

# **HAINES SURVEYS**

**GRAVITY SURVEY SPECIALISTS**

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0903

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PLEIADES RESOURCES PTY. LTD.  
MARCH 2009**

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## Introduction

A detail GPS gravity survey designated as Balfour Gravity Survey have been carried out in an area approximately 50kms SW of Smithton in Tasmania. The survey was conducted from the 23<sup>rd</sup> February 2009 to 27<sup>th</sup> March 2009 on behalf of Pleiades Resources Pty. Ltd.

The actual gravity survey comprises of 1355 detail gravity stations on 73 W-E lines. The lines are coincident with AGD84 Zone 55 with line intervals of 400/800m and station intervals of 200/400m. Towards the end of the survey some infill lines 200m apart with stations at 100m were completed about a central area located at AMG84 Zone 55 (approx) 323,630mE 5429520mN. The original survey was bounded in the west by AMG84 Zone 55 317400E, in the east by 329800E, in the south by 5418000N and in the north by 5439700N.

There were 87 observations repeated for quality control purposes, giving a repeat percentage of 6.4%. All gravity stations were completed. Note; some of the stations may have been slightly offset from their planned position due to vegetation and terrain.

The Bouguer anomaly processing has been performed using a country rock density of 2.67 g/cc. Figure 1 shows the location of the survey areas.

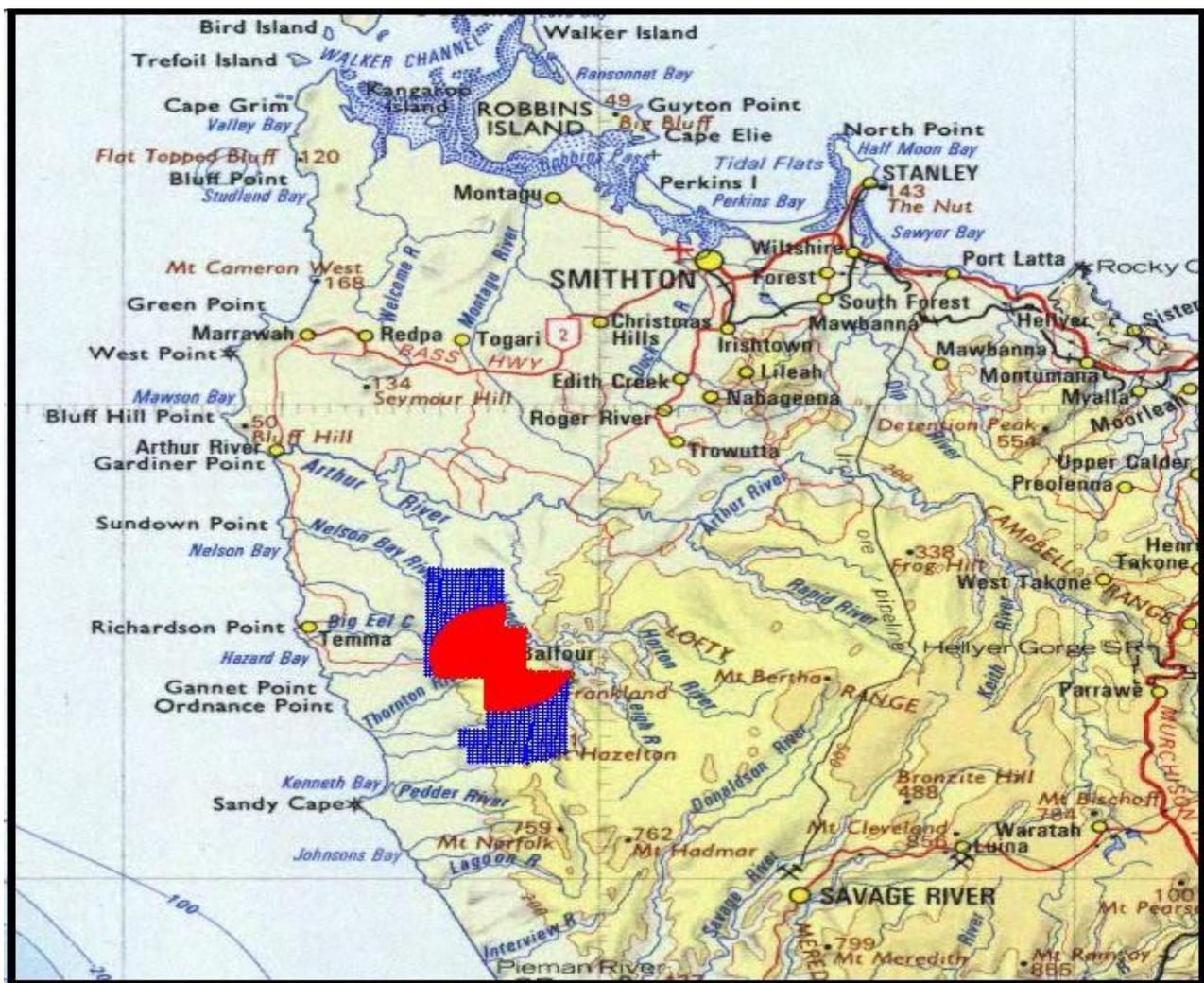


Figure 1. Location Diagram

## **GPS Survey and Gravity Datum**

Horizontal Datum: Australian Geodetic Datum 1984 (AGD84)  
 Australian Map Grid 1984 (AMG84)  
 Zone 55

Vertical Datum: Australian Height Datum (AHD)

Gravity Datum: Isogal 1984 / IGSN 71

## **Survey and Gravity Base Stations**

Base stations were established in the survey area. The base stations were placed on hills central to the project area to provide good VHF radio coverage. The bases were designated as HS2009.0301 and HS2009.0302 . The actual base is marked with a short star picket driven flush with the natural surface. The base is witnessed by a long star picket within 0.3m of the ground mark standing about 1m tall. Two aluminium tags are attached with the inscription "Haines Surveys" and "Gravity HS2009.030N" where N = 1 or 2.

A sub-base was located within 5 minutes drive of the main base to provide a backup base station to the main base in case loop ties to the main base were poor.

Gravity control for HS2009.0301 was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using BABAB ties from Smithton A/S terminal 1964919142. The values for from Smithton A/S terminal 1964919142 were attained from Geoscience Australia in Canberra. BABAB ties were made over 2 days to within 0.01 milligals. Gravity control for HS2009.0302 was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using ABA ties from HS2009.0301. ABA ties were made over 2 days to within 0.01 milligals.

Horizontal and vertical control has been established using the AUSPOS online GPS processing service provided by Geoscience Australia. This method provides control within the GDA94 Datum to within +/- 5 cm. It largely replaces the need for finding local survey marks or allows accurate control to be established when local marks are not available.

A total of 42.1 hours ( at 10 second intervals ) of observations were logged over 5 days. The following outlines the cartesian coordinate precision attained per day.

1 Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
0301	0.011	0.014	0.012	2009/02/23
0301	0.010	0.009	0.007	2009/02/24
0301	0.007	0.008	0.012	2009/02/25
0302	0.013	0.012	0.010	2009/03/17
0302	0.012	0.009	0.008	2009/03/18

AGD84 values have then been determined from these GDA94 values using the best available distortion grid parameters provided by Geoscience Australia. This process now allows the survey to be conducted in the AGD84 Datum.

WGS84 values for the control are now determined from the AGD84 Datum using the

ICSM published 7 parameters for WGS84 to AGD84. This now allows for all GPS calculations to be made on the WGS84 Datum. Final values for the gravity stations on the survey are then converted back to AGD84 from the WGS84 Datum using these same ICSM parameters.

Vertical control has been converted to an Australian Height Datum (AHD) height using the GDA94 height determined from AUSPOS (held fixed as the WGS84 height) and the AUSGEOID98 gravimetric geoid.

## **Survey and Gravity Control Values**

Control information (**WGS84 heights have been derived using AusGeoid98**):

### **0903\_Balfour 2009 SURVEY/GRAVITY CONTROL**

Station	GDA94 (WGS84)			AMG Zone 55		AHD	Isogal84
	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mgal
2009.0301	-41 15 37.08380	144 53 03.17150	251.647	322642.400	5430004.499	254.429	980246.563
2009.0302	-41 18 14.76205	144 54 41.92657	262.310	325057.567	5425197.322	265.109	980245.204
1964919142	-40 49 42.6432	145 05 01.9536	5.7				980262.630

## **GPS Observations and Processing**

Carrier phase GPS data has been collected using *Trimble 4000* series Geodetic receivers.

Measurements for detail gravity observations have been made using Real Time Kinematic (RTK) techniques including Post Processed Infill giving horizontal and vertical precisions of at least 5 cm.

RTK processing has been completed using Trimble TSC1 firmware and Trimble Geomatics Office version 1.50 software.

## **Gravity Observations**

Gravity measurements have been made using the *Scintrex CG5 Autograv* instruments numbered 19401 and 9360 .

Readings of 120 seconds were taken at base stations. Readings of 40 seconds were taken at all other gravity survey points. Base station readings were taken at the beginning of the day and at the end of the day's fieldwork.

All Autograv instruments apply an instrument drift correction to their final gravity readings. Any residual drifts between opening and closing base station readings are corrected by the gravity post processing software. The instruments also apply Earth Tide Corrections to their final gravity reading at each station. The various instrument calibration constants are contained in the daily gravity data files.

## **Point Numbering and Marking**

For the gravity surveys an 8 digit point number is used to identify each gravity station. The first 4 digits indicate the line number. The second 4 digits indicate the station number

For the gravity survey, the lines were West-East on AMG84 and the 8 digits are constructed from the planned coordinates for each gravity station using:

$$\text{Line No} = (\text{AMG N} - 5400000) / 100 \quad \text{Station No} = (\text{AMG E} - 300000) / 10$$

For example:

Planned gravity station coordinates

5491300.000N

310400.000E

Line No = 9130

Station No = 1040

That is Pt No = 91301040

Station numbers have not been expanded in the processed data.

## **Gravity Processing**

The gravity values for this survey are related to the *Australian Gravity Base Station Network* using the *Isogal84 (IGSN 71)* values at known Gravity Stations as provided by *Geoscience Australia*.

***Note that all gravity values shown in these surveys are expressed in units of milligals.***

The field gravity observations have been processed using standard formulae and constants to produce a Bouguer Anomaly for each gravity station.

The meter reading as recorded in the raw Scintrex data file is corrected for instrument tilts, meter drift and Earth Tide. Post processing corrections are detailed below.

### Drift

The residual drift between base station readings is calculated for each station reading proportionately by time. This is the drift value shown in the processing output.

$$\text{Drift} = [ (t_1 - t_n) ((b_2 - b_1) / (t_2 - t_1)) ]$$

$t_n$  = time of meter reading at each station

$b_1$  = base meter reading prior to station reading

$t_1$  = time of base reading  $b_1$

$b_2$  = base meter reading after station reading

$t_2$  = time of base reading  $b_2$

### Observed Gravity

This is the observed gravity value in milligals.

$$\text{Obs}_g = b_g + (r_n - \text{drift}) - b_1$$

- $b_g$  = base stn gravity value (Isogal84)  
 $r_n$  = meter reading at each station as shown in the gravity meter log file  
 drift = residual drift correction as shown above  
 $b_1$  = base meter reading prior to station reading

### Anomaly

This is the difference between the observed gravity and the theoretical gravity value at each station. The theoretical value is calculated using the *1967 International Gravity Formula*.

$$\text{Anom} = \text{Obs} - g_{\text{th}}$$

Obs = observed gravity as explained above

$$g_{\text{th}} = 978031.8 ( 1 + 0.0053024 \sin^2 \phi - 0.0000059 \sin^2 2\phi )$$

$\phi$  = WGS84 Latitude

### Free Air Correction

The freeair correction is calculated using

$$\text{Freeair} = 0.3086 H$$

H = height above sea level (AHD height)

### Bouguer Correction

$$\text{Bouguer} = -0.04191 \rho H$$

$\rho$  = density (2.67 g/cc used for this survey )

H = height above sea level (AHD height)

### Bouguer Anomaly

$$\text{Bouguer Anom} = \text{Anom} + \text{Freeair} + \text{Bouguer}$$

## **Results Formats**

Printed results of the gravity processing (with Bouguer corrections at density 2.67 g/cc) are included at the end of this report. Results are also supplied in digital form on Compact Disc with the following of files being supplied in a separate sub directory called Processed Data.

ALLCSV.CSV REPEATS.REP LINE#.BMP

Field gravity observation files with the extension .DAT and .DC and summarised GPS baseline solution files with extension .GPS are also supplied in a separate subdirectory named Raw Data. A digital copy of this report is also on the compact disc in the root Directory

### ALLCSV.CSV Format

This is a Comma Separated Variable format file. This format facilitates data import into spreadsheet and database software. Each record (line) contains the following data fields:

Pt Number, Line No, Station No, Date, Day Number, Local Time, WGS Latitude, WGS Longitude, WGS Height, AMG84 East, AMG84 North, AHD Height, Meter reading, Meter reading standard deviation, Earth Tide Correction, drift correction, corrected meter reading, gravity difference (mgal) from base, observed gravity (mgals), gravity anomaly, free-air correction, Bouguer correction (2.67), Bouguer anomaly

\*.DAT

These are the raw data files from the *Scintrex CG5* gravimeter. There is a separate file for each day's data for each field party. The files are identified by the Julian day number (001 = Jan 1st) with the prefix G. eg. G142 = day 142 (21st May).

\*.BMP

These are line profile files. They are bitmaps of Elevation/Bouguer comparisons of line profiles.

**Repeat Observation Results**

Pt #	Day	E	N	H	G	Bouguer
29602200	D 54	322,000.718	5,429,599.793	256.095	980,247.046	+15.545
29602200	D 55	322,000.826	5,429,599.944	256.079	980,247.066	+15.562
		-0.108	-0.151	+0.016	-0.020	-0.017
29602240	D 54	322,399.280	5,429,600.782	260.147	980,245.754	+15.043
29602240	D 60	322,399.127	5,429,600.928	260.055	980,245.751	+15.022
		+0.153	-0.146	+0.092	+0.003	+0.021
29602260	D 54	322,596.996	5,429,602.431	261.339	980,245.292	+14.813
29602260	D 60	322,596.986	5,429,602.600	261.389	980,245.306	+14.837
		+0.010	-0.169	-0.050	-0.014	-0.024
29602260	D 80	322,596.745	5,429,602.730	261.387	980,245.293	+14.824
		+0.251	-0.299	-0.048	-0.001	-0.011
29602260	D 84	322,596.746	5,429,602.874	261.406	980,245.290	+14.825
		+0.250	-0.443	-0.067	+0.002	-0.012
29602280	D 54	322,805.729	5,429,601.942	261.613	980,245.130	+14.700
29602280	D 67	322,806.048	5,429,601.924	261.667	980,245.148	+14.729
		-0.319	+0.018	-0.054	-0.018	-0.029
30002200	D 54	321,999.126	5,429,999.934	250.333	980,247.911	+15.600
30002200	D 55	321,999.247	5,430,000.034	250.327	980,247.925	+15.613
		-0.121	-0.100	+0.006	-0.014	-0.013
30002220	D 54	322,200.430	5,430,000.761	251.828	980,247.391	+15.370
30002220	D 61	322,200.853	5,430,000.563	251.825	980,247.429	+15.408
		-0.423	+0.198	+0.003	-0.038	-0.038
30002260	D 54	322,600.018	5,430,000.212	252.720	980,246.861	+15.008
30002260	D 59	322,600.069	5,429,999.789	252.653	980,246.884	+15.017
		-0.051	+0.423	+0.067	-0.023	-0.009
30002260	D 84	322,600.147	5,429,999.960	252.718	980,246.906	+15.052
		-0.129	+0.252	+0.002	-0.045	-0.044
30002260	D 85	322,600.148	5,429,999.891	252.700	980,246.887	+15.029
		-0.130	+0.321	+0.020	-0.026	-0.021
30001900	D 55	318,998.260	5,429,998.329	217.999	980,258.506	+19.893
30001900	D 56	318,998.648	5,429,998.878	217.956	980,258.496	+19.875
		-0.388	-0.549	+0.043	+0.010	+0.018

30001920	D 55	319,200.972	5,429,998.450	224.198	980,256.889	+19.491
30001920	D 56	319,201.084	5,429,998.205	224.184	980,256.871	+19.471
		-0.112	+0.245	+0.014	+0.018	+0.020
29201900	D 56	318,999.697	5,429,200.676	204.617	980,261.556	+19.667
29201900	D 57	318,999.680	5,429,200.483	204.620	980,261.532	+19.643
		+0.017	+0.193	-0.003	+0.024	+0.024
29401920	D 56	319,196.515	5,429,401.225	211.634	980,259.882	+19.531
29401920	D 57	319,196.328	5,429,401.496	211.635	980,259.893	+19.543
		+0.187	-0.271	-0.001	-0.011	-0.012
30401920	D 56	319,201.311	5,430,401.631	227.270	980,255.947	+19.479
30401920	D 61	319,201.216	5,430,401.738	227.252	980,255.928	+19.457
		+0.095	-0.107	+0.018	+0.019	+0.022
28801720	D 57	317,213.963	5,428,804.539	174.125	980,270.511	+22.340
28801720	D 58	317,213.956	5,428,804.532	174.065	980,270.534	+22.352
		+0.007	+0.007	+0.060	-0.023	-0.012
28802160	D 57	321,599.339	5,428,802.462	258.242	980,247.752	+16.038
28802160	D 59	321,599.187	5,428,802.373	258.242	980,247.782	+16.068
		+0.152	+0.089	+0.000	-0.030	-0.030
29002160	D 57	321,596.930	5,429,038.225	253.372	980,248.699	+16.217
29002160	D 61	321,596.427	5,429,038.398	253.262	980,248.725	+16.222
		+0.503	-0.173	+0.110	-0.026	-0.005
29201880	D 57	318,793.890	5,429,203.031	201.955	980,262.287	+19.880
29201880	D 58	318,794.394	5,429,201.930	201.988	980,262.250	+19.849
		-0.504	+1.101	-0.033	+0.037	+0.031
27201900	D 58	318,998.544	5,427,208.720	193.235	980,266.096	+20.360
27201900	D 60	318,998.623	5,427,208.985	193.279	980,266.130	+20.403
		-0.079	-0.265	-0.044	-0.034	-0.043
28401900	D 58	319,003.730	5,428,399.670	203.245	980,262.274	+19.468
28401900	D 59	319,003.383	5,428,399.924	203.257	980,262.267	+19.464
		+0.347	-0.254	-0.012	+0.007	+0.004
28402360	D 59	323,594.522	5,428,394.319	236.367	980,250.558	+14.172
28402360	D 62	323,594.267	5,428,394.234	236.337	980,250.550	+14.158
		+0.255	+0.085	+0.030	+0.008	+0.014
28402360	D 64	323,594.549	5,428,394.455	236.324	980,250.550	+14.156
		-0.027	-0.136	+0.043	+0.008	+0.016
30402220	D 61	322,200.004	5,430,401.113	242.419	980,249.232	+15.684
30402220	D 66	322,199.724	5,430,401.276	242.410	980,249.234	+15.684
		+0.280	-0.163	+0.009	-0.002	+0.000
30802220	D 61	322,202.679	5,430,792.146	220.049	980,253.872	+16.240
30802220	D 66	322,202.639	5,430,791.566	220.075	980,253.846	+16.218
		+0.040	+0.580	-0.026	+0.026	+0.022
30802240	D 61	322,397.012	5,430,799.314	223.108	980,253.125	+16.096
30802240	D 67	322,397.162	5,430,798.945	223.101	980,253.157	+16.126
		-0.150	+0.369	+0.007	-0.032	-0.030
30802240	D 81	322,397.458	5,430,799.113	223.100	980,253.129	+16.099
		-0.446	+0.201	+0.008	-0.004	-0.003

29202320	D 61	323,197.295	5,429,207.283	268.640	980,243.796	+14.422
29202320	D 65	323,197.479	5,429,207.245	268.605	980,243.801	+14.420
		-0.184	+0.038	+0.035	-0.005	+0.002
29202320	D 77	323,197.309	5,429,207.585	268.671	980,243.803	+14.436
		-0.014	-0.302	-0.031	-0.007	-0.014
29002320	D 61	323,205.975	5,429,000.340	272.480	980,242.699	+13.913
29002320	D 84	323,205.856	5,429,000.297	272.496	980,242.718	+13.936
		+0.119	+0.043	-0.016	-0.019	-0.023
28802320	D 61	323,212.598	5,428,817.906	272.564	980,242.577	+13.661
28802320	D 65	323,212.623	5,428,817.922	272.547	980,242.587	+13.667
		-0.025	-0.016	+0.017	-0.010	-0.006
27202380	D 62	323,798.557	5,427,201.065	281.371	980,241.454	+12.953
27202380	D 64	323,798.491	5,427,200.982	281.370	980,241.455	+12.954
		+0.066	+0.083	+0.001	-0.001	-0.001
27202400	D 64	324,002.009	5,427,199.204	260.539	980,246.289	+13.685
27202400	D 71	324,001.863	5,427,198.943	260.498	980,246.305	+13.692
		+0.146	+0.261	+0.041	-0.016	-0.007
27202400	D 74	324,002.042	5,427,199.140	260.549	980,246.293	+13.691
		-0.033	+0.064	-0.010	-0.004	-0.006
27202400	D 83	324,001.892	5,427,199.293	260.524	980,246.288	+13.681
		+0.117	-0.089	+0.015	+0.001	+0.004
27602400	D 64	323,996.633	5,427,598.529	253.752	980,247.426	+13.809
27602400	D 71	323,996.452	5,427,598.186	253.800	980,247.460	+13.853
		+0.181	+0.343	-0.048	-0.034	-0.044
28802520	D 65	325,198.787	5,428,800.964	208.515	980,255.916	+14.349
28802520	D 78	325,198.645	5,428,800.882	208.519	980,255.955	+14.388
		+0.142	+0.082	-0.004	-0.039	-0.039
28802540	D 65	325,405.673	5,428,840.833	204.882	980,256.321	+14.067
28802540	D 78	325,405.616	5,428,841.179	204.920	980,256.364	+14.118
		+0.057	-0.346	-0.038	-0.043	-0.051
28802540	D 80	325,405.854	5,428,841.163	204.910	980,256.319	+14.071
		-0.181	-0.330	-0.028	+0.002	-0.004
31202220	D 66	322,201.465	5,431,198.795	212.985	980,255.084	+16.390
31202220	D 72	322,201.420	5,431,198.751	212.999	980,255.082	+16.391
		+0.045	+0.044	-0.014	+0.002	-0.001
31202220	D 79	322,201.148	5,431,198.252	213.004	980,255.077	+16.387
		+0.317	+0.543	-0.019	+0.007	+0.003
31402200	D 66	322,008.013	5,431,412.465	204.225	980,257.097	+16.857
31402200	D 68	322,008.267	5,431,412.559	204.217	980,257.108	+16.866
		-0.254	-0.094	+0.008	-0.011	-0.009
31602200	D 66	321,999.782	5,431,608.290	204.481	980,256.991	+16.959
31602200	D 68	321,999.348	5,431,608.353	204.468	980,257.006	+16.972
		+0.434	-0.063	+0.013	-0.015	-0.013
29602420	D 67	324,187.298	5,429,605.219	202.544	980,257.657	+15.584
29602420	D 76	324,187.354	5,429,605.559	202.548	980,257.668	+15.596
		-0.056	-0.340	-0.004	-0.011	-0.012
29602420	D 76	324,187.354	5,429,605.559	202.548	980,257.654	+15.582
		-0.056	-0.340	-0.004	+0.003	+0.002
29602420	D 79	324,187.249	5,429,605.506	202.547	980,257.665	+15.593
		+0.049	-0.287	-0.003	-0.008	-0.009

30002280	D 67	322,799.813	5,430,001.526	256.335	980,246.088	+14.943
30002280	D 69	322,800.025	5,430,001.713	256.169	980,246.112	+14.935
		-0.212	-0.187	+0.166	-0.024	+0.008
32402160	D 68	321,599.579	5,432,401.897	187.998	980,260.676	+18.051
32402160	D 69	321,599.781	5,432,401.827	187.990	980,260.654	+18.027
		-0.202	+0.070	+0.008	+0.022	+0.024
32802160	D 69	321,598.450	5,432,801.653	187.674	980,260.527	+18.160
32802160	D 70	321,598.683	5,432,802.045	187.646	980,260.559	+18.187
		-0.233	-0.392	+0.028	-0.032	-0.027
33202160	D 69	321,602.307	5,433,199.123	186.879	980,260.388	+18.186
33202160	D 70	321,602.289	5,433,199.097	186.867	980,260.391	+18.187
		+0.018	+0.026	+0.012	-0.003	-0.001
34002160	D 70	321,600.675	5,434,003.038	192.331	980,258.728	+18.247
34002160	D 72	321,600.872	5,434,003.284	192.362	980,258.776	+18.302
		-0.197	-0.246	-0.031	-0.048	-0.055
26402480	D 71	324,795.543	5,426,404.357	228.499	980,252.761	+13.197
26402480	D 74	324,795.539	5,426,404.222	228.478	980,252.787	+13.219
		+0.004	+0.135	+0.021	-0.026	-0.022
25202500	D 74	325,000.757	5,425,197.466	257.110	980,247.046	+12.131
25202500	D 76	325,001.165	5,425,197.589	256.996	980,247.039	+12.102
		-0.408	-0.123	+0.114	+0.007	+0.029
25202500	D 76	325,001.165	5,425,197.589	256.996	980,247.061	+12.124
		-0.408	-0.123	+0.114	-0.015	+0.007
26802440	D 74	324,415.424	5,426,803.795	234.794	980,251.070	+13.074
26802440	D 74	324,415.424	5,426,803.795	234.794	980,251.062	+13.066
		+0.000	+0.000	+0.000	+0.008	+0.008
25602520	D 74	325,193.096	5,425,594.943	247.202	980,249.136	+12.590
25602520	D 75	325,193.107	5,425,594.900	247.165	980,249.131	+12.577
		-0.011	+0.043	+0.037	+0.005	+0.013
25602520	D 83	325,193.144	5,425,595.054	247.215	980,249.140	+12.596
		-0.048	-0.111	-0.013	-0.004	-0.006
24802520	D 76	325,183.168	5,424,799.272	258.961	980,246.878	+12.002
24802520	D 77	325,182.846	5,424,799.064	258.890	980,246.870	+11.980
		+0.322	+0.208	+0.071	+0.008	+0.022
24802740	D 76	327,401.634	5,424,791.282	205.561	980,256.521	+11.092
24802740	D 77	327,401.637	5,424,791.293	205.566	980,256.527	+11.099
		-0.003	-0.011	-0.005	-0.006	-0.007
24802740	D 78	327,401.665	5,424,791.336	205.594	980,256.535	+11.113
		-0.031	-0.054	-0.033	-0.014	-0.021
24402520	D 76	325,197.752	5,424,399.035	251.463	980,248.649	+11.975
24402520	D 77	325,197.619	5,424,399.434	251.556	980,248.630	+11.975
		+0.133	-0.399	-0.093	+0.019	+0.000
23602540	D 77	325,405.899	5,423,600.749	264.548	980,246.065	+11.316
23602540	D 82	325,405.869	5,423,600.671	264.532	980,246.044	+11.292
		+0.030	+0.078	+0.016	+0.021	+0.024
23802540	D 77	325,388.439	5,423,804.729	256.607	980,247.734	+11.588
23802540	D 80	325,388.373	5,423,804.438	256.579	980,247.725	+11.573
		+0.066	+0.291	+0.028	+0.009	+0.015
23802540	D 82	325,388.194	5,423,804.617	256.563	980,247.706	+11.552
		+0.245	+0.112	+0.044	+0.028	+0.036

25602860	D 77	328,600.682	5,425,602.141	191.728	980,257.236	+9.718
25602860	D 78	328,601.118	5,425,600.836	191.660	980,257.272	+9.740
		-0.436	+1.305	+0.068	-0.036	-0.022
27602680	D 78	326,799.514	5,427,596.562	281.819	980,238.659	+10.507
27602680	D 80	326,800.275	5,427,596.458	281.818	980,238.610	+10.458
		-0.761	+0.104	+0.001	+0.049	+0.049
27602720	D 78	327,199.452	5,427,599.441	255.395	980,245.139	+11.784
27602720	D 81	327,199.399	5,427,599.639	255.393	980,245.116	+11.761
		+0.053	-0.198	+0.002	+0.023	+0.023
26402700	D 80	327,007.737	5,426,404.481	379.580	980,217.991	+8.102
26402700	D 81	327,007.931	5,426,405.309	379.506	980,218.021	+8.118
		-0.194	-0.828	+0.074	-0.030	-0.016
23402500	D 80	324,996.926	5,423,400.441	242.517	980,251.303	+12.067
23402500	D 83	324,996.997	5,423,400.064	242.516	980,251.301	+12.064
		-0.071	+0.377	+0.001	+0.002	+0.003
35602200	D 81	321,959.136	5,435,571.746	197.979	980,257.040	+18.929
35602200	D 82	321,959.260	5,435,571.673	198.000	980,257.068	+18.962
		-0.124	+0.073	-0.021	-0.028	-0.033
36402120	D 81	321,217.217	5,436,400.205	188.294	980,258.883	+19.551
36402120	D 82	321,217.388	5,436,400.376	188.291	980,258.882	+19.549
		-0.171	-0.171	+0.003	+0.001	+0.002
22802640	D 82	326,429.618	5,422,793.889	292.908	980,239.850	+10.008
22802640	D 83	326,429.528	5,422,793.836	292.984	980,239.861	+10.034
		+0.090	+0.053	-0.076	-0.011	-0.026
29802280	D 84	322,797.313	5,429,800.988	258.767	980,245.746	+14.918
29802280	D 85	322,797.344	5,429,801.002	258.769	980,245.714	+14.886
		-0.031	-0.014	-0.002	+0.032	+0.032
29702280	D 85	322,797.057	5,429,698.267	258.598	980,245.763	+14.818
29702280	D 86	322,796.852	5,429,698.598	258.493	980,245.742	+14.777
		+0.205	-0.331	+0.105	+0.021	+0.041
30202280	D 85	322,799.654	5,430,197.688	253.094	980,246.715	+15.091
30202280	D 86	322,799.952	5,430,197.745	252.973	980,246.743	+15.095
		-0.298	-0.057	+0.121	-0.028	-0.004
30202280	D 86	322,799.952	5,430,197.745	252.973	980,246.734	+15.086
		-0.298	-0.057	+0.121	-0.019	+0.005

