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EL 4588

LOCK

DATA RELEASE AT LICENCE FIRST PARTIAL SURRENDER : ANNUAL REPORT FOR THE PERIOD 19/8/2005 TO 5/12/2012

Submitted by
Centrex Metals Ltd
2013

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25 January 2013

Mineral Resources Division
Department for Manufacturing, Innovation, Trade, Resources and Energy (DMITRE)
101 Grenfell Street
GPO Box 1264
Adelaide SA 5001

Attention: Nella Petruzzella
EL Reporting Officer

Dear Nella,

**EL 4588 Lock - Partial Surrender Report
for period ending 5 December 2012**

EL 4588 covering 53 sq km was granted to Centrex Metals Limited on 2 November 2010 for an initial period of 2 years. An application for renewal of the licence was made on 28 September 2012 and renewal is pending. EL 4588 is a subsequent licence to EL 3401 which expired on 18 August 2010 after 5 years of tenure.

On 5 December 2012, approximately 13.5 sq km (25%) were surrendered from EL 4588.

The only field work on the surrendered area of the exploration licence was a ground gravity survey carried out by Haines Surveys Pty Ltd on EL 3401 in August and September 2009. This work was reported in the 5th and final annual technical report for EL 3401 for the period 19 August 2009 to 18 August 2010.

Please accept this annual technical report for EL 3401 as the partial surrender report for EL 4588 and allow the report to go on open file.

Yours sincerely,



Pam Robinson
for Centrex Metals Limited



Fifth Annual Technical Report 2010

EL3401 Lock

Reporting Period: 19 August 2009 to 18 August 2010.

Tenement Holder: Centrex Metals Limited

Operator: Centrex Metals Limited (*Lincoln Minerals Limited*)

Author: Fraser Farrell

Date:

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1 Summary of all activities conducted

Exploration Licence 3401 (Lock) now in two parts of 8 and 45 square kilometres, was granted to Centrex Metals Limited on 19th August 2005. The licence has been renewed annually.

A ground gravity survey, in progress at the start of the reporting period, was completed on 22 August 2009. No significant new drilling targets were identified in the surveyed areas.

Lincoln Minerals has the rights to non ferrous minerals, but carried out no work or expenditure in EL3401 during the reporting period.

2 Exploration completed

2.1 Introduction, history & geology

EL 3401 Lock was granted to Centrex on 19 August 2005, and nowadays exists as two areas. The first area of about 8 square kilometres is rectangular and centred about 14km north of Lock (central Eyre Peninsula). The second area of about 45 square kilometres is centred about 10km northeast of Lock and shares some borders with the Hambidge Wilderness Conservation Park.

Sands and clays, of various shades of whites, reds & yellows, form a regolith layer up to 30m thick over the entire region. Some of the sand forms linear dunes up to 8m high, generally oriented in a northwest-southeast direction and separated by broad areas of flat sandy/clayey terrain. This pattern is disrupted by some large areas of pale grey sand, often formed into irregular lunette dunes.

Subsoil calcrete has been intercepted in countless holes and excavations within EL3401, sometimes as solid layers up to 4m thick. Erosion of the overlying sand & soil occasionally exposes the top of this calcrete layer. Lateritic or ferricreted rocks have also been found in a few excavations but the source of the iron is unknown.

Many small playas, with surface crusts of gypsum and/or salt, exist in low-lying areas.

Polda Basin sediments, described below, exist underneath most (all?) of EL3401. Aquifers in these Eocene layers were severely depleted by early settlers so today's landowners find only small yields and/or brine. Water and coal have been the focus of most historical explorations.

Basement rocks underneath EL3401 are assumed to be Archean to mid-Proterozoic granites, BIFs, metasediments & metavolcanics. They have been reached by many historic drillholes and water wells but the majority of drill logs simply describe them as "basement" or "crystalline basement". The nearest basement outcrops to EL3401 are on the top of Prominent Hill inside the Hambidge park.

2.1.1 Polda Basin

The **Polda Basin**, just south of EL3401, is a long-lived but failed rift valley and is the major geological structure in the region. It begins near Rudall, passes beneath Lock and then continues westwards over 2000km to the continental slope south of Western Australia. Despite its great

length east-west it is rarely more than 40km wide north-south, and in some places it narrows to only 15km wide. These constrictions, along with varying depths to its floor, divide the Polda Basin into several sub-basins. The easternmost of these is the **Karoo sub-basin**, on the south border of EL3401, which is about 30km wide (north-south) and up to 2200m deep according to seismic surveys. Its northern boundary is defined by a fault escarpment about 1000m high with an average slope of 1 in 4. This slope decreases to about 1 in 10 across several more block faults into the centre of the sub-basin. The Karoo sub-basin is separated from the rest of the Polda Basin by a shallower narrower section just west of Lock. Some of the other sub-basins in the Australian Bight are known, from petroleum exploration, to be over 3000m deep.

CRA Exploration drilled to 1398m at Karoo without penetrating to the pre-Polda basement. The stratigraphy in the Karoo sub-basin begins with the usual surficial sediments (described above), underlain by up to 450m of mostly nonmarine fluvial, lacustrine & paludal sediments from the Eocene **Poelpena Formation** and the Jurassic **Polda Formation**. Both are found throughout the Polda Basin and in many places the Poelpena Formation unconformably overlies the Polda Formation. Palynology is often needed to distinguish one from the other because of their sedimentary similarities. The Poelpena Formation contains many lignite beds but their lateral continuity is limited. The Polda Formation contains several brown coal beds and it may also contain petroleum. In many places the Polda Formation unconformably overlies a weathered surface of **Coolardie Formation** glacial sediments, and both are disrupted by block faulting. The Coolardie Formation was only 22m thick in CRA's drillhole but varies from nonexistent to over 180m thick elsewhere in the Polda Basin. It has been correlated with the Carboniferous-Permian **Cape Jervis Formation**, widely exposed on southern Yorke Peninsula and Fleurieu Peninsula. On the Eyre Peninsula it was removed by subsequent erosion, except from within troughs such as the Polda Basin.

In the Karoo sub-basin the Coolardie Formation is underlain by over 800m of late Proterozoic red beds (containing anhydrite) and amygdaloidal basalts, collectively named the **Karoo Formation**. This has been tentatively correlated with the *Beda Volcanics* exposed in the northern Flinders Ranges. The very lowest depths of the Karoo sub-basin might also contain layers of the *Blue Range Beds / Corunna Conglomerate*.

All of the pre-Eocene sediment is confined inside the Polda Basin. The Eocene Poelpena Formation onlaps most of the crystalline basement to the north of the Basin in layers up to 20m thick, and has been intercepted in many of the historic drillholes within EL3401. These layers probably drape over the boundary escarpment as a monocline and the thicker sections may be paleochannels in the basement.

It has been speculated that the Polda Basin's boundary faults may act as conduits for deep crustal fluids or magmas to reach the surface.

2.2 Geophysics

Haines Surveys began a ground gravity survey of selected areas on 11 August 2009 and completed it on 22 August 2009. Areas were defined by Total Magnetic Intensity anomalies and landowner access permissions. Maps are included later in this report.

The survey consisted of 1599 gravity stations on 23 west-east lines. The lines are coincident with GDA94 Zone 53 with line intervals of 200m and station intervals of 40m. The survey was bounded in the west by GDA94 Zone 53 576700E, in the east by 584600E, in the south by 6289300N and in the north by 6294500N. 39 observations were repeated for quality control purposes. All gravity stations were completed. Some stations were offset from

their nominal positions to avoid obstructions such as dense vegetation.

