.555,    5857.87,    614.381,      0.000!    !END!
4133 ! X =      641.555,    5857.37,    589.409,      0.000!    !END!
4134 ! X =      641.555,    5856.87,    586.000,      0.000!    !END!
4135 ! X =      641.555,    5856.37,    586.000,      0.000!    !END!
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4136 ! X =        641.555,     5855.87,     586.000,        0.000!    !END!
4137 ! X =        641.555,     5855.37,     586.000,        0.000!    !END!
4138 ! X =        641.555,     5854.87,     595.849,        0.000!    !END!
4139 ! X =        641.555,     5854.37,     618.480,        0.000!    !END!
4140 ! X =        641.555,     5853.87,     636.689,        0.000!    !END!
4141 ! X =        641.555,     5853.37,     605.143,        0.000!    !END!
4142 ! X =        641.555,     5852.87,     595.914,        0.000!    !END!
4143 ! X =        641.555,     5852.37,     612.522,        0.000!    !END!
4144 ! X =        641.555,     5851.87,     647.973,        0.000!    !END!
4145 ! X =        641.555,     5851.37,     633.158,        0.000!    !END!
4146 ! X =        641.555,     5850.87,     621.813,        0.000!    !END!
4147 ! X =        641.555,     5850.37,     609.013,        0.000!    !END!
4148 ! X =        641.555,     5849.87,     598.116,        0.000!    !END!
4149 ! X =        641.555,     5849.37,     596.638,        0.000!    !END!
4150 ! X =        641.555,     5848.87,     590.484,        0.000!    !END!
4151 ! X =        641.555,     5848.37,     584.423,        0.000!    !END!
4152 ! X =        641.555,     5847.87,     581.035,        0.000!    !END!
4153 ! X =        641.555,     5847.37,     581.313,        0.000!    !END!
4154 ! X =        641.555,     5846.87,     602.996,        0.000!    !END!
4155 ! X =        641.555,     5846.37,     586.545,        0.000!    !END!
4156 ! X =        641.555,     5845.87,     579.878,        0.000!    !END!
4157 ! X =        641.555,     5845.37,     573.382,        0.000!    !END!
4158 ! X =        641.555,     5844.87,     587.227,        0.000!    !END!
4159 ! X =        641.555,     5844.37,     581.000,        0.000!    !END!
4160 ! X =        641.555,     5843.87,     598.492,        0.000!    !END!
4161 ! X =        641.555,     5843.37,     592.317,        0.000!    !END!
4162 ! X =        641.555,     5842.87,     591.000,        0.000!    !END!
4163 ! X =        641.555,     5842.37,     596.451,        0.000!    !END!
4164 ! X =        641.555,     5841.87,     611.877,        0.000!    !END!
4165 ! X =        641.555,     5841.37,     657.748,        0.000!    !END!
4166 ! X =        642.055,     5858.87,     613.840,        0.000!    !END!
4167 ! X =        642.055,     5858.37,     620.782,        0.000!    !END!
4168 ! X =        642.055,     5857.87,     604.654,        0.000!    !END!
4169 ! X =        642.055,     5857.37,     590.515,        0.000!    !END!
4170 ! X =        642.055,     5856.87,     609.780,        0.000!    !END!
4171 ! X =        642.055,     5856.37,     606.588,        0.000!    !END!
4172 ! X =        642.055,     5855.87,     605.281,        0.000!    !END!
4173 ! X =        642.055,     5855.37,     597.553,        0.000!    !END!
4174 ! X =        642.055,     5854.87,     588.219,        0.000!    !END!
4175 ! X =        642.055,     5854.37,     589.654,        0.000!    !END!
4176 ! X =        642.055,     5853.87,     582.656,        0.000!    !END!
4177 ! X =        642.055,     5853.37,     593.902,        0.000!    !END!
4178 ! X =        642.055,     5852.87,     594.247,        0.000!    !END!
4179 ! X =        642.055,     5852.37,     577.547,        0.000!    !END!
4180 ! X =        642.055,     5851.87,     582.000,        0.000!    !END!
4181 ! X =        642.055,     5851.37,     610.962,        0.000!    !END!
4182 ! X =        642.055,     5850.87,     602.295,        0.000!    !END!
4183 ! X =        642.055,     5850.37,     600.153,        0.000!    !END!
4184 ! X =        642.055,     5849.87,     598.436,        0.000!    !END!
4185 ! X =        642.055,     5849.37,     594.660,        0.000!    !END!
4186 ! X =        642.055,     5848.87,     585.067,        0.000!    !END!
4187 ! X =        642.055,     5848.37,     581.437,        0.000!    !END!
4188 ! X =        642.055,     5847.87,     580.864,        0.000!    !END!
4189 ! X =        642.055,     5847.37,     618.675,        0.000!    !END!
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4190 ! X =      642.055,    5846.87,    675.290,       0.000!   !END!
4191 ! X =      642.055,    5846.37,    617.061,       0.000!   !END!
4192 ! X =      642.055,    5845.87,    591.758,       0.000!   !END!
4193 ! X =      642.055,    5845.37,    588.988,       0.000!   !END!
4194 ! X =      642.055,    5844.87,    622.557,       0.000!   !END!
4195 ! X =      642.055,    5844.37,    651.083,       0.000!   !END!
4196 ! X =      642.055,    5843.87,    610.874,       0.000!   !END!
4197 ! X =      642.055,    5843.37,    599.073,       0.000!   !END!
4198 ! X =      642.055,    5842.87,    591.000,       0.000!   !END!
4199 ! X =      642.055,    5842.37,    591.000,       0.000!   !END!
4200 ! X =      642.055,    5841.87,    591.000,       0.000!   !END!
4201 ! X =      642.055,    5841.37,    592.465,       0.000!   !END!
4202 ! X =      642.555,    5858.87,    618.864,       0.000!   !END!
4203 ! X =      642.555,    5858.37,    614.113,       0.000!   !END!
4204 ! X =      642.555,    5857.87,    598.499,       0.000!   !END!
4205 ! X =      642.555,    5857.37,    605.865,       0.000!   !END!
4206 ! X =      642.555,    5856.87,    633.032,       0.000!   !END!
4207 ! X =      642.555,    5856.37,    636.316,       0.000!   !END!
4208 ! X =      642.555,    5855.87,    633.859,       0.000!   !END!
4209 ! X =      642.555,    5855.37,    633.399,       0.000!   !END!
4210 ! X =      642.555,    5854.87,    618.665,       0.000!   !END!
4211 ! X =      642.555,    5854.37,    600.120,       0.000!   !END!
4212 ! X =      642.555,    5853.87,    582.742,       0.000!   !END!
4213 ! X =      642.555,    5853.37,    580.631,       0.000!   !END!
4214 ! X =      642.555,    5852.87,    581.466,       0.000!   !END!
4215 ! X =      642.555,    5852.37,    573.713,       0.000!   !END!
4216 ! X =      642.555,    5851.87,    573.000,       0.000!   !END!
4217 ! X =      642.555,    5851.37,    573.000,       0.000!   !END!
4218 ! X =      642.555,    5850.87,    597.494,       0.000!   !END!
4219 ! X =      642.555,    5850.37,    619.371,       0.000!   !END!
4220 ! X =      642.555,    5849.87,    592.532,       0.000!   !END!
4221 ! X =      642.555,    5849.37,    594.146,       0.000!   !END!
4222 ! X =      642.555,    5848.87,    593.986,       0.000!   !END!
4223 ! X =      642.555,    5848.37,    595.135,       0.000!   !END!
4224 ! X =      642.555,    5847.87,    583.349,       0.000!   !END!
4225 ! X =      642.555,    5847.37,    639.518,       0.000!   !END!
4226 ! X =      642.555,    5846.87,    641.429,       0.000!   !END!
4227 ! X =      642.555,    5846.37,    626.467,       0.000!   !END!
4228 ! X =      642.555,    5845.87,    607.340,       0.000!   !END!
4229 ! X =      642.555,    5845.37,    592.960,       0.000!   !END!
4230 ! X =      642.555,    5844.87,    588.585,       0.000!   !END!
4231 ! X =      642.555,    5844.37,    603.557,       0.000!   !END!
4232 ! X =      642.555,    5843.87,    661.245,       0.000!   !END!
4233 ! X =      642.555,    5843.37,    626.938,       0.000!   !END!
4234 ! X =      642.555,    5842.87,    605.649,       0.000!   !END!
4235 ! X =      642.555,    5842.37,    591.000,       0.000!   !END!
4236 ! X =      642.555,    5841.87,    591.000,       0.000!   !END!
4237 ! X =      642.555,    5841.37,    591.000,       0.000!   !END!
4238 ! X =      643.055,    5858.87,    604.146,       0.000!   !END!
4239 ! X =      643.055,    5858.37,    618.887,       0.000!   !END!
4240 ! X =      643.055,    5857.87,    595.711,       0.000!   !END!
4241 ! X =      643.055,    5857.37,    589.908,       0.000!   !END!
4242 ! X =      643.055,    5856.87,    627.673,       0.000!   !END!
4243 ! X =      643.055,    5856.37,    640.440,       0.000!   !END!
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4244 ! X =      643.055,    5855.87,    668.297,    0.000!  !END!
4245 ! X =      643.055,    5855.37,    653.999,    0.000!  !END!
4246 ! X =      643.055,    5854.87,    638.953,    0.000!  !END!
4247 ! X =      643.055,    5854.37,    614.984,    0.000!  !END!
4248 ! X =      643.055,    5853.87,    599.681,    0.000!  !END!
4249 ! X =      643.055,    5853.37,    580.998,    0.000!  !END!
4250 ! X =      643.055,    5852.87,    580.537,    0.000!  !END!
4251 ! X =      643.055,    5852.37,    576.230,    0.000!  !END!
4252 ! X =      643.055,    5851.87,    576.156,    0.000!  !END!
4253 ! X =      643.055,    5851.37,    573.000,    0.000!  !END!
4254 ! X =      643.055,    5850.87,    576.212,    0.000!  !END!
4255 ! X =      643.055,    5850.37,    586.701,    0.000!  !END!
4256 ! X =      643.055,    5849.87,    608.992,    0.000!  !END!
4257 ! X =      643.055,    5849.37,    604.848,    0.000!  !END!
4258 ! X =      643.055,    5848.87,    604.936,    0.000!  !END!
4259 ! X =      643.055,    5848.37,    614.352,    0.000!  !END!
4260 ! X =      643.055,    5847.87,    626.463,    0.000!  !END!
4261 ! X =      643.055,    5847.37,    649.666,    0.000!  !END!
4262 ! X =      643.055,    5846.87,    632.469,    0.000!  !END!
4263 ! X =      643.055,    5846.37,    623.745,    0.000!  !END!
4264 ! X =      643.055,    5845.87,    607.440,    0.000!  !END!
4265 ! X =      643.055,    5845.37,    595.180,    0.000!  !END!
4266 ! X =      643.055,    5844.87,    585.000,    0.000!  !END!
4267 ! X =      643.055,    5844.37,    588.291,    0.000!  !END!
4268 ! X =      643.055,    5843.87,    593.499,    0.000!  !END!
4269 ! X =      643.055,    5843.37,    654.471,    0.000!  !END!
4270 ! X =      643.055,    5842.87,    633.002,    0.000!  !END!
4271 ! X =      643.055,    5842.37,    602.505,    0.000!  !END!
4272 ! X =      643.055,    5841.87,    592.359,    0.000!  !END!
4273 ! X =      643.055,    5841.37,    591.000,    0.000!  !END!
4274 ! X =      643.555,    5858.87,    595.147,    0.000!  !END!
4275 ! X =      643.555,    5858.37,    598.194,    0.000!  !END!
4276 ! X =      643.555,    5857.87,    608.450,    0.000!  !END!
4277 ! X =      643.555,    5857.37,    598.307,    0.000!  !END!
4278 ! X =      643.555,    5856.87,    620.700,    0.000!  !END!
4279 ! X =      643.555,    5856.37,    662.148,    0.000!  !END!
4280 ! X =      643.555,    5855.87,    715.844,    0.000!  !END!
4281 ! X =      643.555,    5855.37,    672.849,    0.000!  !END!
4282 ! X =      643.555,    5854.87,    653.804,    0.000!  !END!
4283 ! X =      643.555,    5854.37,    643.685,    0.000!  !END!
4284 ! X =      643.555,    5853.87,    613.188,    0.000!  !END!
4285 ! X =      643.555,    5853.37,    590.443,    0.000!  !END!
4286 ! X =      643.555,    5852.87,    577.487,    0.000!  !END!
4287 ! X =      643.555,    5852.37,    572.389,    0.000!  !END!
4288 ! X =      643.555,    5851.87,    576.859,    0.000!  !END!
4289 ! X =      643.555,    5851.37,    574.802,    0.000!  !END!
4290 ! X =      643.555,    5850.87,    576.891,    0.000!  !END!
4291 ! X =      643.555,    5850.37,    585.983,    0.000!  !END!
4292 ! X =      643.555,    5849.87,    594.792,    0.000!  !END!
4293 ! X =      643.555,    5849.37,    606.946,    0.000!  !END!
4294 ! X =      643.555,    5848.87,    621.811,    0.000!  !END!
4295 ! X =      643.555,    5848.37,    637.981,    0.000!  !END!
4296 ! X =      643.555,    5847.87,    651.700,    0.000!  !END!
4297 ! X =      643.555,    5847.37,    652.900,    0.000!  !END!
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4298 ! X =      643.555,     5846.87,     636.860,        0.000!    !END!
4299 ! X =      643.555,     5846.37,     613.741,        0.000!    !END!
4300 ! X =      643.555,     5845.87,     599.715,        0.000!    !END!
4301 ! X =      643.555,     5845.37,     602.092,        0.000!    !END!
4302 ! X =      643.555,     5844.87,     590.870,        0.000!    !END!
4303 ! X =      643.555,     5844.37,     585.000,        0.000!    !END!
4304 ! X =      643.555,     5843.87,     594.083,        0.000!    !END!
4305 ! X =      643.555,     5843.37,     627.043,        0.000!    !END!
4306 ! X =      643.555,     5842.87,     655.626,        0.000!    !END!
4307 ! X =      643.555,     5842.37,     649.785,        0.000!    !END!
4308 ! X =      643.555,     5841.87,     631.572,        0.000!    !END!
4309 ! X =      643.555,     5841.37,     611.429,        0.000!    !END!
4310 ! X =      644.055,     5858.87,     565.434,        0.000!    !END!
4311 ! X =      644.055,     5858.37,     575.788,        0.000!    !END!
4312 ! X =      644.055,     5857.87,     590.818,        0.000!    !END!
4313 ! X =      644.055,     5857.37,     602.216,        0.000!    !END!
4314 ! X =      644.055,     5856.87,     596.184,        0.000!    !END!
4315 ! X =      644.055,     5856.37,     612.951,        0.000!    !END!
4316 ! X =      644.055,     5855.87,     662.208,        0.000!    !END!
4317 ! X =      644.055,     5855.37,     662.137,        0.000!    !END!
4318 ! X =      644.055,     5854.87,     653.143,        0.000!    !END!
4319 ! X =      644.055,     5854.37,     637.472,        0.000!    !END!
4320 ! X =      644.055,     5853.87,     615.735,        0.000!    !END!
4321 ! X =      644.055,     5853.37,     590.889,        0.000!    !END!
4322 ! X =      644.055,     5852.87,     580.003,        0.000!    !END!
4323 ! X =      644.055,     5852.37,     576.831,        0.000!    !END!
4324 ! X =      644.055,     5851.87,     575.709,        0.000!    !END!
4325 ! X =      644.055,     5851.37,     571.335,        0.000!    !END!
4326 ! X =      644.055,     5850.87,     593.009,        0.000!    !END!
4327 ! X =      644.055,     5850.37,     626.074,        0.000!    !END!
4328 ! X =      644.055,     5849.87,     652.791,        0.000!    !END!
4329 ! X =      644.055,     5849.37,     619.560,        0.000!    !END!
4330 ! X =      644.055,     5848.87,     613.341,        0.000!    !END!
4331 ! X =      644.055,     5848.37,     632.684,        0.000!    !END!
4332 ! X =      644.055,     5847.87,     638.581,        0.000!    !END!
4333 ! X =      644.055,     5847.37,     638.835,        0.000!    !END!
4334 ! X =      644.055,     5846.87,     622.074,        0.000!    !END!
4335 ! X =      644.055,     5846.37,     607.546,        0.000!    !END!
4336 ! X =      644.055,     5845.87,     604.186,        0.000!    !END!
4337 ! X =      644.055,     5845.37,     594.274,        0.000!    !END!
4338 ! X =      644.055,     5844.87,     591.351,        0.000!    !END!
4339 ! X =      644.055,     5844.37,     587.173,        0.000!    !END!
4340 ! X =      644.055,     5843.87,     585.000,        0.000!    !END!
4341 ! X =      644.055,     5843.37,     592.965,        0.000!    !END!
4342 ! X =      644.055,     5842.87,     595.631,        0.000!    !END!
4343 ! X =      644.055,     5842.37,     631.298,        0.000!    !END!
4344 ! X =      644.055,     5841.87,     635.915,        0.000!    !END!
4345 ! X =      644.055,     5841.37,     646.188,        0.000!    !END!
4346 ! X =      644.555,     5858.87,     544.486,        0.000!    !END!
4347 ! X =      644.555,     5858.37,     548.360,        0.000!    !END!
4348 ! X =      644.555,     5857.87,     559.876,        0.000!    !END!
4349 ! X =      644.555,     5857.37,     571.409,        0.000!    !END!
4350 ! X =      644.555,     5856.87,     575.009,        0.000!    !END!
4351 ! X =      644.555,     5856.37,     561.797,        0.000!    !END!
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4352 ! X =      644.555,     5855.87,     572.388,       0.000!   !END!
4353 ! X =      644.555,     5855.37,     580.343,       0.000!   !END!
4354 ! X =      644.555,     5854.87,     596.934,       0.000!   !END!
4355 ! X =      644.555,     5854.37,     624.342,       0.000!   !END!
4356 ! X =      644.555,     5853.87,     612.735,       0.000!   !END!
4357 ! X =      644.555,     5853.37,     595.420,       0.000!   !END!
4358 ! X =      644.555,     5852.87,     581.023,       0.000!   !END!
4359 ! X =      644.555,     5852.37,     577.824,       0.000!   !END!
4360 ! X =      644.555,     5851.87,     575.000,       0.000!   !END!
4361 ! X =      644.555,     5851.37,     569.045,       0.000!   !END!
4362 ! X =      644.555,     5850.87,     567.238,       0.000!   !END!
4363 ! X =      644.555,     5850.37,     575.047,       0.000!   !END!
4364 ! X =      644.555,     5849.87,     635.935,       0.000!   !END!
4365 ! X =      644.555,     5849.37,     648.875,       0.000!   !END!
4366 ! X =      644.555,     5848.87,     644.033,       0.000!   !END!
4367 ! X =      644.555,     5848.37,     632.954,       0.000!   !END!
4368 ! X =      644.555,     5847.87,     610.022,       0.000!   !END!
4369 ! X =      644.555,     5847.37,     610.418,       0.000!   !END!
4370 ! X =      644.555,     5846.87,     608.522,       0.000!   !END!
4371 ! X =      644.555,     5846.37,     611.991,       0.000!   !END!
4372 ! X =      644.555,     5845.87,     610.258,       0.000!   !END!
4373 ! X =      644.555,     5845.37,     605.855,       0.000!   !END!
4374 ! X =      644.555,     5844.87,     597.681,       0.000!   !END!
4375 ! X =      644.555,     5844.37,     596.509,       0.000!   !END!
4376 ! X =      644.555,     5843.87,     589.641,       0.000!   !END!
4377 ! X =      644.555,     5843.37,     588.276,       0.000!   !END!
4378 ! X =      644.555,     5842.87,     591.812,       0.000!   !END!
4379 ! X =      644.555,     5842.37,     591.811,       0.000!   !END!
4380 ! X =      644.555,     5841.87,     598.414,       0.000!   !END!
4381 ! X =      644.555,     5841.37,     602.792,       0.000!   !END!
4382 ! X =      645.055,     5858.87,     540.888,       0.000!   !END!
4383 ! X =      645.055,     5858.37,     551.680,       0.000!   !END!
4384 ! X =      645.055,     5857.87,     555.409,       0.000!   !END!
4385 ! X =      645.055,     5857.37,     557.991,       0.000!   !END!
4386 ! X =      645.055,     5856.87,     549.820,       0.000!   !END!
4387 ! X =      645.055,     5856.37,     551.884,       0.000!   !END!
4388 ! X =      645.055,     5855.87,     556.495,       0.000!   !END!
4389 ! X =      645.055,     5855.37,     553.084,       0.000!   !END!
4390 ! X =      645.055,     5854.87,     553.000,       0.000!   !END!
4391 ! X =      645.055,     5854.37,     564.443,       0.000!   !END!
4392 ! X =      645.055,     5853.87,     570.357,       0.000!   !END!
4393 ! X =      645.055,     5853.37,     589.489,       0.000!   !END!
4394 ! X =      645.055,     5852.87,     579.328,       0.000!   !END!
4395 ! X =      645.055,     5852.37,     568.844,       0.000!   !END!
4396 ! X =      645.055,     5851.87,     569.672,       0.000!   !END!
4397 ! X =      645.055,     5851.37,     569.528,       0.000!   !END!
4398 ! X =      645.055,     5850.87,     568.000,       0.000!   !END!
4399 ! X =      645.055,     5850.37,     566.996,       0.000!   !END!
4400 ! X =      645.055,     5849.87,     572.361,       0.000!   !END!
4401 ! X =      645.055,     5849.37,     584.246,       0.000!   !END!
4402 ! X =      645.055,     5848.87,     586.407,       0.000!   !END!
4403 ! X =      645.055,     5848.37,     604.331,       0.000!   !END!
4404 ! X =      645.055,     5847.87,     607.192,       0.000!   !END!
4405 ! X =      645.055,     5847.37,     598.176,       0.000!   !END!
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4406 ! X =      645.055,     5846.87,     607.239,      0.000!  !END!
4407 ! X =      645.055,     5846.37,     595.471,      0.000!  !END!
4408 ! X =      645.055,     5845.87,     593.791,      0.000!  !END!
4409 ! X =      645.055,     5845.37,     595.289,      0.000!  !END!
4410 ! X =      645.055,     5844.87,     589.749,      0.000!  !END!
4411 ! X =      645.055,     5844.37,     589.045,      0.000!  !END!
4412 ! X =      645.055,     5843.87,     585.570,      0.000!  !END!
4413 ! X =      645.055,     5843.37,     589.084,      0.000!  !END!
4414 ! X =      645.055,     5842.87,     586.493,      0.000!  !END!
4415 ! X =      645.055,     5842.37,     589.522,      0.000!  !END!
4416 ! X =      645.055,     5841.87,     597.338,      0.000!  !END!
4417 ! X =      645.055,     5841.37,     607.304,      0.000!  !END!
4418 ! X =      645.555,     5858.87,     543.463,      0.000!  !END!
4419 ! X =      645.555,     5858.37,     538.000,      0.000!  !END!
4420 ! X =      645.555,     5857.87,     543.179,      0.000!  !END!
4421 ! X =      645.555,     5857.37,     539.900,      0.000!  !END!
4422 ! X =      645.555,     5856.87,     538.000,      0.000!  !END!
4423 ! X =      645.555,     5856.37,     570.256,      0.000!  !END!
4424 ! X =      645.555,     5855.87,     576.513,      0.000!  !END!
4425 ! X =      645.555,     5855.37,     553.724,      0.000!  !END!
4426 ! X =      645.555,     5854.87,     554.684,      0.000!  !END!
4427 ! X =      645.555,     5854.37,     553.000,      0.000!  !END!
4428 ! X =      645.555,     5853.87,     555.669,      0.000!  !END!
4429 ! X =      645.555,     5853.37,     559.703,      0.000!  !END!
4430 ! X =      645.555,     5852.87,     568.012,      0.000!  !END!
4431 ! X =      645.555,     5852.37,     568.486,      0.000!  !END!
4432 ! X =      645.555,     5851.87,     564.831,      0.000!  !END!
4433 ! X =      645.555,     5851.37,     564.157,      0.000!  !END!
4434 ! X =      645.555,     5850.87,     566.352,      0.000!  !END!
4435 ! X =      645.555,     5850.37,     565.916,      0.000!  !END!
4436 ! X =      645.555,     5849.87,     563.629,      0.000!  !END!
4437 ! X =      645.555,     5849.37,     560.838,      0.000!  !END!
4438 ! X =      645.555,     5848.87,     565.907,      0.000!  !END!
4439 ! X =      645.555,     5848.37,     578.193,      0.000!  !END!
4440 ! X =      645.555,     5847.87,     585.606,      0.000!  !END!
4441 ! X =      645.555,     5847.37,     599.556,      0.000!  !END!
4442 ! X =      645.555,     5846.87,     587.356,      0.000!  !END!
4443 ! X =      645.555,     5846.37,     589.671,      0.000!  !END!
4444 ! X =      645.555,     5845.87,     585.546,      0.000!  !END!
4445 ! X =      645.555,     5845.37,     581.000,      0.000!  !END!
4446 ! X =      645.555,     5844.87,     581.000,      0.000!  !END!
4447 ! X =      645.555,     5844.37,     581.000,      0.000!  !END!
4448 ! X =      645.555,     5843.87,     582.069,      0.000!  !END!
4449 ! X =      645.555,     5843.37,     582.731,      0.000!  !END!
4450 ! X =      645.555,     5842.87,     584.416,      0.000!  !END!
4451 ! X =      645.555,     5842.37,     591.938,      0.000!  !END!
4452 ! X =      645.555,     5841.87,     589.769,      0.000!  !END!
4453 ! X =      645.555,     5841.37,     589.237,      0.000!  !END!
4454 ! X =      646.055,     5858.87,     538.000,      0.000!  !END!
4455 ! X =      646.055,     5858.37,     538.000,      0.000!  !END!
4456 ! X =      646.055,     5857.87,     538.000,      0.000!  !END!
4457 ! X =      646.055,     5857.37,     538.000,      0.000!  !END!
4458 ! X =      646.055,     5856.87,     543.396,      0.000!  !END!
4459 ! X =      646.055,     5856.37,     548.581,      0.000!  !END!
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4460 ! X =        646.055,    5855.87,    564.464,        0.000!   !END!
4461 ! X =        646.055,    5855.37,    576.317,        0.000!   !END!
4462 ! X =        646.055,    5854.87,    560.278,        0.000!   !END!
4463 ! X =        646.055,    5854.37,    566.325,        0.000!   !END!
4464 ! X =        646.055,    5853.87,    573.929,        0.000!   !END!
4465 ! X =        646.055,    5853.37,    558.210,        0.000!   !END!
4466 ! X =        646.055,    5852.87,    551.000,        0.000!   !END!
4467 ! X =        646.055,    5852.37,    552.189,        0.000!   !END!
4468 ! X =        646.055,    5851.87,    554.033,        0.000!   !END!
4469 ! X =        646.055,    5851.37,    558.611,        0.000!   !END!
4470 ! X =        646.055,    5850.87,    556.376,        0.000!   !END!
4471 ! X =        646.055,    5850.37,    562.423,        0.000!   !END!
4472 ! X =        646.055,    5849.87,    563.505,        0.000!   !END!
4473 ! X =        646.055,    5849.37,    566.562,        0.000!   !END!
4474 ! X =        646.055,    5848.87,    564.843,        0.000!   !END!
4475 ! X =        646.055,    5848.37,    562.866,        0.000!   !END!
4476 ! X =        646.055,    5847.87,    563.748,        0.000!   !END!
4477 ! X =        646.055,    5847.37,    578.208,        0.000!   !END!
4478 ! X =        646.055,    5846.87,    585.761,        0.000!   !END!
4479 ! X =        646.055,    5846.37,    599.644,        0.000!   !END!
4480 ! X =        646.055,    5845.87,    593.092,        0.000!   !END!
4481 ! X =        646.055,    5845.37,    605.607,        0.000!   !END!
4482 ! X =        646.055,    5844.87,    602.740,        0.000!   !END!
4483 ! X =        646.055,    5844.37,    599.729,        0.000!   !END!
4484 ! X =        646.055,    5843.87,    596.028,        0.000!   !END!
4485 ! X =        646.055,    5843.37,    594.836,        0.000!   !END!
4486 ! X =        646.055,    5842.87,    588.191,        0.000!   !END!
4487 ! X =        646.055,    5842.37,    582.978,        0.000!   !END!
4488 ! X =        646.055,    5841.87,    579.000,        0.000!   !END!
4489 ! X =        646.055,    5841.37,    585.969,        0.000!   !END!
4490 ! X =        646.555,    5858.87,    542.008,        0.000!   !END!
4491 ! X =        646.555,    5858.37,    540.737,        0.000!   !END!
4492 ! X =        646.555,    5857.87,    538.511,        0.000!   !END!
4493 ! X =        646.555,    5857.37,    538.000,        0.000!   !END!
4494 ! X =        646.555,    5856.87,    538.000,        0.000!   !END!
4495 ! X =        646.555,    5856.37,    538.271,        0.000!   !END!
4496 ! X =        646.555,    5855.87,    545.831,        0.000!   !END!
4497 ! X =        646.555,    5855.37,    549.626,        0.000!   !END!
4498 ! X =        646.555,    5854.87,    563.081,        0.000!   !END!
4499 ! X =        646.555,    5854.37,    573.367,        0.000!   !END!
4500 ! X =        646.555,    5853.87,    582.603,        0.000!   !END!
4501 ! X =        646.555,    5853.37,    578.705,        0.000!   !END!
4502 ! X =        646.555,    5852.87,    563.113,        0.000!   !END!
4503 ! X =        646.555,    5852.37,    551.000,        0.000!   !END!
4504 ! X =        646.555,    5851.87,    551.000,        0.000!   !END!
4505 ! X =        646.555,    5851.37,    551.353,        0.000!   !END!
4506 ! X =        646.555,    5850.87,    555.372,        0.000!   !END!
4507 ! X =        646.555,    5850.37,    557.739,        0.000!   !END!
4508 ! X =        646.555,    5849.87,    562.788,        0.000!   !END!
4509 ! X =        646.555,    5849.37,    563.138,        0.000!   !END!
4510 ! X =        646.555,    5848.87,    564.658,        0.000!   !END!
4511 ! X =        646.555,    5848.37,    564.601,        0.000!   !END!
4512 ! X =        646.555,    5847.87,    564.055,        0.000!   !END!
4513 ! X =        646.555,    5847.37,    575.438,        0.000!   !END!
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4514 ! X =      646.555,    5846.87,    575.066,    0.000!   !END!
4515 ! X =      646.555,    5846.37,    584.815,    0.000!   !END!
4516 ! X =      646.555,    5845.87,    591.735,    0.000!   !END!
4517 ! X =      646.555,    5845.37,    595.081,    0.000!   !END!
4518 ! X =      646.555,    5844.87,    606.698,    0.000!   !END!
4519 ! X =      646.555,    5844.37,    606.274,    0.000!   !END!
4520 ! X =      646.555,    5843.87,    599.122,    0.000!   !END!
4521 ! X =      646.555,    5843.37,    598.330,    0.000!   !END!
4522 ! X =      646.555,    5842.87,    610.038,    0.000!   !END!
4523 ! X =      646.555,    5842.37,    594.398,    0.000!   !END!
4524 ! X =      646.555,    5841.87,    587.972,    0.000!   !END!
4525 ! X =      646.555,    5841.37,    581.676,    0.000!   !END!
4526 ! X =      647.055,    5858.87,    547.292,    0.000!   !END!
4527 ! X =      647.055,    5858.37,    558.632,    0.000!   !END!
4528 ! X =      647.055,    5857.87,    577.444,    0.000!   !END!
4529 ! X =      647.055,    5857.37,    568.778,    0.000!   !END!
4530 ! X =      647.055,    5856.87,    561.510,    0.000!   !END!
4531 ! X =      647.055,    5856.37,    547.729,    0.000!   !END!
4532 ! X =      647.055,    5855.87,    545.576,    0.000!   !END!
4533 ! X =      647.055,    5855.37,    538.264,    0.000!   !END!
4534 ! X =      647.055,    5854.87,    538.218,    0.000!   !END!
4535 ! X =      647.055,    5854.37,    541.757,    0.000!   !END!
4536 ! X =      647.055,    5853.87,    557.350,    0.000!   !END!
4537 ! X =      647.055,    5853.37,    574.371,    0.000!   !END!
4538 ! X =      647.055,    5852.87,    571.338,    0.000!   !END!
4539 ! X =      647.055,    5852.37,    561.223,    0.000!   !END!
4540 ! X =      647.055,    5851.87,    551.578,    0.000!   !END!
4541 ! X =      647.055,    5851.37,    554.632,    0.000!   !END!
4542 ! X =      647.055,    5850.87,    549.552,    0.000!   !END!
4543 ! X =      647.055,    5850.37,    556.591,    0.000!   !END!
4544 ! X =      647.055,    5849.87,    565.371,    0.000!   !END!
4545 ! X =      647.055,    5849.37,    568.026,    0.000!   !END!
4546 ! X =      647.055,    5848.87,    569.399,    0.000!   !END!
4547 ! X =      647.055,    5848.37,    564.974,    0.000!   !END!
4548 ! X =      647.055,    5847.87,    566.329,    0.000!   !END!
4549 ! X =      647.055,    5847.37,    567.219,    0.000!   !END!
4550 ! X =      647.055,    5846.87,    571.346,    0.000!   !END!
4551 ! X =      647.055,    5846.37,    571.839,    0.000!   !END!
4552 ! X =      647.055,    5845.87,    575.972,    0.000!   !END!
4553 ! X =      647.055,    5845.37,    581.772,    0.000!   !END!
4554 ! X =      647.055,    5844.87,    584.916,    0.000!   !END!
4555 ! X =      647.055,    5844.37,    588.634,    0.000!   !END!
4556 ! X =      647.055,    5843.87,    602.065,    0.000!   !END!
4557 ! X =      647.055,    5843.37,    624.846,    0.000!   !END!
4558 ! X =      647.055,    5842.87,    622.409,    0.000!   !END!
4559 ! X =      647.055,    5842.37,    610.987,    0.000!   !END!
4560 ! X =      647.055,    5841.87,    596.143,    0.000!   !END!
4561 ! X =      647.055,    5841.37,    596.591,    0.000!   !END!
4562 ! X =      647.555,    5858.87,    561.938,    0.000!   !END!
4563 ! X =      647.555,    5858.37,    557.429,    0.000!   !END!
4564 ! X =      647.555,    5857.87,    557.294,    0.000!   !END!
4565 ! X =      647.555,    5857.37,    565.258,    0.000!   !END!
4566 ! X =      647.555,    5856.87,    561.781,    0.000!   !END!
4567 ! X =      647.555,    5856.37,    558.615,    0.000!   !END!
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4568 ! X =      647.555,     5855.87,     559.419,      0.000!   !END!
4569 ! X =      647.555,     5855.37,     589.610,      0.000!   !END!
4570 ! X =      647.555,     5854.87,     577.804,      0.000!   !END!
4571 ! X =      647.555,     5854.37,     544.929,      0.000!   !END!
4572 ! X =      647.555,     5853.87,     544.777,      0.000!   !END!
4573 ! X =      647.555,     5853.37,     546.295,      0.000!   !END!
4574 ! X =      647.555,     5852.87,     567.084,      0.000!   !END!
4575 ! X =      647.555,     5852.37,     567.956,      0.000!   !END!
4576 ! X =      647.555,     5851.87,     566.619,      0.000!   !END!
4577 ! X =      647.555,     5851.37,     556.897,      0.000!   !END!
4578 ! X =      647.555,     5850.87,     557.235,      0.000!   !END!
4579 ! X =      647.555,     5850.37,     553.011,      0.000!   !END!
4580 ! X =      647.555,     5849.87,     562.331,      0.000!   !END!
4581 ! X =      647.555,     5849.37,     568.239,      0.000!   !END!
4582 ! X =      647.555,     5848.87,     570.092,      0.000!   !END!
4583 ! X =      647.555,     5848.37,     572.988,      0.000!   !END!
4584 ! X =      647.555,     5847.87,     574.145,      0.000!   !END!
4585 ! X =      647.555,     5847.37,     573.067,      0.000!   !END!
4586 ! X =      647.555,     5846.87,     574.913,      0.000!   !END!
4587 ! X =      647.555,     5846.37,     576.169,      0.000!   !END!
4588 ! X =      647.555,     5845.87,     575.947,      0.000!   !END!
4589 ! X =      647.555,     5845.37,     589.524,      0.000!   !END!
4590 ! X =      647.555,     5844.87,     592.701,      0.000!   !END!
4591 ! X =      647.555,     5844.37,     603.421,      0.000!   !END!
4592 ! X =      647.555,     5843.87,     619.806,      0.000!   !END!
4593 ! X =      647.555,     5843.37,     602.727,      0.000!   !END!
4594 ! X =      647.555,     5842.87,     609.202,      0.000!   !END!
4595 ! X =      647.555,     5842.37,     618.958,      0.000!   !END!
4596 ! X =      647.555,     5841.87,     615.742,      0.000!   !END!
4597 ! X =      647.555,     5841.37,     633.654,      0.000!   !END!
4598 ! X =      648.055,     5858.87,     570.019,      0.000!   !END!
4599 ! X =      648.055,     5858.37,     559.508,      0.000!   !END!
4600 ! X =      648.055,     5857.87,     554.811,      0.000!   !END!
4601 ! X =      648.055,     5857.37,     571.402,      0.000!   !END!
4602 ! X =      648.055,     5856.87,     573.787,      0.000!   !END!
4603 ! X =      648.055,     5856.37,     580.395,      0.000!   !END!
4604 ! X =      648.055,     5855.87,     605.236,      0.000!   !END!
4605 ! X =      648.055,     5855.37,     605.774,      0.000!   !END!
4606 ! X =      648.055,     5854.87,     613.266,      0.000!   !END!
4607 ! X =      648.055,     5854.37,     589.012,      0.000!   !END!
4608 ! X =      648.055,     5853.87,     580.752,      0.000!   !END!
4609 ! X =      648.055,     5853.37,     577.231,      0.000!   !END!
4610 ! X =      648.055,     5852.87,     542.097,      0.000!   !END!
4611 ! X =      648.055,     5852.37,     544.940,      0.000!   !END!
4612 ! X =      648.055,     5851.87,     546.756,      0.000!   !END!
4613 ! X =      648.055,     5851.37,     553.256,      0.000!   !END!
4614 ! X =      648.055,     5850.87,     553.852,      0.000!   !END!
4615 ! X =      648.055,     5850.37,     547.115,      0.000!   !END!
4616 ! X =      648.055,     5849.87,     550.857,      0.000!   !END!
4617 ! X =      648.055,     5849.37,     559.210,      0.000!   !END!
4618 ! X =      648.055,     5848.87,     567.057,      0.000!   !END!
4619 ! X =      648.055,     5848.37,     570.741,      0.000!   !END!
4620 ! X =      648.055,     5847.87,     576.434,      0.000!   !END!
4621 ! X =      648.055,     5847.37,     579.953,      0.000!   !END!
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4622 ! X =      648.055,     5846.87,     578.647,        0.000!    !END!
4623 ! X =      648.055,     5846.37,     581.469,        0.000!    !END!
4624 ! X =      648.055,     5845.87,     578.266,        0.000!    !END!
4625 ! X =      648.055,     5845.37,     583.698,        0.000!    !END!
4626 ! X =      648.055,     5844.87,     585.857,        0.000!    !END!
4627 ! X =      648.055,     5844.37,     597.842,        0.000!    !END!
4628 ! X =      648.055,     5843.87,     620.963,        0.000!    !END!
4629 ! X =      648.055,     5843.37,     652.633,        0.000!    !END!
4630 ! X =      648.055,     5842.87,     631.507,        0.000!    !END!
4631 ! X =      648.055,     5842.37,     613.199,        0.000!    !END!
4632 ! X =      648.055,     5841.87,     611.377,        0.000!    !END!
4633 ! X =      648.055,     5841.37,     622.382,        0.000!    !END!
4634 ! X =      648.555,     5858.87,     577.173,        0.000!    !END!
4635 ! X =      648.555,     5858.37,     566.496,        0.000!    !END!
4636 ! X =      648.555,     5857.87,     556.035,        0.000!    !END!
4637 ! X =      648.555,     5857.37,     581.325,        0.000!    !END!
4638 ! X =      648.555,     5856.87,     601.156,        0.000!    !END!
4639 ! X =      648.555,     5856.37,     587.110,        0.000!    !END!
4640 ! X =      648.555,     5855.87,     587.080,        0.000!    !END!
4641 ! X =      648.555,     5855.37,     589.959,        0.000!    !END!
4642 ! X =      648.555,     5854.87,     596.474,        0.000!    !END!
4643 ! X =      648.555,     5854.37,     598.942,        0.000!    !END!
4644 ! X =      648.555,     5853.87,     594.932,        0.000!    !END!
4645 ! X =      648.555,     5853.37,     599.553,        0.000!    !END!
4646 ! X =      648.555,     5852.87,     594.088,        0.000!    !END!
4647 ! X =      648.555,     5852.37,     583.925,        0.000!    !END!
4648 ! X =      648.555,     5851.87,     551.089,        0.000!    !END!
4649 ! X =      648.555,     5851.37,     558.631,        0.000!    !END!
4650 ! X =      648.555,     5850.87,     542.708,        0.000!    !END!
4651 ! X =      648.555,     5850.37,     552.681,        0.000!    !END!
4652 ! X =      648.555,     5849.87,     548.388,        0.000!    !END!
4653 ! X =      648.555,     5849.37,     544.120,        0.000!    !END!
4654 ! X =      648.555,     5848.87,     543.374,        0.000!    !END!
4655 ! X =      648.555,     5848.37,     544.392,        0.000!    !END!
4656 ! X =      648.555,     5847.87,     565.358,        0.000!    !END!
4657 ! X =      648.555,     5847.37,     573.128,        0.000!    !END!
4658 ! X =      648.555,     5846.87,     577.189,        0.000!    !END!
4659 ! X =      648.555,     5846.37,     578.902,        0.000!    !END!
4660 ! X =      648.555,     5845.87,     582.190,        0.000!    !END!
4661 ! X =      648.555,     5845.37,     586.182,        0.000!    !END!
4662 ! X =      648.555,     5844.87,     589.527,        0.000!    !END!
4663 ! X =      648.555,     5844.37,     613.636,        0.000!    !END!
4664 ! X =      648.555,     5843.87,     621.883,        0.000!    !END!
4665 ! X =      648.555,     5843.37,     626.210,        0.000!    !END!
4666 ! X =      648.555,     5842.87,     640.590,        0.000!    !END!
4667 ! X =      648.555,     5842.37,     642.229,        0.000!    !END!
4668 ! X =      648.555,     5841.87,     633.651,        0.000!    !END!
4669 ! X =      648.555,     5841.37,     630.569,        0.000!    !END!
4670 ! X =      649.055,     5858.87,     584.788,        0.000!    !END!
4671 ! X =      649.055,     5858.37,     577.919,        0.000!    !END!
4672 ! X =      649.055,     5857.87,     579.151,        0.000!    !END!
4673 ! X =      649.055,     5857.37,     583.614,        0.000!    !END!
4674 ! X =      649.055,     5856.87,     574.417,        0.000!    !END!
4675 ! X =      649.055,     5856.37,     579.059,        0.000!    !END!
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4676 ! X =        649.055,      5855.87,      577.376,        0.000!    !END!
4677 ! X =        649.055,      5855.37,      588.308,        0.000!    !END!
4678 ! X =        649.055,      5854.87,      590.597,        0.000!    !END!
4679 ! X =        649.055,      5854.37,      588.506,        0.000!    !END!
4680 ! X =        649.055,      5853.87,      604.016,        0.000!    !END!
4681 ! X =        649.055,      5853.37,      598.442,        0.000!    !END!
4682 ! X =        649.055,      5852.87,      608.473,        0.000!    !END!
4683 ! X =        649.055,      5852.37,      622.603,        0.000!    !END!
4684 ! X =        649.055,      5851.87,      633.690,        0.000!    !END!
4685 ! X =        649.055,      5851.37,      610.763,        0.000!    !END!
4686 ! X =        649.055,      5850.87,      577.401,        0.000!    !END!
4687 ! X =        649.055,      5850.37,      558.157,        0.000!    !END!
4688 ! X =        649.055,      5849.87,      545.453,        0.000!    !END!
4689 ! X =        649.055,      5849.37,      545.380,        0.000!    !END!
4690 ! X =        649.055,      5848.87,      545.303,        0.000!    !END!
4691 ! X =        649.055,      5848.37,      546.498,        0.000!    !END!
4692 ! X =        649.055,      5847.87,      543.975,        0.000!    !END!
4693 ! X =        649.055,      5847.37,      555.579,        0.000!    !END!
4694 ! X =        649.055,      5846.87,      567.788,        0.000!    !END!
4695 ! X =        649.055,      5846.37,      570.186,        0.000!    !END!
4696 ! X =        649.055,      5845.87,      572.229,        0.000!    !END!
4697 ! X =        649.055,      5845.37,      576.705,        0.000!    !END!
4698 ! X =        649.055,      5844.87,      581.879,        0.000!    !END!
4699 ! X =        649.055,      5844.37,      580.302,        0.000!    !END!
4700 ! X =        649.055,      5843.87,      579.978,        0.000!    !END!
4701 ! X =        649.055,      5843.37,      582.523,        0.000!    !END!
4702 ! X =        649.055,      5842.87,      609.689,        0.000!    !END!
4703 ! X =        649.055,      5842.37,      622.909,        0.000!    !END!
4704 ! X =        649.055,      5841.87,      625.592,        0.000!    !END!
4705 ! X =        649.055,      5841.37,      629.511,        0.000!    !END!
4706 ! X =        636.555,      5853.37,      597.945,        0.000!    !END!
4707 ! X =        636.555,      5852.87,      613.163,        0.000!    !END!
4708 ! X =        636.555,      5852.37,      651.948,        0.000!    !END!
4709 ! X =        636.555,      5851.87,      624.524,        0.000!    !END!
4710 ! X =        636.555,      5851.37,      635.651,        0.000!    !END!
4711 ! X =        636.555,      5850.87,      612.356,        0.000!    !END!
4712 ! X =        636.555,      5850.37,      617.667,        0.000!    !END!
4713 ! X =        636.555,      5849.87,      632.305,        0.000!    !END!
4714 ! X =        636.555,      5849.37,      669.288,        0.000!    !END!
4715 ! X =        636.555,      5848.87,      634.681,        0.000!    !END!
4716 ! X =        636.555,      5848.37,      607.589,        0.000!    !END!
4717 ! X =        636.555,      5847.87,      626.291,        0.000!    !END!
4718 ! X =        636.555,      5847.37,      612.090,        0.000!    !END!
4719 ! X =        636.555,      5846.87,      625.802,        0.000!    !END!
4720 ! X =        636.555,      5846.37,      609.234,        0.000!    !END!
4721 ! X =        636.555,      5845.87,      611.472,        0.000!    !END!
4722 ! X =        636.555,      5845.37,      598.553,        0.000!    !END!
4723 ! X =        636.555,      5844.87,      612.300,        0.000!    !END!
4724 ! X =        636.555,      5844.37,      610.934,        0.000!    !END!
4725 ! X =        636.555,      5843.87,      609.851,        0.000!    !END!
4726 ! X =        636.555,      5843.37,      621.511,        0.000!    !END!
4727 ! X =        636.555,      5842.87,      637.450,        0.000!    !END!
4728 ! X =        636.555,      5842.37,      634.193,        0.000!    !END!
4729 ! X =        636.555,      5841.87,      622.680,        0.000!    !END!
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4730 ! X =        636.555,      5841.37,      612.401,         0.000!    !END!
4731 ! X =        636.055,      5853.37,      608.807,         0.000!    !END!
4732 ! X =        636.055,      5852.87,      611.867,         0.000!    !END!
4733 ! X =        636.055,      5852.37,      627.851,         0.000!    !END!
4734 ! X =        636.055,      5851.87,      615.514,         0.000!    !END!
4735 ! X =        636.055,      5851.37,      611.725,         0.000!    !END!
4736 ! X =        636.055,      5850.87,      600.382,         0.000!    !END!
4737 ! X =        636.055,      5850.37,      599.650,         0.000!    !END!
4738 ! X =        636.055,      5849.87,      588.668,         0.000!    !END!
4739 ! X =        636.055,      5849.37,      578.000,         0.000!    !END!
4740 ! X =        636.055,      5848.87,      578.000,         0.000!    !END!
4741 ! X =        636.055,      5848.37,      578.050,         0.000!    !END!
4742 ! X =        636.055,      5847.87,      637.389,         0.000!    !END!
4743 ! X =        636.055,      5847.37,      639.112,         0.000!    !END!
4744 ! X =        636.055,      5846.87,      619.202,         0.000!    !END!
4745 ! X =        636.055,      5846.37,      608.093,         0.000!    !END!
4746 ! X =        636.055,      5845.87,      641.965,         0.000!    !END!
4747 ! X =        636.055,      5845.37,      647.817,         0.000!    !END!
4748 ! X =        636.055,      5844.87,      652.749,         0.000!    !END!
4749 ! X =        636.055,      5844.37,      627.979,         0.000!    !END!
4750 ! X =        636.055,      5843.87,      617.043,         0.000!    !END!
4751 ! X =        636.055,      5843.37,      623.027,         0.000!    !END!
4752 ! X =        636.055,      5842.87,      633.413,         0.000!    !END!
4753 ! X =        636.055,      5842.37,      616.397,         0.000!    !END!
4754 ! X =        636.055,      5841.87,      633.467,         0.000!    !END!
4755 ! X =        636.055,      5841.37,      628.478,         0.000!    !END!
4756 ! X =        635.555,      5853.37,      590.881,         0.000!    !END!
4757 ! X =        635.555,      5852.87,      588.024,         0.000!    !END!
4758 ! X =        635.555,      5852.37,      585.112,         0.000!    !END!
4759 ! X =        635.555,      5851.87,      578.000,         0.000!    !END!
4760 ! X =        635.555,      5851.37,      578.000,         0.000!    !END!
4761 ! X =        635.555,      5850.87,      578.000,         0.000!    !END!
4762 ! X =        635.555,      5850.37,      578.000,         0.000!    !END!
4763 ! X =        635.555,      5849.87,      582.025,         0.000!    !END!
4764 ! X =        635.555,      5849.37,      597.466,         0.000!    !END!
4765 ! X =        635.555,      5848.87,      602.950,         0.000!    !END!
4766 ! X =        635.555,      5848.37,      613.909,         0.000!    !END!
4767 ! X =        635.555,      5847.87,      650.408,         0.000!    !END!
4768 ! X =        635.555,      5847.37,      637.648,         0.000!    !END!
4769 ! X =        635.555,      5846.87,      617.302,         0.000!    !END!
4770 ! X =        635.555,      5846.37,      608.140,         0.000!    !END!
4771 ! X =        635.555,      5845.87,      615.675,         0.000!    !END!
4772 ! X =        635.555,      5845.37,      655.411,         0.000!    !END!
4773 ! X =        635.555,      5844.87,      663.073,         0.000!    !END!
4774 ! X =        635.555,      5844.37,      629.820,         0.000!    !END!
4775 ! X =        635.555,      5843.87,      636.656,         0.000!    !END!
4776 ! X =        635.555,      5843.37,      632.913,         0.000!    !END!
4777 ! X =        635.555,      5842.87,      627.372,         0.000!    !END!
4778 ! X =        635.555,      5842.37,      637.114,         0.000!    !END!
4779 ! X =        635.555,      5841.87,      649.576,         0.000!    !END!
4780 ! X =        635.555,      5841.37,      648.342,         0.000!    !END!
4781 ! X =        635.055,      5853.37,      578.000,         0.000!    !END!
4782 ! X =        635.055,      5852.87,      578.000,         0.000!    !END!
4783 ! X =        635.055,      5852.37,      582.802,         0.000!    !END!
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4784 ! X =      635.055,     5851.87,      578.000,        0.000!   !END!
4785 ! X =      635.055,     5851.37,      578.465,        0.000!   !END!
4786 ! X =      635.055,     5850.87,      598.063,        0.000!   !END!
4787 ! X =      635.055,     5850.37,      619.925,        0.000!   !END!
4788 ! X =      635.055,     5849.87,      636.311,        0.000!   !END!
4789 ! X =      635.055,     5849.37,      623.468,        0.000!   !END!
4790 ! X =      635.055,     5848.87,      615.237,        0.000!   !END!
4791 ! X =      635.055,     5848.37,      614.946,        0.000!   !END!
4792 ! X =      635.055,     5847.87,      598.132,        0.000!   !END!
4793 ! X =      635.055,     5847.37,      633.189,        0.000!   !END!
4794 ! X =      635.055,     5846.87,      614.197,        0.000!   !END!
4795 ! X =      635.055,     5846.37,      618.566,        0.000!   !END!
4796 ! X =      635.055,     5845.87,      624.376,        0.000!   !END!
4797 ! X =      635.055,     5845.37,      655.705,        0.000!   !END!
4798 ! X =      635.055,     5844.87,      672.171,        0.000!   !END!
4799 ! X =      635.055,     5844.37,      652.009,        0.000!   !END!
4800 ! X =      635.055,     5843.87,      639.592,        0.000!   !END!
4801 ! X =      635.055,     5843.37,      651.997,        0.000!   !END!
4802 ! X =      635.055,     5842.87,      642.368,        0.000!   !END!
4803 ! X =      635.055,     5842.37,      654.915,        0.000!   !END!
4804 ! X =      635.055,     5841.87,      640.137,        0.000!   !END!
4805 ! X =      635.055,     5841.37,      642.082,        0.000!   !END!
4806 ! X =      634.555,     5853.37,      584.605,        0.000!   !END!
4807 ! X =      634.555,     5852.87,      598.626,        0.000!   !END!
4808 ! X =      634.555,     5852.37,      597.309,        0.000!   !END!
4809 ! X =      634.555,     5851.87,      618.558,        0.000!   !END!
4810 ! X =      634.555,     5851.37,      619.177,        0.000!   !END!
4811 ! X =      634.555,     5850.87,      610.671,        0.000!   !END!
4812 ! X =      634.555,     5850.37,      638.236,        0.000!   !END!
4813 ! X =      634.555,     5849.87,      634.678,        0.000!   !END!
4814 ! X =      634.555,     5849.37,      630.472,        0.000!   !END!
4815 ! X =      634.555,     5848.87,      611.000,        0.000!   !END!
4816 ! X =      634.555,     5848.37,      616.458,        0.000!   !END!
4817 ! X =      634.555,     5847.87,      612.063,        0.000!   !END!
4818 ! X =      634.555,     5847.37,      615.478,        0.000!   !END!
4819 ! X =      634.555,     5846.87,      623.948,        0.000!   !END!
4820 ! X =      634.555,     5846.37,      636.815,        0.000!   !END!
4821 ! X =      634.555,     5845.87,      622.402,        0.000!   !END!
4822 ! X =      634.555,     5845.37,      619.487,        0.000!   !END!
4823 ! X =      634.555,     5844.87,      640.966,        0.000!   !END!
4824 ! X =      634.555,     5844.37,      666.815,        0.000!   !END!
4825 ! X =      634.555,     5843.87,      654.694,        0.000!   !END!
4826 ! X =      634.555,     5843.37,      656.917,        0.000!   !END!
4827 ! X =      634.555,     5842.87,      642.097,        0.000!   !END!
4828 ! X =      634.555,     5842.37,      687.702,        0.000!   !END!
4829 ! X =      634.555,     5841.87,      679.283,        0.000!   !END!
4830 ! X =      634.555,     5841.37,      668.568,        0.000!   !END!
4831 ! X =      634.055,     5853.37,      598.690,        0.000!   !END!
4832 ! X =      634.055,     5852.87,      614.563,        0.000!   !END!
4833 ! X =      634.055,     5852.37,      622.573,        0.000!   !END!
4834 ! X =      634.055,     5851.87,      613.159,        0.000!   !END!
4835 ! X =      634.055,     5851.37,      646.974,        0.000!   !END!
4836 ! X =      634.055,     5850.87,      661.700,        0.000!   !END!
4837 ! X =      634.055,     5850.37,      667.568,        0.000!   !END!
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4838 ! X =      634.055,    5849.87,    639.003,      0.000!   !END!
4839 ! X =      634.055,    5849.37,    613.956,      0.000!   !END!
4840 ! X =      634.055,    5848.87,    612.234,      0.000!   !END!
4841 ! X =      634.055,    5848.37,    611.000,      0.000!   !END!
4842 ! X =      634.055,    5847.87,    618.267,      0.000!   !END!
4843 ! X =      634.055,    5847.37,    618.214,      0.000!   !END!
4844 ! X =      634.055,    5846.87,    632.525,      0.000!   !END!
4845 ! X =      634.055,    5846.37,    644.178,      0.000!   !END!
4846 ! X =      634.055,    5845.87,    650.928,      0.000!   !END!
4847 ! X =      634.055,    5845.37,    665.252,      0.000!   !END!
4848 ! X =      634.055,    5844.87,    653.297,      0.000!   !END!
4849 ! X =      634.055,    5844.37,    675.698,      0.000!   !END!
4850 ! X =      634.055,    5843.87,    666.973,      0.000!   !END!
4851 ! X =      634.055,    5843.37,    650.352,      0.000!   !END!
4852 ! X =      634.055,    5842.87,    650.290,      0.000!   !END!
4853 ! X =      634.055,    5842.37,    665.011,      0.000!   !END!
4854 ! X =      634.055,    5841.87,    695.762,      0.000!   !END!
4855 ! X =      634.055,    5841.37,    673.406,      0.000!   !END!
4856 ! X =      633.555,    5853.37,    594.000,      0.000!   !END!
4857 ! X =      633.555,    5852.87,    598.859,      0.000!   !END!
4858 ! X =      633.555,    5852.37,    609.337,      0.000!   !END!
4859 ! X =      633.555,    5851.87,    594.000,      0.000!   !END!
4860 ! X =      633.555,    5851.37,    599.954,      0.000!   !END!
4861 ! X =      633.555,    5850.87,    642.083,      0.000!   !END!
4862 ! X =      633.555,    5850.37,    673.181,      0.000!   !END!
4863 ! X =      633.555,    5849.87,    628.760,      0.000!   !END!
4864 ! X =      633.555,    5849.37,    613.571,      0.000!   !END!
4865 ! X =      633.555,    5848.87,    641.309,      0.000!   !END!
4866 ! X =      633.555,    5848.37,    637.372,      0.000!   !END!
4867 ! X =      633.555,    5847.87,    616.350,      0.000!   !END!
4868 ! X =      633.555,    5847.37,    641.101,      0.000!   !END!
4869 ! X =      633.555,    5846.87,    662.830,      0.000!   !END!
4870 ! X =      633.555,    5846.37,    661.798,      0.000!   !END!
4871 ! X =      633.555,    5845.87,    683.577,      0.000!   !END!
4872 ! X =      633.555,    5845.37,    674.072,      0.000!   !END!
4873 ! X =      633.555,    5844.87,    676.622,      0.000!   !END!
4874 ! X =      633.555,    5844.37,    674.280,      0.000!   !END!
4875 ! X =      633.555,    5843.87,    674.672,      0.000!   !END!
4876 ! X =      633.555,    5843.37,    663.300,      0.000!   !END!
4877 ! X =      633.555,    5842.87,    688.546,      0.000!   !END!
4878 ! X =      633.555,    5842.37,    679.613,      0.000!   !END!
4879 ! X =      633.555,    5841.87,    664.005,      0.000!   !END!
4880 ! X =      633.555,    5841.37,    667.571,      0.000!   !END!
4881 ! X =      633.055,    5853.37,    594.446,      0.000!   !END!
4882 ! X =      633.055,    5852.87,    599.968,      0.000!   !END!
4883 ! X =      633.055,    5852.37,    597.227,      0.000!   !END!
4884 ! X =      633.055,    5851.87,    601.617,      0.000!   !END!
4885 ! X =      633.055,    5851.37,    594.000,      0.000!   !END!
4886 ! X =      633.055,    5850.87,    594.206,      0.000!   !END!
4887 ! X =      633.055,    5850.37,    627.494,      0.000!   !END!
4888 ! X =      633.055,    5849.87,    627.916,      0.000!   !END!
4889 ! X =      633.055,    5849.37,    621.155,      0.000!   !END!
4890 ! X =      633.055,    5848.87,    653.880,      0.000!   !END!
4891 ! X =      633.055,    5848.37,    659.306,      0.000!   !END!
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4892 ! X =        633.055,     5847.87,     661.465,       0.000!   !END!
4893 ! X =        633.055,     5847.37,     630.934,       0.000!   !END!
4894 ! X =        633.055,     5846.87,     655.033,       0.000!   !END!
4895 ! X =        633.055,     5846.37,     651.998,       0.000!   !END!
4896 ! X =        633.055,     5845.87,     660.074,       0.000!   !END!
4897 ! X =        633.055,     5845.37,     668.265,       0.000!   !END!
4898 ! X =        633.055,     5844.87,     699.148,       0.000!   !END!
4899 ! X =        633.055,     5844.37,     673.139,       0.000!   !END!
4900 ! X =        633.055,     5843.87,     687.078,       0.000!   !END!
4901 ! X =        633.055,     5843.37,     672.225,       0.000!   !END!
4902 ! X =        633.055,     5842.87,     645.279,       0.000!   !END!
4903 ! X =        633.055,     5842.37,     653.015,       0.000!   !END!
4904 ! X =        633.055,     5841.87,     670.337,       0.000!   !END!
4905 ! X =        633.055,     5841.37,     668.402,       0.000!   !END!
4906 ! X =        632.555,     5853.37,     596.997,       0.000!   !END!
4907 ! X =        632.555,     5852.87,     594.000,       0.000!   !END!
4908 ! X =        632.555,     5852.37,     610.516,       0.000!   !END!
4909 ! X =        632.555,     5851.87,     597.875,       0.000!   !END!
4910 ! X =        632.555,     5851.37,     606.329,       0.000!   !END!
4911 ! X =        632.555,     5850.87,     600.739,       0.000!   !END!
4912 ! X =        632.555,     5850.37,     628.061,       0.000!   !END!
4913 ! X =        632.555,     5849.87,     630.958,       0.000!   !END!
4914 ! X =        632.555,     5849.37,     634.698,       0.000!   !END!
4915 ! X =        632.555,     5848.87,     660.787,       0.000!   !END!
4916 ! X =        632.555,     5848.37,     653.207,       0.000!   !END!
4917 ! X =        632.555,     5847.87,     695.273,       0.000!   !END!
4918 ! X =        632.555,     5847.37,     656.845,       0.000!   !END!
4919 ! X =        632.555,     5846.87,     644.559,       0.000!   !END!
4920 ! X =        632.555,     5846.37,     666.729,       0.000!   !END!
4921 ! X =        632.555,     5845.87,     647.253,       0.000!   !END!
4922 ! X =        632.555,     5845.37,     640.609,       0.000!   !END!
4923 ! X =        632.555,     5844.87,     643.338,       0.000!   !END!
4924 ! X =        632.555,     5844.37,     644.783,       0.000!   !END!
4925 ! X =        632.555,     5843.87,     650.090,       0.000!   !END!
4926 ! X =        632.555,     5843.37,     659.753,       0.000!   !END!
4927 ! X =        632.555,     5842.87,     665.041,       0.000!   !END!
4928 ! X =        632.555,     5842.37,     650.770,       0.000!   !END!
4929 ! X =        632.555,     5841.87,     634.423,       0.000!   !END!
4930 ! X =        632.555,     5841.37,     629.308,       0.000!   !END!
4931 ! X =        632.055,     5853.37,     630.292,       0.000!   !END!
4932 ! X =        632.055,     5852.87,     594.000,       0.000!   !END!
4933 ! X =        632.055,     5852.37,     620.536,       0.000!   !END!
4934 ! X =        632.055,     5851.87,     609.352,       0.000!   !END!
4935 ! X =        632.055,     5851.37,     617.092,       0.000!   !END!
4936 ! X =        632.055,     5850.87,     645.411,       0.000!   !END!
4937 ! X =        632.055,     5850.37,     634.383,       0.000!   !END!
4938 ! X =        632.055,     5849.87,     625.421,       0.000!   !END!
4939 ! X =        632.055,     5849.37,     647.025,       0.000!   !END!
4940 ! X =        632.055,     5848.87,     668.023,       0.000!   !END!
4941 ! X =        632.055,     5848.37,     673.350,       0.000!   !END!
4942 ! X =        632.055,     5847.87,     671.422,       0.000!   !END!
4943 ! X =        632.055,     5847.37,     642.915,       0.000!   !END!
4944 ! X =        632.055,     5846.87,     648.380,       0.000!   !END!
4945 ! X =        632.055,     5846.37,     673.346,       0.000!   !END!
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4946 ! X =      632.055,    5845.87,    631.789,      0.000!   !END!
4947 ! X =      632.055,    5845.37,    637.616,      0.000!   !END!
4948 ! X =      632.055,    5844.87,    629.116,      0.000!   !END!
4949 ! X =      632.055,    5844.37,    641.562,      0.000!   !END!
4950 ! X =      632.055,    5843.87,    637.182,      0.000!   !END!
4951 ! X =      632.055,    5843.37,    627.000,      0.000!   !END!
4952 ! X =      632.055,    5842.87,    628.163,      0.000!   !END!
4953 ! X =      632.055,    5842.37,    627.036,      0.000!   !END!
4954 ! X =      632.055,    5841.87,    633.250,      0.000!   !END!
4955 ! X =      632.055,    5841.37,    637.824,      0.000!   !END!
4956 ! X =      631.555,    5853.37,    649.029,      0.000!   !END!
4957 ! X =      631.555,    5852.87,    604.756,      0.000!   !END!
4958 ! X =      631.555,    5852.37,    621.430,      0.000!   !END!
4959 ! X =      631.555,    5851.87,    639.889,      0.000!   !END!
4960 ! X =      631.555,    5851.37,    629.023,      0.000!   !END!
4961 ! X =      631.555,    5850.87,    654.555,      0.000!   !END!
4962 ! X =      631.555,    5850.37,    664.006,      0.000!   !END!
4963 ! X =      631.555,    5849.87,    634.204,      0.000!   !END!
4964 ! X =      631.555,    5849.37,    655.450,      0.000!   !END!
4965 ! X =      631.555,    5848.87,    655.133,      0.000!   !END!
4966 ! X =      631.555,    5848.37,    634.906,      0.000!   !END!
4967 ! X =      631.555,    5847.87,    633.000,      0.000!   !END!
4968 ! X =      631.555,    5847.37,    633.000,      0.000!   !END!
4969 ! X =      631.555,    5846.87,    633.000,      0.000!   !END!
4970 ! X =      631.555,    5846.37,    656.308,      0.000!   !END!
4971 ! X =      631.555,    5845.87,    643.965,      0.000!   !END!
4972 ! X =      631.555,    5845.37,    629.810,      0.000!   !END!
4973 ! X =      631.555,    5844.87,    638.240,      0.000!   !END!
4974 ! X =      631.555,    5844.37,    649.074,      0.000!   !END!
4975 ! X =      631.555,    5843.87,    644.469,      0.000!   !END!
4976 ! X =      631.555,    5843.37,    650.993,      0.000!   !END!
4977 ! X =      631.555,    5842.87,    658.476,      0.000!   !END!
4978 ! X =      631.555,    5842.37,    657.842,      0.000!   !END!
4979 ! X =      631.555,    5841.87,    660.613,      0.000!   !END!
4980 ! X =      631.555,    5841.37,    661.331,      0.000!   !END!
4981 ! X =      631.055,    5853.37,    607.560,      0.000!   !END!
4982 ! X =      631.055,    5852.87,    624.278,      0.000!   !END!
4983 ! X =      631.055,    5852.37,    620.042,      0.000!   !END!
4984 ! X =      631.055,    5851.87,    655.530,      0.000!   !END!
4985 ! X =      631.055,    5851.37,    683.954,      0.000!   !END!
4986 ! X =      631.055,    5850.87,    666.179,      0.000!   !END!
4987 ! X =      631.055,    5850.37,    670.849,      0.000!   !END!
4988 ! X =      631.055,    5849.87,    658.260,      0.000!   !END!
4989 ! X =      631.055,    5849.37,    658.398,      0.000!   !END!
4990 ! X =      631.055,    5848.87,    682.386,      0.000!   !END!
4991 ! X =      631.055,    5848.37,    670.046,      0.000!   !END!
4992 ! X =      631.055,    5847.87,    657.708,      0.000!   !END!
4993 ! X =      631.055,    5847.37,    649.771,      0.000!   !END!
4994 ! X =      631.055,    5846.87,    633.000,      0.000!   !END!
4995 ! X =      631.055,    5846.37,    638.872,      0.000!   !END!
4996 ! X =      631.055,    5845.87,    648.053,      0.000!   !END!
4997 ! X =      631.055,    5845.37,    648.101,      0.000!   !END!
4998 ! X =      631.055,    5844.87,    650.073,      0.000!   !END!
4999 ! X =      631.055,    5844.37,    679.110,      0.000!   !END!
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5000 ! X =      631.055,    5843.87,    696.116,      0.000!  !END!
5001 ! X =      631.055,    5843.37,    690.185,      0.000!  !END!
5002 ! X =      631.055,    5842.87,    686.288,      0.000!  !END!
5003 ! X =      631.055,    5842.37,    672.157,      0.000!  !END!
5004 ! X =      631.055,    5841.87,    652.049,      0.000!  !END!
5005 ! X =      631.055,    5841.37,    641.480,      0.000!  !END!
5006 ! X =      630.555,    5853.37,    609.744,      0.000!  !END!
5007 ! X =      630.555,    5852.87,    597.018,      0.000!  !END!
5008 ! X =      630.555,    5852.37,    617.063,      0.000!  !END!
5009 ! X =      630.555,    5851.87,    655.729,      0.000!  !END!
5010 ! X =      630.555,    5851.37,    666.779,      0.000!  !END!
5011 ! X =      630.555,    5850.87,    668.149,      0.000!  !END!
5012 ! X =      630.555,    5850.37,    682.269,      0.000!  !END!
5013 ! X =      630.555,    5849.87,    679.635,      0.000!  !END!
5014 ! X =      630.555,    5849.37,    680.385,      0.000!  !END!
5015 ! X =      630.555,    5848.87,    686.287,      0.000!  !END!
5016 ! X =      630.555,    5848.37,    686.738,      0.000!  !END!
5017 ! X =      630.555,    5847.87,    649.190,      0.000!  !END!
5018 ! X =      630.555,    5847.37,    655.553,      0.000!  !END!
5019 ! X =      630.555,    5846.87,    677.780,      0.000!  !END!
5020 ! X =      630.555,    5846.37,    640.470,      0.000!  !END!
5021 ! X =      630.555,    5845.87,    631.562,      0.000!  !END!
5022 ! X =      630.555,    5845.37,    648.808,      0.000!  !END!
5023 ! X =      630.555,    5844.87,    632.553,      0.000!  !END!
5024 ! X =      630.555,    5844.37,    629.000,      0.000!  !END!
5025 ! X =      630.555,    5843.87,    629.000,      0.000!  !END!
5026 ! X =      630.555,    5843.37,    638.530,      0.000!  !END!
5027 ! X =      630.555,    5842.87,    659.544,      0.000!  !END!
5028 ! X =      630.555,    5842.37,    654.890,      0.000!  !END!
5029 ! X =      630.555,    5841.87,    663.264,      0.000!  !END!
5030 ! X =      630.555,    5841.37,    661.335,      0.000!  !END!
5031 ! X =      630.055,    5853.37,    584.000,      0.000!  !END!
5032 ! X =      630.055,    5852.87,    584.000,      0.000!  !END!
5033 ! X =      630.055,    5852.37,    584.000,      0.000!  !END!
5034 ! X =      630.055,    5851.87,    586.652,      0.000!  !END!
5035 ! X =      630.055,    5851.37,    610.184,      0.000!  !END!
5036 ! X =      630.055,    5850.87,    631.342,      0.000!  !END!
5037 ! X =      630.055,    5850.37,    629.911,      0.000!  !END!
5038 ! X =      630.055,    5849.87,    663.271,      0.000!  !END!
5039 ! X =      630.055,    5849.37,    685.689,      0.000!  !END!
5040 ! X =      630.055,    5848.87,    682.767,      0.000!  !END!
5041 ! X =      630.055,    5848.37,    710.533,      0.000!  !END!
5042 ! X =      630.055,    5847.87,    627.960,      0.000!  !END!
5043 ! X =      630.055,    5847.37,    626.512,      0.000!  !END!
5044 ! X =      630.055,    5846.87,    640.601,      0.000!  !END!
5045 ! X =      630.055,    5846.37,    634.192,      0.000!  !END!
5046 ! X =      630.055,    5845.87,    640.076,      0.000!  !END!
5047 ! X =      630.055,    5845.37,    637.415,      0.000!  !END!
5048 ! X =      630.055,    5844.87,    643.551,      0.000!  !END!
5049 ! X =      630.055,    5844.37,    653.244,      0.000!  !END!
5050 ! X =      630.055,    5843.87,    657.728,      0.000!  !END!
5051 ! X =      630.055,    5843.37,    644.886,      0.000!  !END!
5052 ! X =      630.055,    5842.87,    638.545,      0.000!  !END!
5053 ! X =      630.055,    5842.37,    635.498,      0.000!  !END!
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5054 ! X =      630.055,     5841.87,     658.333,        0.000!    !END!
5055 ! X =      630.055,     5841.37,     664.476,        0.000!    !END!
5056 ! X =      629.555,     5853.37,     590.544,        0.000!    !END!
5057 ! X =      629.555,     5852.87,     595.497,        0.000!    !END!
5058 ! X =      629.555,     5852.37,     600.434,        0.000!    !END!
5059 ! X =      629.555,     5851.87,     602.620,        0.000!    !END!
5060 ! X =      629.555,     5851.37,     591.935,        0.000!    !END!
5061 ! X =      629.555,     5850.87,     584.178,        0.000!    !END!
5062 ! X =      629.555,     5850.37,     584.000,        0.000!    !END!
5063 ! X =      629.555,     5849.87,     644.470,        0.000!    !END!
5064 ! X =      629.555,     5849.37,     669.582,        0.000!    !END!
5065 ! X =      629.555,     5848.87,     676.173,        0.000!    !END!
5066 ! X =      629.555,     5848.37,     688.425,        0.000!    !END!
5067 ! X =      629.555,     5847.87,     614.864,        0.000!    !END!
5068 ! X =      629.555,     5847.37,     580.000,        0.000!    !END!
5069 ! X =      629.555,     5846.87,     580.000,        0.000!    !END!
5070 ! X =      629.555,     5846.37,     583.762,        0.000!    !END!
5071 ! X =      629.555,     5845.87,     640.950,        0.000!    !END!
5072 ! X =      629.555,     5845.37,     642.357,        0.000!    !END!
5073 ! X =      629.555,     5844.87,     669.552,        0.000!    !END!
5074 ! X =      629.555,     5844.37,     670.207,        0.000!    !END!
5075 ! X =      629.555,     5843.87,     649.467,        0.000!    !END!
5076 ! X =      629.555,     5843.37,     663.873,        0.000!    !END!
5077 ! X =      629.555,     5842.87,     681.503,        0.000!    !END!
5078 ! X =      629.555,     5842.37,     681.122,        0.000!    !END!
5079 ! X =      629.555,     5841.87,     662.843,        0.000!    !END!
5080 ! X =      629.555,     5841.37,     648.716,        0.000!    !END!
5081 ! X =      629.055,     5853.37,     636.054,        0.000!    !END!
5082 ! X =      629.055,     5852.87,     629.264,        0.000!    !END!
5083 ! X =      629.055,     5852.37,     628.020,        0.000!    !END!
5084 ! X =      629.055,     5851.87,     614.484,        0.000!    !END!
5085 ! X =      629.055,     5851.37,     613.990,        0.000!    !END!
5086 ! X =      629.055,     5850.87,     599.693,        0.000!    !END!
5087 ! X =      629.055,     5850.37,     584.000,        0.000!    !END!
5088 ! X =      629.055,     5849.87,     613.059,        0.000!    !END!
5089 ! X =      629.055,     5849.37,     616.200,        0.000!    !END!
5090 ! X =      629.055,     5848.87,     614.776,        0.000!    !END!
5091 ! X =      629.055,     5848.37,     616.272,        0.000!    !END!
5092 ! X =      629.055,     5847.87,     586.436,        0.000!    !END!
5093 ! X =      629.055,     5847.37,     580.431,        0.000!    !END!
5094 ! X =      629.055,     5846.87,     625.217,        0.000!    !END!
5095 ! X =      629.055,     5846.37,     671.751,        0.000!    !END!
5096 ! X =      629.055,     5845.87,     656.064,        0.000!    !END!
5097 ! X =      629.055,     5845.37,     653.518,        0.000!    !END!
5098 ! X =      629.055,     5844.87,     642.817,        0.000!    !END!
5099 ! X =      629.055,     5844.37,     688.251,        0.000!    !END!
5100 ! X =      629.055,     5843.87,     707.512,        0.000!    !END!
5101 ! X =      629.055,     5843.37,     698.690,        0.000!    !END!
5102 ! X =      629.055,     5842.87,     658.345,        0.000!    !END!
5103 ! X =      629.055,     5842.37,     621.840,        0.000!    !END!
5104 ! X =      629.055,     5841.87,     601.620,        0.000!    !END!
5105 ! X =      629.055,     5841.37,     580.865,        0.000!    !END!
5106 ! X =      628.555,     5853.37,     643.420,        0.000!    !END!
5107 ! X =      628.555,     5852.87,     661.602,        0.000!    !END!
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5108 ! X =        628.555,       5852.37,       631.114,        0.000!   !END!
5109 ! X =        628.555,       5851.87,       604.105,        0.000!   !END!
5110 ! X =        628.555,       5851.37,       597.965,        0.000!   !END!
5111 ! X =        628.555,       5850.87,       592.087,        0.000!   !END!
5112 ! X =        628.555,       5850.37,       584.000,        0.000!   !END!
5113 ! X =        628.555,       5849.87,       666.277,        0.000!   !END!
5114 ! X =        628.555,       5849.37,       620.852,        0.000!   !END!
5115 ! X =        628.555,       5848.87,       602.174,        0.000!   !END!
5116 ! X =        628.555,       5848.37,       581.210,        0.000!   !END!
5117 ! X =        628.555,       5847.87,       580.573,        0.000!   !END!
5118 ! X =        628.555,       5847.37,       645.116,        0.000!   !END!
5119 ! X =        628.555,       5846.87,       704.024,        0.000!   !END!
5120 ! X =        628.555,       5846.37,       688.154,        0.000!   !END!
5121 ! X =        628.555,       5845.87,       712.028,        0.000!   !END!
5122 ! X =        628.555,       5845.37,       695.454,        0.000!   !END!
5123 ! X =        628.555,       5844.87,       673.608,        0.000!   !END!
5124 ! X =        628.555,       5844.37,       667.492,        0.000!   !END!
5125 ! X =        628.555,       5843.87,       647.419,        0.000!   !END!
5126 ! X =        628.555,       5843.37,       603.447,        0.000!   !END!