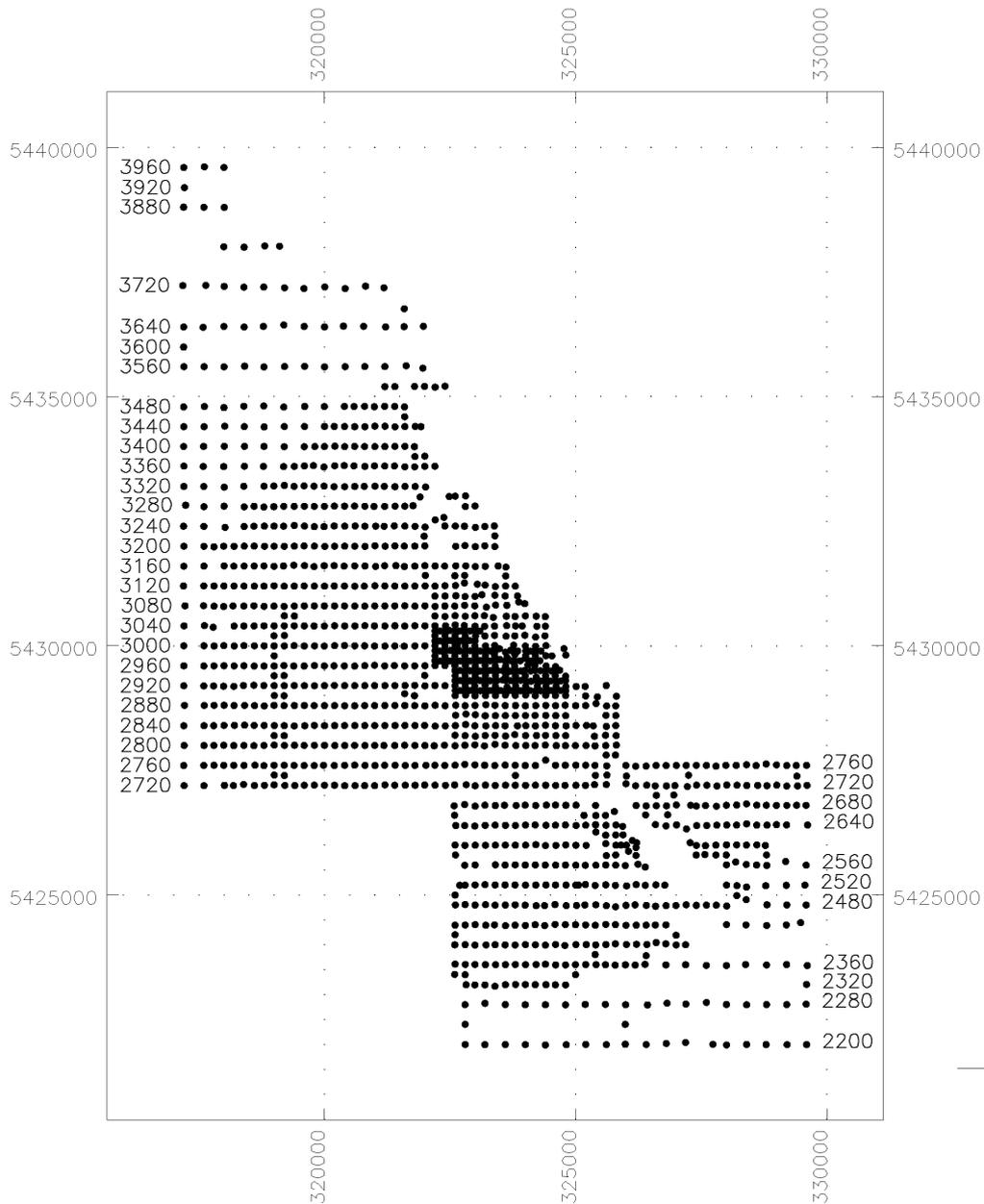
## Production Log

### 0903\_Balfour 2009 Production log

Date	Day#	Crew A	Crew B	Repeats	Comments
23/02/2009	54	9	0	0	setup base 2009.0301, grav control, rain
24/02/2009	55	32	0	2	wind, rain
25/02/2009	56	42	0	3	3040.1800 couldn't reach point due to thick scrub
					problems with a large hill of forrest which was very thick.
					There were a few creek lines which have very thick vegetation around them.
26/02/2009	57	46	0	2	2900.2160 offset due to thick scrub, some of the tracks completely inaccesable
27/02/2009	58	39	0	2	very strong winds all day
28/02/2009	59	48	0	3	big hills today. lots of climbing
1/03/2009	60	47	0	3	the terrain was ok, mt balfour was a bit of a climb
2/03/2009	61	50	0	3	hills
3/03/2009	62	1	0	1	rained out
4/03/2009	63	0	0	0	rained out
5/03/2009	64	39	0	2	morning rain, thick scrub - tall trees
6/03/2009	65	40	0	2	thick scrub and tall grass
7/03/2009	66	49	0	2	showers, swamps
8/03/2009	67	30	0	2	tracks are heavily overgrown in this area,thick scrub
9/03/2009	68	46	0	2	
10/03/2009	69	43	0	2	difficult terrain, lots of unseen washouts, thick scrub
11/03/2009	70	40	0	2	
12/03/2009	71	29	0	2	mountains, thick scrub
13/03/2009	72	36	0	2	very thick scrub
14/03/2009	73	0	0	0	heavy rain
15/03/2009	74	36	32	4	rain
16/03/2009	75	0	25	1	thick scrub, heavy rain, very windy
17/03/2009	76	17	14	4	rain
18/03/2009	77	42	19	5	very hilly terrain
19/03/2009	78	31	17	4	long walk to get to the points, lines were also forrested, rough terrain and a river
20/03/2009	79	26	22	4	bogged
21/03/2009	80	24	35	4	crew a got onto mt frankland and clambered over the mountain, very thick scrub
22/03/2009	81	25	25	4	rain,cold, windy, misty, Plenty of rivers/creeks to cross
23/03/2009	82	22	25	4	
24/03/2009	83	12	15	4	big hills, big scrub, big rivers
25/03/2009	84	18	23	3	
26/03/2009	85	36	48	5	thick scrub, creeks, very strong winds, rain
27/03/2009	86	49	51	4	complete survey
<b>SUB TOTAL</b>		<b>1004</b>	<b>351</b>	<b>87</b>	
<b>TOTAL ALL</b>		<b>1355</b>		<b>87</b>	

## Plots

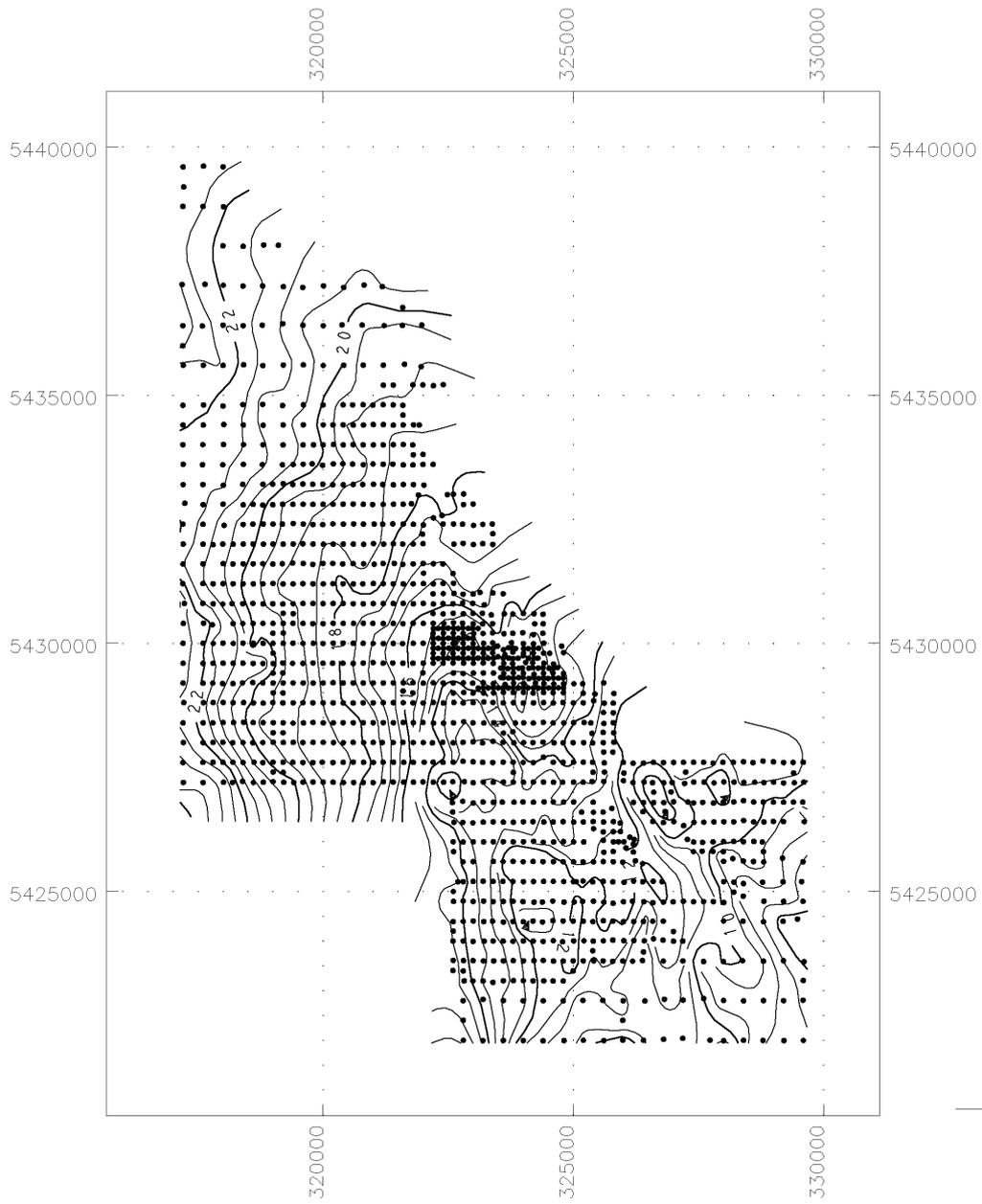
Station Locations	13
Stations and Bouguer Anomaly Contours	14
Bouguer Anomaly Contours and Zoned Image	15
Residual Plot	16
Elevation Plot	17



### Balfour Gravity Survey Station locations

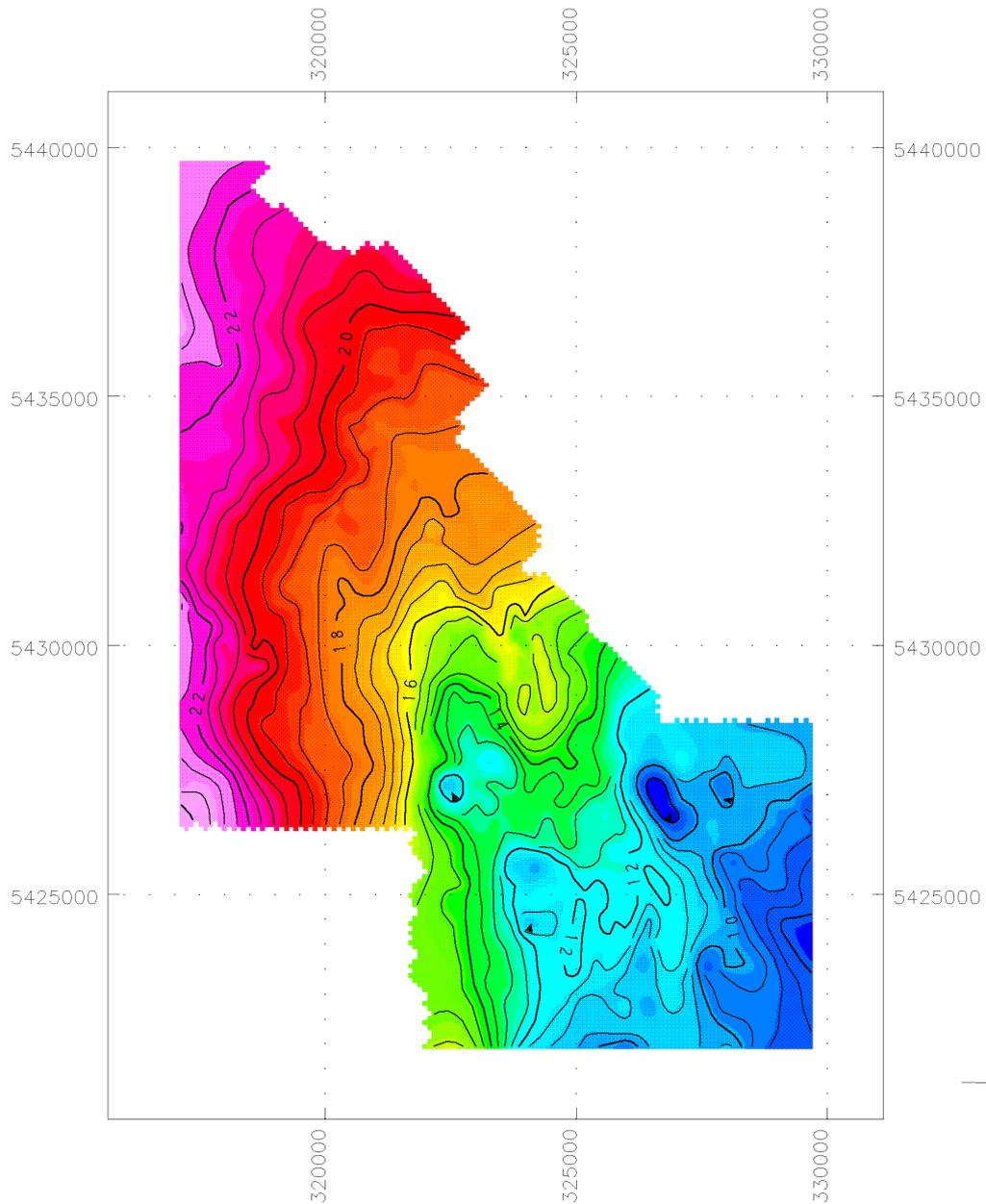
Haines Surveys Pty. Ltd. March 2009





Balfour Gravity Survey  
Station locations and Bouguer anomaly contours (mGals)  
Haines Surveys Pty. Ltd. March 2009

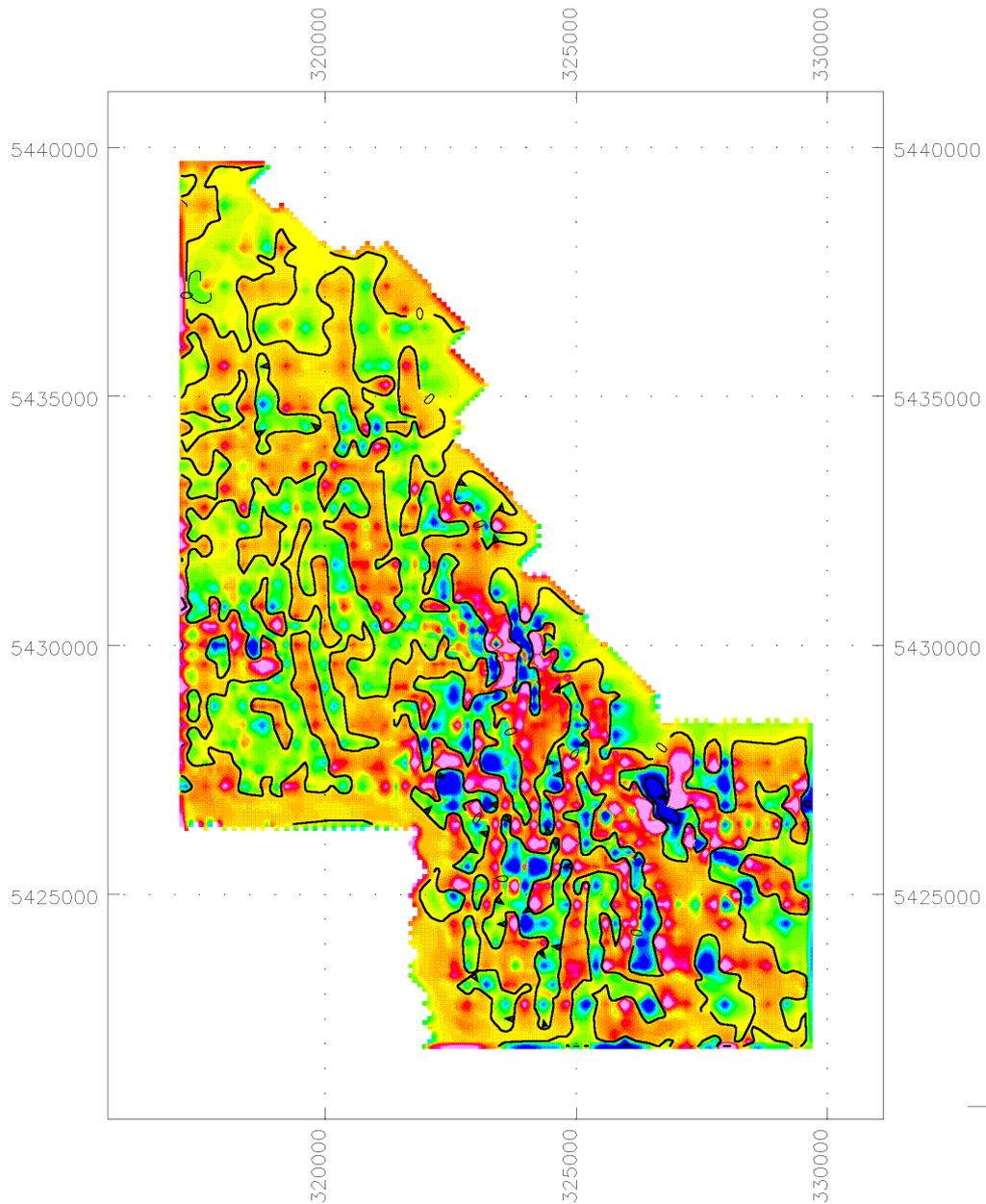




Balfour Gravity Survey  
Bouguer Plot

Haines Surveys Pty. Ltd. March 2009

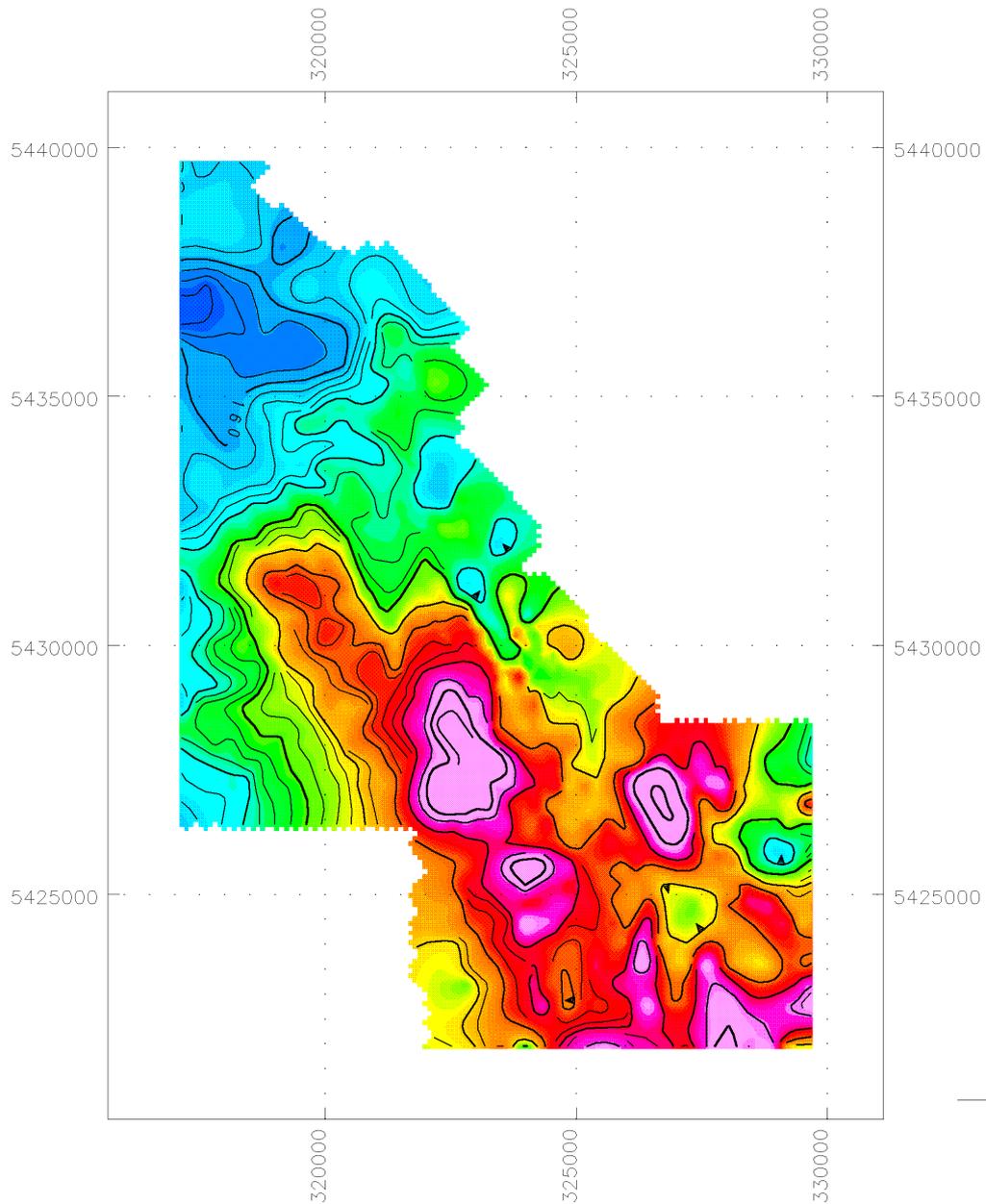




Balfour Gravity Survey  
Residual Plot

Haines Surveys Pty. Ltd. March 2009

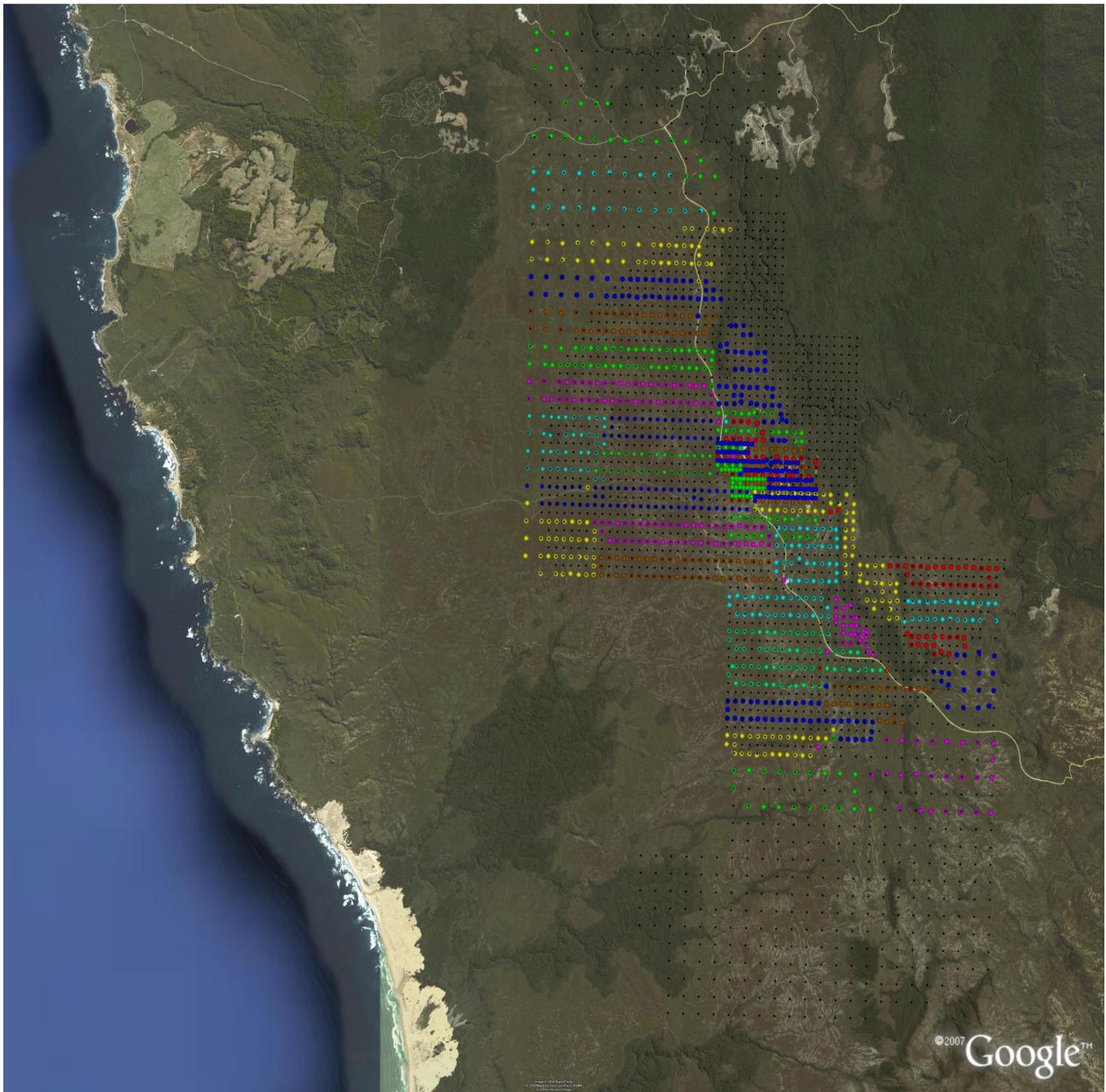




### Balfour Gravity Survey Elevation Plot

Haines Surveys Pty. Ltd. March 2009





**LINE PROFILE BITMAPS**

The following line profile bitmaps are located on the CD disc in the processed files folder accompanying this report.

- |          |          |          |
|----------|----------|----------|
| 2200.BMP | 2780.BMP | 3140.BMP |
| 2240.BMP | 2800.BMP | 3160.BMP |
| 2280.BMP | 2820.BMP | 3200.BMP |
| 2320.BMP | 2840.BMP | 3220.BMP |
| 2340.BMP | 2860.BMP | 3240.BMP |
| 2360.BMP | 2880.BMP | 3260.BMP |
| 2380.BMP | 2900.BMP | 3280.BMP |
| 2400.BMP | 2910.BMP | 3300.BMP |
| 2420.BMP | 2920.BMP | 3320.BMP |
| 2440.BMP | 2930.BMP | 3360.BMP |
| 2480.BMP | 2940.BMP | 3380.BMP |
| 2500.BMP | 2950.BMP | 3400.BMP |
| 2520.BMP | 2960.BMP | 3440.BMP |
| 2560.BMP | 2970.BMP | 3460.BMP |
| 2580.BMP | 2980.BMP | 3480.BMP |
| 2600.BMP | 2990.BMP | 3520.BMP |
| 2605.BMP | 3000.BMP | 3560.BMP |
| 2620.BMP | 3010.BMP | 3640.BMP |
| 2640.BMP | 3020.BMP | 3680.BMP |
| 2660.BMP | 3030.BMP | 3720.BMP |
| 2680.BMP | 3040.BMP | 3800.BMP |
| 2700.BMP | 3060.BMP | 3880.BMP |
| 2720.BMP | 3080.BMP | 3960.BMP |
| 2740.BMP | 3100.BMP |          |
| 2760.BMP | 3120.BMP |          |

**GRAVITY PROCESSING RESULTS**

COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
E	N	x	y		meter	mgal		corr	corr	anom	(AHD)
											(2.67)
D54											
322642.4	5430004.5	0	301	+0.000	5043.048	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	5043.048	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.094	5043.048	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5043.142	980246.563	-34.998	78.517	-28.471	15.049	254.429
322000.7	5429599.8	2960	2200	-0.087	5043.531	980247.046	-34.829	79.031	-28.657	15.545	256.095
322200.4	5429601.2	2960	2220	-0.089	5042.907	980246.422	-35.456	79.667	-28.887	15.323	258.155
322399.3	5429600.8	2960	2240	-0.090	5042.239	980245.754	-36.128	80.281	-29.110	15.043	260.147
322597.0	5429602.4	2960	2260	-0.091	5041.777	980245.292	-36.593	80.649	-29.244	14.813	261.339
322805.7	5429601.9	2960	2280	-0.093	5041.615	980245.130	-36.759	80.734	-29.274	14.700	261.613
321999.1	5429999.9	3000	2200	-0.085	5044.396	980247.911	-33.641	77.253	-28.012	15.600	250.333
322200.4	5430000.8	3000	2220	-0.084	5043.876	980247.391	-34.164	77.714	-28.179	15.370	251.828
322399.9	5429999.4	3000	2240	-0.083	5044.304	980247.819	-33.741	76.855	-27.868	15.246	249.044
322600.0	5430000.2	3000	2260	-0.080	5043.346	980246.861	-34.702	77.989	-28.279	15.008	252.720
D54											
322642.4	5430004.5	0	301	+0.000	3795.605	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	3795.605	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.014	3795.609	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	3795.595	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.062	3795.599	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	3795.537	980246.563	-34.998	78.517	-28.471	15.049	254.429
D55											
322642.4	5430004.5	0	301	+0.000	5043.830	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.003	5043.830	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.058	5043.833	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5043.891	980246.563	-34.998	78.517	-28.471	15.049	254.429
321995.0	5429405.4	2940	2200	-0.056	5042.985	980245.715	-36.317	81.198	-29.443	15.439	263.118
319193.8	5429602.8	2960	1920	-0.039	5055.463	980258.193	-23.624	67.748	-24.566	19.558	219.532