No significant new iron ore targets were identified by this survey so Centrex decided to drill other, more promising, targets in other tenements instead.

Haines Surveys' report has been submitted with this report.

2.3 Geochemistry

No geochemistry occurred during the reporting period.

2.4 Drilling

No drilling occurred during the reporting period.

2.5 Expenditure

Expenses for the reporting period were \$65053. The total expenditure for EL3401 to the end of the reporting period is \$118822.

3 Maps

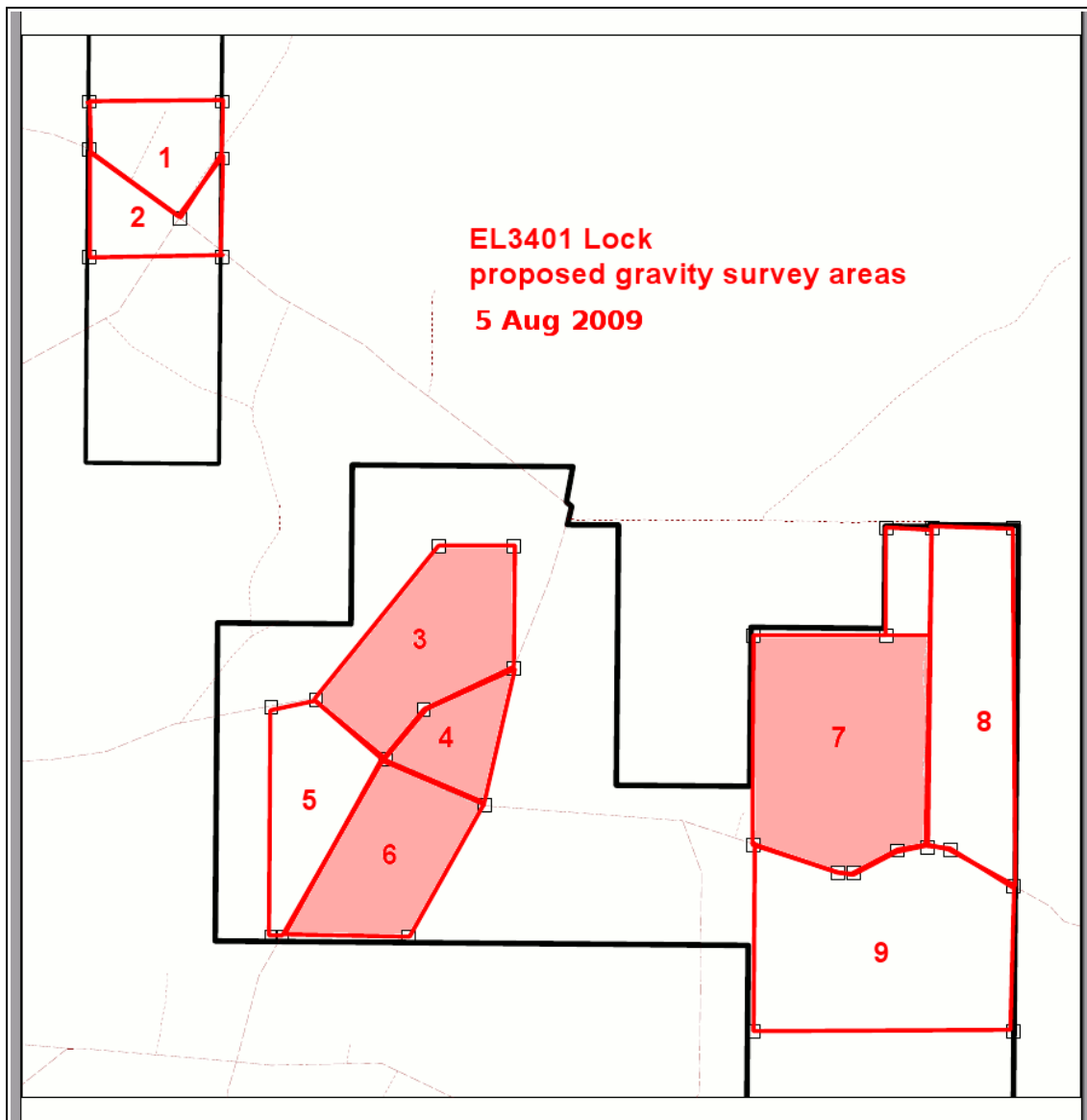
3.1 Location

The two parts of EL3401, outlined in purple, on a Google Earth satellite image of the Lock district. The (partly burned out) large vegetated block is the Hambidge Wilderness Conservation Park.