5127 ! X =        628.555,       5842.87,       580.353,        0.000!   !END!
5128 ! X =        628.555,       5842.37,       570.000,        0.000!   !END!
5129 ! X =        628.555,       5841.87,       570.000,        0.000!   !END!
5130 ! X =        628.555,       5841.37,       570.000,        0.000!   !END!
5131 ! X =        628.055,       5853.37,       605.000,        0.000!   !END!
5132 ! X =        628.055,       5852.87,       609.561,        0.000!   !END!
5133 ! X =        628.055,       5852.37,       612.922,        0.000!   !END!
5134 ! X =        628.055,       5851.87,       608.287,        0.000!   !END!
5135 ! X =        628.055,       5851.37,       601.774,        0.000!   !END!
5136 ! X =        628.055,       5850.87,       595.094,        0.000!   !END!
5137 ! X =        628.055,       5850.37,       584.148,        0.000!   !END!
5138 ! X =        628.055,       5849.87,       602.815,        0.000!   !END!
5139 ! X =        628.055,       5849.37,       590.084,        0.000!   !END!
5140 ! X =        628.055,       5848.87,       585.700,        0.000!   !END!
5141 ! X =        628.055,       5848.37,       586.077,        0.000!   !END!
5142 ! X =        628.055,       5847.87,       581.237,        0.000!   !END!
5143 ! X =        628.055,       5847.37,       599.580,        0.000!   !END!
5144 ! X =        628.055,       5846.87,       647.869,        0.000!   !END!
5145 ! X =        628.055,       5846.37,       669.633,        0.000!   !END!
5146 ! X =        628.055,       5845.87,       667.208,        0.000!   !END!
5147 ! X =        628.055,       5845.37,       630.889,        0.000!   !END!
5148 ! X =        628.055,       5844.87,       613.718,        0.000!   !END!
5149 ! X =        628.055,       5844.37,       581.575,        0.000!   !END!
5150 ! X =        628.055,       5843.87,       570.000,        0.000!   !END!
5151 ! X =        628.055,       5843.37,       570.000,        0.000!   !END!
5152 ! X =        628.055,       5842.87,       570.000,        0.000!   !END!
5153 ! X =        628.055,       5842.37,       575.009,        0.000!   !END!
5154 ! X =        628.055,       5841.87,       585.372,        0.000!   !END!
5155 ! X =        628.055,       5841.37,       577.743,        0.000!   !END!
5156 ! X =        627.555,       5853.37,       630.897,        0.000!   !END!
5157 ! X =        627.555,       5852.87,       617.216,        0.000!   !END!
5158 ! X =        627.555,       5852.37,       614.394,        0.000!   !END!
5159 ! X =        627.555,       5851.87,       614.135,        0.000!   !END!
5160 ! X =        627.555,       5851.37,       608.750,        0.000!   !END!
5161 ! X =        627.555,       5850.87,       601.681,        0.000!   !END!
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5162 ! X =        627.555,      5850.37,      601.862,        0.000!    !END!
5163 ! X =        627.555,      5849.87,      597.799,        0.000!    !END!
5164 ! X =        627.555,      5849.37,      593.626,        0.000!    !END!
5165 ! X =        627.555,      5848.87,      595.379,        0.000!    !END!
5166 ! X =        627.555,      5848.37,      599.620,        0.000!    !END!
5167 ! X =        627.555,      5847.87,      589.848,        0.000!    !END!
5168 ! X =        627.555,      5847.37,      575.441,        0.000!    !END!
5169 ! X =        627.555,      5846.87,      577.568,        0.000!    !END!
5170 ! X =        627.555,      5846.37,      592.686,        0.000!    !END!
5171 ! X =        627.555,      5845.87,      589.697,        0.000!    !END!
5172 ! X =        627.555,      5845.37,      577.282,        0.000!    !END!
5173 ! X =        627.555,      5844.87,      578.874,        0.000!    !END!
5174 ! X =        627.555,      5844.37,      574.018,        0.000!    !END!
5175 ! X =        627.555,      5843.87,      571.128,        0.000!    !END!
5176 ! X =        627.555,      5843.37,      576.423,        0.000!    !END!
5177 ! X =        627.555,      5842.87,      590.844,        0.000!    !END!
5178 ! X =        627.555,      5842.37,      591.163,        0.000!    !END!
5179 ! X =        627.555,      5841.87,      589.165,        0.000!    !END!
5180 ! X =        627.555,      5841.37,      581.998,        0.000!    !END!
5181 ! X =        627.055,      5853.37,      619.286,        0.000!    !END!
5182 ! X =        627.055,      5852.87,      615.000,        0.000!    !END!
5183 ! X =        627.055,      5852.37,      615.639,        0.000!    !END!
5184 ! X =        627.055,      5851.87,      615.122,        0.000!    !END!
5185 ! X =        627.055,      5851.37,      627.026,        0.000!    !END!
5186 ! X =        627.055,      5850.87,      626.869,        0.000!    !END!
5187 ! X =        627.055,      5850.37,      636.006,        0.000!    !END!
5188 ! X =        627.055,      5849.87,      626.707,        0.000!    !END!
5189 ! X =        627.055,      5849.37,      623.576,        0.000!    !END!
5190 ! X =        627.055,      5848.87,      621.279,        0.000!    !END!
5191 ! X =        627.055,      5848.37,      615.007,        0.000!    !END!
5192 ! X =        627.055,      5847.87,      595.314,        0.000!    !END!
5193 ! X =        627.055,      5847.37,      591.657,        0.000!    !END!
5194 ! X =        627.055,      5846.87,      583.804,        0.000!    !END!
5195 ! X =        627.055,      5846.37,      581.861,        0.000!    !END!
5196 ! X =        627.055,      5845.87,      580.471,        0.000!    !END!
5197 ! X =        627.055,      5845.37,      593.786,        0.000!    !END!
5198 ! X =        627.055,      5844.87,      623.935,        0.000!    !END!
5199 ! X =        627.055,      5844.37,      634.274,        0.000!    !END!
5200 ! X =        627.055,      5843.87,      655.759,        0.000!    !END!
5201 ! X =        627.055,      5843.37,      654.205,        0.000!    !END!
5202 ! X =        627.055,      5842.87,      638.179,        0.000!    !END!
5203 ! X =        627.055,      5842.37,      606.331,        0.000!    !END!
5204 ! X =        627.055,      5841.87,      589.984,        0.000!    !END!
5205 ! X =        627.055,      5841.37,      590.422,        0.000!    !END!
5206 ! X =        626.555,      5853.37,      629.956,        0.000!    !END!
5207 ! X =        626.555,      5852.87,      632.717,        0.000!    !END!
5208 ! X =        626.555,      5852.37,      627.052,        0.000!    !END!
5209 ! X =        626.555,      5851.87,      624.631,        0.000!    !END!
5210 ! X =        626.555,      5851.37,      622.999,        0.000!    !END!
5211 ! X =        626.555,      5850.87,      619.241,        0.000!    !END!
5212 ! X =        626.555,      5850.37,      658.564,        0.000!    !END!
5213 ! X =        626.555,      5849.87,      632.436,        0.000!    !END!
5214 ! X =        626.555,      5849.37,      634.654,        0.000!    !END!
5215 ! X =        626.555,      5848.87,      634.396,        0.000!    !END!
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5216 ! X =      626.555,    5848.37,    630.355,      0.000!   !END!
5217 ! X =      626.555,    5847.87,    645.488,      0.000!   !END!
5218 ! X =      626.555,    5847.37,    641.026,      0.000!   !END!
5219 ! X =      626.555,    5846.87,    627.851,      0.000!   !END!
5220 ! X =      626.555,    5846.37,    647.234,      0.000!   !END!
5221 ! X =      626.555,    5845.87,    653.745,      0.000!   !END!
5222 ! X =      626.555,    5845.37,    633.600,      0.000!   !END!
5223 ! X =      626.555,    5844.87,    627.396,      0.000!   !END!
5224 ! X =      626.555,    5844.37,    654.497,      0.000!   !END!
5225 ! X =      626.555,    5843.87,    659.057,      0.000!   !END!
5226 ! X =      626.555,    5843.37,    642.662,      0.000!   !END!
5227 ! X =      626.555,    5842.87,    619.858,      0.000!   !END!
5228 ! X =      626.555,    5842.37,    598.048,      0.000!   !END!
5229 ! X =      626.555,    5841.87,    594.054,      0.000!   !END!
5230 ! X =      626.555,    5841.37,    627.173,      0.000!   !END!
5231 ! X =      626.055,    5853.37,    655.048,      0.000!   !END!
5232 ! X =      626.055,    5852.87,    641.433,      0.000!   !END!
5233 ! X =      626.055,    5852.37,    636.507,      0.000!   !END!
5234 ! X =      626.055,    5851.87,    631.951,      0.000!   !END!
5235 ! X =      626.055,    5851.37,    625.145,      0.000!   !END!
5236 ! X =      626.055,    5850.87,    620.719,      0.000!   !END!
5237 ! X =      626.055,    5850.37,    619.068,      0.000!   !END!
5238 ! X =      626.055,    5849.87,    661.045,      0.000!   !END!
5239 ! X =      626.055,    5849.37,    677.715,      0.000!   !END!
5240 ! X =      626.055,    5848.87,    645.976,      0.000!   !END!
5241 ! X =      626.055,    5848.37,    666.413,      0.000!   !END!
5242 ! X =      626.055,    5847.87,    659.044,      0.000!   !END!
5243 ! X =      626.055,    5847.37,    631.000,      0.000!   !END!
5244 ! X =      626.055,    5846.87,    642.578,      0.000!   !END!
5245 ! X =      626.055,    5846.37,    665.148,      0.000!   !END!
5246 ! X =      626.055,    5845.87,    658.526,      0.000!   !END!
5247 ! X =      626.055,    5845.37,    639.247,      0.000!   !END!
5248 ! X =      626.055,    5844.87,    642.614,      0.000!   !END!
5249 ! X =      626.055,    5844.37,    639.161,      0.000!   !END!
5250 ! X =      626.055,    5843.87,    639.566,      0.000!   !END!
5251 ! X =      626.055,    5843.37,    640.544,      0.000!   !END!
5252 ! X =      626.055,    5842.87,    610.584,      0.000!   !END!
5253 ! X =      626.055,    5842.37,    596.196,      0.000!   !END!
5254 ! X =      626.055,    5841.87,    589.783,      0.000!   !END!
5255 ! X =      626.055,    5841.37,    589.906,      0.000!   !END!
5256 ! X =      625.555,    5853.37,    662.466,      0.000!   !END!
5257 ! X =      625.555,    5852.87,    652.207,      0.000!   !END!
5258 ! X =      625.555,    5852.37,    646.038,      0.000!   !END!
5259 ! X =      625.555,    5851.87,    641.876,      0.000!   !END!
5260 ! X =      625.555,    5851.37,    635.151,      0.000!   !END!
5261 ! X =      625.555,    5850.87,    632.426,      0.000!   !END!
5262 ! X =      625.555,    5850.37,    640.817,      0.000!   !END!
5263 ! X =      625.555,    5849.87,    657.210,      0.000!   !END!
5264 ! X =      625.555,    5849.37,    642.601,      0.000!   !END!
5265 ! X =      625.555,    5848.87,    635.143,      0.000!   !END!
5266 ! X =      625.555,    5848.37,    633.217,      0.000!   !END!
5267 ! X =      625.555,    5847.87,    632.984,      0.000!   !END!
5268 ! X =      625.555,    5847.37,    677.529,      0.000!   !END!
5269 ! X =      625.555,    5846.87,    710.644,      0.000!   !END!
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5270 ! X =      625.555,    5846.37,    713.100,      0.000!   !END!
5271 ! X =      625.555,    5845.87,    673.181,      0.000!   !END!
5272 ! X =      625.555,    5845.37,    642.309,      0.000!   !END!
5273 ! X =      625.555,    5844.87,    641.746,      0.000!   !END!
5274 ! X =      625.555,    5844.37,    642.026,      0.000!   !END!
5275 ! X =      625.555,    5843.87,    633.564,      0.000!   !END!
5276 ! X =      625.555,    5843.37,    611.350,      0.000!   !END!
5277 ! X =      625.555,    5842.87,    589.958,      0.000!   !END!
5278 ! X =      625.555,    5842.37,    584.946,      0.000!   !END!
5279 ! X =      625.555,    5841.87,    580.209,      0.000!   !END!
5280 ! X =      625.555,    5841.37,    576.139,      0.000!   !END!
5281 ! X =      625.055,    5853.37,    672.113,      0.000!   !END!
5282 ! X =      625.055,    5852.87,    659.459,      0.000!   !END!
5283 ! X =      625.055,    5852.37,    661.324,      0.000!   !END!
5284 ! X =      625.055,    5851.87,    657.100,      0.000!   !END!
5285 ! X =      625.055,    5851.37,    643.958,      0.000!   !END!
5286 ! X =      625.055,    5850.87,    643.943,      0.000!   !END!
5287 ! X =      625.055,    5850.37,    657.482,      0.000!   !END!
5288 ! X =      625.055,    5849.87,    641.186,      0.000!   !END!
5289 ! X =      625.055,    5849.37,    639.275,      0.000!   !END!
5290 ! X =      625.055,    5848.87,    653.988,      0.000!   !END!
5291 ! X =      625.055,    5848.37,    652.841,      0.000!   !END!
5292 ! X =      625.055,    5847.87,    631.128,      0.000!   !END!
5293 ! X =      625.055,    5847.37,    672.783,      0.000!   !END!
5294 ! X =      625.055,    5846.87,    687.703,      0.000!   !END!
5295 ! X =      625.055,    5846.37,    658.798,      0.000!   !END!
5296 ! X =      625.055,    5845.87,    648.024,      0.000!   !END!
5297 ! X =      625.055,    5845.37,    631.927,      0.000!   !END!
5298 ! X =      625.055,    5844.87,    624.720,      0.000!   !END!
5299 ! X =      625.055,    5844.37,    615.244,      0.000!   !END!
5300 ! X =      625.055,    5843.87,    605.169,      0.000!   !END!
5301 ! X =      625.055,    5843.37,    604.609,      0.000!   !END!
5302 ! X =      625.055,    5842.87,    600.476,      0.000!   !END!
5303 ! X =      625.055,    5842.37,    591.559,      0.000!   !END!
5304 ! X =      625.055,    5841.87,    585.332,      0.000!   !END!
5305 ! X =      625.055,    5841.37,    586.000,      0.000!   !END!
5306 ! X =      624.555,    5853.37,    687.753,      0.000!   !END!
5307 ! X =      624.555,    5852.87,    697.558,      0.000!   !END!
5308 ! X =      624.555,    5852.37,    681.383,      0.000!   !END!
5309 ! X =      624.555,    5851.87,    655.910,      0.000!   !END!
5310 ! X =      624.555,    5851.37,    657.347,      0.000!   !END!
5311 ! X =      624.555,    5850.87,    648.115,      0.000!   !END!
5312 ! X =      624.555,    5850.37,    658.240,      0.000!   !END!
5313 ! X =      624.555,    5849.87,    688.322,      0.000!   !END!
5314 ! X =      624.555,    5849.37,    692.205,      0.000!   !END!
5315 ! X =      624.555,    5848.87,    730.920,      0.000!   !END!
5316 ! X =      624.555,    5848.37,    693.273,      0.000!   !END!
5317 ! X =      624.555,    5847.87,    647.731,      0.000!   !END!
5318 ! X =      624.555,    5847.37,    636.857,      0.000!   !END!
5319 ! X =      624.555,    5846.87,    635.521,      0.000!   !END!
5320 ! X =      624.555,    5846.37,    645.827,      0.000!   !END!
5321 ! X =      624.555,    5845.87,    640.745,      0.000!   !END!
5322 ! X =      624.555,    5845.37,    635.772,      0.000!   !END!
5323 ! X =      624.555,    5844.87,    622.574,      0.000!   !END!
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5324 ! X =      624.555,     5844.37,     624.412,       0.000!   !END!
5325 ! X =      624.555,     5843.87,     621.407,       0.000!   !END!
5326 ! X =      624.555,     5843.37,     607.223,       0.000!   !END!
5327 ! X =      624.555,     5842.87,     610.009,       0.000!   !END!
5328 ! X =      624.555,     5842.37,     602.061,       0.000!   !END!
5329 ! X =      624.555,     5841.87,     603.255,       0.000!   !END!
5330 ! X =      624.555,     5841.37,     600.789,       0.000!   !END!
5331 ! X =      624.055,     5853.37,     735.386,       0.000!   !END!
5332 ! X =      624.055,     5852.87,     728.228,       0.000!   !END!
5333 ! X =      624.055,     5852.37,     704.218,       0.000!   !END!
5334 ! X =      624.055,     5851.87,     696.620,       0.000!   !END!
5335 ! X =      624.055,     5851.37,     702.216,       0.000!   !END!
5336 ! X =      624.055,     5850.87,     681.215,       0.000!   !END!
5337 ! X =      624.055,     5850.37,     726.920,       0.000!   !END!
5338 ! X =      624.055,     5849.87,     747.413,       0.000!   !END!
5339 ! X =      624.055,     5849.37,     730.537,       0.000!   !END!
5340 ! X =      624.055,     5848.87,     806.035,       0.000!   !END!
5341 ! X =      624.055,     5848.37,     746.802,       0.000!   !END!
5342 ! X =      624.055,     5847.87,     698.736,       0.000!   !END!
5343 ! X =      624.055,     5847.37,     718.063,       0.000!   !END!
5344 ! X =      624.055,     5846.87,     670.712,       0.000!   !END!
5345 ! X =      624.055,     5846.37,     674.828,       0.000!   !END!
5346 ! X =      624.055,     5845.87,     672.411,       0.000!   !END!
5347 ! X =      624.055,     5845.37,     651.291,       0.000!   !END!
5348 ! X =      624.055,     5844.87,     651.772,       0.000!   !END!
5349 ! X =      624.055,     5844.37,     639.511,       0.000!   !END!
5350 ! X =      624.055,     5843.87,     630.163,       0.000!   !END!
5351 ! X =      624.055,     5843.37,     619.889,       0.000!   !END!
5352 ! X =      624.055,     5842.87,     624.493,       0.000!   !END!
5353 ! X =      624.055,     5842.37,     623.838,       0.000!   !END!
5354 ! X =      624.055,     5841.87,     635.576,       0.000!   !END!
5355 ! X =      624.055,     5841.37,     651.479,       0.000!   !END!
5356 ! X =      623.555,     5853.37,     735.574,       0.000!   !END!
5357 ! X =      623.555,     5852.87,     699.760,       0.000!   !END!
5358 ! X =      623.555,     5852.37,     697.961,       0.000!   !END!
5359 ! X =      623.555,     5851.87,     738.374,       0.000!   !END!
5360 ! X =      623.555,     5851.37,     752.445,       0.000!   !END!
5361 ! X =      623.555,     5850.87,     751.772,       0.000!   !END!
5362 ! X =      623.555,     5850.37,     746.837,       0.000!   !END!
5363 ! X =      623.555,     5849.87,     743.040,       0.000!   !END!
5364 ! X =      623.555,     5849.37,     736.044,       0.000!   !END!
5365 ! X =      623.555,     5848.87,     787.440,       0.000!   !END!
5366 ! X =      623.555,     5848.37,     746.751,       0.000!   !END!
5367 ! X =      623.555,     5847.87,     720.688,       0.000!   !END!
5368 ! X =      623.555,     5847.37,     701.648,       0.000!   !END!
5369 ! X =      623.555,     5846.87,     702.645,       0.000!   !END!
5370 ! X =      623.555,     5846.37,     695.014,       0.000!   !END!
5371 ! X =      623.555,     5845.87,     670.607,       0.000!   !END!
5372 ! X =      623.555,     5845.37,     666.162,       0.000!   !END!
5373 ! X =      623.555,     5844.87,     661.957,       0.000!   !END!
5374 ! X =      623.555,     5844.37,     685.460,       0.000!   !END!
5375 ! X =      623.555,     5843.87,     680.796,       0.000!   !END!
5376 ! X =      623.555,     5843.37,     663.014,       0.000!   !END!
5377 ! X =      623.555,     5842.87,     659.134,       0.000!   !END!
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5378 ! X =      623.555,     5842.37,     664.274,      0.000!   !END!
5379 ! X =      623.555,     5841.87,     679.743,      0.000!   !END!
5380 ! X =      623.555,     5841.37,     668.583,      0.000!   !END!
5381 ! X =      623.055,     5853.37,     709.105,      0.000!   !END!
5382 ! X =      623.055,     5852.87,     682.794,      0.000!   !END!
5383 ! X =      623.055,     5852.37,     733.287,      0.000!   !END!
5384 ! X =      623.055,     5851.87,     787.934,      0.000!   !END!
5385 ! X =      623.055,     5851.37,     789.194,      0.000!   !END!
5386 ! X =      623.055,     5850.87,     752.526,      0.000!   !END!
5387 ! X =      623.055,     5850.37,     743.826,      0.000!   !END!
5388 ! X =      623.055,     5849.87,     752.911,      0.000!   !END!
5389 ! X =      623.055,     5849.37,     752.653,      0.000!   !END!
5390 ! X =      623.055,     5848.87,     733.030,      0.000!   !END!
5391 ! X =      623.055,     5848.37,     733.187,      0.000!   !END!
5392 ! X =      623.055,     5847.87,     745.289,      0.000!   !END!
5393 ! X =      623.055,     5847.37,     747.063,      0.000!   !END!
5394 ! X =      623.055,     5846.87,     742.350,      0.000!   !END!
5395 ! X =      623.055,     5846.37,     718.610,      0.000!   !END!
5396 ! X =      623.055,     5845.87,     683.799,      0.000!   !END!
5397 ! X =      623.055,     5845.37,     700.849,      0.000!   !END!
5398 ! X =      623.055,     5844.87,     669.505,      0.000!   !END!
5399 ! X =      623.055,     5844.37,     702.429,      0.000!   !END!
5400 ! X =      623.055,     5843.87,     688.838,      0.000!   !END!
5401 ! X =      623.055,     5843.37,     692.345,      0.000!   !END!
5402 ! X =      623.055,     5842.87,     686.142,      0.000!   !END!
5403 ! X =      623.055,     5842.37,     680.827,      0.000!   !END!
5404 ! X =      623.055,     5841.87,     678.182,      0.000!   !END!
5405 ! X =      623.055,     5841.37,     676.882,      0.000!   !END!
5406 ! X =      622.555,     5853.37,     682.000,      0.000!   !END!
5407 ! X =      622.555,     5852.87,     743.874,      0.000!   !END!
5408 ! X =      622.555,     5852.37,     735.879,      0.000!   !END!
5409 ! X =      622.555,     5851.87,     728.459,      0.000!   !END!
5410 ! X =      622.555,     5851.37,     747.096,      0.000!   !END!
5411 ! X =      622.555,     5850.87,     757.678,      0.000!   !END!
5412 ! X =      622.555,     5850.37,     726.125,      0.000!   !END!
5413 ! X =      622.555,     5849.87,     752.332,      0.000!   !END!
5414 ! X =      622.555,     5849.37,     799.093,      0.000!   !END!
5415 ! X =      622.555,     5848.87,     790.989,      0.000!   !END!
5416 ! X =      622.555,     5848.37,     777.440,      0.000!   !END!
5417 ! X =      622.555,     5847.87,     781.390,      0.000!   !END!
5418 ! X =      622.555,     5847.37,     776.453,      0.000!   !END!
5419 ! X =      622.555,     5846.87,     778.407,      0.000!   !END!
5420 ! X =      622.555,     5846.37,     736.656,      0.000!   !END!
5421 ! X =      622.555,     5845.87,     694.150,      0.000!   !END!
5422 ! X =      622.555,     5845.37,     707.093,      0.000!   !END!
5423 ! X =      622.555,     5844.87,     674.422,      0.000!   !END!
5424 ! X =      622.555,     5844.37,     676.984,      0.000!   !END!
5425 ! X =      622.555,     5843.87,     680.779,      0.000!   !END!
5426 ! X =      622.555,     5843.37,     660.746,      0.000!   !END!
5427 ! X =      622.555,     5842.87,     673.630,      0.000!   !END!
5428 ! X =      622.555,     5842.37,     672.957,      0.000!   !END!
5429 ! X =      622.555,     5841.87,     648.145,      0.000!   !END!
5430 ! X =      622.555,     5841.37,     624.903,      0.000!   !END!
5431 ! X =      622.055,     5853.37,     688.998,      0.000!   !END!
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5432 ! X =      622.055,     5852.87,     682.000,        0.000!    !END!
5433 ! X =      622.055,     5852.37,     688.822,        0.000!    !END!
5434 ! X =      622.055,     5851.87,     694.251,        0.000!    !END!
5435 ! X =      622.055,     5851.37,     812.816,        0.000!    !END!
5436 ! X =      622.055,     5850.87,     748.495,        0.000!    !END!
5437 ! X =      622.055,     5850.37,     726.000,        0.000!    !END!
5438 ! X =      622.055,     5849.87,     726.000,        0.000!    !END!
5439 ! X =      622.055,     5849.37,     726.000,        0.000!    !END!
5440 ! X =      622.055,     5848.87,     726.000,        0.000!    !END!
5441 ! X =      622.055,     5848.37,     726.000,        0.000!    !END!
5442 ! X =      622.055,     5847.87,     726.000,        0.000!    !END!
5443 ! X =      622.055,     5847.37,     726.000,        0.000!    !END!
5444 ! X =      622.055,     5846.87,     759.921,        0.000!    !END!
5445 ! X =      622.055,     5846.37,     728.397,        0.000!    !END!
5446 ! X =      622.055,     5845.87,     702.337,        0.000!    !END!
5447 ! X =      622.055,     5845.37,     694.189,        0.000!    !END!
5448 ! X =      622.055,     5844.87,     690.517,        0.000!    !END!
5449 ! X =      622.055,     5844.37,     687.876,        0.000!    !END!
5450 ! X =      622.055,     5843.87,     680.279,        0.000!    !END!
5451 ! X =      622.055,     5843.37,     666.739,        0.000!    !END!
5452 ! X =      622.055,     5842.87,     644.310,        0.000!    !END!
5453 ! X =      622.055,     5842.37,     629.057,        0.000!    !END!
5454 ! X =      622.055,     5841.87,     613.709,        0.000!    !END!
5455 ! X =      622.055,     5841.37,     609.338,        0.000!    !END!
5456 ! X =      621.555,     5853.37,     703.514,        0.000!    !END!
5457 ! X =      621.555,     5852.87,     682.686,        0.000!    !END!
5458 ! X =      621.555,     5852.37,     740.567,        0.000!    !END!
5459 ! X =      621.555,     5851.87,     705.309,        0.000!    !END!
5460 ! X =      621.555,     5851.37,     812.346,        0.000!    !END!
5461 ! X =      621.555,     5850.87,     772.815,        0.000!    !END!
5462 ! X =      621.555,     5850.37,     751.221,        0.000!    !END!
5463 ! X =      621.555,     5849.87,     726.568,        0.000!    !END!
5464 ! X =      621.555,     5849.37,     731.567,        0.000!    !END!
5465 ! X =      621.555,     5848.87,     728.230,        0.000!    !END!
5466 ! X =      621.555,     5848.37,     727.175,        0.000!    !END!
5467 ! X =      621.555,     5847.87,     726.000,        0.000!    !END!
5468 ! X =      621.555,     5847.37,     726.000,        0.000!    !END!
5469 ! X =      621.555,     5846.87,     729.155,        0.000!    !END!
5470 ! X =      621.555,     5846.37,     735.615,        0.000!    !END!
5471 ! X =      621.555,     5845.87,     723.995,        0.000!    !END!
5472 ! X =      621.555,     5845.37,     699.162,        0.000!    !END!
5473 ! X =      621.555,     5844.87,     703.342,        0.000!    !END!
5474 ! X =      621.555,     5844.37,     703.781,        0.000!    !END!
5475 ! X =      621.555,     5843.87,     695.144,        0.000!    !END!
5476 ! X =      621.555,     5843.37,     661.683,        0.000!    !END!
5477 ! X =      621.555,     5842.87,     654.553,        0.000!    !END!
5478 ! X =      621.555,     5842.37,     638.018,        0.000!    !END!
5479 ! X =      621.555,     5841.87,     628.667,        0.000!    !END!
5480 ! X =      621.555,     5841.37,     621.551,        0.000!    !END!
5481 ! X =      621.055,     5853.37,     698.827,        0.000!    !END!
5482 ! X =      621.055,     5852.87,     717.761,        0.000!    !END!
5483 ! X =      621.055,     5852.37,     765.278,        0.000!    !END!
5484 ! X =      621.055,     5851.87,     773.058,        0.000!    !END!
5485 ! X =      621.055,     5851.37,     814.025,        0.000!    !END!
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5486 ! X =        621.055,      5850.87,      795.580,        0.000!    !END!
5487 ! X =        621.055,      5850.37,      772.308,        0.000!    !END!
5488 ! X =        621.055,      5849.87,      797.537,        0.000!    !END!
5489 ! X =        621.055,      5849.37,      810.490,        0.000!    !END!
5490 ! X =        621.055,      5848.87,      755.865,        0.000!    !END!
5491 ! X =        621.055,      5848.37,      731.813,        0.000!    !END!
5492 ! X =        621.055,      5847.87,      735.986,        0.000!    !END!
5493 ! X =        621.055,      5847.37,      734.817,        0.000!    !END!
5494 ! X =        621.055,      5846.87,      763.673,        0.000!    !END!
5495 ! X =        621.055,      5846.37,      760.672,        0.000!    !END!
5496 ! X =        621.055,      5845.87,      716.863,        0.000!    !END!
5497 ! X =        621.055,      5845.37,      725.915,        0.000!    !END!
5498 ! X =        621.055,      5844.87,      759.858,        0.000!    !END!
5499 ! X =        621.055,      5844.37,      705.590,        0.000!    !END!
5500 ! X =        621.055,      5843.87,      680.873,        0.000!    !END!
5501 ! X =        621.055,      5843.37,      672.966,        0.000!    !END!
5502 ! X =        621.055,      5842.87,      664.321,        0.000!    !END!
5503 ! X =        621.055,      5842.37,      649.168,        0.000!    !END!
5504 ! X =        621.055,      5841.87,      640.259,        0.000!    !END!
5505 ! X =        621.055,      5841.37,      626.146,        0.000!    !END!
5506 ! X =        620.555,      5853.37,      700.406,        0.000!    !END!
5507 ! X =        620.555,      5852.87,      699.243,        0.000!    !END!
5508 ! X =        620.555,      5852.37,      768.768,        0.000!    !END!
5509 ! X =        620.555,      5851.87,      792.535,        0.000!    !END!
5510 ! X =        620.555,      5851.37,      777.245,        0.000!    !END!
5511 ! X =        620.555,      5850.87,      746.263,        0.000!    !END!
5512 ! X =        620.555,      5850.37,      775.114,        0.000!    !END!
5513 ! X =        620.555,      5849.87,      790.730,        0.000!    !END!
5514 ! X =        620.555,      5849.37,      755.493,        0.000!    !END!
5515 ! X =        620.555,      5848.87,      731.506,        0.000!    !END!
5516 ! X =        620.555,      5848.37,      769.708,        0.000!    !END!
5517 ! X =        620.555,      5847.87,      796.700,        0.000!    !END!
5518 ! X =        620.555,      5847.37,      822.805,        0.000!    !END!
5519 ! X =        620.555,      5846.87,      798.785,        0.000!    !END!
5520 ! X =        620.555,      5846.37,      749.191,        0.000!    !END!
5521 ! X =        620.555,      5845.87,      738.800,        0.000!    !END!
5522 ! X =        620.555,      5845.37,      751.530,        0.000!    !END!
5523 ! X =        620.555,      5844.87,      703.749,        0.000!    !END!
5524 ! X =        620.555,      5844.37,      673.929,        0.000!    !END!
5525 ! X =        620.555,      5843.87,      657.686,        0.000!    !END!
5526 ! X =        620.555,      5843.37,      643.446,        0.000!    !END!
5527 ! X =        620.555,      5842.87,      638.672,        0.000!    !END!
5528 ! X =        620.555,      5842.37,      635.564,        0.000!    !END!
5529 ! X =        620.555,      5841.87,      618.564,        0.000!    !END!
5530 ! X =        620.555,      5841.37,      603.374,        0.000!    !END!
5531 ! X =        620.055,      5853.37,      708.600,        0.000!    !END!
5532 ! X =        620.055,      5852.87,      684.812,        0.000!    !END!
5533 ! X =        620.055,      5852.37,      716.684,        0.000!    !END!
5534 ! X =        620.055,      5851.87,      740.661,        0.000!    !END!
5535 ! X =        620.055,      5851.37,      743.118,        0.000!    !END!
5536 ! X =        620.055,      5850.87,      756.280,        0.000!    !END!
5537 ! X =        620.055,      5850.37,      745.827,        0.000!    !END!
5538 ! X =        620.055,      5849.87,      725.294,        0.000!    !END!
5539 ! X =        620.055,      5849.37,      707.852,        0.000!    !END!
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5540 ! X =      620.055,    5848.87,    760.976,      0.000!   !END!
5541 ! X =      620.055,    5848.37,    810.438,      0.000!   !END!
5542 ! X =      620.055,    5847.87,    813.412,      0.000!   !END!
5543 ! X =      620.055,    5847.37,    854.373,      0.000!   !END!
5544 ! X =      620.055,    5846.87,    793.836,      0.000!   !END!
5545 ! X =      620.055,    5846.37,    787.250,      0.000!   !END!
5546 ! X =      620.055,    5845.87,    765.448,      0.000!   !END!
5547 ! X =      620.055,    5845.37,    706.359,      0.000!   !END!
5548 ! X =      620.055,    5844.87,    692.125,      0.000!   !END!
5549 ! X =      620.055,    5844.37,    674.710,      0.000!   !END!
5550 ! X =      620.055,    5843.87,    645.693,      0.000!   !END!
5551 ! X =      620.055,    5843.37,    632.017,      0.000!   !END!
5552 ! X =      620.055,    5842.87,    613.165,      0.000!   !END!
5553 ! X =      620.055,    5842.37,    598.263,      0.000!   !END!
5554 ! X =      620.055,    5841.87,    581.646,      0.000!   !END!
5555 ! X =      620.055,    5841.37,    574.000,      0.000!   !END!
5556 ! X =      619.555,    5853.37,    729.241,      0.000!   !END!
5557 ! X =      619.555,    5852.87,    702.383,      0.000!   !END!
5558 ! X =      619.555,    5852.37,    682.000,      0.000!   !END!
5559 ! X =      619.555,    5851.87,    707.299,      0.000!   !END!
5560 ! X =      619.555,    5851.37,    704.442,      0.000!   !END!
5561 ! X =      619.555,    5850.87,    720.732,      0.000!   !END!
5562 ! X =      619.555,    5850.37,    704.884,      0.000!   !END!
5563 ! X =      619.555,    5849.87,    689.570,      0.000!   !END!
5564 ! X =      619.555,    5849.37,    681.208,      0.000!   !END!
5565 ! X =      619.555,    5848.87,    725.659,      0.000!   !END!
5566 ! X =      619.555,    5848.37,    826.166,      0.000!   !END!
5567 ! X =      619.555,    5847.87,    827.920,      0.000!   !END!
5568 ! X =      619.555,    5847.37,    836.484,      0.000!   !END!
5569 ! X =      619.555,    5846.87,    784.887,      0.000!   !END!
5570 ! X =      619.555,    5846.37,    803.596,      0.000!   !END!
5571 ! X =      619.555,    5845.87,    736.507,      0.000!   !END!
5572 ! X =      619.555,    5845.37,    694.666,      0.000!   !END!
5573 ! X =      619.555,    5844.87,    676.388,      0.000!   !END!
5574 ! X =      619.555,    5844.37,    654.768,      0.000!   !END!
5575 ! X =      619.555,    5843.87,    641.220,      0.000!   !END!
5576 ! X =      619.555,    5843.37,    627.274,      0.000!   !END!
5577 ! X =      619.555,    5842.87,    609.190,      0.000!   !END!
5578 ! X =      619.555,    5842.37,    596.984,      0.000!   !END!
5579 ! X =      619.555,    5841.87,    587.476,      0.000!   !END!
5580 ! X =      619.555,    5841.37,    582.687,      0.000!   !END!
5581 ! X =      619.055,    5853.37,    768.771,      0.000!   !END!
5582 ! X =      619.055,    5852.87,    726.427,      0.000!   !END!
5583 ! X =      619.055,    5852.37,    702.825,      0.000!   !END!
5584 ! X =      619.055,    5851.87,    686.655,      0.000!   !END!
5585 ! X =      619.055,    5851.37,    682.000,      0.000!   !END!
5586 ! X =      619.055,    5850.87,    683.187,      0.000!   !END!
5587 ! X =      619.055,    5850.37,    681.986,      0.000!   !END!
5588 ! X =      619.055,    5849.87,    680.578,      0.000!   !END!
5589 ! X =      619.055,    5849.37,    678.791,      0.000!   !END!
5590 ! X =      619.055,    5848.87,    687.348,      0.000!   !END!
5591 ! X =      619.055,    5848.37,    718.973,      0.000!   !END!
5592 ! X =      619.055,    5847.87,    745.387,      0.000!   !END!
5593 ! X =      619.055,    5847.37,    785.130,      0.000!   !END!
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5594 ! X =      619.055,     5846.87,     768.200,        0.000!   !END!
5595 ! X =      619.055,     5846.37,     802.274,        0.000!   !END!
5596 ! X =      619.055,     5845.87,     735.104,        0.000!   !END!
5597 ! X =      619.055,     5845.37,     701.483,        0.000!   !END!
5598 ! X =      619.055,     5844.87,     665.649,        0.000!   !END!
5599 ! X =      619.055,     5844.37,     652.260,        0.000!   !END!
5600 ! X =      619.055,     5843.87,     635.578,        0.000!   !END!
5601 ! X =      619.055,     5843.37,     619.318,        0.000!   !END!
5602 ! X =      619.055,     5842.87,     614.828,        0.000!   !END!
5603 ! X =      619.055,     5842.37,     609.041,        0.000!   !END!
5604 ! X =      619.055,     5841.87,     609.078,        0.000!   !END!
5605 ! X =      619.055,     5841.37,     604.801,        0.000!   !END!
5606 ! X =      631.055,     5853.87,     602.799,        0.000!   !END!
5607 ! X =      631.055,     5854.37,     628.939,        0.000!   !END!
5608 ! X =      631.055,     5854.87,     657.871,        0.000!   !END!
5609 ! X =      631.055,     5855.37,     675.379,        0.000!   !END!
5610 ! X =      631.055,     5855.87,     648.000,        0.000!   !END!
5611 ! X =      631.055,     5856.37,     654.227,        0.000!   !END!
5612 ! X =      631.055,     5856.87,     650.870,        0.000!   !END!
5613 ! X =      631.055,     5857.37,     664.679,        0.000!   !END!
5614 ! X =      631.055,     5857.87,     632.142,        0.000!   !END!
5615 ! X =      631.055,     5858.37,     637.422,        0.000!   !END!
5616 ! X =      631.055,     5858.87,     621.473,        0.000!   !END!
5617 ! X =      631.055,     5859.37,     621.528,        0.000!   !END!
5618 ! X =      631.055,     5859.87,     633.380,        0.000!   !END!
5619 ! X =      631.055,     5860.37,     636.073,        0.000!   !END!
5620 ! X =      631.055,     5860.87,     655.988,        0.000!   !END!
5621 ! X =      631.055,     5861.37,     629.166,        0.000!   !END!
5622 ! X =      631.055,     5861.87,     608.991,        0.000!   !END!
5623 ! X =      631.055,     5862.37,     599.971,        0.000!   !END!
5624 ! X =      631.055,     5862.87,     596.709,        0.000!   !END!
5625 ! X =      631.055,     5863.37,     616.810,        0.000!   !END!
5626 ! X =      631.055,     5863.87,     644.930,        0.000!   !END!
5627 ! X =      631.055,     5864.37,     552.819,        0.000!   !END!
5628 ! X =      631.055,     5864.87,     563.015,        0.000!   !END!
5629 ! X =      631.055,     5865.37,     568.811,        0.000!   !END!
5630 ! X =      631.055,     5865.87,     571.085,        0.000!   !END!
5631 ! X =      631.055,     5866.37,     575.530,        0.000!   !END!
5632 ! X =      631.055,     5866.87,     583.027,        0.000!   !END!
5633 ! X =      631.055,     5867.37,     594.613,        0.000!   !END!
5634 ! X =      631.055,     5867.87,     581.184,        0.000!   !END!
5635 ! X =      631.055,     5868.37,     587.972,        0.000!   !END!
5636 ! X =      631.055,     5868.87,     594.212,        0.000!   !END!
5637 ! X =      631.055,     5869.37,     603.594,        0.000!   !END!
5638 ! X =      631.055,     5869.87,     602.373,        0.000!   !END!
5639 ! X =      631.055,     5870.37,     604.253,        0.000!   !END!
5640 ! X =      631.055,     5870.87,     611.313,        0.000!   !END!
5641 ! X =      631.055,     5871.37,     621.384,        0.000!   !END!
5642 ! X =      630.555,     5853.87,     622.485,        0.000!   !END!
5643 ! X =      630.555,     5854.37,     646.008,        0.000!   !END!
5644 ! X =      630.555,     5854.87,     668.147,        0.000!   !END!
5645 ! X =      630.555,     5855.37,     648.000,        0.000!   !END!
5646 ! X =      630.555,     5855.87,     654.669,        0.000!   !END!
5647 ! X =      630.555,     5856.37,     662.304,        0.000!   !END!
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5648 ! X =      630.555,     5856.87,      659.593,        0.000!   !END!
5649 ! X =      630.555,     5857.37,      622.610,        0.000!   !END!
5650 ! X =      630.555,     5857.87,      606.136,        0.000!   !END!
5651 ! X =      630.555,     5858.37,      613.990,        0.000!   !END!
5652 ! X =      630.555,     5858.87,      613.532,        0.000!   !END!
5653 ! X =      630.555,     5859.37,      649.180,        0.000!   !END!
5654 ! X =      630.555,     5859.87,      706.167,        0.000!   !END!
5655 ! X =      630.555,     5860.37,      713.273,        0.000!   !END!
5656 ! X =      630.555,     5860.87,      669.141,        0.000!   !END!
5657 ! X =      630.555,     5861.37,      633.372,        0.000!   !END!
5658 ! X =      630.555,     5861.87,      629.154,        0.000!   !END!
5659 ! X =      630.555,     5862.37,      627.872,        0.000!   !END!
5660 ! X =      630.555,     5862.87,      627.547,        0.000!   !END!
5661 ! X =      630.555,     5863.37,      672.339,        0.000!   !END!
5662 ! X =      630.555,     5863.87,      621.723,        0.000!   !END!
5663 ! X =      630.555,     5864.37,      593.876,        0.000!   !END!
5664 ! X =      630.555,     5864.87,      552.179,        0.000!   !END!
5665 ! X =      630.555,     5865.37,      567.964,        0.000!   !END!
5666 ! X =      630.555,     5865.87,      585.345,        0.000!   !END!
5667 ! X =      630.555,     5866.37,      586.501,        0.000!   !END!
5668 ! X =      630.555,     5866.87,      594.557,        0.000!   !END!
5669 ! X =      630.555,     5867.37,      585.163,        0.000!   !END!
5670 ! X =      630.555,     5867.87,      580.905,        0.000!   !END!
5671 ! X =      630.555,     5868.37,      579.140,        0.000!   !END!
5672 ! X =      630.555,     5868.87,      585.000,        0.000!   !END!
5673 ! X =      630.555,     5869.37,      592.170,        0.000!   !END!
5674 ! X =      630.555,     5869.87,      590.145,        0.000!   !END!
5675 ! X =      630.555,     5870.37,      593.682,        0.000!   !END!
5676 ! X =      630.555,     5870.87,      602.260,        0.000!   !END!
5677 ! X =      630.555,     5871.37,      605.857,        0.000!   !END!
5678 ! X =      630.055,     5853.87,      584.000,        0.000!   !END!
5679 ! X =      630.055,     5854.37,      598.996,        0.000!   !END!
5680 ! X =      630.055,     5854.87,      623.760,        0.000!   !END!
5681 ! X =      630.055,     5855.37,      620.864,        0.000!   !END!
5682 ! X =      630.055,     5855.87,      625.735,        0.000!   !END!
5683 ! X =      630.055,     5856.37,      622.714,        0.000!   !END!
5684 ! X =      630.055,     5856.87,      597.671,        0.000!   !END!
5685 ! X =      630.055,     5857.37,      584.000,        0.000!   !END!
5686 ! X =      630.055,     5857.87,      590.190,        0.000!   !END!
5687 ! X =      630.055,     5858.37,      619.008,        0.000!   !END!
5688 ! X =      630.055,     5858.87,      640.665,        0.000!   !END!
5689 ! X =      630.055,     5859.37,      670.532,        0.000!   !END!
5690 ! X =      630.055,     5859.87,      729.676,        0.000!   !END!
5691 ! X =      630.055,     5860.37,      717.849,        0.000!   !END!
5692 ! X =      630.055,     5860.87,      656.393,        0.000!   !END!
5693 ! X =      630.055,     5861.37,      651.738,        0.000!   !END!
5694 ! X =      630.055,     5861.87,      667.915,        0.000!   !END!
5695 ! X =      630.055,     5862.37,      656.563,        0.000!   !END!
5696 ! X =      630.055,     5862.87,      663.362,        0.000!   !END!
5697 ! X =      630.055,     5863.37,      667.971,        0.000!   !END!
5698 ! X =      630.055,     5863.87,      672.857,        0.000!   !END!
5699 ! X =      630.055,     5864.37,      693.869,        0.000!   !END!
5700 ! X =      630.055,     5864.87,      565.173,        0.000!   !END!
5701 ! X =      630.055,     5865.37,      560.954,        0.000!   !END!
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5702 ! X =      630.055,     5865.87,      576.772,        0.000!    !END!
5703 ! X =      630.055,     5866.37,      588.361,        0.000!    !END!
5704 ! X =      630.055,     5866.87,      591.834,        0.000!    !END!
5705 ! X =      630.055,     5867.37,      591.126,        0.000!    !END!
5706 ! X =      630.055,     5867.87,      586.517,        0.000!    !END!
5707 ! X =      630.055,     5868.37,      588.573,        0.000!    !END!
5708 ! X =      630.055,     5868.87,      589.766,        0.000!    !END!
5709 ! X =      630.055,     5869.37,      579.343,        0.000!    !END!
5710 ! X =      630.055,     5869.87,      583.207,        0.000!    !END!
5711 ! X =      630.055,     5870.37,      588.524,        0.000!    !END!
5712 ! X =      630.055,     5870.87,      590.115,        0.000!    !END!
5713 ! X =      630.055,     5871.37,      606.494,        0.000!    !END!
5714 ! X =      629.555,     5853.87,      584.000,        0.000!    !END!
5715 ! X =      629.555,     5854.37,      584.000,        0.000!    !END!
5716 ! X =      629.555,     5854.87,      584.000,        0.000!    !END!
5717 ! X =      629.555,     5855.37,      584.000,        0.000!    !END!
5718 ! X =      629.555,     5855.87,      584.000,        0.000!    !END!
5719 ! X =      629.555,     5856.37,      584.000,        0.000!    !END!
5720 ! X =      629.555,     5856.87,      584.000,        0.000!    !END!
5721 ! X =      629.555,     5857.37,      587.033,        0.000!    !END!
5722 ! X =      629.555,     5857.87,      599.885,        0.000!    !END!
5723 ! X =      629.555,     5858.37,      608.351,        0.000!    !END!
5724 ! X =      629.555,     5858.87,      643.065,        0.000!    !END!
5725 ! X =      629.555,     5859.37,      723.218,        0.000!    !END!
5726 ! X =      629.555,     5859.87,      726.370,        0.000!    !END!
5727 ! X =      629.555,     5860.37,      732.348,        0.000!    !END!
5728 ! X =      629.555,     5860.87,      688.371,        0.000!    !END!
5729 ! X =      629.555,     5861.37,      663.541,        0.000!    !END!
5730 ! X =      629.555,     5861.87,      735.140,        0.000!    !END!
5731 ! X =      629.555,     5862.37,      691.313,        0.000!    !END!
5732 ! X =      629.555,     5862.87,      716.940,        0.000!    !END!
5733 ! X =      629.555,     5863.37,      725.023,        0.000!    !END!
5734 ! X =      629.555,     5863.87,      704.319,        0.000!    !END!
5735 ! X =      629.555,     5864.37,      636.805,        0.000!    !END!
5736 ! X =      629.555,     5864.87,      572.151,        0.000!    !END!
5737 ! X =      629.555,     5865.37,      560.738,        0.000!    !END!
5738 ! X =      629.555,     5865.87,      571.806,        0.000!    !END!
5739 ! X =      629.555,     5866.37,      574.624,        0.000!    !END!
5740 ! X =      629.555,     5866.87,      600.738,        0.000!    !END!
5741 ! X =      629.555,     5867.37,      597.129,        0.000!    !END!
5742 ! X =      629.555,     5867.87,      602.081,        0.000!    !END!
5743 ! X =      629.555,     5868.37,      609.471,        0.000!    !END!
5744 ! X =      629.555,     5868.87,      610.148,        0.000!    !END!
5745 ! X =      629.555,     5869.37,      626.765,        0.000!    !END!
5746 ! X =      629.555,     5869.87,      579.000,        0.000!    !END!
5747 ! X =      629.555,     5870.37,      581.958,        0.000!    !END!
5748 ! X =      629.555,     5870.87,      583.208,        0.000!    !END!
5749 ! X =      629.555,     5871.37,      589.417,        0.000!    !END!
5750 ! X =      629.055,     5853.87,      633.982,        0.000!    !END!
5751 ! X =      629.055,     5854.37,      640.611,        0.000!    !END!
5752 ! X =      629.055,     5854.87,      634.307,        0.000!    !END!
5753 ! X =      629.055,     5855.37,      632.074,        0.000!    !END!
5754 ! X =      629.055,     5855.87,      638.849,        0.000!    !END!
5755 ! X =      629.055,     5856.37,      628.556,        0.000!    !END!
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5756 ! X =      629.055,     5856.87,      639.035,       0.000!   !END!
5757 ! X =      629.055,     5857.37,      647.142,       0.000!   !END!
5758 ! X =      629.055,     5857.87,      670.869,       0.000!   !END!
5759 ! X =      629.055,     5858.37,      687.735,       0.000!   !END!
5760 ! X =      629.055,     5858.87,      679.589,       0.000!   !END!
5761 ! X =      629.055,     5859.37,      679.913,       0.000!   !END!
5762 ! X =      629.055,     5859.87,      746.278,       0.000!   !END!
5763 ! X =      629.055,     5860.37,      696.646,       0.000!   !END!
5764 ! X =      629.055,     5860.87,      671.131,       0.000!   !END!
5765 ! X =      629.055,     5861.37,      713.913,       0.000!   !END!
5766 ! X =      629.055,     5861.87,      745.620,       0.000!   !END!
5767 ! X =      629.055,     5862.37,      786.413,       0.000!   !END!
5768 ! X =      629.055,     5862.87,      715.131,       0.000!   !END!
5769 ! X =      629.055,     5863.37,      700.221,       0.000!   !END!
5770 ! X =      629.055,     5863.87,      685.134,       0.000!   !END!
5771 ! X =      629.055,     5864.37,      633.534,       0.000!   !END!
5772 ! X =      629.055,     5864.87,      589.687,       0.000!   !END!
5773 ! X =      629.055,     5865.37,      584.944,       0.000!   !END!
5774 ! X =      629.055,     5865.87,      566.859,       0.000!   !END!
5775 ! X =      629.055,     5866.37,      576.240,       0.000!   !END!
5776 ! X =      629.055,     5866.87,      586.123,       0.000!   !END!
5777 ! X =      629.055,     5867.37,      609.477,       0.000!   !END!
5778 ! X =      629.055,     5867.87,      607.950,       0.000!   !END!
5779 ! X =      629.055,     5868.37,      622.814,       0.000!   !END!
5780 ! X =      629.055,     5868.87,      636.956,       0.000!   !END!
5781 ! X =      629.055,     5869.37,      628.854,       0.000!   !END!
5782 ! X =      629.055,     5869.87,      588.945,       0.000!   !END!
5783 ! X =      629.055,     5870.37,      591.844,       0.000!   !END!
5784 ! X =      629.055,     5870.87,      584.186,       0.000!   !END!
5785 ! X =      629.055,     5871.37,      586.947,       0.000!   !END!
5786 ! X =      628.555,     5853.87,      673.669,       0.000!   !END!
5787 ! X =      628.555,     5854.37,      665.192,       0.000!   !END!
5788 ! X =      628.555,     5854.87,      655.627,       0.000!   !END!
5789 ! X =      628.555,     5855.37,      617.410,       0.000!   !END!
5790 ! X =      628.555,     5855.87,      619.005,       0.000!   !END!
5791 ! X =      628.555,     5856.37,      621.124,       0.000!   !END!
5792 ! X =      628.555,     5856.87,      618.571,       0.000!   !END!
5793 ! X =      628.555,     5857.37,      623.230,       0.000!   !END!
5794 ! X =      628.555,     5857.87,      687.355,       0.000!   !END!
5795 ! X =      628.555,     5858.37,      698.297,       0.000!   !END!
5796 ! X =      628.555,     5858.87,      666.515,       0.000!   !END!
5797 ! X =      628.555,     5859.37,      713.093,       0.000!   !END!
5798 ! X =      628.555,     5859.87,      707.317,       0.000!   !END!
5799 ! X =      628.555,     5860.37,      666.579,       0.000!   !END!
5800 ! X =      628.555,     5860.87,      716.194,       0.000!   !END!
5801 ! X =      628.555,     5861.37,      761.026,       0.000!   !END!
5802 ! X =      628.555,     5861.87,      798.277,       0.000!   !END!
5803 ! X =      628.555,     5862.37,      779.974,       0.000!   !END!
5804 ! X =      628.555,     5862.87,      692.880,       0.000!   !END!
5805 ! X =      628.555,     5863.37,      657.182,       0.000!   !END!
5806 ! X =      628.555,     5863.87,      635.086,       0.000!   !END!
5807 ! X =      628.555,     5864.37,      628.446,       0.000!   !END!
5808 ! X =      628.555,     5864.87,      661.140,       0.000!   !END!
5809 ! X =      628.555,     5865.37,      636.869,       0.000!   !END!
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5810 ! X =      628.555,     5865.87,     573.142,      0.000!    !END!
5811 ! X =      628.555,     5866.37,     570.596,      0.000!    !END!
5812 ! X =      628.555,     5866.87,     586.496,      0.000!    !END!
5813 ! X =      628.555,     5867.37,     618.352,      0.000!    !END!
5814 ! X =      628.555,     5867.87,     607.892,      0.000!    !END!
5815 ! X =      628.555,     5868.37,     637.040,      0.000!    !END!
5816 ! X =      628.555,     5868.87,     669.841,      0.000!    !END!
5817 ! X =      628.555,     5869.37,     678.926,      0.000!    !END!
5818 ! X =      628.555,     5869.87,     602.022,      0.000!    !END!
5819 ! X =      628.555,     5870.37,     597.747,      0.000!    !END!
5820 ! X =      628.555,     5870.87,     593.285,      0.000!    !END!
5821 ! X =      628.555,     5871.37,     592.778,      0.000!    !END!
5822 ! X =      628.055,     5853.87,     606.611,      0.000!    !END!
5823 ! X =      628.055,     5854.37,     605.000,      0.000!    !END!
5824 ! X =      628.055,     5854.87,     605.058,      0.000!    !END!
5825 ! X =      628.055,     5855.37,     621.745,      0.000!    !END!
5826 ! X =      628.055,     5855.87,     618.035,      0.000!    !END!
5827 ! X =      628.055,     5856.37,     624.847,      0.000!    !END!
5828 ! X =      628.055,     5856.87,     624.557,      0.000!    !END!
5829 ! X =      628.055,     5857.37,     635.918,      0.000!    !END!
5830 ! X =      628.055,     5857.87,     666.948,      0.000!    !END!
5831 ! X =      628.055,     5858.37,     651.362,      0.000!    !END!
5832 ! X =      628.055,     5858.87,     711.950,      0.000!    !END!
5833 ! X =      628.055,     5859.37,     712.769,      0.000!    !END!
5834 ! X =      628.055,     5859.87,     674.996,      0.000!    !END!
5835 ! X =      628.055,     5860.37,     686.797,      0.000!    !END!
5836 ! X =      628.055,     5860.87,     704.544,      0.000!    !END!
5837 ! X =      628.055,     5861.37,     726.681,      0.000!    !END!
5838 ! X =      628.055,     5861.87,     755.197,      0.000!    !END!
5839 ! X =      628.055,     5862.37,     802.513,      0.000!    !END!
5840 ! X =      628.055,     5862.87,     745.490,      0.000!    !END!
5841 ! X =      628.055,     5863.37,     712.186,      0.000!    !END!
5842 ! X =      628.055,     5863.87,     674.366,      0.000!    !END!
5843 ! X =      628.055,     5864.37,     661.424,      0.000!    !END!
5844 ! X =      628.055,     5864.87,     630.647,      0.000!    !END!
5845 ! X =      628.055,     5865.37,     624.010,      0.000!    !END!
5846 ! X =      628.055,     5865.87,     574.733,      0.000!    !END!
5847 ! X =      628.055,     5866.37,     574.208,      0.000!    !END!
5848 ! X =      628.055,     5866.87,     581.119,      0.000!    !END!
5849 ! X =      628.055,     5867.37,     595.402,      0.000!    !END!
5850 ! X =      628.055,     5867.87,     594.360,      0.000!    !END!
5851 ! X =      628.055,     5868.37,     611.768,      0.000!    !END!
5852 ! X =      628.055,     5868.87,     626.504,      0.000!    !END!
5853 ! X =      628.055,     5869.37,     664.204,      0.000!    !END!
5854 ! X =      628.055,     5869.87,     631.381,      0.000!    !END!
5855 ! X =      628.055,     5870.37,     607.150,      0.000!    !END!
5856 ! X =      628.055,     5870.87,     605.934,      0.000!    !END!
5857 ! X =      628.055,     5871.37,     606.516,      0.000!    !END!
5858 ! X =      627.555,     5853.87,     630.022,      0.000!    !END!
5859 ! X =      627.555,     5854.37,     650.258,      0.000!    !END!
5860 ! X =      627.555,     5854.87,     639.054,      0.000!    !END!
5861 ! X =      627.555,     5855.37,     636.909,      0.000!    !END!
5862 ! X =      627.555,     5855.87,     639.203,      0.000!    !END!
5863 ! X =      627.555,     5856.37,     645.822,      0.000!    !END!
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5864 ! X =      627.555,    5856.87,    635.242,      0.000!    !END!
5865 ! X =      627.555,    5857.37,    626.143,      0.000!    !END!
5866 ! X =      627.555,    5857.87,    628.183,      0.000!    !END!
5867 ! X =      627.555,    5858.37,    641.539,      0.000!    !END!
5868 ! X =      627.555,    5858.87,    677.699,      0.000!    !END!
5869 ! X =      627.555,    5859.37,    665.443,      0.000!    !END!
5870 ! X =      627.555,    5859.87,    673.904,      0.000!    !END!
5871 ! X =      627.555,    5860.37,    672.253,      0.000!    !END!
5872 ! X =      627.555,    5860.87,    685.867,      0.000!    !END!
5873 ! X =      627.555,    5861.37,    693.948,      0.000!    !END!
5874 ! X =      627.555,    5861.87,    685.088,      0.000!    !END!
5875 ! X =      627.555,    5862.37,    687.758,      0.000!    !END!
5876 ! X =      627.555,    5862.87,    693.705,      0.000!    !END!
5877 ! X =      627.555,    5863.37,    675.768,      0.000!    !END!
5878 ! X =      627.555,    5863.87,    685.141,      0.000!    !END!
5879 ! X =      627.555,    5864.37,    641.595,      0.000!    !END!
5880 ! X =      627.555,    5864.87,    587.947,      0.000!    !END!
5881 ! X =      627.555,    5865.37,    583.167,      0.000!    !END!
5882 ! X =      627.555,    5865.87,    585.378,      0.000!    !END!
5883 ! X =      627.555,    5866.37,    587.326,      0.000!    !END!
5884 ! X =      627.555,    5866.87,    578.107,      0.000!    !END!
5885 ! X =      627.555,    5867.37,    585.281,      0.000!    !END!
5886 ! X =      627.555,    5867.87,    591.335,      0.000!    !END!
5887 ! X =      627.555,    5868.37,    594.408,      0.000!    !END!
5888 ! X =      627.555,    5868.87,    597.344,      0.000!    !END!
5889 ! X =      627.555,    5869.37,    595.767,      0.000!    !END!
5890 ! X =      627.555,    5869.87,    600.010,      0.000!    !END!
5891 ! X =      627.555,    5870.37,    603.575,      0.000!    !END!
5892 ! X =      627.555,    5870.87,    616.390,      0.000!    !END!
5893 ! X =      627.555,    5871.37,    613.810,      0.000!    !END!
5894 ! X =      627.055,    5853.87,    638.754,      0.000!    !END!
5895 ! X =      627.055,    5854.37,    676.500,      0.000!    !END!
5896 ! X =      627.055,    5854.87,    697.192,      0.000!    !END!
5897 ! X =      627.055,    5855.37,    694.930,      0.000!    !END!
5898 ! X =      627.055,    5855.87,    653.247,      0.000!    !END!
5899 ! X =      627.055,    5856.37,    678.996,      0.000!    !END!
5900 ! X =      627.055,    5856.87,    673.523,      0.000!    !END!
5901 ! X =      627.055,    5857.37,    658.675,      0.000!    !END!
5902 ! X =      627.055,    5857.87,    646.994,      0.000!    !END!
5903 ! X =      627.055,    5858.37,    639.344,      0.000!    !END!
5904 ! X =      627.055,    5858.87,    625.716,      0.000!    !END!
5905 ! X =      627.055,    5859.37,    630.821,      0.000!    !END!
5906 ! X =      627.055,    5859.87,    638.365,      0.000!    !END!
5907 ! X =      627.055,    5860.37,    658.124,      0.000!    !END!
5908 ! X =      627.055,    5860.87,    679.511,      0.000!    !END!
5909 ! X =      627.055,    5861.37,    673.412,      0.000!    !END!
5910 ! X =      627.055,    5861.87,    673.937,      0.000!    !END!
5911 ! X =      627.055,    5862.37,    688.612,      0.000!    !END!
5912 ! X =      627.055,    5862.87,    693.571,      0.000!    !END!
5913 ! X =      627.055,    5863.37,    660.270,      0.000!    !END!
5914 ! X =      627.055,    5863.87,    649.110,      0.000!    !END!
5915 ! X =      627.055,    5864.37,    616.406,      0.000!    !END!
5916 ! X =      627.055,    5864.87,    594.726,      0.000!    !END!
5917 ! X =      627.055,    5865.37,    590.948,      0.000!    !END!
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5918 ! X =       627.055,    5865.87,    592.749,      0.000!   !END!
5919 ! X =       627.055,    5866.37,    589.822,      0.000!   !END!
5920 ! X =       627.055,    5866.87,    586.148,      0.000!   !END!
5921 ! X =       627.055,    5867.37,    586.895,      0.000!   !END!
5922 ! X =       627.055,    5867.87,    585.937,      0.000!   !END!
5923 ! X =       627.055,    5868.37,    588.736,      0.000!   !END!
5924 ! X =       627.055,    5868.87,    599.562,      0.000!   !END!
5925 ! X =       627.055,    5869.37,    603.937,      0.000!   !END!
5926 ! X =       627.055,    5869.87,    603.918,      0.000!   !END!
5927 ! X =       627.055,    5870.37,    612.262,      0.000!   !END!
5928 ! X =       627.055,    5870.87,    616.225,      0.000!   !END!
5929 ! X =       627.055,    5871.37,    612.244,      0.000!   !END!
5930 ! X =       626.555,    5853.87,    635.460,      0.000!   !END!
5931 ! X =       626.555,    5854.37,    654.644,      0.000!   !END!
5932 ! X =       626.555,    5854.87,    690.554,      0.000!   !END!
5933 ! X =       626.555,    5855.37,    694.776,      0.000!   !END!
5934 ! X =       626.555,    5855.87,    703.753,      0.000!   !END!
5935 ! X =       626.555,    5856.37,    736.542,      0.000!   !END!
5936 ! X =       626.555,    5856.87,    687.936,      0.000!   !END!
5937 ! X =       626.555,    5857.37,    696.007,      0.000!   !END!
5938 ! X =       626.555,    5857.87,    707.257,      0.000!   !END!
5939 ! X =       626.555,    5858.37,    669.209,      0.000!   !END!
5940 ! X =       626.555,    5858.87,    663.624,      0.000!   !END!
5941 ! X =       626.555,    5859.37,    618.755,      0.000!   !END!
5942 ! X =       626.555,    5859.87,    623.721,      0.000!   !END!
5943 ! X =       626.555,    5860.37,    625.698,      0.000!   !END!
5944 ! X =       626.555,    5860.87,    638.998,      0.000!   !END!
5945 ! X =       626.555,    5861.37,    640.782,      0.000!   !END!
5946 ! X =       626.555,    5861.87,    641.560,      0.000!   !END!
5947 ! X =       626.555,    5862.37,    657.255,      0.000!   !END!
5948 ! X =       626.555,    5862.87,    683.646,      0.000!   !END!
5949 ! X =       626.555,    5863.37,    679.170,      0.000!   !END!
5950 ! X =       626.555,    5863.87,    657.216,      0.000!   !END!
5951 ! X =       626.555,    5864.37,    661.521,      0.000!   !END!
5952 ! X =       626.555,    5864.87,    620.774,      0.000!   !END!
5953 ! X =       626.555,    5865.37,    598.300,      0.000!   !END!
5954 ! X =       626.555,    5865.87,    595.596,      0.000!   !END!
5955 ! X =       626.555,    5866.37,    591.273,      0.000!   !END!
5956 ! X =       626.555,    5866.87,    581.619,      0.000!   !END!
5957 ! X =       626.555,    5867.37,    586.941,      0.000!   !END!
5958 ! X =       626.555,    5867.87,    593.121,      0.000!   !END!
5959 ! X =       626.555,    5868.37,    589.010,      0.000!   !END!
5960 ! X =       626.555,    5868.87,    601.205,      0.000!   !END!
5961 ! X =       626.555,    5869.37,    609.295,      0.000!   !END!
5962 ! X =       626.555,    5869.87,    626.863,      0.000!   !END!
5963 ! X =       626.555,    5870.37,    639.053,      0.000!   !END!
5964 ! X =       626.555,    5870.87,    641.737,      0.000!   !END!
5965 ! X =       626.555,    5871.37,    631.885,      0.000!   !END!
5966 ! X =       626.055,    5853.87,    671.032,      0.000!   !END!
5967 ! X =       626.055,    5854.37,    682.845,      0.000!   !END!
5968 ! X =       626.055,    5854.87,    703.853,      0.000!   !END!
5969 ! X =       626.055,    5855.37,    725.804,      0.000!   !END!
5970 ! X =       626.055,    5855.87,    760.516,      0.000!   !END!
5971 ! X =       626.055,    5856.37,    782.000,      0.000!   !END!
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5972 ! X =      626.055,    5856.87,    688.462,    0.000!   !END!
5973 ! X =      626.055,    5857.37,    738.877,    0.000!   !END!
5974 ! X =      626.055,    5857.87,    760.162,    0.000!   !END!
5975 ! X =      626.055,    5858.37,    719.980,    0.000!   !END!
5976 ! X =      626.055,    5858.87,    669.285,    0.000!   !END!
5977 ! X =      626.055,    5859.37,    631.417,    0.000!   !END!
5978 ! X =      626.055,    5859.87,    612.668,    0.000!   !END!
5979 ! X =      626.055,    5860.37,    606.148,    0.000!   !END!
5980 ! X =      626.055,    5860.87,    608.200,    0.000!   !END!
5981 ! X =      626.055,    5861.37,    629.191,    0.000!   !END!
5982 ! X =      626.055,    5861.87,    604.000,    0.000!   !END!
5983 ! X =      626.055,    5862.37,    613.965,    0.000!   !END!
5984 ! X =      626.055,    5862.87,    625.636,    0.000!   !END!
5985 ! X =      626.055,    5863.37,    638.303,    0.000!   !END!
5986 ! X =      626.055,    5863.87,    631.271,    0.000!   !END!
5987 ! X =      626.055,    5864.37,    675.090,    0.000!   !END!
5988 ! X =      626.055,    5864.87,    656.208,    0.000!   !END!
5989 ! X =      626.055,    5865.37,    609.144,    0.000!   !END!
5990 ! X =      626.055,    5865.87,    590.067,    0.000!   !END!
5991 ! X =      626.055,    5866.37,    588.176,    0.000!   !END!
5992 ! X =      626.055,    5866.87,    588.428,    0.000!   !END!
5993 ! X =      626.055,    5867.37,    586.038,    0.000!   !END!
5994 ! X =      626.055,    5867.87,    590.902,    0.000!   !END!
5995 ! X =      626.055,    5868.37,    591.924,    0.000!   !END!
5996 ! X =      626.055,    5868.87,    604.204,    0.000!   !END!
5997 ! X =      626.055,    5869.37,    613.864,    0.000!   !END!
5998 ! X =      626.055,    5869.87,    628.699,    0.000!   !END!
5999 ! X =      626.055,    5870.37,    637.486,    0.000!   !END!
6000 ! X =      626.055,    5870.87,    636.790,    0.000!   !END!
6001 ! X =      626.055,    5871.37,    636.984,    0.000!   !END!
6002 ! X =      625.555,    5853.87,    689.646,    0.000!   !END!
6003 ! X =      625.555,    5854.37,    716.741,    0.000!   !END!
6004 ! X =      625.555,    5854.87,    737.801,    0.000!   !END!
6005 ! X =      625.555,    5855.37,    756.715,    0.000!   !END!
6006 ! X =      625.555,    5855.87,    770.565,    0.000!   !END!
6007 ! X =      625.555,    5856.37,    786.466,    0.000!   !END!
6008 ! X =      625.555,    5856.87,    684.302,    0.000!   !END!
6009 ! X =      625.555,    5857.37,    746.552,    0.000!   !END!
6010 ! X =      625.555,    5857.87,    719.688,    0.000!   !END!
6011 ! X =      625.555,    5858.37,    700.358,    0.000!   !END!
6012 ! X =      625.555,    5858.87,    650.706,    0.000!   !END!
6013 ! X =      625.555,    5859.37,    630.353,    0.000!   !END!
6014 ! X =      625.555,    5859.87,    626.539,    0.000!   !END!
6015 ! X =      625.555,    5860.37,    611.784,    0.000!   !END!
6016 ! X =      625.555,    5860.87,    607.142,    0.000!   !END!
6017 ! X =      625.555,    5861.37,    604.000,    0.000!   !END!
6018 ! X =      625.555,    5861.87,    604.000,    0.000!   !END!
6019 ! X =      625.555,    5862.37,    604.000,    0.000!   !END!
6020 ! X =      625.555,    5862.87,    605.019,    0.000!   !END!
6021 ! X =      625.555,    5863.37,    608.334,    0.000!   !END!
6022 ! X =      625.555,    5863.87,    629.722,    0.000!   !END!
6023 ! X =      625.555,    5864.37,    651.132,    0.000!   !END!
6024 ! X =      625.555,    5864.87,    662.453,    0.000!   !END!
6025 ! X =      625.555,    5865.37,    615.289,    0.000!   !END!
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6026 ! X =      625.555,    5865.87,    586.000,       0.000!  !END!
6027 ! X =      625.555,    5866.37,    588.026,       0.000!  !END!
6028 ! X =      625.555,    5866.87,    595.119,       0.000!  !END!
6029 ! X =      625.555,    5867.37,    592.809,       0.000!  !END!
6030 ! X =      625.555,    5867.87,    592.931,       0.000!  !END!
6031 ! X =      625.555,    5868.37,    589.886,       0.000!  !END!
6032 ! X =      625.555,    5868.87,    599.365,       0.000!  !END!
6033 ! X =      625.555,    5869.37,    615.138,       0.000!  !END!
6034 ! X =      625.555,    5869.87,    631.814,       0.000!  !END!
6035 ! X =      625.555,    5870.37,    653.766,       0.000!  !END!
6036 ! X =      625.555,    5870.87,    681.829,       0.000!  !END!
6037 ! X =      625.555,    5871.37,    663.630,       0.000!  !END!
6038 ! X =      625.055,    5853.87,    695.571,       0.000!  !END!
6039 ! X =      625.055,    5854.37,    737.722,       0.000!  !END!
6040 ! X =      625.055,    5854.87,    755.741,       0.000!  !END!
6041 ! X =      625.055,    5855.37,    767.978,       0.000!  !END!
6042 ! X =      625.055,    5855.87,    788.840,       0.000!  !END!
6043 ! X =      625.055,    5856.37,    741.303,       0.000!  !END!
6044 ! X =      625.055,    5856.87,    687.801,       0.000!  !END!
6045 ! X =      625.055,    5857.37,    769.744,       0.000!  !END!
6046 ! X =      625.055,    5857.87,    744.703,       0.000!  !END!
6047 ! X =      625.055,    5858.37,    705.766,       0.000!  !END!
6048 ! X =      625.055,    5858.87,    638.323,       0.000!  !END!
6049 ! X =      625.055,    5859.37,    640.396,       0.000!  !END!
6050 ! X =      625.055,    5859.87,    641.118,       0.000!  !END!
6051 ! X =      625.055,    5860.37,    635.837,       0.000!  !END!
6052 ! X =      625.055,    5860.87,    621.592,       0.000!  !END!
6053 ! X =      625.055,    5861.37,    604.000,       0.000!  !END!
6054 ! X =      625.055,    5861.87,    604.000,       0.000!  !END!
6055 ! X =      625.055,    5862.37,    604.000,       0.000!  !END!
6056 ! X =      625.055,    5862.87,    608.043,       0.000!  !END!
6057 ! X =      625.055,    5863.37,    604.956,       0.000!  !END!
6058 ! X =      625.055,    5863.87,    598.610,       0.000!  !END!
6059 ! X =      625.055,    5864.37,    612.019,       0.000!  !END!
6060 ! X =      625.055,    5864.87,    615.583,       0.000!  !END!
6061 ! X =      625.055,    5865.37,    597.173,       0.000!  !END!
6062 ! X =      625.055,    5865.87,    589.218,       0.000!  !END!
6063 ! X =      625.055,    5866.37,    589.904,       0.000!  !END!
6064 ! X =      625.055,    5866.87,    594.768,       0.000!  !END!
6065 ! X =      625.055,    5867.37,    604.544,       0.000!  !END!
6066 ! X =      625.055,    5867.87,    596.090,       0.000!  !END!
6067 ! X =      625.055,    5868.37,    595.975,       0.000!  !END!
6068 ! X =      625.055,    5868.87,    602.823,       0.000!  !END!
6069 ! X =      625.055,    5869.37,    613.519,       0.000!  !END!
6070 ! X =      625.055,    5869.87,    627.440,       0.000!  !END!
6071 ! X =      625.055,    5870.37,    652.716,       0.000!  !END!
6072 ! X =      625.055,    5870.87,    671.074,       0.000!  !END!
6073 ! X =      625.055,    5871.37,    678.962,       0.000!  !END!
6074 ! X =      624.555,    5853.87,    712.052,       0.000!  !END!
6075 ! X =      624.555,    5854.37,    739.982,       0.000!  !END!
6076 ! X =      624.555,    5854.87,    768.450,       0.000!  !END!
6077 ! X =      624.555,    5855.37,    767.085,       0.000!  !END!
6078 ! X =      624.555,    5855.87,    756.006,       0.000!  !END!
6079 ! X =      624.555,    5856.37,    702.201,       0.000!  !END!
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6080 ! X =      624.555,    5856.87,    730.863,      0.000!   !END!
6081 ! X =      624.555,    5857.37,    765.287,      0.000!   !END!
6082 ! X =      624.555,    5857.87,    759.540,      0.000!   !END!
6083 ! X =      624.555,    5858.37,    671.916,      0.000!   !END!
6084 ! X =      624.555,    5858.87,    635.000,      0.000!   !END!
6085 ! X =      624.555,    5859.37,    641.658,      0.000!   !END!
6086 ! X =      624.555,    5859.87,    644.230,      0.000!   !END!
6087 ! X =      624.555,    5860.37,    644.683,      0.000!   !END!
6088 ! X =      624.555,    5860.87,    643.739,      0.000!   !END!
6089 ! X =      624.555,    5861.37,    635.778,      0.000!   !END!
6090 ! X =      624.555,    5861.87,    625.821,      0.000!   !END!
6091 ! X =      624.555,    5862.37,    627.256,      0.000!   !END!
6092 ! X =      624.555,    5862.87,    619.380,      0.000!   !END!
6093 ! X =      624.555,    5863.37,    609.262,      0.000!   !END!
6094 ! X =      624.555,    5863.87,    598.273,      0.000!   !END!
6095 ! X =      624.555,    5864.37,    592.064,      0.000!   !END!
6096 ! X =      624.555,    5864.87,    589.574,      0.000!   !END!
6097 ! X =      624.555,    5865.37,    587.535,      0.000!   !END!
6098 ! X =      624.555,    5865.87,    587.000,      0.000!   !END!
6099 ! X =      624.555,    5866.37,    590.008,      0.000!   !END!
6100 ! X =      624.555,    5866.87,    594.421,      0.000!   !END!
6101 ! X =      624.555,    5867.37,    603.580,      0.000!   !END!
6102 ! X =      624.555,    5867.87,    617.000,      0.000!   !END!
6103 ! X =      624.555,    5868.37,    603.960,      0.000!   !END!
6104 ! X =      624.555,    5868.87,    606.927,      0.000!   !END!
6105 ! X =      624.555,    5869.37,    612.469,      0.000!   !END!
6106 ! X =      624.555,    5869.87,    627.705,      0.000!   !END!
6107 ! X =      624.555,    5870.37,    649.722,      0.000!   !END!
6108 ! X =      624.555,    5870.87,    662.408,      0.000!   !END!
6109 ! X =      624.555,    5871.37,    692.697,      0.000!   !END!
6110 ! X =      624.055,    5853.87,    729.055,      0.000!   !END!
6111 ! X =      624.055,    5854.37,    740.176,      0.000!   !END!
6112 ! X =      624.055,    5854.87,    755.220,      0.000!   !END!
6113 ! X =      624.055,    5855.37,    764.326,      0.000!   !END!
6114 ! X =      624.055,    5855.87,    748.417,      0.000!   !END!
6115 ! X =      624.055,    5856.37,    764.978,      0.000!   !END!
6116 ! X =      624.055,    5856.87,    759.030,      0.000!   !END!
6117 ! X =      624.055,    5857.37,    736.460,      0.000!   !END!
6118 ! X =      624.055,    5857.87,    676.471,      0.000!   !END!
6119 ! X =      624.055,    5858.37,    642.373,      0.000!   !END!
6120 ! X =      624.055,    5858.87,    637.100,      0.000!   !END!
6121 ! X =      624.055,    5859.37,    637.211,      0.000!   !END!
6122 ! X =      624.055,    5859.87,    643.000,      0.000!   !END!
6123 ! X =      624.055,    5860.37,    644.517,      0.000!   !END!
6124 ! X =      624.055,    5860.87,    649.657,      0.000!   !END!