319389.7	5429595.5	2960	1940	-0.040	5054.327	980257.057	-24.770	69.206	-25.094	19.342	224.258
319597.5	5429595.1	2960	1960	-0.041	5053.885	980256.615	-25.216	69.570	-25.226	19.127	225.436
319800.0	5429604.2	2960	1980	-0.042	5051.957	980254.687	-27.141	71.909	-26.075	18.694	233.017
319997.7	5429598.0	2960	2000	-0.043	5051.120	980253.850	-27.986	72.658	-26.346	18.326	235.444
320189.1	5429598.8	2960	2020	-0.044	5050.432	980253.162	-28.678	73.612	-26.692	18.242	238.534
320395.3	5429597.2	2960	2040	-0.045	5049.336	980252.066	-29.779	74.821	-27.131	17.912	242.454
320600.9	5429594.2	2960	2060	-0.045	5048.416	980251.146	-30.706	75.534	-27.389	17.439	244.763
320801.0	5429600.9	2960	2080	-0.047	5047.694	980250.424	-31.426	76.205	-27.632	17.147	246.939
320997.0	5429609.3	2960	2100	-0.048	5047.065	980249.795	-32.052	76.707	-27.814	16.841	248.565
321198.2	5429597.2	2960	2120	-0.049	5047.056	980249.786	-32.075	76.264	-27.654	16.535	247.129
321391.0	5429602.7	2960	2140	-0.050	5050.890	980253.620	-28.240	70.029	-25.393	16.396	226.925
321595.1	5429598.4	2960	2160	-0.052	5046.191	980248.921	-32.947	77.008	-27.924	16.138	249.541
321795.2	5429597.9	2960	2180	-0.053	5045.292	980248.022	-33.850	78.022	-28.291	15.881	252.825
322000.8	5429599.9	2960	2200	-0.055	5044.336	980247.066	-34.809	79.026	-28.655	15.562	256.079
319000.1	5429799.5	2980	1900	-0.036	5056.204	980258.934	-22.720	66.942	-24.273	19.948	216.920
318998.3	5429998.3	3000	1900	-0.035	5055.776	980258.506	-22.987	67.274	-24.394	19.893	217.999
319201.0	5429998.5	3000	1920	-0.034	5054.159	980256.889	-24.608	69.188	-25.088	19.491	224.198
319396.1	5430003.1	3000	1940	-0.033	5052.700	980255.430	-26.067	71.285	-25.848	19.370	230.996
319598.2	5429996.5	3000	1960	-0.032	5050.948	980253.678	-27.829	73.521	-26.659	19.033	238.241
319802.7	5429998.9	3000	1980	-0.029	5049.306	980252.036	-29.473	75.350	-27.322	18.555	244.167
319997.2	5429995.3	3000	2000	-0.028	5048.882	980251.612	-29.904	75.713	-27.454	18.356	245.344
320201.1	5430002.6	3000	2020	-0.027	5048.804	980251.534	-29.980	75.421	-27.348	18.093	244.397
320399.0	5430006.0	3000	2040	-0.026	5048.962	980251.692	-29.823	74.741	-27.101	17.816	242.193
320601.1	5430000.2	3000	2060	-0.025	5049.557	980252.287	-29.237	73.525	-26.660	17.628	238.253
320798.5	5430000.7	3000	2080	-0.024	5048.610	980251.340	-30.188	74.509	-27.017	17.304	241.441
320996.8	5429996.8	3000	2100	-0.023	5047.849	980250.579	-30.955	75.158	-27.253	16.950	243.546
321201.9	5429994.4	3000	2120	-0.022	5048.254	980250.984	-30.557	73.980	-26.826	16.598	239.729
321399.8	5429997.5	3000	2140	-0.020	5052.058	980254.788	-26.754	67.503	-24.477	16.273	218.740
321587.5	5429994.1	3000	2160	-0.019	5047.315	980250.045	-31.503	74.682	-27.080	16.099	242.004
321800.1	5429998.4	3000	2180	-0.016	5046.307	980249.037	-32.512	75.929	-27.532	15.885	246.043
321999.2	5430000.0	3000	2200	-0.015	5045.195	980247.925	-33.627	77.251	-28.012	15.613	250.327

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322642.8	5430004.1	0	301	+0.000	5044.562	980246.563	-34.998	78.881	-28.602	15.280	255.608
322642.8	5430004.1	0	301	+0.000	5044.562	980246.563	-34.998	78.881	-28.602	15.280	255.608
322642.8	5430004.1	0	301	-0.096	5044.562	980246.563	-34.998	78.881	-28.602	15.280	255.608
322642.8	5430004.1	0	301	-0.004	5044.658	980246.563	-34.998	78.881	-28.602	15.280	255.608
318999.7	5429200.7	2920	1900	-0.009	5059.555	980261.556	-20.582	63.145	-22.897	19.667	204.617
319000.0	5429399.0	2940	1900	-0.018	5059.041	980261.042	-20.935	63.983	-23.201	19.848	207.333
319196.5	5429401.2	2940	1920	-0.091	5057.881	980259.882	-22.097	65.310	-23.682	19.531	211.634
317201.4	5429597.4	2960	1720	-0.032	5067.236	980269.237	-12.544	55.273	-20.042	22.687	179.110
317599.4	5429595.6	2960	1760	-0.030	5066.265	980268.266	-13.524	55.882	-20.263	22.095	181.081
317801.0	5429597.7	2960	1780	-0.029	5064.662	980266.663	-15.130	57.671	-20.912	21.630	186.881
317999.7	5429600.6	2960	1800	-0.028	5063.814	980265.815	-15.979	58.364	-21.163	21.222	189.126
318201.5	5429598.2	2960	1820	-0.027	5063.301	980265.302	-16.498	58.951	-21.376	21.077	191.028
318396.9	5429599.5	2960	1840	-0.026	5062.432	980264.433	-17.370	59.928	-21.730	20.828	194.192
318601.0	5429594.0	2960	1860	-0.023	5062.858	980264.859	-16.953	59.333	-21.515	20.866	192.266
318797.4	5429593.7	2960	1880	-0.021	5061.949	980263.950	-17.866	60.762	-22.032	20.863	196.895
318999.7	5429594.5	2960	1900	-0.020	5059.796	980261.797	-20.022	63.174	-22.907	20.245	204.713
317200.4	5430000.4	3000	1720	-0.033	5067.161	980269.162	-12.293	55.012	-19.948	22.771	178.263
317601.1	5430000.6	3000	1760	-0.035	5065.469	980267.470	-13.994	56.672	-20.549	22.129	183.642
317803.3	5429997.2	3000	1780	-0.037	5062.954	980264.955	-16.515	59.296	-21.501	21.280	192.146
317996.7	5430004.1	3000	1800	-0.038	5062.630	980264.631	-16.838	59.559	-21.596	21.125	192.998
318203.4	5429996.6	3000	1820	-0.039	5061.876	980263.877	-17.602	61.078	-22.147	21.329	197.919
318397.1	5430003.8	3000	1840	-0.040	5060.262	980262.263	-19.214	62.446	-22.643	20.589	202.351
318604.8	5430000.0	3000	1860	-0.042	5060.722	980262.723	-18.761	60.177	-21.821	19.596	195.001
318800.2	5429999.8	3000	1880	-0.045	5058.177	980260.178	-21.310	65.170	-23.631	20.229	211.179
318998.6	5429998.9	3000	1900	-0.047	5056.495	980258.496	-22.997	67.261	-24.389	19.875	217.956
319201.1	5429998.2	3000	1920	-0.088	5054.870	980256.871	-24.626	69.183	-25.086	19.471	224.184
318996.0	5430201.6	3020	1900	-0.048	5056.871	980258.872	-22.457	66.238	-24.018	19.763	214.640
319203.6	5430207.8	3020	1920	-0.087	5054.661	980256.662	-24.666	69.327	-25.138	19.522	224.649
317205.1	5430401.1	3040	1720	-0.066	5067.611	980269.612	-11.520	53.576	-19.427	22.629	173.609
317610.9	5430405.6	3040	1760	-0.064	5066.372	980268.373	-12.763	54.925	-19.916	22.246	177.981
317785.3	5430371.9	3040	1780	-0.062	5065.552	980267.553	-13.614	55.848	-20.251	21.983	180.973
318200.9	5430396.6	3040	1820	-0.054	5063.072	980265.073	-16.083	58.384	-21.170	21.131	189.189
318396.3	5430397.8	3040	1840	-0.052	5060.814	980262.815	-18.344	60.719	-22.017	20.358	196.756
318599.8	5430399.0	3040	1860	-0.051	5058.342	980260.343	-20.819	63.975	-23.197	19.958	207.306
318796.9	5430400.3	3040	1880	-0.050	5057.905	980259.906	-21.259	64.531	-23.399	19.873	209.108
318998.7	5430400.1	3040	1900	-0.049	5056.724	980258.725	-22.444	66.590	-24.146	20.000	215.780
319201.3	5430401.6	3040	1920	-0.086	5053.946	980255.947	-25.225	70.136	-25.431	19.479	227.270
319202.2	5430603.1	3060	1920	-0.085	5054.286	980256.287	-24.722	69.126	-25.065	19.339	223.999
317225.2	5430802.9	3080	1720	-0.071	5067.697	980269.698	-11.110	53.169	-19.279	22.780	172.291
317593.7	5430804.8	3080	1760	-0.073	5065.053	980267.054	-13.760	55.292	-20.049	21.483	179.169
317802.4	5430795.7	3080	1780	-0.074	5064.354	980266.355	-14.470	56.333	-20.427	21.436	182.544
317993.8	5430790.0	3080	1800	-0.076	5063.183	980265.184	-15.650	57.209	-20.744	20.815	185.382
318178.9	5430800.1	3080	1820	-0.078	5060.872	980262.873	-17.957	60.373	-21.891	20.525	195.635
318395.0	5430797.9	3080	1840	-0.080	5059.059	980261.060	-19.776	62.475	-22.654	20.046	202.446
318596.1	5430802.9	3080	1860	-0.081	5057.866	980259.867	-20.969	64.179	-23.272	19.939	207.969
318798.9	5430793.1	3080	1880	-0.082	5054.953	980256.954	-23.894	68.333	-24.778	19.662	221.429
318995.3	5430797.5	3080	1900	-0.083	5052.235	980254.236	-26.612	71.745	-26.015	19.118	232.485
319196.4	5430791.4	3080	1920	-0.084	5051.945	980253.946	-26.911	72.210	-26.184	19.115	233.991

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322642.4	5430004.5	0	301	+0.000	5045.292	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5045.292	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.085	5045.294	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5045.379	980246.563	-34.998	78.517	-28.471	15.049	254.429

317214.0	5428804.5	2880	1720	-0.063	5069.242	980270.511	-11.910	53.735	-19.485	22.340	174.125
317607.1	5428803.1	2880	1760	-0.062	5064.913	980266.182	-16.248	59.473	-21.565	21.660	192.719
317802.5	5428805.6	2880	1780	-0.061	5064.310	980265.579	-16.853	59.551	-21.594	21.105	192.972
318001.1	5428807.3	2880	1800	-0.060	5063.789	980265.058	-17.377	59.952	-21.739	20.836	194.271
318200.7	5428802.2	2880	1820	-0.059	5062.795	980264.064	-18.379	60.917	-22.089	20.449	197.399
318410.0	5428805.2	2880	1840	-0.059	5061.772	980263.041	-19.404	61.926	-22.455	20.068	200.669
318608.4	5428798.9	2880	1860	-0.058	5061.130	980262.399	-20.055	62.824	-22.780	19.989	203.579
318802.3	5428794.2	2880	1880	-0.057	5060.398	980261.667	-20.795	63.638	-23.075	19.768	206.215
318997.2	5428804.4	2880	1900	-0.056	5060.003	980261.272	-21.185	63.916	-23.176	19.555	207.117
319196.6	5428799.4	2880	1920	-0.046	5059.406	980260.675	-21.790	64.394	-23.350	19.254	208.666
319401.5	5428801.7	2880	1940	-0.045	5059.008	980260.277	-22.191	64.644	-23.440	19.013	209.474
319599.4	5428801.9	2880	1960	-0.044	5058.104	980259.373	-23.098	66.068	-23.957	19.013	214.091
319795.1	5428800.1	2880	1980	-0.043	5056.518	980257.787	-24.690	68.328	-24.776	18.863	221.413
320000.7	5428800.1	2880	2000	-0.042	5054.682	980255.951	-26.530	70.589	-25.596	18.464	228.741
320200.3	5428800.1	2880	2020	-0.040	5053.762	980255.031	-27.454	71.430	-25.901	18.076	231.466
320400.1	5428797.6	2880	2040	-0.039	5055.571	980256.840	-25.651	68.499	-24.838	18.010	221.967
320600.1	5428796.7	2880	2060	-0.038	5053.780	980255.049	-27.446	71.063	-25.768	17.849	230.275
320799.1	5428799.3	2880	2080	-0.036	5053.691	980254.960	-27.538	70.869	-25.697	17.634	229.647
320998.8	5428800.0	2880	2100	-0.035	5050.706	980251.975	-30.526	75.119	-27.239	17.355	243.419
321200.4	5428802.0	2880	2120	-0.034	5049.185	980250.454	-32.049	76.922	-27.892	16.980	249.261
321401.1	5428802.6	2880	2140	-0.033	5047.975	980249.244	-33.263	78.171	-28.345	16.564	253.310
321599.3	5428802.5	2880	2160	-0.032	5046.483	980247.752	-34.759	79.693	-28.897	16.038	258.242
319003.1	5429002.6	2900	1900	-0.055	5059.732	980261.001	-21.296	63.983	-23.201	19.486	207.333
319197.0	5428998.3	2900	1920	-0.048	5058.964	980260.233	-22.072	64.847	-23.514	19.261	210.132
321596.9	5429038.2	2900	2160	-0.031	5047.430	980248.699	-33.621	78.191	-28.352	16.217	253.372
317200.3	5429197.9	2920	1720	-0.066	5068.966	980270.235	-11.868	54.151	-19.635	22.647	175.472
317597.9	5429196.4	2920	1760	-0.068	5067.853	980269.122	-12.991	54.807	-19.873	21.943	177.598
317794.1	5429195.1	2920	1780	-0.069	5067.321	980268.590	-13.528	54.995	-19.942	21.526	178.209
317990.7	5429188.7	2920	1800	-0.070	5066.227	980267.496	-14.631	56.112	-20.346	21.135	181.828
318196.2	5429186.6	2920	1820	-0.071	5065.072	980266.341	-15.791	57.303	-20.778	20.733	185.686
318387.8	5429202.9	2920	1840	-0.072	5064.098	980265.367	-16.756	58.451	-21.195	20.501	189.408
318593.7	5429208.6	2920	1860	-0.073	5063.335	980264.604	-17.519	59.137	-21.443	20.175	191.631
318793.9	5429203.0	2920	1880	-0.074	5061.018	980262.287	-19.844	62.323	-22.599	19.880	201.955
318999.7	5429200.5	2920	1900	-0.075	5060.263	980261.532	-20.606	63.146	-22.897	19.643	204.620
319199.8	5429201.1	2920	1920	-0.012	5058.918	980260.187	-21.954	64.856	-23.517	19.385	210.163
319399.4	5429202.5	2920	1940	-0.014	5058.290	980259.559	-22.585	65.714	-23.828	19.301	212.943
319601.0	5429200.8	2920	1960	-0.015	5057.209	980258.478	-23.671	67.137	-24.344	19.122	217.555
319801.6	5429199.1	2920	1980	-0.017	5056.492	980257.761	-24.394	67.878	-24.613	18.872	219.955
320000.4	5429201.7	2920	2000	-0.018	5052.989	980254.258	-27.899	72.517	-26.295	18.324	234.988
320198.0	5429205.2	2920	2020	-0.019	5052.837	980254.106	-28.052	72.526	-26.298	18.176	235.017
320400.8	5429201.5	2920	2040	-0.020	5051.565	980252.834	-29.331	74.125	-26.878	17.917	240.198
320600.7	5429200.7	2920	2060	-0.022	5051.026	980252.295	-29.874	74.546	-27.031	17.641	241.561
320801.7	5429201.6	2920	2080	-0.023	5049.702	980250.971	-31.202	75.868	-27.510	17.156	245.847
320998.0	5429202.6	2920	2100	-0.024	5049.073	980250.342	-31.834	76.481	-27.732	16.915	247.832
321202.2	5429200.3	2920	2120	-0.025	5048.833	980250.102	-32.080	76.494	-27.737	16.677	247.874
321400.9	5429202.5	2920	2140	-0.028	5048.597	980249.866	-32.318	76.731	-27.823	16.590	248.642
321603.5	5429203.6	2920	2160	-0.030	5047.009	980248.278	-33.909	78.749	-28.555	16.285	255.180
319196.3	5429401.5	2940	1920	-0.011	5058.624	980259.893	-22.086	65.311	-23.682	19.543	211.635

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322642.4	5430004.5	0	301	+0.000	5046.063	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5046.063	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.034	5046.067	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5046.101	980246.563	-34.998	78.517	-28.471	15.049	254.429
317205.4	5427195.1	2720	1720	-0.030	5072.143	980272.639	-11.081	53.835	-19.521	23.233	174.449
317601.5	5427194.2	2720	1760	-0.029	5071.871	980272.367	-11.362	54.381	-19.719	23.300	176.219
318009.4	5427199.9	2720	1800	-0.028	5071.216	980271.712	-12.021	54.704	-19.836	22.847	177.265
318188.4	5427195.0	2720	1820	-0.028	5069.413	980269.909	-13.832	56.686	-20.555	22.300	183.689
318390.1	5427217.4	2720	1840	-0.027	5070.786	980271.282	-12.444	53.302	-19.327	21.530	172.721
318606.6	5427196.2	2720	1860	-0.027	5067.566	980268.062	-15.686	57.727	-20.932	21.109	187.060
318804.6	5427199.9	2720	1880	-0.026	5066.484	980266.980	-16.769	58.958	-21.378	20.811	191.050
318998.5	5427208.7	2720	1900	-0.026	5065.600	980266.096	-17.650	59.632	-21.623	20.360	193.235
319001.5	5427405.4	2740	1900	-0.026	5065.007	980265.503	-18.084	60.002	-21.757	20.161	194.432
317198.3	5427596.8	2760	1720	-0.020	5071.277	980271.773	-11.623	54.407	-19.728	23.056	176.304
317597.5	5427600.3	2760	1760	-0.021	5070.290	980270.786	-12.615	55.203	-20.017	22.571	178.882
317800.0	5427602.0	2760	1780	-0.022	5069.611	980270.107	-13.297	55.920	-20.277	22.346	181.204
317996.3	5427601.3	2760	1800	-0.023	5068.886	980269.382	-14.027	56.556	-20.507	22.022	183.266
318194.5	5427600.7	2760	1820	-0.023	5068.143	980268.639	-14.774	56.949	-20.650	21.526	184.541
318397.8	5427598.5	2760	1840	-0.024	5066.779	980267.275	-16.144	58.207	-21.106	20.957	188.615
318617.7	5427604.5	2760	1860	-0.024	5066.953	980267.449	-15.970	57.171	-20.730	20.471	185.259
318796.2	5427595.0	2760	1880	-0.025	5065.334	980265.830	-17.600	59.239	-21.480	20.159	191.959
318998.0	5427600.8	2760	1900	-0.025	5064.315	980264.811	-18.618	60.415	-21.907	19.890	195.772
317207.5	5427999.3	2800	1720	-0.019	5069.229	980269.725	-13.346	56.469	-20.476	22.647	182.985
317601.3	5427998.3	2800	1760	-0.019	5067.807	980268.303	-14.777	57.742	-20.938	22.028	187.111
317798.9	5428001.8	2800	1780	-0.017	5066.588	980267.084	-15.997	59.106	-21.432	21.676	191.528
317996.5	5428004.5	2800	1800	-0.016	5066.735	980267.231	-15.852	58.186	-21.099	21.236	188.549
318194.2	5427997.6	2800	1820	-0.016	5066.409	980266.905	-16.188	58.080	-21.060	20.833	188.206
318397.2	5428000.0	2800	1840	-0.015	5064.738	980265.234	-17.861	60.183	-21.823	20.500	195.019
318595.9	5427995.9	2800	1860	-0.015	5063.836	980264.332	-18.770	60.915	-22.088	20.057	197.390
318796.3	5427999.8	2800	1880	-0.014	5063.213	980263.709	-19.394	61.358	-22.249	19.716	198.827
319001.5	5428007.1	2800	1900	-0.014	5063.329	980263.825	-19.276	60.815	-22.052	19.487	197.068
319000.6	5428198.2	2820	1900	-0.014	5062.509	980263.005	-19.942	61.761	-22.395	19.425	200.133
317200.0	5428396.2	2840	1720	-0.008	5067.658	980268.154	-14.597	58.019	-21.038	22.385	188.007
317602.0	5428397.2	2840	1760	-0.009	5066.268	980266.764	-15.994	59.250	-21.484	21.772	191.996
317796.3	5428396.3	2840	1780	-0.010	5065.968	980266.464	-16.299	59.038	-21.407	21.332	191.309
318000.4	5428403.1	2840	1800	-0.010	5065.395	980265.891	-16.870	59.249	-21.484	20.895	191.993

318208.9	5428404.4	2840	1820	-0.011	5064.506	980265.002	-17.762	60.034	-21.769	20.503	194.538
318409.9	5428407.7	2840	1840	-0.012	5063.517	980264.013	-18.753	60.977	-22.110	20.114	197.592
318600.7	5428402.2	2840	1860	-0.012	5062.561	980263.057	-19.717	61.771	-22.398	19.656	200.165
318799.6	5428401.4	2840	1880	-0.013	5061.825	980262.321	-20.458	62.462	-22.649	19.355	202.403
319003.7	5428399.7	2840	1900	-0.013	5061.778	980262.274	-20.510	62.721	-22.743	19.468	203.245
317214.0	5428804.5	2880	1720	-0.032	5070.038	980270.534	-11.887	53.716	-19.478	22.352	174.065
318794.4	5429201.9	2920	1880	-0.006	5061.754	980262.250	-19.882	62.333	-22.602	19.849	201.988
D59											
322642.4	5430004.5	0	301	+0.000	5046.771	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	5046.771	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.069	5046.771	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5046.840	980246.563	-34.998	78.517	-28.471	15.049	254.429
319204.1	5428001.6	2800	1920	-0.023	5063.066	980262.858	-20.252	62.182	-22.548	19.383	201.498
319404.0	5428003.7	2800	1940	-0.024	5062.120	980261.912	-21.200	63.144	-22.896	19.048	204.614
319596.1	5427999.8	2800	1960	-0.025	5061.579	980261.371	-21.748	63.819	-23.141	18.930	206.803
319799.8	5428002.3	2800	1980	-0.026	5061.182	980260.974	-22.147	64.145	-23.259	18.739	207.858
320001.7	5428001.8	2800	2000	-0.027	5060.668	980260.460	-22.665	64.977	-23.561	18.751	210.553
320205.4	5427998.8	2800	2020	-0.028	5059.440	980259.232	-23.900	66.775	-24.213	18.663	216.382
320403.9	5427998.4	2800	2040	-0.029	5057.450	980257.242	-25.894	69.395	-25.163	18.338	224.872
320599.6	5428001.9	2800	2060	-0.029	5055.182	980254.974	-28.163	72.717	-26.367	18.186	235.635
320805.5	5427999.2	2800	2080	-0.030	5054.621	980254.413	-28.730	73.214	-26.548	17.936	237.247
320999.9	5428002.2	2800	2100	-0.031	5053.719	980253.511	-29.634	74.235	-26.918	17.683	240.554
321183.0	5427999.4	2800	2120	-0.036	5052.895	980252.687	-30.464	75.047	-27.212	17.371	243.186
321398.3	5427999.3	2800	2140	-0.037	5051.240	980251.032	-32.123	76.917	-27.890	16.903	249.244
321595.3	5428003.5	2800	2160	-0.038	5049.733	980249.525	-33.631	78.631	-28.512	16.488	254.799
321799.8	5427999.9	2800	2180	-0.039	5047.760	980247.552	-35.611	80.621	-29.234	15.777	261.248
322000.3	5427999.3	2800	2200	-0.039	5045.169	980244.961	-38.206	82.581	-29.944	14.431	267.600
322184.3	5427994.6	2800	2220	-0.040	5041.246	980241.038	-42.137	88.803	-32.200	14.466	287.760
322389.5	5428003.7	2800	2240	-0.042	5036.109	980235.901	-47.270	95.884	-34.768	13.846	310.708
322599.1	5427993.8	2800	2260	-0.043	5030.944	980230.736	-52.448	102.917	-37.318	13.151	333.495
322796.0	5428004.2	2800	2280	-0.045	5025.668	980225.460	-57.719	109.937	-39.863	12.354	356.243
322994.1	5428012.7	2800	2300	-0.047	5035.268	980235.060	-48.116	95.916	-34.779	13.020	310.809
323184.6	5427991.4	2800	2320	-0.049	5035.377	980235.169	-48.028	95.400	-34.592	12.780	309.137
323394.6	5428022.2	2800	2340	-0.051	5042.783	980242.575	-40.601	84.064	-30.482	12.981	272.406
323594.6	5428005.0	2800	2360	-0.052	5045.911	980245.703	-37.491	79.613	-28.868	13.254	257.981
319198.8	5428197.7	2820	1920	-0.022	5063.145	980262.937	-20.014	61.747	-22.390	19.343	200.088
323603.4	5428191.0	2820	2360	-0.053	5049.157	980248.949	-34.095	75.030	-27.206	13.729	243.131
319003.4	5428399.9	2840	1900	-0.021	5062.475	980262.267	-20.517	62.725	-22.744	19.464	203.257
319199.6	5428398.2	2840	1920	-0.020	5062.634	980262.426	-20.363	62.217	-22.560	19.293	201.610
319399.6	5428391.6	2840	1940	-0.019	5061.702	980261.494	-21.305	63.367	-22.977	19.085	205.336
319606.5	5428395.9	2840	1960	-0.018	5061.278	980261.070	-21.729	63.758	-23.119	18.910	206.603
319798.9	5428402.6	2840	1980	-0.017	5060.367	980260.159	-22.639	65.205	-23.644	18.922	211.292
320001.7	5428397.3	2840	2000	-0.016	5058.602	980258.394	-24.412	67.603	-24.513	18.677	219.062
320202.7	5428398.6	2840	2020	-0.015	5057.069	980256.861	-25.948	69.580	-25.230	18.402	225.470
320399.0	5428398.6	2840	2040	-0.015	5056.832	980256.624	-26.189	69.699	-25.273	18.237	225.857
320603.1	5428399.6	2840	2060	-0.014	5055.171	980254.963	-27.853	72.159	-26.165	18.141	233.828
320801.6	5428399.6	2840	2080	-0.012	5053.335	980253.127	-29.693	74.770	-27.112	17.965	242.288
320999.8	5428398.2	2840	2100	-0.012	5052.212	980252.004	-30.821	76.088	-27.590	17.677	246.559
321200.3	5428399.8	2840	2120	-0.010	5050.738	980250.530	-32.298	77.822	-28.218	17.305	252.176
321404.8	5428400.0	2840	2140	-0.010	5049.249	980249.041	-33.791	79.234	-28.730	16.713	256.752
321600.9	5428401.8	2840	2160	-0.009	5047.597	980247.389	-35.445	81.032	-29.382	16.204	262.578
321801.5	5428400.2	2840	2180	-0.008	5045.369	980245.161	-37.679	83.337	-30.218	15.440	270.049
321994.2	5428402.2	2840	2200	-0.064	5042.551	980242.343	-40.499	86.814	-31.479	14.836	281.314
322203.9	5428388.9	2840	2220	-0.063	5033.801	980233.593	-49.264	98.995	-35.896	13.835	320.786
322405.0	5428391.3	2840	2240	-0.062	5030.464	980230.256	-52.602	103.716	-37.608	13.505	336.084
322605.9	5428397.7	2840	2260	-0.061	5031.064	980230.856	-52.001	102.660	-37.225	13.434	332.664
322810.0	5428420.0	2840	2280	-0.058	5034.549	980234.341	-48.502	96.447	-34.972	12.972	312.530
322994.4	5428395.2	2840	2300	-0.057	5039.996	980239.788	-43.079	88.423	-32.063	13.282	286.531
323211.8	5428393.1	2840	2320	-0.056	5040.228	980240.020	-42.853	88.109	-31.949	13.307	285.511
323406.7	5428398.0	2840	2340	-0.055	5048.810	980248.602	-34.271	75.401	-27.341	13.789	244.331
323594.5	5428394.3	2840	2360	-0.054	5050.766	980250.558	-32.322	72.943	-26.449	14.172	236.367
321599.2	5428802.4	2880	2160	-0.004	5047.990	980247.782	-34.729	79.693	-28.897	16.068	258.242
322600.1	5429999.8	3000	2260	-0.069	5047.092	980246.884	-34.680	77.969	-28.272	15.017	252.653
D60											
322642.4	5430004.5	0	301	+0.000	5047.490	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5047.490	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.104	5047.492	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.004	5047.596	980246.563	-34.998	78.517	-28.471	15.049	254.429
318998.6	5427209.0	2720	1900	-0.056	5067.059	980266.130	-17.615	59.646	-21.628	20.403	193.279
319212.2	5427198.6	2720	1920	-0.053	5066.736	980265.807	-17.951	60.120	-21.800	20.369	194.814
319410.9	5427195.9	2720	1940	-0.051	5066.059	980265.130	-18.634	60.742	-22.025	20.083	196.831
319598.0	5427201.4	2720	1960	-0.049	5064.594	980263.665	-20.099	62.300	-22.590	19.611	201.879
319797.7	5427204.0	2720	1980	-0.048	5063.773	980262.844	-20.922	63.040	-22.859	19.260	204.278
320000.6	5427201.2	2720	2000	-0.047	5062.859	980261.930	-21.842	64.050	-23.225	18.984	207.551
320198.6	5427201.2	2720	2020	-0.045	5062.517	980261.588	-22.188	64.187	-23.274	18.724	207.993
320402.9	5427194.0	2720	2040	-0.044	5061.163	980260.234	-23.552	65.785	-23.854	18.380	213.174
320607.9	5427193.4	2720	2060	-0.043	5059.764	980258.835	-24.955	67.744	-24.564	18.225	219.520
320799.8	5427193.1	2720	2080	-0.041	5058.558	980257.629	-26.165	69.138	-25.070	17.903	224.037
320998.2	5427192.8	2720	2100	-0.040	5057.469	980256.540	-27.258	70.534	-25.576	17.700	228.561
321202.9	5427209.1	2720	2120	-0.034	5057.485	980256.556	-27.234	70.157	-25.439	17.485	227.341
321399.1	5427202.1	2720	2140	-0.032	5054.843	980253.914	-29.885	73.221	-26.550	16.786	237.267
321607.8	5427203.1	2720	2160	-0.030	5051.206	980250.277	-33.525	78.165	-28.343	16.297	253.288
321803.6	5427201.0	2720	2180	-0.029	5046.712	980245.783	-38.025	83.893	-30.420	15.448	271.849
321995.8	5427206.3	2720	2200	-0.027	5041.678	980240.749	-43.058	90.603	-32.853	14.692	293.594
322201.2	5427202.3	2720	2220	-0.026	5031.697	980230.768	-53.046	103.648	-37.583	13.018	335.864