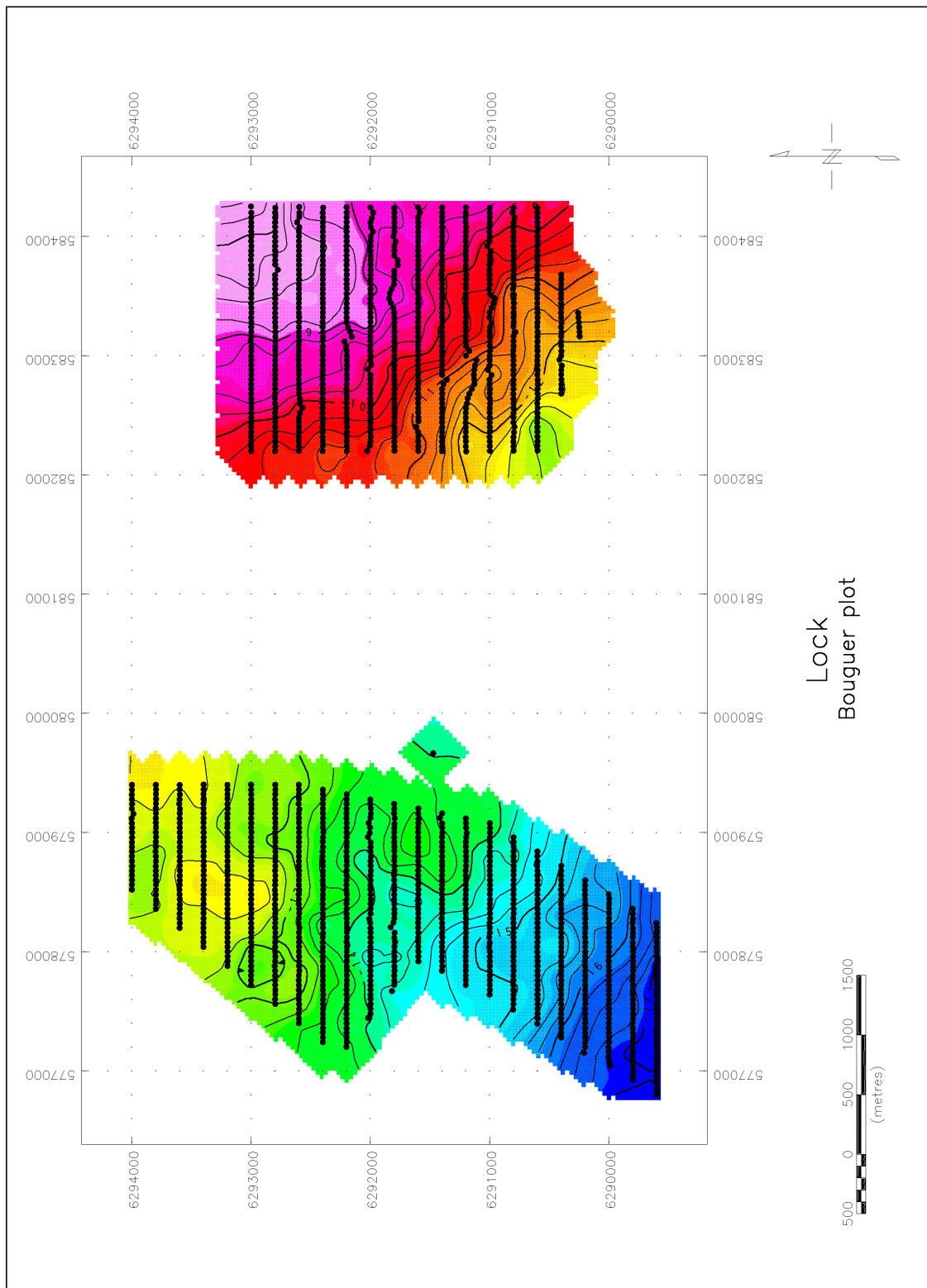
3.2 Gravity survey areas

Only areas 3, 4, 6 and 7 were actually surveyed. Landowners of the other areas refused access. The black outline is EL3401 boundaries.



3.3 Bouguer gravity map

North is to the left, small black dots are the gravity stations.



HAINES SURVEYS

GRAVITY SURVEY SPECIALISTS

0924

LOCK GRAVITY SURVEY

CENTREX METALS

August 2009

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Introduction

A detail GPS gravity survey designated as Lock Gravity Survey has been carried out in 2 areas approximately 12kms NE of Lock in South Australia. The survey was conducted from the 11th August 2009 to 22nd August 2009 on behalf of Centrex Metals.

The actual gravity survey comprises of 1599 detail gravity stations on 23 W-E lines. The lines are coincident with GDA94 Zone 53 with line intervals of 200m and station intervals of 40m. The survey was bounded in the west by GDA94 Zone 53 576700E, in the east by 584600E, in the south by 6289300N and in the north by 6294500N.

There were 39 observations repeated for quality control purposes, giving a repeat percentage of 2.4%. 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.

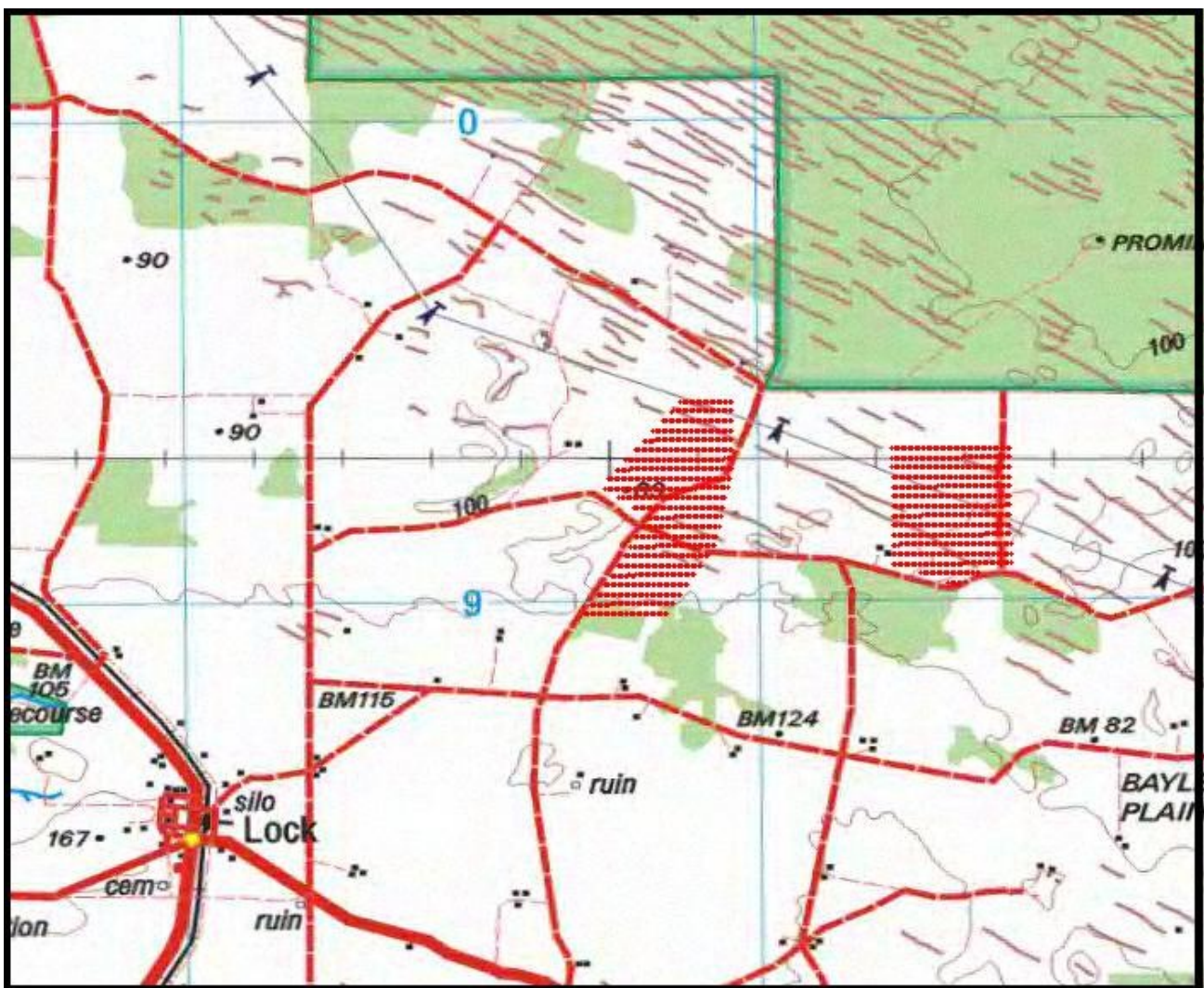


Figure 1. Location Diagram

GPS Survey and Gravity Datum

Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)
 Map Grid of Australia 1994 (MGA94)
 Zone 53

Vertical Datum: Australian Height Datum (AHD)

Gravity Datum: Isogal 1984 / IGSN 71

Survey and Gravity Base Stations

A base stations was established in the survey area. The base station was placed on a hill central to the project area to provide good VHF radio coverage. The base was designated as HS2009.2401. 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 HS2009.2401."

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 HS2009.2401 was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using ABA ties from LOCK Presbyterian Church 1994932509. The values for LOCK Presbyterian Church 1994932509 were attained from Geoscience Australia in Canberra. ABA ties were made over 4 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 69.3.1 hours (at 10 second intervals) of observations were logged over 3 days. The following outlines the Cartesian coordinate precision attained per day.

1 Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
2401	0.012	0.013	0.010	2009/08/12
2401	0.012	0.008	0.009	2009/08/13
2401	0.007	0.008	0.010	2009/08/14

Since GDA94 and WGS84 (Global Positioning System Datum) are virtually equivalent the GDA94 values can be directly input into the GPS processing software for all calculations. Vertical control has been converted to an Australian Height Datum (AHD) height using the GDA94 height determined from AUSPOS and the AUSGEOID98 gravimetric geoid.