6125 ! X =      624.055,    5861.37,    652.835,      0.000!   !END!
6126 ! X =      624.055,    5861.87,    653.112,      0.000!   !END!
6127 ! X =      624.055,    5862.37,    652.829,      0.000!   !END!
6128 ! X =      624.055,    5862.87,    653.174,      0.000!   !END!
6129 ! X =      624.055,    5863.37,    640.707,      0.000!   !END!
6130 ! X =      624.055,    5863.87,    593.496,      0.000!   !END!
6131 ! X =      624.055,    5864.37,    594.147,      0.000!   !END!
6132 ! X =      624.055,    5864.87,    587.042,      0.000!   !END!
6133 ! X =      624.055,    5865.37,    587.365,      0.000!   !END!
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6134 ! X =        624.055,    5865.87,    587.000,      0.000!   !END!
6135 ! X =        624.055,    5866.37,    587.734,      0.000!   !END!
6136 ! X =        624.055,    5866.87,    592.076,      0.000!   !END!
6137 ! X =        624.055,    5867.37,    600.929,      0.000!   !END!
6138 ! X =        624.055,    5867.87,    614.308,      0.000!   !END!
6139 ! X =        624.055,    5868.37,    619.334,      0.000!   !END!
6140 ! X =        624.055,    5868.87,    607.066,      0.000!   !END!
6141 ! X =        624.055,    5869.37,    616.070,      0.000!   !END!
6142 ! X =        624.055,    5869.87,    636.114,      0.000!   !END!
6143 ! X =        624.055,    5870.37,    657.096,      0.000!   !END!
6144 ! X =        624.055,    5870.87,    678.837,      0.000!   !END!
6145 ! X =        624.055,    5871.37,    689.668,      0.000!   !END!
6146 ! X =        623.555,    5853.87,    743.230,      0.000!   !END!
6147 ! X =        623.555,    5854.37,    714.027,      0.000!   !END!
6148 ! X =        623.555,    5854.87,    703.298,      0.000!   !END!
6149 ! X =        623.555,    5855.37,    701.402,      0.000!   !END!
6150 ! X =        623.555,    5855.87,    704.191,      0.000!   !END!
6151 ! X =        623.555,    5856.37,    703.000,      0.000!   !END!
6152 ! X =        623.555,    5856.87,    712.950,      0.000!   !END!
6153 ! X =        623.555,    5857.37,    711.385,      0.000!   !END!
6154 ! X =        623.555,    5857.87,    663.523,      0.000!   !END!
6155 ! X =        623.555,    5858.37,    650.656,      0.000!   !END!
6156 ! X =        623.555,    5858.87,    646.686,      0.000!   !END!
6157 ! X =        623.555,    5859.37,    642.419,      0.000!   !END!
6158 ! X =        623.555,    5859.87,    632.000,      0.000!   !END!
6159 ! X =        623.555,    5860.37,    640.229,      0.000!   !END!
6160 ! X =        623.555,    5860.87,    643.976,      0.000!   !END!
6161 ! X =        623.555,    5861.37,    644.361,      0.000!   !END!
6162 ! X =        623.555,    5861.87,    656.975,      0.000!   !END!
6163 ! X =        623.555,    5862.37,    674.945,      0.000!   !END!
6164 ! X =        623.555,    5862.87,    680.531,      0.000!   !END!
6165 ! X =        623.555,    5863.37,    655.532,      0.000!   !END!
6166 ! X =        623.555,    5863.87,    597.335,      0.000!   !END!
6167 ! X =        623.555,    5864.37,    594.000,      0.000!   !END!
6168 ! X =        623.555,    5864.87,    594.856,      0.000!   !END!
6169 ! X =        623.555,    5865.37,    587.000,      0.000!   !END!
6170 ! X =        623.555,    5865.87,    587.134,      0.000!   !END!
6171 ! X =        623.555,    5866.37,    587.000,      0.000!   !END!
6172 ! X =        623.555,    5866.87,    593.547,      0.000!   !END!
6173 ! X =        623.555,    5867.37,    595.878,      0.000!   !END!
6174 ! X =        623.555,    5867.87,    606.726,      0.000!   !END!
6175 ! X =        623.555,    5868.37,    623.482,      0.000!   !END!
6176 ! X =        623.555,    5868.87,    617.868,      0.000!   !END!
6177 ! X =        623.555,    5869.37,    618.351,      0.000!   !END!
6178 ! X =        623.555,    5869.87,    637.075,      0.000!   !END!
6179 ! X =        623.555,    5870.37,    655.662,      0.000!   !END!
6180 ! X =        623.555,    5870.87,    688.654,      0.000!   !END!
6181 ! X =        623.555,    5871.37,    692.238,      0.000!   !END!
6182 ! X =        623.055,    5853.87,    692.214,      0.000!   !END!
6183 ! X =        623.055,    5854.37,    686.273,      0.000!   !END!
6184 ! X =        623.055,    5854.87,    677.000,      0.000!   !END!
6185 ! X =        623.055,    5855.37,    677.000,      0.000!   !END!
6186 ! X =        623.055,    5855.87,    679.810,      0.000!   !END!
6187 ! X =        623.055,    5856.37,    699.609,      0.000!   !END!
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6188 ! X =        623.055,     5856.87,      740.417,        0.000!   !END!
6189 ! X =        623.055,     5857.37,      743.982,        0.000!   !END!
6190 ! X =        623.055,     5857.87,      665.851,        0.000!   !END!
6191 ! X =        623.055,     5858.37,      654.661,        0.000!   !END!
6192 ! X =        623.055,     5858.87,      658.634,        0.000!   !END!
6193 ! X =        623.055,     5859.37,      651.102,        0.000!   !END!
6194 ! X =        623.055,     5859.87,      636.777,        0.000!   !END!
6195 ! X =        623.055,     5860.37,      624.356,        0.000!   !END!
6196 ! X =        623.055,     5860.87,      625.392,        0.000!   !END!
6197 ! X =        623.055,     5861.37,      636.675,        0.000!   !END!
6198 ! X =        623.055,     5861.87,      641.607,        0.000!   !END!
6199 ! X =        623.055,     5862.37,      671.643,        0.000!   !END!
6200 ! X =        623.055,     5862.87,      718.238,        0.000!   !END!
6201 ! X =        623.055,     5863.37,      675.088,        0.000!   !END!
6202 ! X =        623.055,     5863.87,      604.300,        0.000!   !END!
6203 ! X =        623.055,     5864.37,      593.104,        0.000!   !END!
6204 ! X =        623.055,     5864.87,      598.519,        0.000!   !END!
6205 ! X =        623.055,     5865.37,      593.773,        0.000!   !END!
6206 ! X =        623.055,     5865.87,      592.717,        0.000!   !END!
6207 ! X =        623.055,     5866.37,      587.000,        0.000!   !END!
6208 ! X =        623.055,     5866.87,      591.120,        0.000!   !END!
6209 ! X =        623.055,     5867.37,      596.511,        0.000!   !END!
6210 ! X =        623.055,     5867.87,      607.952,        0.000!   !END!
6211 ! X =        623.055,     5868.37,      626.846,        0.000!   !END!
6212 ! X =        623.055,     5868.87,      633.753,        0.000!   !END!
6213 ! X =        623.055,     5869.37,      613.313,        0.000!   !END!
6214 ! X =        623.055,     5869.87,      626.494,        0.000!   !END!
6215 ! X =        623.055,     5870.37,      641.990,        0.000!   !END!
6216 ! X =        623.055,     5870.87,      665.189,        0.000!   !END!
6217 ! X =        623.055,     5871.37,      679.721,        0.000!   !END!
6218 ! X =        622.555,     5853.87,      682.000,        0.000!   !END!
6219 ! X =        622.555,     5854.37,      682.595,        0.000!   !END!
6220 ! X =        622.555,     5854.87,      686.591,        0.000!   !END!
6221 ! X =        622.555,     5855.37,      679.890,        0.000!   !END!
6222 ! X =        622.555,     5855.87,      682.818,        0.000!   !END!
6223 ! X =        622.555,     5856.37,      680.790,        0.000!   !END!
6224 ! X =        622.555,     5856.87,      698.283,        0.000!   !END!
6225 ! X =        622.555,     5857.37,      679.577,        0.000!   !END!
6226 ! X =        622.555,     5857.87,      651.000,        0.000!   !END!
6227 ! X =        622.555,     5858.37,      661.393,        0.000!   !END!
6228 ! X =        622.555,     5858.87,      657.916,        0.000!   !END!
6229 ! X =        622.555,     5859.37,      667.225,        0.000!   !END!
6230 ! X =        622.555,     5859.87,      655.261,        0.000!   !END!
6231 ! X =        622.555,     5860.37,      643.031,        0.000!   !END!
6232 ! X =        622.555,     5860.87,      624.045,        0.000!   !END!
6233 ! X =        622.555,     5861.37,      621.051,        0.000!   !END!
6234 ! X =        622.555,     5861.87,      631.160,        0.000!   !END!
6235 ! X =        622.555,     5862.37,      649.942,        0.000!   !END!
6236 ! X =        622.555,     5862.87,      710.091,        0.000!   !END!
6237 ! X =        622.555,     5863.37,      694.655,        0.000!   !END!
6238 ! X =        622.555,     5863.87,      613.541,        0.000!   !END!
6239 ! X =        622.555,     5864.37,      597.209,        0.000!   !END!
6240 ! X =        622.555,     5864.87,      593.079,        0.000!   !END!
6241 ! X =        622.555,     5865.37,      595.926,        0.000!   !END!
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6242 ! X =      622.555,     5865.87,     597.018,      0.000!   !END!
6243 ! X =      622.555,     5866.37,     587.388,      0.000!   !END!
6244 ! X =      622.555,     5866.87,     587.000,      0.000!   !END!
6245 ! X =      622.555,     5867.37,     587.000,      0.000!   !END!
6246 ! X =      622.555,     5867.87,     605.056,      0.000!   !END!
6247 ! X =      622.555,     5868.37,     624.789,      0.000!   !END!
6248 ! X =      622.555,     5868.87,     630.082,      0.000!   !END!
6249 ! X =      622.555,     5869.37,     642.026,      0.000!   !END!
6250 ! X =      622.555,     5869.87,     610.507,      0.000!   !END!
6251 ! X =      622.555,     5870.37,     634.419,      0.000!   !END!
6252 ! X =      622.555,     5870.87,     656.732,      0.000!   !END!
6253 ! X =      622.555,     5871.37,     653.011,      0.000!   !END!
6254 ! X =      622.055,     5853.87,     689.269,      0.000!   !END!
6255 ! X =      622.055,     5854.37,     688.504,      0.000!   !END!
6256 ! X =      622.055,     5854.87,     686.583,      0.000!   !END!
6257 ! X =      622.055,     5855.37,     694.931,      0.000!   !END!
6258 ! X =      622.055,     5855.87,     688.561,      0.000!   !END!
6259 ! X =      622.055,     5856.37,     686.048,      0.000!   !END!
6260 ! X =      622.055,     5856.87,     676.044,      0.000!   !END!
6261 ! X =      622.055,     5857.37,     666.936,      0.000!   !END!
6262 ! X =      622.055,     5857.87,     667.183,      0.000!   !END!
6263 ! X =      622.055,     5858.37,     678.951,      0.000!   !END!
6264 ! X =      622.055,     5858.87,     676.079,      0.000!   !END!
6265 ! X =      622.055,     5859.37,     665.922,      0.000!   !END!
6266 ! X =      622.055,     5859.87,     679.454,      0.000!   !END!
6267 ! X =      622.055,     5860.37,     673.024,      0.000!   !END!
6268 ! X =      622.055,     5860.87,     658.101,      0.000!   !END!
6269 ! X =      622.055,     5861.37,     620.723,      0.000!   !END!
6270 ! X =      622.055,     5861.87,     622.537,      0.000!   !END!
6271 ! X =      622.055,     5862.37,     634.883,      0.000!   !END!
6272 ! X =      622.055,     5862.87,     664.076,      0.000!   !END!
6273 ! X =      622.055,     5863.37,     679.233,      0.000!   !END!
6274 ! X =      622.055,     5863.87,     607.982,      0.000!   !END!
6275 ! X =      622.055,     5864.37,     597.480,      0.000!   !END!
6276 ! X =      622.055,     5864.87,     595.952,      0.000!   !END!
6277 ! X =      622.055,     5865.37,     597.618,      0.000!   !END!
6278 ! X =      622.055,     5865.87,     596.950,      0.000!   !END!
6279 ! X =      622.055,     5866.37,     593.273,      0.000!   !END!
6280 ! X =      622.055,     5866.87,     587.912,      0.000!   !END!
6281 ! X =      622.055,     5867.37,     587.000,      0.000!   !END!
6282 ! X =      622.055,     5867.87,     587.000,      0.000!   !END!
6283 ! X =      622.055,     5868.37,     598.468,      0.000!   !END!
6284 ! X =      622.055,     5868.87,     611.629,      0.000!   !END!
6285 ! X =      622.055,     5869.37,     623.896,      0.000!   !END!
6286 ! X =      622.055,     5869.87,     610.778,      0.000!   !END!
6287 ! X =      622.055,     5870.37,     622.129,      0.000!   !END!
6288 ! X =      622.055,     5870.87,     639.929,      0.000!   !END!
6289 ! X =      622.055,     5871.37,     638.253,      0.000!   !END!
6290 ! X =      621.555,     5853.87,     693.495,      0.000!   !END!
6291 ! X =      621.555,     5854.37,     701.644,      0.000!   !END!
6292 ! X =      621.555,     5854.87,     693.023,      0.000!   !END!
6293 ! X =      621.555,     5855.37,     694.819,      0.000!   !END!
6294 ! X =      621.555,     5855.87,     699.076,      0.000!   !END!
6295 ! X =      621.555,     5856.37,     689.402,      0.000!   !END!
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6296 ! X =      621.555,    5856.87,    676.608,      0.000!  !END!
6297 ! X =      621.555,    5857.37,    681.858,      0.000!  !END!
6298 ! X =      621.555,    5857.87,    677.730,      0.000!  !END!
6299 ! X =      621.555,    5858.37,    679.528,      0.000!  !END!
6300 ! X =      621.555,    5858.87,    699.025,      0.000!  !END!
6301 ! X =      621.555,    5859.37,    693.840,      0.000!  !END!
6302 ! X =      621.555,    5859.87,    681.601,      0.000!  !END!
6303 ! X =      621.555,    5860.37,    692.317,      0.000!  !END!
6304 ! X =      621.555,    5860.87,    684.060,      0.000!  !END!
6305 ! X =      621.555,    5861.37,    671.752,      0.000!  !END!
6306 ! X =      621.555,    5861.87,    621.234,      0.000!  !END!
6307 ! X =      621.555,    5862.37,    622.336,      0.000!  !END!
6308 ! X =      621.555,    5862.87,    645.112,      0.000!  !END!
6309 ! X =      621.555,    5863.37,    658.138,      0.000!  !END!
6310 ! X =      621.555,    5863.87,    608.593,      0.000!  !END!
6311 ! X =      621.555,    5864.37,    596.442,      0.000!  !END!
6312 ! X =      621.555,    5864.87,    593.264,      0.000!  !END!
6313 ! X =      621.555,    5865.37,    597.226,      0.000!  !END!
6314 ! X =      621.555,    5865.87,    599.884,      0.000!  !END!
6315 ! X =      621.555,    5866.37,    601.014,      0.000!  !END!
6316 ! X =      621.555,    5866.87,    590.943,      0.000!  !END!
6317 ! X =      621.555,    5867.37,    587.106,      0.000!  !END!
6318 ! X =      621.555,    5867.87,    592.046,      0.000!  !END!
6319 ! X =      621.555,    5868.37,    587.709,      0.000!  !END!
6320 ! X =      621.555,    5868.87,    590.813,      0.000!  !END!
6321 ! X =      621.555,    5869.37,    588.718,      0.000!  !END!
6322 ! X =      621.555,    5869.87,    594.880,      0.000!  !END!
6323 ! X =      621.555,    5870.37,    595.259,      0.000!  !END!
6324 ! X =      621.555,    5870.87,    601.255,      0.000!  !END!
6325 ! X =      621.555,    5871.37,    613.721,      0.000!  !END!
6326 ! X =      621.055,    5853.87,    708.191,      0.000!  !END!
6327 ! X =      621.055,    5854.37,    719.168,      0.000!  !END!
6328 ! X =      621.055,    5854.87,    713.309,      0.000!  !END!
6329 ! X =      621.055,    5855.37,    714.838,      0.000!  !END!
6330 ! X =      621.055,    5855.87,    704.662,      0.000!  !END!
6331 ! X =      621.055,    5856.37,    683.097,      0.000!  !END!
6332 ! X =      621.055,    5856.87,    684.262,      0.000!  !END!
6333 ! X =      621.055,    5857.37,    685.834,      0.000!  !END!
6334 ! X =      621.055,    5857.87,    692.354,      0.000!  !END!
6335 ! X =      621.055,    5858.37,    682.775,      0.000!  !END!
6336 ! X =      621.055,    5858.87,    697.023,      0.000!  !END!
6337 ! X =      621.055,    5859.37,    725.680,      0.000!  !END!
6338 ! X =      621.055,    5859.87,    682.016,      0.000!  !END!
6339 ! X =      621.055,    5860.37,    681.578,      0.000!  !END!
6340 ! X =      621.055,    5860.87,    687.427,      0.000!  !END!
6341 ! X =      621.055,    5861.37,    687.398,      0.000!  !END!
6342 ! X =      621.055,    5861.87,    632.239,      0.000!  !END!
6343 ! X =      621.055,    5862.37,    625.090,      0.000!  !END!
6344 ! X =      621.055,    5862.87,    618.192,      0.000!  !END!
6345 ! X =      621.055,    5863.37,    613.051,      0.000!  !END!
6346 ! X =      621.055,    5863.87,    605.193,      0.000!  !END!
6347 ! X =      621.055,    5864.37,    602.324,      0.000!  !END!
6348 ! X =      621.055,    5864.87,    596.746,      0.000!  !END!
6349 ! X =      621.055,    5865.37,    598.265,      0.000!  !END!
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6350 ! X =        621.055,      5865.87,      601.000,         0.000!   !END!
6351 ! X =        621.055,      5866.37,      605.711,         0.000!   !END!
6352 ! X =        621.055,      5866.87,      604.065,         0.000!   !END!
6353 ! X =        621.055,      5867.37,      600.397,         0.000!   !END!
6354 ! X =        621.055,      5867.87,      590.413,         0.000!   !END!
6355 ! X =        621.055,      5868.37,      587.000,         0.000!   !END!
6356 ! X =        621.055,      5868.87,      589.040,         0.000!   !END!
6357 ! X =        621.055,      5869.37,      587.000,         0.000!   !END!
6358 ! X =        621.055,      5869.87,      587.000,         0.000!   !END!
6359 ! X =        621.055,      5870.37,      587.145,         0.000!   !END!
6360 ! X =        621.055,      5870.87,      587.000,         0.000!   !END!
6361 ! X =        621.055,      5871.37,      587.000,         0.000!   !END!
6362 ! X =        620.555,      5853.87,      711.216,         0.000!   !END!
6363 ! X =        620.555,      5854.37,      730.322,         0.000!   !END!
6364 ! X =        620.555,      5854.87,      748.089,         0.000!   !END!
6365 ! X =        620.555,      5855.37,      751.038,         0.000!   !END!
6366 ! X =        620.555,      5855.87,      763.777,         0.000!   !END!
6367 ! X =        620.555,      5856.37,      703.508,         0.000!   !END!
6368 ! X =        620.555,      5856.87,      678.522,         0.000!   !END!
6369 ! X =        620.555,      5857.37,      701.007,         0.000!   !END!
6370 ! X =        620.555,      5857.87,      697.273,         0.000!   !END!
6371 ! X =        620.555,      5858.37,      710.790,         0.000!   !END!
6372 ! X =        620.555,      5858.87,      686.273,         0.000!   !END!
6373 ! X =        620.555,      5859.37,      731.806,         0.000!   !END!
6374 ! X =        620.555,      5859.87,      726.127,         0.000!   !END!
6375 ! X =        620.555,      5860.37,      687.059,         0.000!   !END!
6376 ! X =        620.555,      5860.87,      655.093,         0.000!   !END!
6377 ! X =        620.555,      5861.37,      648.387,         0.000!   !END!
6378 ! X =        620.555,      5861.87,      637.654,         0.000!   !END!
6379 ! X =        620.555,      5862.37,      627.067,         0.000!   !END!
6380 ! X =        620.555,      5862.87,      619.634,         0.000!   !END!
6381 ! X =        620.555,      5863.37,      620.469,         0.000!   !END!
6382 ! X =        620.555,      5863.87,      614.092,         0.000!   !END!
6383 ! X =        620.555,      5864.37,      605.846,         0.000!   !END!
6384 ! X =        620.555,      5864.87,      602.309,         0.000!   !END!
6385 ! X =        620.555,      5865.37,      599.339,         0.000!   !END!
6386 ! X =        620.555,      5865.87,      605.447,         0.000!   !END!
6387 ! X =        620.555,      5866.37,      608.512,         0.000!   !END!
6388 ! X =        620.555,      5866.87,      608.523,         0.000!   !END!
6389 ! X =        620.555,      5867.37,      611.332,         0.000!   !END!
6390 ! X =        620.555,      5867.87,      606.178,         0.000!   !END!
6391 ! X =        620.555,      5868.37,      602.260,         0.000!   !END!
6392 ! X =        620.555,      5868.87,      595.371,         0.000!   !END!
6393 ! X =        620.555,      5869.37,      593.128,         0.000!   !END!
6394 ! X =        620.555,      5869.87,      593.166,         0.000!   !END!
6395 ! X =        620.555,      5870.37,      596.165,         0.000!   !END!
6396 ! X =        620.555,      5870.87,      602.020,         0.000!   !END!
6397 ! X =        620.555,      5871.37,      599.371,         0.000!   !END!
6398 ! X =        620.055,      5853.87,      732.753,         0.000!   !END!
6399 ! X =        620.055,      5854.37,      759.068,         0.000!   !END!
6400 ! X =        620.055,      5854.87,      781.048,         0.000!   !END!
6401 ! X =        620.055,      5855.37,      757.017,         0.000!   !END!
6402 ! X =        620.055,      5855.87,      760.477,         0.000!   !END!
6403 ! X =        620.055,      5856.37,      751.146,         0.000!   !END!
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6404 ! X =      620.055,      5856.87,      701.187,      0.000!    !END!
6405 ! X =      620.055,      5857.37,      678.000,      0.000!    !END!
6406 ! X =      620.055,      5857.87,      698.837,      0.000!    !END!
6407 ! X =      620.055,      5858.37,      719.076,      0.000!    !END!
6408 ! X =      620.055,      5858.87,      720.157,      0.000!    !END!
6409 ! X =      620.055,      5859.37,      687.523,      0.000!    !END!
6410 ! X =      620.055,      5859.87,      727.365,      0.000!    !END!
6411 ! X =      620.055,      5860.37,      728.321,      0.000!    !END!
6412 ! X =      620.055,      5860.87,      646.924,      0.000!    !END!
6413 ! X =      620.055,      5861.37,      648.209,      0.000!    !END!
6414 ! X =      620.055,      5861.87,      641.915,      0.000!    !END!
6415 ! X =      620.055,      5862.37,      633.049,      0.000!    !END!
6416 ! X =      620.055,      5862.87,      624.546,      0.000!    !END!
6417 ! X =      620.055,      5863.37,      623.805,      0.000!    !END!
6418 ! X =      620.055,      5863.87,      624.323,      0.000!    !END!
6419 ! X =      620.055,      5864.37,      615.617,      0.000!    !END!
6420 ! X =      620.055,      5864.87,      602.935,      0.000!    !END!
6421 ! X =      620.055,      5865.37,      603.083,      0.000!    !END!
6422 ! X =      620.055,      5865.87,      603.044,      0.000!    !END!
6423 ! X =      620.055,      5866.37,      608.496,      0.000!    !END!
6424 ! X =      620.055,      5866.87,      610.529,      0.000!    !END!
6425 ! X =      620.055,      5867.37,      611.980,      0.000!    !END!
6426 ! X =      620.055,      5867.87,      615.969,      0.000!    !END!
6427 ! X =      620.055,      5868.37,      631.288,      0.000!    !END!
6428 ! X =      620.055,      5868.87,      635.138,      0.000!    !END!
6429 ! X =      620.055,      5869.37,      614.329,      0.000!    !END!
6430 ! X =      620.055,      5869.87,      608.687,      0.000!    !END!
6431 ! X =      620.055,      5870.37,      601.244,      0.000!    !END!
6432 ! X =      620.055,      5870.87,      612.911,      0.000!    !END!
6433 ! X =      620.055,      5871.37,      627.984,      0.000!    !END!
6434 ! X =      619.555,      5853.87,      756.669,      0.000!    !END!
6435 ! X =      619.555,      5854.37,      774.504,      0.000!    !END!
6436 ! X =      619.555,      5854.87,      749.284,      0.000!    !END!
6437 ! X =      619.555,      5855.37,      735.000,      0.000!    !END!
6438 ! X =      619.555,      5855.87,      761.155,      0.000!    !END!
6439 ! X =      619.555,      5856.37,      722.653,      0.000!    !END!
6440 ! X =      619.555,      5856.87,      692.834,      0.000!    !END!
6441 ! X =      619.555,      5857.37,      694.327,      0.000!    !END!
6442 ! X =      619.555,      5857.87,      697.434,      0.000!    !END!
6443 ! X =      619.555,      5858.37,      725.670,      0.000!    !END!
6444 ! X =      619.555,      5858.87,      735.857,      0.000!    !END!
6445 ! X =      619.555,      5859.37,      690.340,      0.000!    !END!
6446 ! X =      619.555,      5859.87,      711.520,      0.000!    !END!
6447 ! X =      619.555,      5860.37,      721.394,      0.000!    !END!
6448 ! X =      619.555,      5860.87,      663.505,      0.000!    !END!
6449 ! X =      619.555,      5861.37,      651.505,      0.000!    !END!
6450 ! X =      619.555,      5861.87,      645.403,      0.000!    !END!
6451 ! X =      619.555,      5862.37,      636.713,      0.000!    !END!
6452 ! X =      619.555,      5862.87,      624.976,      0.000!    !END!
6453 ! X =      619.555,      5863.37,      622.221,      0.000!    !END!
6454 ! X =      619.555,      5863.87,      626.000,      0.000!    !END!
6455 ! X =      619.555,      5864.37,      629.849,      0.000!    !END!
6456 ! X =      619.555,      5864.87,      604.984,      0.000!    !END!
6457 ! X =      619.555,      5865.37,      604.590,      0.000!    !END!
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6458 ! X =      619.555,    5865.87,      604.344,      0.000!   !END!
6459 ! X =      619.555,    5866.37,      608.372,      0.000!   !END!
6460 ! X =      619.555,    5866.87,      612.148,      0.000!   !END!
6461 ! X =      619.555,    5867.37,      616.281,      0.000!   !END!
6462 ! X =      619.555,    5867.87,      629.049,      0.000!   !END!
6463 ! X =      619.555,    5868.37,      628.497,      0.000!   !END!
6464 ! X =      619.555,    5868.87,      636.912,      0.000!   !END!
6465 ! X =      619.555,    5869.37,      618.563,      0.000!   !END!
6466 ! X =      619.555,    5869.87,      627.747,      0.000!   !END!
6467 ! X =      619.555,    5870.37,      626.582,      0.000!   !END!
6468 ! X =      619.555,    5870.87,      627.109,      0.000!   !END!
6469 ! X =      619.555,    5871.37,      613.852,      0.000!   !END!
6470 ! X =      619.055,    5853.87,      767.121,      0.000!   !END!
6471 ! X =      619.055,    5854.37,      743.762,      0.000!   !END!
6472 ! X =      619.055,    5854.87,      759.569,      0.000!   !END!
6473 ! X =      619.055,    5855.37,      746.479,      0.000!   !END!
6474 ! X =      619.055,    5855.87,      740.960,      0.000!   !END!
6475 ! X =      619.055,    5856.37,      706.448,      0.000!   !END!
6476 ! X =      619.055,    5856.87,      707.743,      0.000!   !END!
6477 ! X =      619.055,    5857.37,      703.908,      0.000!   !END!
6478 ! X =      619.055,    5857.87,      696.069,      0.000!   !END!
6479 ! X =      619.055,    5858.37,      735.514,      0.000!   !END!
6480 ! X =      619.055,    5858.87,      681.659,      0.000!   !END!
6481 ! X =      619.055,    5859.37,      678.000,      0.000!   !END!
6482 ! X =      619.055,    5859.87,      682.022,      0.000!   !END!
6483 ! X =      619.055,    5860.37,      694.790,      0.000!   !END!
6484 ! X =      619.055,    5860.87,      666.908,      0.000!   !END!
6485 ! X =      619.055,    5861.37,      663.449,      0.000!   !END!
6486 ! X =      619.055,    5861.87,      658.681,      0.000!   !END!
6487 ! X =      619.055,    5862.37,      650.855,      0.000!   !END!
6488 ! X =      619.055,    5862.87,      622.369,      0.000!   !END!
6489 ! X =      619.055,    5863.37,      619.946,      0.000!   !END!
6490 ! X =      619.055,    5863.87,      623.000,      0.000!   !END!
6491 ! X =      619.055,    5864.37,      630.061,      0.000!   !END!
6492 ! X =      619.055,    5864.87,      610.343,      0.000!   !END!
6493 ! X =      619.055,    5865.37,      603.723,      0.000!   !END!
6494 ! X =      619.055,    5865.87,      609.947,      0.000!   !END!
6495 ! X =      619.055,    5866.37,      608.328,      0.000!   !END!
6496 ! X =      619.055,    5866.87,      613.896,      0.000!   !END!
6497 ! X =      619.055,    5867.37,      625.789,      0.000!   !END!
6498 ! X =      619.055,    5867.87,      619.770,      0.000!   !END!
6499 ! X =      619.055,    5868.37,      636.676,      0.000!   !END!
6500 ! X =      619.055,    5868.87,      632.739,      0.000!   !END!
6501 ! X =      619.055,    5869.37,      638.617,      0.000!   !END!
6502 ! X =      619.055,    5869.87,      647.154,      0.000!   !END!
6503 ! X =      619.055,    5870.37,      636.962,      0.000!   !END!
6504 ! X =      619.055,    5870.87,      661.562,      0.000!   !END!
6505 ! X =      619.055,    5871.37,      667.529,      0.000!   !END!
6506 ! X =      638.944,    5866.601,     531.415,      0.000!   !END!
6507 ! X =      639.144,    5866.601,     528.067,      0.000!   !END!
6508 ! X =      639.344,    5866.601,     525.985,      0.000!   !END!
6509 ! X =      639.544,    5866.601,     527.708,      0.000!   !END!
6510 ! X =      639.744,    5866.601,     531.086,      0.000!   !END!
6511 ! X =      639.944,    5866.601,     530.827,      0.000!   !END!
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6512 ! X =      640.144,   5866.601,    529.649,     0.000!   !END!
6513 ! X =      640.344,   5866.601,    528.867,     0.000!   !END!
6514 ! X =      640.544,   5866.601,    524.000,     0.000!   !END!
6515 ! X =      640.744,   5866.601,    524.000,     0.000!   !END!
6516 ! X =      640.944,   5866.601,    524.000,     0.000!   !END!
6517 ! X =      641.144,   5866.601,    524.000,     0.000!   !END!
6518 ! X =      638.944,   5866.801,    526.254,     0.000!   !END!
6519 ! X =      639.144,   5866.801,    529.350,     0.000!   !END!
6520 ! X =      639.344,   5866.801,    536.405,     0.000!   !END!
6521 ! X =      639.544,   5866.801,    534.942,     0.000!   !END!
6522 ! X =      639.744,   5866.801,    532.531,     0.000!   !END!
6523 ! X =      639.944,   5866.801,    532.234,     0.000!   !END!
6524 ! X =      640.144,   5866.801,    532.783,     0.000!   !END!
6525 ! X =      640.344,   5866.801,    526.867,     0.000!   !END!
6526 ! X =      640.544,   5866.801,    524.000,     0.000!   !END!
6527 ! X =      640.744,   5866.801,    524.000,     0.000!   !END!
6528 ! X =      640.944,   5866.801,    524.000,     0.000!   !END!
6529 ! X =      641.144,   5866.801,    524.000,     0.000!   !END!
6530 ! X =      638.944,   5867.001,    543.877,     0.000!   !END!
6531 ! X =      639.144,   5867.001,    547.124,     0.000!   !END!
6532 ! X =      639.344,   5867.001,    547.605,     0.000!   !END!
6533 ! X =      639.544,   5867.001,    541.688,     0.000!   !END!
6534 ! X =      639.744,   5867.001,    536.607,     0.000!   !END!
6535 ! X =      639.944,   5867.001,    534.447,     0.000!   !END!
6536 ! X =      640.144,   5867.001,    532.000,     0.000!   !END!
6537 ! X =      640.344,   5867.001,    527.620,     0.000!   !END!
6538 ! X =      640.544,   5867.001,    524.000,     0.000!   !END!
6539 ! X =      640.744,   5867.001,    524.000,     0.000!   !END!
6540 ! X =      640.944,   5867.001,    524.000,     0.000!   !END!
6541 ! X =      641.144,   5867.001,    524.000,     0.000!   !END!
6542 ! X =      638.944,   5867.201,    573.743,     0.000!   !END!
6543 ! X =      639.144,   5867.201,    567.796,     0.000!   !END!
6544 ! X =      639.344,   5867.201,    556.439,     0.000!   !END!
6545 ! X =      639.544,   5867.201,    545.665,     0.000!   !END!
6546 ! X =      639.744,   5867.201,    538.764,     0.000!   !END!
6547 ! X =      639.944,   5867.201,    536.614,     0.000!   !END!
6548 ! X =      640.144,   5867.201,    532.223,     0.000!   !END!
6549 ! X =      640.344,   5867.201,    531.293,     0.000!   !END!
6550 ! X =      640.544,   5867.201,    525.030,     0.000!   !END!
6551 ! X =      640.744,   5867.201,    524.154,     0.000!   !END!
6552 ! X =      640.944,   5867.201,    524.000,     0.000!   !END!
6553 ! X =      641.144,   5867.201,    524.000,     0.000!   !END!
6554 ! X =      638.944,   5867.401,    590.276,     0.000!   !END!
6555 ! X =      639.144,   5867.401,    578.546,     0.000!   !END!
6556 ! X =      639.344,   5867.401,    557.751,     0.000!   !END!
6557 ! X =      639.544,   5867.401,    545.687,     0.000!   !END!
6558 ! X =      639.744,   5867.401,    539.760,     0.000!   !END!
6559 ! X =      639.944,   5867.401,    538.614,     0.000!   !END!
6560 ! X =      640.144,   5867.401,    536.791,     0.000!   !END!
6561 ! X =      640.344,   5867.401,    535.910,     0.000!   !END!
6562 ! X =      640.544,   5867.401,    535.150,     0.000!   !END!
6563 ! X =      640.744,   5867.401,    529.157,     0.000!   !END!
6564 ! X =      640.944,   5867.401,    524.390,     0.000!   !END!
6565 ! X =      641.144,   5867.401,    524.000,     0.000!   !END!
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6566 ! X =      638.944,   5867.601,     550.365,      0.000!   !END!
6567 ! X =      639.144,   5867.601,     552.566,      0.000!   !END!
6568 ! X =      639.344,   5867.601,     556.421,      0.000!   !END!
6569 ! X =      639.544,   5867.601,     548.963,      0.000!   !END!
6570 ! X =      639.744,   5867.601,     544.730,      0.000!   !END!
6571 ! X =      639.944,   5867.601,     542.914,      0.000!   !END!
6572 ! X =      640.144,   5867.601,     538.087,      0.000!   !END!
6573 ! X =      640.344,   5867.601,     539.297,      0.000!   !END!
6574 ! X =      640.544,   5867.601,     536.410,      0.000!   !END!
6575 ! X =      640.744,   5867.601,     531.851,      0.000!   !END!
6576 ! X =      640.944,   5867.601,     528.787,      0.000!   !END!
6577 ! X =      641.144,   5867.601,     524.000,      0.000!   !END!
6578 ! X =      638.944,   5867.801,     570.246,      0.000!   !END!
6579 ! X =      639.144,   5867.801,     564.592,      0.000!   !END!
6580 ! X =      639.344,   5867.801,     559.236,      0.000!   !END!
6581 ! X =      639.544,   5867.801,     553.068,      0.000!   !END!
6582 ! X =      639.744,   5867.801,     548.964,      0.000!   !END!
6583 ! X =      639.944,   5867.801,     548.547,      0.000!   !END!
6584 ! X =      640.144,   5867.801,     545.501,      0.000!   !END!
6585 ! X =      640.344,   5867.801,     541.391,      0.000!   !END!
6586 ! X =      640.544,   5867.801,     535.327,      0.000!   !END!
6587 ! X =      640.744,   5867.801,     533.778,      0.000!   !END!
6588 ! X =      640.944,   5867.801,     528.979,      0.000!   !END!
6589 ! X =      641.144,   5867.801,     524.510,      0.000!   !END!
6590 ! X =      638.944,   5868.001,     572.313,      0.000!   !END!
6591 ! X =      639.144,   5868.001,     567.592,      0.000!   !END!
6592 ! X =      639.344,   5868.001,     563.325,      0.000!   !END!
6593 ! X =      639.544,   5868.001,     556.510,      0.000!   !END!
6594 ! X =      639.744,   5868.001,     553.561,      0.000!   !END!
6595 ! X =      639.944,   5868.001,     555.000,      0.000!   !END!
6596 ! X =      640.144,   5868.001,     553.682,      0.000!   !END!
6597 ! X =      640.344,   5868.001,     546.912,      0.000!   !END!
6598 ! X =      640.544,   5868.001,     539.855,      0.000!   !END!
6599 ! X =      640.744,   5868.001,     537.689,      0.000!   !END!
6600 ! X =      640.944,   5868.001,     529.599,      0.000!   !END!
6601 ! X =      641.144,   5868.001,     528.390,      0.000!   !END!
6602 ! X =      638.944,   5868.201,     557.473,      0.000!   !END!
6603 ! X =      639.144,   5868.201,     569.897,      0.000!   !END!
6604 ! X =      639.344,   5868.201,     567.245,      0.000!   !END!
6605 ! X =      639.544,   5868.201,     562.788,      0.000!   !END!
6606 ! X =      639.744,   5868.201,     559.849,      0.000!   !END!
6607 ! X =      639.944,   5868.201,     559.054,      0.000!   !END!
6608 ! X =      640.144,   5868.201,     557.653,      0.000!   !END!
6609 ! X =      640.344,   5868.201,     553.658,      0.000!   !END!
6610 ! X =      640.544,   5868.201,     543.909,      0.000!   !END!
6611 ! X =      640.744,   5868.201,     538.727,      0.000!   !END!
6612 ! X =      640.944,   5868.201,     532.961,      0.000!   !END!
6613 ! X =      641.144,   5868.201,     533.859,      0.000!   !END!
6614 ! X =      638.944,   5868.401,     560.877,      0.000!   !END!
6615 ! X =      639.144,   5868.401,     569.395,      0.000!   !END!
6616 ! X =      639.344,   5868.401,     570.260,      0.000!   !END!
6617 ! X =      639.544,   5868.401,     567.342,      0.000!   !END!
6618 ! X =      639.744,   5868.401,     563.227,      0.000!   !END!
6619 ! X =      639.944,   5868.401,     569.176,      0.000!   !END!
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6620 ! X =      640.144,    5868.401,    567.594,      0.000!    !END!
6621 ! X =      640.344,    5868.401,    553.175,      0.000!    !END!
6622 ! X =      640.544,    5868.401,    547.052,      0.000!    !END!
6623 ! X =      640.744,    5868.401,    532.796,      0.000!    !END!
6624 ! X =      640.944,    5868.401,    533.517,      0.000!    !END!
6625 ! X =      641.144,    5868.401,    542.246,      0.000!    !END!
6626 ! X =      638.944,    5868.601,    572.590,      0.000!    !END!
6627 ! X =      639.144,    5868.601,    574.324,      0.000!    !END!
6628 ! X =      639.344,    5868.601,    573.345,      0.000!    !END!
6629 ! X =      639.544,    5868.601,    568.855,      0.000!    !END!
6630 ! X =      639.744,    5868.601,    556.359,      0.000!    !END!
6631 ! X =      639.944,    5868.601,    569.780,      0.000!    !END!
6632 ! X =      640.144,    5868.601,    562.048,      0.000!    !END!
6633 ! X =      640.344,    5868.601,    555.877,      0.000!    !END!
6634 ! X =      640.544,    5868.601,    547.168,      0.000!    !END!
6635 ! X =      640.744,    5868.601,    530.814,      0.000!    !END!
6636 ! X =      640.944,    5868.601,    533.527,      0.000!    !END!
6637 ! X =      641.144,    5868.601,    549.371,      0.000!    !END!
6638 ! X =      638.944,    5868.801,    593.777,      0.000!    !END!
6639 ! X =      639.144,    5868.801,    595.468,      0.000!    !END!
6640 ! X =      639.344,    5868.801,    590.483,      0.000!    !END!
6641 ! X =      639.544,    5868.801,    574.410,      0.000!    !END!
6642 ! X =      639.744,    5868.801,    552.143,      0.000!    !END!
6643 ! X =      639.944,    5868.801,    553.298,      0.000!    !END!
6644 ! X =      640.144,    5868.801,    551.496,      0.000!    !END!
6645 ! X =      640.344,    5868.801,    553.444,      0.000!    !END!
6646 ! X =      640.544,    5868.801,    542.685,      0.000!    !END!
6647 ! X =      640.744,    5868.801,    533.372,      0.000!    !END!
6648 ! X =      640.944,    5868.801,    542.876,      0.000!    !END!
6649 ! X =      641.144,    5868.801,    556.253,      0.000!    !END!
6650 ! X =      642.939,    5862.561,    534.000,      0.000!    !END!
6651 ! X =      643.139,    5862.561,    534.000,      0.000!    !END!
6652 ! X =      643.339,    5862.561,    540.162,      0.000!    !END!
6653 ! X =      643.539,    5862.561,    562.789,      0.000!    !END!
6654 ! X =      643.739,    5862.561,    576.249,      0.000!    !END!
6655 ! X =      643.939,    5862.561,    577.483,      0.000!    !END!
6656 ! X =      642.939,    5862.761,    534.000,      0.000!    !END!
6657 ! X =      643.139,    5862.761,    534.000,      0.000!    !END!
6658 ! X =      643.339,    5862.761,    547.651,      0.000!    !END!
6659 ! X =      643.539,    5862.761,    568.811,      0.000!    !END!
6660 ! X =      643.739,    5862.761,    579.478,      0.000!    !END!
6661 ! X =      643.939,    5862.761,    583.135,      0.000!    !END!
6662 ! X =      642.939,    5862.961,    535.995,      0.000!    !END!
6663 ! X =      643.139,    5862.961,    535.099,      0.000!    !END!
6664 ! X =      643.339,    5862.961,    553.308,      0.000!    !END!
6665 ! X =      643.539,    5862.961,    574.043,      0.000!    !END!
6666 ! X =      643.739,    5862.961,    585.412,      0.000!    !END!
6667 ! X =      643.939,    5862.961,    584.198,      0.000!    !END!
6668 ! X =      642.939,    5863.161,    538.912,      0.000!    !END!
6669 ! X =      643.139,    5863.161,    541.881,      0.000!    !END!
6670 ! X =      643.339,    5863.161,    559.851,      0.000!    !END!
6671 ! X =      643.539,    5863.161,    582.108,      0.000!    !END!
6672 ! X =      643.739,    5863.161,    590.540,      0.000!    !END!
6673 ! X =      643.939,    5863.161,    574.335,      0.000!    !END!
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6674 ! X =      642.939,   5863.361,      542.016,      0.000!   !END!
6675 ! X =      643.139,   5863.361,      549.348,      0.000!   !END!
6676 ! X =      643.339,   5863.361,      567.544,      0.000!   !END!
6677 ! X =      643.539,   5863.361,      586.625,      0.000!   !END!
6678 ! X =      643.739,   5863.361,      587.920,      0.000!   !END!
6679 ! X =      643.939,   5863.361,      568.486,      0.000!   !END!
6680 ! X =      642.939,   5863.561,      544.566,      0.000!   !END!
6681 ! X =      643.139,   5863.561,      553.881,      0.000!   !END!
6682 ! X =      643.339,   5863.561,      574.630,      0.000!   !END!
6683 ! X =      643.539,   5863.561,      592.938,      0.000!   !END!
6684 ! X =      643.739,   5863.561,      577.053,      0.000!   !END!
6685 ! X =      643.939,   5863.561,      564.256,      0.000!   !END!
6686 ! X =      642.939,   5863.761,      545.666,      0.000!   !END!
6687 ! X =      643.139,   5863.761,      559.602,      0.000!   !END!
6688 ! X =      643.339,   5863.761,      578.594,      0.000!   !END!
6689 ! X =      643.539,   5863.761,      577.523,      0.000!   !END!
6690 ! X =      643.739,   5863.761,      569.219,      0.000!   !END!
6691 ! X =      643.939,   5863.761,      561.201,      0.000!   !END!
6692 ! X =      642.939,   5863.961,      551.063,      0.000!   !END!
6693 ! X =      643.139,   5863.961,      563.378,      0.000!   !END!
6694 ! X =      643.339,   5863.961,      574.026,      0.000!   !END!
6695 ! X =      643.539,   5863.961,      570.942,      0.000!   !END!
6696 ! X =      643.739,   5863.961,      561.210,      0.000!   !END!
6697 ! X =      643.939,   5863.961,      558.910,      0.000!   !END!
6698 ! X =      642.939,   5864.161,      554.949,      0.000!   !END!
6699 ! X =      643.139,   5864.161,      567.086,      0.000!   !END!
6700 ! X =      643.339,   5864.161,      568.336,      0.000!   !END!
6701 ! X =      643.539,   5864.161,      564.092,      0.000!   !END!
6702 ! X =      643.739,   5864.161,      555.067,      0.000!   !END!
6703 ! X =      643.939,   5864.161,      554.924,      0.000!   !END!
6704 ! X =      642.939,   5864.361,      559.606,      0.000!   !END!
6705 ! X =      643.139,   5864.361,      565.234,      0.000!   !END!
6706 ! X =      643.339,   5864.361,      562.064,      0.000!   !END!
6707 ! X =      643.539,   5864.361,      555.897,      0.000!   !END!
6708 ! X =      643.739,   5864.361,      551.992,      0.000!   !END!
6709 ! X =      643.939,   5864.361,      550.156,      0.000!   !END!
6710 ! X =      642.939,   5864.561,      555.973,      0.000!   !END!
6711 ! X =      643.139,   5864.561,      557.680,      0.000!   !END!
6712 ! X =      643.339,   5864.561,      558.925,      0.000!   !END!
6713 ! X =      643.539,   5864.561,      552.375,      0.000!   !END!
6714 ! X =      643.739,   5864.561,      550.086,      0.000!   !END!
6715 ! X =      643.939,   5864.561,      547.837,      0.000!   !END!
6716 ! X =      627.747,   5850.596,      600.241,      0.000!   !END!
6717 ! X =      627.947,   5850.596,      592.050,      0.000!   !END!
6718 ! X =      628.147,   5850.596,      586.856,      0.000!   !END!
6719 ! X =      628.347,   5850.596,      584.857,      0.000!   !END!
6720 ! X =      628.547,   5850.596,      584.000,      0.000!   !END!
6721 ! X =      628.747,   5850.596,      584.000,      0.000!   !END!
6722 ! X =      628.947,   5850.596,      585.171,      0.000!   !END!
6723 ! X =      629.147,   5850.596,      585.431,      0.000!   !END!
6724 ! X =      629.347,   5850.596,      584.699,      0.000!   !END!
6725 ! X =      629.547,   5850.596,      584.000,      0.000!   !END!
6726 ! X =      627.747,   5850.796,      597.674,      0.000!   !END!
6727 ! X =      627.947,   5850.796,      597.290,      0.000!   !END!
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6728 ! X =      628.147,    5850.796,    593.027,    0.000!   !END!
6729 ! X =      628.347,    5850.796,    591.178,    0.000!   !END!
6730 ! X =      628.547,    5850.796,    589.214,    0.000!   !END!
6731 ! X =      628.747,    5850.796,    591.839,    0.000!   !END!
6732 ! X =      628.947,    5850.796,    595.768,    0.000!   !END!
6733 ! X =      629.147,    5850.796,    598.173,    0.000!   !END!
6734 ! X =      629.347,    5850.796,    594.199,    0.000!   !END!
6735 ! X =      629.547,    5850.796,    584.000,    0.000!   !END!
6736 ! X =      627.747,    5850.996,    602.165,    0.000!   !END!
6737 ! X =      627.947,    5850.996,    599.502,    0.000!   !END!
6738 ! X =      628.147,    5850.996,    593.951,    0.000!   !END!
6739 ! X =      628.347,    5850.996,    594.185,    0.000!   !END!
6740 ! X =      628.547,    5850.996,    597.216,    0.000!   !END!
6741 ! X =      628.747,    5850.996,    598.772,    0.000!   !END!
6742 ! X =      628.947,    5850.996,    600.788,    0.000!   !END!
6743 ! X =      629.147,    5850.996,    604.396,    0.000!   !END!
6744 ! X =      629.347,    5850.996,    600.789,    0.000!   !END!
6745 ! X =      629.547,    5850.996,    585.218,    0.000!   !END!
6746 ! X =      627.747,    5851.196,    603.463,    0.000!   !END!
6747 ! X =      627.947,    5851.196,    598.271,    0.000!   !END!
6748 ! X =      628.147,    5851.196,    598.918,    0.000!   !END!
6749 ! X =      628.347,    5851.196,    593.670,    0.000!   !END!
6750 ! X =      628.547,    5851.196,    599.663,    0.000!   !END!
6751 ! X =      628.747,    5851.196,    602.536,    0.000!   !END!
6752 ! X =      628.947,    5851.196,    609.269,    0.000!   !END!
6753 ! X =      629.147,    5851.196,    611.583,    0.000!   !END!
6754 ! X =      629.347,    5851.196,    608.859,    0.000!   !END!
6755 ! X =      629.547,    5851.196,    590.782,    0.000!   !END!
6756 ! X =      627.747,    5851.396,    606.324,    0.000!   !END!
6757 ! X =      627.947,    5851.396,    601.821,    0.000!   !END!
6758 ! X =      628.147,    5851.396,    603.931,    0.000!   !END!
6759 ! X =      628.347,    5851.396,    600.011,    0.000!   !END!
6760 ! X =      628.547,    5851.396,    596.602,    0.000!   !END!
6761 ! X =      628.747,    5851.396,    609.951,    0.000!   !END!
6762 ! X =      628.947,    5851.396,    613.643,    0.000!   !END!
6763 ! X =      629.147,    5851.396,    614.792,    0.000!   !END!
6764 ! X =      629.347,    5851.396,    611.853,    0.000!   !END!
6765 ! X =      629.547,    5851.396,    593.345,    0.000!   !END!
6766 ! X =      627.747,    5851.596,    608.553,    0.000!   !END!
6767 ! X =      627.947,    5851.596,    604.860,    0.000!   !END!
6768 ! X =      628.147,    5851.596,    607.992,    0.000!   !END!
6769 ! X =      628.347,    5851.596,    606.945,    0.000!   !END!
6770 ! X =      628.547,    5851.596,    600.344,    0.000!   !END!
6771 ! X =      628.747,    5851.596,    607.311,    0.000!   !END!
6772 ! X =      628.947,    5851.596,    615.208,    0.000!   !END!
6773 ! X =      629.147,    5851.596,    615.791,    0.000!   !END!
6774 ! X =      629.347,    5851.596,    611.545,    0.000!   !END!
6775 ! X =      629.547,    5851.596,    598.498,    0.000!   !END!
6776 ! X =      633.602,    5857.501,    618.484,    0.000!   !END!
6777 ! X =      631.119,     5857.52,    670.012,    0.000!   !END!
6778 ! X =      631.331,    5856.731,    658.026,    0.000!   !END!
6779 ! X =      631.389,    5855.826,    660.110,    0.000!   !END!
6780 ! X =      630.965,    5854.383,    638.411,    0.000!   !END!
6781 ! X =      634.911,    5854.248,    578.000,    0.000!   !END!
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6782 ! X =      634.814,   5851.034,    604.720,      0.000!   !END!
6783 ! X =      638.605,   5850.977,    552.868,      0.000!   !END!
6784 ! X =      638.605,   5852.227,    575.033,      0.000!   !END!
6785 ! X =      641.646,   5852.247,    610.720,      0.000!   !END!
6786 ! X =      641.588,   5856.654,    586.000,      0.000!   !END!
6787 ! X =      644.552,   5856.673,    565.532,      0.000!   !END!
6788 ! X =      644.305,   5860.886,    538.000,      0.000!   !END!
6789 ! X =      638.028,   5860.862,    552.003,      0.000!   !END!
6790 ! X =      638.009,   5858.597,    549.287,      0.000!   !END!
6791 ! X =       637.47,   5858.559,    534.271,      0.000!   !END!
6792 ! X =      637.432,   5856.577,    534.403,      0.000!   !END!
6793 ! X =      633.582,   5857.501,    618.029,      0.000!   !END!
6794 ! X =      633.562,   5857.501,    617.583,      0.000!   !END!
6795 ! X =      633.542,   5857.501,    616.783,      0.000!   !END!
6796 ! X =      633.523,   5857.502,    615.717,      0.000!   !END!
6797 ! X =      633.503,   5857.502,    614.657,      0.000!   !END!
6798 ! X =      633.483,   5857.502,    612.900,      0.000!   !END!
6799 ! X =      633.463,   5857.502,    610.902,      0.000!   !END!
6800 ! X =      633.443,   5857.502,    608.900,      0.000!   !END!
6801 ! X =      633.423,   5857.502,    605.589,      0.000!   !END!
6802 ! X =      633.403,   5857.503,    602.161,      0.000!   !END!
6803 ! X =      633.384,   5857.503,    598.667,      0.000!   !END!
6804 ! X =      633.364,   5857.503,    594.565,      0.000!   !END!
6805 ! X =      633.344,   5857.503,    590.454,      0.000!   !END!
6806 ! X =      633.324,   5857.503,    586.684,      0.000!   !END!
6807 ! X =      633.304,   5857.503,    583.893,      0.000!   !END!
6808 ! X =      633.284,   5857.503,    581.102,      0.000!   !END!
6809 ! X =      633.264,   5857.504,    578.450,      0.000!   !END!
6810 ! X =      633.244,   5857.504,    575.985,      0.000!   !END!
6811 ! X =      633.225,   5857.504,    573.523,      0.000!   !END!
6812 ! X =      633.205,   5857.504,    571.371,      0.000!   !END!
6813 ! X =      633.185,   5857.504,    569.393,      0.000!   !END!
6814 ! X =      633.165,   5857.504,    567.387,      0.000!   !END!
6815 ! X =      633.145,   5857.505,    566.690,      0.000!   !END!
6816 ! X =      633.125,   5857.505,    566.355,      0.000!   !END!
6817 ! X =      633.105,   5857.505,    566.015,      0.000!   !END!
6818 ! X =      633.086,   5857.505,    566.000,      0.000!   !END!
6819 ! X =      633.066,   5857.505,    566.000,      0.000!   !END!
6820 ! X =      633.046,   5857.505,    566.000,      0.000!   !END!
6821 ! X =      633.026,   5857.505,    566.000,      0.000!   !END!
6822 ! X =      633.006,   5857.506,    566.000,      0.000!   !END!
6823 ! X =      632.986,   5857.506,    566.000,      0.000!   !END!
6824 ! X =      632.966,   5857.506,    566.000,      0.000!   !END!
6825 ! X =      632.946,   5857.506,    566.000,      0.000!   !END!
6826 ! X =      632.927,   5857.506,    566.000,      0.000!   !END!
6827 ! X =      632.907,   5857.506,    566.000,      0.000!   !END!
6828 ! X =      632.887,   5857.506,    566.000,      0.000!   !END!
6829 ! X =      632.867,   5857.507,    566.000,      0.000!   !END!
6830 ! X =      632.847,   5857.507,    566.000,      0.000!   !END!
6831 ! X =      632.827,   5857.507,    566.000,      0.000!   !END!
6832 ! X =      632.807,   5857.507,    566.266,      0.000!   !END!
6833 ! X =      632.788,   5857.507,    566.585,      0.000!   !END!
6834 ! X =      632.768,   5857.507,    566.900,      0.000!   !END!
6835 ! X =      632.748,   5857.508,    568.223,      0.000!   !END!
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6836 ! X =       632.728,   5857.508,   569.546,      0.000!   !END!
6837 ! X =       632.708,   5857.508,   570.776,      0.000!   !END!
6838 ! X =       632.688,   5857.508,   571.598,      0.000!   !END!
6839 ! X =       632.668,   5857.508,   572.436,      0.000!   !END!
6840 ! X =       632.649,   5857.508,   573.357,      0.000!   !END!
6841 ! X =       632.629,   5857.508,   574.419,      0.000!   !END!
6842 ! X =       632.609,   5857.509,   575.479,      0.000!   !END!
6843 ! X =       632.589,   5857.509,   576.390,      0.000!   !END!
6844 ! X =       632.569,   5857.509,   577.160,      0.000!   !END!
6845 ! X =       632.549,   5857.509,   577.935,      0.000!   !END!
6846 ! X =       632.529,   5857.509,   578.520,      0.000!   !END!
6847 ! X =       632.509,   5857.509,   579.023,      0.000!   !END!
6848 ! X =       632.49,    5857.51,    579.536,      0.000!   !END!
6849 ! X =       632.47,    5857.51,    580.777,      0.000!   !END!
6850 ! X =       632.45,    5857.51,    582.135,      0.000!   !END!
6851 ! X =       632.43,    5857.51,    583.478,      0.000!   !END!
6852 ! X =       632.41,    5857.51,    584.471,      0.000!   !END!
6853 ! X =       632.39,    5857.51,    585.459,      0.000!   !END!
6854 ! X =       632.37,    5857.51,    586.619,      0.000!   !END!
6855 ! X =       632.351,   5857.511,   588.486,      0.000!   !END!
6856 ! X =       632.331,   5857.511,   590.359,      0.000!   !END!
6857 ! X =       632.311,   5857.511,   592.367,      0.000!   !END!
6858 ! X =       632.291,   5857.511,   594.603,      0.000!   !END!
6859 ! X =       632.271,   5857.511,   596.846,      0.000!   !END!
6860 ! X =       632.251,   5857.511,   598.730,      0.000!   !END!
6861 ! X =       632.231,   5857.511,   600.306,      0.000!   !END!
6862 ! X =       632.212,   5857.512,   601.871,      0.000!   !END!
6863 ! X =       632.192,   5857.512,   603.077,      0.000!   !END!
6864 ! X =       632.172,   5857.512,   604.146,      0.000!   !END!
6865 ! X =       632.152,   5857.512,   605.214,      0.000!   !END!
6866 ! X =       632.132,   5857.512,   605.968,      0.000!   !END!
6867 ! X =       632.112,   5857.512,   606.683,      0.000!   !END!
6868 ! X =       632.092,   5857.513,   607.434,      0.000!   !END!
6869 ! X =       632.072,   5857.513,   608.729,      0.000!   !END!
6870 ! X =       632.053,   5857.513,   610.018,      0.000!   !END!
6871 ! X =       632.033,   5857.513,   611.303,      0.000!   !END!
6872 ! X =       632.013,   5857.513,   612.581,      0.000!   !END!
6873 ! X =       631.993,   5857.513,   613.854,      0.000!   !END!
6874 ! X =       631.973,   5857.513,   615.181,      0.000!   !END!
6875 ! X =       631.953,   5857.514,   616.587,      0.000!   !END!
6876 ! X =       631.933,   5857.514,   617.995,      0.000!   !END!
6877 ! X =       631.914,   5857.514,   619.933,      0.000!   !END!
6878 ! X =       631.894,   5857.514,   622.248,      0.000!   !END!
6879 ! X =       631.874,   5857.514,   624.559,      0.000!   !END!
6880 ! X =       631.854,   5857.514,   627.396,      0.000!   !END!
6881 ! X =       631.834,   5857.515,   630.404,      0.000!   !END!
6882 ! X =       631.814,   5857.515,   633.406,      0.000!   !END!
6883 ! X =       631.794,   5857.515,   635.922,      0.000!   !END!
6884 ! X =       631.775,   5857.515,   638.391,      0.000!   !END!
6885 ! X =       631.755,   5857.515,   640.826,      0.000!   !END!
6886 ! X =       631.735,   5857.515,   643.076,      0.000!   !END!
6887 ! X =       631.715,   5857.515,   645.340,      0.000!   !END!
6888 ! X =       631.695,   5857.516,   647.668,      0.000!   !END!
6889 ! X =       631.675,   5857.516,   650.130,      0.000!   !END!
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6890 ! X =       631.655,   5857.516,     652.590,        0.000!   !END!
6891 ! X =       631.635,   5857.516,     654.977,        0.000!   !END!
6892 ! X =       631.616,   5857.516,     657.273,        0.000!   !END!
6893 ! X =       631.596,   5857.516,     659.575,        0.000!   !END!
6894 ! X =       631.576,   5857.517,     661.446,        0.000!   !END!
6895 ! X =       631.556,   5857.517,     663.051,        0.000!   !END!
6896 ! X =       631.536,   5857.517,     664.662,        0.000!   !END!
6897 ! X =       631.516,   5857.517,     665.799,        0.000!   !END!
6898 ! X =       631.496,   5857.517,     666.802,        0.000!   !END!
6899 ! X =       631.477,   5857.517,     667.794,        0.000!   !END!
6900 ! X =       631.457,   5857.517,     668.838,        0.000!   !END!
6901 ! X =       631.437,   5857.518,     669.884,        0.000!   !END!
6902 ! X =       631.417,   5857.518,     670.844,        0.000!   !END!
6903 ! X =       631.397,   5857.518,     671.265,        0.000!   !END!
6904 ! X =       631.377,   5857.518,     671.696,        0.000!   !END!
6905 ! X =       631.357,   5857.518,     672.069,        0.000!   !END!
6906 ! X =       631.338,   5857.518,     672.295,        0.000!   !END!
6907 ! X =       631.318,   5857.518,     672.526,        0.000!   !END!
6908 ! X =       631.298,   5857.519,     672.652,        0.000!   !END!
6909 ! X =       631.278,   5857.519,     672.659,        0.000!   !END!
6910 ! X =       631.258,   5857.519,     672.666,        0.000!   !END!
6911 ! X =       631.238,   5857.519,     672.443,        0.000!   !END!
6912 ! X =       631.218,   5857.519,     672.096,        0.000!   !END!
6913 ! X =       631.198,   5857.519,     671.750,        0.000!   !END!
6914 ! X =       631.179,    5857.52,     671.404,        0.000!   !END!
6915 ! X =       631.159,    5857.52,     671.058,        0.000!   !END!
6916 ! X =       631.139,    5857.52,     670.711,        0.000!   !END!
6917 ! X =       631.124,   5857.501,     669.969,        0.000!   !END!
6918 ! X =       631.129,   5857.482,     669.925,        0.000!   !END!
6919 ! X =       631.135,   5857.462,     669.882,        0.000!   !END!
6920 ! X =        631.14,   5857.443,     669.721,        0.000!   !END!
6921 ! X =       631.145,   5857.424,     669.388,        0.000!   !END!
6922 ! X =        631.15,   5857.405,     668.996,        0.000!   !END!
6923 ! X =       631.155,   5857.385,     668.569,        0.000!   !END!
6924 ! X =        631.16,   5857.366,     668.108,        0.000!   !END!
6925 ! X =       631.166,   5857.347,     667.414,        0.000!   !END!
6926 ! X =       631.171,   5857.328,     666.691,        0.000!   !END!
6927 ! X =       631.176,   5857.308,     666.002,        0.000!   !END!
6928 ! X =       631.181,   5857.289,     665.348,        0.000!   !END!
6929 ! X =       631.186,    5857.27,     664.729,        0.000!   !END!
6930 ! X =       631.191,   5857.251,     663.810,        0.000!   !END!
6931 ! X =       631.197,   5857.231,     662.854,        0.000!   !END!
6932 ! X =       631.202,   5857.212,     661.863,        0.000!   !END!
6933 ! X =       631.207,   5857.193,     661.000,        0.000!   !END!
6934 ! X =       631.212,   5857.174,     660.324,        0.000!   !END!
6935 ! X =       631.217,   5857.154,     660.155,        0.000!   !END!
6936 ! X =       631.222,   5857.135,     659.985,        0.000!   !END!
6937 ! X =       631.228,   5857.116,     659.816,        0.000!   !END!
6938 ! X =       631.233,   5857.097,     659.646,        0.000!   !END!
6939 ! X =       631.238,   5857.077,     659.300,        0.000!   !END!
6940 ! X =       631.243,   5857.058,     658.713,        0.000!   !END!
6941 ! X =       631.248,   5857.039,     658.125,        0.000!   !END!
6942 ! X =       631.253,    5857.02,     657.538,        0.000!   !END!
6943 ! X =       631.259,     5857.0,     656.950,        0.000!   !END!
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6944 ! X =      631.264,    5856.981,    656.628,      0.000!   !END!
6945 ! X =      631.269,    5856.962,    656.506,      0.000!   !END!
6946 ! X =      631.274,    5856.943,    656.419,      0.000!   !END!
6947 ! X =      631.279,    5856.923,    656.332,      0.000!   !END!
6948 ! X =      631.284,    5856.904,    656.246,      0.000!   !END!
6949 ! X =       631.29,    5856.885,    656.159,      0.000!   !END!
6950 ! X =      631.295,    5856.866,    656.072,      0.000!   !END!
6951 ! X =        631.3,    5856.846,    655.985,      0.000!   !END!
6952 ! X =      631.305,    5856.827,    655.899,      0.000!   !END!
6953 ! X =       631.31,    5856.808,    655.854,      0.000!   !END!
6954 ! X =      631.315,    5856.789,    656.394,      0.000!   !END!
6955 ! X =      631.321,    5856.769,    656.934,      0.000!   !END!
6956 ! X =      631.326,     5856.75,    657.474,      0.000!   !END!
6957 ! X =      631.332,    5856.711,    658.333,      0.000!   !END!
6958 ! X =      631.334,    5856.692,    658.780,      0.000!   !END!
6959 ! X =      631.335,    5856.672,    659.216,      0.000!   !END!
6960 ! X =      631.336,    5856.652,    659.641,      0.000!   !END!
6961 ! X =      631.337,    5856.633,    660.054,      0.000!   !END!
6962 ! X =      631.339,    5856.613,    660.531,      0.000!   !END!
6963 ! X =       631.34,    5856.593,    661.071,      0.000!   !END!
6964 ! X =      631.341,    5856.574,    661.627,      0.000!   !END!
6965 ! X =      631.342,    5856.554,    662.200,      0.000!   !END!
6966 ! X =      631.344,    5856.534,    662.789,      0.000!   !END!
6967 ! X =      631.345,    5856.515,    664.941,      0.000!   !END!
6968 ! X =      631.346,    5856.495,    667.300,      0.000!   !END!
6969 ! X =      631.347,    5856.475,    669.651,      0.000!   !END!
6970 ! X =      631.349,    5856.456,    671.998,      0.000!   !END!
6971 ! X =       631.35,    5856.436,    674.128,      0.000!   !END!
6972 ! X =      631.351,    5856.416,    675.242,      0.000!   !END!
6973 ! X =      631.352,    5856.397,    676.334,      0.000!   !END!
6974 ! X =      631.354,    5856.377,    677.404,      0.000!   !END!
6975 ! X =      631.355,    5856.357,    678.452,      0.000!   !END!
6976 ! X =      631.356,    5856.338,    678.413,      0.000!   !END!
6977 ! X =      631.357,    5856.318,    677.147,      0.000!   !END!
6978 ! X =      631.359,    5856.298,    675.865,      0.000!   !END!
6979 ! X =       631.36,    5856.279,    674.567,      0.000!   !END!
6980 ! X =      631.361,    5856.259,    673.252,      0.000!   !END!
6981 ! X =      631.363,    5856.239,    670.876,      0.000!   !END!
6982 ! X =      631.364,    5856.219,    668.192,      0.000!   !END!
6983 ! X =      631.365,     5856.2,     665.529,      0.000!   !END!
6984 ! X =      631.366,     5856.18,    662.889,      0.000!   !END!
6985 ! X =      631.368,     5856.16,    660.335,      0.000!   !END!
6986 ! X =      631.369,    5856.141,    658.892,      0.000!   !END!
6987 ! X =       631.37,    5856.121,    657.477,      0.000!   !END!
6988 ! X =      631.371,    5856.101,    656.089,      0.000!   !END!
6989 ! X =      631.373,    5856.082,    654.729,      0.000!   !END!
6990 ! X =      631.374,    5856.062,    654.035,      0.000!   !END!
6991 ! X =      631.375,    5856.042,    654.537,      0.000!   !END!
6992 ! X =      631.376,    5856.023,    655.040,      0.000!   !END!
6993 ! X =      631.378,    5856.003,    655.542,      0.000!   !END!
6994 ! X =      631.379,    5855.983,    656.045,      0.000!   !END!
6995 ! X =       631.38,    5855.964,    656.473,      0.000!   !END!
6996 ! X =      631.381,    5855.944,    656.855,      0.000!   !END!
6997 ! X =      631.383,    5855.924,    657.232,      0.000!   !END!
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6998 ! X =        631.384,    5855.905,    657.603,        0.000!   !END!
6999 ! X =        631.385,    5855.885,    657.969,        0.000!   !END!
7000 ! X =        631.386,    5855.865,    658.683,        0.000!   !END!
7001 ! X =        631.388,    5855.846,    659.405,        0.000!   !END!
7002 ! X =        631.383,    5855.807,    660.465,        0.000!   !END!
7003 ! X =        631.378,    5855.788,    660.921,        0.000!   !END!
7004 ! X =        631.372,    5855.769,    661.337,        0.000!   !END!
7005 ! X =        631.367,     5855.75,    661.885,        0.000!   !END!
7006 ! X =        631.361,    5855.731,    662.565,        0.000!   !END!
7007 ! X =        631.356,    5855.712,    663.373,        0.000!   !END!
7008 ! X =         631.35,    5855.693,    664.413,        0.000!   !END!
7009 ! X =        631.344,    5855.674,    665.895,        0.000!   !END!
7010 ! X =        631.339,    5855.655,    667.511,        0.000!   !END!
7011 ! X =        631.333,    5855.636,    669.258,        0.000!   !END!
7012 ! X =        631.328,    5855.617,    671.138,        0.000!   !END!
7013 ! X =        631.322,    5855.598,    672.662,        0.000!   !END!
7014 ! X =        631.316,    5855.579,    673.096,        0.000!   !END!
7015 ! X =        631.311,     5855.56,    673.530,        0.000!   !END!
7016 ! X =        631.305,    5855.541,    673.964,        0.000!   !END!
7017 ! X =          631.3,    5855.522,    674.286,        0.000!   !END!
7018 ! X =        631.294,    5855.503,    674.595,        0.000!   !END!
7019 ! X =        631.289,    5855.484,    674.935,        0.000!   !END!
7020 ! X =        631.283,    5855.465,    675.407,        0.000!   !END!
7021 ! X =        631.277,    5855.446,    676.012,        0.000!   !END!
7022 ! X =        631.272,    5855.427,    676.748,        0.000!   !END!
7023 ! X =        631.266,    5855.408,    677.319,        0.000!   !END!
7024 ! X =        631.261,    5855.389,    677.564,        0.000!   !END!
7025 ! X =        631.255,     5855.37,    677.808,        0.000!   !END!
7026 ! X =         631.25,    5855.351,    677.879,        0.000!   !END!
7027 ! X =        631.244,    5855.332,    677.911,        0.000!   !END!
7028 ! X =        631.238,    5855.313,    677.743,        0.000!   !END!
7029 ! X =        631.233,    5855.294,    677.365,        0.000!   !END!
7030 ! X =        631.227,    5855.275,    676.986,        0.000!   !END!
7031 ! X =        631.222,    5855.256,    676.608,        0.000!   !END!
7032 ! X =        631.216,    5855.237,    676.230,        0.000!   !END!
7033 ! X =         631.21,    5855.218,    675.627,        0.000!   !END!
7034 ! X =        631.205,    5855.199,    674.840,        0.000!   !END!
7035 ! X =        631.199,     5855.18,    673.829,        0.000!   !END!
7036 ! X =        631.194,    5855.161,    672.611,        0.000!   !END!
7037 ! X =        631.188,    5855.142,    671.392,        0.000!   !END!
7038 ! X =        631.183,    5855.123,    670.278,        0.000!   !END!
7039 ! X =        631.177,    5855.105,    669.287,        0.000!   !END!
7040 ! X =        631.171,    5855.086,    668.383,        0.000!   !END!
7041 ! X =        631.166,    5855.067,    667.569,        0.000!   !END!
7042 ! X =         631.16,    5855.048,    666.842,        0.000!   !END!
7043 ! X =        631.155,    5855.029,    666.215,        0.000!   !END!
7044 ! X =        631.149,     5855.01,    665.576,        0.000!   !END!
7045 ! X =        631.144,    5854.991,    664.763,        0.000!   !END!
7046 ! X =        631.138,    5854.972,    663.951,        0.000!   !END!
7047 ! X =        631.132,    5854.953,    663.139,        0.000!   !END!
7048 ! X =        631.127,    5854.934,    661.718,        0.000!   !END!
7049 ! X =        631.121,    5854.915,    660.292,        0.000!   !END!
7050 ! X =        631.116,    5854.896,    658.999,        0.000!   !END!
7051 ! X =         631.11,    5854.877,    657.838,        0.000!   !END!
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7052 ! X =      631.104,    5854.858,     656.809,        0.000!   !END!
7053 ! X =      631.099,    5854.839,     655.714,        0.000!   !END!
7054 ! X =      631.093,     5854.82,     654.335,        0.000!   !END!
7055 ! X =      631.088,    5854.801,     653.001,        0.000!   !END!
7056 ! X =      631.082,    5854.782,     651.710,        0.000!   !END!
7057 ! X =      631.077,    5854.763,     650.464,        0.000!   !END!
7058 ! X =      631.071,    5854.744,     649.460,        0.000!   !END!
7059 ! X =      631.065,    5854.725,     648.505,        0.000!   !END!
7060 ! X =       631.06,    5854.706,     647.594,        0.000!   !END!
7061 ! X =      631.054,    5854.687,     646.726,        0.000!   !END!
7062 ! X =      631.049,    5854.668,     645.868,        0.000!   !END!
7063 ! X =      631.043,    5854.649,     644.448,        0.000!   !END!
7064 ! X =      631.038,     5854.63,     643.185,        0.000!   !END!
7065 ! X =      631.032,    5854.611,     642.098,        0.000!   !END!
7066 ! X =      631.026,    5854.592,     641.188,        0.000!   !END!
7067 ! X =      631.021,    5854.573,     640.507,        0.000!   !END!
7068 ! X =      631.015,    5854.554,     640.296,        0.000!   !END!
7069 ! X =       631.01,    5854.535,     640.173,        0.000!   !END!
7070 ! X =      631.004,    5854.516,     640.138,        0.000!   !END!
7071 ! X =      630.998,    5854.497,     640.191,        0.000!   !END!
7072 ! X =      630.993,    5854.478,     640.115,        0.000!   !END!
7073 ! X =      630.987,    5854.459,     639.682,        0.000!   !END!
7074 ! X =      630.982,     5854.44,     639.292,        0.000!   !END!
7075 ! X =      630.976,    5854.421,     638.947,        0.000!   !END!
7076 ! X =      630.971,    5854.402,     638.646,        0.000!   !END!
7077 ! X =      630.985,    5854.382,     636.232,        0.000!   !END!
7078 ! X =      631.005,    5854.382,     634.147,        0.000!   !END!
7079 ! X =      631.025,    5854.381,     632.286,        0.000!   !END!
7080 ! X =      631.045,     5854.38,     630.416,        0.000!   !END!
7081 ! X =      631.065,     5854.38,     628.433,        0.000!   !END!
7082 ! X =      631.085,    5854.379,     626.343,        0.000!   !END!
7083 ! X =      631.105,    5854.378,     624.270,        0.000!   !END!
7084 ! X =      631.124,    5854.378,     622.790,        0.000!   !END!
7085 ! X =      631.144,    5854.377,     621.622,        0.000!   !END!
7086 ! X =      631.164,    5854.376,     620.444,        0.000!   !END!
7087 ! X =      631.184,    5854.376,     619.199,        0.000!   !END!
7088 ! X =      631.204,    5854.375,     617.922,        0.000!   !END!
7089 ! X =      631.224,    5854.374,     616.627,        0.000!   !END!
7090 ! X =      631.244,    5854.373,     615.045,        0.000!   !END!
7091 ! X =      631.264,    5854.373,     613.453,        0.000!   !END!
7092 ! X =      631.284,    5854.372,     611.823,        0.000!   !END!
7093 ! X =      631.304,    5854.371,     610.060,        0.000!   !END!
7094 ! X =      631.324,    5854.371,     608.305,        0.000!   !END!
7095 ! X =      631.344,     5854.37,     606.561,        0.000!   !END!
7096 ! X =      631.364,    5854.369,     604.825,        0.000!   !END!
7097 ! X =      631.384,    5854.369,     603.099,        0.000!   !END!
7098 ! X =      631.403,    5854.368,     601.259,        0.000!   !END!
7099 ! X =      631.423,    5854.367,     599.328,        0.000!   !END!
7100 ! X =      631.443,    5854.367,     597.415,        0.000!   !END!
7101 ! X =      631.463,    5854.366,     595.773,        0.000!   !END!
7102 ! X =      631.483,    5854.365,     594.252,        0.000!   !END!
7103 ! X =      631.503,    5854.365,     592.749,        0.000!   !END!
7104 ! X =      631.523,    5854.364,     591.312,        0.000!   !END!
7105 ! X =      631.543,    5854.363,     589.881,        0.000!   !END!
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7106 ! X =      631.563,    5854.363,     588.483,        0.000!   !END!
7107 ! X =      631.583,    5854.362,     587.549,        0.000!   !END!
7108 ! X =      631.603,    5854.361,     586.643,        0.000!   !END!
7109 ! X =      631.623,    5854.361,     585.765,        0.000!   !END!
7110 ! X =      631.643,     5854.36,     584.914,        0.000!   !END!
7111 ! X =      631.663,    5854.359,     584.092,        0.000!   !END!
7112 ! X =      631.682,    5854.358,     583.750,        0.000!   !END!
7113 ! X =      631.702,    5854.358,     584.047,        0.000!   !END!
7114 ! X =      631.722,    5854.357,     584.373,        0.000!   !END!
7115 ! X =      631.742,    5854.356,     585.153,        0.000!   !END!
7116 ! X =      631.762,    5854.356,     586.243,        0.000!   !END!
7117 ! X =      631.782,    5854.355,     587.361,        0.000!   !END!
7118 ! X =      631.802,    5854.354,     589.338,        0.000!   !END!
7119 ! X =      631.822,    5854.354,     591.575,        0.000!   !END!
7120 ! X =      631.842,    5854.353,     593.840,        0.000!   !END!
7121 ! X =      631.862,    5854.352,     596.457,        0.000!   !END!
7122 ! X =      631.882,    5854.352,     599.144,        0.000!   !END!
7123 ! X =      631.902,    5854.351,     602.032,        0.000!   !END!
7124 ! X =      631.922,     5854.35,     605.867,        0.000!   !END!
7125 ! X =      631.942,     5854.35,     609.730,        0.000!   !END!
7126 ! X =      631.961,    5854.349,     613.682,        0.000!   !END!
7127 ! X =      631.981,    5854.348,     617.789,        0.000!   !END!
7128 ! X =      632.001,    5854.348,     621.906,        0.000!   !END!
7129 ! X =      632.021,    5854.347,     626.430,        0.000!   !END!
7130 ! X =      632.041,    5854.346,     631.391,        0.000!   !END!