322407.4	5427199.9	2720	2240	-0.023	5015.805	980214.876	-68.945	124.445	-45.124	10.376	403.258
322591.6	5427207.8	2720	2260	-0.019	5017.527	980216.598	-67.220	122.379	-44.375	10.784	396.563
322821.1	5427211.9	2720	2280	-0.017	5028.811	980227.882	-55.937	107.467	-38.968	12.562	348.241
322998.6	5427190.4	2720	2300	-0.015	5032.264	980231.335	-52.505	102.466	-37.155	12.806	332.034
323202.6	5427204.5	2720	2320	-0.013	5037.559	980236.630	-47.203	94.575	-34.293	13.079	306.465
323398.5	5427198.3	2720	2340	-0.012	5041.990	980241.061	-42.781	87.887	-31.868	13.238	284.792
323603.0	5427204.1	2720	2360	-0.009	5040.162	980239.233	-44.608	90.162	-32.693	12.861	292.166
319202.0	5427397.5	2740	1920	-0.057	5065.329	980264.400	-19.197	61.322	-22.236	19.889	198.710
319199.7	5427602.6	2760	1920	-0.059	5064.895	980263.966	-19.466	61.290	-22.224	19.601	198.608
319395.7	5427600.4	2760	1940	-0.063	5064.072	980263.143	-20.294	62.249	-22.572	19.383	201.715
319596.1	5427597.0	2760	1960	-0.065	5063.619	980262.690	-20.754	62.691	-22.732	19.205	203.147
319796.6	5427596.7	2760	1980	-0.065	5062.738	980261.809	-21.639	63.565	-23.049	18.877	205.978
319982.0	5427601.6	2760	2000	-0.066	5062.111	980261.182	-22.266	64.309	-23.319	18.724	208.390
320196.0	5427596.9	2760	2020	-0.068	5061.411	980260.482	-22.974	65.797	-23.858	18.965	213.212
320401.8	5427600.2	2760	2040	-0.069	5060.460	980259.531	-23.927	66.958	-24.279	18.752	216.973
320600.0	5427604.6	2760	2060	-0.071	5059.889	980258.960	-24.498	67.364	-24.427	18.440	218.290
320806.1	5427600.0	2760	2080	-0.072	5058.673	980257.744	-25.722	68.866	-24.971	18.173	223.155
321005.8	5427597.5	2760	2100	-0.074	5057.550	980256.621	-26.851	70.312	-25.495	17.966	227.842
321197.4	5427601.9	2760	2120	-0.077	5054.740	980253.811	-29.661	74.012	-26.837	17.514	239.831
321405.5	5427603.2	2760	2140	-0.078	5053.052	980252.123	-31.352	75.585	-27.408	16.826	244.930
321608.9	5427599.0	2760	2160	-0.079	5052.035	980251.106	-32.377	76.229	-27.641	16.211	247.015
321801.9	5427599.3	2760	2180	-0.081	5049.255	980248.326	-35.160	80.257	-29.102	15.995	260.069
322019.8	5427601.3	2760	2200	-0.082	5044.994	980244.065	-39.424	85.042	-30.837	14.782	275.574
322197.6	5427603.6	2760	2220	-0.084	5040.843	980239.914	-43.576	90.758	-32.909	14.273	294.097
322395.2	5427599.9	2760	2240	-0.085	5040.030	980239.101	-44.396	91.743	-33.266	14.080	297.287
322600.2	5427603.8	2760	2260	-0.088	5037.149	980236.220	-47.278	95.131	-34.495	13.358	308.267
322794.5	5427619.6	2760	2280	-0.091	5031.635	980230.706	-52.783	102.754	-37.259	12.711	332.967
322995.3	5427610.6	2760	2300	-0.093	5030.145	980229.216	-54.285	105.061	-38.096	12.681	340.444
323188.5	5427602.7	2760	2320	-0.095	5028.110	980227.181	-56.330	106.429	-38.592	11.508	344.878
323389.8	5427596.8	2760	2340	-0.096	5027.530	980226.601	-56.919	107.588	-39.012	11.658	348.634
323596.9	5427600.0	2760	2360	-0.097	5037.513	980236.584	-46.932	93.126	-33.768	12.426	301.769
322399.1	5429600.9	2960	2240	-0.103	5046.680	980245.751	-36.131	80.253	-29.100	15.022	260.055
322597.0	5429602.6	2960	2260	-0.004	5046.235	980245.306	-36.578	80.665	-29.249	14.837	261.389
D61											
322642.4	5430004.5	0	301	+0.000	5048.240	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.002	5048.240	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.066	5048.238	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.006	5048.304	980246.563	-34.998	78.517	-28.471	15.049	254.429
322200.9	5430000.6	3000	2220	-0.004	5049.104	980247.429	-34.126	77.713	-28.179	15.408	251.825
322200.0	5430401.1	3040	2220	-0.007	5050.907	980249.232	-32.000	74.811	-27.127	15.684	242.419
322000.0	5430400.3	3040	2200	-0.008	5051.878	980250.203	-31.025	73.555	-26.671	15.858	238.349
321798.4	5430402.5	3040	2180	-0.009	5051.788	980250.113	-31.110	73.821	-26.768	15.943	239.214
321596.8	5430397.2	3040	2160	-0.010	5053.200	980251.525	-29.698	72.073	-26.134	16.241	233.549
321401.4	5430402.0	3040	2140	-0.011	5058.827	980257.152	-24.063	64.108	-23.246	16.799	207.739
321202.0	5430398.7	3040	2120	-0.013	5059.740	980258.065	-23.149	63.429	-23.000	17.280	205.538
320994.4	5430400.2	3040	2100	-0.014	5056.315	980254.640	-26.569	68.549	-24.856	17.124	222.129
320803.3	5430404.3	3040	2080	-0.016	5054.502	980252.827	-28.375	71.806	-26.037	17.394	232.682
320605.4	5430399.4	3040	2060	-0.017	5053.354	980251.679	-29.523	73.887	-26.792	17.572	239.425
320402.3	5430399.3	3040	2040	-0.018	5052.401	980250.726	-30.472	75.529	-27.387	17.670	244.747
320200.1	5430403.1	3040	2020	-0.018	5052.498	980250.823	-30.368	75.895	-27.520	18.007	245.932
319998.7	5430397.0	3040	2000	-0.019	5052.799	980251.124	-30.068	75.992	-27.555	18.370	246.249
319793.6	5430397.3	3040	1980	-0.021	5053.492	980251.817	-29.370	75.187	-27.263	18.554	243.639
319598.8	5430400.2	3040	1960	-0.021	5054.883	980253.208	-27.973	73.459	-26.636	18.849	238.039
319398.8	5430401.7	3040	1940	-0.022	5055.204	980253.529	-27.647	73.295	-26.577	19.071	237.509
319201.2	5430401.7	3040	1920	-0.023	5057.603	980255.928	-25.244	70.130	-25.429	19.457	227.252
319401.5	5430598.2	3060	1940	-0.024	5056.513	980254.838	-26.179	71.136	-25.794	19.163	230.512
319400.2	5430798.5	3080	1940	-0.025	5054.300	980252.625	-28.231	74.145	-26.885	19.029	240.263
319599.0	5430801.6	3080	1960	-0.026	5053.317	980251.642	-29.215	75.405	-27.342	18.848	244.346
319798.5	5430801.0	3080	1980	-0.027	5052.742	980251.067	-29.794	75.900	-27.522	18.584	245.950
319998.5	5430799.9	3080	2000	-0.028	5052.909	980251.234	-29.632	75.314	-27.309	18.372	244.049
320200.3	5430801.1	3080	2020	-0.029	5053.640	980251.965	-28.904	73.672	-26.714	18.054	238.729
320399.7	5430800.9	3080	2040	-0.030	5055.476	980253.801	-27.072	70.755	-25.656	18.027	229.279
320602.1	5430797.8	3080	2060	-0.031	5055.963	980254.288	-26.592	69.670	-25.263	17.815	225.761
320802.1	5430797.2	3080	2080	-0.032	5056.874	980255.199	-25.685	68.074	-24.684	17.705	220.589
321000.7	5430800.6	3080	2100	-0.032	5060.956	980259.281	-21.605	61.917	-22.451	17.861	200.639
321200.5	5430800.3	3080	2120	-0.033	5061.054	980259.379	-21.511	61.311	-22.232	17.569	198.674
321399.3	5430801.5	3080	2140	-0.034	5060.199	980258.524	-22.369	61.983	-22.475	17.139	200.852
321598.4	5430803.4	3080	2160	-0.035	5058.216	980256.541	-24.354	64.272	-23.305	16.613	208.270
321800.7	5430797.7	3080	2180	-0.036	5055.920	980254.245	-26.659	67.531	-24.487	16.385	218.831
322001.2	5430803.1	3080	2200	-0.037	5055.581	980253.906	-26.997	67.972	-24.647	16.328	220.259
322202.7	5430792.1	3080	2220	-0.038	5055.547	980253.872	-27.044	67.907	-24.623	16.240	220.049
322397.0	5430799.3	3080	2240	-0.041	5054.800	980253.125	-27.789	68.851	-24.966	16.096	223.108
321796.6	5429205.9	2920	2180	-0.048	5048.316	980246.641	-35.548	80.435	-29.166	15.721	260.646
321999.9	5429196.0	2920	2200	-0.049	5046.697	980245.022	-37.179	82.190	-29.802	15.209	266.332
322200.0	5429203.8	2920	2220	-0.050	5042.975	980241.300	-40.898	87.088	-31.579	14.611	282.205
322399.7	5429199.8	2920	2240	-0.051	5040.123	980238.448	-43.758	90.784	-32.919	14.108	294.180
322598.1	5429200.1	2920	2260	-0.051	5040.864	980239.189	-43.020	89.139	-32.322	13.797	288.850
322801.9	5429204.4	2920	2280	-0.052	5044.249	980242.574	-39.636	84.332	-30.579	14.117	273.274
322990.3	5429195.8	2920	2300	-0.053	5045.495	980243.820	-38.401	82.678	-29.979	14.298	267.912
323197.3	5429207.3	2920	2320	-0.054	5045.471	980243.796	-38.419	82.902	-30.061	14.422	268.640
323206.0	5429000.3	2900	2320	-0.055	5044.374	980242.699	-39.684	84.087	-30.490	13.913	272.480
323212.6	5428817.9	2880	2320	-0.056	5044.252	980242.577	-39.953	84.113	-30.500	13.661	272.564
322997.8	5428805.2	2880	2300	-0.057	5040.027	980238.352	-44.184	90.020	-32.641	13.194	291.703
322799.1	5428798.1	2880	2280	-0.058	5039.542	980237.867	-44.671	91.311	-33.110	13.530	295.888
322612.2	5428806.7	2880	2260	-0.059	5036.126	980234.451	-48.076	96.310	-34.922	13.311	312.087

322401.4	5428796.4	2880	2240	-0.060	5036.582	980234.907	-47.624	96.113	-34.851	13.638	311.450
322203.3	5428806.7	2880	2220	-0.060	5040.693	980239.018	-43.501	90.790	-32.921	14.368	294.199
321999.1	5428795.2	2880	2200	-0.061	5046.043	980244.368	-38.157	83.771	-30.376	15.239	271.455
321795.8	5428798.9	2880	2180	-0.062	5047.730	980246.055	-36.462	81.607	-29.591	15.554	264.444
321792.0	5428998.3	2900	2180	-0.063	5048.766	980247.091	-35.266	80.114	-29.050	15.799	259.606
321596.4	5429038.4	2900	2160	-0.064	5050.400	980248.725	-33.595	78.157	-28.340	16.222	253.262
D62											
322642.4	5430004.5	0	301	+0.000	5048.984	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5048.984	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.073	5048.985	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.002	5049.058	980246.563	-34.998	78.517	-28.471	15.049	254.429
323798.6	5427201.1	2720	2380	-0.030	5043.876	980241.454	-42.393	86.831	-31.485	12.953	281.371
323594.3	5428394.2	2840	2360	-0.018	5052.972	980250.550	-32.330	72.934	-26.446	14.158	236.337
D64											
322642.4	5430004.5	0	301	+0.000	5050.563	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5050.563	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.111	5050.567	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.003	5050.678	980246.563	-34.998	78.517	-28.471	15.049	254.429
323798.5	5427201.0	2720	2380	-0.022	5045.459	980241.455	-42.392	86.831	-31.485	12.954	281.370
324002.0	5427199.2	2720	2400	-0.024	5050.293	980246.289	-37.563	80.402	-29.154	13.685	260.539
324199.8	5427202.6	2720	2420	-0.026	5049.813	980245.809	-38.045	80.814	-29.303	13.466	261.872
324402.8	5427201.8	2720	2440	-0.027	5052.348	980248.344	-35.514	76.590	-27.772	13.304	248.184
324602.2	5427198.6	2720	2460	-0.029	5049.073	980245.069	-38.796	81.199	-29.443	12.960	263.119
324787.9	5427198.3	2720	2480	-0.031	5057.976	980253.972	-29.897	68.428	-24.812	13.719	221.738
325004.1	5427200.7	2720	2500	-0.033	5057.473	980253.469	-30.402	69.054	-25.039	13.613	223.765
325195.7	5427199.6	2720	2520	-0.036	5054.515	980250.511	-33.364	73.304	-26.580	13.359	237.536
325375.3	5427212.8	2720	2540	-0.038	5058.897	980254.893	-28.975	66.983	-24.288	13.719	217.054
323800.7	5427398.4	2740	2380	-0.063	5045.865	980241.861	-41.827	85.746	-31.092	12.828	277.856
325393.5	5427400.2	2740	2540	-0.039	5058.550	980254.546	-29.171	67.166	-24.355	13.640	217.649
323795.9	5427601.9	2760	2380	-0.061	5045.643	980241.639	-41.884	86.050	-31.202	12.964	278.841
323996.6	5427598.5	2760	2400	-0.059	5051.430	980247.426	-36.104	78.308	-28.395	13.809	253.752
324198.4	5427597.1	2760	2420	-0.057	5051.834	980247.830	-35.705	78.038	-28.297	14.037	252.879
324401.9	5427704.3	2760	2440	-0.055	5053.389	980249.385	-34.067	75.560	-27.398	14.094	244.848
324598.0	5427600.8	2760	2460	-0.051	5050.597	980246.593	-36.947	79.296	-28.753	13.596	256.953
324793.3	5427602.7	2760	2480	-0.048	5057.563	980253.559	-29.983	69.459	-25.186	14.290	225.079
325003.6	5427603.3	2760	2500	-0.045	5059.394	980255.390	-28.156	66.239	-24.018	14.065	214.643
325198.4	5427603.5	2760	2520	-0.044	5058.618	980254.614	-28.935	66.864	-24.245	13.684	216.669
325384.3	5427599.9	2760	2540	-0.041	5059.254	980255.250	-28.306	65.720	-23.830	13.584	212.962
323809.1	5427998.1	2800	2380	-0.107	5053.448	980249.444	-33.760	75.081	-27.225	14.097	243.296
324006.9	5427999.6	2800	2400	-0.071	5055.044	980251.040	-32.166	73.666	-26.711	14.788	238.709
324190.9	5427998.6	2800	2420	-0.073	5055.744	980251.740	-31.471	72.607	-26.328	14.809	235.279
324394.8	5428007.9	2800	2440	-0.075	5053.905	980249.901	-33.306	75.326	-27.313	14.706	244.089
324613.3	5427995.5	2800	2460	-0.076	5055.265	980251.261	-31.961	72.667	-26.349	14.357	235.473
324795.2	5427995.5	2800	2480	-0.078	5054.464	980250.460	-32.765	73.429	-26.626	14.038	237.941
324993.8	5427996.5	2800	2500	-0.079	5054.868	980250.864	-32.364	71.914	-26.076	13.474	233.032
325205.7	5427996.5	2800	2520	-0.081	5059.255	980255.251	-27.981	65.107	-23.608	13.518	210.976
325385.9	5427993.0	2800	2540	-0.085	5058.914	980254.910	-28.329	65.510	-23.754	13.427	212.282
323788.6	5428217.1	2820	2380	-0.106	5054.648	980250.644	-32.382	73.635	-26.700	14.553	238.611
325374.7	5428184.6	2820	2540	-0.086	5059.518	980255.514	-27.570	64.676	-23.452	13.655	209.578
323594.5	5428394.5	2840	2360	-0.104	5054.554	980250.550	-32.329	72.930	-26.445	14.156	236.324
323841.4	5428394.3	2840	2380	-0.101	5057.496	980253.492	-29.392	70.020	-25.390	15.238	226.897
324007.3	5428397.1	2840	2400	-0.099	5058.016	980254.012	-28.874	69.367	-25.153	15.341	224.781
324197.9	5428392.3	2840	2420	-0.098	5056.917	980252.913	-29.980	71.250	-25.836	15.434	230.881
324399.3	5428405.3	2840	2440	-0.097	5058.793	980254.789	-28.098	68.153	-24.712	15.343	220.845
324595.9	5428396.1	2840	2460	-0.095	5058.571	980254.567	-28.331	68.023	-24.665	15.027	220.425
324809.1	5428393.7	2840	2480	-0.094	5058.083	980254.079	-28.825	68.210	-24.733	14.652	221.031
325005.9	5428401.5	2840	2500	-0.093	5057.329	980253.325	-29.576	68.268	-24.754	13.938	221.218
325213.8	5428402.2	2840	2520	-0.091	5059.058	980255.054	-27.851	65.330	-23.689	13.790	211.697
325349.4	5428394.0	2840	2540	-0.090	5060.186	980256.182	-26.732	63.793	-23.132	13.929	206.717
D65											
322642.4	5430004.5	0	301	+0.000	5051.360	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5051.360	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.106	5051.361	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.005	5051.467	980246.563	-34.998	78.517	-28.471	15.049	254.429
325610.2	5427215.0	2720	2560	-0.061	5056.316	980251.518	-32.353	71.272	-25.843	13.075	230.952
325623.0	5427405.2	2740	2560	-0.059	5056.441	980251.643	-32.075	71.159	-25.803	13.282	230.588
325618.0	5427591.0	2760	2560	-0.057	5057.108	980252.310	-31.257	69.688	-25.269	13.162	225.821
325606.7	5427807.2	2780	2560	-0.045	5057.519	980252.721	-30.672	68.272	-24.756	12.844	221.231
325791.8	5427807.0	2780	2580	-0.066	5056.756	980251.958	-31.439	69.118	-25.062	12.617	223.972
325599.5	5427998.0	2800	2560	-0.043	5057.507	980252.709	-30.530	68.193	-24.727	12.937	220.976
325810.0	5428007.3	2800	2580	-0.069	5055.655	980250.857	-32.378	69.850	-25.328	12.144	226.345
325595.3	5428203.8	2820	2560	-0.041	5057.197	980252.399	-30.673	68.614	-24.880	13.061	222.339
325806.5	5428197.2	2820	2580	-0.072	5054.520	980249.722	-33.360	71.021	-25.753	11.909	230.140
325610.4	5428382.4	2840	2560	-0.039	5057.058	980252.260	-30.668	68.575	-24.865	13.041	222.212
325798.3	5428399.1	2840	2580	-0.074	5054.463	980249.665	-33.254	71.255	-25.837	12.164	230.898
325602.7	5428604.1	2860	2560	-0.036	5057.237	980252.439	-30.310	68.300	-24.766	13.224	221.321
325798.7	5428599.7	2860	2580	-0.075	5054.395	980249.597	-33.160	71.293	-25.851	12.282	231.020
323212.6	5428817.9	2880	2320	-0.009	5047.385	980242.587	-39.943	84.108	-30.498	13.667	272.547
323393.7	5428805.7	2880	2340	-0.011	5052.036	980247.238	-35.305	77.701	-28.175	14.221	251.785
323597.3	5428801.2	2880	2360	-0.013	5056.843	980252.045	-30.506	71.405	-25.892	15.007	231.383
323802.5	5428801.8	2880	2380	-0.015	5057.860	980253.062	-29.493	70.521	-25.571	15.457	228.518
323999.7	5428796.4	2880	2400	-0.017	5056.993	980252.195	-30.368	72.204	-26.182	15.655	233.974
324203.2	5428799.1	2880	2420	-0.019	5054.598	980249.800	-32.765	75.120	-27.239	15.117	243.421
324405.0	5428804.1	2880	2440	-0.022	5061.123	980256.325	-26.240	65.742	-23.838	15.664	213.034
324599.2	5428799.1	2880	2460	-0.024	5060.801	980256.003	-26.569	65.961	-23.918	15.474	213.743

324790.5	5428807.4	2880	2480	-0.026	5061.263	980256.465	-26.104	64.790	-23.493	15.192	209.947
324999.5	5428799.5	2880	2500	-0.028	5060.071	980255.273	-27.307	65.574	-23.778	14.490	212.490
325198.8	5428801.0	2880	2520	-0.029	5060.714	980255.916	-26.666	64.348	-23.333	14.349	208.515
325405.7	5428840.8	2880	2540	-0.031	5061.119	980256.321	-26.233	63.227	-22.926	14.067	204.882
325616.0	5428793.0	2880	2560	-0.034	5058.256	980253.458	-29.139	66.553	-24.133	13.282	215.662
325797.0	5428793.5	2880	2580	-0.076	5055.910	980251.112	-31.488	68.795	-24.945	12.361	222.925
325197.5	5428994.1	2900	2520	-0.084	5061.430	980256.632	-25.795	63.209	-22.920	14.494	204.824
325432.0	5428975.5	2900	2540	-0.081	5058.811	980254.013	-28.433	66.474	-24.104	13.937	215.405
325809.8	5428987.3	2900	2580	-0.077	5058.256	980253.458	-28.986	65.525	-23.760	12.780	212.331
323197.5	5429207.2	2920	2320	-0.103	5048.599	980243.801	-38.415	82.892	-30.057	14.420	268.605
323402.3	5429186.8	2920	2340	-0.101	5054.311	980249.513	-32.723	74.712	-27.091	14.898	242.099
323635.6	5429170.1	2920	2360	-0.099	5059.929	980255.131	-27.123	66.631	-24.161	15.347	215.913
323805.4	5429195.6	2920	2380	-0.097	5056.040	980251.242	-30.995	72.602	-26.326	15.282	235.262
324003.0	5429189.4	2920	2400	-0.096	5058.337	980253.539	-28.707	69.737	-25.287	15.743	225.977
324239.6	5429195.4	2920	2420	-0.092	5062.085	980257.287	-24.958	63.417	-22.995	15.463	205.499
324410.3	5429189.4	2920	2440	-0.091	5062.836	980258.038	-24.216	62.610	-22.703	15.692	202.885
324608.4	5429183.6	2920	2460	-0.090	5061.806	980257.008	-25.254	64.016	-23.212	15.549	207.439
324804.5	5429183.9	2920	2480	-0.088	5061.534	980256.736	-25.530	63.708	-23.101	15.078	206.443
325009.7	5429184.0	2920	2500	-0.087	5061.071	980256.273	-25.997	64.008	-23.210	14.802	207.415
325188.5	5429184.3	2920	2520	-0.085	5061.535	980256.737	-25.536	62.923	-22.816	14.571	203.897
325608.8	5429203.2	2920	2560	-0.079	5058.679	980253.881	-28.385	65.480	-23.743	13.352	212.184

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322642.4	5430004.5	0	301	+0.000	5052.209	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.001	5052.209	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.099	5052.208	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	5052.307	980246.563	-34.998	78.517	-28.471	15.049	254.429
322199.7	5430401.3	3040	2220	-0.007	5054.879	980249.234	-31.998	74.808	-27.126	15.684	242.410
322202.6	5430791.6	3080	2220	-0.096	5059.491	980253.846	-27.071	67.915	-24.626	16.218	220.075
317194.3	5431201.2	3120	1720	-0.058	5074.849	980269.204	-11.282	52.273	-18.954	22.037	169.386
317598.2	5431202.5	3120	1760	-0.055	5069.766	980264.121	-16.372	58.742	-21.300	21.070	190.349
317801.5	5431200.4	3120	1780	-0.053	5067.844	980262.199	-18.300	61.195	-22.190	20.706	198.299
317997.6	5431201.2	3120	1800	-0.045	5066.901	980261.256	-19.246	62.483	-22.657	20.581	202.474
318199.7	5431200.5	3120	1820	-0.043	5065.601	980259.956	-20.551	64.087	-23.238	20.298	207.670
318398.9	5431198.5	3120	1840	-0.042	5063.181	980257.536	-22.976	67.249	-24.385	19.888	217.915
318605.1	5431198.5	3120	1860	-0.040	5060.529	980254.884	-25.633	71.051	-25.764	19.655	230.238
318797.7	5431198.3	3120	1880	-0.039	5057.997	980252.352	-28.169	74.697	-27.085	19.443	242.051
318997.9	5431204.7	3120	1900	-0.038	5055.520	980249.875	-30.645	77.935	-28.260	19.031	252.545
319198.5	5431197.4	3120	1920	-0.036	5056.599	980250.954	-29.575	76.078	-27.586	18.917	246.527
319399.8	5431199.1	3120	1940	-0.035	5056.119	980250.474	-30.058	76.794	-27.846	18.891	248.848
319596.2	5431202.0	3120	1960	-0.033	5055.749	980250.104	-30.430	77.023	-27.929	18.664	249.587
319798.3	5431198.9	3120	1980	-0.032	5056.220	980250.575	-29.965	76.105	-27.596	18.544	246.613
320001.6	5431197.9	3120	2000	-0.030	5057.401	980251.756	-28.789	73.998	-26.832	18.377	239.786
320194.4	5431200.8	3120	2020	-0.029	5056.676	980251.031	-29.516	74.603	-27.051	18.036	241.745
320397.8	5431199.4	3120	2040	-0.027	5057.202	980251.557	-28.995	73.527	-26.661	17.871	238.261
320603.2	5431195.6	3120	2060	-0.025	5061.297	980255.652	-24.907	67.449	-24.457	18.085	218.565
320791.8	5431197.6	3120	2080	-0.023	5065.544	980259.899	-20.662	61.140	-22.169	18.308	198.119
321002.7	5431205.2	3120	2100	-0.022	5065.715	980260.070	-20.489	60.693	-22.007	18.196	196.671
321200.6	5431202.1	3120	2120	-0.020	5066.091	980260.446	-20.119	59.735	-21.660	17.956	193.568
321400.5	5431200.0	3120	2140	-0.019	5065.786	980260.141	-20.430	59.716	-21.653	17.633	193.507
321599.0	5431198.7	3120	2160	-0.017	5064.466	980258.821	-21.755	60.981	-22.112	17.114	197.604
321798.8	5431199.2	3120	2180	-0.015	5062.576	980256.931	-23.649	63.452	-23.008	16.795	205.611
322003.3	5431202.8	3120	2200	-0.013	5062.590	980256.945	-23.636	63.203	-22.918	16.650	204.807
322201.5	5431198.8	3120	2220	-0.012	5060.729	980255.084	-25.504	65.727	-23.833	16.390	212.985
322008.0	5431412.5	3140	2200	-0.093	5062.742	980257.097	-23.315	63.024	-22.853	16.857	204.225
317200.7	5431597.2	3160	1720	-0.061	5071.197	980265.552	-14.614	56.639	-20.537	21.487	183.534
317600.7	5431600.5	3160	1760	-0.064	5069.530	980263.885	-16.287	58.560	-21.234	21.039	189.759
318001.8	5431603.9	3160	1800	-0.066	5067.010	980261.365	-18.812	61.762	-22.395	20.555	200.137
318196.3	5431598.3	3160	1820	-0.067	5065.350	980259.705	-20.481	64.024	-23.215	20.328	207.466
318401.3	5431601.3	3160	1840	-0.068	5064.108	980258.463	-21.724	65.654	-23.806	20.123	212.747
318600.9	5431601.5	3160	1860	-0.069	5061.392	980255.747	-24.444	69.413	-25.170	19.800	224.930
318796.3	5431603.5	3160	1880	-0.070	5059.256	980253.611	-26.583	72.373	-26.243	19.548	234.521
318996.9	5431595.6	3160	1900	-0.071	5059.260	980253.615	-26.589	72.085	-26.138	19.358	233.586
319185.5	5431602.4	3160	1920	-0.072	5059.760	980254.115	-26.087	70.959	-25.730	19.142	229.939
319391.0	5431617.6	3160	1940	-0.074	5057.177	980251.532	-28.662	74.731	-27.098	18.971	242.162
319603.8	5431609.1	3160	1960	-0.075	5058.472	980252.827	-27.378	72.360	-26.238	18.744	234.479
319792.4	5431589.3	3160	1980	-0.078	5059.523	980253.878	-26.347	70.592	-25.597	18.648	228.749
319995.5	5431607.5	3160	2000	-0.079	5057.456	980251.811	-28.403	73.520	-26.659	18.458	238.237
320192.6	5431610.2	3160	2020	-0.080	5058.112	980252.467	-27.749	71.921	-26.079	18.093	233.056
320391.1	5431599.7	3160	2040	-0.082	5060.924	980255.279	-24.949	67.660	-24.534	18.177	219.248
320600.3	5431604.2	3160	2060	-0.083	5064.882	980259.237	-20.992	62.067	-22.506	18.569	201.124
320806.3	5431602.6	3160	2080	-0.084	5066.645	980261.000	-19.234	59.424	-21.548	18.643	192.561
321018.8	5431593.6	3160	2100	-0.086	5066.673	980261.028	-19.218	58.906	-21.360	18.329	190.883
321198.3	5431607.1	3160	2120	-0.087	5066.475	980260.830	-19.408	58.937	-21.371	18.158	190.983
321421.5	5431608.4	3160	2140	-0.088	5066.351	980260.706	-19.536	58.716	-21.291	17.890	190.266
321589.9	5431591.7	3160	2160	-0.090	5065.622	980259.977	-20.282	59.093	-21.427	17.384	191.488
321798.3	5431599.4	3160	2180	-0.091	5064.375	980258.730	-21.527	60.785	-22.041	17.217	196.969
321999.8	5431608.3	3160	2200	-0.092	5062.636	980256.991	-23.262	63.103	-22.881	16.959	204.481

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322642.4	5430004.5	0	301	+0.000	5053.011	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5053.011	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.143	5053.013	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5053.156	980246.563	-34.998	78.517	-28.471	15.049	254.429
322806.0	5429601.9	2960	2280	-0.009	5051.598	980245.148	-36.741	80.750	-29.280	14.729	261.667
323003.2	5429596.9	2960	2300	-0.012	5051.925	980245.475	-36.422	80.347	-29.134	14.791	260.361
323198.3	5429604.5	2960	2320	-0.014	5052.691	980246.241	-35.654	79.385	-28.785	14.946	257.243