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**):

0924_Lock 2009 SURVEY/GRAVITY CONTROL

Station	GDA94 (WGS84)			GDA94 Zone 53		AHD	Isogal84
	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mgal
2000.2401	-33 30 48.02840	135 51 27.99670	96.472	579663.872	6291472.385	100.007	979574.164
94932509	-33 33 42.6672	135 45 33.3864					979555.922

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* instrument numbered 177.

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 W-E gravity survey lines on MGA94 the 8 digits are constructed from the planned coordinates for each gravity station using:

Line No = (MGA N – 6200000) /10 Station No = (MGA E – 500000)/10

For example:

Planned gravity station coordinates

6291300.000N

510400.000E

Line No = 9130

Station No = 1040

i.e. 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*.

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

Obs = observed gravity as explained above

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

ϕ = 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

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

ρ = 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
93207940	D223	579,398.571	6,293,198.418	80.178	979,578.138	-12.627
93207940	D224	579,398.232	6,293,198.412	80.138	979,578.177	-12.596
		+0.339	+0.006	+0.040	-0.039	-0.031
93407940	D223	579,400.875	6,293,398.149	86.581	979,576.856	-12.500
93407940	D224	579,401.159	6,293,398.502	86.603	979,576.864	-12.487
		-0.284	-0.353	-0.022	-0.008	-0.013
91607796	D224	577,958.976	6,291,597.066	86.832	979,576.330	-14.336
91607796	D225	577,958.952	6,291,597.142	86.821	979,576.366	-14.302
		+0.024	-0.076	+0.011	-0.036	-0.034
92007748	D224	577,478.866	6,291,998.972	97.643	979,574.291	-13.950
92007748	D226	577,478.928	6,291,999.051	97.652	979,574.254	-13.985
		-0.062	-0.079	-0.009	+0.037	+0.035
92007820	D224	578,196.863	6,291,998.407	91.385	979,575.386	-14.082
92007820	D227	578,196.646	6,291,998.426	91.363	979,575.366	-14.106
		+0.217	-0.019	+0.022	+0.020	+0.024
92007824	D224	578,242.314	6,292,000.373	91.888	979,575.235	-14.132
92007824	D225	578,242.284	6,292,000.457	91.919	979,575.222	-14.139
		+0.030	-0.084	-0.031	+0.013	+0.007
92207848	D224	578,480.242	6,292,196.812	86.084	979,576.868	-13.492
92207848	D225	578,480.380	6,292,196.755	86.089	979,576.822	-13.537
		-0.138	+0.057	-0.005	+0.046	+0.045
93007908	D224	579,079.046	6,292,998.833	87.232	979,576.625	-12.904
93007908	D227	579,078.931	6,292,998.279	87.230	979,576.581	-12.949
		+0.115	+0.554	+0.002	+0.044	+0.045
91407836	D225	578,358.358	6,291,397.361	87.121	979,576.543	-14.214
91407836	D226	578,358.299	6,291,397.397	87.115	979,576.547	-14.211
		+0.059	-0.036	+0.006	-0.004	-0.003
91407836	D228	578,358.156	6,291,397.189	87.104	979,576.529	-14.231
		+0.202	+0.172	+0.017	+0.014	+0.017
91807812	D225	578,116.893	6,291,798.938	90.018	979,575.702	-14.185
91807812	D226	578,116.901	6,291,798.959	90.007	979,575.746	-14.143
		-0.008	-0.021	+0.011	-0.044	-0.042
92207892	D225	578,917.812	6,292,197.961	83.997	979,577.014	-13.753
92207892	D227	578,917.726	6,292,198.424	83.683	979,577.053	-13.775
		+0.086	-0.463	+0.314	-0.039	+0.022
89607680	D226	576,801.137	6,289,597.262	101.159	979,572.317	-17.038
89607680	D233	576,800.928	6,289,597.386	101.080	979,572.327	-17.044
		+0.209	-0.124	+0.079	-0.010	+0.006
89807692	D226	576,926.540	6,289,797.495	98.889	979,572.684	-16.967
89807692	D233	576,926.675	6,289,797.262	98.859	979,572.703	-16.954
		-0.135	+0.233	+0.030	-0.019	-0.013
90007704	D226	577,041.757	6,289,988.499	98.589	979,572.635	-16.931
90007704	D233	577,041.692	6,289,988.186	98.575	979,572.644	-16.925
		+0.065	+0.313	+0.014	-0.009	-0.006

90207716	D226	577,151.433	6,290,207.270	100.019	979,572.530	-16.590
90207716	D233	577,151.683	6,290,207.003	100.072	979,572.551	-16.558
		-0.250	+0.267	-0.053	-0.021	-0.032
90407728	D226	577,279.323	6,290,398.913	93.751	979,574.067	-16.141
90407728	D228	577,279.328	6,290,398.699	93.684	979,574.079	-16.142
		-0.005	+0.214	+0.067	-0.012	+0.001
90408268	D226	582,680.493	6,290,398.346	95.504	979,577.578	-12.252
90408268	D230	582,680.459	6,290,398.158	95.537	979,577.627	-12.197
		+0.034	+0.188	-0.033	-0.049	-0.055
90607740	D226	577,395.638	6,290,598.986	93.223	979,574.801	-15.360
90607740	D228	577,395.887	6,290,598.987	93.193	979,574.817	-15.350
		-0.249	-0.001	+0.030	-0.016	-0.010
90608224	D226	582,242.698	6,290,599.111	93.296	979,577.356	-12.761
90608224	D229	582,242.536	6,290,599.198	93.255	979,577.386	-12.738
		+0.162	-0.087	+0.041	-0.030	-0.023
90608240	D226	582,399.211	6,290,598.724	98.378	979,576.207	-12.909
90608240	D233	582,399.548	6,290,599.214	98.372	979,576.235	-12.882
		-0.337	-0.490	+0.006	-0.028	-0.027
90608324	D226	583,242.641	6,290,600.262	108.269	979,575.391	-11.773
90608324	D233	583,242.851	6,290,599.796	108.255	979,575.438	-11.729
		-0.210	+0.466	+0.014	-0.047	-0.044
91207868	D226	578,680.973	6,291,200.430	89.010	979,576.605	-13.926
91207868	D233	578,680.838	6,291,200.264	88.970	979,576.628	-13.911
		+0.135	+0.166	+0.040	-0.023	-0.015
91208244	D226	582,437.489	6,291,199.762	104.101	979,575.560	-11.979
91208244	D229	582,437.396	6,291,199.855	104.051	979,575.545	-12.004
		+0.093	-0.093	+0.050	+0.015	+0.025
91208244	D232	582,437.443	6,291,200.154	103.956	979,575.564	-12.003
		+0.046	-0.392	+0.145	-0.004	+0.024
91407784	D226	577,839.149	6,291,399.804	90.611	979,575.359	-14.712
91407784	D228	577,839.399	6,291,399.607	90.633	979,575.378	-14.689
		-0.250	+0.197	-0.022	-0.019	-0.023
90807844	D228	578,438.429	6,290,797.910	91.421	979,575.722	-14.638
90807844	D234	578,438.448	6,290,797.933	91.413	979,575.744	-14.618
		-0.019	-0.023	+0.008	-0.022	-0.020
91408252	D229	582,518.334	6,291,397.258	95.740	979,577.854	-11.181
91408252	D230	582,518.160	6,291,397.281	95.753	979,577.857	-11.175
		+0.174	-0.023	-0.013	-0.003	-0.006
92208300	D229	582,998.066	6,292,196.667	88.073	979,580.426	-9.514
92208300	D231	582,997.782	6,292,196.527	87.992	979,580.430	-9.527
		+0.284	+0.140	+0.081	-0.004	+0.013
92408328	D229	583,280.906	6,292,399.957	82.822	979,582.183	-8.636
92408328	D230	583,280.988	6,292,399.942	82.817	979,582.183	-8.637
		-0.082	+0.015	+0.005	+0.000	+0.001
91608424	D230	584,242.928	6,291,599.225	115.248	979,575.498	-9.537
91608424	D231	584,242.991	6,291,599.318	115.200	979,575.532	-9.512
		-0.063	-0.093	+0.048	-0.034	-0.025