7131 ! X =      632.061,    5854.346,     636.389,        0.000!   !END!
7132 ! X =      632.081,    5854.345,     641.046,        0.000!   !END!
7133 ! X =      632.101,    5854.344,     645.539,        0.000!   !END!
7134 ! X =      632.121,    5854.343,     650.054,        0.000!   !END!
7135 ! X =      632.141,    5854.343,     655.087,        0.000!   !END!
7136 ! X =      632.161,    5854.342,     660.246,        0.000!   !END!
7137 ! X =      632.181,    5854.341,     665.375,        0.000!   !END!
7138 ! X =      632.201,    5854.341,     668.082,        0.000!   !END!
7139 ! X =      632.221,     5854.34,     670.761,        0.000!   !END!
7140 ! X =       632.24,    5854.339,     673.290,        0.000!   !END!
7141 ! X =       632.26,    5854.339,     675.292,        0.000!   !END!
7142 ! X =       632.28,    5854.338,     677.237,        0.000!   !END!
7143 ! X =        632.3,    5854.337,     679.358,        0.000!   !END!
7144 ! X =       632.32,    5854.337,     681.829,        0.000!   !END!
7145 ! X =       632.34,    5854.336,     684.292,        0.000!   !END!
7146 ! X =       632.36,    5854.335,     686.144,        0.000!   !END!
7147 ! X =       632.38,    5854.335,     687.524,        0.000!   !END!
7148 ! X =        632.4,    5854.334,     688.879,        0.000!   !END!
7149 ! X =       632.42,    5854.333,     690.506,        0.000!   !END!
7150 ! X =       632.44,    5854.333,     692.262,        0.000!   !END!
7151 ! X =       632.46,    5854.332,     694.059,        0.000!   !END!
7152 ! X =       632.48,    5854.331,     696.364,        0.000!   !END!
7153 ! X =        632.5,    5854.331,     698.669,        0.000!   !END!
7154 ! X =      632.519,     5854.33,     700.947,        0.000!   !END!
7155 ! X =      632.539,    5854.329,     703.369,        0.000!   !END!
7156 ! X =      632.559,    5854.328,     705.707,        0.000!   !END!
7157 ! X =      632.579,    5854.328,     707.429,        0.000!   !END!
7158 ! X =      632.599,    5854.327,     707.674,        0.000!   !END!
7159 ! X =      632.619,    5854.326,     707.873,        0.000!   !END!
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7160 ! X =      632.639,    5854.326,      707.785,      0.000!   !END!
7161 ! X =      632.659,    5854.325,      707.378,      0.000!   !END!
7162 ! X =      632.679,    5854.324,      706.953,      0.000!   !END!
7163 ! X =      632.699,    5854.324,      706.463,      0.000!   !END!
7164 ! X =      632.719,    5854.323,      705.920,      0.000!   !END!
7165 ! X =      632.739,    5854.322,      705.348,      0.000!   !END!
7166 ! X =      632.759,    5854.322,      704.392,      0.000!   !END!
7167 ! X =      632.779,    5854.321,      703.315,      0.000!   !END!
7168 ! X =      632.798,     5854.32,      702.200,      0.000!   !END!
7169 ! X =      632.818,     5854.32,      701.745,      0.000!   !END!
7170 ! X =      632.838,    5854.319,      701.263,      0.000!   !END!
7171 ! X =      632.858,    5854.318,      700.643,      0.000!   !END!
7172 ! X =      632.878,    5854.318,      699.488,      0.000!   !END!
7173 ! X =      632.898,    5854.317,      698.331,      0.000!   !END!
7174 ! X =      632.918,    5854.316,      697.097,      0.000!   !END!
7175 ! X =      632.938,    5854.316,      695.718,      0.000!   !END!
7176 ! X =      632.958,    5854.315,      694.348,      0.000!   !END!
7177 ! X =      632.978,    5854.314,      692.844,      0.000!   !END!
7178 ! X =      632.998,    5854.313,      691.200,      0.000!   !END!
7179 ! X =      633.018,    5854.313,      689.548,      0.000!   !END!
7180 ! X =      633.038,    5854.312,      687.572,      0.000!   !END!
7181 ! X =      633.058,    5854.311,      685.481,      0.000!   !END!
7182 ! X =      633.078,    5854.311,      683.418,      0.000!   !END!
7183 ! X =      633.097,     5854.31,      681.402,      0.000!   !END!
7184 ! X =      633.117,    5854.309,      679.399,      0.000!   !END!
7185 ! X =      633.137,    5854.309,      677.386,      0.000!   !END!
7186 ! X =      633.157,    5854.308,      675.047,      0.000!   !END!
7187 ! X =      633.177,    5854.307,      672.717,      0.000!   !END!
7188 ! X =      633.197,    5854.307,      670.151,      0.000!   !END!
7189 ! X =      633.217,    5854.306,      666.777,      0.000!   !END!
7190 ! X =      633.237,    5854.305,      663.413,      0.000!   !END!
7191 ! X =      633.257,    5854.305,      660.799,      0.000!   !END!
7192 ! X =      633.277,    5854.304,      659.232,      0.000!   !END!
7193 ! X =      633.297,    5854.303,      657.628,      0.000!   !END!
7194 ! X =      633.317,    5854.303,      657.058,      0.000!   !END!
7195 ! X =      633.337,    5854.302,      657.181,      0.000!   !END!
7196 ! X =      633.357,    5854.301,      657.238,      0.000!   !END!
7197 ! X =      633.376,    5854.301,      657.578,      0.000!   !END!
7198 ! X =      633.396,      5854.3,      658.000,      0.000!   !END!
7199 ! X =      633.416,    5854.299,      658.403,      0.000!   !END!
7200 ! X =      633.436,    5854.298,      659.251,      0.000!   !END!
7201 ! X =      633.456,    5854.298,      660.129,      0.000!   !END!
7202 ! X =      633.476,    5854.297,      661.014,      0.000!   !END!
7203 ! X =      633.496,    5854.296,      661.967,      0.000!   !END!
7204 ! X =      633.516,    5854.296,      662.948,      0.000!   !END!
7205 ! X =      633.536,    5854.295,      663.847,      0.000!   !END!
7206 ! X =      633.556,    5854.294,      664.486,      0.000!   !END!
7207 ! X =      633.576,    5854.294,      665.118,      0.000!   !END!
7208 ! X =      633.596,    5854.293,      665.504,      0.000!   !END!
7209 ! X =      633.616,    5854.292,      665.637,      0.000!   !END!
7210 ! X =      633.636,    5854.292,      665.778,      0.000!   !END!
7211 ! X =      633.655,    5854.291,      665.464,      0.000!   !END!
7212 ! X =      633.675,     5854.29,      664.916,      0.000!   !END!
7213 ! X =      633.695,     5854.29,      664.377,      0.000!   !END!
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7214 ! X =       633.715,    5854.289,      663.882,        0.000!   !END!
7215 ! X =       633.735,    5854.288,      663.395,        0.000!   !END!
7216 ! X =       633.755,    5854.288,      662.904,        0.000!   !END!
7217 ! X =       633.775,    5854.287,      662.007,        0.000!   !END!
7218 ! X =       633.795,    5854.286,      661.129,        0.000!   !END!
7219 ! X =       633.815,    5854.286,      660.203,        0.000!   !END!
7220 ! X =       633.835,    5854.285,      659.009,        0.000!   !END!
7221 ! X =       633.855,    5854.284,      657.833,        0.000!   !END!
7222 ! X =       633.875,    5854.283,      656.673,        0.000!   !END!
7223 ! X =       633.895,    5854.283,      655.533,        0.000!   !END!
7224 ! X =       633.915,    5854.282,      654.366,        0.000!   !END!
7225 ! X =       633.934,    5854.281,      652.440,        0.000!   !END!
7226 ! X =       633.954,    5854.281,      649.906,        0.000!   !END!
7227 ! X =       633.974,     5854.28,      647.399,        0.000!   !END!
7228 ! X =       633.994,    5854.279,      644.409,        0.000!   !END!
7229 ! X =       634.014,    5854.279,      641.250,        0.000!   !END!
7230 ! X =       634.034,    5854.278,      638.120,        0.000!   !END!
7231 ! X =       634.054,    5854.277,      635.199,        0.000!   !END!
7232 ! X =       634.074,    5854.277,      632.290,        0.000!   !END!
7233 ! X =       634.094,    5854.276,      629.372,        0.000!   !END!
7234 ! X =       634.114,    5854.275,      626.444,        0.000!   !END!
7235 ! X =       634.134,    5854.275,      623.507,        0.000!   !END!
7236 ! X =       634.154,    5854.274,      620.726,        0.000!   !END!
7237 ! X =       634.174,    5854.273,      618.411,        0.000!   !END!
7238 ! X =       634.194,    5854.273,      616.077,        0.000!   !END!
7239 ! X =       634.213,    5854.272,      613.857,        0.000!   !END!
7240 ! X =       634.233,    5854.271,      611.817,        0.000!   !END!
7241 ! X =       634.253,    5854.271,      609.795,        0.000!   !END!
7242 ! X =       634.273,     5854.27,      608.604,        0.000!   !END!
7243 ! X =       634.293,    5854.269,      607.940,        0.000!   !END!
7244 ! X =       634.313,    5854.268,      607.285,        0.000!   !END!
7245 ! X =       634.333,    5854.268,      606.557,        0.000!   !END!
7246 ! X =       634.353,    5854.267,      605.809,        0.000!   !END!
7247 ! X =       634.373,    5854.266,      605.060,        0.000!   !END!
7248 ! X =       634.393,    5854.266,      604.312,        0.000!   !END!
7249 ! X =       634.413,    5854.265,      603.563,        0.000!   !END!
7250 ! X =       634.433,    5854.264,      602.833,        0.000!   !END!
7251 ! X =       634.453,    5854.264,      602.217,        0.000!   !END!
7252 ! X =       634.473,    5854.263,      601.612,        0.000!   !END!
7253 ! X =       634.492,    5854.262,      600.855,        0.000!   !END!
7254 ! X =       634.512,    5854.262,      599.766,        0.000!   !END!
7255 ! X =       634.532,    5854.261,      598.676,        0.000!   !END!
7256 ! X =       634.552,     5854.26,      597.409,        0.000!   !END!
7257 ! X =       634.572,     5854.26,      595.965,        0.000!   !END!
7258 ! X =       634.592,    5854.259,      594.521,        0.000!   !END!
7259 ! X =       634.612,    5854.258,      592.730,        0.000!   !END!
7260 ! X =       634.632,    5854.258,      590.751,        0.000!   !END!
7261 ! X =       634.652,    5854.257,      588.743,        0.000!   !END!
7262 ! X =       634.672,    5854.256,      587.631,        0.000!   !END!
7263 ! X =       634.692,    5854.256,      586.662,        0.000!   !END!
7264 ! X =       634.712,    5854.255,      585.679,        0.000!   !END!
7265 ! X =       634.732,    5854.254,      584.536,        0.000!   !END!
7266 ! X =       634.752,    5854.253,      583.392,        0.000!   !END!
7267 ! X =       634.771,    5854.253,      582.232,        0.000!   !END!
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7268 ! X =      634.791,   5854.252,    581.022,      0.000!   !END!
7269 ! X =      634.811,   5854.251,    579.841,      0.000!   !END!
7270 ! X =      634.831,   5854.251,    578.963,      0.000!   !END!
7271 ! X =      634.851,    5854.25,    578.547,      0.000!   !END!
7272 ! X =      634.871,   5854.249,    578.159,      0.000!   !END!
7273 ! X =      634.891,   5854.249,    578.000,      0.000!   !END!
7274 ! X =       634.91,   5854.228,    578.000,      0.000!   !END!
7275 ! X =       634.91,   5854.208,    578.000,      0.000!   !END!
7276 ! X =      634.909,   5854.188,    578.000,      0.000!   !END!
7277 ! X =      634.909,   5854.168,    578.000,      0.000!   !END!
7278 ! X =      634.908,   5854.148,    578.000,      0.000!   !END!
7279 ! X =      634.907,   5854.128,    578.000,      0.000!   !END!
7280 ! X =      634.907,   5854.108,    578.000,      0.000!   !END!
7281 ! X =      634.906,   5854.088,    578.000,      0.000!   !END!
7282 ! X =      634.906,   5854.068,    578.000,      0.000!   !END!
7283 ! X =      634.905,   5854.048,    578.000,      0.000!   !END!
7284 ! X =      634.904,   5854.028,    578.000,      0.000!   !END!
7285 ! X =      634.904,   5854.008,    578.000,      0.000!   !END!
7286 ! X =      634.903,   5853.988,    578.000,      0.000!   !END!
7287 ! X =      634.903,   5853.969,    578.000,      0.000!   !END!
7288 ! X =      634.902,   5853.949,    578.000,      0.000!   !END!
7289 ! X =      634.901,   5853.929,    578.000,      0.000!   !END!
7290 ! X =      634.901,   5853.909,    578.000,      0.000!   !END!
7291 ! X =       634.9,    5853.889,    578.000,      0.000!   !END!
7292 ! X =       634.9,    5853.869,    578.000,      0.000!   !END!
7293 ! X =      634.899,   5853.849,    578.000,      0.000!   !END!
7294 ! X =      634.898,   5853.829,    578.000,      0.000!   !END!
7295 ! X =      634.898,   5853.809,    578.000,      0.000!   !END!
7296 ! X =      634.897,   5853.789,    578.000,      0.000!   !END!
7297 ! X =      634.897,   5853.769,    578.000,      0.000!   !END!
7298 ! X =      634.896,   5853.749,    578.000,      0.000!   !END!
7299 ! X =      634.895,   5853.729,    578.000,      0.000!   !END!
7300 ! X =      634.895,   5853.709,    578.000,      0.000!   !END!
7301 ! X =      634.894,   5853.689,    578.000,      0.000!   !END!
7302 ! X =      634.894,   5853.669,    578.000,      0.000!   !END!
7303 ! X =      634.893,   5853.649,    578.000,      0.000!   !END!
7304 ! X =      634.892,   5853.629,    578.000,      0.000!   !END!
7305 ! X =      634.892,   5853.609,    578.000,      0.000!   !END!
7306 ! X =      634.891,   5853.589,    578.000,      0.000!   !END!
7307 ! X =      634.891,   5853.569,    578.000,      0.000!   !END!
7308 ! X =       634.89,   5853.549,    578.000,      0.000!   !END!
7309 ! X =      634.889,   5853.529,    578.000,      0.000!   !END!
7310 ! X =      634.889,   5853.509,    578.000,      0.000!   !END!
7311 ! X =      634.888,   5853.489,    578.000,      0.000!   !END!
7312 ! X =      634.888,   5853.469,    578.000,      0.000!   !END!
7313 ! X =      634.887,   5853.449,    578.000,      0.000!   !END!
7314 ! X =      634.886,    5853.43,    578.000,      0.000!   !END!
7315 ! X =      634.886,    5853.41,    578.000,      0.000!   !END!
7316 ! X =      634.885,    5853.39,    578.000,      0.000!   !END!
7317 ! X =      634.884,    5853.37,    578.000,      0.000!   !END!
7318 ! X =      634.884,    5853.35,    578.000,      0.000!   !END!
7319 ! X =      634.883,    5853.33,    578.000,      0.000!   !END!
7320 ! X =      634.883,    5853.31,    578.000,      0.000!   !END!
7321 ! X =      634.882,    5853.29,    578.000,      0.000!   !END!
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7322 ! X =      634.881,     5853.27,     578.000,      0.000!   !END!
7323 ! X =      634.881,     5853.25,     578.000,      0.000!   !END!
7324 ! X =       634.88,     5853.23,     578.000,      0.000!   !END!
7325 ! X =       634.88,     5853.21,     578.000,      0.000!   !END!
7326 ! X =      634.879,     5853.19,     578.000,      0.000!   !END!
7327 ! X =      634.878,     5853.17,     578.000,      0.000!   !END!
7328 ! X =      634.878,     5853.15,     578.000,      0.000!   !END!
7329 ! X =      634.877,     5853.13,     578.000,      0.000!   !END!
7330 ! X =      634.877,     5853.11,     578.000,      0.000!   !END!
7331 ! X =      634.876,     5853.09,     578.000,      0.000!   !END!
7332 ! X =      634.875,     5853.07,     578.000,      0.000!   !END!
7333 ! X =      634.875,     5853.05,     578.000,      0.000!   !END!
7334 ! X =      634.874,     5853.03,     578.000,      0.000!   !END!
7335 ! X =      634.874,     5853.01,     578.000,      0.000!   !END!
7336 ! X =      634.873,     5852.99,     578.000,      0.000!   !END!
7337 ! X =      634.872,     5852.97,     578.000,      0.000!   !END!
7338 ! X =      634.872,     5852.95,     578.000,      0.000!   !END!
7339 ! X =      634.871,     5852.93,     578.000,      0.000!   !END!
7340 ! X =      634.871,    5852.911,     578.000,      0.000!   !END!
7341 ! X =       634.87,    5852.891,     578.000,      0.000!   !END!
7342 ! X =      634.869,    5852.871,     578.000,      0.000!   !END!
7343 ! X =      634.869,    5852.851,     578.000,      0.000!   !END!
7344 ! X =      634.868,    5852.831,     578.000,      0.000!   !END!
7345 ! X =      634.868,    5852.811,     578.000,      0.000!   !END!
7346 ! X =      634.867,    5852.791,     578.000,      0.000!   !END!
7347 ! X =      634.866,    5852.771,     578.000,      0.000!   !END!
7348 ! X =      634.866,    5852.751,     578.000,      0.000!   !END!
7349 ! X =      634.865,    5852.731,     578.000,      0.000!   !END!
7350 ! X =      634.865,    5852.711,     578.000,      0.000!   !END!
7351 ! X =      634.864,    5852.691,     578.000,      0.000!   !END!
7352 ! X =      634.863,    5852.671,     578.000,      0.000!   !END!
7353 ! X =      634.863,    5852.651,     578.000,      0.000!   !END!
7354 ! X =      634.862,    5852.631,     578.011,      0.000!   !END!
7355 ! X =      634.862,    5852.611,     578.042,      0.000!   !END!
7356 ! X =      634.861,    5852.591,     578.082,      0.000!   !END!
7357 ! X =       634.86,    5852.571,     578.131,      0.000!   !END!
7358 ! X =       634.86,    5852.551,     578.188,      0.000!   !END!
7359 ! X =      634.859,    5852.531,     578.217,      0.000!   !END!
7360 ! X =      634.859,    5852.511,     578.238,      0.000!   !END!
7361 ! X =      634.858,    5852.491,     578.258,      0.000!   !END!
7362 ! X =      634.857,    5852.471,     578.279,      0.000!   !END!
7363 ! X =      634.857,    5852.451,     578.392,      0.000!   !END!
7364 ! X =      634.856,    5852.431,     578.988,      0.000!   !END!
7365 ! X =      634.856,    5852.411,     579.576,      0.000!   !END!
7366 ! X =      634.855,    5852.391,     580.154,      0.000!   !END!
7367 ! X =      634.854,    5852.372,     580.724,      0.000!   !END!
7368 ! X =      634.854,    5852.352,     580.979,      0.000!   !END!
7369 ! X =      634.853,    5852.332,     580.950,      0.000!   !END!
7370 ! X =      634.853,    5852.312,     580.939,      0.000!   !END!
7371 ! X =      634.852,    5852.292,     580.946,      0.000!   !END!
7372 ! X =      634.851,    5852.272,     580.971,      0.000!   !END!
7373 ! X =      634.851,    5852.252,     581.195,      0.000!   !END!
7374 ! X =       634.85,    5852.232,     581.452,      0.000!   !END!
7375 ! X =       634.85,    5852.212,     581.708,      0.000!   !END!
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7376 ! X =      634.849,    5852.192,    581.964,       0.000!   !END!
7377 ! X =      634.848,    5852.172,    582.212,       0.000!   !END!
7378 ! X =      634.848,    5852.152,    582.420,       0.000!   !END!
7379 ! X =      634.847,    5852.132,    582.610,       0.000!   !END!
7380 ! X =      634.847,    5852.112,    582.783,       0.000!   !END!
7381 ! X =      634.846,    5852.092,    582.937,       0.000!   !END!
7382 ! X =      634.845,    5852.072,    582.926,       0.000!   !END!
7383 ! X =      634.845,    5852.052,    582.806,       0.000!   !END!
7384 ! X =      634.844,    5852.032,    582.705,       0.000!   !END!
7385 ! X =      634.844,    5852.012,    582.621,       0.000!   !END!
7386 ! X =      634.843,    5851.992,    582.555,       0.000!   !END!
7387 ! X =      634.842,    5851.972,    582.742,       0.000!   !END!
7388 ! X =      634.842,    5851.952,    582.963,       0.000!   !END!
7389 ! X =      634.841,    5851.932,    583.192,       0.000!   !END!
7390 ! X =      634.841,    5851.912,    583.430,       0.000!   !END!
7391 ! X =       634.84,    5851.892,    583.580,       0.000!   !END!
7392 ! X =      634.839,    5851.872,    583.448,       0.000!   !END!
7393 ! X =      634.839,    5851.852,    583.307,       0.000!   !END!
7394 ! X =      634.838,    5851.833,    583.157,       0.000!   !END!
7395 ! X =      634.838,    5851.813,    582.998,       0.000!   !END!
7396 ! X =      634.837,    5851.793,    582.953,       0.000!   !END!
7397 ! X =      634.836,    5851.773,    582.999,       0.000!   !END!
7398 ! X =      634.836,    5851.753,    583.133,       0.000!   !END!
7399 ! X =      634.835,    5851.733,    583.276,       0.000!   !END!
7400 ! X =      634.834,    5851.713,    583.430,       0.000!   !END!
7401 ! X =      634.834,    5851.693,    583.557,       0.000!   !END!
7402 ! X =      634.833,    5851.673,    583.675,       0.000!   !END!
7403 ! X =      634.833,    5851.653,    583.784,       0.000!   !END!
7404 ! X =      634.832,    5851.633,    583.885,       0.000!   !END!
7405 ! X =      634.831,    5851.613,    584.052,       0.000!   !END!
7406 ! X =      634.831,    5851.593,    584.391,       0.000!   !END!
7407 ! X =       634.83,    5851.573,    584.729,       0.000!   !END!
7408 ! X =       634.83,    5851.553,    585.069,       0.000!   !END!
7409 ! X =      634.829,    5851.533,    585.407,       0.000!   !END!
7410 ! X =      634.828,    5851.513,    586.874,       0.000!   !END!
7411 ! X =      634.828,    5851.493,    588.933,       0.000!   !END!
7412 ! X =      634.827,    5851.473,    590.993,       0.000!   !END!
7413 ! X =      634.827,    5851.453,    593.051,       0.000!   !END!
7414 ! X =      634.826,    5851.433,    595.111,       0.000!   !END!
7415 ! X =      634.825,    5851.413,    597.169,       0.000!   !END!
7416 ! X =      634.825,    5851.393,    599.228,       0.000!   !END!
7417 ! X =      634.824,    5851.373,    601.287,       0.000!   !END!
7418 ! X =      634.824,    5851.353,    603.346,       0.000!   !END!
7419 ! X =      634.823,    5851.333,    604.869,       0.000!   !END!
7420 ! X =      634.822,    5851.313,    605.423,       0.000!   !END!
7421 ! X =      634.822,    5851.294,    605.976,       0.000!   !END!
7422 ! X =      634.821,    5851.274,    606.530,       0.000!   !END!
7423 ! X =      634.821,    5851.254,    607.083,       0.000!   !END!
7424 ! X =       634.82,    5851.234,    607.469,       0.000!   !END!
7425 ! X =      634.819,    5851.214,    607.768,       0.000!   !END!
7426 ! X =      634.819,    5851.194,    608.050,       0.000!   !END!
7427 ! X =      634.818,    5851.174,    608.314,       0.000!   !END!
7428 ! X =      634.818,    5851.154,    608.514,       0.000!   !END!
7429 ! X =      634.817,    5851.134,    607.887,       0.000!   !END!
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7430 ! X =      634.816,   5851.114,    607.216,      0.000!  !END!
7431 ! X =      634.816,   5851.094,    606.500,      0.000!  !END!
7432 ! X =      634.815,   5851.074,    605.741,      0.000!  !END!
7433 ! X =      634.815,   5851.054,    605.104,      0.000!  !END!
7434 ! X =      634.834,   5851.034,    604.728,      0.000!  !END!
7435 ! X =      634.854,   5851.033,    604.716,      0.000!  !END!
7436 ! X =      634.874,   5851.033,    603.670,      0.000!  !END!
7437 ! X =      634.894,   5851.033,    602.460,      0.000!  !END!
7438 ! X =      634.914,   5851.033,    601.224,      0.000!  !END!
7439 ! X =      634.934,   5851.032,    598.875,      0.000!  !END!
7440 ! X =      634.954,   5851.032,    596.553,      0.000!  !END!
7441 ! X =      634.974,   5851.032,    594.504,      0.000!  !END!
7442 ! X =      634.994,   5851.031,    593.379,      0.000!  !END!
7443 ! X =      635.014,   5851.031,    592.266,      0.000!  !END!
7444 ! X =      635.033,   5851.031,    592.035,      0.000!  !END!
7445 ! X =      635.053,    5851.03,    593.136,      0.000!  !END!
7446 ! X =      635.073,    5851.03,    594.237,      0.000!  !END!
7447 ! X =      635.093,    5851.03,    594.172,      0.000!  !END!
7448 ! X =      635.113,    5851.03,    593.264,      0.000!  !END!
7449 ! X =      635.133,   5851.029,    592.376,      0.000!  !END!
7450 ! X =      635.153,   5851.029,    590.232,      0.000!  !END!
7451 ! X =      635.173,   5851.029,    587.662,      0.000!  !END!
7452 ! X =      635.193,   5851.028,    585.074,      0.000!  !END!
7453 ! X =      635.213,   5851.028,    582.798,      0.000!  !END!
7454 ! X =      635.233,   5851.028,    580.524,      0.000!  !END!
7455 ! X =      635.253,   5851.027,    578.484,      0.000!  !END!
7456 ! X =      635.273,   5851.027,    578.310,      0.000!  !END!
7457 ! X =      635.293,   5851.027,    578.130,      0.000!  !END!
7458 ! X =      635.313,   5851.027,    578.000,      0.000!  !END!
7459 ! X =      635.333,   5851.026,    578.000,      0.000!  !END!
7460 ! X =      635.353,   5851.026,    578.000,      0.000!  !END!
7461 ! X =      635.373,   5851.026,    578.000,      0.000!  !END!
7462 ! X =      635.393,   5851.025,    578.000,      0.000!  !END!
7463 ! X =      635.413,   5851.025,    578.000,      0.000!  !END!
7464 ! X =      635.433,   5851.025,    578.000,      0.000!  !END!
7465 ! X =      635.452,   5851.024,    578.000,      0.000!  !END!
7466 ! X =      635.472,   5851.024,    578.000,      0.000!  !END!
7467 ! X =      635.492,   5851.024,    578.000,      0.000!  !END!
7468 ! X =      635.512,   5851.024,    578.000,      0.000!  !END!
7469 ! X =      635.532,   5851.023,    578.000,      0.000!  !END!
7470 ! X =      635.552,   5851.023,    578.000,      0.000!  !END!
7471 ! X =      635.572,   5851.023,    578.000,      0.000!  !END!
7472 ! X =      635.592,   5851.022,    578.000,      0.000!  !END!
7473 ! X =      635.612,   5851.022,    578.000,      0.000!  !END!
7474 ! X =      635.632,   5851.022,    578.000,      0.000!  !END!
7475 ! X =      635.652,   5851.021,    578.000,      0.000!  !END!
7476 ! X =      635.672,   5851.021,    578.000,      0.000!  !END!
7477 ! X =      635.692,   5851.021,    578.000,      0.000!  !END!
7478 ! X =      635.712,   5851.021,    578.000,      0.000!  !END!
7479 ! X =      635.732,    5851.02,    578.000,      0.000!  !END!
7480 ! X =      635.752,    5851.02,    578.000,      0.000!  !END!
7481 ! X =      635.772,    5851.02,    578.000,      0.000!  !END!
7482 ! X =      635.792,   5851.019,    578.000,      0.000!  !END!
7483 ! X =      635.812,   5851.019,    578.000,      0.000!  !END!
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7484 ! X =      635.832,   5851.019,    578.223,     0.000!   !END!
7485 ! X =      635.852,   5851.018,    578.446,     0.000!   !END!
7486 ! X =      635.871,   5851.018,    578.702,     0.000!   !END!
7487 ! X =      635.891,   5851.018,    579.380,     0.000!   !END!
7488 ! X =      635.911,   5851.018,    580.025,     0.000!   !END!
7489 ! X =      635.931,   5851.017,    581.055,     0.000!   !END!
7490 ! X =      635.951,   5851.017,    583.109,     0.000!   !END!
7491 ! X =      635.971,   5851.017,    585.162,     0.000!   !END!
7492 ! X =      635.991,   5851.016,    587.639,     0.000!   !END!
7493 ! X =      636.011,   5851.016,    590.609,     0.000!   !END!
7494 ! X =      636.031,   5851.016,    593.599,     0.000!   !END!
7495 ! X =      636.051,   5851.015,    596.320,     0.000!   !END!
7496 ! X =      636.071,   5851.015,    598.918,     0.000!   !END!
7497 ! X =      636.091,   5851.015,    601.548,     0.000!   !END!
7498 ! X =      636.111,   5851.015,    604.590,     0.000!   !END!
7499 ! X =      636.131,   5851.014,    607.725,     0.000!   !END!
7500 ! X =      636.151,   5851.014,    610.861,     0.000!   !END!
7501 ! X =      636.171,   5851.014,    612.653,     0.000!   !END!
7502 ! X =      636.191,   5851.013,    614.444,     0.000!   !END!
7503 ! X =      636.211,   5851.013,    615.835,     0.000!   !END!
7504 ! X =      636.231,   5851.013,    615.512,     0.000!   !END!
7505 ! X =      636.251,   5851.012,    615.184,     0.000!   !END!
7506 ! X =      636.271,   5851.012,    614.720,     0.000!   !END!
7507 ! X =      636.29,    5851.012,    614.027,     0.000!   !END!
7508 ! X =      636.31,    5851.012,    613.321,     0.000!   !END!
7509 ! X =      636.33,    5851.011,    612.812,     0.000!   !END!
7510 ! X =      636.35,    5851.011,    612.462,     0.000!   !END!
7511 ! X =      636.37,    5851.011,    612.099,     0.000!   !END!
7512 ! X =      636.39,     5851.01,    612.251,     0.000!   !END!
7513 ! X =      636.41,     5851.01,    612.589,     0.000!   !END!
7514 ! X =      636.43,     5851.01,    612.919,     0.000!   !END!
7515 ! X =      636.45,    5851.009,    613.568,     0.000!   !END!
7516 ! X =      636.47,    5851.009,    614.240,     0.000!   !END!
7517 ! X =      636.49,    5851.009,    614.964,     0.000!   !END!
7518 ! X =      636.51,    5851.009,    616.237,     0.000!   !END!
7519 ! X =      636.53,    5851.008,    617.484,     0.000!   !END!
7520 ! X =      636.55,    5851.008,    618.433,     0.000!   !END!
7521 ! X =      636.57,    5851.008,    618.648,     0.000!   !END!
7522 ! X =      636.59,    5851.007,    618.849,     0.000!   !END!
7523 ! X =      636.61,    5851.007,    618.727,     0.000!   !END!
7524 ! X =      636.63,    5851.007,    618.260,     0.000!   !END!
7525 ! X =      636.65,    5851.006,    617.832,     0.000!   !END!
7526 ! X =      636.67,    5851.006,    618.875,     0.000!   !END!
7527 ! X =      636.69,    5851.006,    620.757,     0.000!   !END!
7528 ! X =      636.71,    5851.006,    622.651,     0.000!   !END!
7529 ! X =      636.729,   5851.005,    624.158,     0.000!   !END!
7530 ! X =      636.749,   5851.005,    625.578,     0.000!   !END!
7531 ! X =      636.769,   5851.005,    626.996,     0.000!   !END!
7532 ! X =      636.789,   5851.004,    627.354,     0.000!   !END!
7533 ! X =      636.809,   5851.004,    627.708,     0.000!   !END!
7534 ! X =      636.829,   5851.004,    628.048,     0.000!   !END!
7535 ! X =      636.849,   5851.003,    628.315,     0.000!   !END!
7536 ! X =      636.869,   5851.003,    628.575,     0.000!   !END!
7537 ! X =      636.889,   5851.003,    628.768,     0.000!   !END!
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7538 ! X =       636.909,    5851.003,       628.858,        0.000!   !END!
7539 ! X =       636.929,    5851.002,       628.954,        0.000!   !END!
7540 ! X =       636.949,    5851.002,       629.056,        0.000!   !END!
7541 ! X =       636.969,    5851.002,       629.165,        0.000!   !END!
7542 ! X =       636.989,    5851.001,       629.281,        0.000!   !END!
7543 ! X =       637.009,    5851.001,       628.811,        0.000!   !END!
7544 ! X =       637.029,    5851.001,       628.111,        0.000!   !END!
7545 ! X =       637.049,      5851.0,       627.411,        0.000!   !END!
7546 ! X =       637.069,      5851.0,       626.376,        0.000!   !END!
7547 ! X =       637.089,      5851.0,       625.286,        0.000!   !END!
7548 ! X =       637.109,      5851.0,       624.150,        0.000!   !END!
7549 ! X =       637.129,    5850.999,       622.712,        0.000!   !END!
7550 ! X =       637.148,    5850.999,       621.275,        0.000!   !END!
7551 ! X =       637.168,    5850.999,       619.930,        0.000!   !END!
7552 ! X =       637.188,    5850.998,       618.848,        0.000!   !END!
7553 ! X =       637.208,    5850.998,       617.765,        0.000!   !END!
7554 ! X =       637.228,    5850.998,       616.748,        0.000!   !END!
7555 ! X =       637.248,    5850.997,       615.821,        0.000!   !END!
7556 ! X =       637.268,    5850.997,       614.900,        0.000!   !END!
7557 ! X =       637.288,    5850.997,       613.465,        0.000!   !END!
7558 ! X =       637.308,    5850.997,       611.706,        0.000!   !END!
7559 ! X =       637.328,    5850.996,       609.934,        0.000!   !END!
7560 ! X =       637.348,    5850.996,       608.000,        0.000!   !END!
7561 ! X =       637.368,    5850.996,       606.022,        0.000!   !END!
7562 ! X =       637.388,    5850.995,       604.038,        0.000!   !END!
7563 ! X =       637.408,    5850.995,       602.053,        0.000!   !END!
7564 ! X =       637.428,    5850.995,       600.074,        0.000!   !END!
7565 ! X =       637.448,    5850.994,       598.070,        0.000!   !END!
7566 ! X =       637.468,    5850.994,       595.915,        0.000!   !END!
7567 ! X =       637.488,    5850.994,       593.759,        0.000!   !END!
7568 ! X =       637.508,    5850.994,       592.119,        0.000!   !END!
7569 ! X =       637.528,    5850.993,       591.476,        0.000!   !END!
7570 ! X =       637.548,    5850.993,       590.860,        0.000!   !END!
7571 ! X =       637.567,    5850.993,       590.969,        0.000!   !END!
7572 ! X =       637.587,    5850.992,       591.751,        0.000!   !END!
7573 ! X =       637.607,    5850.992,       592.578,        0.000!   !END!
7574 ! X =       637.627,    5850.992,       593.995,        0.000!   !END!
7575 ! X =       637.647,    5850.991,       595.667,        0.000!   !END!
7576 ! X =       637.667,    5850.991,       597.367,        0.000!   !END!
7577 ! X =       637.687,    5850.991,       598.061,        0.000!   !END!
7578 ! X =       637.707,    5850.991,       598.638,        0.000!   !END!
7579 ! X =       637.727,     5850.99,       599.126,        0.000!   !END!
7580 ! X =       637.747,     5850.99,       598.192,        0.000!   !END!
7581 ! X =       637.767,     5850.99,       597.239,        0.000!   !END!
7582 ! X =       637.787,    5850.989,       596.354,        0.000!   !END!
7583 ! X =       637.807,    5850.989,       595.716,        0.000!   !END!
7584 ! X =       637.827,    5850.989,       595.057,        0.000!   !END!
7585 ! X =       637.847,    5850.988,       594.531,        0.000!   !END!
7586 ! X =       637.867,    5850.988,       594.188,        0.000!   !END!
7587 ! X =       637.887,    5850.988,       593.824,        0.000!   !END!
7588 ! X =       637.907,    5850.988,       592.945,        0.000!   !END!
7589 ! X =       637.927,    5850.987,       591.755,        0.000!   !END!
7590 ! X =       637.947,    5850.987,       590.578,        0.000!   !END!
7591 ! X =       637.967,    5850.987,       588.853,        0.000!   !END!
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7592 ! X =       637.986,      5850.986,       586.994,       0.000!    !END!
7593 ! X =       638.006,      5850.986,       585.147,       0.000!    !END!
7594 ! X =       638.026,      5850.986,       582.491,       0.000!    !END!
7595 ! X =       638.046,      5850.985,       579.802,       0.000!    !END!
7596 ! X =       638.066,      5850.985,       577.118,       0.000!    !END!
7597 ! X =       638.086,      5850.985,       574.479,       0.000!    !END!
7598 ! X =       638.106,      5850.985,       571.826,       0.000!    !END!
7599 ! X =       638.126,      5850.984,       569.711,       0.000!    !END!
7600 ! X =       638.146,      5850.984,       568.703,       0.000!    !END!
7601 ! X =       638.166,      5850.984,       567.695,       0.000!    !END!
7602 ! X =       638.186,      5850.983,       567.028,       0.000!    !END!
7603 ! X =       638.206,      5850.983,       566.689,       0.000!    !END!
7604 ! X =       638.226,      5850.983,       566.357,       0.000!    !END!
7605 ! X =       638.246,      5850.982,       564.901,       0.000!    !END!
7606 ! X =       638.266,      5850.982,       562.927,       0.000!    !END!
7607 ! X =       638.286,      5850.982,       560.934,       0.000!    !END!
7608 ! X =       638.306,      5850.982,       560.956,       0.000!    !END!
7609 ! X =       638.326,      5850.981,       561.291,       0.000!    !END!
7610 ! X =       638.346,      5850.981,       561.744,       0.000!    !END!
7611 ! X =       638.366,      5850.981,       563.922,       0.000!    !END!
7612 ! X =       638.386,       5850.98,       566.107,       0.000!    !END!
7613 ! X =       638.405,       5850.98,       567.718,       0.000!    !END!
7614 ! X =       638.425,       5850.98,       567.438,       0.000!    !END!
7615 ! X =       638.445,      5850.979,       567.159,       0.000!    !END!
7616 ! X =       638.465,      5850.979,       566.277,       0.000!    !END!
7617 ! X =       638.485,      5850.979,       564.535,       0.000!    !END!
7618 ! X =       638.505,      5850.979,       562.786,       0.000!    !END!
7619 ! X =       638.525,      5850.978,       560.800,       0.000!    !END!
7620 ! X =       638.545,      5850.978,       558.634,       0.000!    !END!
7621 ! X =       638.565,      5850.978,       556.442,       0.000!    !END!
7622 ! X =       638.585,      5850.977,       554.596,       0.000!    !END!
7623 ! X =       638.605,      5850.997,       552.510,       0.000!    !END!
7624 ! X =       638.605,      5851.017,       552.032,       0.000!    !END!
7625 ! X =       638.605,      5851.037,       551.553,       0.000!    !END!
7626 ! X =       638.605,      5851.056,       551.075,       0.000!    !END!
7627 ! X =       638.605,      5851.076,       550.596,       0.000!    !END!
7628 ! X =       638.605,      5851.096,       550.001,       0.000!    !END!
7629 ! X =       638.605,      5851.116,       549.427,       0.000!    !END!
7630 ! X =       638.605,      5851.136,       548.875,       0.000!    !END!
7631 ! X =       638.605,      5851.156,       548.345,       0.000!    !END!
7632 ! X =       638.605,      5851.175,       547.892,       0.000!    !END!
7633 ! X =       638.605,      5851.195,       547.569,       0.000!    !END!
7634 ! X =       638.605,      5851.215,       547.254,       0.000!    !END!
7635 ! X =       638.605,      5851.235,       546.948,       0.000!    !END!
7636 ! X =       638.605,      5851.255,       546.651,       0.000!    !END!
7637 ! X =       638.605,      5851.275,       546.702,       0.000!    !END!
7638 ! X =       638.605,      5851.294,       546.936,       0.000!    !END!
7639 ! X =       638.605,      5851.314,       547.170,       0.000!    !END!
7640 ! X =       638.605,      5851.334,       547.404,       0.000!    !END!
7641 ! X =       638.605,      5851.354,       547.638,       0.000!    !END!
7642 ! X =       638.605,      5851.374,       548.465,       0.000!    !END!
7643 ! X =       638.605,      5851.394,       549.309,       0.000!    !END!
7644 ! X =       638.605,      5851.414,       550.157,       0.000!    !END!
7645 ! X =       638.605,      5851.433,       551.010,       0.000!    !END!
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7646 ! X =      638.605,   5851.453,    551.777,    0.000!  !END!
7647 ! X =      638.605,   5851.473,    552.351,    0.000!  !END!
7648 ! X =      638.605,   5851.493,    552.942,    0.000!  !END!
7649 ! X =      638.605,   5851.513,    553.550,    0.000!  !END!
7650 ! X =      638.605,   5851.533,    554.176,    0.000!  !END!
7651 ! X =      638.605,   5851.552,    554.582,    0.000!  !END!
7652 ! X =      638.605,   5851.572,    554.853,    0.000!  !END!
7653 ! X =      638.605,   5851.592,    555.129,    0.000!  !END!
7654 ! X =      638.605,   5851.612,    555.409,    0.000!  !END!
7655 ! X =      638.605,   5851.632,    555.693,    0.000!  !END!
7656 ! X =      638.605,   5851.652,    554.980,    0.000!  !END!
7657 ! X =      638.605,   5851.671,    554.208,    0.000!  !END!
7658 ! X =      638.605,   5851.691,    553.427,    0.000!  !END!
7659 ! X =      638.605,   5851.711,    552.647,    0.000!  !END!
7660 ! X =      638.605,   5851.731,    552.284,    0.000!  !END!
7661 ! X =      638.605,   5851.751,    553.001,    0.000!  !END!
7662 ! X =      638.605,   5851.771,    553.713,    0.000!  !END!
7663 ! X =      638.605,    5851.79,    554.422,    0.000!  !END!
7664 ! X =      638.605,    5851.81,    555.125,    0.000!  !END!
7665 ! X =      638.605,    5851.83,    556.469,    0.000!  !END!
7666 ! X =      638.605,    5851.85,    558.235,    0.000!  !END!
7667 ! X =      638.605,    5851.87,    559.995,    0.000!  !END!
7668 ! X =      638.605,    5851.89,    561.751,    0.000!  !END!
7669 ! X =      638.605,    5851.91,    563.503,    0.000!  !END!
7670 ! X =      638.605,   5851.929,    565.074,    0.000!  !END!
7671 ! X =      638.605,   5851.949,    566.632,    0.000!  !END!
7672 ! X =      638.605,   5851.969,    568.190,    0.000!  !END!
7673 ! X =      638.605,   5851.989,    569.748,    0.000!  !END!
7674 ! X =      638.605,   5852.009,    571.144,    0.000!  !END!
7675 ! X =      638.605,   5852.029,    572.060,    0.000!  !END!
7676 ! X =      638.605,   5852.048,    572.976,    0.000!  !END!
7677 ! X =      638.605,   5852.068,    573.892,    0.000!  !END!
7678 ! X =      638.605,   5852.088,    574.808,    0.000!  !END!
7679 ! X =      638.605,   5852.108,    575.208,    0.000!  !END!
7680 ! X =      638.605,   5852.128,    575.244,    0.000!  !END!
7681 ! X =      638.605,   5852.148,    575.297,    0.000!  !END!
7682 ! X =      638.605,   5852.167,    575.367,    0.000!  !END!
7683 ! X =      638.605,   5852.187,    575.455,    0.000!  !END!
7684 ! X =      638.605,   5852.207,    575.264,    0.000!  !END!
7685 ! X =      638.625,   5852.227,    578.293,    0.000!  !END!
7686 ! X =      638.645,   5852.227,    581.558,    0.000!  !END!
7687 ! X =      638.665,   5852.227,    585.740,    0.000!  !END!
7688 ! X =      638.685,   5852.228,    589.997,    0.000!  !END!
7689 ! X =      638.704,   5852.228,    594.016,    0.000!  !END!
7690 ! X =      638.724,   5852.228,    595.759,    0.000!  !END!
7691 ! X =      638.744,   5852.228,    597.487,    0.000!  !END!
7692 ! X =      638.764,   5852.228,    599.496,    0.000!  !END!
7693 ! X =      638.784,   5852.228,    602.315,    0.000!  !END!
7694 ! X =      638.804,   5852.228,    605.135,    0.000!  !END!
7695 ! X =      638.824,   5852.228,    607.587,    0.000!  !END!
7696 ! X =      638.844,   5852.229,    609.577,    0.000!  !END!
7697 ! X =      638.863,   5852.229,    611.570,    0.000!  !END!
7698 ! X =      638.883,   5852.229,    613.280,    0.000!  !END!
7699 ! X =      638.903,   5852.229,    614.808,    0.000!  !END!
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7700 ! X =      638.923,   5852.229,   616.331,      0.000!   !END!
7701 ! X =      638.943,   5852.229,   618.220,      0.000!   !END!
7702 ! X =      638.963,   5852.229,   620.203,      0.000!   !END!
7703 ! X =      638.983,   5852.229,   622.181,      0.000!   !END!
7704 ! X =      639.003,    5852.23,   622.926,      0.000!   !END!
7705 ! X =      639.022,    5852.23,   623.614,      0.000!   !END!
7706 ! X =      639.042,    5852.23,   624.293,      0.000!   !END!
7707 ! X =      639.062,    5852.23,   624.914,      0.000!   !END!
7708 ! X =      639.082,    5852.23,   625.548,      0.000!   !END!
7709 ! X =      639.102,    5852.23,   626.227,      0.000!   !END!
7710 ! X =      639.122,    5852.23,   626.988,      0.000!   !END!
7711 ! X =      639.142,   5852.231,   627.759,      0.000!   !END!
7712 ! X =      639.162,   5852.231,   628.540,      0.000!   !END!
7713 ! X =      639.181,   5852.231,   629.331,      0.000!   !END!
7714 ! X =      639.201,   5852.231,   630.132,      0.000!   !END!
7715 ! X =      639.221,   5852.231,   631.281,      0.000!   !END!
7716 ! X =      639.241,   5852.231,   632.632,      0.000!   !END!
7717 ! X =      639.261,   5852.231,   633.998,      0.000!   !END!
7718 ! X =      639.281,   5852.231,   635.818,      0.000!   !END!
7719 ! X =      639.301,   5852.232,   637.756,      0.000!   !END!
7720 ! X =      639.321,   5852.232,   639.720,      0.000!   !END!
7721 ! X =       639.34,   5852.232,   641.520,      0.000!   !END!
7722 ! X =       639.36,   5852.232,   643.333,      0.000!   !END!
7723 ! X =       639.38,   5852.232,   645.102,      0.000!   !END!
7724 ! X =        639.4,   5852.232,   646.549,      0.000!   !END!
7725 ! X =       639.42,   5852.232,   648.000,      0.000!   !END!
7726 ! X =       639.44,   5852.232,   648.919,      0.000!   !END!
7727 ! X =       639.46,   5852.233,   648.754,      0.000!   !END!
7728 ! X =       639.48,   5852.233,   648.569,      0.000!   !END!
7729 ! X =      639.499,   5852.233,   648.720,      0.000!   !END!
7730 ! X =      639.519,   5852.233,   649.202,      0.000!   !END!
7731 ! X =      639.539,   5852.233,   649.663,      0.000!   !END!
7732 ! X =      639.559,   5852.233,   650.258,      0.000!   !END!
7733 ! X =      639.579,   5852.233,   650.910,      0.000!   !END!
7734 ! X =      639.599,   5852.234,   651.550,      0.000!   !END!
7735 ! X =      639.619,   5852.234,   652.028,      0.000!   !END!
7736 ! X =      639.639,   5852.234,   652.475,      0.000!   !END!
7737 ! X =      639.658,   5852.234,   652.930,      0.000!   !END!
7738 ! X =      639.678,   5852.234,   653.918,      0.000!   !END!
7739 ! X =      639.698,   5852.234,   654.912,      0.000!   !END!
7740 ! X =      639.718,   5852.234,   656.295,      0.000!   !END!
7741 ! X =      639.738,   5852.234,   659.280,      0.000!   !END!
7742 ! X =      639.758,   5852.235,   662.283,      0.000!   !END!
7743 ! X =      639.778,   5852.235,   664.949,      0.000!   !END!
7744 ! X =      639.798,   5852.235,   666.997,      0.000!   !END!
7745 ! X =      639.817,   5852.235,   669.028,      0.000!   !END!
7746 ! X =      639.837,   5852.235,   670.347,      0.000!   !END!
7747 ! X =      639.857,   5852.235,   671.041,      0.000!   !END!
7748 ! X =      639.877,   5852.235,   671.709,      0.000!   !END!
7749 ! X =      639.897,   5852.236,   671.976,      0.000!   !END!
7750 ! X =      639.917,   5852.236,   672.076,      0.000!   !END!
7751 ! X =      639.937,   5852.236,   672.167,      0.000!   !END!
7752 ! X =      639.957,   5852.236,   672.454,      0.000!   !END!
7753 ! X =      639.976,   5852.236,   672.771,      0.000!   !END!
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7754 ! X =      639.996,    5852.236,     673.114,       0.000!   !END!
7755 ! X =      640.016,    5852.236,     673.841,       0.000!   !END!
7756 ! X =      640.036,    5852.236,     674.564,       0.000!   !END!
7757 ! X =      640.056,    5852.237,     675.130,       0.000!   !END!
7758 ! X =      640.076,    5852.237,     675.159,       0.000!   !END!
7759 ! X =      640.096,    5852.237,     675.181,       0.000!   !END!
7760 ! X =      640.116,    5852.237,     675.324,       0.000!   !END!
7761 ! X =      640.135,    5852.237,     675.659,       0.000!   !END!
7762 ! X =      640.155,    5852.237,     675.993,       0.000!   !END!
7763 ! X =      640.175,    5852.237,     676.328,       0.000!   !END!
7764 ! X =      640.195,    5852.237,     676.662,       0.000!   !END!
7765 ! X =      640.215,    5852.238,     676.996,       0.000!   !END!
7766 ! X =      640.235,    5852.238,     677.069,       0.000!   !END!
7767 ! X =      640.255,    5852.238,     677.049,       0.000!   !END!
7768 ! X =      640.275,    5852.238,     677.030,       0.000!   !END!
7769 ! X =      640.294,    5852.238,     676.690,       0.000!   !END!
7770 ! X =      640.314,    5852.238,     676.316,       0.000!   !END!
7771 ! X =      640.334,    5852.238,     676.010,       0.000!   !END!
7772 ! X =      640.354,    5852.239,     676.358,       0.000!   !END!
7773 ! X =      640.374,    5852.239,     676.713,       0.000!   !END!
7774 ! X =      640.394,    5852.239,     676.899,       0.000!   !END!
7775 ! X =      640.414,    5852.239,     676.599,       0.000!   !END!
7776 ! X =      640.434,    5852.239,     676.318,       0.000!   !END!
7777 ! X =      640.453,    5852.239,     676.509,       0.000!   !END!
7778 ! X =      640.473,    5852.239,     677.316,       0.000!   !END!
7779 ! X =      640.493,    5852.239,     678.139,       0.000!   !END!
7780 ! X =      640.513,     5852.24,     678.734,       0.000!   !END!
7781 ! X =      640.533,     5852.24,     679.177,       0.000!   !END!
7782 ! X =      640.553,     5852.24,     679.626,       0.000!   !END!
7783 ! X =      640.573,     5852.24,     680.030,       0.000!   !END!
7784 ! X =      640.593,     5852.24,     680.415,       0.000!   !END!
7785 ! X =      640.612,     5852.24,     680.797,       0.000!   !END!
7786 ! X =      640.632,     5852.24,     682.796,       0.000!   !END!
7787 ! X =      640.652,     5852.24,     684.877,       0.000!   !END!
7788 ! X =      640.672,    5852.241,     686.875,       0.000!   !END!
7789 ! X =      640.692,    5852.241,     688.328,       0.000!   !END!
7790 ! X =      640.712,    5852.241,     689.781,       0.000!   !END!
7791 ! X =      640.732,    5852.241,     691.007,       0.000!   !END!
7792 ! X =      640.752,    5852.241,     691.676,       0.000!   !END!
7793 ! X =      640.771,    5852.241,     692.338,       0.000!   !END!
7794 ! X =      640.791,    5852.241,     692.541,       0.000!   !END!
7795 ! X =      640.811,    5852.242,     692.216,       0.000!   !END!
7796 ! X =      640.831,    5852.242,     691.891,       0.000!   !END!
7797 ! X =      640.851,    5852.242,     691.088,       0.000!   !END!
7798 ! X =      640.871,    5852.242,     690.007,       0.000!   !END!
7799 ! X =      640.891,    5852.242,     688.922,       0.000!   !END!
7800 ! X =      640.911,    5852.242,     686.938,       0.000!   !END!
7801 ! X =       640.93,    5852.242,     684.730,       0.000!   !END!
7802 ! X =       640.95,    5852.242,     682.516,       0.000!   !END!
7803 ! X =       640.97,    5852.243,     680.808,       0.000!   !END!
7804 ! X =       640.99,    5852.243,     679.114,       0.000!   !END!
7805 ! X =       641.01,    5852.243,     677.328,       0.000!   !END!
7806 ! X =       641.03,    5852.243,     674.995,       0.000!   !END!
7807 ! X =       641.05,    5852.243,     672.670,       0.000!   !END!
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7808 ! X =        641.07,    5852.243,    670.404,    0.000!   !END!
7809 ! X =       641.089,    5852.243,    668.243,    0.000!   !END!
7810 ! X =       641.109,    5852.243,    666.080,    0.000!   !END!
7811 ! X =       641.129,    5852.244,    664.122,    0.000!   !END!
7812 ! X =       641.149,    5852.244,    662.379,    0.000!   !END!
7813 ! X =       641.169,    5852.244,    660.635,    0.000!   !END!
7814 ! X =       641.189,    5852.244,    658.941,    0.000!   !END!
7815 ! X =       641.209,    5852.244,    657.276,    0.000!   !END!
7816 ! X =       641.229,    5852.244,    655.614,    0.000!   !END!
7817 ! X =       641.248,    5852.244,    653.591,    0.000!   !END!
7818 ! X =       641.268,    5852.245,    651.498,    0.000!   !END!
7819 ! X =       641.288,    5852.245,    649.406,    0.000!   !END!
7820 ! X =       641.308,    5852.245,    647.400,    0.000!   !END!
7821 ! X =       641.328,    5852.245,    645.396,    0.000!   !END!
7822 ! X =       641.348,    5852.245,    643.397,    0.000!   !END!
7823 ! X =       641.368,    5852.245,    641.400,    0.000!   !END!
7824 ! X =       641.388,    5852.245,    639.407,    0.000!   !END!
7825 ! X =       641.407,    5852.245,    637.033,    0.000!   !END!
7826 ! X =       641.427,    5852.246,    633.952,    0.000!   !END!
7827 ! X =       641.447,    5852.246,    630.862,    0.000!   !END!
7828 ! X =       641.467,    5852.246,    628.372,    0.000!   !END!
7829 ! X =       641.487,    5852.246,    626.424,    0.000!   !END!
7830 ! X =       641.507,    5852.246,    624.469,    0.000!   !END!
7831 ! X =       641.527,    5852.246,    622.479,    0.000!   !END!
7832 ! X =       641.547,    5852.246,    620.480,    0.000!   !END!
7833 ! X =       641.567,    5852.246,    618.483,    0.000!   !END!
7834 ! X =       641.586,    5852.247,    616.703,    0.000!   !END!
7835 ! X =       641.606,    5852.247,    614.954,    0.000!   !END!
7836 ! X =       641.626,    5852.247,    613.176,    0.000!   !END!
7837 ! X =       641.646,    5852.267,    609.820,    0.000!   !END!
7838 ! X =       641.645,    5852.287,    608.540,    0.000!   !END!
7839 ! X =       641.645,    5852.307,    606.864,    0.000!   !END!
7840 ! X =       641.645,    5852.327,    605.189,    0.000!   !END!
7841 ! X =       641.645,    5852.347,    603.516,    0.000!   !END!
7842 ! X =       641.644,    5852.367,    601.847,    0.000!   !END!
7843 ! X =       641.644,    5852.387,    600.648,    0.000!   !END!
7844 ! X =       641.644,    5852.407,    599.538,    0.000!   !END!
7845 ! X =       641.644,    5852.426,    598.428,    0.000!   !END!
7846 ! X =       641.643,    5852.446,    597.319,    0.000!   !END!
7847 ! X =       641.643,    5852.466,    596.303,    0.000!   !END!
7848 ! X =       641.643,    5852.486,    595.691,    0.000!   !END!
7849 ! X =       641.643,    5852.506,    595.086,    0.000!   !END!
7850 ! X =       641.642,    5852.526,    594.489,    0.000!   !END!
7851 ! X =       641.642,    5852.546,    593.900,    0.000!   !END!
7852 ! X =       641.642,    5852.566,    593.442,    0.000!   !END!
7853 ! X =       641.642,    5852.586,    593.096,    0.000!   !END!
7854 ! X =       641.641,    5852.606,    592.752,    0.000!   !END!
7855 ! X =       641.641,    5852.626,    592.410,    0.000!   !END!
7856 ! X =       641.641,    5852.646,    592.071,    0.000!   !END!
7857 ! X =        641.64,    5852.666,    591.926,    0.000!   !END!
7858 ! X =        641.64,    5852.686,    591.806,    0.000!   !END!
7859 ! X =        641.64,    5852.706,    591.690,    0.000!   !END!
7860 ! X =        641.64,    5852.726,    591.576,    0.000!   !END!
7861 ! X =       641.639,    5852.746,    591.565,    0.000!   !END!
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7862 ! X =      641.639,    5852.765,    591.878,      0.000!   !END!
7863 ! X =      641.639,    5852.785,    592.189,      0.000!   !END!
7864 ! X =      641.639,    5852.805,    592.497,      0.000!   !END!
7865 ! X =      641.638,    5852.825,    592.802,      0.000!   !END!
7866 ! X =      641.638,    5852.845,    593.174,      0.000!   !END!
7867 ! X =      641.638,    5852.865,    593.593,      0.000!   !END!
7868 ! X =      641.638,    5852.885,    594.011,      0.000!   !END!
7869 ! X =      641.637,    5852.905,    594.430,      0.000!   !END!
7870 ! X =      641.637,    5852.925,    594.848,      0.000!   !END!
7871 ! X =      641.637,    5852.945,    595.611,      0.000!   !END!
7872 ! X =      641.637,    5852.965,    596.404,      0.000!   !END!
7873 ! X =      641.636,    5852.985,    597.203,      0.000!   !END!
7874 ! X =      641.636,    5853.005,    598.010,      0.000!   !END!
7875 ! X =      641.636,    5853.025,    598.777,      0.000!   !END!
7876 ! X =      641.636,    5853.045,    599.428,      0.000!   !END!
7877 ! X =      641.635,    5853.065,    600.079,      0.000!   !END!
7878 ! X =      641.635,    5853.085,    600.730,      0.000!   !END!
7879 ! X =      641.635,    5853.104,    601.380,      0.000!   !END!
7880 ! X =      641.634,    5853.124,    602.031,      0.000!   !END!
7881 ! X =      641.634,    5853.144,    602.682,      0.000!   !END!
7882 ! X =      641.634,    5853.164,    603.333,      0.000!   !END!
7883 ! X =      641.634,    5853.184,    603.984,      0.000!   !END!
7884 ! X =      641.633,    5853.204,    604.635,      0.000!   !END!
7885 ! X =      641.633,    5853.224,    604.861,      0.000!   !END!
7886 ! X =      641.633,    5853.244,    605.081,      0.000!   !END!
7887 ! X =      641.633,    5853.264,    605.302,      0.000!   !END!
7888 ! X =      641.632,    5853.284,    605.523,      0.000!   !END!
7889 ! X =      641.632,    5853.304,    605.598,      0.000!   !END!
7890 ! X =      641.632,    5853.324,    605.389,      0.000!   !END!
7891 ! X =      641.632,    5853.344,    605.179,      0.000!   !END!
7892 ! X =      641.631,    5853.364,    604.970,      0.000!   !END!
7893 ! X =      641.631,    5853.384,    604.761,      0.000!   !END!
7894 ! X =      641.631,    5853.404,    605.040,      0.000!   !END!
7895 ! X =      641.631,    5853.424,    605.538,      0.000!   !END!
7896 ! X =       641.63,    5853.443,    606.034,      0.000!   !END!
7897 ! X =       641.63,    5853.463,    606.528,      0.000!   !END!
7898 ! X =       641.63,    5853.483,    607.052,      0.000!   !END!
7899 ! X =      641.629,    5853.503,    608.401,      0.000!   !END!
7900 ! X =      641.629,    5853.523,    609.748,      0.000!   !END!
7901 ! X =      641.629,    5853.543,    611.092,      0.000!   !END!
7902 ! X =      641.629,    5853.563,    612.433,      0.000!   !END!
7903 ! X =      641.628,    5853.583,    613.772,      0.000!   !END!
7904 ! X =      641.628,    5853.603,    615.108,      0.000!   !END!
7905 ! X =      641.628,    5853.623,    616.442,      0.000!   !END!
7906 ! X =      641.628,    5853.643,    617.774,      0.000!   !END!
7907 ! X =      641.627,    5853.663,    619.103,      0.000!   !END!
7908 ! X =      641.627,    5853.683,    620.430,      0.000!   !END!
7909 ! X =      641.627,    5853.703,    621.755,      0.000!   !END!
7910 ! X =      641.627,    5853.723,    623.076,      0.000!   !END!
7911 ! X =      641.626,    5853.743,    624.396,      0.000!   !END!
7912 ! X =      641.626,    5853.763,    625.617,      0.000!   !END!
7913 ! X =      641.626,    5853.782,    625.848,      0.000!   !END!
7914 ! X =      641.626,    5853.802,    626.063,      0.000!   !END!
7915 ! X =      641.625,    5853.822,    626.264,      0.000!   !END!
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7916 ! X =       641.625,    5853.842,     626.451,      0.000!   !END!
7917 ! X =       641.625,    5853.862,     626.259,      0.000!   !END!
7918 ! X =       641.624,    5853.882,     625.597,      0.000!   !END!
7919 ! X =       641.624,    5853.902,     624.932,      0.000!   !END!
7920 ! X =       641.624,    5853.922,     624.267,      0.000!   !END!
7921 ! X =       641.624,    5853.942,     623.597,      0.000!   !END!
7922 ! X =       641.623,    5853.962,     623.193,      0.000!   !END!
7923 ! X =       641.623,    5853.982,     622.864,      0.000!   !END!
7924 ! X =       641.623,    5854.002,     622.542,      0.000!   !END!
7925 ! X =       641.623,    5854.022,     622.223,      0.000!   !END!
7926 ! X =       641.622,    5854.042,     621.912,      0.000!   !END!
7927 ! X =       641.622,    5854.062,     621.627,      0.000!   !END!
7928 ! X =       641.622,    5854.082,     621.345,      0.000!   !END!
7929 ! X =       641.622,    5854.102,     621.066,      0.000!   !END!
7930 ! X =       641.621,    5854.121,     620.788,      0.000!   !END!
7931 ! X =       641.621,    5854.141,     620.217,      0.000!   !END!
7932 ! X =       641.621,    5854.161,     619.334,      0.000!   !END!
7933 ! X =       641.621,    5854.181,     618.449,      0.000!   !END!
7934 ! X =        641.62,    5854.201,     617.561,      0.000!   !END!
7935 ! X =        641.62,    5854.221,     616.671,      0.000!   !END!
7936 ! X =        641.62,    5854.241,     616.297,      0.000!   !END!
7937 ! X =       641.619,    5854.261,     616.027,      0.000!   !END!
7938 ! X =       641.619,    5854.281,     615.757,      0.000!   !END!
7939 ! X =       641.619,    5854.301,     615.490,      0.000!   !END!
7940 ! X =       641.619,    5854.321,     615.101,      0.000!   !END!
7941 ! X =       641.618,    5854.341,     614.181,      0.000!   !END!
7942 ! X =       641.618,    5854.361,     613.268,      0.000!   !END!
7943 ! X =       641.618,    5854.381,     612.361,      0.000!   !END!
7944 ! X =       641.618,    5854.401,     611.463,      0.000!   !END!
7945 ! X =       641.617,    5854.421,     610.577,      0.000!   !END!
7946 ! X =       641.617,    5854.441,     609.694,      0.000!   !END!
7947 ! X =       641.617,     5854.46,     608.806,      0.000!   !END!
7948 ! X =       641.617,     5854.48,     607.915,      0.000!   !END!
7949 ! X =       641.616,      5854.5,     607.030,      0.000!   !END!
7950 ! X =       641.616,     5854.52,     605.777,      0.000!   !END!
7951 ! X =       641.616,     5854.54,     604.489,      0.000!   !END!
7952 ! X =       641.616,     5854.56,     603.215,      0.000!   !END!
7953 ! X =       641.615,     5854.58,     601.952,      0.000!   !END!
7954 ! X =       641.615,      5854.6,     600.790,      0.000!   !END!
7955 ! X =       641.615,     5854.62,     599.909,      0.000!   !END!
7956 ! X =       641.615,     5854.64,     599.023,      0.000!   !END!
7957 ! X =       641.614,     5854.66,     598.132,      0.000!   !END!
7958 ! X =       641.614,     5854.68,     597.236,      0.000!   !END!
7959 ! X =       641.614,      5854.7,     596.842,      0.000!   !END!
7960 ! X =       641.613,     5854.72,     596.797,      0.000!   !END!
7961 ! X =       641.613,     5854.74,     596.747,      0.000!   !END!
7962 ! X =       641.613,     5854.76,     596.691,      0.000!   !END!
7963 ! X =       641.613,     5854.78,     596.631,      0.000!   !END!
7964 ! X =       641.612,    5854.799,     596.059,      0.000!   !END!
7965 ! X =       641.612,    5854.819,     595.462,      0.000!   !END!
7966 ! X =       641.612,    5854.839,     594.872,      0.000!   !END!
7967 ! X =       641.612,    5854.859,     594.290,      0.000!   !END!
7968 ! X =       641.611,    5854.879,     593.894,      0.000!   !END!
7969 ! X =       641.611,    5854.899,     593.943,      0.000!   !END!
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7970 ! X =      641.611,    5854.919,       593.998,        0.000!   !END!
7971 ! X =      641.611,    5854.939,       594.057,        0.000!   !END!
7972 ! X =       641.61,    5854.959,       594.122,        0.000!   !END!
7973 ! X =       641.61,    5854.979,       593.854,        0.000!   !END!
7974 ! X =       641.61,    5854.999,       593.396,        0.000!   !END!
7975 ! X =       641.61,    5855.019,       592.935,        0.000!   !END!
7976 ! X =      641.609,    5855.039,       592.471,        0.000!   !END!
7977 ! X =      641.609,    5855.059,       592.005,        0.000!   !END!
7978 ! X =      641.609,    5855.079,       590.936,        0.000!   !END!
7979 ! X =      641.608,    5855.099,       589.861,        0.000!   !END!
7980 ! X =      641.608,    5855.119,       588.785,        0.000!   !END!
7981 ! X =      641.608,    5855.138,       587.710,        0.000!   !END!
7982 ! X =      641.608,    5855.158,       586.927,        0.000!   !END!
7983 ! X =      641.607,    5855.178,       586.712,        0.000!   !END!
7984 ! X =      641.607,    5855.198,       586.497,        0.000!   !END!
7985 ! X =      641.607,    5855.218,       586.282,        0.000!   !END!
7986 ! X =      641.607,    5855.238,       586.067,        0.000!   !END!
7987 ! X =      641.606,    5855.258,       586.000,        0.000!   !END!
7988 ! X =      641.606,    5855.278,       586.000,        0.000!   !END!
7989 ! X =      641.606,    5855.298,       586.000,        0.000!   !END!
7990 ! X =      641.606,    5855.318,       586.000,        0.000!   !END!
7991 ! X =      641.605,    5855.338,       586.000,        0.000!   !END!
7992 ! X =      641.605,    5855.358,       586.000,        0.000!   !END!
7993 ! X =      641.605,    5855.378,       586.000,        0.000!   !END!
7994 ! X =      641.605,    5855.398,       586.000,        0.000!   !END!
7995 ! X =      641.604,    5855.418,       586.000,        0.000!   !END!
7996 ! X =      641.604,    5855.438,       586.000,        0.000!   !END!
7997 ! X =      641.604,    5855.458,       586.000,        0.000!   !END!
7998 ! X =      641.603,    5855.477,       586.000,        0.000!   !END!
7999 ! X =      641.603,    5855.497,       586.000,        0.000!   !END!
8000 ! X =      641.603,    5855.517,       586.000,        0.000!   !END!
8001 ! X =      641.603,    5855.537,       586.000,        0.000!   !END!
8002 ! X =      641.602,    5855.557,       586.000,        0.000!   !END!
8003 ! X =      641.602,    5855.577,       586.000,        0.000!   !END!
8004 ! X =      641.602,    5855.597,       586.000,        0.000!   !END!
8005 ! X =      641.602,    5855.617,       586.000,        0.000!   !END!
8006 ! X =      641.601,    5855.637,       586.000,        0.000!   !END!
8007 ! X =      641.601,    5855.657,       586.000,        0.000!   !END!
8008 ! X =      641.601,    5855.677,       586.000,        0.000!   !END!
8009 ! X =      641.601,    5855.697,       586.000,        0.000!   !END!
8010 ! X =       641.6,     5855.717,       586.000,        0.000!   !END!
8011 ! X =       641.6,     5855.737,       586.000,        0.000!   !END!
8012 ! X =       641.6,     5855.757,       586.000,        0.000!   !END!
8013 ! X =       641.6,     5855.777,       586.000,        0.000!   !END!
8014 ! X =      641.599,    5855.797,       586.000,        0.000!   !END!
8015 ! X =      641.599,    5855.816,       586.000,        0.000!   !END!
8016 ! X =      641.599,    5855.836,       586.000,        0.000!   !END!
8017 ! X =      641.599,    5855.856,       586.000,        0.000!   !END!
8018 ! X =      641.598,    5855.876,       586.000,        0.000!   !END!
8019 ! X =      641.598,    5855.896,       586.000,        0.000!   !END!
8020 ! X =      641.598,    5855.916,       586.000,        0.000!   !END!
8021 ! X =      641.597,    5855.936,       586.000,        0.000!   !END!
8022 ! X =      641.597,    5855.956,       586.000,        0.000!   !END!
8023 ! X =      641.597,    5855.976,       586.000,        0.000!   !END!
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8024 ! X =      641.597,    5855.996,    586.000,        0.000!  !END!
8025 ! X =      641.596,    5856.016,    586.000,        0.000!  !END!
8026 ! X =      641.596,    5856.036,    586.000,        0.000!  !END!
8027 ! X =      641.596,    5856.056,    586.000,        0.000!  !END!
8028 ! X =      641.596,    5856.076,    586.000,        0.000!  !END!
8029 ! X =      641.595,    5856.096,    586.000,        0.000!  !END!
8030 ! X =      641.595,    5856.116,    586.000,        0.000!  !END!
8031 ! X =      641.595,    5856.136,    586.000,        0.000!  !END!
8032 ! X =      641.595,    5856.155,    586.000,        0.000!  !END!
8033 ! X =      641.594,    5856.175,    586.000,        0.000!  !END!
8034 ! X =      641.594,    5856.195,    586.000,        0.000!  !END!
8035 ! X =      641.594,    5856.215,    586.000,        0.000!  !END!
8036 ! X =      641.594,    5856.235,    586.000,        0.000!  !END!
8037 ! X =      641.593,    5856.255,    586.000,        0.000!  !END!
8038 ! X =      641.593,    5856.275,    586.000,        0.000!  !END!
8039 ! X =      641.593,    5856.295,    586.000,        0.000!  !END!
8040 ! X =      641.592,    5856.315,    586.000,        0.000!  !END!
8041 ! X =      641.592,    5856.335,    586.000,        0.000!  !END!
8042 ! X =      641.592,    5856.355,    586.000,        0.000!  !END!
8043 ! X =      641.592,    5856.375,    586.000,        0.000!  !END!
8044 ! X =      641.591,    5856.395,    586.000,        0.000!  !END!
8045 ! X =      641.591,    5856.415,    586.000,        0.000!  !END!
8046 ! X =      641.591,    5856.435,    586.000,        0.000!  !END!
8047 ! X =      641.591,    5856.455,    586.000,        0.000!  !END!
8048 ! X =       641.59,    5856.475,    586.000,        0.000!  !END!
8049 ! X =       641.59,    5856.494,    586.000,        0.000!  !END!
8050 ! X =       641.59,    5856.514,    586.000,        0.000!  !END!
8051 ! X =       641.59,    5856.534,    586.000,        0.000!  !END!
8052 ! X =      641.589,    5856.554,    586.000,        0.000!  !END!
8053 ! X =      641.589,    5856.574,    586.000,        0.000!  !END!
8054 ! X =      641.589,    5856.594,    586.000,        0.000!  !END!
8055 ! X =      641.589,    5856.614,    586.000,        0.000!  !END!
8056 ! X =      641.588,    5856.634,    586.000,        0.000!  !END!
8057 ! X =      641.608,    5856.654,    586.000,        0.000!  !END!
8058 ! X =      641.628,    5856.654,    586.000,        0.000!  !END!
8059 ! X =      641.648,    5856.654,    586.000,        0.000!  !END!
8060 ! X =      641.668,    5856.655,    586.000,        0.000!  !END!
8061 ! X =      641.687,    5856.655,    586.000,        0.000!  !END!
8062 ! X =      641.707,    5856.655,    586.000,        0.000!  !END!
8063 ! X =      641.727,    5856.655,    586.000,        0.000!  !END!
8064 ! X =      641.747,    5856.655,    586.000,        0.000!  !END!
8065 ! X =      641.767,    5856.655,    586.000,        0.000!  !END!
8066 ! X =      641.787,    5856.655,    586.661,        0.000!  !END!
8067 ! X =      641.807,    5856.655,    588.026,        0.000!  !END!
8068 ! X =      641.827,    5856.656,    589.395,        0.000!  !END!
8069 ! X =      641.847,    5856.656,    591.301,        0.000!  !END!
8070 ! X =      641.867,    5856.656,    593.478,        0.000!  !END!
8071 ! X =      641.886,    5856.656,    595.651,        0.000!  !END!
8072 ! X =      641.906,    5856.656,    597.189,        0.000!  !END!
8073 ! X =      641.926,    5856.656,    598.606,        0.000!  !END!
8074 ! X =      641.946,    5856.656,    600.018,        0.000!  !END!
8075 ! X =      641.966,    5856.656,    601.119,        0.000!  !END!
8076 ! X =      641.986,    5856.657,    602.217,        0.000!  !END!
8077 ! X =      642.006,    5856.657,    603.441,        0.000!  !END!
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8078 ! X =      642.026,   5856.657,     605.207,       0.000!   !END!
8079 ! X =      642.046,   5856.657,     606.973,       0.000!   !END!
8080 ! X =      642.065,   5856.657,     608.750,       0.000!   !END!
8081 ! X =      642.085,   5856.657,     610.545,       0.000!   !END!
8082 ! X =      642.105,   5856.657,     612.335,       0.000!   !END!
8083 ! X =      642.125,   5856.657,     614.108,       0.000!   !END!
8084 ! X =      642.145,   5856.658,     615.869,       0.000!   !END!
8085 ! X =      642.165,   5856.658,     617.631,       0.000!   !END!
8086 ! X =      642.185,   5856.658,     619.420,       0.000!   !END!
8087 ! X =      642.205,   5856.658,     621.214,       0.000!   !END!
8088 ! X =      642.225,   5856.658,     623.001,       0.000!   !END!
8089 ! X =      642.244,   5856.658,     625.088,       0.000!   !END!
8090 ! X =      642.264,   5856.658,     627.204,       0.000!   !END!
8091 ! X =      642.284,   5856.658,     629.314,       0.000!   !END!
8092 ! X =      642.304,   5856.659,     631.397,       0.000!   !END!
8093 ! X =      642.324,   5856.659,     633.488,       0.000!   !END!
8094 ! X =      642.344,   5856.659,     635.313,       0.000!   !END!
8095 ! X =      642.364,   5856.659,     636.350,       0.000!   !END!
8096 ! X =      642.384,   5856.659,     637.399,       0.000!   !END!
8097 ! X =      642.404,   5856.659,     638.000,       0.000!   !END!
8098 ! X =      642.423,   5856.659,     637.989,       0.000!   !END!
8099 ! X =      642.443,   5856.659,     637.980,       0.000!   !END!
8100 ! X =      642.463,    5856.66,     637.543,       0.000!   !END!
8101 ! X =      642.483,    5856.66,     636.833,       0.000!   !END!
8102 ! X =      642.503,    5856.66,     636.126,       0.000!   !END!
8103 ! X =      642.523,    5856.66,     635.431,       0.000!   !END!
8104 ! X =      642.543,    5856.66,     634.744,       0.000!   !END!
8105 ! X =      642.563,    5856.66,     634.065,       0.000!   !END!
8106 ! X =      642.583,    5856.66,     633.703,       0.000!   !END!
8107 ! X =      642.603,   5856.661,     633.354,       0.000!   !END!
8108 ! X =      642.622,   5856.661,     633.051,       0.000!   !END!
8109 ! X =      642.642,   5856.661,     633.035,       0.000!   !END!
8110 ! X =      642.662,   5856.661,     633.015,       0.000!   !END!
8111 ! X =      642.682,   5856.661,     632.873,       0.000!   !END!
8112 ! X =      642.702,   5856.661,     632.465,       0.000!   !END!
8113 ! X =      642.722,   5856.661,     632.051,       0.000!   !END!
8114 ! X =      642.742,   5856.661,     631.659,       0.000!   !END!
8115 ! X =      642.762,   5856.662,     631.294,       0.000!   !END!
8116 ! X =      642.782,   5856.662,     630.930,       0.000!   !END!
8117 ! X =      642.801,   5856.662,     630.399,       0.000!   !END!
8118 ! X =      642.821,   5856.662,     629.794,       0.000!   !END!
8119 ! X =      642.841,   5856.662,     629.199,       0.000!   !END!
8120 ! X =      642.861,   5856.662,     629.215,       0.000!   !END!
8121 ! X =      642.881,   5856.662,     629.350,       0.000!   !END!
8122 ! X =      642.901,   5856.662,     629.507,       0.000!   !END!
8123 ! X =      642.921,   5856.663,     630.145,       0.000!   !END!
8124 ! X =      642.941,   5856.663,     630.775,       0.000!   !END!
8125 ! X =      642.961,   5856.663,     631.489,       0.000!   !END!
8126 ! X =       642.98,   5856.663,     632.561,       0.000!   !END!
8127 ! X =        643.0,   5856.663,     633.634,       0.000!   !END!
8128 ! X =       643.02,   5856.663,     634.573,       0.000!   !END!
8129 ! X =       643.04,   5856.663,     635.291,       0.000!   !END!
8130 ! X =       643.06,   5856.663,     636.010,       0.000!   !END!
8131 ! X =       643.08,   5856.664,     636.695,       0.000!   !END!
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8132 ! X =        643.1,   5856.664,   637.351,      0.000!   !END!
8133 ! X =       643.12,   5856.664,   638.004,      0.000!   !END!
8134 ! X =       643.14,   5856.664,   639.171,      0.000!   !END!
8135 ! X =       643.16,   5856.664,   640.526,      0.000!   !END!
8136 ! X =      643.179,   5856.664,   641.876,      0.000!   !END!
8137 ! X =      643.199,   5856.664,   643.350,      0.000!   !END!
8138 ! X =      643.219,   5856.664,   644.840,      0.000!   !END!