323399.0	5429596.1	2960	2340	-0.019	5054.799	980248.349	-33.557	75.697	-27.448	14.692	245.291
323607.1	5429595.2	2960	2360	-0.022	5062.351	980255.901	-26.009	65.592	-23.784	15.799	212.547
323786.2	5429591.4	2960	2380	-0.026	5062.970	980256.520	-25.397	64.457	-23.372	15.688	208.869
324047.3	5429613.7	2960	2400	-0.030	5066.026	980259.576	-22.328	59.205	-21.468	15.409	191.850
324187.3	5429605.2	2960	2420	-0.032	5064.107	980257.657	-24.256	62.505	-22.665	15.584	202.544
324411.5	5429596.6	2960	2440	-0.035	5063.465	980257.015	-24.910	63.739	-23.112	15.717	206.541
324599.8	5429583.3	2960	2460	-0.038	5062.959	980256.509	-25.430	63.720	-23.105	15.185	206.482
324804.8	5429813.5	2980	2480	-0.042	5057.566	980251.116	-30.641	70.836	-25.685	14.509	229.540
323205.6	5429998.8	3000	2320	-0.072	5061.482	980255.032	-26.544	65.853	-23.879	15.430	213.394
323388.2	5430009.0	3000	2340	-0.070	5064.054	980257.604	-23.968	61.917	-22.451	15.498	200.639
322799.8	5430001.5	3000	2280	-0.079	5052.538	980246.088	-35.478	79.105	-28.684	14.943	256.335
322996.0	5429994.8	3000	2300	-0.076	5053.903	980247.453	-34.123	76.780	-27.841	14.817	248.802
323764.4	5430012.5	3000	2380	-0.063	5066.517	980260.067	-21.509	58.456	-21.196	15.750	189.422
323999.2	5429995.4	3000	2400	-0.059	5057.634	980251.184	-30.411	70.663	-25.623	14.630	228.980
324201.8	5429989.7	3000	2420	-0.055	5064.623	980258.173	-23.430	61.500	-22.300	15.770	199.287
324409.7	5430002.3	3000	2440	-0.050	5059.243	980252.793	-28.804	69.138	-25.070	15.264	224.036
324766.6	5429943.9	3000	2480	-0.047	5057.993	980251.543	-30.108	70.162	-25.441	14.613	227.355
322410.6	5430401.6	3040	2240	-0.128	5055.190	980248.740	-32.496	75.114	-27.237	15.382	243.402
322603.1	5430417.3	3040	2260	-0.084	5054.534	980248.084	-33.143	76.125	-27.603	15.379	246.678
322785.5	5430407.1	3040	2280	-0.086	5054.332	980247.882	-33.357	76.484	-27.733	15.394	247.841
322998.2	5430392.8	3040	2300	-0.090	5059.776	980253.326	-27.928	67.894	-24.618	15.347	220.005
323187.2	5430391.2	3040	2320	-0.094	5065.931	980259.481	-21.778	58.869	-21.346	15.745	190.762
323385.0	5430395.3	3040	2340	-0.098	5068.394	980261.944	-19.316	55.624	-20.169	16.139	180.246
323360.1	5430571.3	3060	2340	-0.103	5068.553	980262.103	-19.014	55.471	-20.114	16.343	179.751
322397.2	5430798.9	3080	2240	-0.132	5059.607	980253.157	-27.758	68.849	-24.965	16.126	223.101
322594.1	5430797.5	3080	2260	-0.133	5060.199	980253.749	-27.171	67.739	-24.562	16.006	219.503
322790.7	5430811.9	3080	2280	-0.136	5061.048	980254.598	-26.314	66.534	-24.125	16.094	215.598
322991.4	5430802.8	3080	2300	-0.138	5067.384	980260.934	-19.989	57.327	-20.787	16.551	185.766
323221.6	5430775.7	3080	2320	-0.107	5067.931	980261.481	-19.469	56.591	-20.520	16.602	183.379

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322642.4	5430004.5	0	301	+0.000	5053.871	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.003	5053.871	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.094	5053.874	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5053.968	980246.563	-34.998	78.517	-28.471	15.049	254.429
322008.3	5431412.6	3140	2200	-0.092	5064.419	980257.108	-23.304	63.021	-22.852	16.866	204.217
321999.3	5431608.4	3160	2200	-0.004	5064.317	980257.006	-23.247	63.099	-22.880	16.972	204.468
317202.3	5431998.8	3200	1720	-0.058	5073.954	980266.643	-13.199	54.962	-19.929	21.833	178.100
317600.0	5431996.9	3200	1760	-0.057	5073.197	980265.886	-13.966	55.300	-20.052	21.282	179.197
317799.9	5431987.6	3200	1780	-0.051	5071.891	980264.580	-15.283	56.856	-20.616	20.957	184.239
317994.3	5431999.4	3200	1800	-0.054	5069.828	980262.517	-17.341	59.711	-21.652	20.719	193.491
318200.8	5431997.0	3200	1820	-0.049	5067.513	980260.202	-19.662	62.966	-22.832	20.472	204.036
318402.8	5431999.9	3200	1840	-0.043	5066.851	980259.540	-20.325	63.754	-23.117	20.311	206.591
318601.0	5432000.7	3200	1860	-0.042	5066.991	980259.680	-20.189	63.147	-22.897	20.061	204.623
318807.5	5431997.1	3200	1880	-0.040	5065.973	980258.662	-21.214	64.372	-23.342	19.817	208.595
318998.4	5431999.7	3200	1900	-0.039	5064.691	980257.380	-22.498	66.032	-23.943	19.591	213.972
319200.3	5431997.5	3200	1920	-0.038	5063.693	980256.382	-23.502	67.125	-24.340	19.283	217.514
319400.9	5432001.6	3200	1940	-0.036	5063.614	980256.303	-23.581	67.005	-24.296	19.128	217.127
319595.0	5432004.7	3200	1960	-0.035	5064.809	980257.498	-22.388	64.785	-23.491	18.906	209.933
319798.8	5432000.6	3200	1980	-0.034	5061.748	980254.437	-25.456	69.232	-25.104	18.672	224.341
320006.5	5431995.7	3200	2000	-0.032	5062.964	980255.653	-24.248	67.096	-24.329	18.519	217.420
320199.5	5431998.8	3200	2020	-0.031	5063.493	980256.182	-23.720	66.179	-23.997	18.462	214.449
320402.5	5431999.9	3200	2040	-0.029	5064.450	980257.139	-22.767	64.839	-23.511	18.562	210.108
320602.7	5431999.1	3200	2060	-0.027	5067.983	980260.672	-19.238	59.752	-21.666	18.848	193.624
320807.0	5431995.2	3200	2080	-0.026	5068.669	980261.358	-18.559	58.486	-21.207	18.720	189.522
321004.8	5432006.8	3200	2100	-0.024	5068.890	980261.579	-18.333	58.003	-21.032	18.638	187.955
321208.7	5431999.1	3200	2120	-0.022	5068.742	980261.431	-18.491	57.877	-20.986	18.399	187.547
321401.4	5432005.7	3200	2140	-0.020	5068.367	980261.056	-18.865	57.820	-20.966	17.990	187.361
321589.8	5432000.4	3200	2160	-0.019	5067.477	980260.166	-19.763	58.691	-21.282	17.647	190.184
321798.5	5432000.8	3200	2180	-0.018	5067.035	980259.724	-20.209	59.044	-21.410	17.426	191.329
321997.6	5432005.7	3200	2200	-0.016	5066.334	980259.023	-20.910	60.194	-21.827	17.458	195.056
321984.2	5432198.8	3220	2200	-0.014	5066.284	980258.973	-20.804	60.073	-21.783	17.487	194.664
317195.6	5432399.6	3240	1720	-0.061	5075.696	980268.385	-11.134	51.870	-18.808	21.928	168.082
317598.7	5432397.1	3240	1760	-0.064	5074.290	980266.979	-12.550	53.194	-19.288	21.356	172.371
318021.7	5432376.2	3240	1800	-0.067	5071.437	980264.126	-15.428	56.787	-20.591	20.768	184.015
318401.6	5432395.1	3240	1840	-0.069	5070.770	980263.459	-16.088	57.033	-20.680	20.265	184.811
318596.5	5432400.1	3240	1860	-0.070	5069.563	980262.252	-17.294	58.720	-21.292	20.133	190.278
318803.3	5432401.3	3240	1880	-0.072	5067.211	980259.900	-19.649	62.153	-22.537	19.967	201.402
318997.5	5432403.2	3240	1900	-0.074	5066.488	980259.177	-20.375	62.943	-22.823	19.745	203.962
319186.7	5432399.9	3240	1920	-0.075	5066.107	980258.796	-20.762	63.130	-22.891	19.477	204.569
319400.8	5432414.5	3240	1940	-0.076	5066.156	980258.845	-20.706	62.659	-22.720	19.233	203.043
319602.1	5432403.7	3240	1960	-0.078	5065.036	980257.725	-21.839	64.287	-23.311	19.138	208.318
319797.2	5432391.6	3240	1980	-0.079	5064.735	980257.424	-22.153	64.417	-23.358	18.905	208.738
319991.5	5432392.8	3240	2000	-0.080	5064.807	980257.496	-22.084	64.226	-23.288	18.853	208.119
320194.1	5432405.7	3240	2020	-0.081	5066.125	980258.814	-20.760	62.196	-22.552	18.883	201.541
320403.8	5432401.4	3240	2040	-0.082	5067.829	980260.518	-19.064	59.741	-21.662	19.015	193.586
320609.8	5432404.5	3240	2060	-0.083	5069.088	980261.777	-17.806	57.775	-20.950	19.020	187.218
320804.3	5432401.0	3240	2080	-0.084	5069.011	980261.700	-17.890	57.572	-20.876	18.806	186.558
321019.4	5432400.8	3240	2100	-0.086	5069.181	980261.870	-17.724	57.266	-20.765	18.777	185.566
321188.5	5432399.2	3240	2120	-0.087	5068.931	980261.620	-17.979	57.234	-20.753	18.502	185.465
321389.2	5432406.2	3240	2140	-0.089	5068.613	980261.302	-18.295	57.188	-20.737	18.156	185.314
321599.6	5432401.9	3240	2160	-0.007	5067.987	980260.676	-18.929	58.016	-21.037	18.051	187.998
321802.3	5432397.4	3240	2180	-0.009	5067.883	980260.572	-19.040	57.775	-20.949	17.785	187.216
322002.9	5432383.2	3240	2200	-0.011	5068.263	980260.952	-18.676	56.649	-20.541	17.432	183.568

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322642.4	5430004.5	0	301	+0.000	5054.704	980246.563	-34.998	78.517	-28.471	15.049	254.429
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322642.4	5430004.5	0	301	-0.002	5054.704	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.100	5054.706	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5054.806	980246.563	-34.998	78.517	-28.471	15.049	254.429
322800.0	5430001.7	3000	2280	-0.099	5054.255	980246.112	-35.454	79.054	-28.665	14.935	256.169
321599.8	5432401.8	3240	2160	-0.005	5068.797	980260.654	-18.951	58.014	-21.036	18.027	187.990
317236.5	5432822.2	3280	1720	-0.065	5077.129	980268.986	-10.192	50.217	-18.209	21.816	162.726
317600.5	5432792.7	3280	1760	-0.061	5076.513	980268.370	-10.839	50.943	-18.472	21.631	165.077
318000.8	5432802.5	3280	1800	-0.059	5074.219	980266.076	-13.134	53.754	-19.491	21.129	174.187
318402.5	5432789.1	3280	1840	-0.055	5073.154	980265.011	-14.218	55.013	-19.948	20.847	178.265
318600.0	5432800.6	3280	1860	-0.048	5071.586	980263.443	-15.780	56.680	-20.553	20.348	183.669
318794.4	5432785.5	3280	1880	-0.046	5071.971	980263.828	-15.411	55.746	-20.214	20.121	180.641
318993.2	5432791.8	3280	1900	-0.045	5070.854	980262.711	-16.527	56.939	-20.647	19.766	184.509
319191.4	5432800.2	3280	1920	-0.043	5071.228	980263.085	-16.150	55.849	-20.251	19.448	180.975
319398.2	5432798.7	3280	1940	-0.042	5067.873	980259.730	-19.511	61.107	-22.157	19.438	198.012
319600.0	5432800.7	3280	1960	-0.040	5066.826	980258.683	-20.560	62.402	-22.627	19.214	202.209
319796.9	5432799.2	3280	1980	-0.039	5066.571	980258.428	-20.820	62.684	-22.730	19.135	203.125
319999.2	5432799.7	3280	2000	-0.037	5068.114	980259.971	-19.281	60.217	-21.835	19.102	195.131
320196.6	5432803.4	3280	2020	-0.036	5069.904	980261.761	-17.492	57.096	-20.703	18.901	185.016
320399.1	5432802.4	3280	2040	-0.034	5068.878	980260.735	-18.523	58.767	-21.309	18.935	190.431
320599.3	5432804.0	3280	2060	-0.032	5068.188	980260.045	-19.215	59.503	-21.576	18.712	192.815
320803.6	5432800.1	3280	2080	-0.031	5067.778	980259.635	-19.633	60.127	-21.802	18.692	194.837
320986.3	5432795.8	3280	2100	-0.030	5070.016	980261.873	-17.402	56.680	-20.552	18.726	183.667
321197.5	5432798.2	3280	2120	-0.028	5069.722	980261.579	-17.698	56.779	-20.588	18.493	183.988
321405.5	5432802.4	3280	2140	-0.026	5068.938	980260.795	-18.483	57.690	-20.919	18.289	186.940
321598.5	5432801.7	3280	2160	-0.022	5068.670	980260.527	-18.755	57.916	-21.001	18.160	187.674
321763.3	5432811.3	3280	2180	-0.020	5069.852	980261.709	-17.568	56.030	-20.317	18.145	181.562
321903.9	5432986.5	3300	2200	-0.017	5070.585	980262.442	-16.697	54.434	-19.738	17.999	176.391
317201.2	5433197.8	3320	1720	-0.067	5076.176	980268.033	-10.841	51.170	-18.554	21.774	165.812
317597.9	5433197.1	3320	1760	-0.070	5074.616	980266.473	-12.410	53.260	-19.312	21.538	172.585
318004.7	5433183.0	3320	1800	-0.072	5075.886	980267.743	-11.159	51.347	-18.619	21.569	166.386
318394.1	5433201.6	3320	1840	-0.075	5074.817	980266.674	-12.221	52.238	-18.942	21.075	169.273
318797.4	5433203.8	3320	1880	-0.077	5074.140	980265.997	-12.905	52.581	-19.066	20.610	170.384
318992.6	5433206.7	3320	1900	-0.078	5073.738	980265.595	-13.308	52.954	-19.201	20.445	171.595
319200.8	5433218.2	3320	1920	-0.080	5071.178	980263.035	-15.863	56.396	-20.449	20.084	182.748
319395.6	5433199.2	3320	1940	-0.081	5071.421	980263.278	-15.639	55.751	-20.216	19.897	180.659
319594.2	5433208.7	3320	1960	-0.083	5071.896	980263.753	-15.161	54.718	-19.841	19.717	177.311
319792.8	5433203.6	3320	1980	-0.084	5071.591	980263.448	-15.474	55.068	-19.968	19.627	178.446
319992.7	5433204.5	3320	2000	-0.085	5071.816	980263.673	-15.252	54.901	-19.907	19.742	177.904
320191.8	5433193.0	3320	2020	-0.086	5070.096	980261.953	-16.985	57.185	-20.735	19.464	185.304
320402.2	5433193.1	3320	2040	-0.088	5069.341	980261.198	-17.744	57.646	-20.903	18.999	186.798
320601.6	5433198.5	3320	2060	-0.089	5068.353	980260.210	-18.732	59.126	-21.439	18.955	191.595
320791.5	5433199.1	3320	2080	-0.090	5069.751	980261.608	-17.337	56.966	-20.656	18.973	184.596
321005.0	5433203.1	3320	2100	-0.092	5069.897	980261.754	-17.192	56.471	-20.477	18.802	182.992
321191.0	5433199.5	3320	2120	-0.093	5069.918	980261.775	-17.178	56.053	-20.325	18.550	181.636
321402.3	5433193.5	3320	2140	-0.095	5068.779	980260.636	-18.326	57.410	-20.817	18.267	186.035
321602.3	5433199.1	3320	2160	-0.098	5068.531	980260.388	-18.573	57.671	-20.912	18.186	186.879
321805.7	5433196.8	3320	2180	-0.101	5070.745	980262.602	-16.365	54.559	-19.783	18.411	176.795
322013.3	5433186.0	3320	2200	-0.103	5072.363	980264.220	-14.760	51.563	-18.697	18.106	167.088

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322642.4	5430004.5	0	301	+0.000	5055.550	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.005	5055.550	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.091	5055.555	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5055.646	980246.563	-34.998	78.517	-28.471	15.049	254.429
321598.7	5432802.0	3280	2160	-0.089	5069.551	980260.559	-18.723	57.908	-20.998	18.187	187.646
321602.3	5433199.1	3320	2160	-0.004	5069.383	980260.391	-18.570	57.667	-20.910	18.187	186.867
317202.9	5433605.8	3360	1720	-0.060	5076.907	980267.915	-10.630	50.765	-18.408	21.727	164.501
317588.0	5433596.4	3360	1760	-0.062	5076.129	980267.137	-11.423	52.051	-18.874	21.754	168.669
317994.1	5433597.1	3360	1800	-0.064	5076.627	980267.635	-10.933	50.938	-18.471	21.535	165.031
318406.5	5433602.3	3360	1840	-0.067	5076.436	980267.444	-11.128	50.877	-18.448	21.301	164.863
318786.2	5433600.0	3360	1880	-0.069	5075.650	980266.658	-11.924	51.789	-18.779	21.087	167.820
319187.7	5433596.7	3360	1920	-0.071	5074.487	980265.495	-13.097	52.962	-19.204	20.661	171.620
319400.9	5433601.0	3360	1940	-0.072	5074.228	980265.236	-13.357	53.064	-19.241	20.466	171.952
319600.9	5433609.4	3360	1960	-0.074	5074.232	980265.240	-13.350	52.938	-19.195	20.392	171.542
319780.6	5433615.9	3360	1980	-0.075	5072.431	980263.439	-15.150	55.352	-20.071	20.131	179.365
319989.3	5433587.5	3360	2000	-0.076	5071.019	980262.027	-16.589	57.244	-20.757	19.898	185.495
320203.1	5433612.4	3360	2020	-0.077	5071.384	980262.392	-16.208	56.600	-20.524	19.869	183.410
320393.6	5433617.2	3360	2040	-0.078	5071.320	980262.328	-16.272	56.237	-20.392	19.573	182.232
320587.6	5433610.3	3360	2060	-0.079	5070.860	980261.868	-16.741	56.566	-20.511	19.314	183.299
320803.9	5433599.1	3360	2080	-0.081	5071.146	980262.154	-16.469	55.783	-20.227	19.088	180.763
320995.0	5433610.9	3360	2100	-0.082	5070.946	980261.954	-16.663	55.702	-20.198	18.841	180.499
321199.4	5433607.1	3360	2120	-0.083	5070.901	980261.909	-16.715	55.455	-20.108	18.632	179.700
321392.9	5433608.4	3360	2140	-0.085	5070.276	980261.284	-17.343	56.129	-20.353	18.434	181.884
321600.2	5433592.3	3360	2160	-0.086	5069.506	980260.514	-18.130	57.141	-20.720	18.292	185.162
321794.8	5433592.0	3360	2180	-0.088	5069.027	980260.035	-18.613	57.890	-20.991	18.286	187.590
321996.6	5433602.1	3360	2200	-0.090	5071.110	980262.118	-16.526	54.504	-19.763	18.215	176.617
322198.5	5433602.3	3360	2220	-0.111	5073.107	980264.115	-14.533	51.271	-18.591	18.148	166.142
321800.0	5433798.1	3380	2180	-0.018	5069.448	980260.456	-18.026	56.941	-20.647	18.268	184.513
321996.6	5433805.6	3380	2200	-0.014	5071.989	980262.997	-15.482	52.917	-19.188	18.247	171.476
317196.8	5433999.9	3400	1720	-0.057	5076.866	980267.874	-10.353	50.574	-18.338	21.883	163.883
317594.6	5434001.3	3400	1760	-0.055	5077.092	980268.100	-10.134	50.298	-18.238	21.926	162.989
318007.2	5434005.2	3400	1800	-0.052	5077.686	980268.694	-9.545	49.337	-17.890	21.902	159.874
318408.0	5434001.8	3400	1840	-0.049	5076.775	980267.783	-10.467	50.153	-18.186	21.500	162.517
318797.4	5434000.4	3400	1880	-0.048	5075.437	980266.445	-11.814	51.537	-18.688	21.036	167.004
319199.4	5433995.4	3400	1920	-0.040	5073.240	980264.248	-14.023	54.633	-19.810	20.800	177.036
319598.3	5433996.3	3400	1960	-0.038	5073.383	980264.391	-13.887	53.787	-19.503	20.397	174.292

319808.0	5433998.9	3400	1980	-0.037	5073.484	980264.492	-13.788	53.318	-19.333	20.197	172.774
319999.4	5433998.9	3400	2000	-0.036	5073.097	980264.105	-14.179	53.595	-19.434	19.983	173.673
320207.5	5434005.5	3400	2020	-0.034	5072.412	980263.420	-14.863	54.021	-19.588	19.570	175.052
320401.8	5433997.6	3400	2040	-0.032	5071.488	980262.496	-15.797	54.799	-19.870	19.132	177.572
320600.2	5434001.4	3400	2060	-0.030	5071.610	980262.618	-15.676	54.545	-19.778	19.091	176.751
320798.3	5433998.2	3400	2080	-0.028	5071.259	980262.267	-16.033	54.636	-19.811	18.791	177.045
321002.3	5433997.6	3400	2100	-0.026	5071.260	980262.268	-16.037	54.944	-19.923	18.984	178.043
321200.8	5433997.7	3400	2120	-0.025	5070.156	980261.164	-17.145	56.290	-20.411	18.735	182.405
321401.5	5434001.7	3400	2140	-0.023	5068.493	980259.501	-18.808	58.254	-21.123	18.323	188.769
321600.7	5434003.0	3400	2160	-0.022	5067.720	980258.728	-19.584	59.353	-21.522	18.247	192.331
321791.8	5433995.3	3400	2180	-0.020	5068.980	980259.988	-18.334	57.421	-20.821	18.265	186.068
D71											
322642.4	5430004.5	0	301	+0.000	5056.387	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.003	5056.387	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.082	5056.390	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5056.472	980246.563	-34.998	78.517	-28.471	15.049	254.429
322613.4	5426393.1	2640	2260	-0.049	5056.432	980246.605	-37.871	81.179	-29.436	13.872	263.056
322791.4	5426392.5	2640	2280	-0.047	5052.074	980242.247	-42.233	87.194	-31.617	13.344	282.548
322992.3	5426381.9	2640	2300	-0.044	5054.092	980244.265	-40.228	83.394	-30.239	12.927	270.233
323198.7	5426396.6	2640	2320	-0.041	5053.619	980243.792	-40.693	84.300	-30.568	13.040	273.169
323397.0	5426400.5	2640	2340	-0.039	5053.544	980243.717	-40.769	84.782	-30.742	13.271	274.732
323601.3	5426397.0	2640	2360	-0.037	5052.718	980242.891	-41.601	85.574	-31.030	12.943	277.298
323800.5	5426394.0	2640	2380	-0.035	5058.358	980248.531	-35.968	77.491	-28.099	13.425	251.106
324001.3	5426402.6	2640	2400	-0.033	5059.902	980250.075	-34.421	74.690	-27.083	13.186	242.027
324192.8	5426404.5	2640	2420	-0.032	5060.388	980250.561	-33.937	74.097	-26.868	13.293	240.108
324409.7	5426398.5	2640	2440	-0.029	5054.837	980245.010	-39.497	81.735	-29.638	12.601	264.858
324597.0	5426399.3	2640	2460	-0.027	5061.460	980251.633	-32.877	72.298	-26.216	13.206	234.277
324795.5	5426404.4	2640	2480	-0.025	5062.588	980252.761	-31.749	70.515	-25.569	13.197	228.499
325007.7	5426394.3	2640	2500	-0.022	5063.205	980253.378	-31.144	69.247	-25.109	12.994	224.392
325199.4	5426400.0	2640	2520	-0.019	5059.958	980250.131	-34.390	73.549	-26.669	12.490	238.332
322589.4	5426599.5	2660	2260	-0.051	5048.835	980239.008	-45.301	91.753	-33.270	13.182	297.320
325165.6	5426597.9	2660	2520	-0.016	5063.229	980253.402	-30.959	68.172	-24.719	12.494	220.906
322582.5	5426788.4	2680	2260	-0.054	5037.739	980227.912	-56.244	107.069	-38.824	12.001	346.952
322790.1	5426814.9	2680	2280	-0.057	5041.648	980231.821	-52.318	101.805	-36.915	12.572	329.893
322998.5	5426781.1	2680	2300	-0.061	5048.010	980238.183	-45.987	92.807	-33.652	13.168	300.737
323195.7	5426801.0	2680	2320	-0.063	5042.808	980232.981	-51.177	99.724	-36.160	12.387	323.151
323401.0	5426795.1	2680	2340	-0.065	5050.359	980240.532	-43.635	88.628	-32.137	12.857	287.195
323581.3	5426799.5	2680	2360	-0.067	5055.057	980245.230	-38.937	81.882	-29.691	13.254	265.334
323814.4	5426796.0	2680	2380	-0.070	5058.613	980248.786	-35.388	76.172	-27.620	13.163	246.831
323992.9	5426802.2	2680	2400	-0.072	5058.778	980248.951	-35.222	76.154	-27.614	13.319	246.774
324203.5	5426795.8	2680	2420	-0.075	5057.487	980247.660	-36.522	78.641	-28.516	13.604	254.833
324598.8	5426803.6	2680	2460	-0.010	5062.514	980252.687	-31.497	70.938	-25.722	13.719	229.869
324803.8	5426799.7	2680	2480	-0.012	5062.331	980252.504	-31.687	70.949	-25.726	13.536	229.906
325006.2	5426800.9	2680	2500	-0.014	5062.852	980253.025	-31.169	69.854	-25.329	13.356	226.357
324001.9	5427198.9	2720	2400	-0.005	5056.132	980246.305	-37.548	80.390	-29.150	13.692	260.498
323996.5	5427598.2	2760	2400	-0.080	5057.287	980247.460	-36.070	78.323	-28.400	13.853	253.800
D72											
322642.4	5430004.5	0	301	+0.000	5057.244	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5057.244	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.091	5057.245	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5057.336	980246.563	-34.998	78.517	-28.471	15.049	254.429
322201.4	5431198.8	3120	2220	-0.090	5065.764	980255.082	-25.506	65.731	-23.835	16.391	212.999
321600.9	5434003.3	3400	2160	-0.005	5069.458	980258.776	-19.536	59.363	-21.525	18.302	192.362
317199.2	5434397.0	3440	1720	-0.046	5078.339	980267.657	-10.249	50.653	-18.367	22.037	164.137
317604.5	5434397.0	3440	1760	-0.044	5078.869	980268.187	-9.728	49.624	-17.994	21.903	160.803
318014.6	5434408.0	3440	1800	-0.041	5079.433	980268.751	-9.163	48.486	-17.581	21.742	157.117
318404.8	5434398.7	3440	1840	-0.039	5077.526	980266.844	-11.085	51.100	-18.529	21.486	165.588
318800.2	5434393.1	3440	1880	-0.036	5076.552	980265.870	-12.072	51.619	-18.717	20.830	167.268
319202.0	5434399.5	3440	1920	-0.033	5074.628	980263.946	-13.999	54.295	-19.688	20.609	175.941
319603.3	5434401.3	3440	1960	-0.031	5072.049	980261.367	-16.584	57.700	-20.922	20.194	186.975
320001.9	5434401.8	3440	2000	-0.028	5072.443	980261.761	-16.198	56.548	-20.505	19.846	183.240
320194.8	5434401.8	3440	2020	-0.026	5073.170	980262.488	-15.474	54.934	-19.919	19.540	178.010
320400.1	5434401.3	3440	2040	-0.025	5072.920	980262.238	-15.729	54.505	-19.764	19.012	176.619
320600.1	5434397.3	3440	2060	-0.023	5071.656	980260.974	-17.000	56.413	-20.456	18.957	182.803
320804.3	5434396.6	3440	2080	-0.022	5071.996	980261.314	-16.665	56.016	-20.311	19.039	181.515
321001.7	5434407.1	3440	2100	-0.020	5069.198	980258.516	-19.458	59.453	-21.558	18.437	192.655
321203.7	5434406.4	3440	2120	-0.019	5069.214	980258.532	-19.447	59.703	-21.649	18.608	193.464
321403.2	5434395.0	3440	2140	-0.018	5069.011	980258.329	-19.663	60.060	-21.778	18.619	194.620
321599.5	5434399.3	3440	2160	-0.017	5069.172	980258.490	-19.503	59.820	-21.691	18.626	193.842
321806.8	5434402.0	3440	2180	-0.015	5070.202	980259.520	-18.474	58.116	-21.073	18.569	188.321
321922.0	5434398.2	3440	2200	-0.013	5071.413	980260.731	-17.269	56.410	-20.454	18.687	182.793
321596.5	5434596.4	3460	2160	-0.011	5069.020	980258.338	-19.495	59.933	-21.732	18.706	194.208
317198.1	5434794.1	3480	1720	-0.048	5078.621	980267.939	-9.647	49.949	-18.112	22.191	161.857
317609.8	5434802.6	3480	1760	-0.055	5079.436	980268.754	-8.833	48.658	-17.643	22.181	157.672
317998.8	5434780.1	3480	1800	-0.057	5079.435	980268.753	-8.860	47.977	-17.397	21.720	155.466
318395.4	5434807.6	3480	1840	-0.059	5077.825	980267.143	-10.456	50.333	-18.251	21.626	163.102
318791.5	5434813.4	3480	1880	-0.062	5075.333	980264.651	-12.951	52.839	-19.160	20.728	171.222
319190.9	5434791.0	3480	1920	-0.064	5075.212	980264.530	-13.098	53.436	-19.376	20.962	173.157
319607.1	5434803.9	3480	1960	-0.066	5075.327	980264.645	-12.981	52.663	-19.096	20.586	170.650
319997.7	5434801.0	3480	2000	-0.068	5072.430	980261.748	-15.888	56.186	-20.373	19.924	182.068
320396.9	5434804.4	3480	2040	-0.069	5071.298	980260.616	-17.026	56.996	-20.667	19.304	184.692
320589.5	5434803.5	3480	2060	-0.070	5072.324	980261.642	-16.004	55.455	-20.108	19.343	179.699
320798.0	5434806.3	3480	2080	-0.072	5071.901	980261.219	-16.429	55.804	-20.235	19.140	180.830
320992.0	5434797.9	3480	2100	-0.073	5071.583	980260.901	-16.758	56.041	-20.321	18.963	181.598
321197.5	5434805.9	3480	2120	-0.074	5070.700	980260.018	-17.638	57.202	-20.742	18.822	185.360