92008424	D230	584,241.970	6,291,998.239	107.891	979,576.969	-9.214
92008424	D231	584,242.029	6,291,998.320	107.827	979,576.972	-9.224
		-0.059	-0.081	+0.064	-0.003	+0.010
92408424	D230	584,240.930	6,292,395.684	89.180	979,580.726	-8.839
92408424	D231	584,241.010	6,292,395.565	89.191	979,580.772	-8.791
		-0.080	+0.119	-0.011	-0.046	-0.048
90808424	D231	584,239.110	6,290,797.706	98.444	979,579.164	-9.778
90808424	D232	584,239.140	6,290,797.668	98.531	979,579.150	-9.775
		-0.030	+0.038	-0.087	+0.014	-0.003
91008424	D231	584,240.358	6,290,998.552	96.790	979,579.613	-9.504
91008424	D232	584,240.381	6,290,998.698	96.800	979,579.619	-9.495
		-0.023	-0.146	-0.010	-0.006	-0.009
91208424	D231	584,243.120	6,291,197.694	101.872	979,578.635	-9.333
91208424	D232	584,243.168	6,291,197.719	101.944	979,578.637	-9.316
		-0.048	-0.025	-0.072	-0.002	-0.017
89607804	D233	578,037.762	6,289,598.240	102.706	979,572.404	-16.639
89607804	D234	578,037.847	6,289,598.290	102.703	979,572.418	-16.625
		-0.085	-0.050	+0.003	-0.014	-0.014
90207824	D233	578,238.334	6,290,197.778	97.579	979,573.867	-15.733
90207824	D234	578,238.410	6,290,197.854	97.559	979,573.893	-15.711
		-0.076	-0.076	+0.020	-0.026	-0.022