8139 ! X =      643.239,   5856.665,   646.280,      0.000!   !END!
8140 ! X =      643.259,   5856.665,   647.144,      0.000!   !END!
8141 ! X =      643.279,   5856.665,   648.015,      0.000!   !END!
8142 ! X =      643.299,   5856.665,   648.853,      0.000!   !END!
8143 ! X =      643.319,   5856.665,   649.576,      0.000!   !END!
8144 ! X =      643.339,   5856.665,   650.299,      0.000!   !END!
8145 ! X =      643.358,   5856.665,   650.749,      0.000!   !END!
8146 ! X =      643.378,   5856.665,   650.850,      0.000!   !END!
8147 ! X =      643.398,   5856.666,   650.955,      0.000!   !END!
8148 ! X =      643.418,   5856.666,   650.410,      0.000!   !END!
8149 ! X =      643.438,   5856.666,   649.459,      0.000!   !END!
8150 ! X =      643.458,   5856.666,   648.512,      0.000!   !END!
8151 ! X =      643.478,   5856.666,   647.007,      0.000!   !END!
8152 ! X =      643.498,   5856.666,   645.359,      0.000!   !END!
8153 ! X =      643.518,   5856.666,   643.714,      0.000!   !END!
8154 ! X =      643.537,   5856.667,   641.728,      0.000!   !END!
8155 ! X =      643.557,   5856.667,   639.737,      0.000!   !END!
8156 ! X =      643.577,   5856.667,   637.697,      0.000!   !END!
8157 ! X =      643.597,   5856.667,   635.358,      0.000!   !END!
8158 ! X =      643.617,   5856.667,   633.021,      0.000!   !END!
8159 ! X =      643.637,   5856.667,   630.884,      0.000!   !END!
8160 ! X =      643.657,   5856.667,   629.153,      0.000!   !END!
8161 ! X =      643.677,   5856.667,   627.422,      0.000!   !END!
8162 ! X =      643.697,   5856.668,   625.753,      0.000!   !END!
8163 ! X =      643.717,   5856.668,   624.143,      0.000!   !END!
8164 ! X =      643.736,   5856.668,   622.526,      0.000!   !END!
8165 ! X =      643.756,   5856.668,   621.221,      0.000!   !END!
8166 ! X =      643.776,   5856.668,   620.066,      0.000!   !END!
8167 ! X =      643.796,   5856.668,   618.908,      0.000!   !END!
8168 ! X =      643.816,   5856.668,   617.444,      0.000!   !END!
8169 ! X =      643.836,   5856.668,   615.923,      0.000!   !END!
8170 ! X =      643.856,   5856.669,   614.400,      0.000!   !END!
8171 ! X =      643.876,   5856.669,   612.874,      0.000!   !END!
8172 ! X =      643.896,   5856.669,   611.343,      0.000!   !END!
8173 ! X =      643.915,   5856.669,   609.882,      0.000!   !END!
8174 ! X =      643.935,   5856.669,   608.699,      0.000!   !END!
8175 ! X =      643.955,   5856.669,   607.513,      0.000!   !END!
8176 ! X =      643.975,   5856.669,   606.240,      0.000!   !END!
8177 ! X =      643.995,   5856.669,   604.832,      0.000!   !END!
8178 ! X =      644.015,    5856.67,   603.425,      0.000!   !END!
8179 ! X =      644.035,    5856.67,   602.019,      0.000!   !END!
8180 ! X =      644.055,    5856.67,   600.612,      0.000!   !END!
8181 ! X =      644.075,    5856.67,   599.205,      0.000!   !END!
8182 ! X =      644.094,    5856.67,   598.170,      0.000!   !END!
8183 ! X =      644.114,    5856.67,   597.270,      0.000!   !END!
8184 ! X =      644.134,    5856.67,   596.373,      0.000!   !END!
8185 ! X =      644.154,    5856.67,   594.832,      0.000!   !END!
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8186 ! X =      644.174,   5856.671,    593.234,      0.000!  !END!
8187 ! X =      644.194,   5856.671,    591.612,      0.000!  !END!
8188 ! X =      644.214,   5856.671,    589.699,      0.000!  !END!
8189 ! X =      644.234,   5856.671,    587.785,      0.000!  !END!
8190 ! X =      644.254,   5856.671,    585.815,      0.000!  !END!
8191 ! X =      644.274,   5856.671,    583.706,      0.000!  !END!
8192 ! X =      644.293,   5856.671,    581.594,      0.000!  !END!
8193 ! X =      644.313,   5856.671,    579.416,      0.000!  !END!
8194 ! X =      644.333,   5856.672,    577.146,      0.000!  !END!
8195 ! X =      644.353,   5856.672,    574.865,      0.000!  !END!
8196 ! X =      644.373,   5856.672,    572.680,      0.000!  !END!
8197 ! X =      644.393,   5856.672,    570.555,      0.000!  !END!
8198 ! X =      644.413,   5856.672,    568.423,      0.000!  !END!
8199 ! X =      644.433,   5856.672,    567.415,      0.000!  !END!
8200 ! X =      644.453,   5856.672,    566.685,      0.000!  !END!
8201 ! X =      644.472,   5856.672,    565.948,      0.000!  !END!
8202 ! X =      644.492,   5856.673,    565.730,      0.000!  !END!
8203 ! X =      644.512,   5856.673,    565.521,      0.000!  !END!
8204 ! X =      644.532,   5856.673,    565.366,      0.000!  !END!
8205 ! X =      644.551,   5856.693,    566.519,      0.000!  !END!
8206 ! X =       644.55,   5856.713,    567.510,      0.000!  !END!
8207 ! X =      644.548,   5856.733,    568.547,      0.000!  !END!
8208 ! X =      644.547,   5856.753,    569.625,      0.000!  !END!
8209 ! X =      644.546,   5856.773,    570.703,      0.000!  !END!
8210 ! X =      644.545,   5856.793,    571.781,      0.000!  !END!
8211 ! X =      644.544,   5856.813,    572.859,      0.000!  !END!
8212 ! X =      644.543,   5856.833,    573.688,      0.000!  !END!
8213 ! X =      644.541,   5856.853,    574.485,      0.000!  !END!
8214 ! X =       644.54,   5856.873,    575.285,      0.000!  !END!
8215 ! X =      644.539,   5856.893,    576.090,      0.000!  !END!
8216 ! X =      644.538,   5856.913,    576.764,      0.000!  !END!
8217 ! X =      644.537,   5856.933,    576.990,      0.000!  !END!
8218 ! X =      644.536,   5856.953,    577.216,      0.000!  !END!
8219 ! X =      644.534,   5856.972,    577.442,      0.000!  !END!
8220 ! X =      644.533,   5856.992,    577.668,      0.000!  !END!
8221 ! X =      644.532,   5857.012,    578.120,      0.000!  !END!
8222 ! X =      644.531,   5857.032,    578.730,      0.000!  !END!
8223 ! X =       644.53,   5857.052,    579.344,      0.000!  !END!
8224 ! X =      644.529,   5857.072,    579.964,      0.000!  !END!
8225 ! X =      644.527,   5857.092,    580.587,      0.000!  !END!
8226 ! X =      644.526,   5857.112,    580.803,      0.000!  !END!
8227 ! X =      644.525,   5857.132,    581.004,      0.000!  !END!
8228 ! X =      644.524,   5857.152,    581.210,      0.000!  !END!
8229 ! X =      644.523,   5857.172,    581.420,      0.000!  !END!
8230 ! X =      644.522,   5857.192,    581.175,      0.000!  !END!
8231 ! X =       644.52,   5857.212,    579.941,      0.000!  !END!
8232 ! X =      644.519,   5857.232,    578.701,      0.000!  !END!
8233 ! X =      644.518,   5857.252,    577.456,      0.000!  !END!
8234 ! X =      644.517,   5857.272,    576.208,      0.000!  !END!
8235 ! X =      644.516,   5857.292,    575.381,      0.000!  !END!
8236 ! X =      644.514,   5857.312,    574.755,      0.000!  !END!
8237 ! X =      644.513,   5857.332,    574.128,      0.000!  !END!
8238 ! X =      644.512,   5857.352,    573.502,      0.000!  !END!
8239 ! X =      644.511,   5857.372,    572.885,      0.000!  !END!
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8240 ! X =       644.51,   5857.392,    572.482,     0.000!   !END!
8241 ! X =      644.509,   5857.412,    572.075,     0.000!   !END!
8242 ! X =      644.507,   5857.432,    571.665,     0.000!   !END!
8243 ! X =      644.506,   5857.452,    571.249,     0.000!   !END!
8244 ! X =      644.505,   5857.472,    571.002,     0.000!   !END!
8245 ! X =      644.504,   5857.492,    571.016,     0.000!   !END!
8246 ! X =      644.503,   5857.512,    571.035,     0.000!   !END!
8247 ! X =      644.502,   5857.532,    571.057,     0.000!   !END!
8248 ! X =        644.5,   5857.551,    571.084,     0.000!   !END!
8249 ! X =      644.499,   5857.571,    571.254,     0.000!   !END!
8250 ! X =      644.498,   5857.591,    571.459,     0.000!   !END!
8251 ! X =      644.497,   5857.611,    571.656,     0.000!   !END!
8252 ! X =      644.496,   5857.631,    571.843,     0.000!   !END!
8253 ! X =      644.495,   5857.651,    571.899,     0.000!   !END!
8254 ! X =      644.493,   5857.671,    571.105,     0.000!   !END!
8255 ! X =      644.492,   5857.691,    570.325,     0.000!   !END!
8256 ! X =      644.491,   5857.711,    569.558,     0.000!   !END!
8257 ! X =       644.49,   5857.731,    568.804,     0.000!   !END!
8258 ! X =      644.489,   5857.751,    568.091,     0.000!   !END!
8259 ! X =      644.488,   5857.771,    567.406,     0.000!   !END!
8260 ! X =      644.486,   5857.791,    566.712,     0.000!   !END!
8261 ! X =      644.485,   5857.811,    566.008,     0.000!   !END!
8262 ! X =      644.484,   5857.831,    565.296,     0.000!   !END!
8263 ! X =      644.483,   5857.851,    564.831,     0.000!   !END!
8264 ! X =      644.482,   5857.871,    564.410,     0.000!   !END!
8265 ! X =       644.48,   5857.891,    563.989,     0.000!   !END!
8266 ! X =      644.479,   5857.911,    563.568,     0.000!   !END!
8267 ! X =      644.478,   5857.931,    563.088,     0.000!   !END!
8268 ! X =      644.477,   5857.951,    562.399,     0.000!   !END!
8269 ! X =      644.476,   5857.971,    561.722,     0.000!   !END!
8270 ! X =      644.475,   5857.991,    561.058,     0.000!   !END!
8271 ! X =      644.473,   5858.011,    560.408,     0.000!   !END!
8272 ! X =      644.472,   5858.031,    559.999,     0.000!   !END!
8273 ! X =      644.471,   5858.051,    559.759,     0.000!   !END!
8274 ! X =       644.47,   5858.071,    559.514,     0.000!   !END!
8275 ! X =      644.469,   5858.091,    559.265,     0.000!   !END!
8276 ! X =      644.468,   5858.111,    559.011,     0.000!   !END!
8277 ! X =      644.466,    5858.13,    558.487,     0.000!   !END!
8278 ! X =      644.465,    5858.15,    557.949,     0.000!   !END!
8279 ! X =      644.464,    5858.17,    557.415,     0.000!   !END!
8280 ! X =      644.463,    5858.19,    556.885,     0.000!   !END!
8281 ! X =      644.462,    5858.21,    556.272,     0.000!   !END!
8282 ! X =      644.461,    5858.23,    555.451,     0.000!   !END!
8283 ! X =      644.459,    5858.25,    554.629,     0.000!   !END!
8284 ! X =      644.458,    5858.27,    553.808,     0.000!   !END!
8285 ! X =      644.457,    5858.29,    552.987,     0.000!   !END!
8286 ! X =      644.456,    5858.31,    552.468,     0.000!   !END!
8287 ! X =      644.455,    5858.33,    552.100,     0.000!   !END!
8288 ! X =      644.453,    5858.35,    551.722,     0.000!   !END!
8289 ! X =      644.452,    5858.37,    551.335,     0.000!   !END!
8290 ! X =      644.451,    5858.39,    550.942,     0.000!   !END!
8291 ! X =       644.45,    5858.41,    550.643,     0.000!   !END!
8292 ! X =      644.449,    5858.43,    550.339,     0.000!   !END!
8293 ! X =      644.448,    5858.45,    550.030,     0.000!   !END!
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8294 ! X =       644.446,     5858.47,      549.717,        0.000!   !END!
8295 ! X =       644.445,     5858.49,      549.526,        0.000!   !END!
8296 ! X =       644.444,     5858.51,      549.536,        0.000!   !END!
8297 ! X =       644.443,     5858.53,      549.546,        0.000!   !END!
8298 ! X =       644.442,     5858.55,      549.557,        0.000!   !END!
8299 ! X =       644.441,     5858.57,      549.567,        0.000!   !END!
8300 ! X =       644.439,     5858.59,      549.713,        0.000!   !END!
8301 ! X =       644.438,     5858.61,      549.898,        0.000!   !END!
8302 ! X =       644.437,     5858.63,      550.074,        0.000!   !END!
8303 ! X =       644.436,     5858.65,      550.241,        0.000!   !END!
8304 ! X =       644.435,     5858.67,      550.378,        0.000!   !END!
8305 ! X =       644.434,     5858.69,      550.344,        0.000!   !END!
8306 ! X =       644.432,    5858.709,      550.323,        0.000!   !END!
8307 ! X =       644.431,    5858.729,      550.316,        0.000!   !END!
8308 ! X =        644.43,    5858.749,      550.321,        0.000!   !END!
8309 ! X =       644.429,    5858.769,      550.137,        0.000!   !END!
8310 ! X =       644.428,    5858.789,      549.727,        0.000!   !END!
8311 ! X =       644.427,    5858.809,      549.316,        0.000!   !END!
8312 ! X =       644.425,    5858.829,      548.905,        0.000!   !END!
8313 ! X =       644.424,    5858.849,      548.494,        0.000!   !END!
8314 ! X =       644.423,    5858.869,      548.084,        0.000!   !END!
8315 ! X =       644.422,    5858.889,      547.673,        0.000!   !END!
8316 ! X =       644.421,    5858.909,      547.262,        0.000!   !END!
8317 ! X =       644.419,    5858.929,      546.852,        0.000!   !END!
8318 ! X =       644.418,    5858.949,      546.483,        0.000!   !END!
8319 ! X =       644.417,    5858.969,      546.287,        0.000!   !END!
8320 ! X =       644.416,    5858.989,      546.092,        0.000!   !END!
8321 ! X =       644.415,    5859.009,      545.897,        0.000!   !END!
8322 ! X =       644.414,    5859.029,      545.702,        0.000!   !END!
8323 ! X =       644.412,    5859.049,      545.724,        0.000!   !END!
8324 ! X =       644.411,    5859.069,      545.923,        0.000!   !END!
8325 ! X =        644.41,    5859.089,      546.127,        0.000!   !END!
8326 ! X =       644.409,    5859.109,      546.335,        0.000!   !END!
8327 ! X =       644.408,    5859.129,      546.548,        0.000!   !END!
8328 ! X =       644.407,    5859.149,      546.226,        0.000!   !END!
8329 ! X =       644.405,    5859.169,      545.851,        0.000!   !END!
8330 ! X =       644.404,    5859.189,      545.471,        0.000!   !END!
8331 ! X =       644.403,    5859.209,      545.086,        0.000!   !END!
8332 ! X =       644.402,    5859.229,      544.752,        0.000!   !END!
8333 ! X =       644.401,    5859.249,      544.557,        0.000!   !END!
8334 ! X =        644.4,    5859.269,      544.361,        0.000!   !END!
8335 ! X =       644.398,    5859.288,      544.167,        0.000!   !END!
8336 ! X =       644.397,    5859.308,      543.971,        0.000!   !END!
8337 ! X =       644.396,    5859.328,      544.040,        0.000!   !END!
8338 ! X =       644.395,    5859.348,      544.265,        0.000!   !END!
8339 ! X =       644.394,    5859.368,      544.499,        0.000!   !END!
8340 ! X =       644.393,    5859.388,      544.742,        0.000!   !END!
8341 ! X =       644.391,    5859.408,      544.993,        0.000!   !END!
8342 ! X =        644.39,    5859.428,      544.820,        0.000!   !END!
8343 ! X =       644.389,    5859.448,      544.652,        0.000!   !END!
8344 ! X =       644.388,    5859.468,      544.488,        0.000!   !END!
8345 ! X =       644.387,    5859.488,      544.328,        0.000!   !END!
8346 ! X =       644.385,    5859.508,      544.092,        0.000!   !END!
8347 ! X =       644.384,    5859.528,      543.711,        0.000!   !END!
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8348 ! X =      644.383,   5859.548,    543.331,      0.000!   !END!
8349 ! X =      644.382,   5859.568,    542.952,      0.000!   !END!
8350 ! X =      644.381,   5859.588,    542.572,      0.000!   !END!
8351 ! X =       644.38,   5859.608,    542.036,      0.000!   !END!
8352 ! X =      644.378,   5859.628,    541.440,      0.000!   !END!
8353 ! X =      644.377,   5859.648,    540.845,      0.000!   !END!
8354 ! X =      644.376,   5859.668,    540.250,      0.000!   !END!
8355 ! X =      644.375,   5859.688,    539.710,      0.000!   !END!
8356 ! X =      644.374,   5859.708,    539.762,      0.000!   !END!
8357 ! X =      644.373,   5859.728,    539.813,      0.000!   !END!
8358 ! X =      644.371,   5859.748,    539.864,      0.000!   !END!
8359 ! X =       644.37,   5859.768,    539.915,      0.000!   !END!
8360 ! X =      644.369,   5859.788,    539.967,      0.000!   !END!
8361 ! X =      644.368,   5859.808,    540.019,      0.000!   !END!
8362 ! X =      644.367,   5859.828,    540.070,      0.000!   !END!
8363 ! X =      644.366,   5859.847,    540.121,      0.000!   !END!
8364 ! X =      644.364,   5859.867,    540.173,      0.000!   !END!
8365 ! X =      644.363,   5859.887,    539.964,      0.000!   !END!
8366 ! X =      644.362,   5859.907,    539.685,      0.000!   !END!
8367 ! X =      644.361,   5859.927,    539.399,      0.000!   !END!
8368 ! X =       644.36,   5859.947,    539.104,      0.000!   !END!
8369 ! X =      644.358,   5859.967,    538.826,      0.000!   !END!
8370 ! X =      644.357,   5859.987,    538.664,      0.000!   !END!
8371 ! X =      644.356,   5860.007,    538.489,      0.000!   !END!
8372 ! X =      644.355,   5860.027,    538.300,      0.000!   !END!
8373 ! X =      644.354,   5860.047,    538.098,      0.000!   !END!
8374 ! X =      644.353,   5860.067,    538.000,      0.000!   !END!
8375 ! X =      644.351,   5860.087,    538.000,      0.000!   !END!
8376 ! X =       644.35,   5860.107,    538.000,      0.000!   !END!
8377 ! X =      644.349,   5860.127,    538.000,      0.000!   !END!
8378 ! X =      644.348,   5860.147,    538.000,      0.000!   !END!
8379 ! X =      644.347,   5860.167,    538.000,      0.000!   !END!
8380 ! X =      644.346,   5860.187,    538.000,      0.000!   !END!
8381 ! X =      644.344,   5860.207,    538.000,      0.000!   !END!
8382 ! X =      644.343,   5860.227,    538.000,      0.000!   !END!
8383 ! X =      644.342,   5860.247,    538.000,      0.000!   !END!
8384 ! X =      644.341,   5860.267,    538.000,      0.000!   !END!
8385 ! X =       644.34,   5860.287,    538.000,      0.000!   !END!
8386 ! X =      644.339,   5860.307,    538.000,      0.000!   !END!
8387 ! X =      644.337,   5860.327,    538.000,      0.000!   !END!
8388 ! X =      644.336,   5860.347,    538.000,      0.000!   !END!
8389 ! X =      644.335,   5860.367,    538.000,      0.000!   !END!
8390 ! X =      644.334,   5860.387,    538.000,      0.000!   !END!
8391 ! X =      644.333,   5860.407,    538.000,      0.000!   !END!
8392 ! X =      644.332,   5860.426,    538.000,      0.000!   !END!
8393 ! X =       644.33,   5860.446,    538.000,      0.000!   !END!
8394 ! X =      644.329,   5860.466,    538.000,      0.000!   !END!
8395 ! X =      644.328,   5860.486,    538.000,      0.000!   !END!
8396 ! X =      644.327,   5860.506,    538.000,      0.000!   !END!
8397 ! X =      644.326,   5860.526,    538.000,      0.000!   !END!
8398 ! X =      644.324,   5860.546,    538.000,      0.000!   !END!
8399 ! X =      644.323,   5860.566,    538.000,      0.000!   !END!
8400 ! X =      644.322,   5860.586,    538.000,      0.000!   !END!
8401 ! X =      644.321,   5860.606,    538.000,      0.000!   !END!
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8402 ! X =      644.32,  5860.626,     538.000,        0.000!   !END!
8403 ! X =     644.319,  5860.646,     538.000,        0.000!   !END!
8404 ! X =     644.317,  5860.666,     538.000,        0.000!   !END!
8405 ! X =     644.316,  5860.686,     538.000,        0.000!   !END!
8406 ! X =     644.315,  5860.706,     538.000,        0.000!   !END!
8407 ! X =     644.314,  5860.726,     538.000,        0.000!   !END!
8408 ! X =     644.313,  5860.746,     538.000,        0.000!   !END!
8409 ! X =     644.312,  5860.766,     538.000,        0.000!   !END!
8410 ! X =      644.31,  5860.786,     538.000,        0.000!   !END!
8411 ! X =     644.309,  5860.806,     538.000,        0.000!   !END!
8412 ! X =     644.308,  5860.826,     538.000,        0.000!   !END!
8413 ! X =     644.307,  5860.846,     538.000,        0.000!   !END!
8414 ! X =     644.306,  5860.866,     538.000,        0.000!   !END!
8415 ! X =     644.285,  5860.886,     538.000,        0.000!   !END!
8416 ! X =     644.265,  5860.886,     538.000,        0.000!   !END!
8417 ! X =     644.245,  5860.885,     538.000,        0.000!   !END!
8418 ! X =     644.225,  5860.885,     538.000,        0.000!   !END!
8419 ! X =     644.205,  5860.885,     538.000,        0.000!   !END!
8420 ! X =     644.185,  5860.885,     538.000,        0.000!   !END!
8421 ! X =     644.165,  5860.885,     538.000,        0.000!   !END!
8422 ! X =     644.145,  5860.885,     538.000,        0.000!   !END!
8423 ! X =     644.125,  5860.885,     538.000,        0.000!   !END!
8424 ! X =     644.105,  5860.885,     538.000,        0.000!   !END!
8425 ! X =     644.085,  5860.885,     538.000,        0.000!   !END!
8426 ! X =     644.065,  5860.885,     538.035,        0.000!   !END!
8427 ! X =     644.045,  5860.885,     538.411,        0.000!   !END!
8428 ! X =     644.025,  5860.885,     538.796,        0.000!   !END!
8429 ! X =     644.005,  5860.885,     539.481,        0.000!   !END!
8430 ! X =     643.985,  5860.885,     540.901,        0.000!   !END!
8431 ! X =     643.965,  5860.884,     542.316,        0.000!   !END!
8432 ! X =     643.945,  5860.884,     543.406,        0.000!   !END!
8433 ! X =     643.925,  5860.884,     544.148,        0.000!   !END!
8434 ! X =     643.905,  5860.884,     544.893,        0.000!   !END!
8435 ! X =     643.885,  5860.884,     545.624,        0.000!   !END!
8436 ! X =     643.865,  5860.884,     546.348,        0.000!   !END!
8437 ! X =     643.845,  5860.884,     547.072,        0.000!   !END!
8438 ! X =     643.825,  5860.884,     547.180,        0.000!   !END!
8439 ! X =     643.805,  5860.884,     547.191,        0.000!   !END!
8440 ! X =     643.785,  5860.884,     547.186,        0.000!   !END!
8441 ! X =     643.765,  5860.884,     546.918,        0.000!   !END!
8442 ! X =     643.745,  5860.884,     546.657,        0.000!   !END!
8443 ! X =     643.725,  5860.884,     546.550,        0.000!   !END!
8444 ! X =     643.705,  5860.883,     546.884,        0.000!   !END!
8445 ! X =     643.685,  5860.883,     547.214,        0.000!   !END!
8446 ! X =     643.665,  5860.883,     547.426,        0.000!   !END!
8447 ! X =     643.645,  5860.883,     547.493,        0.000!   !END!
8448 ! X =     643.625,  5860.883,     547.565,        0.000!   !END!
8449 ! X =     643.605,  5860.883,     547.867,        0.000!   !END!
8450 ! X =     643.585,  5860.883,     548.303,        0.000!   !END!
8451 ! X =     643.565,  5860.883,     548.743,        0.000!   !END!
8452 ! X =     643.545,  5860.883,     548.597,        0.000!   !END!
8453 ! X =     643.525,  5860.883,     548.333,        0.000!   !END!
8454 ! X =     643.505,  5860.883,     548.068,        0.000!   !END!
8455 ! X =     643.485,  5860.883,     547.614,        0.000!   !END!
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8456 ! X =      643.465,    5860.883,    547.151,       0.000!   !END!
8457 ! X =      643.445,    5860.883,    546.680,       0.000!   !END!
8458 ! X =      643.425,    5860.882,    546.202,       0.000!   !END!
8459 ! X =      643.405,    5860.882,    545.715,       0.000!   !END!
8460 ! X =      643.385,    5860.882,    545.396,       0.000!   !END!
8461 ! X =      643.365,    5860.882,    545.328,       0.000!   !END!
8462 ! X =      643.345,    5860.882,    545.257,       0.000!   !END!
8463 ! X =      643.325,    5860.882,    545.181,       0.000!   !END!
8464 ! X =      643.305,    5860.882,    545.101,       0.000!   !END!
8465 ! X =      643.285,    5860.882,    545.018,       0.000!   !END!
8466 ! X =      643.265,    5860.882,    545.000,       0.000!   !END!
8467 ! X =      643.245,    5860.882,    545.000,       0.000!   !END!
8468 ! X =      643.225,    5860.882,    545.000,       0.000!   !END!
8469 ! X =      643.205,    5860.882,    545.350,       0.000!   !END!
8470 ! X =      643.185,    5860.882,    545.706,       0.000!   !END!
8471 ! X =      643.165,    5860.881,    546.205,       0.000!   !END!
8472 ! X =      643.145,    5860.881,    547.374,       0.000!   !END!
8473 ! X =      643.125,    5860.881,    548.547,       0.000!   !END!
8474 ! X =      643.105,    5860.881,    549.647,       0.000!   !END!
8475 ! X =      643.085,    5860.881,    550.615,       0.000!   !END!
8476 ! X =      643.065,    5860.881,    551.579,       0.000!   !END!
8477 ! X =      643.045,    5860.881,    552.877,       0.000!   !END!
8478 ! X =      643.025,    5860.881,    554.432,       0.000!   !END!
8479 ! X =      643.005,    5860.881,    555.979,       0.000!   !END!
8480 ! X =      642.985,    5860.881,    558.506,       0.000!   !END!
8481 ! X =      642.965,    5860.881,    561.343,       0.000!   !END!
8482 ! X =      642.945,    5860.881,    564.168,       0.000!   !END!
8483 ! X =      642.925,    5860.881,    567.320,       0.000!   !END!
8484 ! X =      642.905,    5860.881,    570.477,       0.000!   !END!
8485 ! X =      642.885,     5860.88,    573.676,       0.000!   !END!
8486 ! X =      642.865,     5860.88,    577.194,       0.000!   !END!
8487 ! X =      642.845,     5860.88,    580.711,       0.000!   !END!
8488 ! X =      642.825,     5860.88,    584.464,       0.000!   !END!
8489 ! X =      642.805,     5860.88,    588.694,       0.000!   !END!
8490 ! X =      642.785,     5860.88,    592.925,       0.000!   !END!
8491 ! X =      642.765,     5860.88,    596.998,       0.000!   !END!
8492 ! X =      642.745,     5860.88,    600.938,       0.000!   !END!
8493 ! X =      642.725,     5860.88,    604.889,       0.000!   !END!
8494 ! X =      642.705,     5860.88,    608.749,       0.000!   !END!
8495 ! X =      642.685,     5860.88,    612.578,       0.000!   !END!
8496 ! X =      642.665,     5860.88,    616.414,       0.000!   !END!
8497 ! X =      642.645,     5860.88,    619.201,       0.000!   !END!
8498 ! X =      642.625,    5860.879,    621.880,       0.000!   !END!
8499 ! X =      642.605,    5860.879,    624.550,       0.000!   !END!
8500 ! X =      642.585,    5860.879,    627.178,       0.000!   !END!
8501 ! X =      642.566,    5860.879,    629.808,       0.000!   !END!
8502 ! X =      642.546,    5860.879,    632.655,       0.000!   !END!
8503 ! X =      642.526,    5860.879,    636.006,       0.000!   !END!
8504 ! X =      642.506,    5860.879,    639.361,       0.000!   !END!
8505 ! X =      642.486,    5860.879,    642.895,       0.000!   !END!
8506 ! X =      642.466,    5860.879,    646.614,       0.000!   !END!
8507 ! X =      642.446,    5860.879,    650.338,       0.000!   !END!
8508 ! X =      642.426,    5860.879,    652.948,       0.000!   !END!
8509 ! X =      642.406,    5860.879,    655.058,       0.000!   !END!
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8510 ! X =      642.386,    5860.879,     657.192,        0.000!    !END!
8511 ! X =      642.366,    5860.879,     657.951,        0.000!    !END!
8512 ! X =      642.346,    5860.878,     658.521,        0.000!    !END!
8513 ! X =      642.326,    5860.878,     659.067,        0.000!    !END!
8514 ! X =      642.306,    5860.878,     659.111,        0.000!    !END!
8515 ! X =      642.286,    5860.878,     659.156,        0.000!    !END!
8516 ! X =      642.266,    5860.878,     659.204,        0.000!    !END!
8517 ! X =      642.246,    5860.878,     659.272,        0.000!    !END!
8518 ! X =      642.226,    5860.878,     659.347,        0.000!    !END!
8519 ! X =      642.206,    5860.878,     659.490,        0.000!    !END!
8520 ! X =      642.186,    5860.878,     659.706,        0.000!    !END!
8521 ! X =      642.166,    5860.878,     659.918,        0.000!    !END!
8522 ! X =      642.146,    5860.878,     659.795,        0.000!    !END!
8523 ! X =      642.126,    5860.878,     659.489,        0.000!    !END!
8524 ! X =      642.106,    5860.878,     659.182,        0.000!    !END!
8525 ! X =      642.086,    5860.877,     658.704,        0.000!    !END!
8526 ! X =      642.066,    5860.877,     658.188,        0.000!    !END!
8527 ! X =      642.046,    5860.877,     657.685,        0.000!    !END!
8528 ! X =      642.026,    5860.877,     657.649,        0.000!    !END!
8529 ! X =      642.006,    5860.877,     657.625,        0.000!    !END!
8530 ! X =      641.986,    5860.877,     657.501,        0.000!    !END!
8531 ! X =      641.966,    5860.877,     656.988,        0.000!    !END!
8532 ! X =      641.946,    5860.877,     656.472,        0.000!    !END!
8533 ! X =      641.926,    5860.877,     656.007,        0.000!    !END!
8534 ! X =      641.906,    5860.877,     655.616,        0.000!    !END!
8535 ! X =      641.886,    5860.877,     655.217,        0.000!    !END!
8536 ! X =      641.866,    5860.877,     655.006,        0.000!    !END!
8537 ! X =      641.846,    5860.877,     654.924,        0.000!    !END!
8538 ! X =      641.826,    5860.876,     654.845,        0.000!    !END!
8539 ! X =      641.806,    5860.876,     654.684,        0.000!    !END!
8540 ! X =      641.786,    5860.876,     654.498,        0.000!    !END!
8541 ! X =      641.766,    5860.876,     654.308,        0.000!    !END!
8542 ! X =      641.746,    5860.876,     653.640,        0.000!    !END!
8543 ! X =      641.726,    5860.876,     652.957,        0.000!    !END!
8544 ! X =      641.706,    5860.876,     652.442,        0.000!    !END!
8545 ! X =      641.686,    5860.876,     652.693,        0.000!    !END!
8546 ! X =      641.666,    5860.876,     652.936,        0.000!    !END!
8547 ! X =      641.646,    5860.876,     653.319,        0.000!    !END!
8548 ! X =      641.626,    5860.876,     653.943,        0.000!    !END!
8549 ! X =      641.606,    5860.876,     654.570,        0.000!    !END!
8550 ! X =      641.586,    5860.876,     654.823,        0.000!    !END!
8551 ! X =      641.566,    5860.876,     654.787,        0.000!    !END!
8552 ! X =      641.546,    5860.875,     654.738,        0.000!    !END!
8553 ! X =      641.526,    5860.875,     655.622,        0.000!    !END!
8554 ! X =      641.506,    5860.875,     656.789,        0.000!    !END!
8555 ! X =      641.486,    5860.875,     657.952,        0.000!    !END!
8556 ! X =      641.466,    5860.875,     658.342,        0.000!    !END!
8557 ! X =      641.446,    5860.875,     658.698,        0.000!    !END!
8558 ! X =      641.426,    5860.875,     659.028,        0.000!    !END!
8559 ! X =      641.406,    5860.875,     659.215,        0.000!    !END!
8560 ! X =      641.386,    5860.875,     659.411,        0.000!    !END!
8561 ! X =      641.366,    5860.875,     659.587,        0.000!    !END!
8562 ! X =      641.346,    5860.875,     659.719,        0.000!    !END!
8563 ! X =      641.326,    5860.875,     659.865,        0.000!    !END!
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8564 ! X =      641.306,   5860.875,    659.678,     0.000!   !END!
8565 ! X =      641.286,   5860.874,    659.206,     0.000!   !END!
8566 ! X =      641.266,   5860.874,    658.742,     0.000!   !END!
8567 ! X =      641.246,   5860.874,    657.556,     0.000!   !END!
8568 ! X =      641.226,   5860.874,    656.104,     0.000!   !END!
8569 ! X =      641.206,   5860.874,    654.656,     0.000!   !END!
8570 ! X =      641.186,   5860.874,    653.328,     0.000!   !END!
8571 ! X =      641.166,   5860.874,    652.006,     0.000!   !END!
8572 ! X =      641.146,   5860.874,    650.632,     0.000!   !END!
8573 ! X =      641.126,   5860.874,    648.890,     0.000!   !END!
8574 ! X =      641.106,   5860.874,    647.147,     0.000!   !END!
8575 ! X =      641.086,   5860.874,    645.718,     0.000!   !END!
8576 ! X =      641.066,   5860.874,    644.993,     0.000!   !END!
8577 ! X =      641.046,   5860.874,    644.272,     0.000!   !END!
8578 ! X =      641.026,   5860.874,    643.401,     0.000!   !END!
8579 ! X =      641.006,   5860.873,    642.376,     0.000!   !END!
8580 ! X =      640.986,   5860.873,    641.351,     0.000!   !END!
8581 ! X =      640.966,   5860.873,    640.297,     0.000!   !END!
8582 ! X =      640.946,   5860.873,    639.234,     0.000!   !END!
8583 ! X =      640.926,   5860.873,    638.174,     0.000!   !END!
8584 ! X =      640.906,   5860.873,    636.551,     0.000!   !END!
8585 ! X =      640.886,   5860.873,    634.851,     0.000!   !END!
8586 ! X =      640.866,   5860.873,    633.174,     0.000!   !END!
8587 ! X =      640.846,   5860.873,    631.793,     0.000!   !END!
8588 ! X =      640.826,   5860.873,    630.411,     0.000!   !END!
8589 ! X =      640.806,   5860.873,    628.941,     0.000!   !END!
8590 ! X =      640.786,   5860.873,    627.227,     0.000!   !END!
8591 ! X =      640.766,   5860.873,    625.509,     0.000!   !END!
8592 ! X =      640.747,   5860.872,    623.631,     0.000!   !END!
8593 ! X =      640.727,   5860.872,    621.565,     0.000!   !END!
8594 ! X =      640.707,   5860.872,    619.493,     0.000!   !END!
8595 ! X =      640.687,   5860.872,    618.350,     0.000!   !END!
8596 ! X =      640.667,   5860.872,    617.688,     0.000!   !END!
8597 ! X =      640.647,   5860.872,    617.017,     0.000!   !END!
8598 ! X =      640.627,   5860.872,    616.634,     0.000!   !END!
8599 ! X =      640.607,   5860.872,    616.299,     0.000!   !END!
8600 ! X =      640.587,   5860.872,    615.975,     0.000!   !END!
8601 ! X =      640.567,   5860.872,    615.991,     0.000!   !END!
8602 ! X =      640.547,   5860.872,    615.999,     0.000!   !END!
8603 ! X =      640.527,   5860.872,    616.091,     0.000!   !END!
8604 ! X =      640.507,   5860.872,    616.451,     0.000!   !END!
8605 ! X =      640.487,   5860.872,    616.803,     0.000!   !END!
8606 ! X =      640.467,   5860.871,    616.847,     0.000!   !END!
8607 ! X =      640.447,   5860.871,    616.491,     0.000!   !END!
8608 ! X =      640.427,   5860.871,    616.135,     0.000!   !END!
8609 ! X =      640.407,   5860.871,    615.770,     0.000!   !END!
8610 ! X =      640.387,   5860.871,    615.398,     0.000!   !END!
8611 ! X =      640.367,   5860.871,    615.021,     0.000!   !END!
8612 ! X =      640.347,   5860.871,    613.251,     0.000!   !END!
8613 ! X =      640.327,   5860.871,    611.176,     0.000!   !END!
8614 ! X =      640.307,   5860.871,    609.106,     0.000!   !END!
8615 ! X =      640.287,   5860.871,    606.366,     0.000!   !END!
8616 ! X =      640.267,   5860.871,    603.643,     0.000!   !END!
8617 ! X =      640.247,   5860.871,    600.994,     0.000!   !END!
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8618 ! X =       640.227,    5860.871,    598.595,       0.000!   !END!
8619 ! X =       640.207,    5860.87,     596.203,       0.000!   !END!
8620 ! X =       640.187,    5860.87,     593.793,       0.000!   !END!
8621 ! X =       640.167,    5860.87,     591.343,       0.000!   !END!
8622 ! X =       640.147,    5860.87,     588.892,       0.000!   !END!
8623 ! X =       640.127,    5860.87,     587.183,       0.000!   !END!
8624 ! X =       640.107,    5860.87,     585.984,       0.000!   !END!
8625 ! X =       640.087,    5860.87,     584.771,       0.000!   !END!
8626 ! X =       640.067,    5860.87,     584.204,       0.000!   !END!
8627 ! X =       640.047,    5860.87,     583.820,       0.000!   !END!
8628 ! X =       640.027,    5860.87,     583.432,       0.000!   !END!
8629 ! X =       640.007,    5860.87,     582.745,       0.000!   !END!
8630 ! X =       639.987,    5860.87,     582.049,       0.000!   !END!
8631 ! X =       639.967,    5860.87,     581.451,       0.000!   !END!
8632 ! X =       639.947,    5860.87,     581.352,       0.000!   !END!
8633 ! X =       639.927,    5860.869,    581.244,       0.000!   !END!
8634 ! X =       639.907,    5860.869,    581.195,       0.000!   !END!
8635 ! X =       639.887,    5860.869,    581.265,       0.000!   !END!
8636 ! X =       639.867,    5860.869,    581.338,       0.000!   !END!
8637 ! X =       639.847,    5860.869,    581.378,       0.000!   !END!
8638 ! X =       639.827,    5860.869,    581.389,       0.000!   !END!
8639 ! X =       639.807,    5860.869,    581.400,       0.000!   !END!
8640 ! X =       639.787,    5860.869,    581.730,       0.000!   !END!
8641 ! X =       639.767,    5860.869,    582.174,       0.000!   !END!
8642 ! X =       639.747,    5860.869,    582.622,       0.000!   !END!
8643 ! X =       639.727,    5860.869,    583.258,       0.000!   !END!
8644 ! X =       639.707,    5860.869,    583.905,       0.000!   !END!
8645 ! X =       639.687,    5860.869,    584.536,       0.000!   !END!
8646 ! X =       639.667,    5860.868,    585.089,       0.000!   !END!
8647 ! X =       639.647,    5860.868,    585.634,       0.000!   !END!
8648 ! X =       639.627,    5860.868,    586.229,       0.000!   !END!
8649 ! X =       639.607,    5860.868,    586.942,       0.000!   !END!
8650 ! X =       639.587,    5860.868,    587.654,       0.000!   !END!
8651 ! X =       639.567,    5860.868,    588.415,       0.000!   !END!
8652 ! X =       639.547,    5860.868,    589.225,       0.000!   !END!
8653 ! X =       639.527,    5860.868,    590.039,       0.000!   !END!
8654 ! X =       639.507,    5860.868,    590.282,       0.000!   !END!
8655 ! X =       639.487,    5860.868,    590.287,       0.000!   !END!
8656 ! X =       639.467,    5860.868,    590.292,       0.000!   !END!
8657 ! X =       639.447,    5860.868,    590.073,       0.000!   !END!
8658 ! X =       639.427,    5860.868,    589.831,       0.000!   !END!
8659 ! X =       639.407,    5860.868,    589.617,       0.000!   !END!
8660 ! X =       639.387,    5860.867,    589.628,       0.000!   !END!
8661 ! X =       639.367,    5860.867,    589.639,       0.000!   !END!
8662 ! X =       639.347,    5860.867,    589.617,       0.000!   !END!
8663 ! X =       639.327,    5860.867,    589.509,       0.000!   !END!
8664 ! X =       639.307,    5860.867,    589.398,       0.000!   !END!
8665 ! X =       639.287,    5860.867,    589.341,       0.000!   !END!
8666 ! X =       639.267,    5860.867,    589.346,       0.000!   !END!
8667 ! X =       639.247,    5860.867,    589.352,       0.000!   !END!
8668 ! X =       639.227,    5860.867,    589.528,       0.000!   !END!
8669 ! X =       639.207,    5860.867,    589.795,       0.000!   !END!
8670 ! X =       639.187,    5860.867,    590.069,       0.000!   !END!
8671 ! X =       639.167,    5860.867,    590.314,       0.000!   !END!
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8672 ! X =       639.147,   5860.867,     590.549,     0.000!   !END!
8673 ! X =       639.127,   5860.866,     590.756,     0.000!   !END!
8674 ! X =       639.107,   5860.866,     590.550,     0.000!   !END!
8675 ! X =       639.087,   5860.866,     590.347,     0.000!   !END!
8676 ! X =       639.067,   5860.866,     590.237,     0.000!   !END!
8677 ! X =       639.047,   5860.866,     590.398,     0.000!   !END!
8678 ! X =       639.027,   5860.866,     590.564,     0.000!   !END!
8679 ! X =       639.007,   5860.866,     590.890,     0.000!   !END!
8680 ! X =       638.987,   5860.866,     591.420,     0.000!   !END!
8681 ! X =       638.967,   5860.866,     591.953,     0.000!   !END!
8682 ! X =       638.947,   5860.866,     592.263,     0.000!   !END!
8683 ! X =       638.928,   5860.866,     592.447,     0.000!   !END!
8684 ! X =       638.908,   5860.866,     592.635,     0.000!   !END!
8685 ! X =       638.888,   5860.866,     592.857,     0.000!   !END!
8686 ! X =       638.868,   5860.866,     593.083,     0.000!   !END!
8687 ! X =       638.848,   5860.865,     593.304,     0.000!   !END!
8688 ! X =       638.828,   5860.865,     593.521,     0.000!   !END!
8689 ! X =       638.808,   5860.865,     593.734,     0.000!   !END!
8690 ! X =       638.788,   5860.865,     594.017,     0.000!   !END!
8691 ! X =       638.768,   5860.865,     594.567,     0.000!   !END!
8692 ! X =       638.748,   5860.865,     595.121,     0.000!   !END!
8693 ! X =       638.728,   5860.865,     595.387,     0.000!   !END!
8694 ! X =       638.708,   5860.865,     595.236,     0.000!   !END!
8695 ! X =       638.688,   5860.865,     595.089,     0.000!   !END!
8696 ! X =       638.668,   5860.865,     594.622,     0.000!   !END!
8697 ! X =       638.648,   5860.865,     593.942,     0.000!   !END!
8698 ! X =       638.628,   5860.865,     593.262,     0.000!   !END!
8699 ! X =       638.608,   5860.865,     592.581,     0.000!   !END!
8700 ! X =       638.588,   5860.864,     591.901,     0.000!   !END!
8701 ! X =       638.568,   5860.864,     591.221,     0.000!   !END!
8702 ! X =       638.548,   5860.864,     589.866,     0.000!   !END!
8703 ! X =       638.528,   5860.864,     588.510,     0.000!   !END!
8704 ! X =       638.508,   5860.864,     587.127,     0.000!   !END!
8705 ! X =       638.488,   5860.864,     585.588,     0.000!   !END!
8706 ! X =       638.468,   5860.864,     584.051,     0.000!   !END!
8707 ! X =       638.448,   5860.864,     582.538,     0.000!   !END!
8708 ! X =       638.428,   5860.864,     581.062,     0.000!   !END!
8709 ! X =       638.408,   5860.864,     579.600,     0.000!   !END!
8710 ! X =       638.388,   5860.864,     577.880,     0.000!   !END!
8711 ! X =       638.368,   5860.864,     575.951,     0.000!   !END!
8712 ! X =       638.348,   5860.864,     574.020,     0.000!   !END!
8713 ! X =       638.328,   5860.864,     572.192,     0.000!   !END!
8714 ! X =       638.308,   5860.863,     570.393,     0.000!   !END!
8715 ! X =       638.288,   5860.863,     568.585,     0.000!   !END!
8716 ! X =       638.268,   5860.863,     567.526,     0.000!   !END!
8717 ! X =       638.248,   5860.863,     566.506,     0.000!   !END!
8718 ! X =       638.228,   5860.863,     565.491,     0.000!   !END!
8719 ! X =       638.208,   5860.863,     564.507,     0.000!   !END!
8720 ! X =       638.188,   5860.863,     563.511,     0.000!   !END!
8721 ! X =       638.168,   5860.863,     562.341,     0.000!   !END!
8722 ! X =       638.148,   5860.863,     560.842,     0.000!   !END!
8723 ! X =       638.128,   5860.863,     559.334,     0.000!   !END!
8724 ! X =       638.108,   5860.863,     557.756,     0.000!   !END!
8725 ! X =       638.088,   5860.863,     556.115,     0.000!   !END!
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8726 ! X =      638.068,   5860.863,    554.470,      0.000!   !END!
8727 ! X =      638.048,   5860.862,    553.168,      0.000!   !END!
8728 ! X =      638.028,   5860.843,    551.183,      0.000!   !END!
8729 ! X =      638.028,   5860.823,    550.357,      0.000!   !END!
8730 ! X =      638.028,   5860.803,    549.525,      0.000!   !END!
8731 ! X =      638.027,   5860.783,    549.159,      0.000!   !END!
8732 ! X =      638.027,   5860.763,    548.893,      0.000!   !END!
8733 ! X =      638.027,   5860.743,    548.626,      0.000!   !END!
8734 ! X =      638.027,   5860.723,    548.359,      0.000!   !END!
8735 ! X =      638.027,   5860.703,    547.998,      0.000!   !END!
8736 ! X =      638.027,   5860.684,    547.132,      0.000!   !END!
8737 ! X =      638.026,   5860.664,    546.283,      0.000!   !END!
8738 ! X =      638.026,   5860.644,    545.451,      0.000!   !END!
8739 ! X =      638.026,   5860.624,    544.635,      0.000!   !END!
8740 ! X =      638.026,   5860.604,    543.799,      0.000!   !END!
8741 ! X =      638.026,   5860.584,    542.930,      0.000!   !END!
8742 ! X =      638.026,   5860.564,    542.060,      0.000!   !END!
8743 ! X =      638.025,   5860.544,    541.190,      0.000!   !END!
8744 ! X =      638.025,   5860.525,    540.320,      0.000!   !END!
8745 ! X =      638.025,   5860.505,    539.827,      0.000!   !END!
8746 ! X =      638.025,   5860.485,    539.413,      0.000!   !END!
8747 ! X =      638.025,   5860.465,    538.993,      0.000!   !END!
8748 ! X =      638.025,   5860.445,    538.567,      0.000!   !END!
8749 ! X =      638.024,   5860.425,    538.111,      0.000!   !END!
8750 ! X =      638.024,   5860.405,    537.496,      0.000!   !END!
8751 ! X =      638.024,   5860.385,    536.864,      0.000!   !END!
8752 ! X =      638.024,   5860.366,    536.215,      0.000!   !END!
8753 ! X =      638.024,   5860.346,    535.550,      0.000!   !END!
8754 ! X =      638.024,   5860.326,    535.052,      0.000!   !END!
8755 ! X =      638.023,   5860.306,    534.764,      0.000!   !END!
8756 ! X =      638.023,   5860.286,    534.493,      0.000!   !END!
8757 ! X =      638.023,   5860.266,    534.253,      0.000!   !END!
8758 ! X =      638.023,   5860.246,    534.040,      0.000!   !END!
8759 ! X =      638.023,   5860.227,    534.000,      0.000!   !END!
8760 ! X =      638.023,   5860.207,    534.000,      0.000!   !END!
8761 ! X =      638.022,   5860.187,    534.000,      0.000!   !END!
8762 ! X =      638.022,   5860.167,    534.000,      0.000!   !END!
8763 ! X =      638.022,   5860.147,    534.000,      0.000!   !END!
8764 ! X =      638.022,   5860.127,    534.000,      0.000!   !END!
8765 ! X =      638.022,   5860.107,    534.000,      0.000!   !END!
8766 ! X =      638.022,   5860.087,    534.000,      0.000!   !END!
8767 ! X =      638.021,   5860.068,    534.000,      0.000!   !END!
8768 ! X =      638.021,   5860.048,    534.000,      0.000!   !END!
8769 ! X =      638.021,   5860.028,    534.000,      0.000!   !END!
8770 ! X =      638.021,   5860.008,    534.000,      0.000!   !END!
8771 ! X =      638.021,   5859.988,    534.000,      0.000!   !END!
8772 ! X =      638.021,   5859.968,    534.000,      0.000!   !END!
8773 ! X =      638.02,    5859.948,    534.270,      0.000!   !END!
8774 ! X =      638.02,    5859.928,    534.596,      0.000!   !END!
8775 ! X =      638.02,    5859.909,    534.911,      0.000!   !END!
8776 ! X =      638.02,    5859.889,    535.214,      0.000!   !END!
8777 ! X =      638.02,    5859.869,    535.422,      0.000!   !END!
8778 ! X =      638.02,    5859.849,    535.089,      0.000!   !END!
8779 ! X =      638.019,   5859.829,    534.766,      0.000!   !END!
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8780 ! X =      638.019,   5859.809,    534.456,     0.000!   !END!
8781 ! X =      638.019,   5859.789,    534.156,     0.000!   !END!
8782 ! X =      638.019,   5859.769,    534.000,     0.000!   !END!
8783 ! X =      638.019,    5859.75,    534.000,     0.000!   !END!
8784 ! X =      638.019,    5859.73,    534.000,     0.000!   !END!
8785 ! X =      638.018,    5859.71,    534.000,     0.000!   !END!
8786 ! X =      638.018,    5859.69,    534.000,     0.000!   !END!
8787 ! X =      638.018,    5859.67,    534.000,     0.000!   !END!
8788 ! X =      638.018,    5859.65,    534.000,     0.000!   !END!
8789 ! X =      638.018,    5859.63,    534.000,     0.000!   !END!
8790 ! X =      638.018,    5859.61,    534.000,     0.000!   !END!
8791 ! X =      638.017,   5859.591,    534.000,     0.000!   !END!
8792 ! X =      638.017,   5859.571,    534.000,     0.000!   !END!
8793 ! X =      638.017,   5859.551,    534.000,     0.000!   !END!
8794 ! X =      638.017,   5859.531,    534.000,     0.000!   !END!
8795 ! X =      638.017,   5859.511,    534.000,     0.000!   !END!
8796 ! X =      638.017,   5859.491,    534.000,     0.000!   !END!
8797 ! X =      638.016,   5859.471,    534.000,     0.000!   !END!
8798 ! X =      638.016,   5859.451,    534.000,     0.000!   !END!
8799 ! X =      638.016,   5859.432,    534.000,     0.000!   !END!
8800 ! X =      638.016,   5859.412,    534.000,     0.000!   !END!
8801 ! X =      638.016,   5859.392,    534.000,     0.000!   !END!
8802 ! X =      638.016,   5859.372,    534.000,     0.000!   !END!
8803 ! X =      638.015,   5859.352,    534.000,     0.000!   !END!
8804 ! X =      638.015,   5859.332,    534.000,     0.000!   !END!
8805 ! X =      638.015,   5859.312,    534.000,     0.000!   !END!
8806 ! X =      638.015,   5859.293,    534.000,     0.000!   !END!
8807 ! X =      638.015,   5859.273,    534.000,     0.000!   !END!
8808 ! X =      638.015,   5859.253,    534.000,     0.000!   !END!
8809 ! X =      638.014,   5859.233,    534.000,     0.000!   !END!
8810 ! X =      638.014,   5859.213,    534.117,     0.000!   !END!
8811 ! X =      638.014,   5859.193,    534.358,     0.000!   !END!
8812 ! X =      638.014,   5859.173,    534.577,     0.000!   !END!
8813 ! X =      638.014,   5859.153,    534.774,     0.000!   !END!
8814 ! X =      638.014,   5859.134,    534.948,     0.000!   !END!
8815 ! X =      638.013,   5859.114,    535.820,     0.000!   !END!
8816 ! X =      638.013,   5859.094,    536.884,     0.000!   !END!
8817 ! X =      638.013,   5859.074,    537.943,     0.000!   !END!
8818 ! X =      638.013,   5859.054,    538.996,     0.000!   !END!
8819 ! X =      638.013,   5859.034,    540.039,     0.000!   !END!
8820 ! X =      638.013,   5859.014,    541.044,     0.000!   !END!
8821 ! X =      638.012,   5858.994,    542.049,     0.000!   !END!
8822 ! X =      638.012,   5858.975,    543.055,     0.000!   !END!
8823 ! X =      638.012,   5858.955,    544.061,     0.000!   !END!
8824 ! X =      638.012,   5858.935,    544.853,     0.000!   !END!
8825 ! X =      638.012,   5858.915,    545.388,     0.000!   !END!
8826 ! X =      638.012,   5858.895,    545.934,     0.000!   !END!
8827 ! X =      638.011,   5858.875,    546.491,     0.000!   !END!
8828 ! X =      638.011,   5858.855,    547.059,     0.000!   !END!
8829 ! X =      638.011,   5858.835,    546.667,     0.000!   !END!
8830 ! X =      638.011,   5858.816,    545.992,     0.000!   !END!
8831 ! X =      638.011,   5858.796,    545.311,     0.000!   !END!
8832 ! X =      638.011,   5858.776,    544.624,     0.000!   !END!
8833 ! X =       638.01,   5858.756,    544.024,     0.000!   !END!
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8834 ! X =        638.01,   5858.736,      544.192,       0.000!   !END!
8835 ! X =        638.01,   5858.716,      544.371,       0.000!   !END!
8836 ! X =        638.01,   5858.696,      544.561,       0.000!   !END!
8837 ! X =        638.01,   5858.676,      544.763,       0.000!   !END!
8838 ! X =        638.01,   5858.657,      545.439,       0.000!   !END!
8839 ! X =       638.009,   5858.637,      546.716,       0.000!   !END!
8840 ! X =       638.009,   5858.617,      547.999,       0.000!   !END!
8841 ! X =        637.99,   5858.596,      548.909,       0.000!   !END!
8842 ! X =       637.971,   5858.594,      548.537,       0.000!   !END!
8843 ! X =       637.951,   5858.593,      547.926,       0.000!   !END!
8844 ! X =       637.932,   5858.592,      546.923,       0.000!   !END!
8845 ! X =       637.913,    5858.59,      545.895,       0.000!   !END!
8846 ! X =       637.894,   5858.589,      545.035,       0.000!   !END!
8847 ! X =       637.874,   5858.588,      544.374,       0.000!   !END!
8848 ! X =       637.855,   5858.586,      543.713,       0.000!   !END!
8849 ! X =       637.836,   5858.585,      543.372,       0.000!   !END!
8850 ! X =       637.817,   5858.583,      543.280,       0.000!   !END!
8851 ! X =       637.797,   5858.582,      543.201,       0.000!   !END!
8852 ! X =       637.778,   5858.581,      543.014,       0.000!   !END!
8853 ! X =       637.759,   5858.579,      542.764,       0.000!   !END!
8854 ! X =        637.74,   5858.578,      542.508,       0.000!   !END!
8855 ! X =        637.72,   5858.577,      542.245,       0.000!   !END!
8856 ! X =       637.701,   5858.575,      541.977,       0.000!   !END!
8857 ! X =       637.682,   5858.574,      541.703,       0.000!   !END!
8858 ! X =       637.663,   5858.573,      541.711,       0.000!   !END!
8859 ! X =       637.643,   5858.571,      541.768,       0.000!   !END!
8860 ! X =       637.624,    5858.57,      541.819,       0.000!   !END!
8861 ! X =       637.605,   5858.569,      540.537,       0.000!   !END!
8862 ! X =       637.586,   5858.567,      539.158,       0.000!   !END!
8863 ! X =       637.566,   5858.566,      537.793,       0.000!   !END!
8864 ! X =       637.547,   5858.564,      536.826,       0.000!   !END!
8865 ! X =       637.528,   5858.563,      535.846,       0.000!   !END!
8866 ! X =       637.509,   5858.562,      534.928,       0.000!   !END!
8867 ! X =       637.489,    5858.56,      534.602,       0.000!   !END!
8868 ! X =        637.47,   5858.539,      534.554,       0.000!   !END!
8869 ! X =       637.469,   5858.519,      534.848,       0.000!   !END!
8870 ! X =       637.469,     5858.5,      535.127,       0.000!   !END!
8871 ! X =       637.468,    5858.48,      535.392,       0.000!   !END!
8872 ! X =       637.468,    5858.46,      535.654,       0.000!   !END!
8873 ! X =       637.468,    5858.44,      535.957,       0.000!   !END!
8874 ! X =       637.467,    5858.42,      536.275,       0.000!   !END!
8875 ! X =       637.467,     5858.4,      536.608,       0.000!   !END!
8876 ! X =       637.467,   5858.381,      536.954,       0.000!   !END!
8877 ! X =       637.466,   5858.361,      537.004,       0.000!   !END!
8878 ! X =       637.466,   5858.341,      536.791,       0.000!   !END!
8879 ! X =       637.465,   5858.321,      536.571,       0.000!   !END!
8880 ! X =       637.465,   5858.301,      536.344,       0.000!   !END!
8881 ! X =       637.465,   5858.282,      536.110,       0.000!   !END!
8882 ! X =       637.464,   5858.262,      535.680,       0.000!   !END!
8883 ! X =       637.464,   5858.242,      535.219,       0.000!   !END!
8884 ! X =       637.464,   5858.222,      534.770,       0.000!   !END!
8885 ! X =       637.463,   5858.202,      534.341,       0.000!   !END!
8886 ! X =       637.463,   5858.182,      534.000,       0.000!   !END!
8887 ! X =       637.462,   5858.163,      534.000,       0.000!   !END!
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8888 ! X =      637.462,    5858.143,    534.000,       0.000!  !END!
8889 ! X =      637.462,    5858.123,    534.000,       0.000!  !END!
8890 ! X =      637.461,    5858.103,    534.000,       0.000!  !END!
8891 ! X =      637.461,    5858.083,    534.000,       0.000!  !END!
8892 ! X =      637.461,    5858.064,    534.000,       0.000!  !END!
8893 ! X =       637.46,    5858.044,    534.000,       0.000!  !END!
8894 ! X =       637.46,    5858.024,    534.000,       0.000!  !END!
8895 ! X =      637.459,    5858.004,    534.000,       0.000!  !END!
8896 ! X =      637.459,    5857.984,    534.137,       0.000!  !END!
8897 ! X =      637.459,    5857.964,    534.299,       0.000!  !END!
8898 ! X =      637.458,    5857.945,    534.454,       0.000!  !END!
8899 ! X =      637.458,    5857.925,    534.601,       0.000!  !END!
8900 ! X =      637.457,    5857.905,    534.701,       0.000!  !END!
8901 ! X =      637.457,    5857.885,    534.534,       0.000!  !END!
8902 ! X =      637.457,    5857.865,    534.375,       0.000!  !END!
8903 ! X =      637.456,    5857.845,    534.222,       0.000!  !END!
8904 ! X =      637.456,    5857.826,    534.077,       0.000!  !END!
8905 ! X =      637.456,    5857.806,    534.000,       0.000!  !END!
8906 ! X =      637.455,    5857.786,    534.000,       0.000!  !END!
8907 ! X =      637.455,    5857.766,    534.000,       0.000!  !END!
8908 ! X =      637.454,    5857.746,    534.000,       0.000!  !END!
8909 ! X =      637.454,    5857.727,    534.000,       0.000!  !END!
8910 ! X =      637.454,    5857.707,    534.091,       0.000!  !END!
8911 ! X =      637.453,    5857.687,    534.202,       0.000!  !END!
8912 ! X =      637.453,    5857.667,    534.307,       0.000!  !END!
8913 ! X =      637.453,    5857.647,    534.405,       0.000!  !END!
8914 ! X =      637.452,    5857.627,    534.512,       0.000!  !END!
8915 ! X =      637.452,    5857.608,    534.796,       0.000!  !END!
8916 ! X =      637.451,    5857.588,    535.057,       0.000!  !END!
8917 ! X =      637.451,    5857.568,    535.297,       0.000!  !END!
8918 ! X =      637.451,    5857.548,    535.516,       0.000!  !END!
8919 ! X =       637.45,    5857.528,    535.747,       0.000!  !END!
8920 ! X =       637.45,    5857.509,    536.004,       0.000!  !END!
8921 ! X =      637.449,    5857.489,    536.232,       0.000!  !END!
8922 ! X =      637.449,    5857.469,    536.431,       0.000!  !END!
8923 ! X =      637.449,    5857.449,    536.601,       0.000!  !END!
8924 ! X =      637.448,    5857.429,    536.401,       0.000!  !END!
8925 ! X =      637.448,    5857.409,    536.081,       0.000!  !END!
8926 ! X =      637.448,     5857.39,    535.783,       0.000!  !END!
8927 ! X =      637.447,     5857.37,    535.506,       0.000!  !END!
8928 ! X =      637.447,     5857.35,    535.254,       0.000!  !END!
8929 ! X =      637.446,     5857.33,    535.121,       0.000!  !END!
8930 ! X =      637.446,     5857.31,    534.994,       0.000!  !END!
8931 ! X =      637.446,    5857.291,    534.874,       0.000!  !END!
8932 ! X =      637.445,    5857.271,    534.762,       0.000!  !END!
8933 ! X =      637.445,    5857.251,    534.644,       0.000!  !END!
8934 ! X =      637.445,    5857.231,    534.515,       0.000!  !END!
8935 ! X =      637.444,    5857.211,    534.400,       0.000!  !END!
8936 ! X =      637.444,    5857.191,    534.300,       0.000!  !END!
8937 ! X =      637.443,    5857.172,    534.214,       0.000!  !END!
8938 ! X =      637.443,    5857.152,    534.155,       0.000!  !END!
8939 ! X =      637.443,    5857.132,    534.109,       0.000!  !END!
8940 ! X =      637.442,    5857.112,    534.071,       0.000!  !END!
8941 ! X =      637.442,    5857.092,    534.040,       0.000!  !END!
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8942 ! X =      637.442,   5857.073,    534.016,      0.000!   !END!
8943 ! X =      637.441,   5857.053,    534.000,      0.000!   !END!
8944 ! X =      637.441,   5857.033,    534.000,      0.000!   !END!
8945 ! X =       637.44,   5857.013,    534.000,      0.000!   !END!
8946 ! X =       637.44,   5856.993,    534.000,      0.000!   !END!
8947 ! X =       637.44,   5856.973,    534.000,      0.000!   !END!
8948 ! X =      637.439,   5856.954,    534.000,      0.000!   !END!
8949 ! X =      637.439,   5856.934,    534.000,      0.000!   !END!
8950 ! X =      637.438,   5856.914,    534.000,      0.000!   !END!
8951 ! X =      637.438,   5856.894,    534.000,      0.000!   !END!
8952 ! X =      637.438,   5856.874,    534.000,      0.000!   !END!
8953 ! X =      637.437,   5856.854,    534.000,      0.000!   !END!
8954 ! X =      637.437,   5856.835,    534.000,      0.000!   !END!
8955 ! X =      637.437,   5856.815,    534.000,      0.000!   !END!
8956 ! X =      637.436,   5856.795,    534.000,      0.000!   !END!
8957 ! X =      637.436,   5856.775,    534.000,      0.000!   !END!
8958 ! X =      637.435,   5856.755,    534.000,      0.000!   !END!
8959 ! X =      637.435,   5856.736,    534.000,      0.000!   !END!
8960 ! X =      637.435,   5856.716,    534.000,      0.000!   !END!
8961 ! X =      637.434,   5856.696,    534.017,      0.000!   !END!
8962 ! X =      637.434,   5856.676,    534.086,      0.000!   !END!
8963 ! X =      637.434,   5856.656,    534.162,      0.000!   !END!
8964 ! X =      637.433,   5856.636,    534.246,      0.000!   !END!
8965 ! X =      637.433,   5856.617,    534.336,      0.000!   !END!
8966 ! X =      637.432,   5856.597,    534.387,      0.000!   !END!
8967 ! X =      637.413,   5856.582,    534.747,      0.000!   !END!
8968 ! X =      637.393,   5856.586,    535.314,      0.000!   !END!
8969 ! X =      637.374,   5856.591,    536.449,      0.000!   !END!
8970 ! X =      637.354,   5856.596,    537.508,      0.000!   !END!
8971 ! X =      637.335,    5856.6,     538.224,      0.000!   !END!
8972 ! X =      637.315,   5856.605,    538.454,      0.000!   !END!
8973 ! X =      637.296,    5856.61,    538.526,      0.000!   !END!
8974 ! X =      637.276,   5856.615,    538.593,      0.000!   !END!
8975 ! X =      637.257,   5856.619,    538.722,      0.000!   !END!
8976 ! X =      637.238,   5856.624,    538.891,      0.000!   !END!
8977 ! X =      637.218,   5856.629,    538.992,      0.000!   !END!
8978 ! X =      637.199,   5856.633,    538.982,      0.000!   !END!
8979 ! X =      637.179,   5856.638,    538.933,      0.000!   !END!
8980 ! X =       637.16,   5856.643,    539.042,      0.000!   !END!
8981 ! X =       637.14,   5856.647,    539.290,      0.000!   !END!
8982 ! X =      637.121,   5856.652,    539.579,      0.000!   !END!
8983 ! X =      637.101,   5856.657,    540.153,      0.000!   !END!
8984 ! X =      637.082,   5856.661,    540.863,      0.000!   !END!
8985 ! X =      637.063,   5856.666,    541.611,      0.000!   !END!
8986 ! X =      637.043,   5856.671,    542.235,      0.000!   !END!
8987 ! X =      637.024,   5856.676,    542.788,      0.000!   !END!
8988 ! X =      637.004,    5856.68,    543.304,      0.000!   !END!
8989 ! X =      636.985,   5856.685,    544.389,      0.000!   !END!
8990 ! X =      636.965,    5856.69,    545.526,      0.000!   !END!
8991 ! X =      636.946,   5856.694,    546.612,      0.000!   !END!
8992 ! X =      636.927,   5856.699,    546.427,      0.000!   !END!
8993 ! X =      636.907,   5856.704,    546.313,      0.000!   !END!
8994 ! X =      636.888,   5856.708,    546.048,      0.000!   !END!
8995 ! X =      636.868,   5856.713,    543.367,      0.000!   !END!
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8996 ! X =       636.849,    5856.718,    540.647,        0.000!   !END!
8997 ! X =       636.829,    5856.722,    538.075,        0.000!   !END!
8998 ! X =        636.81,    5856.727,    536.449,        0.000!   !END!
8999 ! X =        636.79,    5856.732,    534.978,        0.000!   !END!
9000 ! X =       636.771,    5856.736,    534.000,        0.000!   !END!
9001 ! X =       636.752,    5856.741,    534.000,        0.000!   !END!
9002 ! X =       636.732,    5856.746,    534.000,        0.000!   !END!
9003 ! X =       636.713,    5856.751,    534.000,        0.000!   !END!
9004 ! X =       636.693,    5856.755,    534.000,        0.000!   !END!
9005 ! X =       636.674,     5856.76,    534.000,        0.000!   !END!
9006 ! X =       636.654,    5856.765,    534.000,        0.000!   !END!
9007 ! X =       636.635,    5856.769,    534.000,        0.000!   !END!
9008 ! X =       636.615,    5856.774,    534.000,        0.000!   !END!
9009 ! X =       636.596,    5856.779,    534.000,        0.000!   !END!
9010 ! X =       636.577,    5856.783,    534.000,        0.000!   !END!
9011 ! X =       636.557,    5856.788,    534.000,        0.000!   !END!
9012 ! X =       636.538,    5856.793,    534.000,        0.000!   !END!
9013 ! X =       636.518,    5856.797,    534.000,        0.000!   !END!
9014 ! X =       636.499,    5856.802,    534.000,        0.000!   !END!
9015 ! X =       636.479,    5856.807,    534.000,        0.000!   !END!
9016 ! X =        636.46,    5856.812,    534.000,        0.000!   !END!
9017 ! X =        636.44,    5856.816,    534.000,        0.000!   !END!
9018 ! X =       636.421,    5856.821,    534.000,        0.000!   !END!
9019 ! X =       636.402,    5856.826,    534.000,        0.000!   !END!
9020 ! X =       636.382,     5856.83,    534.000,        0.000!   !END!
9021 ! X =       636.363,    5856.835,    534.000,        0.000!   !END!
9022 ! X =       636.343,      5856.84,    534.000,        0.000!   !END!
9023 ! X =       636.324,    5856.844,    534.000,        0.000!   !END!
9024 ! X =       636.304,    5856.849,    534.021,        0.000!   !END!
9025 ! X =       636.285,    5856.854,    534.002,        0.000!   !END!
9026 ! X =       636.266,    5856.858,    534.000,        0.000!   !END!
9027 ! X =       636.246,    5856.863,    534.000,        0.000!   !END!
9028 ! X =       636.227,    5856.868,    534.000,        0.000!   !END!
9029 ! X =       636.207,    5856.872,    534.049,        0.000!   !END!
9030 ! X =       636.188,    5856.877,    534.293,        0.000!   !END!
9031 ! X =       636.168,    5856.882,    534.499,        0.000!   !END!
9032 ! X =       636.149,    5856.887,    535.043,        0.000!   !END!
9033 ! X =       636.129,    5856.891,    536.547,        0.000!   !END!
9034 ! X =        636.11,    5856.896,    538.011,        0.000!   !END!
9035 ! X =       636.091,    5856.901,    539.759,        0.000!   !END!
9036 ! X =       636.071,    5856.905,    542.052,        0.000!   !END!
9037 ! X =       636.052,     5856.91,    544.347,        0.000!   !END!
9038 ! X =       636.032,    5856.915,    546.368,        0.000!   !END!
9039 ! X =       636.013,    5856.919,    548.039,        0.000!   !END!
9040 ! X =       635.993,    5856.924,    549.670,        0.000!   !END!
9041 ! X =       635.974,    5856.929,    551.225,        0.000!   !END!
9042 ! X =       635.954,    5856.933,    552.771,        0.000!   !END!
9043 ! X =       635.935,    5856.938,    554.343,        0.000!   !END!
9044 ! X =       635.916,    5856.943,    555.894,        0.000!   !END!
9045 ! X =       635.896,    5856.948,    557.444,        0.000!   !END!
9046 ! X =       635.877,    5856.952,    558.993,        0.000!   !END!
9047 ! X =       635.857,    5856.957,    561.047,        0.000!   !END!
9048 ! X =       635.838,    5856.962,    563.284,        0.000!   !END!
9049 ! X =       635.818,    5856.966,    565.522,        0.000!   !END!
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9050 ! X =      635.799,   5856.971,    567.025,       0.000!  !END!
9051 ! X =      635.779,   5856.976,    568.407,       0.000!  !END!
9052 ! X =       635.76,    5856.98,    569.827,       0.000!  !END!
9053 ! X =      635.741,   5856.985,    570.972,       0.000!  !END!
9054 ! X =      635.721,    5856.99,    572.126,       0.000!  !END!
9055 ! X =      635.702,   5856.994,    573.318,       0.000!  !END!
9056 ! X =      635.682,   5856.999,    574.381,       0.000!  !END!
9057 ! X =      635.663,   5857.004,    575.404,       0.000!  !END!
9058 ! X =      635.643,   5857.009,    576.476,       0.000!  !END!
9059 ! X =      635.624,   5857.013,    578.372,       0.000!  !END!
9060 ! X =      635.604,   5857.018,    580.346,       0.000!  !END!
9061 ! X =      635.585,   5857.023,    582.048,       0.000!  !END!
9062 ! X =      635.566,   5857.027,    582.633,       0.000!  !END!
9063 ! X =      635.546,   5857.032,    583.295,       0.000!  !END!
9064 ! X =      635.527,   5857.037,    584.191,       0.000!  !END!
9065 ! X =      635.507,   5857.041,    585.510,       0.000!  !END!
9066 ! X =      635.488,   5857.046,    586.828,       0.000!  !END!
9067 ! X =      635.468,   5857.051,    588.181,       0.000!  !END!
9068 ! X =      635.449,   5857.055,    589.539,       0.000!  !END!
9069 ! X =       635.43,    5857.06,    590.818,       0.000!  !END!
9070 ! X =       635.41,   5857.065,    592.043,       0.000!  !END!
9071 ! X =      635.391,   5857.069,    593.331,       0.000!  !END!
9072 ! X =      635.371,   5857.074,    594.697,       0.000!  !END!
9073 ! X =      635.352,   5857.079,    595.621,       0.000!  !END!
9074 ! X =      635.332,   5857.084,    596.182,       0.000!  !END!
9075 ! X =      635.313,   5857.088,    596.781,       0.000!  !END!
9076 ! X =      635.293,   5857.093,    597.168,       0.000!  !END!
9077 ! X =      635.274,   5857.098,    597.490,       0.000!  !END!
9078 ! X =      635.255,   5857.102,    597.890,       0.000!  !END!
9079 ! X =      635.235,   5857.107,    598.356,       0.000!  !END!
9080 ! X =      635.216,   5857.112,    598.862,       0.000!  !END!
9081 ! X =      635.196,   5857.116,    599.407,       0.000!  !END!
9082 ! X =      635.177,   5857.121,    600.154,       0.000!  !END!
9083 ! X =      635.157,   5857.126,    600.902,       0.000!  !END!
9084 ! X =      635.138,    5857.13,    601.611,       0.000!  !END!
9085 ! X =      635.118,   5857.135,    601.766,       0.000!  !END!
9086 ! X =      635.099,    5857.14,    601.879,       0.000!  !END!
9087 ! X =       635.08,   5857.145,    601.992,       0.000!  !END!
9088 ! X =       635.06,   5857.149,    602.142,       0.000!  !END!
9089 ! X =      635.041,   5857.154,    602.369,       0.000!  !END!
9090 ! X =      635.021,   5857.159,    602.636,       0.000!  !END!
9091 ! X =      635.002,   5857.163,    602.611,       0.000!  !END!
9092 ! X =      634.982,   5857.168,    602.548,       0.000!  !END!
9093 ! X =      634.963,   5857.173,    602.573,       0.000!  !END!
9094 ! X =      634.943,   5857.177,    603.086,       0.000!  !END!
9095 ! X =      634.924,   5857.182,    603.599,       0.000!  !END!
9096 ! X =      634.905,   5857.187,    604.007,       0.000!  !END!
9097 ! X =      634.885,   5857.191,    604.094,       0.000!  !END!
9098 ! X =      634.866,   5857.196,    604.141,       0.000!  !END!
9099 ! X =      634.846,   5857.201,    604.018,       0.000!  !END!
9100 ! X =      634.827,   5857.206,    603.644,       0.000!  !END!
9101 ! X =      634.807,    5857.21,    603.231,       0.000!  !END!
9102 ! X =      634.788,   5857.215,    602.672,       0.000!  !END!
9103 ! X =      634.769,    5857.22,    601.984,       0.000!  !END!
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9104 ! X =      634.749,   5857.224,   601.296,      0.000!  !END!
9105 ! X =      634.73,    5857.229,   600.613,      0.000!  !END!
9106 ! X =      634.71,    5857.234,   599.994,      0.000!  !END!
9107 ! X =      634.691,   5857.238,   599.452,      0.000!  !END!
9108 ! X =      634.671,   5857.243,   599.207,      0.000!  !END!
9109 ! X =      634.652,   5857.248,   599.053,      0.000!  !END!
9110 ! X =      634.632,   5857.252,   598.861,      0.000!  !END!
9111 ! X =      634.613,   5857.257,   598.513,      0.000!  !END!
9112 ! X =      634.594,   5857.262,   598.190,      0.000!  !END!
9113 ! X =      634.574,   5857.266,   597.945,      0.000!  !END!
9114 ! X =      634.555,   5857.271,   597.715,      0.000!  !END!
9115 ! X =      634.535,   5857.276,   597.413,      0.000!  !END!
9116 ! X =      634.516,   5857.281,   597.150,      0.000!  !END!
9117 ! X =      634.496,   5857.285,   597.511,      0.000!  !END!
9118 ! X =      634.477,    5857.29,   597.911,      0.000!  !END!
9119 ! X =      634.457,   5857.295,   598.304,      0.000!  !END!
9120 ! X =      634.438,   5857.299,   598.484,      0.000!  !END!
9121 ! X =      634.419,   5857.304,   598.703,      0.000!  !END!
9122 ! X =      634.399,   5857.309,   598.940,      0.000!  !END!
9123 ! X =      634.38,    5857.313,   599.053,      0.000!  !END!
9124 ! X =      634.36,    5857.318,   599.166,      0.000!  !END!
9125 ! X =      634.341,   5857.323,   599.326,      0.000!  !END!
9126 ! X =      634.321,   5857.327,   599.682,      0.000!  !END!
9127 ! X =      634.302,   5857.332,   600.077,      0.000!  !END!
9128 ! X =      634.282,   5857.337,   600.551,      0.000!  !END!
9129 ! X =      634.263,   5857.342,   601.105,      0.000!  !END!
9130 ! X =      634.244,   5857.346,   601.619,      0.000!  !END!
9131 ! X =      634.224,   5857.351,   602.223,      0.000!  !END!
9132 ! X =      634.205,   5857.356,   602.980,      0.000!  !END!
9133 ! X =      634.185,    5857.36,   603.665,      0.000!  !END!
9134 ! X =      634.166,   5857.365,   604.218,      0.000!  !END!
9135 ! X =      634.146,    5857.37,   604.721,      0.000!  !END!
9136 ! X =      634.127,   5857.374,   605.301,      0.000!  !END!
9137 ! X =      634.107,   5857.379,   606.033,      0.000!  !END!
9138 ! X =      634.088,   5857.384,   606.833,      0.000!  !END!
9139 ! X =      634.069,   5857.388,   607.634,      0.000!  !END!
9140 ! X =      634.049,   5857.393,   608.547,      0.000!  !END!
9141 ! X =      634.03,    5857.398,   609.547,      0.000!  !END!
9142 ! X =      634.01,    5857.403,   610.586,      0.000!  !END!
9143 ! X =      633.991,   5857.407,   611.135,      0.000!  !END!
9144 ! X =      633.971,   5857.412,   611.563,      0.000!  !END!
9145 ! X =      633.952,   5857.417,   612.030,      0.000!  !END!
9146 ! X =      633.933,   5857.421,   612.727,      0.000!  !END!
9147 ! X =      633.913,   5857.426,   613.566,      0.000!  !END!
9148 ! X =      633.894,   5857.431,   614.522,      0.000!  !END!
9149 ! X =      633.874,   5857.435,   614.947,      0.000!  !END!
9150 ! X =      633.855,    5857.44,   615.179,      0.000!  !END!
9151 ! X =      633.835,   5857.445,   615.409,      0.000!  !END!
9152 ! X =      633.816,   5857.449,   615.403,      0.000!  !END!
9153 ! X =      633.796,   5857.454,   615.475,      0.000!  !END!
9154 ! X =      633.777,   5857.459,   615.645,      0.000!  !END!
9155 ! X =      633.758,   5857.463,   615.984,      0.000!  !END!
9156 ! X =      633.738,   5857.468,   616.322,      0.000!  !END!
9157 ! X =      633.719,   5857.473,   616.660,      0.000!  !END!
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9158 ! X =      633.699,      5857.478,      616.998,      0.000!   !END!
9159 ! X =      633.68,       5857.482,      617.336,      0.000!   !END!
9160 ! X =      633.66,       5857.487,      617.674,      0.000!   !END!
9161 ! X =      633.641,      5857.492,      618.012,      0.000!   !END!
9162 ! X =      633.621,      5857.496,      618.350,      0.000!   !END!
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Attachment 2