321398.1	5434803.9	3480	2140	-0.075	5068.529	980257.847	-19.815	60.565	-21.961	18.789	196.256
321591.5	5434793.8	3480	2160	-0.009	5069.324	980258.642	-19.032	59.609	-21.615	18.963	193.160
321793.1	5435205.7	3520	2180	-0.084	5070.762	980260.080	-17.265	56.929	-20.643	19.021	184.476
321992.1	5435206.0	3520	2200	-0.081	5068.104	980257.422	-19.927	60.828	-22.057	18.845	197.111
D74											
322642.4	5430004.5	0	301	+0.000	5058.933	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5058.933	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.167	5058.937	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5059.104	980246.563	-34.998	78.517	-28.471	15.049	254.429
322605.4	5424799.5	2480	2260	-0.080	5067.158	980254.784	-30.979	70.697	-25.635	14.083	229.090
322799.8	5424807.4	2480	2280	-0.084	5063.552	980251.178	-34.582	76.297	-27.666	14.049	247.235
322998.8	5424797.4	2480	2300	-0.087	5062.146	980249.772	-36.000	77.887	-28.242	13.645	252.387
323205.6	5424804.6	2480	2320	-0.090	5061.997	980249.623	-36.147	77.773	-28.201	13.425	252.020
323395.7	5424795.0	2480	2340	-0.093	5060.416	980248.042	-37.740	79.339	-28.769	12.830	257.094
323600.2	5424797.5	2480	2360	-0.097	5058.858	980246.484	-39.300	81.016	-29.377	12.339	262.527
323795.5	5424800.9	2480	2380	-0.100	5057.801	980245.427	-40.358	81.873	-29.687	11.827	265.303
323993.9	5424794.4	2480	2400	-0.103	5059.631	980247.257	-38.537	78.719	-28.544	11.638	255.083
324212.8	5424783.9	2480	2420	-0.107	5059.627	980247.253	-38.554	79.439	-28.805	12.080	257.418
324381.4	5424785.8	2480	2440	-0.110	5058.001	980245.627	-40.182	81.383	-29.510	11.691	263.717
324588.0	5424807.2	2480	2460	-0.112	5056.071	980243.697	-42.098	84.231	-30.543	11.590	272.947
324812.5	5424785.6	2480	2480	-0.115	5055.941	980243.567	-42.250	84.479	-30.632	11.596	273.749
325017.5	5424788.4	2480	2500	-0.118	5059.924	980247.550	-38.269	79.038	-28.660	12.110	256.119
322600.9	5424998.6	2500	2260	-0.077	5064.917	980252.543	-33.059	73.958	-26.818	14.082	239.657
322694.9	5425194.0	2520	2260	-0.074	5063.931	980251.557	-33.889	76.214	-27.636	14.690	246.968
322799.5	5425196.5	2520	2280	-0.055	5062.016	980249.642	-35.804	78.670	-28.526	14.340	254.926
322998.3	5425202.2	2520	2300	-0.052	5060.624	980248.250	-37.195	79.706	-28.902	13.609	258.282
323196.2	5425205.9	2520	2320	-0.049	5059.565	980247.191	-38.255	80.744	-29.278	13.211	261.646
323396.3	5425200.6	2520	2340	-0.046	5058.439	980246.065	-39.389	82.122	-29.778	12.955	266.113
323594.0	5425200.8	2520	2360	-0.044	5056.117	980243.743	-41.715	84.616	-30.682	12.219	274.194
323792.5	5425200.0	2520	2380	-0.041	5054.884	980242.510	-42.953	86.198	-31.256	11.990	279.321
324000.7	5425196.8	2520	2400	-0.038	5048.559	980236.185	-49.284	94.573	-34.292	10.996	306.457
324204.7	5425199.1	2520	2420	-0.034	5054.523	980242.149	-43.322	85.904	-31.149	11.432	278.366
324407.0	5425201.0	2520	2440	-0.032	5056.994	980244.620	-40.854	82.326	-29.852	11.621	266.773
324598.4	5425200.6	2520	2460	-0.030	5057.002	980244.628	-40.850	82.242	-29.821	11.571	266.500
324807.8	5425199.2	2520	2480	-0.027	5059.872	980247.498	-37.985	78.250	-28.374	11.891	253.563
325000.8	5425197.5	2520	2500	-0.024	5059.420	980247.046	-38.443	79.344	-28.771	12.131	257.110
325192.7	5425209.0	2520	2520	-0.137	5060.335	980247.961	-37.522	78.023	-28.291	12.210	252.829
325387.9	5425191.4	2520	2540	-0.139	5061.140	980248.766	-36.735	76.171	-27.620	11.816	246.827
325598.7	5425203.0	2520	2560	-0.140	5062.719	980250.345	-35.151	74.052	-26.852	12.050	239.961
325789.6	5425192.6	2520	2580	-0.143	5062.315	980249.941	-35.567	74.832	-27.134	12.131	242.489
326013.8	5425182.2	2520	2600	-0.145	5063.743	980251.369	-34.151	72.941	-26.449	12.341	236.361
326204.7	5425207.6	2520	2620	-0.149	5064.774	980252.400	-33.104	70.510	-25.567	11.839	228.482
326386.1	5425193.8	2520	2640	-0.152	5063.334	980250.960	-34.558	73.005	-26.472	11.975	236.568
326596.5	5425203.2	2520	2660	-0.155	5066.480	980254.106	-31.409	68.368	-24.791	12.169	221.544
324795.5	5426404.2	2640	2480	-0.017	5065.161	980252.787	-31.723	70.508	-25.567	13.219	228.478
324415.4	5426803.8	2680	2440	-0.162	5063.444	980251.070	-33.110	72.457	-26.273	13.074	234.794
D74											
322642.4	5430004.5	0	301	+0.000	3817.301	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.001	3817.301	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.084	3817.300	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.003	3817.384	980246.563	-34.998	78.517	-28.471	15.049	254.429
322794.1	5425595.3	2560	2280	-0.040	3822.344	980251.607	-33.517	74.473	-27.004	13.952	241.325
322998.8	5425601.7	2560	2300	-0.043	3819.809	980249.072	-36.051	77.900	-28.247	13.603	252.431
322793.7	5425595.7	2560	2320	-0.045	3821.905	980251.168	-33.956	74.459	-26.999	13.504	241.279
323401.9	5425604.5	2560	2340	-0.047	3815.643	980244.906	-40.223	83.391	-30.238	12.930	270.223
323595.6	5425601.2	2560	2360	-0.048	3811.015	980240.278	-44.857	88.918	-32.242	11.819	288.135
323795.7	5425603.3	2560	2380	-0.050	3805.497	980234.760	-50.377	95.994	-34.808	10.809	311.064
323996.1	5425599.9	2560	2400	-0.051	3805.346	980234.609	-50.535	96.562	-35.014	11.014	312.905
324195.4	5425602.5	2560	2420	-0.053	3801.696	980230.959	-54.187	100.809	-36.554	10.069	326.665
324394.3	5425600.0	2560	2440	-0.056	3807.016	980236.279	-48.872	93.800	-34.012	10.915	303.953
324600.7	5425599.6	2560	2460	-0.058	3814.572	980243.835	-41.321	83.760	-30.372	12.067	271.419
324796.3	5425600.2	2560	2480	-0.059	3811.937	980241.200	-43.959	87.414	-31.697	11.758	283.260
325002.8	5425596.5	2560	2500	-0.060	3818.372	980247.635	-37.531	78.649	-28.519	12.600	254.859
325193.1	5425594.9	2560	2520	-0.062	3819.873	980249.136	-36.035	76.287	-27.662	12.590	247.202
325402.0	5425597.2	2560	2540	-0.064	3820.627	980249.890	-35.283	74.982	-27.189	12.510	242.974
325598.9	5425601.2	2560	2560	-0.065	3820.608	980249.871	-35.303	74.938	-27.173	12.462	242.833
325796.9	5425597.6	2560	2580	-0.066	3821.356	980250.619	-34.562	73.821	-26.768	12.491	239.212
325988.5	5425589.8	2560	2600	-0.069	3822.525	980251.788	-33.403	71.939	-26.085	12.451	233.113
322607.3	5425802.1	2580	2260	-0.036	3822.202	980251.465	-33.488	75.002	-27.196	14.318	243.040
322599.8	5426001.6	2600	2260	-0.034	3819.934	980249.197	-35.595	78.231	-28.367	14.269	253.504
322795.8	5425995.3	2600	2280	-0.032	3818.959	980248.222	-36.579	79.138	-28.696	13.863	256.443
323000.4	5425998.1	2600	2300	-0.026	3818.350	980247.613	-37.190	79.395	-28.789	13.416	257.275
323205.9	5425996.4	2600	2320	-0.024	3817.924	980247.187	-37.621	79.902	-28.973	13.308	258.919
323401.5	5425999.7	2600	2340	-0.022	3817.093	980246.356	-38.453	81.220	-29.451	13.316	263.190
323599.8	5426000.3	2600	2360	-0.020	3817.338	980246.601	-38.212	79.862	-28.958	12.692	258.789
323799.0	5425998.7	2600	2380	-0.019	3816.691	980245.954	-38.864	80.084	-29.039	12.182	259.508
324002.7	5425999.3	2600	2400	-0.018	3818.124	980247.387	-37.435	78.242	-28.371	12.436	253.537
324206.2	5426008.8	2600	2420	-0.017	3819.314	980248.577	-36.241	77.138	-27.971	12.927	249.962
324398.4	5425990.7	2600	2440	-0.015	3818.648	980247.911	-36.925	77.938	-28.261	12.752	252.553
324605.5	5425994.6	2600	2460	-0.013	3819.288	980248.551	-36.286	76.683	-27.806	12.592	248.488
324801.7	5426003.2	2600	2480	-0.011	3822.370	980251.633	-33.201	73.146	-26.523	13.422	237.024
325003.7	5425997.3	2600	2500	-0.010	3823.233	980252.496	-32.346	71.238	-25.831	13.060	230.843
325208.2	5425995.1	2600	2520	-0.076	3820.192	980249.455	-35.393	75.014	-27.201	12.421	243.080
324415.4	5426803.8	2680	2440	-0.082	3821.799	980251.062	-33.118	72.457	-26.273	13.066	234.794
324002.0	5427199.1	2720	2400	-0.006	3817.030	980246.293	-37.559	80.405	-29.155	13.691	260.549

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322642.4	5430004.5	0	301	+0.000	3817.509	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.003	3817.509	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.074	3817.512	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	3817.586	980246.563	-34.998	78.517	-28.471	15.049	254.429
325193.1	5425594.9	2560	2520	-0.004	3820.080	980249.131	-36.040	76.275	-27.658	12.577	247.165
326240.1	5425615.9	2560	2620	-0.042	3816.281	980245.332	-39.842	80.365	-29.141	11.382	260.419
326385.4	5425560.1	2560	2640	-0.040	3822.604	980251.655	-33.567	71.688	-25.994	12.127	232.301
325610.5	5425789.7	2580	2560	-0.008	3818.857	980247.908	-37.114	77.756	-28.195	12.447	251.963
325796.6	5425802.3	2580	2580	-0.009	3819.000	980248.051	-36.964	76.899	-27.884	12.051	249.187
326051.1	5425875.6	2580	2600	-0.044	3817.657	980246.708	-38.253	78.780	-28.566	11.961	255.281
326200.3	5425793.3	2580	2620	-0.042	3817.322	980246.373	-38.657	79.532	-28.839	12.036	257.719
325598.8	5426029.8	2600	2560	-0.012	3818.248	980247.299	-37.529	78.406	-28.430	12.447	254.070
325801.7	5425999.4	2600	2580	-0.011	3816.953	980246.004	-38.852	80.312	-29.121	12.338	260.245
325902.5	5426001.1	2600	2590	-0.010	3819.386	980248.437	-36.420	76.644	-27.791	12.433	248.360
326009.8	5425998.0	2600	2600	-0.045	3819.079	980248.130	-36.732	76.877	-27.876	12.270	249.115
326200.9	5425951.2	2600	2620	-0.048	3818.783	980247.834	-37.069	77.122	-27.965	12.088	249.909
326217.0	5426046.9	2605	2620	-0.048	3819.169	980248.220	-36.606	76.588	-27.771	12.211	248.178
326128.3	5426093.1	2610	2610	-0.047	3819.904	980248.955	-35.832	75.375	-27.331	12.212	244.247
325403.1	5426263.2	2620	2540	-0.013	3821.154	980250.205	-34.430	73.939	-26.810	12.698	239.594
325597.8	5426198.8	2620	2560	-0.017	3818.670	980247.721	-36.970	77.863	-28.234	12.660	252.312
325797.8	5426202.8	2620	2580	-0.018	3819.317	980248.368	-36.324	76.530	-27.750	12.456	247.992
325942.7	5426206.2	2620	2600	-0.019	3820.628	980249.679	-35.013	74.528	-27.024	12.491	241.503
325396.4	5426408.4	2640	2540	-0.031	3822.389	980251.440	-33.078	71.696	-25.997	12.621	232.327
325603.3	5426397.6	2640	2560	-0.024	3819.013	980248.064	-36.467	76.882	-27.878	12.537	249.132
325801.2	5426404.6	2640	2580	-0.022	3820.716	980249.767	-34.762	74.354	-26.961	12.631	240.940
325935.3	5426376.6	2640	2600	-0.021	3821.561	980250.612	-33.942	73.059	-26.491	12.625	236.742
325401.7	5426593.9	2660	2540	-0.029	3823.318	980252.369	-31.999	69.974	-25.373	12.601	226.745
325594.3	5426596.7	2660	2560	-0.024	3821.309	980250.360	-34.010	72.573	-26.315	12.248	235.170
325770.5	5426673.6	2660	2580	-0.026	3823.061	980252.112	-32.199	70.757	-25.657	12.901	229.284
325396.7	5426796.5	2680	2540	-0.029	3824.021	980253.072	-31.133	68.715	-24.916	12.666	222.667

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325057.6	5425197.3	0	302	+0.000	5059.388	980245.204	-40.285	81.813	-29.666	11.862	265.109
325057.6	5425197.3	0	302	+0.000	5059.388	980245.204	-40.285	81.813	-29.666	11.862	265.109
325057.6	5425197.3	0	302	-0.110	5059.388	980245.204	-40.285	81.813	-29.666	11.862	265.109
325057.6	5425197.3	0	302	-0.005	5059.498	980245.204	-40.285	81.813	-29.666	11.862	265.109
328001.5	5424405.0	2440	2800	-0.082	5065.865	980251.681	-34.505	70.424	-25.536	10.383	228.206
325183.2	5424799.3	2480	2520	-0.012	5061.062	980246.878	-38.936	79.915	-28.978	12.002	258.961
325401.2	5424801.8	2480	2540	-0.015	5062.256	980248.072	-37.744	77.943	-28.263	11.937	252.570
325609.8	5424784.0	2480	2560	-0.019	5063.738	980249.554	-36.280	75.645	-27.429	11.936	245.124
325794.2	5424761.5	2480	2580	-0.022	5065.978	980251.794	-34.062	72.694	-26.359	12.273	235.561
326000.7	5424791.6	2480	2600	-0.025	5066.358	980252.174	-33.662	72.045	-26.124	12.259	233.456
326181.2	5424801.3	2480	2620	-0.029	5067.169	980252.985	-32.846	70.614	-25.605	12.163	228.821
326406.1	5424789.9	2480	2640	-0.034	5061.942	980247.758	-38.087	77.526	-28.111	11.328	251.219
326590.0	5424773.0	2480	2660	-0.041	5064.962	980250.778	-35.084	73.519	-26.658	11.777	238.234
326798.9	5424786.4	2480	2680	-0.049	5069.792	980255.608	-30.247	66.389	-24.073	12.069	215.130
326995.1	5424789.1	2480	2700	-0.052	5070.185	980256.001	-29.856	65.294	-23.676	11.762	211.580
327199.0	5424802.1	2480	2720	-0.055	5070.731	980256.547	-29.303	63.961	-23.192	11.465	207.261
327401.6	5424791.3	2480	2740	-0.059	5070.705	980256.521	-29.342	63.436	-23.002	11.092	205.561
327601.7	5424795.9	2480	2760	-0.063	5068.264	980254.080	-31.783	67.162	-24.353	11.026	217.635
327797.8	5424795.1	2480	2780	-0.068	5068.703	980254.519	-31.348	65.960	-23.917	10.694	213.739
328004.9	5424778.1	2480	2800	-0.073	5061.407	980247.223	-38.662	75.804	-27.487	9.656	245.639
325001.2	5425197.6	2520	2500	-0.109	5061.223	980247.039	-38.449	79.309	-28.758	12.102	256.996
326774.1	5425196.3	2520	2680	-0.093	5068.782	980254.598	-30.925	67.442	-24.455	12.062	218.541
324187.4	5429605.6	2960	2420	+0.000	5071.852	980257.668	-24.245	62.506	-22.665	15.596	202.548

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325057.6	5425197.3	0	302	+0.000	3816.368	980245.204	-40.285	81.813	-29.666	11.862	265.109
325057.6	5425197.3	0	302	-0.002	3816.368	980245.204	-40.285	81.813	-29.666	11.862	265.109
325057.6	5425197.3	0	302	-0.053	3816.370	980245.204	-40.285	81.813	-29.666	11.862	265.109
325057.6	5425197.3	0	302	-0.012	3816.423	980245.204	-40.285	81.813	-29.666	11.862	265.109
326602.7	5424045.1	2400	2660	-0.036	3822.490	980251.324	-35.126	73.546	-26.668	11.753	238.323
326792.8	5424019.7	2400	2680	-0.034	3825.801	980254.635	-31.839	68.651	-24.893	11.919	222.458
326999.9	5423996.9	2400	2700	-0.032	3825.020	980253.854	-32.643	69.713	-25.278	11.792	225.900
327187.1	5424000.9	2400	2720	-0.031	3826.086	980254.920	-31.577	67.500	-24.476	11.448	218.731
326998.5	5424192.6	2420	2700	-0.029	3826.554	980255.388	-30.951	67.010	-24.298	11.762	217.143
325197.8	5424399.0	2440	2520	-0.010	3819.815	980248.649	-37.488	77.601	-28.139	11.975	251.463
325390.4	5424392.0	2440	2540	-0.011	3819.791	980248.625	-37.521	77.555	-28.122	11.912	251.311
325599.1	5424408.8	2440	2560	-0.013	3821.275	980250.109	-36.028	75.671	-27.438	12.205	245.206
325791.0	5424404.2	2440	2580	-0.015	3820.631	980249.465	-36.679	76.216	-27.636	11.900	246.972
326002.5	5424391.3	2440	2600	-0.017	3823.187	980252.021	-34.138	72.571	-26.315	12.119	235.163
326205.7	5424394.2	2440	2620	-0.019	3820.208	980249.042	-37.118	76.632	-27.787	11.727	248.321
326401.1	5424394.1	2440	2640	-0.022	3813.059	980241.893	-44.271	86.145	-31.237	10.637	279.149
326586.1	5424397.5	2440	2660	-0.023	3819.829	980248.663	-37.502	76.349	-27.684	11.162	247.403
326796.7	5424398.9	2440	2680	-0.027	3826.172	980255.006	-31.162	67.502	-24.477	11.864	218.737
325001.2	5425197.6	2520	2500	-0.052	3818.227	980247.061	-38.427	79.309	-28.758	12.124	256.996
324187.4	5429605.6	2960	2420	+0.118	3828.818	980257.654	-24.259	62.506	-22.665	15.582	202.548

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322642.4	5430004.5	0	301	+0.000	5061.593	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5061.593	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.215	5061.597	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5061.812	980246.563	-34.998	78.517	-28.471	15.049	254.429
325405.9	5423600.7	2360	2540	-0.161	5061.099	980246.065	-40.721	81.640	-29.603	11.316	264.548
325593.2	5423600.2	2360	2560	-0.163	5064.960	980249.926	-36.864	76.388	-27.699	11.826	247.530
325785.9	5423591.9	2360	2580	-0.167	5063.787	980248.753	-38.047	77.818	-28.217	11.554	252.166
325989.3	5423598.0	2360	2600	-0.168	5063.286	980248.252	-38.547	78.036	-28.296	11.193	252.871

326185.0	5423593.6	2360	2620	-0.171	5055.233	980240.199	-46.607	89.469	-32.442	10.420	289.920
326380.7	5423607.6	2360	2640	-0.175	5054.370	980239.336	-47.463	90.488	-32.811	10.214	293.221
325388.4	5423804.7	2380	2540	-0.158	5062.768	980247.734	-38.887	79.189	-28.714	11.588	256.607
326402.6	5423781.2	2380	2640	-0.178	5055.592	980240.558	-46.101	88.837	-32.213	10.523	287.872
322595.1	5424000.2	2400	2260	-0.095	5073.028	980257.994	-28.414	67.301	-24.404	14.484	218.086
322800.9	5424002.6	2400	2280	-0.091	5071.691	980256.657	-29.753	68.709	-24.914	14.042	222.648
322996.0	5423993.8	2400	2300	-0.088	5069.211	980254.177	-32.244	72.132	-26.156	13.733	233.741
323216.0	5423997.2	2400	2320	-0.085	5066.731	980251.697	-34.726	75.587	-27.408	13.453	244.936
323397.6	5424000.8	2400	2340	-0.082	5064.774	980249.740	-36.683	78.086	-28.314	13.088	253.033
323596.5	5423998.7	2400	2360	-0.079	5064.171	980249.137	-37.292	78.832	-28.585	12.955	255.451
323794.3	5423995.7	2400	2380	-0.077	5063.425	980248.391	-38.044	79.565	-28.851	12.670	257.825
323999.8	5424003.4	2400	2400	-0.074	5062.027	980246.993	-39.440	81.180	-29.436	12.304	263.060
324197.8	5423999.9	2400	2420	-0.071	5062.626	980247.592	-38.848	79.640	-28.878	11.915	258.070
324395.9	5423993.7	2400	2440	-0.069	5064.307	980249.273	-37.176	76.870	-27.874	11.821	249.094
324599.0	5424005.8	2400	2460	-0.065	5064.282	980249.248	-37.195	76.545	-27.755	11.594	248.038
324784.6	5423986.5	2400	2480	-0.062	5065.628	980250.594	-35.868	75.048	-27.213	11.967	243.188
325005.3	5424004.1	2400	2500	-0.057	5065.585	980250.551	-35.901	75.252	-27.287	12.064	243.849
325210.3	5424004.7	2400	2520	-0.053	5064.946	980249.912	-36.544	76.036	-27.571	11.922	246.391
325397.8	5423998.4	2400	2540	-0.050	5063.824	980248.790	-37.675	77.612	-28.142	11.795	251.496
325601.4	5424005.0	2400	2560	-0.192	5064.694	980249.660	-36.803	76.438	-27.717	11.918	247.694
325789.4	5424019.9	2400	2580	-0.189	5066.058	980251.024	-35.431	74.218	-26.912	11.876	240.499
326010.0	5424007.4	2400	2600	-0.186	5065.871	980250.837	-35.632	74.572	-27.040	11.900	241.645
326210.2	5424010.7	2400	2620	-0.184	5056.446	980241.412	-45.058	87.608	-31.767	10.783	283.888
326417.2	5424005.4	2400	2640	-0.182	5057.019	980241.985	-44.494	86.717	-31.444	10.779	281.000
322600.1	5424201.7	2420	2260	-0.098	5070.983	980255.949	-30.296	70.227	-25.465	14.466	227.568
322599.9	5424394.1	2440	2260	-0.102	5069.681	980254.647	-31.443	72.021	-26.115	14.463	233.381
322800.6	5424397.2	2440	2280	-0.113	5067.845	980252.811	-33.280	74.083	-26.863	13.940	240.061
322999.9	5424404.9	2440	2300	-0.116	5066.674	980251.640	-34.449	75.543	-27.392	13.702	244.794
323209.8	5424391.9	2440	2320	-0.118	5065.923	980250.889	-35.215	76.046	-27.575	13.257	246.424
323385.3	5424400.0	2440	2340	-0.122	5064.881	980249.847	-36.254	77.208	-27.996	12.958	250.187
323602.5	5424383.6	2440	2360	-0.127	5063.950	980248.916	-37.202	78.093	-28.317	12.574	253.056
323793.8	5424393.9	2440	2380	-0.130	5061.704	980246.670	-39.444	81.284	-29.474	12.367	263.397
323998.8	5424387.9	2440	2400	-0.133	5051.707	980236.673	-49.450	94.327	-34.203	10.674	305.660
324193.0	5424402.3	2440	2420	-0.135	5055.684	980240.650	-45.465	88.701	-32.163	11.073	287.431
324383.4	5424385.4	2440	2440	-0.139	5057.149	980242.115	-44.017	86.501	-31.365	11.118	280.300
324589.9	5424409.7	2440	2460	-0.141	5058.709	980243.675	-42.441	84.518	-30.647	11.430	273.875
324794.1	5424403.5	2440	2480	-0.145	5063.593	980248.559	-37.566	77.481	-28.095	11.820	251.072
324996.1	5424402.3	2440	2500	-0.148	5064.002	980248.968	-37.162	77.295	-28.028	12.105	250.470
325197.6	5424399.4	2440	2520	-0.152	5063.664	980248.630	-37.507	77.630	-28.149	11.975	251.556
325182.8	5424799.1	2480	2520	-0.042	5061.904	980246.870	-38.944	79.893	-28.970	11.980	258.890
323197.3	5429207.6	2920	2320	-0.211	5058.837	980243.803	-38.412	82.912	-30.064	14.436	268.671

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322642.4	5430004.5	0	301	+0.000	3817.891	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.003	3817.891	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.097	3817.888	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	3817.985	980246.563	-34.998	78.517	-28.471	15.049	254.429
328389.6	5424399.2	2440	2840	-0.012	3820.874	980249.549	-36.649	72.131	-26.155	9.327	233.735
328801.5	5424387.3	2440	2880	-0.016	3817.073	980245.748	-40.468	76.792	-27.845	8.479	248.841
329191.9	5424398.2	2440	2920	-0.017	3813.690	980242.365	-43.849	80.947	-29.352	7.746	262.304
329478.1	5424443.4	2440	2960	-0.023	3821.245	980249.920	-36.263	69.160	-25.078	7.819	224.108
327401.6	5424791.3	2480	2740	-0.093	3827.852	980256.527	-29.336	63.438	-23.003	11.099	205.566
328394.6	5424904.9	2480	2840	-0.038	3813.622	980242.297	-43.493	81.522	-29.560	8.469	264.168
328807.8	5424802.0	2480	2880	-0.036	3813.341	980242.016	-43.865	82.330	-29.853	8.612	266.785
329202.4	5424799.4	2480	2920	-0.032	3820.076	980248.751	-37.140	71.923	-26.080	8.704	233.062
329588.2	5424798.9	2480	2960	-0.030	3820.677	980249.352	-36.546	70.569	-25.589	8.434	228.675
328206.6	5424986.0	2500	2820	-0.040	3820.884	980249.559	-36.162	71.589	-25.958	9.469	231.980
328002.3	5425197.3	2520	2800	-0.043	3821.017	980249.692	-35.854	71.434	-25.902	9.678	231.478
328209.3	5425186.2	2520	2820	-0.045	3818.766	980247.441	-38.118	74.014	-26.838	9.058	239.838
328399.9	5425158.6	2520	2840	-0.047	3816.672	980245.347	-40.238	76.492	-27.736	8.517	247.868
328783.3	5425186.6	2520	2880	-0.052	3822.777	980251.452	-34.118	68.039	-24.671	9.250	220.477
329191.8	5425193.1	2520	2920	-0.060	3822.880	980251.555	-34.017	67.562	-24.498	9.047	218.931
329562.6	5425196.2	2520	2960	-0.063	3821.900	980250.575	-35.002	67.763	-24.571	8.190	219.582
328600.7	5425602.1	2560	2860	-0.079	3828.561	980257.236	-27.995	59.167	-21.454	9.718	191.728
328804.2	5425592.6	2560	2880	-0.077	3829.575	980258.250	-26.992	57.359	-20.799	9.568	185.868
329180.4	5425670.6	2560	2920	-0.073	3831.820	980260.495	-24.692	52.749	-19.127	8.930	170.929
329588.5	5425597.0	2560	2960	-0.066	3825.148	980253.823	-31.431	62.598	-22.698	8.469	202.844

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322642.4	5430004.5	0	301	+0.000	5062.534	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	5062.534	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.183	5062.534	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5062.717	980246.563	-34.998	78.517	-28.471	15.049	254.429
327222.2	5427174.9	2720	2720	-0.155	5055.598	980239.627	-44.308	85.652	-31.058	10.286	277.549
327405.6	5427203.9	2720	2740	-0.152	5059.874	980243.903	-40.011	78.999	-28.645	10.342	255.991
327611.1	5427201.1	2720	2760	-0.149	5054.113	980238.142	-45.779	87.501	-31.728	9.994	283.541
327811.2	5427186.6	2720	2780	-0.147	5053.507	980237.536	-46.400	87.983	-31.903	9.680	285.103
328008.3	5427206.4	2720	2800	-0.145	5054.576	980238.605	-45.319	85.638	-31.053	9.266	277.504
328210.1	5427202.9	2720	2820	-0.142	5065.675	980249.704	-34.227	70.155	-25.438	10.490	227.333
328404.9	5427195.9	2720	2840	-0.138	5067.868	980251.897	-32.043	66.840	-24.236	10.561	216.591
328623.5	5427198.2	2720	2860	-0.135	5068.401	980252.430	-31.512	65.895	-23.894	10.489	213.530
328807.9	5427192.2	2720	2880	-0.132	5069.739	980253.768	-30.183	63.810	-23.138	10.490	206.772
329002.6	5427202.8	2720	2900	-0.126	5071.225	980255.254	-28.692	61.439	-22.278	10.469	199.090
329201.6	5427185.0	2720	2920	-0.123	5070.747	980254.776	-29.188	62.045	-22.498	10.359	201.053
329417.1	5427188.0	2720	2940	-0.119	5071.643	980255.672	-28.294	60.693	-22.007	10.392	196.671
329604.3	5427200.1	2720	2960	-0.117	5071.583	980255.612	-28.348	60.494	-21.935	10.211	196.028
327244.8	5427402.5	2740	2720	-0.158	5059.222	980243.251	-40.500	80.578	-29.218	10.860	261.107