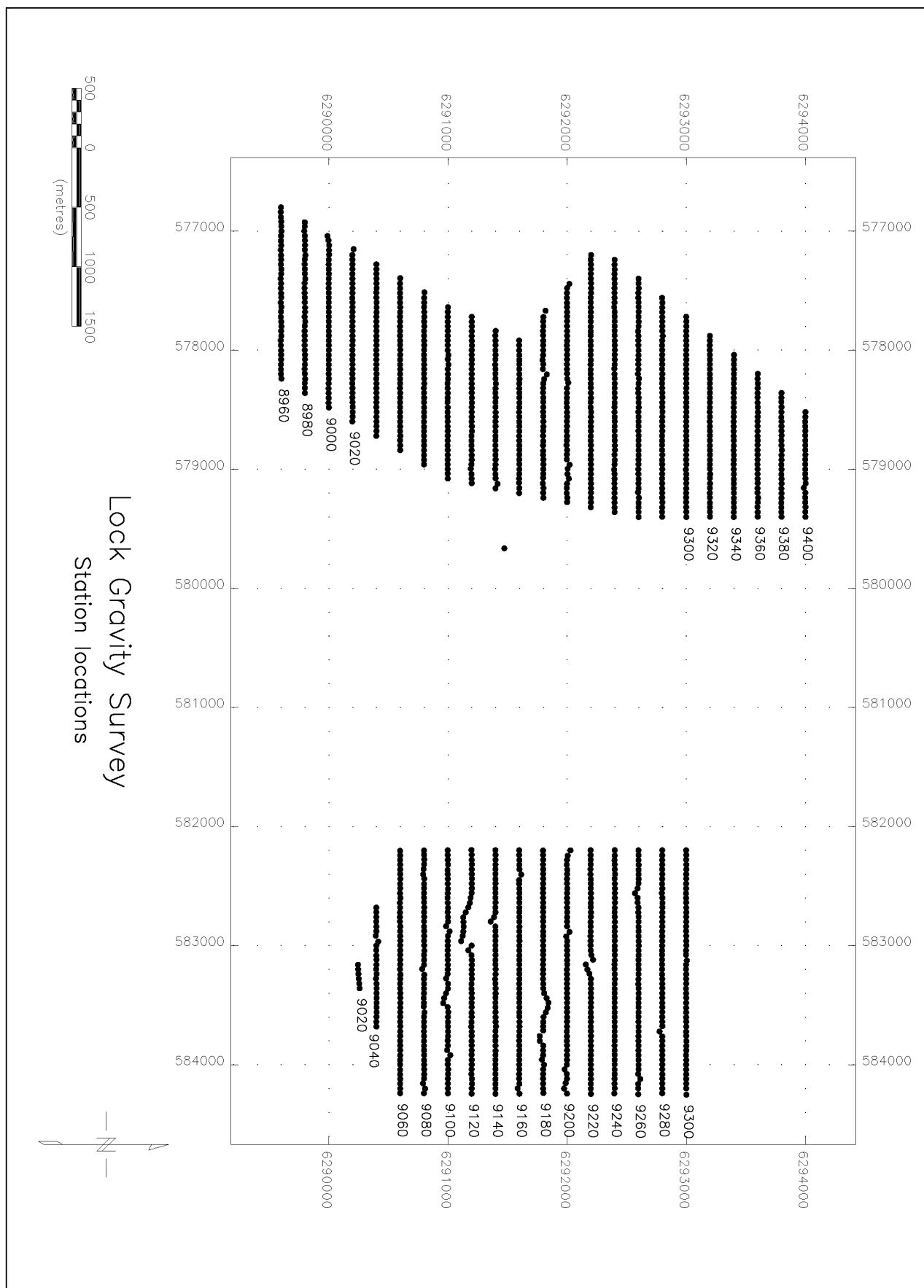
Production Log

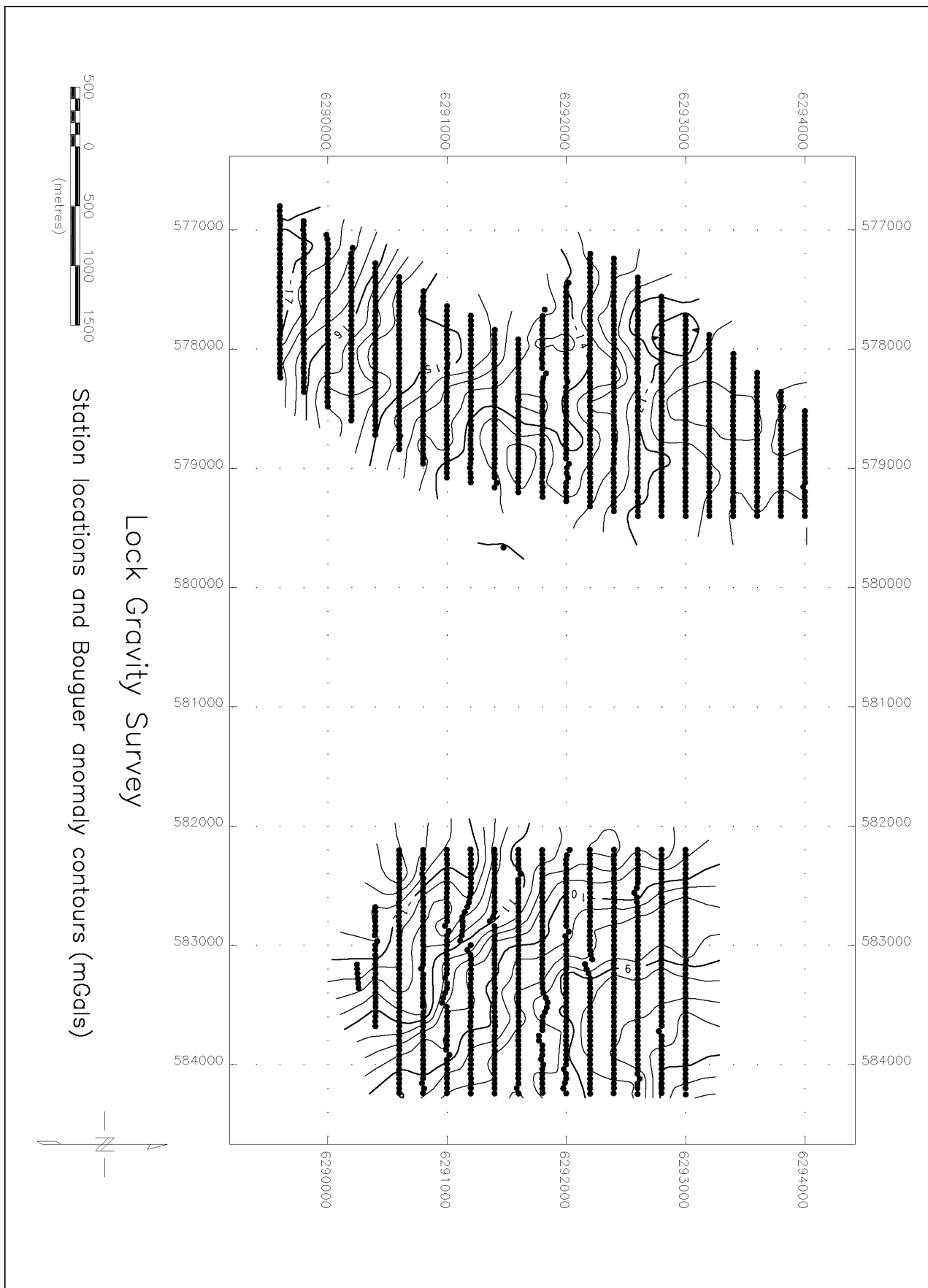
0924_Lock 2009 Production log

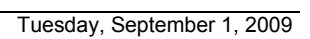
Date	Day#	Obs	Repeats	Comments
11/08/2009	223	122	0	grav/survey control
12/08/2009	224	146	2	trees, fences
13/08/2009	225	123	3	trees
14/08/2009	226	114	3	trees,fences, dunes
15/08/2009	227	159	3	windy
16/08/2009	228	158	4	windy, rain
17/08/2009	229	165	3	trees, dunes
18/08/2009	230	161	3	trees, dunes
19/08/2009	231	143	4	trees
20/08/2009	232	114	4	trees, dunes
21/08/2009	233	137	7	
22/08/2009	234	57	3	complete survey
TOTAL		1599	39	

Plots

Station Locations	10
Stations and Bouguer Anomaly Contours	11
Bouguer Anomaly Contours and Zoned Image	12







LINE PROFILE BITMAPS

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

8960.BMP	9120.BMP	9280.BMP
8980.BMP	9140.BMP	9300.BMP
9000.BMP	9160.BMP	9320.BMP
9020.BMP	9180.BMP	9340.BMP
9040.BMP	9200.BMP	9360.BMP
9060.BMP	9220.BMP	9380.BMP
9080.BMP	9240.BMP	9400.BMP
9100.BMP	9260.BMP	