Discrete Receptor Locations and Model Predictions

Table 1   Discrete Receptor Locations - Communities and Cabins

ID	X	Y	Z
	(m)	(m)	(m)
Wabush North	643,450	5,862,878	561
Wabush South	644,629	5,861,476	563
Labrador City South	640,162	5,866,713	531
Labrador City West	637,554	5,866,543	538
Long Lake North	634,974	5,861,752	543
Long Lake South	636,197	5,857,258	543
Fermont	629,544	5,851,406	599
0	633,083	5,866,320	649
1	632,816	5,866,293	629
2	633,083	5,866,274	640
3	632,803	5,865,856	629
4	632,788	5,865,777	632
5	630,560	5,865,758	584
6	632,723	5,865,654	635
7	632,593	5,865,609	630
8	631,995	5,865,579	637
9	632,088	5,865,468	638
10	631,334	5,865,438	572
11	630,822	5,865,296	567
12	630,743	5,865,135	568
13	630,527	5,865,041	563
14	630,775	5,865,024	567
15	630,854	5,864,944	566
16	630,927	5,864,868	565
17	630,948	5,864,795	564
18	631,011	5,864,755	564
19	631,072	5,864,702	564
20	631,312	5,864,648	564
21	631,178	5,864,533	564
22	631,410	5,864,529	563
23	631,253	5,864,485	564
24	631,397	5,864,437	561
25	631,473	5,864,376	559
26	631,623	5,864,288	560
27	631,686	5,864,270	561
28	631,799	5,864,167	561
29	631,873	5,864,079	561
30	633,618	5,862,621	549
31	634,773	5,862,619	545
32	634,658	5,862,053	564
33	634,689	5,862,020	561
34	634,545	5,862,006	562
35	634,717	5,861,985	556
36	634,576	5,861,972	563

Table 1   Discrete Receptor Locations - Communities and Cabins

ID	X (m)	Y (m)	Z (m)
37	634,748	5,861,952	552
38	634,624	5,861,855	561
36	632,662	5,861,852	580
40	634,868	5,861,800	551
41	634,663	5,861,775	561
42	634,783	5,861,769	561
43	634,680	5,861,730	561
44	634,916	5,861,686	551
45	634,697	5,861,685	561
46	634,822	5,861,663	561
47	634,931	5,861,642	550
48	632,660	5,861,637	579
49	634,721	5,861,624	561
50	634,840	5,861,618	561
51	634,945	5,861,599	548
52	634,738	5,861,579	561
53	634,857	5,861,572	561
54	634,960	5,861,556	547
55	634,755	5,861,533	560
56	634,874	5,861,527	558
57	634,975	5,861,512	546
58	634,772	5,861,488	558
59	634,891	5,861,482	555
60	635,006	5,861,460	545
61	634,790	5,861,443	557
62	634,912	5,861,427	552
63	635,032	5,861,421	544
34	634,810	5,861,388	555
65	635,058	5,861,382	543
66	634,929	5,861,382	550
67	634,828	5,861,343	554
68	635,088	5,861,343	543
69	634,947	5,861,336	549
70	635,163	5,861,320	543
71	635,073	5,861,288	543
72	634,982	5,861,253	547
73	634,761	5,861,126	557
74	635,018	5,861,099	545
75	635,611	5,861,093	543
76	635,023	5,861,006	546
77	635,073	5,860,911	546
78	635,206	5,860,664	547
79	634,861	5,860,631	570
80	635,214	5,860,619	546

Table 1   Discrete Receptor Locations - Communities and Cabins

ID	X	Y	Z
	(m)	(m)	(m)
81	635,231	5,860,581	544
82	635,704	5,860,577	548
83	635,676	5,860,502	558
84	635,580	5,860,443	549
85	638,019	5,860,388	543
86	634,393	5,860,172	643
87	638,093	5,860,146	543
88	634,622	5,859,969	589
89	638,102	5,859,905	545
90	638,192	5,859,586	543
91	636,201	5,859,557	545
92	636,529	5,859,515	543
94	634,464	5,859,496	589
95	634,777	5,859,478	626
96	636,277	5,859,438	543
97	636,524	5,859,391	544
98	638,167	5,859,305	543
99	636,628	5,859,166	543
100	638,070	5,859,075	543
101	636,236	5,858,861	546
102	637,983	5,858,799	543
103	636,380	5,858,701	543
104	637,711	5,858,687	543
105	637,599	5,858,641	543
106	636,570	5,858,507	543
107	636,400	5,858,414	543
108	637,382	5,858,388	543
110	641,249	5,858,293	594
111	640,975	5,858,269	592
112	641,266	5,858,203	595
113	636,109	5,858,202	544
114	636,116	5,858,128	544
115	641,248	5,858,108	594
116	637,550	5,858,107	544
117	637,543	5,858,027	544
118	636,131	5,857,995	543
120	640,796	5,857,936	594
121	641,130	5,857,924	594
122	636,301	5,857,904	543
123	636,148	5,857,893	543
124	640,774	5,857,810	595
126	636,113	5,857,729	544
127	636,444	5,857,703	543
128	636,066	5,857,526	544

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Table 1   Discrete Receptor Locations - Communities and Cabins

ID	X	Y	Z
	(m)	(m)	(m)
129	643,391	5,857,446	594
130	637,499	5,857,396	545
131	635,991	5,857,371	545
132	641,622	5,857,347	593
133	641,656	5,857,306	594
134	641,844	5,857,293	594
135	636,068	5,857,261	543
136	636,066	5,857,104	545
137	641,955	5,857,073	601
138	636,878	5,856,842	543
139	636,065	5,856,836	546
140	636,188	5,856,722	543
141	637,229	5,856,649	543
142	636,280	5,856,604	544
143	636,313	5,856,500	550
144	636,303	5,856,366	554
145	636,188	5,856,225	567
146	636,367	5,856,213	547
147	634,627	5,856,095	594
148	645,023	5,856,082	557
149	634,576	5,856,038	594
150	636,836	5,855,967	545
151	634,619	5,855,965	594
152	645,054	5,855,877	555
153	634,622	5,855,848	597
154	637,016	5,855,764	552
155	645,094	5,855,755	552
156	645,902	5,853,554	564
157	645,032	5,855,679	552
158	636,633	5,855,664	564
159	645,525	5,855,607	562
160	645,558	5,855,437	560
161	644,971	5,855,434	552
162	645,611	5,855,383	563
163	644,881	5,855,374	553
164	645,676	5,855,333	565
165	645,842	5,855,148	559
166	644,938	5,855,132	553
167	641,869	5,855,100	594
168	637,501	5,854,944	554
169	645,499	5,854,934	552
170	637,576	5,854,824	556
171	646,066	5,854,756	563
172	645,343	5,854,706	552

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Table 1   Discrete Receptor Locations - Communities and Cabins