329404.0	5427383.9	2740	2940	-0.114	5071.136	980255.165	-28.642	61.434	-22.276	10.516	199.074
326799.5	5427596.6	2760	2680	-0.044	5054.630	980238.659	-44.927	86.969	-31.535	10.507	281.819
327003.8	5427598.6	2760	2700	-0.048	5061.173	980245.202	-38.386	78.613	-28.505	11.721	254.741
327199.5	5427599.4	2760	2720	-0.052	5061.110	980245.139	-38.452	78.815	-28.579	11.784	255.395
327401.0	5427600.9	2760	2740	-0.055	5056.124	980240.153	-43.441	85.017	-30.828	10.749	275.493
327601.3	5427599.1	2760	2760	-0.057	5056.966	980240.995	-42.604	83.735	-30.363	10.768	271.338
327793.7	5427584.0	2760	2780	-0.063	5060.267	980244.296	-39.319	78.700	-28.537	10.844	255.024
327989.8	5427600.3	2760	2800	-0.067	5058.203	980242.232	-41.374	80.628	-29.236	10.018	261.269
328195.0	5427601.3	2760	2820	-0.071	5065.202	980249.231	-34.378	70.697	-25.635	10.684	229.089
328400.4	5427613.1	2760	2840	-0.076	5066.224	980250.253	-33.350	69.170	-25.081	10.739	224.141
328591.1	5427596.2	2760	2860	-0.078	5068.711	980252.740	-30.880	65.374	-23.705	10.789	211.840
328791.5	5427627.4	2760	2880	-0.084	5072.182	980256.211	-27.388	59.982	-21.750	10.844	194.368
328997.6	5427610.5	2760	2900	-0.089	5072.575	980256.604	-27.013	59.240	-21.481	10.747	191.963
329201.7	5427597.0	2760	2920	-0.092	5071.518	980255.547	-28.084	60.879	-22.075	10.720	197.274
329391.0	5427598.5	2760	2940	-0.094	5072.693	980256.722	-26.912	58.942	-21.373	10.658	190.999
329594.9	5427600.4	2760	2960	-0.096	5073.888	980257.917	-25.719	56.772	-20.586	10.467	183.966
325198.6	5428800.9	2880	2520	-0.175	5071.926	980255.955	-26.628	64.349	-23.333	14.388	208.519
325405.6	5428841.2	2880	2540	-0.026	5072.335	980256.364	-26.190	63.238	-22.930	14.118	204.920
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322642.4	5430004.5	0	301	+0.000	3818.108	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.001	3818.108	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.074	3818.107	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	3818.181	980246.563	-34.998	78.517	-28.471	15.049	254.429
327401.7	5424791.3	2480	2740	-0.004	3828.079	980256.535	-29.328	63.446	-23.006	11.113	205.594
328001.3	5425603.9	2560	2800	-0.054	3821.299	980249.755	-35.463	70.255	-25.475	9.317	227.657
328185.2	5425660.8	2560	2820	-0.056	3820.139	980248.595	-36.581	71.396	-25.889	8.927	231.356
328395.5	5425611.8	2560	2840	-0.058	3826.652	980255.108	-30.111	62.522	-22.671	9.740	202.599
328601.1	5425600.8	2560	2860	-0.063	3828.816	980257.272	-27.960	59.146	-21.447	9.740	191.660
327399.0	5425801.3	2580	2740	-0.048	3816.715	980245.171	-39.876	79.083	-28.676	10.531	256.265
327571.9	5425810.5	2580	2760	-0.049	3822.392	980250.848	-34.195	70.212	-25.459	10.558	227.519
327790.7	5425802.5	2580	2780	-0.051	3818.427	980246.883	-38.171	74.948	-27.176	9.601	242.864
327996.6	5425801.6	2580	2800	-0.052	3819.420	980247.876	-37.182	72.972	-26.460	9.330	236.462
328799.3	5425802.2	2580	2880	-0.020	3831.437	980259.893	-25.180	54.352	-19.708	9.464	176.125
327278.6	5426048.1	2600	2720	-0.046	3815.768	980244.224	-40.622	80.402	-29.154	10.627	260.539
327402.6	5425994.0	2600	2740	-0.044	3815.512	980243.968	-40.923	79.786	-28.931	9.932	258.541
327583.2	5425988.1	2600	2760	-0.042	3819.057	980247.513	-37.387	74.619	-27.057	10.175	241.799
327789.8	5425999.9	2600	2780	-0.040	3824.750	980253.206	-31.688	66.359	-24.062	10.609	215.034
328001.1	5426004.0	2600	2800	-0.037	3823.212	980251.668	-33.227	67.989	-24.653	10.109	220.315
328203.9	5426004.5	2600	2820	-0.032	3826.779	980255.235	-29.664	62.527	-22.672	10.191	202.614
328398.6	5426000.5	2600	2840	-0.031	3827.347	980255.803	-29.102	61.135	-22.168	9.865	198.104
328605.8	5426004.4	2600	2860	-0.030	3828.400	980256.856	-28.050	59.296	-21.501	9.745	192.144
328775.4	5425993.7	2600	2880	-0.021	3831.670	980260.126	-24.792	53.907	-19.547	9.568	174.683
D79											
322642.4	5430004.5	0	301	+0.000	5063.443	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.004	5063.443	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.210	5063.439	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	5063.649	980246.563	-34.998	78.517	-28.471	15.049	254.429
324187.2	5429605.5	2960	2420	-0.008	5074.541	980257.665	-24.248	62.506	-22.665	15.593	202.547
322201.1	5431198.3	3120	2220	-0.156	5071.953	980255.077	-25.511	65.733	-23.835	16.387	213.004
322397.2	5431205.4	3120	2240	-0.153	5072.215	980255.339	-25.247	65.171	-23.631	16.293	211.183
322607.2	5431209.6	3120	2260	-0.149	5079.266	980262.390	-18.197	55.012	-19.948	16.867	178.264
322595.6	5431405.9	3140	2260	-0.145	5078.577	980261.701	-18.728	56.120	-20.349	17.043	181.853
322202.6	5431603.0	3160	2220	-0.137	5075.651	980258.775	-21.487	60.504	-21.939	17.079	196.061
322393.6	5431599.6	3160	2240	-0.140	5076.178	980259.302	-20.966	59.349	-21.520	16.863	192.318
322612.2	5431996.3	3200	2260	-0.116	5076.536	980259.660	-20.292	59.530	-21.586	17.652	192.905
322797.2	5432012.3	3200	2280	-0.113	5076.137	980259.261	-20.682	60.264	-21.852	17.730	195.282
323003.1	5431991.0	3200	2300	-0.110	5076.042	980259.166	-20.798	60.575	-21.965	17.812	196.289
323190.3	5432007.4	3200	2320	-0.107	5077.913	980261.037	-18.917	57.343	-20.793	17.633	185.818
323390.0	5431991.5	3200	2340	-0.099	5081.281	980264.405	-15.567	52.078	-18.884	17.628	168.756
323390.9	5432206.3	3220	2340	-0.090	5079.789	980262.913	-16.885	54.111	-19.621	17.605	175.345
322204.8	5432526.7	3240	2220	-0.060	5074.865	980257.989	-21.527	61.006	-22.121	17.358	197.685
322397.4	5432404.9	3240	2240	-0.064	5073.893	980257.017	-22.601	62.972	-22.834	17.537	204.056
322605.0	5432403.2	3240	2260	-0.065	5074.945	980258.069	-21.555	61.528	-22.310	17.663	199.378
322786.5	5432400.2	3240	2280	-0.069	5074.262	980257.386	-22.243	62.711	-22.739	17.728	203.212
323004.9	5432376.0	3240	2300	-0.080	5077.018	980260.142	-19.511	58.607	-21.251	17.845	189.913
323191.8	5432395.6	3240	2320	-0.083	5075.668	980258.792	-20.849	60.217	-21.835	17.533	195.129
323381.3	5432404.8	3240	2340	-0.086	5080.393	980263.517	-16.121	53.622	-19.444	18.058	173.759
322376.8	5432577.1	3260	2240	-0.055	5077.109	980260.233	-19.246	58.504	-21.214	18.045	189.578
322803.8	5432795.7	3280	2280	-0.042	5076.159	980259.283	-20.028	59.688	-21.643	18.017	193.414
322997.0	5432805.2	3280	2300	-0.039	5075.411	980258.535	-20.772	59.975	-21.747	17.456	194.346
322482.9	5432996.0	3300	2240	-0.028	5081.933	980265.057	-14.086	50.710	-18.388	18.237	164.324
322603.5	5433003.2	3300	2260	-0.025	5074.940	980258.064	-21.075	60.998	-22.118	17.805	197.661
322808.4	5433008.7	3300	2280	-0.034	5075.604	980258.728	-20.411	59.674	-21.638	17.625	193.370
D80											
322642.4	5430004.5	0	301	+0.000	5064.348	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5064.348	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.254	5064.350	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5064.604	980246.563	-34.998	78.517	-28.471	15.049	254.429
326589.3	5426411.5	2640	2660	-0.165	5052.985	980235.198	-49.341	94.023	-34.093	10.590	304.677
326798.6	5426384.8	2640	2680	-0.174	5037.218	980219.431	-65.133	116.093	-42.096	8.864	376.191
327007.7	5426404.5	2640	2700	-0.183	5035.778	980217.991	-66.562	117.138	-42.475	8.102	379.580
326391.4	5426605.8	2660	2640	-0.161	5056.190	980238.403	-45.975	89.467	-32.441	11.051	289.914
326830.6	5426608.4	2660	2680	-0.196	5023.932	980206.145	-78.240	131.823	-47.799	5.784	427.163
326203.1	5426794.6	2680	2620	-0.156	5057.793	980240.006	-44.216	86.774	-31.465	11.093	281.185
326403.3	5426787.5	2680	2640	-0.151	5047.584	980229.797	-54.435	100.828	-36.561	9.833	326.727

326604.4	5426790.0	2680	2660	-0.143	5029.642	980211.855	-72.378	125.195	-45.396	7.420	405.686
326807.1	5426787.6	2680	2680	-0.124	5029.840	980212.053	-72.186	124.703	-45.218	7.299	404.092
327003.1	5426805.8	2680	2700	-0.116	5047.063	980229.276	-54.952	101.063	-36.646	9.465	327.489
326606.1	5426998.2	2700	2660	-0.200	5020.048	980202.261	-81.804	136.970	-49.666	5.500	443.843
326953.6	5427005.1	2700	2700	-0.107	5047.672	980229.885	-54.181	99.858	-36.209	9.468	323.584
326000.4	5427231.0	2720	2600	-0.058	5060.807	980243.020	-40.845	81.943	-29.713	11.385	265.532
326193.2	5427192.0	2720	2620	-0.062	5049.697	980231.910	-51.991	97.293	-35.279	10.023	315.272
326414.1	5427203.3	2720	2640	-0.070	5033.555	980215.768	-68.128	118.293	-42.894	7.272	383.323
326582.9	5427189.2	2720	2660	-0.084	5030.047	980212.260	-71.651	123.165	-44.660	6.854	399.109
326806.4	5427188.0	2720	2680	-0.091	5038.770	980220.983	-62.933	111.901	-40.576	8.392	362.608
326974.5	5427194.7	2720	2700	-0.097	5051.591	980233.804	-50.110	94.267	-34.182	9.976	305.467
326010.9	5427385.7	2740	2600	-0.055	5059.436	980241.649	-42.092	83.753	-30.369	11.292	271.396
325999.4	5427599.7	2760	2600	-0.049	5067.721	980249.934	-33.634	71.674	-25.989	12.051	232.254
326194.4	5427583.4	2760	2620	-0.044	5065.185	980247.398	-36.187	73.902	-26.797	10.918	239.476
326402.1	5427586.6	2760	2640	-0.041	5059.368	980241.581	-42.005	81.673	-29.615	10.053	264.658
326600.3	5427598.8	2760	2660	-0.036	5054.492	980236.705	-46.875	89.266	-32.368	10.023	289.262
326800.3	5427596.5	2760	2680	-0.030	5056.397	980238.610	-44.976	86.969	-31.535	10.458	281.818
325405.9	5428841.2	2880	2540	-0.218	5074.106	980256.319	-26.235	63.235	-22.929	14.071	204.910
D80											
322642.4	5430004.5	0	301	+0.000	3818.500	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.001	3818.500	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.104	3818.499	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.003	3818.603	980246.563	-34.998	78.517	-28.471	15.049	254.429
322818.4	5423198.0	2320	2280	-0.073	3833.099	980261.163	-25.897	62.953	-22.827	14.229	203.996
322993.2	5423194.5	2320	2300	-0.075	3829.894	980257.958	-29.108	67.492	-24.473	13.911	218.705
323194.6	5423194.5	2320	2320	-0.077	3828.446	980256.510	-30.561	68.915	-24.989	13.365	223.314
323393.2	5423168.0	2320	2340	-0.080	3826.746	980254.810	-32.286	71.419	-25.897	13.236	231.429
323601.0	5423198.4	2320	2360	-0.082	3824.700	980252.764	-34.311	74.510	-27.018	13.181	241.446
323802.1	5423203.6	2320	2380	-0.083	3822.891	980250.955	-36.120	76.939	-27.898	12.921	249.317
323998.1	5423202.3	2320	2400	-0.085	3821.124	980249.188	-37.892	79.115	-28.687	12.535	256.366
324195.7	5423199.6	2320	2420	-0.086	3818.904	980246.968	-40.118	82.057	-29.754	12.185	265.900
324407.9	5423199.6	2320	2440	-0.088	3822.739	980250.803	-36.287	75.398	-27.340	11.771	244.323
324594.7	5423195.9	2320	2460	-0.090	3822.922	980250.986	-36.111	74.898	-27.158	11.628	242.701
324798.4	5423195.3	2320	2480	-0.092	3824.030	980252.094	-35.007	73.606	-26.690	11.909	238.515
322593.0	5423406.1	2340	2260	-0.065	3831.317	980259.381	-27.507	66.423	-24.085	14.831	215.239
322798.8	5423398.3	2340	2280	-0.068	3829.988	980258.052	-28.846	67.721	-24.556	14.319	219.445
324996.9	5423400.4	2340	2500	-0.094	3823.239	980251.303	-35.637	74.841	-27.138	12.067	242.517
322600.6	5423611.9	2360	2260	-0.063	3830.690	980258.754	-27.968	67.011	-24.298	14.745	217.144
322803.9	5423606.7	2360	2280	-0.061	3828.724	980256.788	-29.942	69.154	-25.075	14.136	224.089
322996.0	5423605.3	2360	2300	-0.059	3827.295	980255.359	-31.376	70.968	-25.733	13.859	229.969
323203.3	5423600.9	2360	2320	-0.058	3826.010	980254.074	-32.668	72.626	-26.334	13.623	235.339
323406.7	5423600.4	2360	2340	-0.054	3824.842	980252.906	-33.841	74.020	-26.840	13.339	239.857
323601.9	5423601.4	2360	2360	-0.053	3822.641	980250.705	-36.045	77.120	-27.964	13.111	249.902
323798.9	5423605.0	2360	2380	-0.051	3821.397	980249.461	-37.290	78.476	-28.456	12.730	254.296
324001.6	5423600.4	2360	2400	-0.047	3821.506	980249.570	-37.188	77.885	-28.242	12.455	252.383
324211.4	5423604.8	2360	2420	-0.046	3818.886	980246.950	-39.809	81.315	-29.485	12.021	263.498
324397.6	5423610.4	2360	2440	-0.044	3820.666	980248.730	-38.028	77.793	-28.208	11.557	252.083
324601.6	5423597.2	2360	2460	-0.042	3823.003	980251.067	-35.706	74.415	-26.983	11.726	241.139
324797.2	5423597.2	2360	2480	-0.041	3823.410	980251.474	-35.303	74.352	-26.960	12.089	240.933
324995.4	5423600.6	2360	2500	-0.040	3823.084	980251.148	-35.630	74.964	-27.182	12.152	242.915
325199.3	5423602.4	2360	2520	-0.037	3821.871	980249.935	-36.845	76.361	-27.689	11.827	247.442
325388.4	5423804.4	2380	2540	-0.097	3819.661	980247.725	-38.896	79.180	-28.711	11.573	256.579
322596.7	5429602.7	2960	2260	-0.005	3817.229	980245.293	-36.591	80.664	-29.249	14.824	261.387
321201.5	5435200.9	3520	2120	-0.013	3834.176	980262.240	-15.097	54.077	-19.609	19.371	175.234
321400.7	5435201.5	3520	2140	-0.012	3831.585	980259.649	-17.692	57.798	-20.958	19.149	187.292
322203.5	5435190.4	3520	2220	-0.022	3828.353	980256.417	-20.949	62.300	-22.590	18.761	201.879
322400.4	5435209.4	3520	2240	-0.024	3829.004	980257.068	-20.286	61.278	-22.220	18.772	198.568
D81											
322642.4	5430004.5	0	301	+0.000	5065.267	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5065.267	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.199	5065.271	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5065.470	980246.563	-34.998	78.517	-28.471	15.049	254.429
327007.9	5426405.3	2640	2700	-0.156	5036.729	980218.021	-66.531	117.116	-42.467	8.118	379.506
327204.7	5426324.6	2640	2720	-0.148	5053.576	980234.868	-49.753	93.036	-33.735	9.548	301.477
327409.1	5426391.8	2640	2740	-0.144	5064.072	980245.364	-39.206	77.103	-27.958	9.939	249.848
327608.0	5426393.4	2640	2760	-0.140	5069.818	980251.110	-33.463	69.131	-25.067	10.601	224.016
327808.5	5426400.6	2640	2780	-0.135	5071.316	980252.608	-31.963	66.823	-24.230	10.630	216.536
328006.8	5426403.2	2640	2800	-0.124	5070.367	980251.659	-32.914	67.540	-24.490	10.136	218.858
328202.8	5426402.6	2640	2820	-0.121	5073.513	980254.805	-29.772	62.888	-22.803	10.313	203.784
328402.5	5426426.3	2640	2840	-0.117	5074.341	980255.633	-28.928	61.262	-22.214	10.120	198.516
328603.7	5426401.6	2640	2860	-0.113	5074.714	980256.006	-28.579	60.677	-22.002	10.096	196.620
328808.9	5426400.2	2640	2880	-0.110	5074.170	980255.462	-29.128	61.208	-22.194	9.885	198.340
328998.0	5426409.7	2640	2900	-0.107	5075.365	980256.657	-27.929	59.228	-21.476	9.822	191.924
329197.8	5426405.2	2640	2920	-0.103	5071.128	980252.420	-32.174	65.092	-23.603	9.316	210.926
329615.4	5426403.8	2640	2960	-0.094	5073.645	980254.937	-29.666	60.891	-22.079	9.146	197.313
327289.0	5426799.7	2680	2720	-0.045	5060.045	980241.337	-42.902	82.946	-30.077	9.968	268.782
327400.6	5426783.6	2680	2740	-0.048	5065.422	980246.714	-37.540	75.052	-27.214	10.298	243.203
327584.0	5426793.3	2680	2760	-0.051	5068.725	980250.017	-34.232	70.223	-25.463	10.527	227.552
327801.0	5426780.4	2680	2780	-0.058	5063.948	980245.240	-39.024	77.272	-28.019	10.229	250.395
327997.7	5426799.6	2680	2800	-0.061	5061.300	980242.592	-41.660	80.569	-29.215	9.694	261.078
328204.1	5426804.6	2680	2820	-0.064	5068.374	980249.666	-34.586	70.241	-25.470	10.186	227.613
328400.1	5426828.0	2680	2840	-0.067	5070.871	980252.163	-32.074	66.634	-24.162	10.398	215.922
328603.8	5426802.5	2680	2860	-0.070	5071.983	980253.275	-30.987	64.705	-23.462	10.256	209.674
328796.0	5426800.1	2680	2880	-0.073	5071.800	980253.092	-31.175	64.590	-23.421	9.994	209.301
328996.0	5426796.7	2680	2900	-0.075	5071.950	980253.242	-31.032	64.198	-23.278	9.888	208.030

329201.5	5426796.9	2680	2920	-0.077	5070.786	980252.078	-32.199	66.198	-24.004	9.995	214.510
329399.1	5426800.0	2680	2940	-0.080	5069.962	980251.254	-33.025	67.136	-24.344	9.767	217.550
329585.9	5426798.6	2680	2960	-0.082	5061.710	980243.002	-41.281	77.522	-28.110	8.131	251.206
327199.4	5427599.6	2760	2720	-0.036	5063.824	980245.116	-38.475	78.814	-28.578	11.761	255.393
D81											
322642.4	5430004.5	0	301	+0.000	3818.723	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	3818.723	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.105	3818.723	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.002	3818.828	980246.563	-34.998	78.517	-28.471	15.049	254.429
322397.5	5430799.1	3080	2240	-0.102	3825.289	980253.129	-27.785	68.849	-24.965	16.099	223.100
317202.8	5435601.7	3560	1720	-0.056	3840.062	980267.902	-9.032	49.424	-17.921	22.471	160.154
317605.4	5435601.4	3560	1760	-0.054	3840.413	980268.253	-8.689	48.801	-17.696	22.416	158.138
318000.5	5435599.4	3560	1800	-0.051	3840.443	980268.283	-8.669	48.888	-17.727	22.492	158.419
318410.9	5435611.8	3560	1840	-0.048	3841.448	980269.288	-7.662	46.320	-16.796	21.862	150.096
318796.0	5435596.7	3560	1880	-0.045	3840.436	980268.276	-8.694	47.191	-17.112	21.386	152.921
319205.2	5435605.2	3560	1920	-0.042	3840.214	980268.054	-8.917	47.280	-17.144	21.219	153.209
319604.8	5435608.5	3560	1960	-0.038	3839.586	980267.426	-9.551	47.495	-17.222	20.723	153.905
320002.2	5435598.2	3560	2000	-0.036	3838.592	980266.432	-10.561	48.468	-17.575	20.333	157.059
320410.0	5435601.6	3560	2040	-0.033	3837.514	980265.354	-11.645	49.599	-17.985	19.970	160.723
320802.6	5435604.6	3560	2080	-0.031	3833.333	980261.173	-15.831	55.004	-19.945	19.229	178.237
321201.8	5435603.3	3560	2120	-0.029	3831.478	980259.318	-17.695	57.552	-20.869	18.989	186.494
321626.6	5435620.2	3560	2160	-0.025	3832.974	980260.814	-16.193	55.710	-20.201	19.316	180.525
321959.1	5435571.7	3560	2200	-0.020	3829.200	980257.040	-20.013	61.096	-22.154	18.929	197.979
317196.0	5435994.3	3600	1720	-0.059	3840.724	980268.564	-8.053	48.717	-17.665	22.999	157.863
317197.8	5436398.4	3640	1720	-0.063	3842.849	980270.689	-5.602	45.311	-16.430	23.280	146.829
317584.8	5436391.9	3640	1760	-0.066	3842.614	980270.454	-5.850	44.977	-16.309	22.818	145.745
317999.4	5436409.0	3640	1800	-0.069	3841.265	980269.105	-7.193	46.055	-16.700	22.162	149.238
318401.2	5436398.3	3640	1840	-0.071	3840.746	980268.586	-7.729	46.179	-16.745	21.705	149.641
318785.0	5436409.6	3640	1880	-0.077	3838.710	980266.550	-9.764	48.562	-17.609	21.190	157.363
319192.5	5436438.9	3640	1920	-0.080	3839.377	980267.217	-9.081	47.171	-17.104	20.985	152.855
319597.6	5436405.5	3640	1960	-0.083	3838.494	980266.334	-9.996	47.732	-17.308	20.428	154.672
320001.7	5436399.4	3640	2000	-0.085	3837.702	980265.542	-10.804	48.847	-17.712	20.331	158.286
320377.9	5436415.1	3640	2040	-0.087	3837.121	980264.961	-11.380	49.405	-17.915	20.111	160.095
320779.3	5436412.3	3640	2080	-0.089	3835.127	980262.967	-13.384	51.694	-18.744	19.565	167.511
321217.2	5436400.2	3640	2120	-0.092	3831.043	980258.883	-17.487	58.108	-21.070	19.551	188.294
D82											
322642.4	5430004.5	0	301	+0.000	5066.188	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5066.188	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.161	5066.189	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.001	5066.350	980246.563	-34.998	78.517	-28.471	15.049	254.429
322802.2	5421998.3	2200	2280	-0.075	5080.182	980260.556	-27.473	67.179	-24.359	15.347	217.690
323193.4	5421995.4	2200	2320	-0.066	5077.421	980257.795	-30.244	69.865	-25.333	14.288	226.393
323600.4	5421996.8	2200	2360	-0.063	5074.668	980255.042	-33.004	72.035	-26.120	12.911	233.426
323998.0	5421995.9	2200	2400	-0.050	5080.280	980260.654	-27.400	61.307	-22.230	11.677	198.663
324395.8	5421988.9	2200	2440	-0.041	5072.142	980252.516	-35.552	73.286	-26.574	11.161	237.480
324812.4	5421993.8	2200	2480	-0.037	5066.315	980246.689	-41.383	81.828	-29.671	10.774	265.160
325201.0	5421999.0	2200	2520	-0.035	5063.069	980243.443	-44.632	86.334	-31.305	10.396	279.760
325610.6	5421996.4	2200	2560	-0.029	5060.970	980241.344	-46.741	88.789	-32.195	9.853	287.716
325988.6	5422003.4	2200	2600	-0.025	5064.147	980244.521	-43.566	83.715	-30.356	9.794	271.275
326403.3	5421998.7	2200	2640	-0.022	5065.701	980246.075	-42.024	82.411	-29.882	10.505	267.047
322800.4	5422404.1	2240	2280	-0.079	5078.696	980259.070	-28.631	68.385	-24.797	14.957	221.597
325987.4	5422403.2	2240	2600	-0.129	5067.839	980248.213	-39.551	79.203	-28.719	10.933	256.653
322798.2	5422797.6	2280	2280	-0.084	5079.235	980259.609	-27.774	66.707	-24.188	14.745	216.161
323196.2	5422824.8	2280	2320	-0.096	5076.328	980256.702	-30.667	69.795	-25.308	13.820	226.167
323600.0	5422800.1	2280	2360	-0.100	5071.883	980252.257	-35.140	75.392	-27.337	12.914	244.302
323995.9	5422797.9	2280	2400	-0.104	5069.537	980249.911	-37.496	78.716	-28.543	12.678	255.075
324397.5	5422798.0	2280	2440	-0.107	5065.758	980246.132	-41.282	83.045	-30.113	11.651	269.103
324797.5	5422795.9	2280	2480	-0.112	5073.011	980253.385	-34.039	71.541	-25.941	11.561	231.825
325190.4	5422803.2	2280	2520	-0.116	5068.341	980248.715	-38.710	77.216	-27.999	10.507	250.213
325590.3	5422804.0	2280	2560	-0.122	5069.169	980249.543	-37.890	76.715	-27.817	11.008	248.591
325994.8	5422797.3	2280	2600	-0.126	5069.352	980249.726	-37.720	76.911	-27.888	11.302	249.224
326429.6	5422793.9	2280	2640	-0.137	5059.476	980239.850	-47.607	90.391	-32.776	10.008	292.908
325405.9	5423600.7	2360	2540	-0.143	5065.670	980246.044	-40.742	81.635	-29.601	11.292	264.532
325388.2	5423804.6	2380	2540	-0.011	5067.332	980247.706	-38.915	79.175	-28.709	11.552	256.563
D82											
322642.4	5430004.5	0	301	+0.000	3818.947	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	3818.947	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.099	3818.948	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	3819.047	980246.563	-34.998	78.517	-28.471	15.049	254.429
321959.3	5435571.7	3560	2200	-0.007	3829.453	980257.068	-19.985	61.103	-22.156	18.962	198.000
321217.4	5436400.4	3640	2120	-0.097	3831.267	980258.882	-17.488	58.107	-21.070	19.549	188.291
321583.9	5436404.8	3640	2160	-0.013	3831.590	980259.205	-17.168	57.350	-20.795	19.386	185.839
321970.2	5436411.7	3640	2200	-0.016	3834.593	980262.208	-14.167	52.886	-19.177	19.542	171.375
321588.9	5436764.3	3680	2160	-0.020	3834.875	980262.490	-13.593	52.984	-19.212	20.178	171.690
317180.8	5437229.8	3720	1720	-0.047	3841.950	980269.565	-6.054	45.647	-16.552	23.041	147.915
317637.6	5437233.7	3720	1760	-0.044	3841.984	980269.599	-6.027	44.464	-16.123	22.315	144.083
318003.8	5437214.1	3720	1800	-0.041	3840.198	980267.813	-7.836	46.671	-16.923	21.912	151.234
318398.1	5437197.8	3720	1840	-0.039	3839.771	980267.386	-8.284	47.183	-17.109	21.790	152.894
318792.1	5437199.7	3720	1880	-0.037	3837.975	980265.590	-10.086	49.610	-17.989	21.535	160.757
319205.3	5437185.0	3720	1920	-0.034	3837.188	980264.803	-10.893	50.322	-18.247	21.182	163.067
319591.9	5437170.1	3720	1960	-0.033	3835.180	980262.795	-12.921	52.934	-19.194	20.819	171.531
320007.3	5437201.8	3720	2000	-0.031	3836.352	980263.967	-11.732	50.922	-18.464	20.726	165.009
320412.0	5437169.9	3720	2040	-0.028	3835.395	980263.010	-12.723	52.162	-18.914	20.525	169.028
320818.1	5437217.7	3720	2080	-0.025	3833.791	980261.406	-14.296	54.195	-19.651	20.248	175.617
321182.8	5437184.9	3720	2120	-0.023	3834.727	980262.342	-13.394	53.250	-19.309	20.548	172.553