GRAVITY PROCESSING RESULTS

COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
E	N	x	y		meter	mgal		corr'n	corr'n	anom	(AHD)
D223											
579663.9	6291472.4	0	2401	+0.000	3523.468	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	+0.000	3523.468	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.044	3523.468	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.010	3523.512	979574.164	-33.665	30.862	-11.191	-13.993	100.007
578717.8	6293197.8	9320	7872	-0.038	3525.320	979576.016	-30.524	28.170	-10.214	-12.569	91.282
578757.8	6293197.4	9320	7876	-0.038	3525.605	979576.301	-30.240	27.744	-10.060	-12.556	89.902
578800.8	6293198.1	9320	7880	-0.038	3525.659	979576.355	-30.185	27.573	-9.998	-12.610	89.348
578839.4	6293198.0	9320	7884	-0.039	3525.653	979576.349	-30.191	27.463	-9.958	-12.686	88.993
578878.5	6293198.3	9320	7888	-0.039	3525.566	979576.262	-30.277	27.548	-9.989	-12.718	89.267
578920.7	6293197.6	9320	7892	-0.039	3525.605	979576.301	-30.238	27.460	-9.957	-12.735	88.983
578958.1	6293197.5	9320	7896	-0.039	3525.578	979576.274	-30.265	27.477	-9.963	-12.751	89.037
578996.4	6293197.5	9320	7900	-0.039	3525.445	979576.141	-30.398	27.638	-10.022	-12.782	89.558
579040.5	6293199.5	9320	7904	-0.040	3525.232	979575.928	-30.609	27.917	-10.123	-12.815	90.465
579075.5	6293198.1	9320	7908	-0.040	3525.008	979575.704	-30.834	28.140	-10.204	-12.898	91.185
579199.7	6293196.8	9320	7920	-0.041	3526.170	979576.866	-29.672	26.482	-9.602	-12.793	85.813
579237.6	6293197.5	9320	7924	-0.041	3526.646	979577.342	-29.195	25.871	-9.381	-12.706	83.832
579282.3	6293197.9	9320	7928	-0.041	3527.002	979577.698	-28.839	25.331	-9.093	-12.680	81.258
579358.6	6293197.4	9320	7936	-0.042	3527.333	979578.029	-28.508	24.874	-9.020	-12.653	80.604
579398.6	6293198.4	9320	7940	-0.042	3527.442	979578.138	-28.398	24.743	-8.972	-12.627	80.178
578322.0	6293398.3	9340	7832	-0.037	3524.134	979574.830	-31.562	29.814	-10.811	-12.559	96.609
578358.0	6293398.0	9340	7836	-0.037	3524.176	979574.872	-31.520	29.802	-10.806	-12.525	96.572
578399.8	6293397.9	9340	7840	-0.036	3524.261	979574.957	-31.435	29.732	-10.781	-12.484	96.345
578440.7	6293399.0	9340	7844	-0.036	3524.678	979575.374	-31.017	29.248	-10.606	-12.374	94.778
578480.3	6293397.5	9340	7848	-0.036	3524.950	979575.646	-30.746	28.922	-10.487	-12.311	93.721
578519.9	6293398.6	9340	7852	-0.036	3525.130	979575.826	-30.565	28.682	-10.400	-12.283	92.941
578558.6	6293398.2	9340	7856	-0.036	3525.323	979576.019	-30.372	28.375	-10.289	-12.286	91.947
578600.2	6293396.8	9340	7860	-0.035	3525.423	979576.119	-30.273	28.229	-10.236	-12.280	91.473
578640.5	6293397.3	9340	7864	-0.035	3525.423	979576.119	-30.272	28.170	-10.215	-12.317	91.283
578680.5	6293396.9	9340	7868	-0.035	3525.259	979575.955	-30.436	28.329	-10.272	-12.379	91.799
578720.8	6293397.7	9340	7872	-0.034	3525.055	979575.751	-30.639	28.584	-10.365	-12.420	92.624
578758.4	6293398.0	9340	7876	-0.034	3524.788	979575.484	-30.906	28.861	-10.465	-12.510	93.521
578801.1	6293398.5	9340	7880	-0.034	3524.625	979575.321	-31.068	29.022	-10.523	-12.570	94.043
578840.4	6293397.7	9340	7884	-0.034	3524.686	979575.382	-31.008	28.905	-10.481	-12.584	93.665
578880.6	6293398.6	9340	7888	-0.034	3524.950	979575.646	-30.743	28.475	-10.325	-12.593	92.271
578920.6	6293397.9	9340	7892	-0.033	3525.020	979575.716	-30.673	28.407	-10.301	-12.566	92.052
578957.9	6293397.4	9340	7896	-0.033	3524.959	979575.655	-30.734	28.382	-10.291	-12.644	91.970
579000.1	6293397.8	9340	7900	-0.033	3524.987	979575.683	-30.706	28.288	-10.258	-12.675	91.667
579040.3	6293398.8	9340	7904	-0.033	3525.240	979575.936	-30.452	27.982	-10.146	-12.616	90.674
579082.7	6293398.6	9340	7908	-0.032	3525.513	979576.209	-30.179	27.624	-10.017	-12.571	89.515
579119.9	6293398.5	9340	7912	-0.032	3525.702	979576.398	-29.989	27.445	-9.952	-12.496	88.934
579159.7	6293398.6	9340	7916	-0.032	3525.773	979576.469	-29.918	27.251	-9.881	-12.548	88.306
579199.3	6293399.1	9340	7920	-0.032	3525.941	979576.637	-29.749	27.078	-9.819	-12.490	87.746
579241.3	6293399.1	9340	7924	-0.031	3525.947	979576.643	-29.743	27.041	-9.805	-12.507	87.625
579280.4	6293398.8	9340	7928	-0.031	3526.039	979576.735	-29.651	27.020	-9.797	-12.429	87.556
579320.2	6293399.4	9340	7932	-0.031	3525.940	979576.636	-29.749	27.003	-9.791	-12.538	87.500
579360.8	6293397.8	9340	7936	-0.031	3526.111	979576.807	-29.579	26.851	-9.736	-12.465	87.008
579400.9	6293399.1	9340	7940	-0.030	3526.160	979576.856	-29.530	26.719	-9.688	-12.500	86.581
578199.0	6293599.3	9360	7820	-0.024	3524.013	979574.709	-31.533	29.807	-10.808	-12.535	96.587
578239.2	6293598.2	9360	7824	-0.024	3524.213	979574.909	-31.334	29.585	-10.727	-12.477	95.867
578279.6	6293599.8	9360	7828	-0.024	3524.165	979574.861	-31.381	29.485	-10.691	-12.587	95.545
578318.9	6293598.9	9360	7832	-0.023	3524.293	979574.989	-31.253	29.354	-10.644	-12.543	95.121