ID	X	Y	Z
	(m)	(m)	(m)
173	645,390	5,854,571	552
174	645,992	5,854,449	561
175	645,920	5,854,238	564
176	637,586	5,854,068	548
177	645,829	5,853,962	560
178	646,136	5,853,275	564
179	634,698	5,853,212	597
180	634,714	5,853,168	597
181	634,638	5,852,915	597
182	646,057	5,852,685	564
183	646,462	5,852,635	564
184	633,525	5,852,608	612
185	646,021	5,852,581	564
186	646,477	5,852,570	564
187	642,942	5,852,298	576
188	646,093	5,852,133	564
189	647,192	5,851,877	565
191	634,770	5,851,654	599
192	635,093	5,851,149	600
193	635,159	5,851,033	600
194	632,343	5,850,722	609
195	633,178	5,850,612	620
196	635,564	5,850,007	600
197	636,007	5,849,937	600
198	635,820	5,849,699	600
199	635,202	5,848,929	617
200	634,889	5,848,673	623
201	634,292	5,848,201	624
202	640,191	5,848,123	575
203	629,344	5,854,427	597
204	629,422	5,853,847	597
205	627,691	5,850,041	597
206	625,639	5,849,087	562
207	627,321	5,850,452	613
208	627,475	5,845,145	584
209	628,641	5,853,930	687
210	629,624	5,851,609	597
211	630,395	5,858,877	625
212	625,744	5,848,127	606
213	626,470	5,847,195	626
214	630,979	5,856,090	669
215	626,960	5,846,465	586
216	626,398	5,845,802	641
217	627,268	5,846,350	582

Table 1   Discrete Receptor Locations - Communities and Cabins

ID	X (m)	Y (m)	Z (m)
218	629,595	5,846,331	597
219	628,841	5,847,795	597
220	630,944	5,846,627	652
221	632,031	5,846,743	654
222	631,845	5,847,377	654
223	631,583	5,845,610	640
224	627,191	5,847,137	582
225	624,771	5,850,982	474
226	625,639	5,849,087	562
227	627,120	5,847,207	592
228	627,475	5,845,145	584
229	627,475	5,845,145	584
230	627,120	5,847,207	592
231	627,655	5,856,981	638
232	630,187	5,845,854	639
233	625,856	5,847,972	642
234	630,295	5,858,777	623
235	627,120	5,847,207	592
236	630,976	5,846,537	651
237	627,655	5,856,981	638
238	624,619	5,852,675	446
239	627,745	5,844,426	581
240	627,745	5,844,426	581
241	627,475	5,845,145	584
242	629,397	5,857,770	597
243	627,475	5,845,145	584
244	627,736	5,849,689	597
245	627,120	5,847,207	592
246	628,899	5,847,940	597
247	625,895	5,847,727	634
248	628,989	5,844,865	656
249	627,056	5,845,575	589
250	629,583	5,852,490	599
251	626,060	5,856,743	710
252	625,495	5,857,026	556
253	627,721	5,845,157	582
254	627,545	5,858,027	637
255	624,924	5,848,049	434
256	629,215	5,847,839	602
257	627,655	5,856,981	638
258	629,558	5,851,491	599
259	627,344	5,858,827	644
260	629,623	5,851,695	598
261	631,219	5,845,979	654

Table 1   Discrete Receptor Locations - Communities and Cabins

ID	X	Y	Z
	(m)	(m)	(m)
262	628,932	5,852,049	628
263	623,768	5,852,687	251
264	631,644	5,845,627	639
265	627,120	5,847,207	592
266	628,312	5,851,912	609
267	631,645	5,848,427	654
268	623,052	5,848,969	131
269	627,012	5,846,165	586
270	623,460	5,850,439	199
271	626,378	5,851,047	627
272	624,523	5,850,735	428
273	628,744	5,853,327	659
274	627,720	5,854,277	629
275	628,295	5,858,327	666
276	628,295	5,853,877	636
277	624,144	5,849,577	356
278	629,460	5,851,162	601
307	634,679	5,855,603	597
306	637,799	5,857,049	559

Table 2 Maximum Predicted Ground Level Concentrations at Discrete Receptor Locations

Receptor ID	UTM Coordinates (km)		Predicted Ground Level Concentrations (µg/m³)																	
	Easting	Northing	tsp_1hr	tsp_24hr	tsp_annual	pm_{10}_1hr	pm_{10}_24hr	pm_{10}_annual	$pm_{2.5}$_1hr	$pm_{2.5}$_24hr	$pm_{2.5}$_annual	so_2_1hr	so_2_3hr	so_2_24hr	so_2_annual	no_x_1hr	no_x_24hr	no_x_annual	co_1hr	co_8hr
Wabush North	643.45	5862.878	4.870E+01	1.372E+01	6.430E-01	4.680E+01	1.143E+01	5.524E-01	3.702E+01	7.142E+00	3.605E-01	1.468E+01	7.937E+00	2.857E+00	1.166E-01	3.621E+01	1.120E+01	5.529E-01	19.0640	12.7540
Wabush South	644.629	5861.476	3.763E+01	9.963E+00	5.975E-01	3.665E+01	8.578E+00	5.071E-01	2.771E+01	5.169E+00	3.231E-01	1.106E+01	7.496E+00	1.897E+00	1.125E-01	3.729E+01	1.189E+01	5.491E-01	21.0310	13.8440
Labrador City South	640.162	5866.713	2.645E+01	5.609E+00	4.541E-01	2.515E+01	4.891E+00	3.845E-01	1.687E+01	2.954E+00	2.509E-01	8.395E+00	6.192E+00	1.476E+00	8.576E-02	2.340E+01	5.888E+00	4.178E-01	12.6840	5.7645
Labrador City West	637.554	5866.543	2.316E+01	6.032E+00	4.975E-01	2.175E+01	5.356E+00	4.169E-01	1.418E+01	3.430E+00	2.676E-01	7.532E+00	7.020E+00	2.251E+00	9.803E-02	2.396E+01	4.417E+00	5.110E-01	12.8610	5.7322
Long Lake North	634.974	5861.752	4.224E+01	1.214E+01	9.601E-01	3.835E+01	1.035E+01	7.766E-01	2.681E+01	6.934E+00	4.981E-01	1.139E+01	7.626E+00	2.613E+00	1.353E-01	3.463E+01	7.347E+00	8.953E-01	18.6450	7.8944
Long Lake South	636.197	5857.258	1.613E+02	3.572E+01	3.635E+00	1.459E+02	2.994E+01	2.671E+00	1.223E+02	2.522E+01	1.921E+00	4.485E+01	2.298E+01	6.981E+00	4.375E-01	5.432E+01	1.364E+01	2.277E+00	27.5210	12.0480
Fermont	629.544	5851.406	4.772E+01	1.144E+01	5.180E-01	4.245E+01	1.028E+01	4.478E-01	2.589E+01	5.935E+00	2.765E-01	2.361E+01	1.039E+01	2.914E+00	8.866E-02	5.770E+01	1.333E+01	6.580E-01	30.2960	17.5210
0	633.083	5866.32	8.15E+01	9.72E+00	5.72E-01	7.62E+01	8.82E+00	4.87E-01	4.86E+01	5.58E+00	3.04E-01	2.34E+01	1.44E+01	2.89E+00	1.44E-01	8.67E+01	1.08E+01	7.03E-01	4.44E+01	1.47E+01
1	632.816	5866.293	7.96E+01	9.60E+00	5.53E-01	7.48E+01	8.73E+00	4.72E-01	4.77E+01	5.51E+00	2.93E-01	2.12E+01	1.36E+01	3.26E+00	1.36E-01	6.45E+01	9.43E+00	6.61E-01	3.31E+01	1.41E+01
2	633.083	5866.274	8.27E+01	9.73E+00	5.73E-01	7.74E+01	8.83E+00	4.88E-01	4.93E+01	5.58E+00	3.04E-01	2.33E+01	1.37E+01	2.82E+00	1.43E-01	7.80E+01	1.00E+01	6.94E-01	4.00E+01	1.45E+01
3	632.803	5865.856	9.23E+01	1.01E+01	5.96E-01	8.68E+01	9.21E+00	5.08E-01	5.59E+01	5.84E+00	3.16E-01	2.33E+01	1.61E+01	3.87E+00	1.44E-01	7.03E+01	1.07E+01	7.16E-01	3.61E+01	1.48E+01
4	632.788	5865.777	9.33E+01	1.02E+01	6.07E-01	8.76E+01	9.31E+00	5.18E-01	5.65E+01	5.91E+00	3.22E-01	2.37E+01	1.66E+01	4.01E+00	1.48E-01	8.04E+01	1.14E+01	7.45E-01	4.13E+01	1.52E+01
5	630.56	5865.758	3.94E+01	8.39E+00	4.24E-01	3.74E+01	7.44E+00	3.68E-01	2.49E+01	4.44E+00	2.26E-01	9.81E+00	7.89E+00	2.32E+00	9.11E-02	4.08E+01	8.86E+00	5.34E-01	2.18E+01	1.11E+01
6	632.723	5865.654	9.49E+01	1.04E+01	6.19E-01	8.90E+01	9.43E+00	5.28E-01	5.79E+01	5.98E+00	3.28E-01	2.41E+01	1.71E+01	4.23E+00	1.51E-01	8.66E+01	1.20E+01	7.69E-01	4.45E+01	1.55E+01
7	632.593	5865.609	9.44E+01	1.04E+01	6.12E-01	8.89E+01	9.43E+00	5.23E-01	5.79E+01	5.97E+00	3.24E-01	2.38E+01	1.68E+01	4.29E+00	1.49E-01	7.59E+01	1.18E+01	7.54E-01	3.90E+01	1.51E+01
8	631.995	5865.579	9.18E+01	1.05E+01	5.94E-01	8.69E+01	9.51E+00	5.10E-01	5.62E+01	5.97E+00	3.17E-01	2.09E+01	1.23E+01	3.85E+00	1.47E-01	8.64E+01	1.31E+01	7.89E-01	4.44E+01	1.77E+01
9	632.088	5865.468	9.38E+01	1.06E+01	6.09E-01	8.87E+01	9.62E+00	5.22E-01	5.76E+01	6.05E+00	3.24E-01	2.16E+01	1.27E+01	3.93E+00	1.51E-01	8.73E+01	1.33E+01	8.03E-01	4.48E+01	1.80E+01
10	631.334	5865.438	4.61E+01	8.64E+00	4.46E-01	4.38E+01	7.70E+00	3.85E-01	3.13E+01	4.69E+00	2.39E-01	1.14E+01	8.15E+00	2.22E+00	9.16E-02	3.92E+01	8.31E+00	5.29E-01	2.10E+01	1.12E+01
11	630.822	5865.296	4.25E+01	8.34E+00	4.23E-01	4.04E+01	7.39E+00	3.65E-01	2.86E+01	4.44E+00	2.26E-01	1.03E+01	6.08E+00	2.02E+00	8.46E-02	3.65E+01	8.39E+00	5.05E-01	1.97E+01	1.02E+01
12	630.743	5865.135	4.30E+01	8.37E+00	4.28E-01	4.09E+01	7.41E+00	3.69E-01	2.90E+01	4.43E+00	2.28E-01	1.02E+01	6.42E+00	1.95E+00	8.45E-02	3.69E+01	8.35E+00	5.09E-01	1.99E+01	1.06E+01
13	630.527	5865.041	3.68E+01	7.70E+00	4.03E-01	3.49E+01	6.83E+00	3.47E-01	2.50E+01	4.09E+00	2.15E-01	9.19E+00	5.90E+00	1.71E+00	7.76E-02	3.30E+01	7.63E+00	4.75E-01	1.73E+01	1.04E+01
14	630.775	5865.024	4.14E+01	8.31E+00	4.27E-01	3.93E+01	7.36E+00	3.68E-01	2.80E+01	4.40E+00	2.28E-01	1.02E+01	6.38E+00	1.89E+00	8.34E-02	3.64E+01	8.29E+00	5.05E-01	1.97E+01	1.04E+01
15	630.854	5864.944	4.17E+01	8.41E+00	4.32E-01	3.95E+01	7.44E+00	3.72E-01	2.84E+01	4.45E+00	2.31E-01	1.05E+01	6.40E+00	1.91E+00	8.40E-02	3.70E+01	8.39E+00	5.09E-01	2.00E+01	1.03E+01
16	630.927	5864.868	4.20E+01	8.50E+00	4.37E-01	3.98E+01	7.52E+00	3.76E-01	2.91E+01	4.50E+00	2.33E-01	1.07E+01	6.41E+00	1.93E+00	8.46E-02	3.76E+01	8.47E+00	5.12E-01	2.04E+01	1.02E+01
17	630.948	5864.795	4.14E+01	8.52E+00	4.39E-01	3.92E+01	7.53E+00	3.77E-01	2.87E+01	4.51E+00	2.34E-01	1.07E+01	6.46E+00	1.91E+00	8.45E-02	3.77E+01	8.48E+00	5.13E-01	2.04E+01	1.02E+01
18	631.011	5864.755	4.14E+01	8.60E+00	4.43E-01	3.91E+01	7.60E+00	3.81E-01	2.87E+01	4.56E+00	2.36E-01	1.09E+01	6.45E+00	1.94E+00	8.52E-02	3.80E+01	8.55E+00	5.17E-01	2.06E+01	1.01E+01
19	631.072	5864.702	4.12E+01	8.67E+00	4.47E-01	3.90E+01	7.65E+00	3.84E-01	2.86E+01	4.59E+00	2.38E-01	1.11E+01	6.43E+00	1.95E+00	8.56E-02	3.82E+01	8.60E+00	5.20E-01	2.07E+01	9.96E+00
20	631.312	5864.648	4.26E+01	9.00E+00	4.65E-01	4.06E+01	7.94E+00	3.99E-01	2.97E+01	4.77E+00	2.48E-01	1.22E+01	6.72E+00	2.12E+00	8.98E-02	4.11E+01	8.76E+00	5.39E-01	2.23E+01	1.07E+01
21	631.178	5864.533	4.19E+01	8.98E+00	4.64E-01	4.04E+01	7.92E+00	3.98E-01	2.88E+01	4.75E+00	2.47E-01	1.16E+01	6.77E+00	2.02E+00	8.86E-02	4.10E+01	8.82E+00	5.39E-01	2.22E+01	1.02E+01
22	631.41	5864.529	4.25E+01	9.17E+00	4.76E-01	4.10E+01	8.09E+00	4.07E-01	2.91E+01	4.87E+00	2.53E-01	1.26E+01	6.97E+00	2.17E+00	9.15E-02	4.24E+01	8.79E+00	5.51E-01	2.29E+01	1.11E+01
23	631.253	5864.485	4.19E+01	9.05E+00	4.69E-01	4.04E+01	7.98E+00	4.02E-01	2.86E+01	4.79E+00	2.49E-01	1.18E+01	6.70E+00	2.05E+00	8.92E-02	4.13E+01	8.85E+00	5.43E-01	2.24E+01	1.03E+01
24	631.397	5864.437	4.24E+01	9.23E+00	4.79E-01	4.08E+01	8.14E+00	4.10E-01	2.90E+01	4.90E+00	2.55E-01	1.25E+01	6.82E+00	2.14E+00	9.14E-02	4.26E+01	8.85E+00	5.54E-01	2.31E+01	1.10E+01
25	631.473	5864.376	3.84E+01	9.12E+00	4.76E-01	3.68E+01	8.04E+00	4.07E-01	2.54E+01	4.83E+00	2.52E-01	1.28E+01	6.84E+00	2.11E+00	9.06E-02	4.11E+01	8.70E+00	5.50E-01	2.20E+01	1.10E+01
26	631.623	5864.288	3.84E+01	9.26E+00	4.88E-01	3.68E+01	8.16E+00	4.16E-01	2.53E+01	4.92E+00	2.59E-01	1.35E+01	7.26E+00	2.17E+00	9.29E-02	4.25E+01	8.54E+00	5.63E-01	2.27E+01	1.17E+01
27	631.686	5864.27	3.99E+01	9.37E+00	4.96E-01	3.82E+01	8.26E+00	4.23E-01	2.66E+01	4.99E+00	2.63E-01	1.39E+01	7.50E+00	2.21E+00	9.44E-02	4.30E+01	8.47E+00	5.71E-01	2.31E+01	1.20E+01
28	631.799	5864.167	4.04E+01	9.51E+00	5.09E-01	3.86E+01	8.37E+00	4.33E-01	2.69E+01	5.07E+00	2.69E-01	1.45E+01	7.83E+00	2.25E+00	9.65E-02	4.46E+01	8.36E+00	5.85E-01	2.38E+01	1.25E+01
29	631.873	5864.079	4.12E+01	9.64E+00	5.20E-01	3.94E+01	8.49E+00	4.42E-01	2.75E+01	5.16E+00	2.75E-01	1.49E+01	8.04E+00	2.28E+00	9.82E-02	4.71E+01	8.57E+00	5.97E-01	2.47E+01	1.27E+01
30	633.618	5862.621	4.08E+01	1.04E+01	7.15E-01	3.77E+01	9.14E+00	5.95E-01	2.48E+01	5.85E+00	3.75E-01	1.73E+01	8.53E+00	2.88E+00	1.16E-01	5.85E+01	6.94E+00	7.46E-01	3.07E+01	1.05E+01
31	634.773	5862.619	3.84E+01	1.11E+01	8.16E-01	3.55E+01	9.63E+00	6.66E-01	2.50E+01	6.31E+00	4.25E-01	1.01E+01	8.18E+00	2.36E+00	1.24E-01	4.10E+01	6.81E+00	7.87E-01	2.17E+01	6.97E+00
32	634.658	5862.053	4.50E+01	1.23E+01	9.34E-01	4.12E+01	1.06E+01	7.63E-01	2.85E+01	6.93E+00	4.85E-01	1.26E+01	7.90E+00	2.30E+00	1.36E-01	3.76E+01	7.50E+00	8.84E-01	2.03E+01	7.30E+00
33	634.689	5862.02	4.46E+01	1.22E+01	9.34E-01	4.08E+01	1.05E+01	7.63E-01	2.82E+01	6.91E+00	4.86E-01	1.20E+01	7.75E+00	2.34E+00	1.35E-01	3.69E+01	7.51E+00	8.82E-01	1.99E+01	7.36E+00
34	634.545	5862.006	4.49E+01	1.20E+01	9.19E-01	4.11E+01	1.04E+01	7.52E-01	2.84E+01	6.79E+00	4.78E-01	1.30E+01	8.30E+00	2.35E+00	1.34E-01	3.76E+01	7.32E+00	8.71E-01	2.02E+01	7.43E+00
35	634.717	5861.985	4.44E+01	1.22E+01	9.37E-01	4.06E+01	1.05E+01	7.65E-01	2.81E+01	6.91E+00	4.87E-01	1.15E+01	7.65E+00	2.36E+00	1.35E-01	3.62E+01	7.52E+00	8.83E-01	1.95E+01	7.43E+00
36	634.576	5861.972	4.52E+01	1.21E+01	9.28E-01	4.14E+01	1.05E+01	7.59E-01	2.86E+01	6.83E+00	4.83E-01	1.29E+01	8.31E+00	2.32E+00	1.35E-01	3.72E+01	7.40E+00	8.78E-01	2.00E+01	7.31E+00
37	634.748	5861.952	4.45E+01	1.22E+01	9.45E-01	4.06E+01	1.05E+01	7.70E-01	2.82E+01	6.94E+00	4.91E-01	1.12E+01	7.59E+00	2.41E+00	1.36E-01	3.57E+01	7.56E+00	8.88E-01	1.93E+01	7.51E+00
38	634.624	5861.855	4.53E+01	1.21E+01	9.43E-01	4.14E+01	1.04E+01	7.69E-01	2.87E+01	6.83E+00	4.90E-01	1.25E+01	8.37E+00	2.30E+00	1.35E-01	3.58E+01	7.48E+00	8.86E-01	1.93E+01	7.33E+00
36	632.662	5861.852	5.43E+01	1.28E+01	8.36E-01	5.01E+01	1.10E+01	7.02E-01	3.56E+01	6.65E+00	4.23E-01	1.49E+01	1.06E+01	2.41E+00	1.27E-01	5.90E+01	9.99E+00	9.02E-01	3.17E+01	1.27E+01
40	634.868	5861.8	4.58E+01	1.26E+01	9.87E-01	4.16E+01	1.08E+01	8.02E-01	2.89E+01	7.15E+00	5.12E-01	1.16E+01	7.86E+00	2.56E+00	1.40E-01	3.52E+01	7.70E+00	9.20E-01	1.89E+01	7.79E+00
41	634.663	5861.775	4.56E+01	1.21E+01	9.55E-01	4.15E+01	1.04E+01	7.79E-01	2.88E+01	6.85E+00	4.97E-01	1.26E+01	8.41E+00	2.27E+00	1.36E-01	3.50E+01	7.55E+00	8.94E-01	1.89E+01	7.46E+00
42	634.783	5861.769	4.61E+01	1.24E+01	9.80E-01	4.19E+01	1.06E+01	7.97E-01	2.91E+01	7.04E+00	5.09E-01	1.20E+01	8.01E+00	2.33E+00	1.38E-01	3.46E+01	7.69E+00	9.14E-01	1.87E+01	7.69E+00
43	634.68	5861.73	4.62E+01	1.22E+01	9.69E-01	4.21E+01	1.05E+01	7.89E-01	2.92E+01	6.91E+00	5.03E-01	1.27E+01	8.51E+00	2.31E+00	1.37E-01	3.49E+01	7.61E+00	9.04E-01	1.88E+01	7.52E+00

Table 2 Maximum Predicted Ground Level Concentrations at Discrete Receptor Locations

Receptor ID	UTM Coordinates (km)		Predicted Ground Level Concentrations ($\mu g/m^3$)																
	Easting	Northing	tsp_1hr	tsp_24hr	tsp_annual	pm_{10}_1hr	pm_{10}_24hr	pm_{10}_annual	$pm_{2.5}$_1hr	$pm_{2.5}$_24hr	$pm_{2.5}$_annual	so_2_1hr	so_2_3hr	so_2_24hr	so_2_annual	no_x_1hr	no_x_24hr	no_x_annual	co_1hr	co_8hr
44	634.916	5861.686	4.70E+01	1.28E+01	1.02E+00	4.26E+01	1.09E+01	8.24E-01	2.96E+01	7.26E+00	5.27E-01	1.18E+01	7.94E+00	2.60E+00	1.42E-01	3.57E+01	7.75E+00	9.42E-01	1.92E+01	7.92E+00
45	634.697	5861.685	4.65E+01	1.22E+01	9.77E-01	4.23E+01	1.05E+01	7.95E-01	2.94E+01	6.92E+00	5.08E-01	1.28E+01	8.56E+00	2.31E+00	1.37E-01	3.45E+01	7.64E+00	9.10E-01	1.87E+01	7.59E+00
46	634.822	5861.663	4.73E+01	1.26E+01	1.01E+00	4.29E+01	1.08E+01	8.17E-01	2.98E+01	7.14E+00	5.22E-01	1.23E+01	8.20E+00	2.33E+00	1.41E-01	3.45E+01	7.78E+00	9.34E-01	1.86E+01	7.82E+00
47	634.931	5861.642	4.70E+01	1.28E+01	1.02E+00	4.25E+01	1.09E+01	8.27E-01	2.96E+01	7.26E+00	5.29E-01	1.18E+01	7.93E+00	2.59E+00	1.42E-01	3.53E+01	7.72E+00	9.45E-01	1.90E+01	7.97E+00
48	632.66	5861.637	5.41E+01	1.29E+01	8.63E-01	4.97E+01	1.11E+01	7.23E-01	3.66E+01	6.67E+00	4.34E-01	1.47E+01	9.81E+00	2.60E+00	1.27E-01	5.66E+01	9.93E+00	9.25E-01	3.06E+01	1.27E+01
49	634.721	5861.624	4.69E+01	1.22E+01	9.89E-01	4.26E+01	1.05E+01	8.04E-01	2.96E+01	6.95E+00	5.13E-01	1.29E+01	8.63E+00	2.32E+00	1.38E-01	3.40E+01	7.69E+00	9.19E-01	1.84E+01	7.68E+00
50	634.84	5861.618	4.77E+01	1.26E+01	1.02E+00	4.32E+01	1.08E+01	8.26E-01	3.01E+01	7.18E+00	5.28E-01	1.24E+01	8.28E+00	2.34E+00	1.42E-01	3.45E+01	7.80E+00	9.42E-01	1.86E+01	7.88E+00
51	634.945	5861.599	4.72E+01	1.28E+01	1.03E+00	4.27E+01	1.09E+01	8.33E-01	2.97E+01	7.29E+00	5.33E-01	1.18E+01	7.93E+00	2.59E+00	1.43E-01	3.52E+01	7.72E+00	9.50E-01	1.90E+01	8.00E+00
52	634.738	5861.579	4.67E+01	1.22E+01	9.92E-01	4.24E+01	1.04E+01	8.06E-01	2.96E+01	6.93E+00	5.15E-01	1.29E+01	8.63E+00	2.30E+00	1.38E-01	3.35E+01	7.68E+00	9.20E-01	1.81E+01	7.74E+00
53	634.857	5861.572	4.83E+01	1.27E+01	1.03E+00	4.37E+01	1.09E+01	8.35E-01	3.04E+01	7.23E+00	5.34E-01	1.25E+01	8.37E+00	2.34E+00	1.43E-01	3.44E+01	7.83E+00	9.51E-01	1.86E+01	7.94E+00
54	634.96	5861.556	4.78E+01	1.29E+01	1.04E+00	4.32E+01	1.10E+01	8.42E-01	3.00E+01	7.33E+00	5.39E-01	1.19E+01	7.97E+00	2.60E+00	1.44E-01	3.52E+01	7.73E+00	9.59E-01	1.90E+01	8.05E+00
55	634.755	5861.533	4.72E+01	1.22E+01	1.00E+00	4.27E+01	1.05E+01	8.14E-01	2.98E+01	6.95E+00	5.20E-01	1.30E+01	8.71E+00	2.32E+00	1.39E-01	3.32E+01	7.71E+00	9.28E-01	1.80E+01	7.80E+00
56	634.874	5861.527	4.85E+01	1.27E+01	1.04E+00	4.38E+01	1.09E+01	8.41E-01	3.05E+01	7.24E+00	5.38E-01	1.26E+01	8.41E+00	2.34E+00	1.43E-01	3.43E+01	7.83E+00	9.57E-01	1.85E+01	7.99E+00
57	634.975	5861.512	4.79E+01	1.29E+01	1.05E+00	4.32E+01	1.10E+01	8.46E-01	3.01E+01	7.34E+00	5.42E-01	1.18E+01	7.97E+00	2.59E+00	1.44E-01	3.48E+01	7.71E+00	9.63E-01	1.88E+01	8.09E+00
58	634.772	5861.488	4.80E+01	1.24E+01	1.02E+00	4.34E+01	1.06E+01	8.27E-01	3.03E+01	7.02E+00	5.29E-01	1.32E+01	8.83E+00	2.36E+00	1.41E-01	3.31E+01	7.78E+00	9.41E-01	1.80E+01	7.87E+00
59	634.891	5861.482	4.84E+01	1.27E+01	1.04E+00	4.37E+01	1.08E+01	8.44E-01	3.04E+01	7.23E+00	5.40E-01	1.26E+01	8.42E+00	2.33E+00	1.44E-01	3.37E+01	7.80E+00	9.59E-01	1.83E+01	8.04E+00
60	635.006	5861.46	4.87E+01	1.31E+01	1.06E+00	4.39E+01	1.11E+01	8.61E-01	3.06E+01	7.44E+00	5.52E-01	1.20E+01	8.07E+00	2.64E+00	1.46E-01	3.52E+01	7.72E+00	9.77E-01	1.90E+01	8.14E+00
61	634.79	5861.443	4.84E+01	1.24E+01	1.03E+00	4.38E+01	1.06E+01	8.35E-01	3.05E+01	7.05E+00	5.34E-01	1.33E+01	8.90E+00	2.38E+00	1.42E-01	3.29E+01	7.81E+00	9.50E-01	1.78E+01	7.93E+00
62	634.912	5861.427	4.86E+01	1.27E+01	1.05E+00	4.39E+01	1.08E+01	8.51E-01	3.06E+01	7.25E+00	5.45E-01	1.26E+01	8.49E+00	2.32E+00	1.44E-01	3.35E+01	7.79E+00	9.66E-01	1.82E+01	8.10E+00
63	635.032	5861.421	4.90E+01	1.32E+01	1.07E+00	4.41E+01	1.12E+01	8.68E-01	3.08E+01	7.49E+00	5.57E-01	1.21E+01	8.13E+00	2.67E+00	1.47E-01	3.53E+01	7.68E+00	9.84E-01	1.91E+01	8.18E+00
34	634.81	5861.388	4.82E+01	1.23E+01	1.03E+00	4.35E+01	1.05E+01	8.37E-01	3.04E+01	7.02E+00	5.36E-01	1.33E+01	8.89E+00	2.35E+00	1.42E-01	3.23E+01	7.77E+00	9.51E-01	1.75E+01	8.00E+00
65	635.058	5861.382	4.91E+01	1.32E+01	1.08E+00	4.41E+01	1.12E+01	8.74E-01	3.10E+01	7.53E+00	5.61E-01	1.22E+01	8.17E+00	2.70E+00	1.48E-01	3.52E+01	7.62E+00	9.89E-01	1.90E+01	8.21E+00
66	634.929	5861.382	4.95E+01	1.29E+01	1.07E+00	4.46E+01	1.10E+01	8.64E-01	3.11E+01	7.33E+00	5.54E-01	1.28E+01	8.62E+00	2.33E+00	1.46E-01	3.35E+01	7.82E+00	9.79E-01	1.82E+01	8.15E+00
67	634.828	5861.343	4.84E+01	1.24E+01	1.04E+00	4.37E+01	1.05E+01	8.43E-01	3.06E+01	7.04E+00	5.41E-01	1.33E+01	8.94E+00	2.36E+00	1.43E-01	3.25E+01	7.77E+00	9.58E-01	1.73E+01	8.07E+00
68	635.088	5861.343	4.84E+01	1.32E+01	1.08E+00	4.35E+01	1.12E+01	8.73E-01	3.08E+01	7.52E+00	5.61E-01	1.22E+01	8.18E+00	2.72E+00	1.48E-01	3.51E+01	7.50E+00	9.88E-01	1.90E+01	8.23E+00
69	634.947	5861.336	4.99E+01	1.29E+01	1.08E+00	4.49E+01	1.10E+01	8.72E-01	3.14E+01	7.36E+00	5.59E-01	1.29E+01	8.69E+00	2.33E+00	1.47E-01	3.35E+01	7.81E+00	9.87E-01	1.82E+01	8.20E+00
70	635.163	5861.32	4.65E+01	1.31E+01	1.07E+00	4.17E+01	1.11E+01	8.62E-01	2.97E+01	7.49E+00	5.55E-01	1.22E+01	8.12E+00	2.81E+00	1.47E-01	3.56E+01	7.21E+00	9.77E-01	1.93E+01	8.20E+00
71	635.073	5861.288	4.77E+01	1.29E+01	1.07E+00	4.27E+01	1.09E+01	8.66E-01	3.04E+01	7.40E+00	5.58E-01	1.18E+01	8.00E+00	2.61E+00	1.46E-01	3.45E+01	7.44E+00	9.81E-01	1.87E+01	8.25E+00
72	634.982	5861.253	4.86E+01	1.27E+01	1.08E+00	4.36E+01	1.08E+01	8.68E-01	3.09E+01	7.28E+00	5.58E-01	1.28E+01	8.64E+00	2.30E+00	1.46E-01	3.33E+01	7.64E+00	9.82E-01	1.80E+01	8.27E+00
73	634.761	5861.126	5.19E+01	1.27E+01	1.11E+00	4.68E+01	1.08E+01	8.94E-01	3.34E+01	7.17E+00	5.71E-01	1.33E+01	9.05E+00	2.88E+00	1.50E-01	3.34E+01	8.05E+00	1.01E+00	1.77E+01	8.20E+00
74	635.018	5861.099	4.84E+01	1.26E+01	1.09E+00	4.33E+01	1.06E+01	8.75E-01	3.11E+01	7.22E+00	5.64E-01	1.31E+01	8.84E+00	2.34E+00	1.47E-01	3.30E+01	7.47E+00	9.89E-01	1.77E+01	8.36E+00
75	635.611	5861.093	4.68E+01	1.41E+01	1.12E+00	4.03E+01	1.17E+01	8.92E-01	2.96E+01	7.90E+00	5.78E-01	1.39E+01	1.15E+01	3.09E+00	1.59E-01	3.54E+01	8.99E+00	9.85E-01	1.91E+01	9.15E+00
76	635.023	5861.006	5.32E+01	1.33E+01	1.16E+00	4.78E+01	1.13E+01	9.33E-01	3.44E+01	7.59E+00	6.00E-01	1.41E+01	9.49E+00	2.45E+00	1.54E-01	3.37E+01	7.77E+00	1.04E+00	1.79E+01	8.45E+00
77	635.073	5860.911	5.42E+01	1.35E+01	1.19E+00	4.91E+01	1.14E+01	9.54E-01	3.54E+01	7.72E+00	6.15E-01	1.43E+01	9.60E+00	2.47E+00	1.57E-01	3.31E+01	8.22E+00	1.06E+00	1.78E+01	8.93E+00
78	635.206	5860.664	5.38E+01	1.36E+01	1.21E+00	4.96E+01	1.14E+01	9.72E-01	3.61E+01	7.82E+00	6.32E-01	1.44E+01	9.60E+00	2.50E+00	1.60E-01	3.39E+01	9.23E+00	1.07E+00	1.80E+01	9.63E+00
79	634.861	5860.631	7.44E+01	1.55E+01	1.42E+00	7.06E+01	1.31E+01	1.15E+00	5.73E+01	8.51E+00	7.23E-01	1.98E+01	1.10E+01	4.41E+00	1.88E-01	3.80E+01	9.08E+00	1.27E+00	2.02E+01	9.97E+00
80	635.214	5860.619	5.45E+01	1.36E+01	1.22E+00	5.01E+01	1.14E+01	9.80E-01	3.66E+01	7.84E+00	6.37E-01	1.45E+01	9.70E+00	2.53E+00	1.62E-01	3.43E+01	9.36E+00	1.08E+00	1.79E+01	9.72E+00
81	635.231	5860.581	5.55E+01	1.38E+01	1.24E+00	5.10E+01	1.15E+01	9.91E-01	3.72E+01	7.92E+00	6.45E-01	1.47E+01	9.79E+00	2.55E+00	1.63E-01	3.47E+01	9.54E+00	1.08E+00	1.80E+01	9.85E+00
82	635.704	5860.577	5.77E+01	1.63E+01	1.30E+00	5.27E+01	1.34E+01	1.04E+00	3.82E+01	9.14E+00	6.76E-01	1.74E+01	1.21E+01	3.41E+00	1.81E-01	3.52E+01	9.99E+00	1.08E+00	1.92E+01	9.36E+00
83	635.676	5860.502	6.42E+01	1.71E+01	1.38E+00	5.84E+01	1.41E+01	1.10E+00	4.19E+01	9.60E+00	7.14E-01	1.89E+01	1.16E+01	3.54E+00	1.88E-01	3.81E+01	1.04E+01	1.13E+00	2.05E+01	1.02E+01
84	635.58	5860.443	5.70E+01	1.54E+01	1.28E+00	5.20E+01	1.27E+01	1.02E+00	3.81E+01	8.80E+00	6.69E-01	1.40E+01	9.26E+00	3.25E+00	1.73E-01	3.56E+01	1.00E+01	1.08E+00	1.93E+01	9.27E+00
85	638.019	5860.388	5.90E+01	1.80E+01	1.53E+00	5.02E+01	1.50E+01	1.19E+00	3.75E+01	9.88E+00	7.99E-01	2.72E+01	1.66E+01	3.87E+00	2.51E-01	3.75E+01	1.42E+01	9.09E-01	1.96E+01	1.09E+01
86	634.393	5860.172	1.48E+02	2.39E+01	2.24E+00	1.42E+02	2.01E+01	1.83E+00	9.69E+01	1.20E+01	1.10E+00	6.11E+01	5.67E+01	1.13E+01	3.96E-01	1.96E+02	4.39E+01	2.84E+00	1.02E+02	6.12E+01
87	638.093	5860.146	6.08E+01	1.86E+01	1.61E+00	5.30E+01	1.53E+01	1.26E+00	4.00E+01	1.02E+01	8.47E-01	2.54E+01	1.53E+01	3.87E+00	2.58E-01	3.92E+01	1.40E+01	9.34E-01	2.06E+01	1.18E+01
88	634.622	5859.969	8.67E+01	2.03E+01	1.93E+00	7.97E+01	1.66E+01	1.55E+00	5.66E+01	1.04E+01	9.22E-01	4.21E+01	2.97E+01	6.33E+00	2.69E-01	5.97E+01	1.16E+01	1.76E+00	3.16E+01	1.49E+01
89	638.102	5859.905	6.71E+01	2.13E+01	1.80E+00	5.79E+01	1.75E+01	1.40E+00	4.38E+01	1.16E+01	9.45E-01	2.62E+01	1.59E+01	4.14E+00	2.80E-01	4.27E+01	1.46E+01	1.01E+00	2.26E+01	1.27E+01
90	638.192	5859.586	6.83E+01	2.07E+01	1.88E+00	5.79E+01	1.69E+01	1.45E+00	4.44E+01	1.14E+01	9.84E-01	2.18E+01	1.58E+01	3.82E+00	2.90E-01	4.40E+01	1.36E+01	1.02E+00	2.33E+01	1.27E+01
91	636.201	5859.557	7.17E+01	1.89E+01	1.55E+00	6.23E+01	1.50E+01	1.20E+00	4.53E+01	1.03E+01	8.04E-01	1.94E+01	1.40E+01	4.01E+00	2.18E-01	3.73E+01	1.50E+01	1.14E+00	1.96E+01	1.22E+01
92	636.529	5859.515	7.73E+01	2.05E+01	1.75E+00	6.75E+01	1.62E+01	1.35E+00	4.90E+01	1.04E+01	8.99E-01	2.50E+01	1.67E+01	4.51E+00	2.55E-01	4.50E+01	1.64E+01	1.20E+00	2.36E+01	1.21E+01
94	634.464	5859.496	9.11E+01	2.14E+01	2.15E+00	8.17E+01	1.75E+01	1.72E+00	5.70E+01	1.15E+01	1.00E+00	3.27E+01	2.12E+01	5.20E+00	2.72E-01	6.50E+01	1.34E+01	1.98E+00	3.45E+01	1.59E+01
95	634.777	5859.478	1.24E+02	2.62E+01	2.58E+00	1.18E+02	2.35E+01	2.07E+00	7.81E+01	1.54E+01	1.21E+00	7.03E+01	6.28E+01	1.26E+01	4.10E-01	1.21E+02	2.62E+01	2.52E+00	6.13E+01	3.62E+01

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Table 2   Maximum Predicted Ground Level Concentrations at Discrete Receptor Locations

Receptor ID	UTM Coordinates (km)		Predicted Ground Level Concentrations (µg/m³)																	
	Easting	Northing	tsp_1hr	tsp_24hr	tsp_annual	pm_{10}_1hr	pm_{10}_24hr	pm_{10}_annual	$pm_{2.5}\_1hr$	$pm_{2.5}\_24hr$	$pm_{2.5}\_annual$	so_2_1hr	so_2_3hr	so_2_24hr	so_2_annual	no_x_1hr	no_x_24hr	no_x_annual	co_1hr	co_8hr
96	636.277	5859.438	7.54E+01	1.98E+01	1.62E+00	6.49E+01	1.56E+01	1.25E+00	4.70E+01	1.07E+01	8.39E-01	1.93E+01	1.46E+01	4.18E+00	2.28E-01	4.19E+01	1.55E+01	1.16E+00	2.19E+01	1.17E+01
97	636.524	5859.391	8.33E+01	2.20E+01	1.84E+00	7.22E+01	1.73E+01	1.42E+00	5.24E+01	1.12E+01	9.45E-01	2.70E+01	1.75E+01	4.79E+00	2.66E-01	4.57E+01	1.70E+01	1.24E+00	2.41E+01	1.27E+01
98	638.167	5859.305	7.29E+01	2.24E+01	2.08E+00	6.14E+01	1.82E+01	1.60E+00	4.77E+01	1.24E+01	1.09E+00	2.29E+01	1.68E+01	4.45E+00	3.23E-01	5.61E+01	1.34E+01	1.07E+00	2.98E+01	1.44E+01
99	636.628	5859.166	8.33E+01	2.18E+01	1.86E+00	7.17E+01	1.69E+01	1.42E+00	5.39E+01	1.11E+01	9.55E-01	2.17E+01	1.70E+01	4.84E+00	2.72E-01	4.48E+01	1.62E+01	1.24E+00	2.35E+01	1.33E+01
100	638.07	5859.075	9.08E+01	2.68E+01	2.45E+00	7.66E+01	2.14E+01	1.88E+00	5.96E+01	1.46E+01	1.28E+00	2.91E+01	2.17E+01	5.60E+00	3.75E-01	6.31E+01	1.42E+01	1.18E+00	3.35E+01	1.54E+01
101	636.236	5858.861	1.09E+02	2.36E+01	1.99E+00	9.09E+01	1.83E+01	1.52E+00	6.86E+01	1.33E+01	1.04E+00	1.94E+01	1.35E+01	4.40E+00	2.67E-01	4.71E+01	1.68E+01	1.35E+00	2.46E+01	1.37E+01
102	637.983	5858.799	1.01E+02	2.84E+01	2.79E+00	8.74E+01	2.24E+01	2.11E+00	6.82E+01	1.53E+01	1.45E+00	3.39E+01	2.32E+01	7.05E+00	4.34E-01	6.65E+01	1.41E+01	1.26E+00	3.56E+01	1.39E+01
103	636.38	5858.701	1.07E+02	2.51E+01	2.08E+00	8.81E+01	1.92E+01	1.58E+00	6.88E+01	1.39E+01	1.08E+00	1.95E+01	1.44E+01	4.69E+00	2.86E-01	4.97E+01	1.61E+01	1.38E+00	2.60E+01	1.51E+01
104	637.711	5858.687	9.83E+01	2.49E+01	2.63E+00	8.80E+01	1.90E+01	1.96E+00	7.15E+01	1.30E+01	1.33E+00	4.25E+01	2.57E+01	8.11E+00	4.72E-01	5.95E+01	1.35E+01	1.26E+00	3.20E+01	1.42E+01
105	637.599	5858.641	1.02E+02	2.56E+01	2.62E+00	9.15E+01	1.92E+01	1.95E+00	7.47E+01	1.31E+01	1.32E+00	3.84E+01	2.27E+01	9.04E+00	4.64E-01	5.73E+01	1.37E+01	1.29E+00	3.08E+01	1.48E+01
106	636.57	5858.507	1.10E+02	2.63E+01	2.17E+00	9.50E+01	1.98E+01	1.63E+00	7.70E+01	1.41E+01	1.11E+00	2.31E+01	1.81E+01	5.75E+00	3.11E-01	4.72E+01	1.50E+01	1.40E+00	2.51E+01	1.43E+01
107	636.4	5858.414	1.17E+02	2.63E+01	2.29E+00	9.73E+01	1.98E+01	1.72E+00	7.99E+01	1.47E+01	1.18E+00	2.19E+01	1.74E+01	5.62E+00	3.17E-01	5.03E+01	1.54E+01	1.47E+00	2.66E+01	1.50E+01
108	637.382	5858.388	9.79E+01	2.50E+01	2.53E+00	8.67E+01	1.81E+01	1.87E+00	7.33E+01	1.27E+01	1.27E+00	2.86E+01	2.19E+01	8.29E+00	4.21E-01	5.17E+01	1.30E+01	1.33E+00	2.81E+01	1.32E+01
110	641.249	5858.293	1.27E+02	2.36E+01	2.24E+00	1.21E+02	1.95E+01	1.79E+00	8.39E+01	1.45E+01	1.14E+00	6.65E+01	4.59E+01	7.27E+00	3.86E-01	7.39E+01	1.93E+01	1.40E+00	4.18E+01	2.22E+01
111	640.975	5858.269	1.32E+02	2.88E+01	2.43E+00	1.24E+02	2.33E+01	1.92E+00	8.68E+01	1.76E+01	1.24E+00	6.07E+01	4.37E+01	7.53E+00	3.97E-01	7.51E+01	1.98E+01	1.47E+00	4.39E+01	2.28E+01
112	641.266	5858.203	1.23E+02	2.28E+01	2.24E+00	1.17E+02	1.89E+01	1.79E+00	8.05E+01	1.41E+01	1.13E+00	6.56E+01	4.64E+01	8.46E+00	3.90E-01	7.40E+01	1.93E+01	1.38E+00	4.28E+01	2.17E+01
113	636.109	5858.202	1.48E+02	2.72E+01	2.63E+00	1.27E+02	2.23E+01	1.98E+00	1.03E+02	1.69E+01	1.37E+00	2.29E+01	1.97E+01	6.27E+00	3.43E-01	5.69E+01	1.64E+01	1.71E+00	3.00E+01	1.71E+01
114	636.116	5858.128	1.54E+02	2.87E+01	2.73E+00	1.32E+02	2.35E+01	2.05E+00	1.07E+02	1.79E+01	1.43E+00	2.37E+01	1.83E+01	6.85E+00	3.54E-01	5.52E+01	1.63E+01	1.75E+00	2.93E+01	1.70E+01
115	641.248	5858.108	1.21E+02	2.26E+01	2.29E+00	1.15E+02	1.87E+01	1.82E+00	7.85E+01	1.40E+01	1.16E+00	6.32E+01	4.71E+01	9.20E+00	4.04E-01	7.85E+01	2.00E+01	1.39E+00	4.57E+01	2.18E+01
116	637.55	5858.107	1.28E+02	2.98E+01	3.27E+00	1.13E+02	2.17E+01	2.38E+00	9.54E+01	1.70E+01	1.63E+00	3.95E+01	2.51E+01	1.13E+01	5.65E-01	4.76E+01	1.32E+01	1.44E+00	2.63E+01	1.02E+01
117	637.543	5858.027	1.36E+02	3.14E+01	3.45E+00	1.22E+02	2.28E+01	2.50E+00	1.01E+02	1.87E+01	1.72E+00	4.28E+01	2.64E+01	1.17E+01	5.89E-01	4.46E+01	1.33E+01	1.48E+00	2.48E+01	1.02E+01
118	636.131	5857.995	1.57E+02	3.06E+01	2.87E+00	1.34E+02	2.50E+01	2.15E+00	1.10E+02	1.93E+01	1.49E+00	2.43E+01	1.99E+01	7.55E+00	3.69E-01	5.35E+01	1.76E+01	1.81E+00	2.87E+01	2.01E+01
120	640.796	5857.936	1.31E+02	2.85E+01	2.83E+00	1.22E+02	2.31E+01	2.21E+00	8.14E+01	1.77E+01	1.43E+00	8.18E+01	5.92E+01	9.26E+00	4.75E-01	9.91E+01	2.37E+01	1.61E+00	5.91E+01	2.68E+01
121	641.13	5857.924	1.14E+02	2.36E+01	2.41E+00	1.08E+02	1.88E+01	1.90E+00	7.30E+01	1.40E+01	1.21E+00	7.07E+01	4.48E+01	9.26E+00	4.19E-01	7.81E+01	2.11E+01	1.40E+00	4.62E+01	2.22E+01
122	636.301	5857.904	1.33E+02	2.72E+01	2.72E+00	1.11E+02	2.22E+01	2.01E+00	9.13E+01	1.72E+01	1.40E+00	2.33E+01	1.81E+01	6.99E+00	3.74E-01	4.17E+01	1.67E+01	1.72E+00	2.22E+01	1.84E+01
123	636.148	5857.893	1.54E+02	3.11E+01	2.93E+00	1.34E+02	2.56E+01	2.18E+00	1.10E+02	2.00E+01	1.52E+00	2.49E+01	2.04E+01	7.71E+00	3.78E-01	4.87E+01	1.84E+01	1.84E+00	2.64E+01	2.07E+01
124	640.774	5857.81	1.27E+02	2.70E+01	2.90E+00	1.17E+02	2.21E+01	2.25E+00	7.70E+01	1.63E+01	1.45E+00	7.91E+01	5.95E+01	1.07E+01	4.94E-01	1.00E+02	2.49E+01	1.61E+00	5.89E+01	2.63E+01
126	636.113	5857.729	1.81E+02	3.64E+01	3.27E+00	1.60E+02	3.00E+01	2.43E+00	1.32E+02	2.38E+01	1.70E+00	2.75E+01	2.25E+01	8.45E+00	4.02E-01	4.82E+01	1.89E+01	2.01E+00	2.56E+01	2.04E+01
127	636.444	5857.703	1.42E+02	3.09E+01	3.00E+00	1.15E+02	2.50E+01	2.20E+00	9.63E+01	1.97E+01	1.53E+00	2.49E+01	1.94E+01	7.82E+00	4.20E-01	4.74E+01	1.30E+01	1.81E+00	2.52E+01	1.20E+01
128	636.066	5857.526	2.00E+02	4.04E+01	3.62E+00	1.76E+02	3.34E+01	2.70E+00	1.47E+02	2.71E+01	1.91E+00	4.14E+01	2.55E+01	8.26E+00	4.15E-01	5.84E+01	1.65E+01	2.21E+00	3.09E+01	1.56E+01
129	643.391	5857.446	7.20E+01	1.82E+01	1.51E+00	6.63E+01	1.56E+01	1.24E+00	4.22E+01	9.44E+00	7.47E-01	3.73E+01	2.32E+01	6.49E+00	2.63E-01	7.74E+01	2.16E+01	1.01E+00	3.93E+01	1.89E+01
130	637.499	5857.396	2.40E+02	5.49E+01	5.64E+00	2.05E+02	4.70E+01	3.98E+00	1.69E+02	4.06E+01	2.84E+00	6.73E+01	4.20E+01	1.51E+01	8.56E-01	5.22E+01	1.41E+01	1.96E+00	2.75E+01	1.33E+01
131	635.991	5857.371	1.93E+02	4.00E+01	3.83E+00	1.69E+02	3.33E+01	2.86E+00	1.43E+02	2.74E+01	2.03E+00	4.11E+01	2.34E+01	6.37E+00	4.14E-01	5.74E+01	1.60E+01	2.39E+00	3.06E+01	1.26E+01
132	641.622	5857.347	1.09E+02	2.47E+01	2.37E+00	1.02E+02	2.10E+01	1.88E+00	6.28E+01	1.29E+01	1.13E+00	5.26E+01	3.18E+01	5.87E+00	3.62E-01	1.01E+02	2.79E+01	1.36E+00	5.21E+01	2.40E+01
133	641.656	5857.306	1.04E+02	2.41E+01	2.32E+00	9.67E+01	2.04E+01	1.83E+00	5.99E+01	1.25E+01	1.11E+00	5.10E+01	3.07E+01	6.33E+00	3.52E-01	9.73E+01	2.71E+01	1.34E+00	5.01E+01	2.35E+01
134	641.844	5857.293	1.03E+02	2.39E+01	2.23E+00	9.62E+01	2.03E+01	1.77E+00	5.96E+01	1.24E+01	1.06E+00	5.15E+01	3.15E+01	7.11E+00	3.48E-01	9.81E+01	2.71E+01	1.35E+00	5.05E+01	2.37E+01
135	636.068	5857.261	1.69E+02	3.63E+01	3.74E+00	1.53E+02	3.05E+01	2.77E+00	1.28E+02	2.57E+01	1.99E+00	4.67E+01	2.32E+01	6.32E+00	4.24E-01	5.71E+01	1.49E+01	2.39E+00	2.90E+01	1.21E+01
136	636.066	5857.104	2.02E+02	4.56E+01	4.21E+00	1.81E+02	3.38E+01	3.12E+00	1.52E+02	2.84E+01	2.26E+00	5.52E+01	2.80E+01	9.32E+00	4.57E-01	6.18E+01	1.60E+01	2.66E+00	3.14E+01	1.41E+01
137	641.955	5857.073	1.10E+02	2.87E+01	2.39E+00	1.02E+02	2.40E+01	1.90E+00	6.11E+01	1.42E+01	1.12E+00	5.76E+01	3.15E+01	8.92E+00	3.99E-01	1.19E+02	3.26E+01	1.37E+00	5.97E+01	2.97E+01
138	636.878	5856.842	3.43E+02	8.60E+01	6.60E+00	2.57E+02	6.46E+01	4.51E+00	2.22E+02	5.50E+01	3.37E+00	6.71E+01	4.20E+01	1.89E+01	8.11E-01	5.87E+01	1.62E+01	2.47E+00	3.11E+01	1.77E+01
139	636.065	5856.836	2.34E+02	5.96E+01	4.99E+00	2.07E+02	4.30E+01	3.68E+00	1.81E+02	3.53E+01	2.68E+00	6.28E+01	2.61E+01	1.15E+01	5.14E-01	7.14E+01	1.81E+01	2.02E+00	3.63E+01	1.92E+01
140	636.188	5856.722	2.26E+02	6.07E+01	5.04E+00	1.99E+02	4.33E+01	3.69E+00	1.71E+02	3.65E+01	2.73E+00	6.31E+01	2.52E+01	1.40E+01	5.41E-01	6.97E+01	2.02E+01	3.21E+00	3.65E+01	1.98E+01
141	637.229	5856.649	4.96E+02	1.03E+02	1.16E+01	3.54E+02	6.69E+01	7.26E+00	3.23E+02	5.68E+01	5.65E+00	1.03E+02	4.80E+01	2.18E+01	1.21E+00	6.10E+01	1.71E+01	2.71E+00	3.18E+01	1.96E+01
142	636.28	5856.604	2.19E+02	6.21E+01	5.17E+00	1.90E+02	4.38E+01	3.75E+00	1.67E+02	3.78E+01	2.80E+00	7.05E+01	3.10E+01	1.65E+01	5.51E-01	7.19E+01	1.92E+01	3.20E+00	3.65E+01	2.04E+01
143	636.313	5856.5	2.52E+02	6.34E+01	5.64E+00	2.16E+02	4.81E+01	4.08E+00	1.89E+02	4.18E+01	3.08E+00	7.56E+01	3.20E+01	1.68E+01	5.40E-01	7.33E+01	2.03E+01	3.43E+00	3.71E+01	2.15E+01
144	636.303	5856.366	3.50E+02	8.26E+01	6.96E+00	2.92E+02	5.97E+01	5.02E+00	2.57E+02	5.36E+01	3.79E+00	7.39E+01	4.15E+01	1.31E+01	5.46E-01	8.63E+01	2.38E+01	4.16E+00	4.46E+01	2.59E+01
145	636.188	5856.225	4.03E+02	9.54E+01	8.11E+00	3.36E+02	7.36E+01	5.69E+00	2.84E+02	6.00E+01	4.07E+00	5.51E+01	4.71E+01	1.71E+01	5.80E-01	1.24E+02	3.47E+01	5.67E+00	6.38E+01	3.07E+01
146	636.367	5856.213	3.35E+02	9.92E+01	7.24E+00	2.67E+02	7.58E+01	5.17E+00	2.50E+02	6.46E+01	3.95E+00	7.28E+01	4.29E+01	1.58E+01	5.47E-01	1.06E+02	2.90E+01	4.49E+00	5.48E+01	2.44E+01
147	634.627	5856.095	2.82E+02	7.91E+01	1.24E+01	1.87E+02	4.75E+01	6.77E+00	8.71E+01	2.39E+01	3.30E+00	6.44E+01	3.68E+01	1.34E+01	5.22E-01	1.87E+02	4.74E+01	1.03E+01	9.57E+01	3.80E+01
148	645.023	5856.082	4.05E+01	1.15E+01	9.57E-01	3.78E+01	1.01E+01	7.84E-01	2.30E+01	6.04E+00	4.77E-01	1.55E+01	1.15E+01	3.56E+00	1.80E-01	4.64E+01	1.30E+01	7.20E-01	2.29E+01	1.09E+01
149	634.576	5856.038	3.21E+02	8.81E+01	1.12E+01	2.11E+02	5.37E+01	6.70E+00	8.27E+01	2.55E+01	3.37E+00	6.69E+01	3.66E+01	1.17E+01	5.40E-01	1.59E+02	4.63E+01	1.06E+01	8.38E+01	3.64E+01

Table 2 Maximum Predicted Ground Level Concentrations at Discrete Receptor Locations

Receptor ID	UTM Coordinates (km)		Predicted Ground Level Concentrations (µg/m³)																	
	Easting	Northing	tsp_1hr	tsp_24hr	tsp_annual	pm_{10}_1hr	pm_{10}_24hr	pm_{10}_annual	$pm_{2.5}$_1hr	$pm_{2.5}$_24hr	$pm_{2.5}$_annual	so_2_1hr	so_2_3hr	so_2_24hr	so_2_annual	no_x_1hr	no_x_24hr	no_x_annual	co_1hr	co_8hr
150	636.836	5855.967	6.76E+02	2.45E+02	1.20E+01	4.87E+02	1.64E+02	7.74E+00	4.51E+02	1.46E+02	6.42E+00	9.56E+01	4.73E+01	2.15E+01	6.81E-01	8.89E+01	2.24E+01	3.94E+00	7.75E+01	5.69E+01
151	634.619	5855.965	2.59E+02	7.50E+01	9.78E+00	1.78E+02	5.04E+01	6.08E+00	8.20E+01	2.66E+01	3.12E+00	5.63E+01	3.99E+01	8.25E+00	5.13E-01	1.62E+02	4.07E+01	1.00E+01	8.58E+01	3.54E+01
152	645.054	5855.877	4.14E+01	1.19E+01	9.57E-01	3.83E+01	1.05E+01	7.84E-01	2.32E+01	6.20E+00	4.77E-01	1.57E+01	1.23E+01	3.37E+00	1.88E-01	4.54E+01	1.26E+01	7.34E-01	2.23E+01	1.08E+01
153	634.622	5855.848	2.08E+02	7.16E+01	8.83E+00	1.51E+02	4.86E+01	5.69E+00	7.79E+01	2.46E+01	2.98E+00	5.05E+01	4.36E+01	8.53E+00	4.98E-01	1.76E+02	4.08E+01	9.76E+00	9.34E+01	4.05E+01
154	637.016	5855.764	8.15E+02	2.41E+02	1.53E+01	5.66E+02	1.38E+02	9.26E+00	5.26E+02	1.29E+02	7.70E+00	6.64E+01	6.07E+01	4.05E+01	8.63E-01	8.93E+01	2.52E+01	3.93E+00	4.74E+01	2.71E+01
155	645.094	5855.755	4.15E+01	1.18E+01	9.38E-01	3.82E+01	1.03E+01	7.68E-01	2.25E+01	6.08E+00	4.68E-01	1.63E+01	1.23E+01	3.12E+00	1.87E-01	4.43E+01	1.21E+01	7.31E-01	2.18E+01	1.03E+01
156	645.902	5853.554	3.69E+01	8.61E+00	8.09E-01	3.49E+01	7.17E+00	6.68E-01	3.34E+01	4.36E+00	4.19E-01	1.12E+01	9.14E+00	2.90E+00	1.72E-01	3.32E+01	1.02E+01	7.00E-01	1.65E+01	9.08E+00
157	645.032	5855.679	4.24E+01	1.21E+01	9.58E-01	3.86E+01	1.06E+01	7.83E-01	2.31E+01	6.25E+00	4.78E-01	1.67E+01	1.24E+01	3.03E+00	1.93E-01	4.42E+01	1.20E+01	7.46E-01	2.18E+01	1.04E+01
158	636.633	5855.664	6.79E+02	1.44E+02	1.10E+01	5.18E+02	1.01E+02	7.40E+00	4.70E+02	8.55E+01	5.53E+00	6.63E+01	5.42E+01	3.05E+01	7.20E-01	1.71E+02	4.04E+01	6.32E+00	8.87E+01	3.08E+01
159	645.525	5855.607	4.13E+01	1.16E+01	8.90E-01	3.74E+01	1.02E+01	7.30E-01	2.25E+01	6.03E+00	4.47E-01	1.61E+01	1.25E+01	3.08E+00	1.85E-01	4.20E+01	1.15E+01	7.24E-01	2.07E+01	1.03E+01
160	645.558	5855.437	4.07E+01	1.13E+01	8.82E-01	3.73E+01	1.00E+01	7.18E-01	2.19E+01	5.90E+00	4.39E-01	1.40E+01	1.03E+01	2.72E+00	1.83E-01	3.92E+01	1.06E+01	7.19E-01	1.95E+01	9.68E+00
161	644.971	5855.434	4.28E+01	1.23E+01	9.78E-01	3.94E+01	1.08E+01	7.95E-01	2.37E+01	6.32E+00	4.85E-01	1.53E+01	1.10E+01	3.02E+00	2.00E-01	4.09E+01	1.09E+01	7.69E-01	2.04E+01	1.04E+01
162	645.611	5855.383	4.15E+01	1.16E+01	8.88E-01	3.75E+01	1.02E+01	7.24E-01	2.23E+01	6.02E+00	4.44E-01	1.41E+01	1.13E+01	2.82E+00	1.87E-01	3.94E+01	1.05E+01	7.32E-01	2.01E+01	1.02E+01
163	644.881	5855.374	4.40E+01	1.26E+01	1.00E+00	4.10E+01	1.10E+01	8.13E-01	2.49E+01	6.46E+00	4.96E-01	1.59E+01	1.14E+01	3.12E+00	2.05E-01	4.02E+01	1.07E+01	7.86E-01	2.02E+01	1.09E+01
164	645.676	5855.333	4.25E+01	1.19E+01	8.95E-01	3.80E+01	1.05E+01	7.32E-01	2.28E+01	6.17E+00	4.48E-01	1.47E+01	1.28E+01	3.17E+00	1.91E-01	4.17E+01	1.04E+01	7.45E-01	2.13E+01	1.06E+01
165	645.842	5855.148	4.03E+01	1.12E+01	8.60E-01	3.67E+01	9.92E+00	7.03E-01	2.18E+01	5.85E+00	4.30E-01	1.36E+01	1.01E+01	2.65E+00	1.82E-01	3.93E+01	9.18E+00	7.24E-01	2.01E+01	1.09E+01
166	644.938	5855.132	4.38E+01	1.21E+01	9.87E-01	4.00E+01	1.06E+01	7.98E-01	2.42E+01	6.23E+00	4.88E-01	1.43E+01	1.06E+01	3.08E+00	2.03E-01	3.87E+01	9.17E+00	7.86E-01	1.99E+01	1.15E+01
167	641.869	5855.1	1.29E+02	3.44E+01	3.39E+00	1.11E+02	2.82E+01	2.48E+00	6.05E+01	1.53E+01	1.37E+00	5.11E+01	2.73E+01	8.41E+00	5.04E-01	9.54E+01	2.13E+01	1.54E+00	4.77E+01	2.74E+01
168	637.501	5854.944	3.09E+02	1.08E+02	8.30E+00	2.50E+02	8.76E+01	5.74E+00	2.31E+02	6.94E+01	4.08E+00	6.84E+01	4.90E+01	2.32E+01	1.06E+00	1.40E+02	2.64E+01	3.62E+00	7.22E+01	3.06E+01
169	645.499	5854.934	4.17E+01	1.12E+01	8.98E-01	3.70E+01	9.91E+00	7.30E-01	2.17E+01	5.84E+00	4.48E-01	1.54E+01	8.76E+00	3.28E+00	1.88E-01	3.94E+01	8.89E+00	7.47E-01	1.97E+01	1.11E+01
170	637.576	5854.824	3.06E+02	9.47E+01	7.74E+00	2.54E+02	7.83E+01	5.37E+00	2.30E+02	6.09E+01	3.71E+00	8.02E+01	5.78E+01	1.95E+01	1.09E+00	1.37E+02	3.58E+01	3.58E+00	7.07E+01	2.91E+01
171	646.066	5854.756	4.06E+01	1.08E+01	8.38E-01	3.61E+01	9.57E+00	6.87E-01	2.42E+01	5.66E+00	4.22E-01	1.63E+01	8.79E+00	3.47E+00	1.81E-01	3.95E+01	8.78E+00	7.27E-01	1.97E+01	1.08E+01
172	645.343	5854.706	4.50E+01	1.21E+01	9.62E-01	3.93E+01	1.06E+01	7.90E-01	2.46E+01	6.25E+00	4.84E-01	1.75E+01	1.03E+01	4.21E+00	2.06E-01	4.57E+01	1.05E+01	8.06E-01	2.27E+01	1.14E+01
173	645.39	5854.571	4.30E+01	1.12E+01	9.26E-01	3.76E+01	9.85E+00	7.60E-01	2.43E+01	5.81E+00	4.67E-01	1.61E+01	9.57E+00	4.04E+00	1.98E-01	4.34E+01	1.05E+01	7.78E-01	2.16E+01	1.03E+01
174	645.992	5854.449	3.97E+01	1.00E+01	8.27E-01	3.53E+01	8.90E+00	6.77E-01	2.61E+01	5.30E+00	4.19E-01	1.49E+01	8.71E+00	3.73E+00	1.79E-01	3.91E+01	9.76E+00	7.19E-01	1.95E+01	9.48E+00
175	645.92	5854.238	4.04E+01	1.00E+01	8.43E-01	3.57E+01	8.90E+00	6.97E-01	2.93E+01	5.31E+00	4.32E-01	1.42E+01	9.52E+00	3.63E+00	1.84E-01	3.69E+01	1.07E+01	7.36E-01	1.85E+01	9.10E+00
176	637.586	5854.068	1.10E+02	4.19E+01	4.73E+00	1.01E+02	3.69E+01	3.32E+00	8.63E+01	2.92E+01	2.21E+00	5.19E+01	3.00E+01	1.25E+01	5.97E-01	1.11E+02	1.92E+01	2.78E+00	5.49E+01	1.80E+01
177	645.829	5853.962	3.78E+01	9.00E+00	8.29E-01	3.34E+01	8.00E+00	6.83E-01	3.04E+01	4.80E+00	4.25E-01	1.33E+01	9.66E+00	2.86E+00	1.78E-01	3.41E+01	1.70E+01	7.14E-01	1.70E+01	8.64E+00
178	646.136	5853.275	3.46E+01	7.92E+00	7.57E-01	3.37E+01	6.47E+00	6.27E-01	3.24E+01	3.89E+00	3.96E-01	1.07E+01	9.62E+00	2.78E+00	1.61E-01	3.32E+01	9.28E+00	6.64E-01	1.66E+01	8.74E+00
179	634.698	5853.212	1.08E+02	2.70E+01	2.55E+00	9.65E+01	2.33E+01	1.87E+00	7.27E+01	1.69E+01	1.22E+00	4.60E+01	3.85E+01	9.84E+00	2.74E-01	7.43E+01	2.50E+01	2.18E+00	4.01E+01	2.07E+01
180	634.714	5853.168	1.06E+02	2.71E+01	2.53E+00	9.50E+01	2.33E+01	1.86E+00	7.20E+01	1.70E+01	1.22E+00	4.73E+01	3.79E+01	9.16E+00	2.71E-01	7.40E+01	2.49E+01	2.15E+00	3.99E+01	2.06E+01
181	634.638	5852.915	1.16E+02	3.85E+01	2.78E+00	1.03E+02	3.26E+01	2.12E+00	7.79E+01	2.53E+01	1.47E+00	6.65E+01	5.01E+01	1.08E+01	2.99E-01	9.13E+01	3.14E+01	2.22E+00	4.84E+01	2.82E+01
182	646.057	5852.685	3.40E+01	7.84E+00	7.30E-01	3.24E+01	6.42E+00	5.98E-01	2.03E+01	3.47E+00	3.78E-01	1.01E+01	9.29E+00	2.87E+00	1.52E-01	3.21E+01	8.40E+00	6.36E-01	1.64E+01	9.92E+00
183	646.462	5852.635	3.18E+01	7.20E+00	6.78E-01	3.06E+01	5.94E+00	5.59E-01	1.93E+01	3.32E+00	3.54E-01	9.20E+00	8.28E+00	2.60E+00	1.44E-01	3.07E+01	7.90E+00	6.07E-01	1.56E+01	9.38E+00
184	633.525	5852.608	1.27E+02	3.12E+01	2.22E+00	1.21E+02	2.73E+01	1.74E+00	8.30E+01	2.12E+01	1.13E+00	6.65E+01	5.40E+01	1.53E+01	2.78E-01	1.14E+02	2.29E+01	2.29E+00	6.00E+01	3.30E+01
185	646.021	5852.581	3.53E+01	8.18E+00	7.41E-01	3.39E+01	6.70E+00	6.08E-01	2.99E+01	3.63E+00	3.87E-01	1.13E+01	9.90E+00	3.03E+00	1.55E-01	3.24E+01	8.66E+00	6.48E-01	1.66E+01	1.03E+01
186	646.477	5852.57	3.19E+01	7.30E+00	6.73E-01	3.08E+01	6.02E+00	5.55E-01	1.94E+01	3.28E+00	3.52E-01	9.31E+00	8.46E+00	2.65E+00	1.43E-01	3.04E+01	7.97E+00	6.04E-01	1.55E+01	9.44E+00
187	642.942	5852.298	7.89E+01	2.08E+01	1.56E+00	7.04E+01	1.67E+01	1.23E+00	4.10E+01	9.33E+00	7.54E-01	1.99E+01	1.80E+01	4.65E+00	2.84E-01	6.36E+01	1.58E+01	1.11E+00	3.31E+01	1.90E+01
188	646.093	5852.133	3.65E+01	8.51E+00	7.18E-01	3.59E+01	7.02E+00	5.90E-01	3.36E+01	3.93E+00	3.73E-01	1.24E+01	9.20E+00	2.66E+00	1.52E-01	2.94E+01	8.48E+00	6.40E-01	1.51E+01	1.02E+01
189	647.192	5851.877	4.31E+01	7.62E+00	6.29E-01	4.26E+01	6.39E+00	5.31E-01	3.69E+01	3.55E+00	3.41E-01	1.17E+01	1.02E+01	2.84E+00	1.42E-01	3.31E+01	9.18E+00	6.13E-01	1.65E+01	1.17E+01
191	634.77	5851.654	8.57E+01	2.56E+01	2.03E+00	7.73E+01	2.07E+01	1.55E+00	5.90E+01	1.68E+01	1.08E+00	3.59E+01	2.24E+01	4.11E+00	1.77E-01	6.92E+01	2.49E+01	1.52E+00	3.63E+01	1.96E+01
192	635.093	5851.149	7.45E+01	2.08E+01	1.76E+00	6.80E+01	1.65E+01	1.36E+00	5.14E+01	1.13E+01	9.35E-01	3.48E+01	1.97E+01	4.91E+00	1.67E-01	6.22E+01	1.96E+01	1.26E+00	3.30E+01	1.62E+01
193	635.159	5851.033	8.02E+01	2.27E+01	1.85E+00	7.23E+01	1.81E+01	1.43E+00	5.66E+01	1.28E+01	9.99E-01	3.68E+01	2.10E+01	4.87E+00	1.79E-01	6.78E+01	2.03E+01	1.30E+00	3.59E+01	1.87E+01
194	632.343	5850.722	9.29E+01	1.78E+01	1.18E+00	8.51E+01	1.57E+01	9.61E-01	5.60E+01	1.07E+01	5.90E-01	4.75E+01	3.45E+01	7.02E+00	1.88E-01	1.02E+02	2.21E+01	1.32E+00	5.60E+01	2.90E+01
195	633.178	5850.612	8.76E+01	2.34E+01	1.31E+00	8.27E+01	2.00E+01	1.07E+00	6.08E+01	1.41E+01	6.79E-01	4.38E+01	2.27E+01	5.59E+00	1.88E-01	1.14E+02	3.05E+01	1.49E+00	5.99E+01	3.44E+01
196	635.564	5850.007	6.67E+01	1.54E+01	1.30E+00	5.87E+01	1.28E+01	1.04E+00	4.13E+01	8.83E+00	7.16E-01	1.69E+01	1.25E+01	2.95E+00	1.50E-01	5.38E+01	1.54E+01	9.43E-01	2.85E+01	1.50E+01
197	636.007	5849.937	8.10E+01	1.95E+01	1.50E+00	7.83E+01	1.61E+01	1.21E+00	6.05E+01	1.19E+01	8.50E-01	3.23E+01	2.55E+01	4.32E+00	1.73E-01	5.43E+01	1.93E+01	9.82E-01	2.86E+01	1.95E+01
198	635.82	5849.699	5.89E+01	1.46E+01	1.17E+00	5.20E+01	1.20E+01	9.48E-01	3.79E+01	9.18E+00	6.48E-01	1.66E+01	1.32E+01	3.34E+00	1.42E-01	4.68E+01	1.40E+01	8.33E-01	2.49E+01	1.36E+01
199	635.202	5848.929	7.10E+01	1.63E+01	1.06E+00	6.81E+01	1.41E+01	8.90E-01	4.65E+01	9.27E+00	6.01E-01	3.89E+01	2.16E+01	5.09E+00	1.54E-01	8.29E+01	2.42E+01	9.76E-01	4.28E+01	2.74E+01
200	634.889	5848.673	6.97E+01	1.60E+01	9.58E-01	6.72E+01	1.40E+01	8.12E-01	4.22E+01	9.16E+00	5.43E-01	3.19E+01	1.94E+01	4.83E+00	1.46E-01	7.65E+01	2.15E+01	9.34E-01	3.95E+01	1.98E+01
201	634.292	5848.201	6.50E+01	1.47E+01	8.34E-01	6.30E+01	1.30E+01	7.12E-01	3.79E+01	8.48E+00	4.69E-01	3.00E+01	1.69E+01	3.77E+00	1.33E-01	7.05E+01	1.93E+01	8.88E-01	3.79E+01	2.03E+01