317996.9	5438008.5	3800	1800	-0.065	3836.311	980263.926	-11.082	51.611	-18.714	21.815	167.243
318400.9	5437999.8	3800	1840	-0.063	3836.385	980264.000	-11.023	51.258	-18.587	21.650	166.100
318812.3	5438024.8	3800	1880	-0.057	3835.993	980263.608	-11.403	51.140	-18.544	21.194	165.717
319106.6	5438019.2	3800	1920	-0.059	3838.793	980266.408	-8.613	47.016	-17.048	21.355	152.353
317196.6	5438802.8	3880	1720	-0.077	3836.255	980263.870	-10.480	52.049	-18.873	22.696	168.663
317599.7	5438800.9	3880	1760	-0.075	3835.913	980263.528	-10.832	52.349	-18.982	22.535	169.633
318005.6	5438798.7	3880	1800	-0.073	3835.853	980263.468	-10.902	51.653	-18.729	22.021	167.377
317212.7	5439194.4	3920	1720	-0.079	3836.649	980264.264	-9.771	50.925	-18.466	22.689	165.021
317200.5	5439598.4	3960	1720	-0.082	3835.775	980263.390	-10.318	52.160	-18.913	22.928	169.021
317609.2	5439613.7	3960	1760	-0.087	3837.102	980264.717	-8.987	49.947	-18.111	22.849	161.850
318000.0	5439599.4	3960	1800	-0.089	3835.862	980263.477	-10.247	51.476	-18.665	22.564	166.805
D83											
322642.4	5430004.5	0	301	+0.000	5067.092	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	5067.092	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.118	5067.092	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.004	5067.210	980246.563	-34.998	78.517	-28.471	15.049	254.429
326803.4	5422019.0	2200	2680	-0.079	5068.018	980247.489	-40.601	80.718	-29.269	10.848	261.561
327186.6	5422039.2	2200	2720	-0.074	5068.970	980248.441	-39.640	79.287	-28.750	10.897	256.925
327730.2	5422002.8	2200	2760	-0.060	5060.470	980239.941	-48.180	91.650	-33.233	10.238	296.987
328002.8	5421990.6	2200	2800	-0.056	5056.563	980236.034	-52.102	98.479	-35.709	10.668	319.116
328401.4	5421999.1	2200	2840	-0.051	5062.779	980242.250	-45.887	87.252	-31.638	9.727	282.735
328791.0	5421997.0	2200	2880	-0.046	5059.895	980239.366	-48.780	90.699	-32.888	9.031	293.904
329208.9	5421994.6	2200	2920	-0.038	5072.888	980252.359	-35.797	69.908	-25.349	8.762	226.532
329596.4	5421997.7	2200	2960	-0.030	5074.918	980242.389	-33.772	66.466	-24.101	8.593	215.378
326429.5	5422793.8	2280	2640	-0.109	5060.390	980239.861	-47.596	90.415	-32.785	10.034	292.984
326818.7	5422827.4	2280	2680	-0.097	5071.809	980251.280	-36.157	74.565	-27.038	11.370	241.625
327194.2	5422810.2	2280	2720	-0.092	5070.993	980250.464	-36.995	75.221	-27.275	10.951	243.748
324001.9	5427199.3	2720	2400	-0.004	5066.817	980246.288	-37.564	80.398	-29.153	13.681	260.524
D83											
322642.4	5430004.5	0	301	+0.000	3819.177	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.000	3819.177	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.109	3819.177	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.005	3819.286	980246.563	-34.998	78.517	-28.471	15.049	254.429
327602.3	5422842.8	2280	2760	-0.085	3814.880	980242.266	-45.174	86.538	-31.379	9.985	280.420
328000.8	5422802.1	2280	2800	-0.080	3809.407	980236.793	-50.688	93.870	-34.038	9.145	304.180
328401.9	5422796.6	2280	2840	-0.078	3816.653	980244.039	-43.454	82.867	-30.048	9.366	268.526
328800.2	5422799.8	2280	2880	-0.076	3817.017	980244.403	-43.095	82.301	-29.843	9.363	266.690
329201.8	5422799.6	2280	2920	-0.074	3813.939	980241.325	-46.181	86.111	-31.224	8.706	279.038
329588.5	5422808.6	2280	2960	-0.071	3811.629	980239.015	-48.491	89.275	-32.371	8.413	289.290
329595.3	5423204.0	2320	2960	-0.067	3813.457	980240.843	-46.343	85.787	-31.107	8.337	277.987
324997.0	5423400.1	2340	2500	-0.015	3823.915	980251.301	-35.639	74.840	-27.137	12.064	242.516
326796.2	5423595.5	2360	2680	-0.028	3825.556	980252.942	-33.875	71.744	-26.015	11.854	232.481
327187.9	5423600.6	2360	2720	-0.030	3827.145	980254.531	-32.289	68.193	-24.727	11.177	220.976
327600.7	5423587.0	2360	2760	-0.045	3809.537	980236.923	-49.916	91.933	-33.335	8.681	297.902
328000.0	5423584.5	2360	2800	-0.050	3823.788	980251.174	-35.675	72.063	-26.130	10.258	233.516
328382.4	5423604.2	2360	2840	-0.054	3826.029	980253.415	-33.425	68.131	-24.705	10.002	220.776
328799.4	5423594.7	2360	2880	-0.057	3826.132	980253.518	-33.338	67.252	-24.386	9.529	217.927
329197.9	5423603.3	2360	2920	-0.060	3819.919	980247.305	-39.551	75.327	-27.314	8.462	244.094
329610.0	5423583.6	2360	2960	-0.063	3821.067	980248.453	-38.427	72.710	-26.365	7.918	235.612
325193.1	5425595.1	2560	2520	-0.105	3821.754	980249.140	-36.031	76.291	-27.663	12.596	247.215
D84											
322642.4	5430004.5	0	301	+0.000	5068.043	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.001	5068.043	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.254	5068.042	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.003	5068.296	980246.563	-34.998	78.517	-28.471	15.049	254.429
322797.3	5429801.0	2980	2280	-0.033	5067.225	980245.746	-35.982	79.855	-28.956	14.918	258.767
322999.1	5429802.6	2980	2300	-0.037	5067.876	980246.397	-35.334	78.734	-28.549	14.851	255.132
323201.4	5429800.7	2980	2320	-0.044	5069.968	980248.489	-33.247	75.729	-27.460	15.022	245.394
323386.8	5429805.9	2980	2340	-0.051	5077.543	980256.064	-25.672	64.282	-23.309	15.301	208.301
323633.4	5429768.5	2980	2360	-0.061	5080.615	980259.136	-22.635	60.221	-21.836	15.750	195.142
323789.5	5429822.6	2980	2380	-0.073	5080.132	980258.653	-23.077	60.799	-22.046	15.676	197.015
324004.4	5429799.7	2980	2400	-0.080	5080.496	980259.017	-22.736	59.890	-21.716	15.438	194.069
324197.1	5429803.0	2980	2420	-0.085	5078.500	980257.021	-24.733	63.348	-22.970	15.645	205.274
324405.3	5429800.7	2980	2440	-0.095	5075.251	980253.772	-27.988	67.977	-24.649	15.340	220.275
324526.4	5429797.0	2980	2460	-0.102	5078.687	980257.208	-24.557	62.694	-22.733	15.403	203.155
322600.1	5430000.0	3000	2260	-0.028	5068.385	980246.906	-34.658	77.989	-28.279	15.052	252.718
323006.7	5430198.2	3020	2300	-0.243	5069.664	980248.185	-33.227	75.797	-27.484	15.086	245.615
323194.4	5430197.7	3020	2320	-0.236	5076.712	980255.233	-26.183	65.602	-23.788	15.632	212.580
323386.3	5430209.6	3020	2340	-0.225	5080.942	980259.463	-21.947	59.483	-21.569	15.967	192.751
323614.3	5430194.2	3020	2360	-0.190	5082.569	980261.090	-20.337	56.948	-20.650	15.962	184.538
323789.1	5430201.1	3020	2380	-0.177	5070.150	980248.671	-32.754	73.941	-26.811	14.376	239.600
323989.4	5430212.0	3020	2400	-0.165	5076.328	980254.849	-26.571	65.289	-23.674	15.044	211.565
324201.9	5430175.4	3020	2420	-0.141	5080.916	980259.437	-22.016	59.471	-21.564	15.890	192.712
324388.9	5430200.4	3020	2440	-0.126	5075.116	980253.637	-27.800	67.590	-24.508	15.282	219.022
D84											
322642.4	5430004.5	0	301	+0.000	3819.435	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.003	3819.435	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.069	3819.432	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.003	3819.501	980246.563	-34.998	78.517	-28.471	15.049	254.429
322602.5	5428999.3	2900	2260	-0.062	3807.280	980234.411	-47.961	96.059	-34.831	13.267	311.274
322809.1	5429009.4	2900	2280	-0.060	3814.914	980242.045	-40.322	85.213	-30.899	13.992	276.129
322997.4	5428997.7	2900	2300	-0.059	3814.087	980241.218	-41.163	86.286	-31.288	13.835	279.604
323205.9	5429000.3	2900	2320	-0.057	3815.587	980242.718	-39.665	84.092	-30.492	13.936	272.496
323403.9	5429002.0	2900	2340	-0.054	3820.012	980247.143	-35.242	77.615	-28.143	14.229	251.506
323602.2	5429012.2	2900	2360	-0.052	3826.145	980253.276	-29.105	69.146	-25.072	14.968	224.062

323799.0	5429005.4	2900	2380	-0.050	3827.036	980254.167	-28.223	68.485	-24.833	15.429	221.921
324004.1	5429011.1	2900	2400	-0.048	3825.502	980252.633	-29.757	71.170	-25.806	15.607	230.621
324196.3	5428997.4	2900	2420	-0.046	3824.193	980251.324	-31.080	72.782	-26.391	15.311	235.846
324403.4	5429007.7	2900	2440	-0.044	3830.593	980257.724	-24.676	63.286	-22.948	15.662	205.075
324596.1	5429003.7	2900	2460	-0.042	3829.471	980256.602	-25.805	64.878	-23.525	15.548	210.234
324800.0	5429003.7	2900	2480	-0.040	3829.250	980256.381	-26.030	64.480	-23.381	15.069	208.943
322603.5	5429402.2	2940	2260	-0.010	3816.502	980243.633	-38.413	82.909	-30.063	14.433	268.662
322799.0	5429394.2	2940	2280	-0.011	3816.922	980244.053	-38.003	82.330	-29.853	14.474	266.787
323002.3	5429399.5	2940	2300	-0.013	3817.186	980244.317	-37.739	82.102	-29.771	14.592	266.048
323202.6	5429401.4	2940	2320	-0.014	3819.734	980246.865	-35.194	78.487	-28.460	14.834	254.333
323404.7	5429400.0	2940	2340	-0.015	3818.888	980246.019	-36.045	79.561	-28.849	14.667	257.813
323606.9	5429393.9	2940	2360	-0.021	3828.216	980255.347	-26.726	66.497	-24.112	15.659	215.478
323800.6	5429401.8	2940	2380	-0.024	3821.591	980248.722	-33.348	76.853	-27.867	15.637	249.036
323998.0	5429397.6	2940	2400	-0.026	3825.567	980252.698	-29.379	69.748	-25.291	15.078	226.015
324213.1	5429371.4	2940	2420	-0.031	3832.236	980259.367	-22.736	60.023	-21.764	15.523	194.500
324403.1	5429395.6	2940	2440	-0.032	3831.960	980259.091	-22.996	60.677	-22.002	15.680	196.621
324593.4	5429402.6	2940	2460	-0.035	3831.638	980258.769	-23.316	60.868	-22.071	15.481	197.239
324801.2	5429391.0	2940	2480	-0.038	3831.108	980258.239	-23.859	61.291	-22.224	15.207	198.610
322596.7	5429602.9	2960	2260	-0.008	3818.159	980245.290	-36.594	80.670	-29.251	14.825	261.406

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322642.4	5430004.5	0	301	+0.000	5069.201	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.001	5069.201	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.238	5069.200	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	+0.005	5069.438	980246.563	-34.998	78.517	-28.471	15.049	254.429
322198.1	5429700.0	2970	2220	-0.231	5069.412	980246.775	-35.023	78.905	-28.611	15.271	255.688
322300.0	5429694.8	2970	2230	-0.228	5069.055	980246.418	-35.386	79.385	-28.785	15.214	257.243
322403.4	5429698.5	2970	2240	-0.226	5068.715	980246.078	-35.725	79.714	-28.904	15.084	258.307
322500.6	5429697.5	2970	2250	-0.224	5068.409	980245.772	-36.034	80.020	-29.016	14.971	259.301
322604.3	5429703.8	2970	2260	-0.222	5068.432	980245.795	-36.008	79.886	-28.967	14.911	258.865
322700.3	5429697.7	2970	2270	-0.218	5068.074	980245.437	-36.373	80.255	-29.101	14.781	260.060
322797.1	5429698.3	2970	2280	-0.214	5068.400	980245.763	-36.048	79.803	-28.937	14.818	258.598
322200.3	5429797.5	2980	2220	-0.019	5069.650	980247.013	-34.706	78.506	-28.467	15.334	254.395
322399.4	5429798.5	2980	2240	-0.017	5069.086	980246.449	-35.274	79.045	-28.662	15.109	256.140
322596.2	5429794.9	2980	2260	-0.014	5068.668	980246.031	-35.698	79.319	-28.761	14.859	257.028
322797.3	5429801.0	2980	2280	-0.012	5068.351	980245.714	-36.014	79.856	-28.956	14.886	258.769
322600.1	5429999.9	3000	2260	-0.237	5069.524	980246.887	-34.677	77.983	-28.277	15.029	252.700
322198.9	5430201.3	3020	2220	-0.023	5070.580	980247.943	-33.450	76.698	-27.811	15.437	248.535
322402.1	5430203.0	3020	2240	-0.025	5071.906	980249.269	-32.127	74.352	-26.960	15.265	240.932
322601.0	5430202.1	3020	2260	-0.027	5069.642	980247.005	-34.396	77.541	-28.117	15.029	251.268
322799.7	5430197.7	3020	2280	-0.030	5069.352	980246.715	-34.693	78.105	-28.321	15.091	253.094
324227.5	5430391.4	3040	2420	-0.179	5074.991	980252.354	-28.925	68.875	-24.974	14.975	223.184
324396.0	5430392.6	3040	2440	-0.183	5076.767	980254.130	-27.152	66.660	-24.171	15.337	216.008
322197.9	5430598.9	3060	2220	-0.037	5072.949	980250.312	-30.760	73.095	-26.504	15.830	236.859
322398.6	5430590.0	3060	2240	-0.043	5073.640	980251.003	-30.080	71.736	-26.012	15.644	232.456
322600.4	5430605.1	3060	2260	-0.045	5072.198	980249.561	-31.514	74.110	-26.873	15.723	240.149
322802.0	5430594.2	3060	2280	-0.047	5071.710	980249.073	-32.015	74.458	-26.999	15.445	241.278
322994.3	5430603.1	3060	2300	-0.052	5081.931	980259.294	-21.790	59.106	-21.432	15.883	191.529
323181.6	5430604.8	3060	2320	-0.055	5084.022	980261.385	-19.702	56.591	-20.520	16.369	183.379
323619.6	5430593.9	3060	2360	-0.161	5078.973	980256.336	-24.768	63.890	-23.167	15.955	207.032
323793.1	5430588.8	3060	2380	-0.157	5076.889	980254.252	-26.860	66.210	-24.008	15.342	214.549
323999.5	5430600.9	3060	2400	-0.148	5085.659	980263.022	-18.084	53.828	-19.518	16.226	174.428
324213.0	5430594.3	3060	2420	-0.195	5080.890	980258.253	-22.862	59.913	-21.725	15.326	194.144
324393.7	5430585.6	3060	2440	-0.190	5077.504	980254.867	-26.259	64.991	-23.566	15.166	210.600
322198.3	5430997.8	3100	2220	-0.088	5077.693	980255.056	-25.694	65.774	-23.850	16.230	213.137
322400.5	5431000.4	3100	2240	-0.085	5076.561	980253.924	-26.828	67.211	-24.371	16.012	217.794
322616.3	5431005.7	3100	2260	-0.076	5083.042	980260.405	-20.347	58.086	-21.062	16.677	188.223
322797.8	5430989.2	3100	2280	-0.073	5083.537	980260.900	-19.869	57.559	-20.871	16.819	186.517
322996.5	5430991.4	3100	2300	-0.068	5085.826	980263.189	-17.582	54.250	-19.671	16.997	175.794
323134.2	5431025.1	3100	2320	-0.065	5085.682	980263.045	-17.701	54.336	-19.702	16.932	176.072
323391.3	5431014.6	3100	2340	-0.128	5080.569	980257.932	-22.828	61.281	-22.221	16.233	198.579
323596.5	5430999.3	3100	2360	-0.133	5076.996	980254.359	-26.418	66.900	-24.258	16.224	216.786

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322642.4	5430004.5	0	301	+0.000	5070.154	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.002	5070.154	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.166	5070.156	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	5070.322	980246.563	-34.998	78.517	-28.471	15.049	254.429
322796.9	5429698.6	2970	2280	-0.013	5069.335	980245.742	-36.069	79.771	-28.925	14.777	258.493
322899.9	5429697.7	2970	2290	-0.015	5068.870	980245.277	-36.537	80.528	-29.200	14.792	260.947
323001.7	5429693.0	2970	2300	-0.019	5070.022	980246.429	-35.390	78.776	-28.565	14.821	255.270
323098.1	5429702.3	2970	2310	-0.020	5070.248	980246.655	-35.159	78.642	-28.516	14.967	254.835
323200.8	5429699.1	2970	2320	-0.021	5070.534	980246.941	-34.877	78.203	-28.357	14.969	253.412
323297.5	5429698.8	2970	2330	-0.022	5072.207	980248.614	-33.206	75.295	-27.302	14.786	243.988
323400.9	5429699.8	2970	2340	-0.025	5078.726	980255.133	-26.689	65.787	-23.855	15.244	213.180
323491.7	5429727.2	2970	2350	-0.035	5081.352	980257.759	-24.042	62.208	-22.557	15.609	201.580
323597.5	5429698.7	2970	2360	-0.036	5081.893	980258.300	-23.527	61.502	-22.301	15.675	199.295
323711.4	5429699.4	2970	2370	-0.039	5082.207	980258.614	-23.214	61.131	-22.166	15.751	198.092
323797.5	5429695.2	2970	2380	-0.041	5081.307	980257.714	-24.119	62.385	-22.621	15.645	202.154
323895.5	5429698.6	2970	2390	-0.043	5077.976	980254.383	-27.449	66.916	-24.264	15.202	216.836
323997.4	5429748.0	2970	2400	-0.046	5083.058	980259.465	-22.329	59.339	-21.516	15.493	192.283
324098.3	5429699.2	2970	2410	-0.048	5082.022	980258.429	-23.407	60.649	-21.992	15.251	196.529
324206.0	5429699.7	2970	2420	-0.050	5081.152	980257.559	-24.278	62.781	-22.765	15.738	203.439
324290.0	5429700.3	2970	2430	-0.053	5081.521	980257.928	-23.911	62.382	-22.620	15.851	202.146
322199.9	5429900.5	2990	2220	-0.120	5070.760	980247.167	-34.469	78.181	-28.349	15.363	253.340
322299.1	5429897.7	2990	2230	-0.119	5070.586	980246.993	-34.647	78.372	-28.418	15.306	253.959
322401.4	5429898.3	2990	2240	-0.118	5070.441	980246.848	-34.794	78.368	-28.417	15.158	253.948

322508.3	5429903.2	2990	2250	-0.116	5070.572	980246.979	-34.661	78.110	-28.323	15.126	253.110
322600.6	5429900.7	2990	2260	-0.115	5070.052	980246.459	-35.185	78.655	-28.521	14.949	254.876
322695.1	5429897.1	2990	2270	-0.114	5070.543	980246.950	-34.699	77.904	-28.248	14.957	252.443
322804.9	5429895.8	2990	2280	-0.112	5069.429	980245.836	-35.816	79.600	-28.863	14.921	257.938
322901.7	5429901.4	2990	2290	-0.111	5069.247	980245.654	-35.995	79.739	-28.914	14.831	258.391
323002.6	5429899.3	2990	2300	-0.110	5070.165	980246.572	-35.081	78.297	-28.391	14.826	253.718
323098.2	5429896.8	2990	2310	-0.108	5070.982	980247.389	-34.268	77.080	-27.950	14.863	249.773
323200.3	5429891.6	2990	2320	-0.104	5076.920	980253.327	-28.336	68.369	-24.791	15.242	221.545
323299.8	5429900.1	2990	2330	-0.101	5076.429	980252.836	-28.822	69.549	-25.219	15.508	225.368
323397.6	5429899.8	2990	2340	-0.099	5080.929	980257.336	-24.324	62.705	-22.737	15.644	203.191
323484.7	5429942.2	2990	2350	-0.093	5082.822	980259.229	-22.399	59.984	-21.750	15.835	194.373
323603.3	5429870.8	2990	2360	-0.086	5082.106	980258.513	-23.175	61.238	-22.205	15.858	198.438
323704.7	5429908.2	2990	2370	-0.079	5084.221	980260.628	-21.032	58.126	-21.077	16.018	188.354
323790.5	5429905.5	2990	2380	-0.077	5083.495	980259.902	-21.761	59.002	-21.394	15.847	191.193
323846.0	5429895.5	2990	2390	-0.070	5083.407	980259.814	-21.858	58.923	-21.366	15.699	190.936
324006.9	5429893.2	2990	2400	-0.066	5080.004	980256.411	-25.266	63.615	-23.067	15.282	206.142
324097.7	5429893.6	2990	2410	-0.062	5079.337	980255.744	-25.935	64.390	-23.348	15.107	208.651
324205.8	5429896.7	2990	2420	-0.058	5081.030	980257.437	-24.241	62.666	-22.723	15.701	203.064
324306.4	5429897.6	2990	2430	-0.056	5081.240	980257.647	-24.033	62.409	-22.630	15.746	202.232
322200.0	5430099.0	3010	2220	-0.122	5071.339	980247.746	-33.730	77.143	-27.972	15.441	249.977
322302.9	5430100.4	3010	2230	-0.124	5071.451	980247.858	-33.619	76.738	-27.825	15.294	248.664
322398.8	5430097.8	3010	2240	-0.125	5071.366	980247.773	-33.708	76.828	-27.858	15.262	248.955
322500.5	5430104.6	3010	2250	-0.126	5072.118	980248.525	-32.952	75.448	-27.358	15.138	244.485
322599.3	5430098.8	3010	2260	-0.127	5070.366	980246.773	-34.711	78.078	-28.312	15.056	253.008
322698.7	5430099.9	3010	2270	-0.129	5070.255	980246.662	-34.823	78.149	-28.337	14.989	253.236
322799.5	5430100.2	3010	2280	-0.130	5069.934	980246.341	-35.146	78.675	-28.528	15.002	254.943
322896.2	5430102.9	3010	2290	-0.144	5069.922	980246.329	-35.157	78.494	-28.462	14.874	254.354
322997.5	5430102.0	3010	2300	-0.145	5071.632	980248.039	-33.450	75.915	-27.527	14.938	245.999
322800.0	5430197.7	3020	2280	-0.164	5070.336	980246.743	-34.665	78.067	-28.308	15.095	252.973
322899.0	5430299.4	3030	2290	-0.155	5070.525	980246.932	-34.396	77.510	-28.105	15.009	251.166
322990.1	5430299.2	3030	2300	-0.153	5072.472	980248.879	-32.451	74.609	-27.054	15.105	241.767
323094.0	5430297.7	3030	2310	-0.148	5073.664	980250.071	-31.262	72.523	-26.297	14.964	235.008

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322642.4	5430004.5	0	301	+0.000	3819.907	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	3819.907	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.071	3819.908	980246.563	-34.998	78.517	-28.471	15.049	254.429
322642.4	5430004.5	0	301	-0.001	3819.979	980246.563	-34.998	78.517	-28.471	15.049	254.429
323099.8	5429097.9	2910	2310	-0.006	3816.487	980243.142	-39.160	83.724	-30.359	14.206	271.302
323200.7	5429102.0	2910	2320	-0.007	3818.026	980244.681	-37.619	81.459	-29.537	14.302	263.963
323298.2	5429101.2	2910	2330	-0.008	3819.631	980246.286	-36.017	79.274	-28.745	14.512	256.882
323398.5	5429100.5	2910	2340	-0.009	3821.121	980247.776	-34.530	76.906	-27.886	14.490	249.209
323498.6	5429102.8	2910	2350	-0.010	3825.698	980252.353	-29.953	70.183	-25.449	14.782	227.424
323595.1	5429101.1	2910	2360	-0.012	3827.681	980254.336	-27.973	67.590	-24.508	15.109	219.022
323701.2	5429099.4	2910	2370	-0.013	3828.251	980254.906	-27.406	67.040	-24.309	15.324	217.238
323800.1	5429100.4	2910	2380	-0.014	3826.297	980252.952	-29.361	70.123	-25.427	15.335	227.231
323900.6	5429099.0	2910	2390	-0.015	3826.054	980252.709	-29.608	70.987	-25.740	15.640	230.030
324001.0	5429100.6	2910	2400	-0.015	3827.198	980253.853	-28.464	69.180	-25.085	15.631	224.175
324091.2	5429100.8	2910	2410	-0.017	3830.043	980256.698	-25.621	64.728	-23.471	15.636	209.746
324202.2	5429100.7	2910	2420	-0.018	3825.325	980251.980	-30.341	71.078	-25.773	14.964	230.323
324300.5	5429097.8	2910	2430	-0.019	3829.441	980256.096	-26.229	65.731	-23.834	15.667	212.996
324395.4	5429099.5	2910	2440	-0.020	3831.041	980257.696	-24.630	63.203	-22.918	15.656	204.806
324502.8	5429101.9	2910	2450	-0.021	3831.340	980257.995	-24.331	62.642	-22.714	15.597	202.988
324599.6	5429096.8	2910	2460	-0.021	3829.872	980256.527	-25.805	64.739	-23.475	15.460	209.784
324699.7	5429104.1	2910	2470	-0.022	3829.941	980256.596	-25.732	64.397	-23.351	15.314	208.674
324799.2	5429100.5	2910	2480	-0.023	3829.819	980256.474	-25.859	64.157	-23.264	15.035	207.897
323550.7	5429313.3	2930	2355	-0.039	3829.691	980256.346	-25.791	64.796	-23.495	15.510	209.967
323603.3	5429304.8	2930	2360	-0.039	3829.461	980256.116	-26.029	65.429	-23.725	15.676	212.020
323704.7	5429300.9	2930	2370	-0.038	3826.240	980252.895	-29.255	70.450	-25.546	15.650	228.290
323800.3	5429299.1	2930	2380	-0.037	3822.633	980249.288	-32.865	75.833	-27.497	15.471	245.732
323905.0	5429307.4	2930	2390	-0.037	3820.649	980247.304	-34.845	78.583	-28.495	15.244	254.645
323996.5	5429308.2	2930	2400	-0.036	3824.173	980250.828	-31.322	73.051	-26.489	15.241	236.718
324111.1	5429289.0	2930	2410	-0.034	3831.568	980258.223	-23.944	61.822	-22.417	15.461	200.331
324209.7	5429306.8	2930	2420	-0.031	3832.214	980258.869	-23.286	60.556	-21.958	15.312	196.228
324308.2	5429293.2	2930	2430	-0.030	3831.620	980258.275	-23.893	62.157	-22.539	15.726	201.417
324404.1	5429298.4	2930	2440	-0.028	3831.560	980258.215	-23.950	62.131	-22.529	15.652	201.333
324497.0	5429293.5	2930	2450	-0.027	3831.892	980258.547	-23.624	61.587	-22.332	15.631	199.568
324599.6	5429302.6	2930	2460	-0.027	3832.185	980258.840	-23.326	61.027	-22.129	15.572	197.754
324701.2	5429295.4	2930	2470	-0.026	3831.083	980257.738	-24.435	62.317	-22.596	15.285	201.933
324799.1	5429302.2	2930	2480	-0.025	3831.056	980257.711	-24.459	62.170	-22.543	15.168	201.457
323550.0	5429500.6	2950	2355	-0.041	3829.975	980256.630	-25.356	64.028	-23.217	15.456	207.479
323601.1	5429505.3	2950	2360	-0.041	3827.696	980254.351	-27.632	67.915	-24.626	15.657	220.074
323689.7	5429490.7	2950	2370	-0.042	3825.299	980251.954	-30.042	71.821	-26.043	15.736	232.733
323796.9	5429503.4	2950	2380	-0.043	3826.437	980253.092	-28.896	69.778	-25.302	15.580	226.112
323905.1	5429495.2	2950	2390	-0.044	3823.439	980250.094	-31.903	73.630	-26.699	15.029	238.594
323980.3	5429501.7	2950	2400	-0.048	3828.635	980255.290	-26.703	65.556	-23.771	15.082	212.431
324108.7	5429496.1	2950	2410	-0.051	3832.896	980259.551	-22.449	59.401	-21.539	15.413	192.486
324189.1	5429507.7	2950	2420	-0.052	3830.408	980257.063	-24.929	63.172	-22.906	15.336	204.704
324297.3	5429500.0	2950	2430	-0.053	3832.557	980259.212	-22.789	60.366	-21.889	15.689	195.613
324393.3	5429503.0	2950	2440	-0.053	3832.278	980258.933	-23.067	60.741	-22.025	15.649	196.826
324512.8	5429497.6	2950	2450	-0.054	3827.885	980254.540	-27.467	66.806	-24.224	15.115	216.482
324592.6	5429498.4	2950	2460	-0.055	3831.674	980258.329	-23.679	61.283	-22.221	15.383	198.584
324682.2	5429510.2	2950	2470	-0.056	3831.475	980258.130	-23.870	61.085	-22.150	15.066	197.943
322800.0	5430197.7	3020	2280	-0.070	3820.079	980246.734	-34.674	78.067	-28.308	15.086	252.973
322201.4	5430296.9	3030	2220	-0.062	3821.985	980248.640	-32.676	75.706	-27.451	15.579	245.320
322297.8	5430298.9	3030	2230	-0.063	3822.345	980249.000	-32.316	75.040	-27.210	15.514	243.163

322396.3	5430304.7	3030	2240	-0.063	3821.807	980248.462	-32.852	75.484	-27.371	15.261	244.600
322493.1	5430305.5	3030	2250	-0.064	3821.038	980247.693	-33.622	76.505	-27.741	15.142	247.909
322606.1	5430305.9	3030	2260	-0.065	3821.027	980247.682	-33.635	76.685	-27.806	15.244	248.493
322696.4	5430297.9	3030	2270	-0.065	3820.647	980247.302	-34.023	77.253	-28.012	15.218	250.335
322792.0	5430309.5	3030	2280	-0.066	3821.112	980247.767	-33.550	76.606	-27.778	15.278	248.236