Table 2 Maximum Predicted Ground Level Concentrations at Discrete Receptor Locations

Receptor ID	UTM Coordinates (km)		Predicted Ground Level Concentrations (µg/m³)																	
	Easting	Northing	tsp_1hr	tsp_24hr	tsp_annual	pm_{10}_1hr	pm_{10}_24hr	pm_{10}_annual	$pm_{2.5}\_1hr$	$pm_{2.5}\_24hr$	$pm_{2.5}\_annual$	so_2_1hr	so_2_3hr	so_2_24hr	so_2_annual	no_x_1hr	no_x_24hr	no_x_annual	co_1hr	co_8hr
202	640.191	5848.123	3.96E+01	9.92E+00	7.14E-01	3.75E+01	8.82E+00	5.99E-01	2.86E+01	5.37E+00	3.86E-01	1.58E+01	1.52E+01	5.32E+00	9.69E-02	3.98E+01	9.37E+00	6.25E-01	2.05E+01	1.18E+01
203	629.344	5854.427	5.97E+01	1.55E+01	6.80E-01	5.16E+01	1.35E+01	5.83E-01	2.48E+01	7.33E+00	3.37E-01	2.15E+01	1.54E+01	2.42E+00	8.16E-02	8.63E+01	1.87E+01	7.96E-01	4.50E+01	2.38E+01
204	629.422	5853.847	5.70E+01	1.40E+01	7.01E-01	5.28E+01	1.19E+01	5.97E-01	2.65E+01	6.57E+00	3.42E-01	2.16E+01	1.27E+01	3.16E+00	9.28E-02	8.07E+01	2.30E+01	7.94E-01	4.23E+01	2.37E+01
205	627.691	5850.041	3.29E+01	7.42E+00	3.44E-01	3.05E+01	6.90E+00	2.96E-01	1.92E+01	4.30E+00	1.83E-01	1.48E+01	9.71E+00	2.80E+00	6.85E-02	6.06E+01	1.20E+01	4.72E-01	3.09E+01	1.46E+01
206	625.639	5849.087	3.83E+01	8.11E+00	2.96E-01	3.73E+01	7.51E+00	2.64E-01	2.35E+01	4.88E+00	1.71E-01	1.71E+01	1.18E+01	2.71E+00	7.07E-02	1.07E+02	1.66E+01	4.96E-01	5.42E+01	2.54E+01
207	627.321	5850.452	5.43E+01	8.55E+00	3.73E-01	5.25E+01	7.73E+00	3.30E-01	3.13E+01	4.80E+00	2.07E-01	1.80E+01	1.29E+01	2.44E+00	7.57E-02	9.29E+01	1.67E+01	5.37E-01	4.72E+01	2.35E+01
208	627.475	5845.145	2.24E+01	6.45E+00	2.49E-01	2.20E+01	6.04E+00	2.19E-01	1.51E+01	4.01E+00	1.38E-01	7.12E+00	5.26E+00	1.50E+00	4.97E-02	3.33E+01	1.09E+01	3.11E-01	1.71E+01	1.20E+01
209	628.641	5853.93	6.60E+01	1.49E+01	6.89E-01	5.79E+01	1.27E+01	6.05E-01	3.68E+01	7.30E+00	3.74E-01	2.53E+01	1.71E+01	3.26E+00	1.14E-01	1.56E+02	2.18E+01	1.11E+00	7.93E+01	3.39E+01
210	629.624	5851.609	4.84E+01	1.14E+01	5.30E-01	4.28E+01	1.02E+01	4.57E-01	2.59E+01	5.73E+00	2.81E-01	2.37E+01	1.06E+01	2.69E+00	8.79E-02	5.82E+01	1.42E+01	6.66E-01	3.09E+01	1.79E+01
211	630.395	5858.877	1.47E+02	2.72E+01	1.31E+00	1.26E+02	2.29E+01	1.11E+00	6.70E+01	1.11E+01	6.06E-01	2.34E+01	1.75E+01	3.28E+00	1.42E-01	1.81E+02	2.93E+01	1.68E+00	9.79E+01	4.07E+01
212	625.744	5848.127	3.59E+01	7.52E+00	2.94E-01	3.47E+01	6.98E+00	2.59E-01	2.34E+01	4.45E+00	1.66E-01	1.84E+01	1.34E+01	3.05E+00	7.22E-02	9.10E+01	1.54E+01	4.76E-01	4.60E+01	2.02E+01
213	626.47	5847.195	3.63E+01	8.19E+00	3.04E-01	3.49E+01	7.68E+00	2.67E-01	2.29E+01	5.05E+00	1.69E-01	1.68E+01	1.33E+01	2.76E+00	7.24E-02	6.91E+01	1.75E+01	4.50E-01	3.53E+01	2.23E+01
214	630.979	5856.09	1.95E+02	5.41E+01	1.88E+00	1.54E+02	4.67E+01	1.54E+00	7.31E+01	2.54E+01	8.86E-01	5.44E+01	3.77E+01	7.50E+00	2.08E-01	3.70E+02	7.82E+01	2.66E+00	1.84E+02	1.19E+02
215	626.96	5846.465	2.31E+01	6.69E+00	2.64E-01	2.26E+01	6.28E+00	2.31E-01	1.54E+01	4.14E+00	1.45E-01	8.41E+00	7.03E+00	1.90E+00	5.73E-02	4.47E+01	1.27E+01	3.39E-01	2.30E+01	1.52E+01
216	626.398	5845.802	3.59E+01	8.50E+00	2.82E-01	3.47E+01	8.02E+00	2.50E-01	2.40E+01	5.32E+00	1.60E-01	1.47E+01	1.04E+01	2.37E+00	6.98E-02	6.52E+01	1.71E+01	4.26E-01	3.30E+01	2.09E+01
217	627.268	5846.35	2.18E+01	6.45E+00	2.56E-01	2.14E+01	6.05E+00	2.23E-01	1.43E+01	3.96E+00	1.40E-01	7.55E+00	7.28E+00	1.56E+00	5.17E-02	3.69E+01	1.09E+01	3.13E-01	1.89E+01	1.26E+01
218	629.595	5846.331	3.07E+01	8.50E+00	3.43E-01	2.98E+01	7.87E+00	2.99E-01	2.05E+01	5.22E+00	1.87E-01	1.12E+01	5.96E+00	1.83E+00	6.00E-02	4.36E+01	9.97E+00	4.17E-01	2.25E+01	9.92E+00
219	628.841	5847.795	2.89E+01	8.29E+00	3.44E-01	2.80E+01	7.70E+00	2.97E-01	1.85E+01	5.00E+00	1.85E-01	1.13E+01	1.06E+01	2.18E+00	6.87E-02	3.71E+01	1.18E+01	4.18E-01	1.92E+01	1.28E+01
220	630.944	5846.627	7.37E+01	1.32E+01	4.84E-01	7.02E+01	1.21E+01	4.25E-01	4.26E+01	7.76E+00	2.73E-01	1.48E+01	1.17E+01	2.81E+00	8.91E-02	8.51E+01	1.55E+01	7.02E-01	4.65E+01	2.24E+01
221	632.031	5846.743	6.36E+01	1.28E+01	5.61E-01	6.05E+01	1.17E+01	4.90E-01	3.80E+01	7.61E+00	3.16E-01	1.75E+01	1.16E+01	2.83E+00	1.05E-01	8.40E+01	1.70E+01	7.90E-01	4.42E+01	2.48E+01
222	631.845	5847.377	7.36E+01	1.43E+01	5.83E-01	6.95E+01	1.29E+01	5.07E-01	4.31E+01	8.44E+00	3.26E-01	1.91E+01	1.41E+01	3.03E+00	1.03E-01	9.19E+01	1.76E+01	8.28E-01	4.73E+01	2.64E+01
223	631.583	5845.61	5.69E+01	1.10E+01	4.75E-01	5.45E+01	1.01E+01	4.18E-01	3.22E+01	6.49E+00	2.69E-01	1.53E+01	1.09E+01	2.46E+00	9.16E-02	7.23E+01	1.44E+01	6.65E-01	3.98E+01	2.14E+01
224	627.191	5847.137	2.31E+01	6.68E+00	2.73E-01	2.25E+01	6.25E+00	2.38E-01	1.49E+01	4.06E+00	1.49E-01	8.15E+00	7.27E+00	2.16E+00	5.68E-02	4.20E+01	1.24E+01	3.42E-01	2.15E+01	1.49E+01
225	624.771	5850.982	4.07E+01	6.66E+00	2.95E-01	3.96E+01	6.15E+00	2.64E-01	2.51E+01	4.11E+00	1.69E-01	1.33E+01	8.65E+00	1.74E+00	7.23E-02	7.99E+01	1.70E+01	4.63E-01	4.00E+01	2.63E+01
226	625.639	5849.087	3.83E+01	8.11E+00	2.96E-01	3.73E+01	7.51E+00	2.64E-01	2.35E+01	4.88E+00	1.71E-01	1.71E+01	1.18E+01	2.71E+00	7.07E-02	1.07E+02	1.66E+01	4.96E-01	5.42E+01	2.54E+01
227	627.12	5847.207	2.36E+01	6.84E+00	2.79E-01	2.30E+01	6.41E+00	2.43E-01	1.54E+01	4.17E+00	1.52E-01	9.18E+00	8.44E+00	2.32E+00	5.95E-02	4.48E+01	1.29E+01	3.57E-01	2.31E+01	1.57E+01
228	627.475	5845.145	2.24E+01	6.45E+00	2.49E-01	2.20E+01	6.04E+00	2.19E-01	1.51E+01	4.01E+00	1.38E-01	7.12E+00	5.26E+00	1.50E+00	4.97E-02	3.33E+01	1.09E+01	3.11E-01	1.71E+01	1.20E+01
229	627.475	5845.145	2.24E+01	6.45E+00	2.49E-01	2.20E+01	6.04E+00	2.19E-01	1.51E+01	4.01E+00	1.38E-01	7.12E+00	5.26E+00	1.50E+00	4.97E-02	3.33E+01	1.09E+01	3.11E-01	1.71E+01	1.20E+01
230	627.12	5847.207	2.36E+01	6.84E+00	2.79E-01	2.30E+01	6.41E+00	2.43E-01	1.54E+01	4.17E+00	1.52E-01	9.18E+00	8.44E+00	2.32E+00	5.95E-02	4.48E+01	1.29E+01	3.57E-01	2.31E+01	1.57E+01
231	627.655	5856.981	6.27E+01	9.32E+00	4.62E-01	5.84E+01	8.69E+00	4.16E-01	3.74E+01	5.29E+00	2.60E-01	2.76E+01	2.37E+01	4.00E+00	8.02E-02	1.96E+02	2.80E+01	6.51E-01	9.85E+01	4.22E+01
232	630.187	5845.854	7.56E+01	1.23E+01	4.07E-01	7.28E+01	1.14E+01	3.59E-01	4.44E+01	7.29E+00	2.29E-01	1.17E+01	9.55E+00	2.57E+00	7.61E-02	6.82E+01	1.38E+01	5.68E-01	3.67E+01	1.58E+01
233	625.856	5847.972	3.64E+01	7.45E+00	3.01E-01	3.51E+01	6.91E+00	2.64E-01	2.37E+01	4.64E+00	1.69E-01	1.87E+01	1.34E+01	3.08E+00	7.44E-02	9.04E+01	1.65E+01	4.91E-01	4.56E+01	2.15E+01
234	630.295	5858.777	1.34E+02	2.69E+01	1.26E+00	1.16E+02	2.26E+01	1.07E+00	6.47E+01	1.11E+01	5.85E-01	2.35E+01	1.73E+01	3.18E+00	1.37E-01	1.73E+02	2.69E+01	1.60E+00	9.36E+01	3.93E+01
235	627.12	5847.207	2.36E+01	6.84E+00	2.79E-01	2.30E+01	6.41E+00	2.43E-01	1.54E+01	4.17E+00	1.52E-01	9.18E+00	8.44E+00	2.32E+00	5.95E-02	4.48E+01	1.29E+01	3.57E-01	2.31E+01	1.57E+01
236	630.976	5846.537	7.02E+01	1.29E+01	4.85E-01	6.72E+01	1.19E+01	4.25E-01	4.14E+01	7.68E+00	2.74E-01	1.63E+01	1.18E+01	2.79E+00	8.79E-02	8.79E+01	1.55E+01	7.10E-01	4.79E+01	2.28E+01
237	627.655	5856.981	6.27E+01	9.32E+00	4.62E-01	5.84E+01	8.69E+00	4.16E-01	3.74E+01	5.29E+00	2.60E-01	2.76E+01	2.37E+01	4.00E+00	8.02E-02	1.96E+02	2.80E+01	6.51E-01	9.85E+01	4.22E+01
238	624.619	5852.675	4.62E+01	8.33E+00	2.90E-01	4.51E+01	7.37E+00	2.60E-01	2.62E+01	4.43E+00	1.68E-01	1.41E+01	9.64E+00	1.82E+00	6.39E-02	8.84E+01	1.09E+01	4.80E-01	4.49E+01	1.62E+01
239	627.745	5844.426	2.08E+01	6.09E+00	2.36E-01	2.04E+01	5.70E+00	2.08E-01	1.40E+01	3.78E+00	1.31E-01	6.09E+00	4.30E+00	1.31E+00	4.26E-02	2.84E+01	9.35E+00	2.87E-01	1.45E+01	9.87E+00
240	627.745	5844.426	2.08E+01	6.09E+00	2.36E-01	2.04E+01	5.70E+00	2.08E-01	1.40E+01	3.78E+00	1.31E-01	6.09E+00	4.30E+00	1.31E+00	4.26E-02	2.84E+01	9.35E+00	2.87E-01	1.45E+01	9.87E+00
241	627.475	5845.145	2.24E+01	6.45E+00	2.49E-01	2.20E+01	6.04E+00	2.19E-01	1.51E+01	4.01E+00	1.38E-01	7.12E+00	5.26E+00	1.50E+00	4.97E-02	3.33E+01	1.09E+01	3.11E-01	1.71E+01	1.20E+01
242	629.397	5857.77	8.50E+01	1.18E+01	6.45E-01	7.21E+01	9.87E+00	5.53E-01	3.93E+01	6.03E+00	3.26E-01	2.12E+01	1.66E+01	4.38E+00	8.24E-02	1.24E+02	1.64E+01	7.15E-01	6.48E+01	2.21E+01
243	627.475	5845.145	2.24E+01	6.45E+00	2.49E-01	2.20E+01	6.04E+00	2.19E-01	1.51E+01	4.01E+00	1.38E-01	7.12E+00	5.26E+00	1.50E+00	4.97E-02	3.33E+01	1.09E+01	3.11E-01	1.71E+01	1.20E+01
244	627.736	5849.689	3.10E+01	7.63E+00	3.49E-01	2.89E+01	7.08E+00	2.99E-01	1.85E+01	4.42E+00	1.85E-01	1.68E+01	1.18E+01	3.20E+00	7.13E-02	5.82E+01	1.20E+01	4.73E-01	2.96E+01	1.61E+01
245	627.12	5847.207	2.36E+01	6.84E+00	2.79E-01	2.30E+01	6.41E+00	2.43E-01	1.54E+01	4.17E+00	1.52E-01	9.18E+00	8.44E+00	2.32E+00	5.95E-02	4.48E+01	1.29E+01	3.57E-01	2.31E+01	1.57E+01
246	628.899	5847.94	2.94E+01	8.53E+00	3.55E-01	2.84E+01	7.92E+00	3.06E-01	1.89E+01	5.13E+00	1.90E-01	1.19E+01	1.07E+01	2.34E+00	7.20E-02	3.90E+01	1.23E+01	4.35E-01	2.01E+01	1.34E+01
247	625.895	5847.727	3.58E+01	7.42E+00	2.99E-01	3.45E+01	6.99E+00	2.63E-01	2.34E+01	4.68E+00	1.68E-01	1.85E+01	1.34E+01	3.05E+00	7.37E-02	8.46E+01	1.67E+01	4.79E-01	4.26E+01	2.17E+01
248	628.989	5844.865	7.67E+01	1.12E+01	3.37E-01	7.44E+01	1.05E+01	2.99E-01	4.50E+01	6.77E+00	1.92E-01	1.16E+01	7.64E+00	2.40E+00	6.98E-02	8.13E+01	1.49E+01	5.03E-01	4.15E+01	1.63E+01
249	627.056	5845.575	2.31E+01	6.66E+00	2.54E-01	2.27E+01	6.26E+00	2.23E-01	1.56E+01	4.16E+00	1.41E-01	8.95E+00	7.32E+00	1.73E+00	5.47E-02	4.27E+01	1.24E+01	3.30E-01	2.19E+01	1.44E+01
250	629.583	5852.49	5.11E+01	1.14E+01	6.20E-01	4.84E+01	1.01E+01	5.33E-01	2.84E+01	6.04E+00	3.17E-01	2.06E+01	1.22E+01	2.45E+00	9.94E-02	7.11E+01	2.41E+01	7.58E-01	3.71E+01	2.28E+01
251	626.06	5856.743	6.45E+01	7.67E+00	3.37E-01	6.13E+01	7.05E+00	3.06E-01	3.83E+01	4.76E+00	1.98E-01	1.99E+01	1.58E+01	3.00E+00	6.68E-02	1.76E+02	2.25E+01	5.56E-01	8.83E+01	3.40E+01
252	625.495	5857.026	5.44E+01	7.08E+00	3.02E-01	5.18E+01	6.49E+00	2.75E-01	3.15E+01	4.23E+00	1.79E-01	1.91E+01	1.48E+01	2.72E+00	6.16E-02	1.50E+02	1.90E+01	4.98E-01	7.52E+01	2.87E+01

Table 2 Maximum Predicted Ground Level Concentrations at Discrete Receptor Locations

Receptor ID	UTM Coordinates (km)		Predicted Ground Level Concentrations ($\mu g/m^3$)																	
	Easting	Northing	tsp_1hr	tsp_24hr	tsp_annual	pm_{10}_1hr	pm_{10}_24hr	pm_{10}_annual	$pm_{2.5}$_1hr	$pm_{2.5}$_24hr	$pm_{2.5}$_annual	so_2_1hr	so_2_3hr	so_2_24hr	so_2_annual	no_x_1hr	no_x_24hr	no_x_annual	co_1hr	co_8hr
253	627.721	5845.157	2.22E+01	6.43E+00	2.50E-01	2.18E+01	6.02E+00	2.19E-01	1.49E+01	3.99E+00	1.38E-01	6.38E+00	4.80E+00	1.38E+00	4.75E-02	3.08E+01	1.03E+01	3.04E-01	1.59E+01	1.11E+01
254	627.545	5858.027	6.53E+01	1.00E+01	4.71E-01	5.98E+01	8.95E+00	4.21E-01	3.79E+01	5.49E+00	2.58E-01	2.41E+01	1.98E+01	2.97E+00	8.39E-02	1.36E+02	1.76E+01	6.23E-01	6.94E+01	2.71E+01
255	624.924	5848.049	3.56E+01	7.19E+00	2.65E-01	3.45E+01	6.70E+00	2.34E-01	2.41E+01	4.33E+00	1.50E-01	1.63E+01	1.24E+01	2.80E+00	6.57E-02	8.60E+01	1.32E+01	4.35E-01	4.36E+01	2.00E+01
256	629.215	5847.839	3.28E+01	9.24E+00	3.83E-01	3.15E+01	8.56E+00	3.32E-01	2.14E+01	5.58E+00	2.06E-01	1.77E+01	1.30E+01	2.45E+00	8.04E-02	4.34E+01	1.38E+01	4.81E-01	2.23E+01	1.51E+01
257	627.655	5856.981	6.27E+01	9.32E+00	4.62E-01	5.84E+01	8.69E+00	4.16E-01	3.74E+01	5.29E+00	2.60E-01	2.76E+01	2.37E+01	4.00E+00	8.02E-02	1.96E+02	2.80E+01	6.51E-01	9.85E+01	4.22E+01
258	629.558	5851.491	4.83E+01	1.14E+01	5.24E-01	4.28E+01	1.02E+01	4.53E-01	2.60E+01	5.86E+00	2.79E-01	2.39E+01	1.06E+01	2.81E+00	8.87E-02	5.82E+01	1.38E+01	6.65E-01	3.08E+01	1.78E+01
259	627.344	5858.827	7.80E+01	1.04E+01	4.73E-01	6.90E+01	9.36E+00	4.24E-01	4.30E+01	5.94E+00	2.63E-01	1.91E+01	1.40E+01	2.15E+00	8.25E-02	1.45E+02	1.68E+01	7.10E-01	7.55E+01	2.29E+01
260	629.623	5851.695	4.99E+01	1.15E+01	5.45E-01	4.40E+01	1.03E+01	4.70E-01	2.64E+01	5.77E+00	2.88E-01	2.48E+01	1.09E+01	2.66E+00	9.02E-02	6.04E+01	1.52E+01	6.89E-01	3.20E+01	1.82E+01
261	631.219	5845.979	7.05E+01	1.22E+01	4.76E-01	6.75E+01	1.13E+01	4.19E-01	4.05E+01	7.24E+00	2.70E-01	1.83E+01	1.06E+01	2.60E+00	9.10E-02	8.20E+01	1.53E+01	6.92E-01	4.46E+01	2.29E+01
262	628.932	5852.049	5.43E+01	1.19E+01	5.88E-01	4.76E+01	1.06E+01	5.13E-01	3.09E+01	6.73E+00	3.16E-01	2.61E+01	1.82E+01	3.21E+00	1.14E-01	1.49E+02	2.52E+01	8.16E-01	7.69E+01	3.92E+01
263	623.768	5852.687	3.65E+01	7.76E+00	2.50E-01	3.43E+01	6.89E+00	2.25E-01	2.02E+01	4.20E+00	1.46E-01	1.16E+01	9.26E+00	1.70E+00	5.62E-02	7.49E+01	9.94E+00	4.16E-01	3.77E+01	1.45E+01
264	631.644	5845.627	5.63E+01	1.10E+01	4.78E-01	5.38E+01	1.01E+01	4.21E-01	3.17E+01	6.46E+00	2.71E-01	1.54E+01	1.11E+01	2.47E+00	9.20E-02	7.19E+01	1.44E+01	6.67E-01	3.98E+01	2.15E+01
265	627.12	5847.207	2.36E+01	6.84E+00	2.79E-01	2.30E+01	6.41E+00	2.43E-01	1.54E+01	4.17E+00	1.52E-01	9.18E+00	8.44E+00	2.32E+00	5.95E-02	4.48E+01	1.29E+01	3.57E-01	2.31E+01	1.57E+01
266	628.312	5851.912	5.36E+01	1.05E+01	5.05E-01	5.15E+01	9.31E+00	4.43E-01	3.23E+01	5.75E+00	2.72E-01	2.23E+01	1.41E+01	2.60E+00	9.89E-02	1.18E+02	2.46E+01	6.72E-01	6.07E+01	3.31E+01
267	631.645	5848.427	6.27E+01	1.53E+01	6.69E-01	5.85E+01	1.37E+01	5.73E-01	3.71E+01	9.01E+00	3.66E-01	2.06E+01	1.35E+01	3.93E+00	1.18E-01	1.10E+02	1.97E+01	9.53E-01	5.65E+01	2.94E+01
268	623.052	5848.969	2.92E+01	6.05E+00	2.17E-01	2.82E+01	5.68E+00	1.95E-01	1.79E+01	3.76E+00	1.27E-01	1.12E+01	9.87E+00	2.01E+00	5.56E-02	7.56E+01	1.41E+01	3.63E-01	3.93E+01	2.17E+01
269	627.012	5846.165	2.28E+01	6.62E+00	2.58E-01	2.24E+01	6.22E+00	2.26E-01	1.52E+01	4.11E+00	1.42E-01	8.09E+00	7.35E+00	1.66E+00	5.52E-02	4.24E+01	1.24E+01	3.30E-01	2.18E+01	1.45E+01
270	623.46	5850.439	3.20E+01	5.43E+00	2.41E-01	3.02E+01	5.06E+00	2.17E-01	1.87E+01	3.37E+00	1.41E-01	1.17E+01	8.31E+00	1.60E+00	6.16E-02	7.24E+01	1.33E+01	3.91E-01	3.63E+01	2.06E+01
271	626.378	5851.047	5.72E+01	9.02E+00	3.64E-01	5.53E+01	8.25E+00	3.24E-01	3.39E+01	5.48E+00	2.05E-01	1.76E+01	1.33E+01	2.44E+00	8.27E-02	1.04E+02	2.27E+01	5.46E-01	5.34E+01	3.51E+01
272	624.523	5850.735	3.86E+01	6.58E+00	2.81E-01	3.76E+01	6.09E+00	2.52E-01	2.38E+01	4.08E+00	1.62E-01	1.35E+01	9.36E+00	1.82E+00	6.98E-02	7.76E+01	1.67E+01	4.39E-01	3.97E+01	2.59E+01
273	628.744	5853.327	6.95E+01	1.30E+01	7.11E-01	6.08E+01	1.18E+01	6.22E-01	3.60E+01	7.15E+00	3.85E-01	2.40E+01	1.42E+01	3.23E+00	1.27E-01	1.83E+02	3.01E+01	1.13E+00	9.43E+01	4.66E+01
274	627.72	5854.277	5.74E+01	1.29E+01	4.80E-01	5.47E+01	1.15E+01	4.26E-01	3.37E+01	6.47E+00	2.62E-01	2.60E+01	2.03E+01	2.87E+00	7.53E-02	1.19E+02	1.70E+01	6.51E-01	5.97E+01	1.90E+01
275	628.295	5858.327	1.03E+02	1.28E+01	6.32E-01	9.01E+01	1.20E+01	5.63E-01	5.15E+01	7.75E+00	3.50E-01	2.63E+01	1.98E+01	2.85E+00	1.06E-01	1.86E+02	2.35E+01	1.00E+00	9.51E+01	3.52E+01
276	628.295	5853.877	6.12E+01	1.37E+01	5.96E-01	5.17E+01	1.17E+01	5.25E-01	3.28E+01	6.59E+00	3.21E-01	2.55E+01	1.56E+01	2.84E+00	9.80E-02	1.17E+02	1.80E+01	8.79E-01	6.03E+01	2.74E+01
277	624.144	5849.577	3.45E+01	6.79E+00	2.57E-01	3.37E+01	6.33E+00	2.30E-01	2.16E+01	4.24E+00	1.50E-01	1.28E+01	1.16E+01	2.25E+00	6.44E-02	9.15E+01	1.66E+01	4.25E-01	4.61E+01	2.56E+01
278	629.46	5851.162	4.75E+01	1.17E+01	5.16E-01	4.25E+01	1.06E+01	4.45E-01	2.69E+01	6.27E+00	2.76E-01	2.27E+01	1.29E+01	3.32E+00	9.24E-02	5.97E+01	1.34E+01	6.66E-01	3.12E+01	1.70E+01
307	634.679	5855.603	1.80E+02	6.88E+01	7.64E+00	1.37E+02	4.98E+01	5.17E+00	7.07E+01	2.54E+01	2.75E+00	5.56E+01	3.91E+01	8.48E+00	4.69E-01	1.89E+02	3.90E+01	8.90E+00	1.01E+02	4.97E+01
306	637.799	5857.049	5.73E+02	1.43E+02	1.39E+01	4.35E+02	9.98E+01	9.06E+00	3.42E+02	7.82E+01	5.94E+00	8.25E+01	6.42E+01	2.64E+01	1.85E+00	7.38E+01	2.40E+01	3.00E+00	3.94E+01	2.29E+01

Attachment 3

Concentration Contour Plots

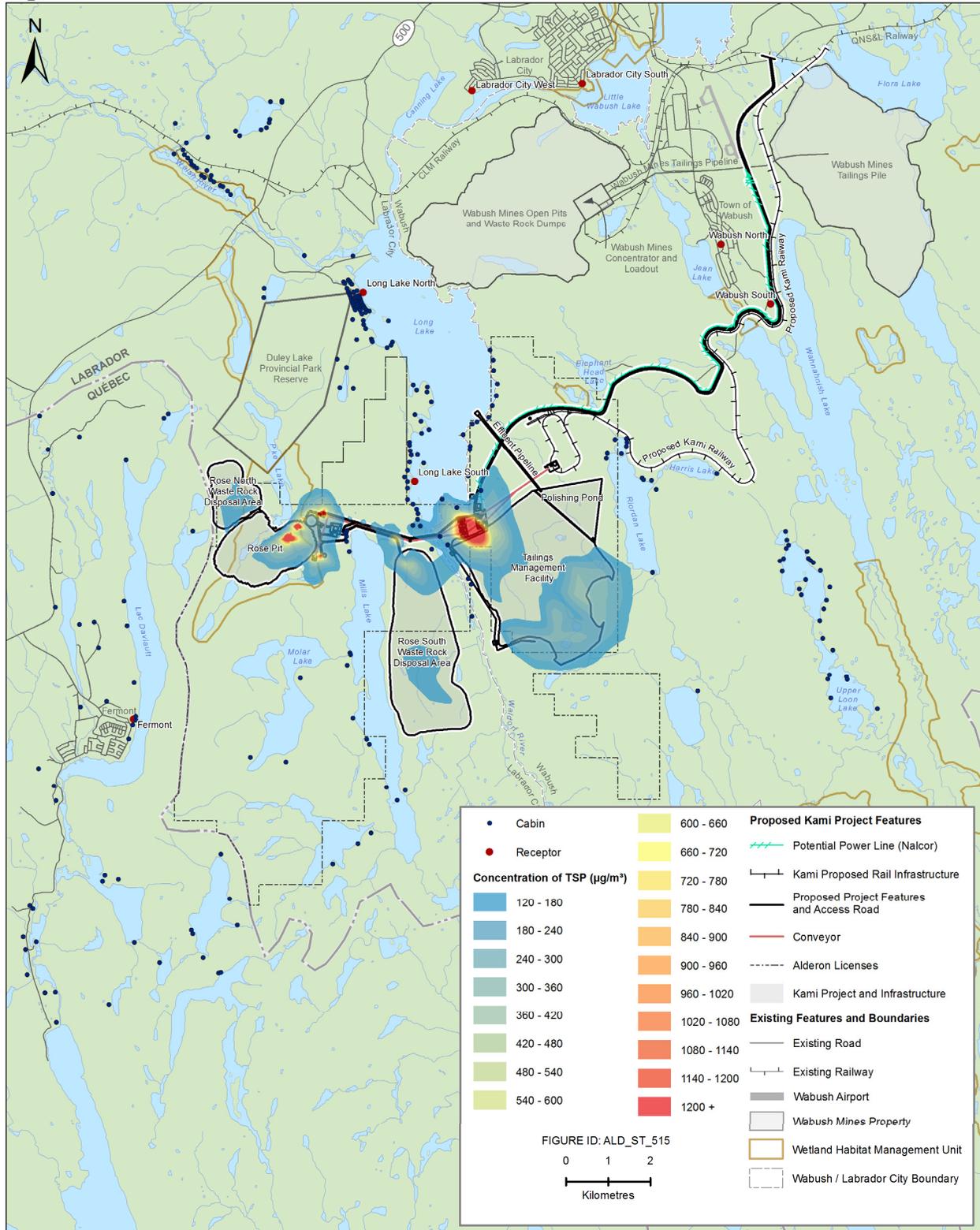**Figure 1   Maximum Predicted 24-hour Ground Level Concentrations, TSP**

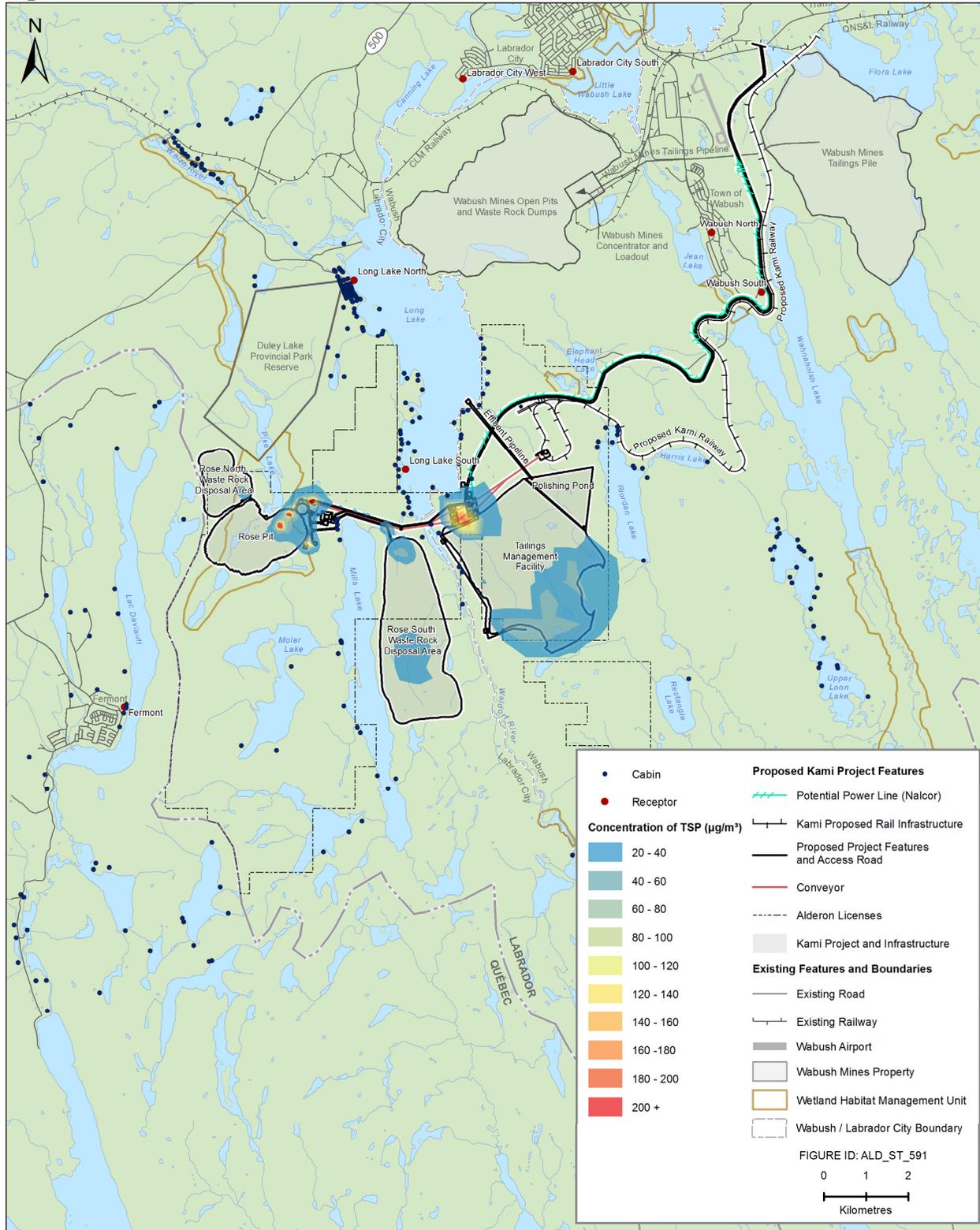**Figure 2   Maximum Predicted Annual Ground Level Concentrations, TSP**

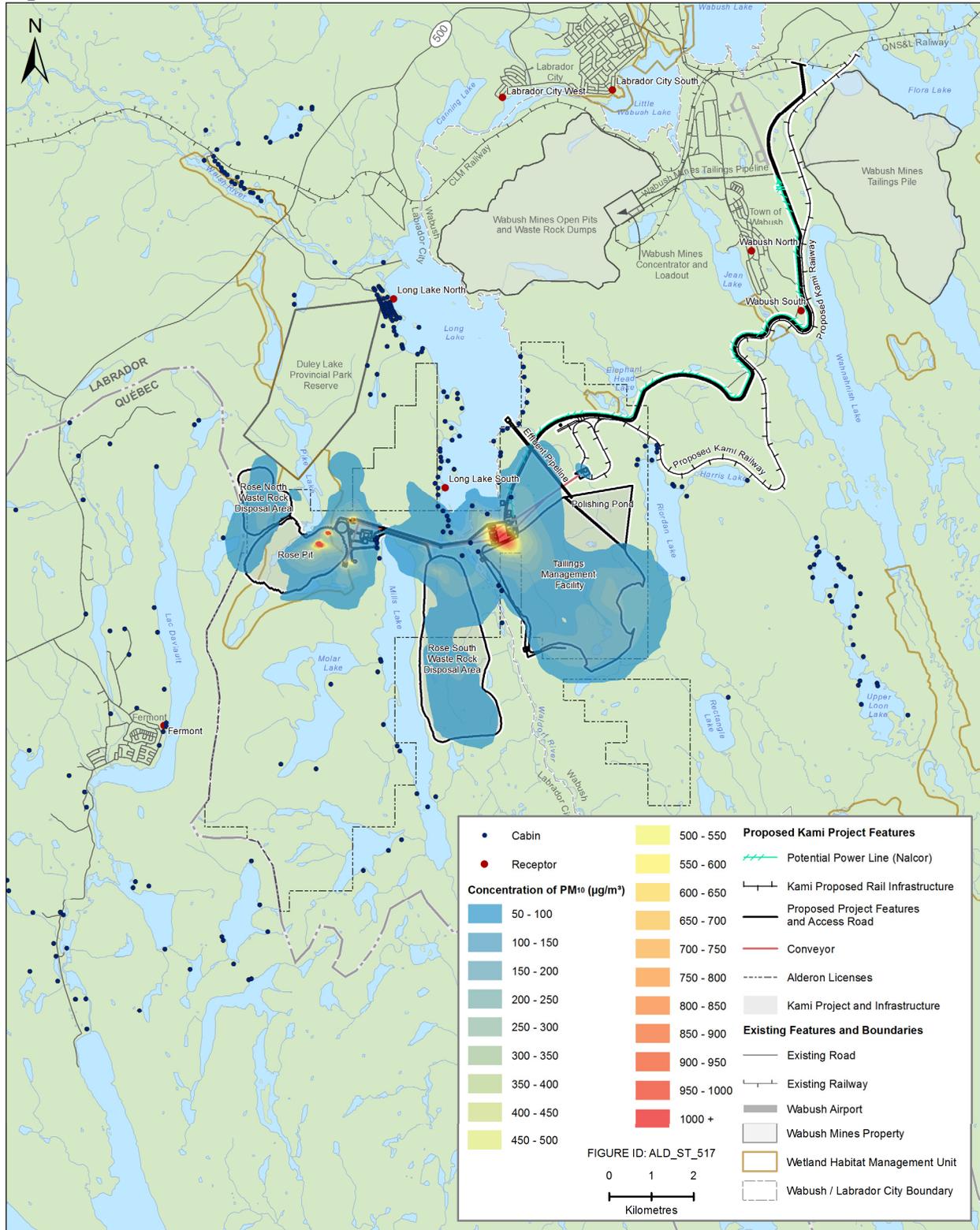**Figure 3   Maximum Predicted 24-hour Ground Level Concentrations, PM$_{10}$**

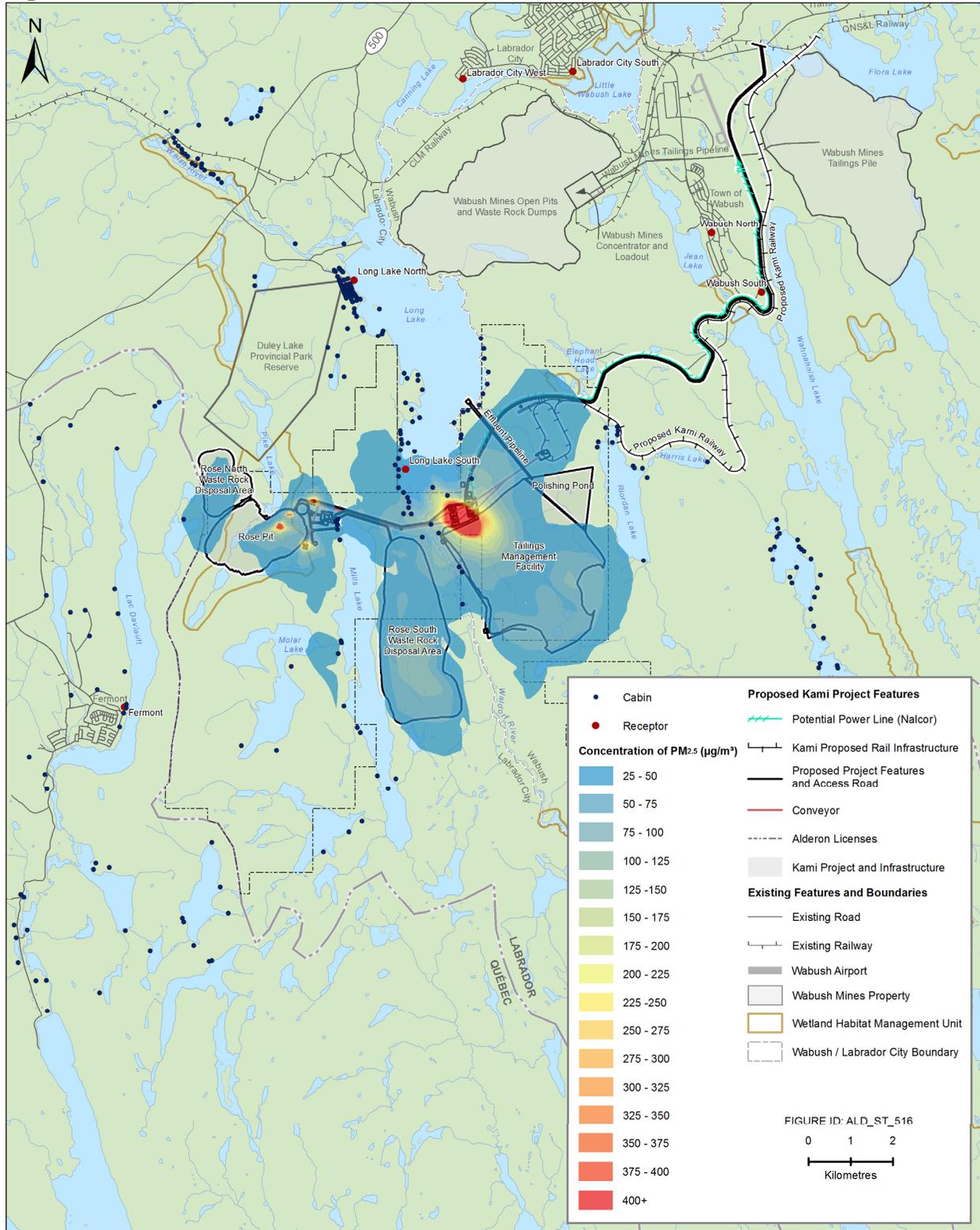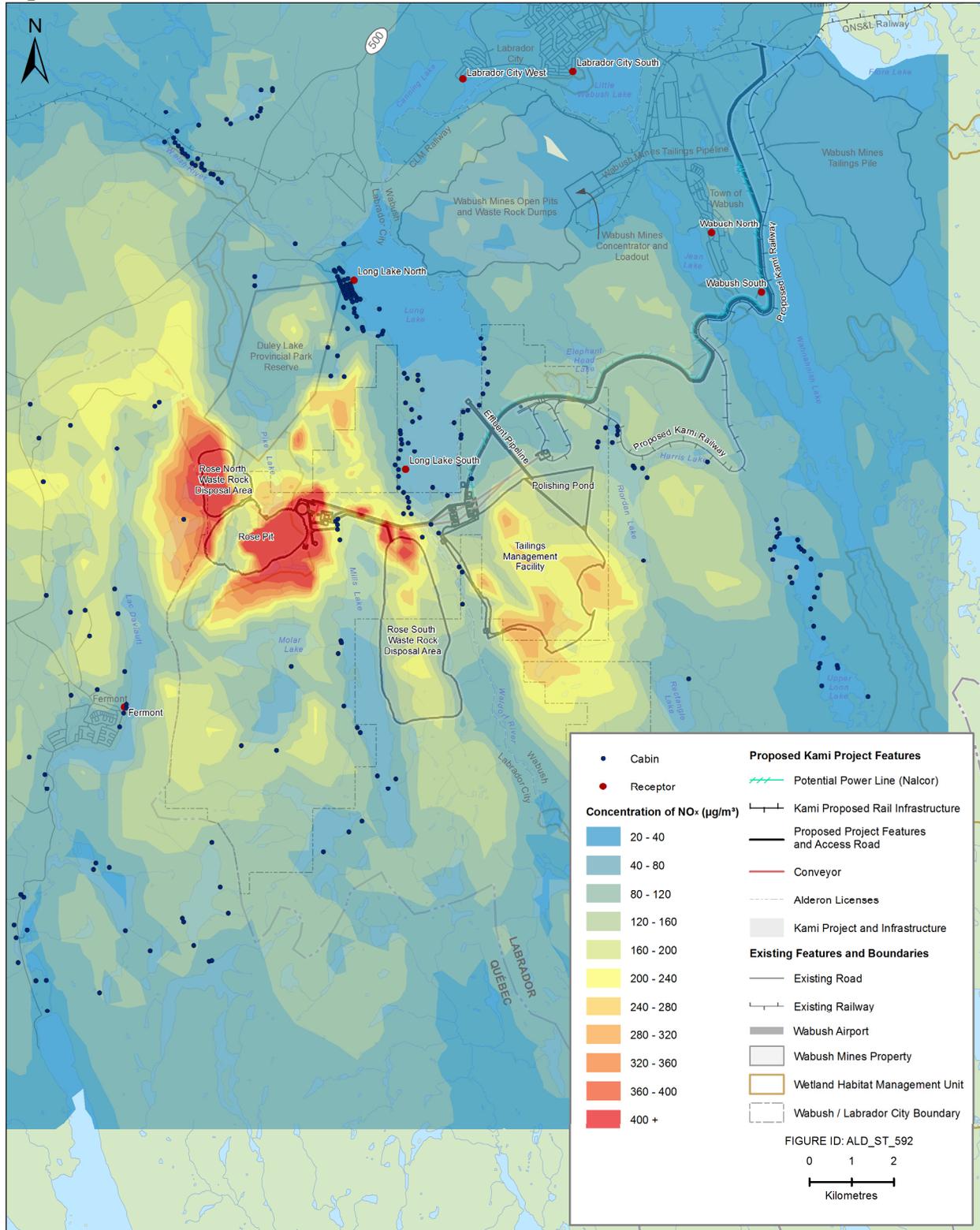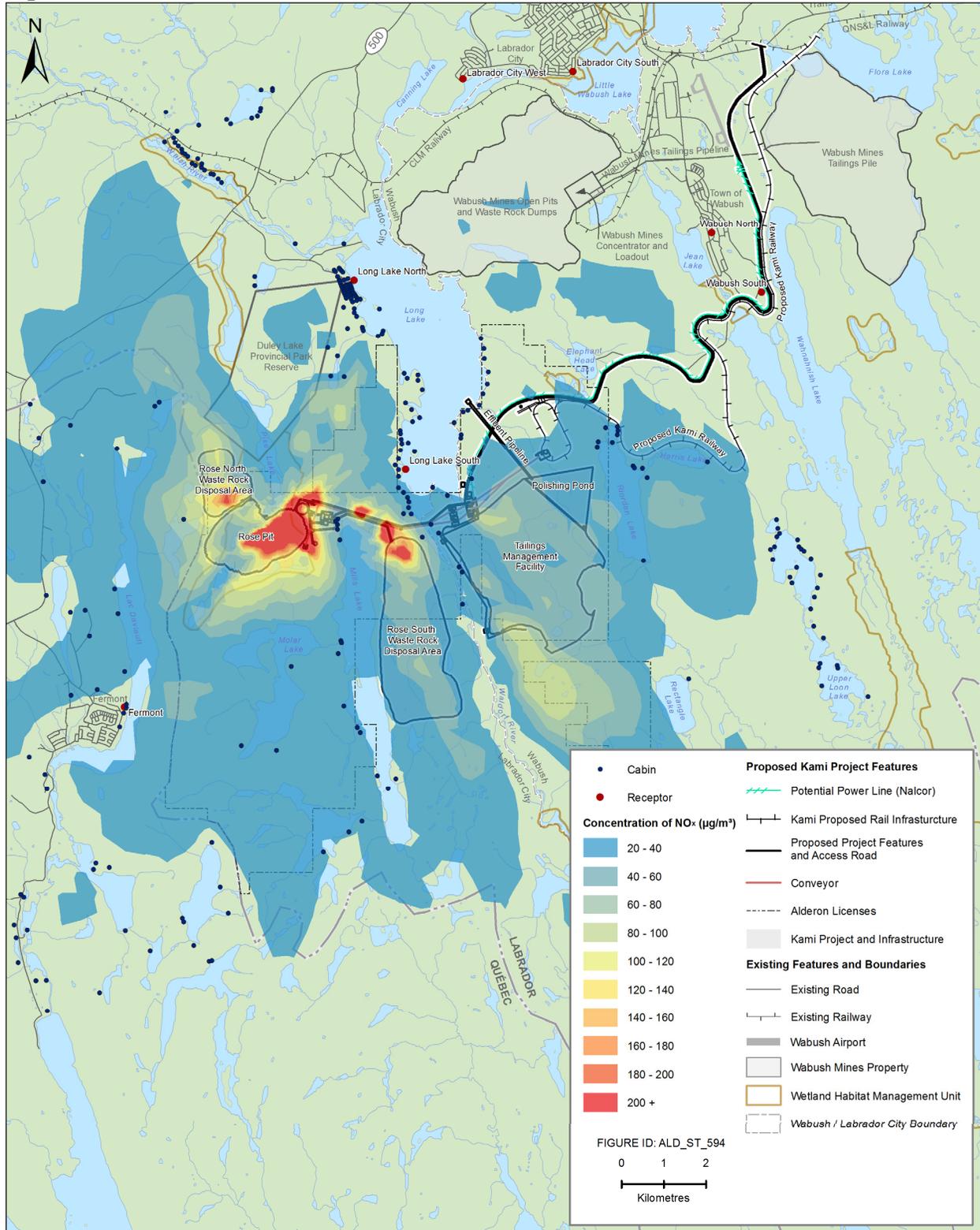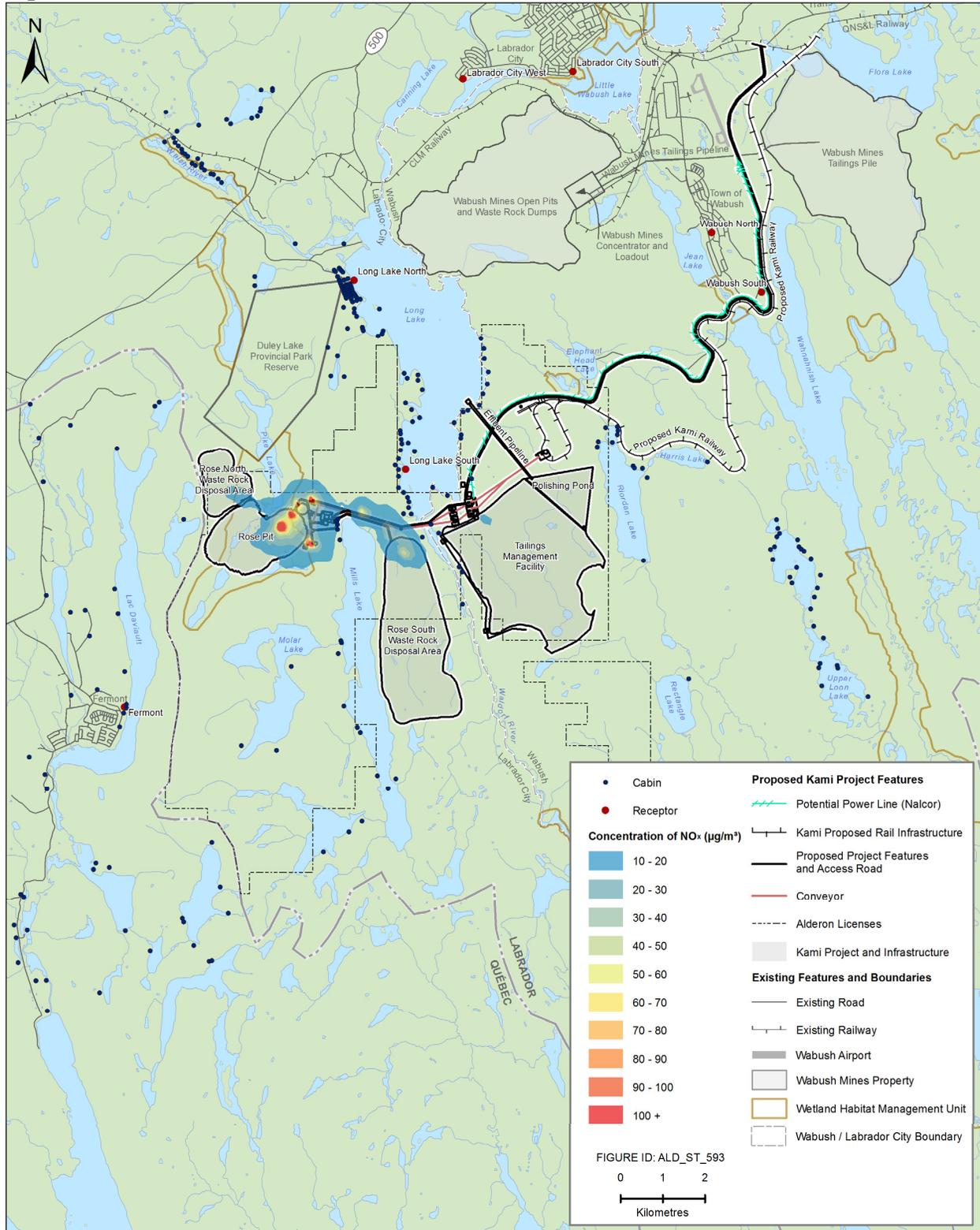**Figure 4   Maximum Predicted 24-hour Ground Level Concentrations, PM$_{2.5}$**

Figure 5   **Maximum Predicted 1-hour Ground Level Concentrations, NO$_X$**

Figure 6   Maximum Predicted 24-hour Ground Level Concentrations, NO$_x$

Figure 7   Maximum Predicted Annual Ground Level Concentrations, NO$_x$

APPENDIX B

Baseline Air Monitoring Data

Site 1 - Fermont (Summer/Winter)
$PM_{2.5}$, PM_{10} Measurements
versus
Daily Wind Direction
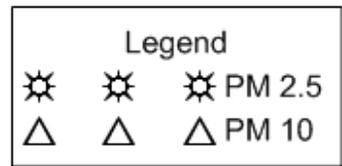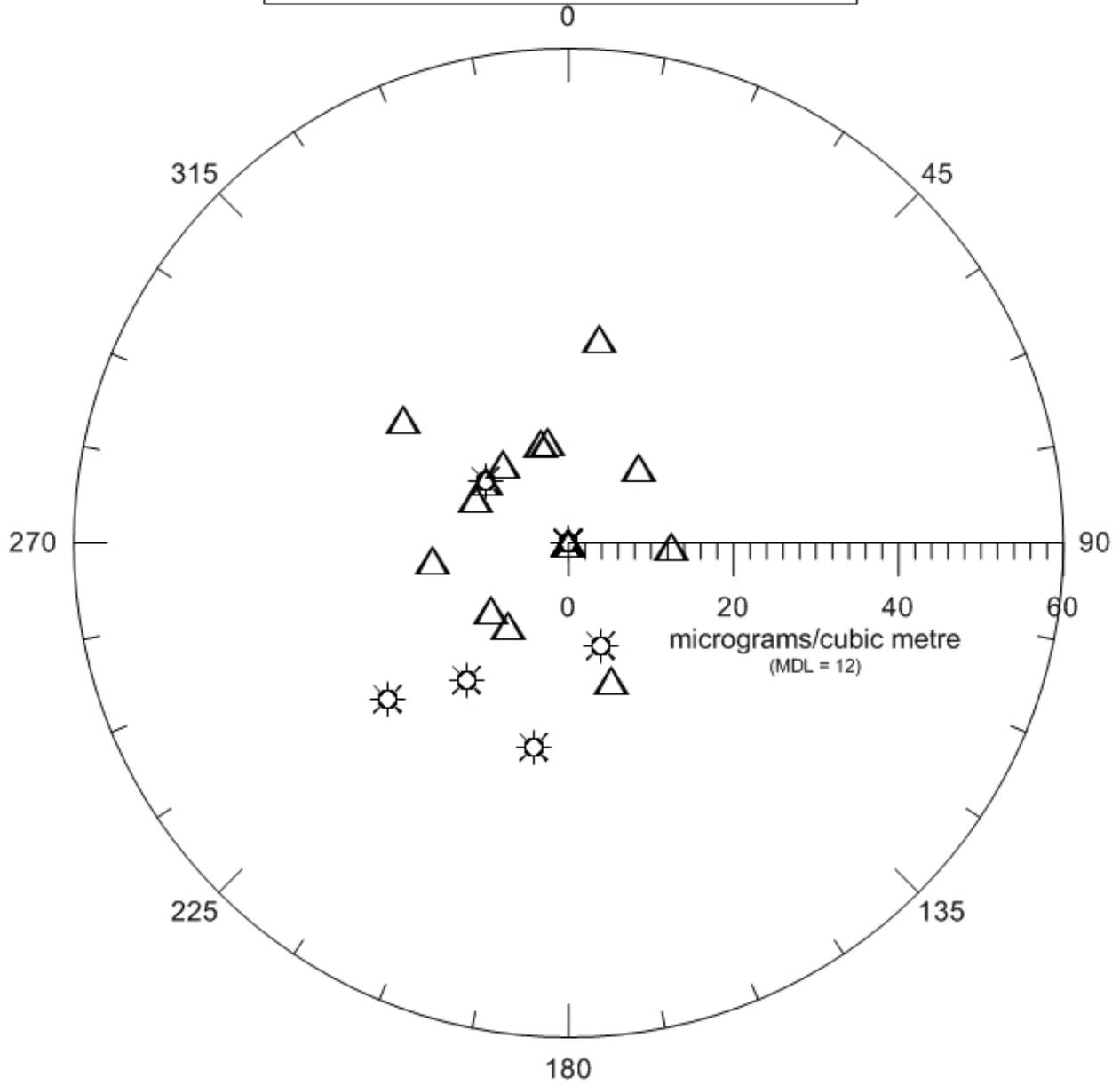
Site 2 - Duley Park (Summer)
$PM_{2.5}$, PM_{10} Measurements
versus
Daily Wind Direction
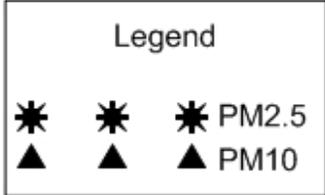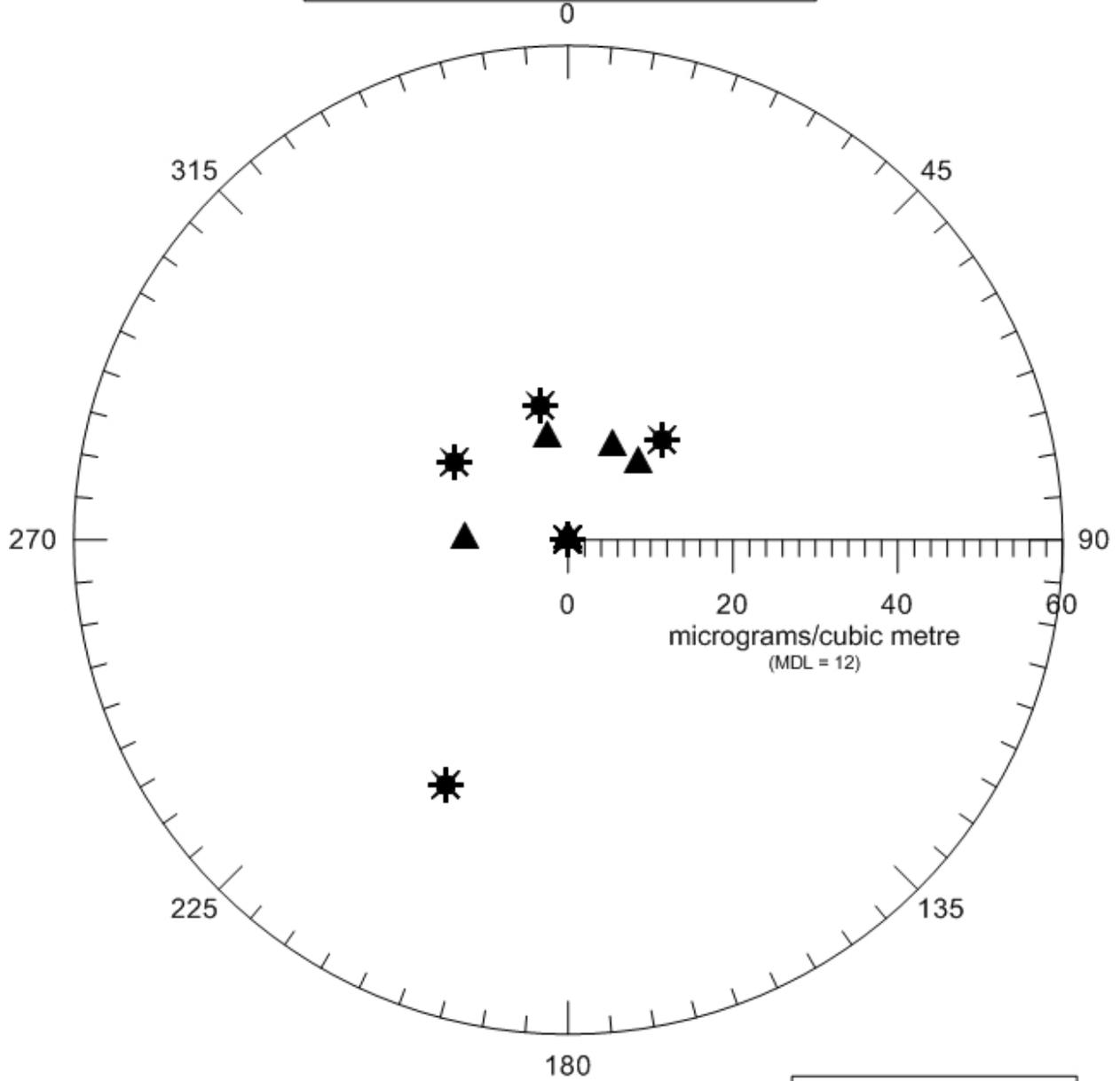
Site 1 - Wabush (Summer/Winter)
PM$_{2.5}$, PM$_{10}$ Measurements
versus
Daily Wind Direction