578360.4	6293598.1	9360	7836	-0.023	3524.348	979575.044	-31.198	29.345	-10.641	-12.494	95.092
578396.4	6293597.8	9360	7840	-0.023	3524.388	979575.084	-31.158	29.268	-10.613	-12.503	94.841
578440.5	6293598.0	9360	7844	-0.025	3524.334	979575.030	-31.212	29.336	-10.637	-12.514	95.060
578480.0	6293599.5	9360	7848	-0.026	3524.365	979575.061	-31.179	29.345	-10.641	-12.475	95.090
578520.5	6293601.0	9360	7852	-0.026	3524.386	979575.082	-31.157	29.300	-10.624	-12.482	94.944
578559.4	6293598.9	9360	7856	-0.026	3524.432	979575.128	-31.112	29.265	-10.611	-12.459	94.830
578598.1	6293597.9	9360	7860	-0.026	3524.494	979575.190	-31.051	29.157	-10.572	-12.467	94.481
578637.3	6293597.8	9360	7864	-0.026	3524.537	979575.233	-31.008	29.221	-10.596	-12.382	94.690
578679.6	6293597.5	9360	7868	-0.027	3524.548	979575.244	-30.997	29.139	-10.566	-12.424	94.423
578721.8	6293598.0	9360	7872	-0.027	3524.642	979575.338	-30.902	28.907	-10.482	-12.477	93.671
578758.7	6293598.4	9360	7876	-0.027	3524.696	979575.392	-30.848	28.784	-10.437	-12.501	93.273
578796.8	6293598.0	9360	7880	-0.027	3524.728	979575.424	-30.816	28.587	-10.366	-12.595	92.634
578838.8	6293597.5	9360	7884	-0.028	3524.809	979575.505	-30.735	28.357	-10.282	-12.660	91.888
578877.9	6293598.0	9360	7888	-0.028	3524.769	979575.465	-30.774	28.407	-10.300	-12.668	92.050
578918.8	6293598.0	9360	7892	-0.028	3524.725	979575.421	-30.818	28.469	-10.323	-12.672	92.253
578959.2	6293597.0	9360	7896	-0.028	3524.830	979575.526	-30.713	28.454	-10.317	-12.577	92.203
578999.3	6293598.1	9360	7900	-0.029	3524.837	979575.533	-30.706	28.427	-10.308	-12.586	92.115
579039.4	6293597.9	9360	7904	-0.029	3524.791	979575.487	-30.751	28.417	-10.304	-12.639	92.082
579079.5	6293598.2	9360	7908	-0.029	3524.820	979575.516	-30.722	28.403	-10.299	-12.618	92.038
579117.4	6293598.3	9360	7912	-0.029	3524.808	979575.504	-30.734	28.417	-10.304	-12.621	92.083
579160.6	6293597.3	9360	7916	-0.029	3524.731	979575.427	-30.811	28.506	-10.336	-12.641	92.372
579197.4	6293597.2	9360	7920	-0.030	3524.712	979575.408	-30.830	28.578	-10.362	-12.614	92.605
579359.7	6293598.9	9360	7936	-0.015	3525.081	979575.777	-30.459	28.152	-10.208	-12.515	91.225
579398.8	6293599.1	9360	7940	-0.014	3525.428	979576.124	-30.111	27.724	-10.053	-12.440	89.837
578359.2	6293798.4	9380	7836	-0.020	3523.861	979574.557	-31.535	29.454	-10.680	-12.761	95.443
578398.8	6293798.2	9380	7840	-0.020	3523.774	979574.470	-31.622	29.474	-10.687	-12.835	95.508
578435.3	6293797.4	9380	7844	-0.020	3523.971	979574.667	-31.425	29.290	-10.621	-12.756	94.911
578478.1	6293798.3	9380	7848	-0.019	3524.175	979574.871	-31.220	29.108	-10.555	-12.667	94.323
578519.7	6293798.2	9380	7852	-0.019	3524.174	979574.870	-31.221	28.981	-10.509	-12.749	93.910
578563.2	6293797.7	9380	7856	-0.018	3524.276	979574.972	-31.119	28.826	-10.452	-12.746	93.409
578599.4	6293798.4	9380	7860	-0.018	3524.324	979575.020	-31.071	28.637	-10.384	-12.817	92.798
578638.7	6293798.6	9380	7864	-0.018	3524.390	979575.086	-31.004	28.543	-10.350	-12.811	92.493
578678.5	6293798.4	9380	7868	-0.018	3524.265	979574.961	-31.129	28.706	-10.409	-12.832	93.020
578717.0	6293799.4	9380	7872	-0.017	3524.252	979574.948	-31.141	28.725	-10.416	-12.832	93.082
578758.2	6293797.9	9380	7876	-0.017	3524.082	979574.778	-31.312	28.916	-10.485	-12.881	93.701
578799.3	6293798.7	9380	7880	-0.016	3523.903	979574.599	-31.490	29.205	-10.590	-12.875	94.638
578839.5	6293801.6	9380	7884	-0.016	3523.892	979574.588	-31.499	29.321	-10.632	-12.810	95.014
578881.1	6293798.6	9380	7888	-0.009	3523.937	979574.633	-31.456	29.344	-10.640	-12.752	95.089
578920.6	6293798.6	9380	7892	-0.010	3523.954	979574.650	-31.438	29.335	-10.637	-12.741	95.057
578962.1	6293796.8	9380	7896	-0.010	3523.933	979574.629	-31.461	29.380	-10.653	-12.734	95.203
579001.3	6293798.8	9380	7900	-0.010	3524.086	979574.782	-31.306	29.218	-10.594	-12.683	94.678
579042.2	6293797.3	9380	7904	-0.011	3524.252	979574.948	-31.141	29.025	-10.525	-12.640	94.055
579081.0	6293798.5	9380	7908	-0.011	3524.350	979575.046	-31.042	28.938	-10.493	-12.597	93.772
579119.8	6293798.9	9380	7912	-0.011	3524.524	979575.220	-30.867	28.731	-10.418	-12.554	93.101
579162.1	6293798.1	9380	7916	-0.012	3524.889	979575.585	-30.503	28.227	-10.235	-12.511	91.469
579202.2	6293798.3	9380	7920	-0.012	3525.301	979575.997	-30.090	27.665	-10.031	-12.456	89.647
579241.7	6293798.2	9380	7924	-0.012	3525.489	979576.185	-29.902	27.452	-9.954	-12.404	88.955
579281.0	6293797.1	9380	7928	-0.013	3525.592	979576.288	-29.800	27.320	-9.906	-12.386	88.529
579320.3	6293797.5	9380	7932	-0.013	3525.524	979576.220	-29.867	27.416	-9.941	-12.392	88.839
579360.6	6293797.2	9380	7936	-0.013	3525.365	979576.061	-30.026	27.713	-10.049	-12.362	89.802
579399.4	6293799.1	9380	7940	-0.014	3525.309	979576.005	-30.080	27.829	-10.091	-12.342	90.177
578519.7	6293999.7	9400	7852	-0.021	3523.910	979574.606	-31.334	29.131	-10.563	-12.766	94.397
578560.4	6293998.8	9400	7856	-0.021	3523.777	979574.473	-31.468	29.251	-10.607	-12.823	94.787
578600.5	6293997.3	9400	7860	-0.021	3523.571	979574.267	-31.674	29.577	-10.725	-12.822	95.844
578639.8	6293998.5	9400	7864	-0.022	3523.475	979574.171	-31.769	29.770	-10.795	-12.794	96.467
578677.8	6293998.8	9400	7868	-0.022	3523.552	979574.248	-31.692	29.685	-10.764	-12.771	96.192
578717.6	6293998.2	9400	7872	-0.009	3523.732	979574.428	-31.512	29.318	-10.631	-12.825	95.004
578759.5	6293998.4	9400	7876	-0.008	3523.849	979574.545	-31.395	29.105	-10.553	-12.843	94.312
578799.4	6293998.4	9400	7880	-0.008	3524.025	979574.721	-31.218	28.895	-10.478	-12.800	93.634
578839.8	6293998.7	9400	7884	-0.008	3524.255	979574.951	-30.988	28.634	-10.383	-12.737	92.788
578878.2	6293998.8	9400	7888	-0.007	3524.478	979575.174	-30.765	28.390	-10.294	-12.669	91.996
578917.4	6293998.4	9400	7892	-0.007	3524.622	979575.318	-30.621	28.270	-10.251	-12.602	91.606
578957.5	6293998.1	9400	7896	-0.007	3524.693	979575.389	-30.550	28.225	-10.234	-12.559	91.460
578999.8	6293998.1	9400	7900	-0.006	3524.635	979575.331	-30.607	28.299	-10.261	-12.570	91.701
579038.2	6293997.3	9400	7904	-0.006	3524.503	979575.199	-30.740	28.473	-10.325	-12.591	92.266
579077.3	6293999.3	9400	7908	-0.006	3524.252	979574.948	-30.989	28.828	-10.453	-12.614	93.417
579117.3	6294001.4	9400	7912	-0.005	3523.895	979574.591	-31.344	29.367	-10.649	-12.626	95.162
579155.4	6293985.9	9400	7916	-0.005	3523.852	979574.548	-31.399	29.464	-10.684	-12.618	95.477
579197.9	6293999.1	9400	7920	-0.005	3524.090	979574.786	-31.151	29.100	-10.552	-12.602	94.297
579238.1	6293997.7	9400	7924	-0.004	3524.409	979575.105	-30.832	28.662	-10.393	-12.563	92.878
579278.2	6293998.5	9400	7928	-0.004	3524.820	979575.516	-30.421	28.163	-10.212	-12.470	91.261
579317.0	6294000.2	9400	7932	-0.004	3525.045	979575.741	-30.194	27.928	-10.127	-12.393	90.499
579357.1	6293998.7	9400	7936	-0.003	3525.047	979575.743	-30.193	27.996	-10.151	-12.349	90.718
579399.7	6293998.9	9400	7940	-0.003	3525.095	979575.791	-30.144	28.023	-10.161	-12.283	90.807
D224											
579663.9	6291472.4	0	2401	+0.000	3523.749	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.009	3523.749	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.058	3523.758	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.009	3523.816	979574.164	-33.665	30.862	-11.191	-13.993	100.007
577918.3	6291597.0	9160	7792	-0.052	3525.875	979576.281	-31.465	26.961	-9.776	-14.280	87.365
577959.0	6291597.1	9160	7796	-0.053	3525.924	979576.330	-31.416	26.796	-9.716	-14.336	86.832
577688.6	6291818.2	9180	7768	-0.052	3523.583	979573.989	-33.593	30.114	-10.919	-14.398	97.582
577721.9	6291799.9	9180	7772	-0.049	3524.338	979574.744	-32.851	29.232	-10.600	-14.218	94.726
577758.6	6291798.7	9180	7776	-0.049	3525.104	979575.510	-32.086	28.163	-10.212	-14.135	91.260
577799.1	6291799.4	9180	7780	-0.049	3525.372	979575.778	-31.817	27.759	-10.065	-14.124	89.951

577838.9	6291796.7	9180	7784	-0.050	3525.481	979575.887	-31.710	27.506	-9.974	-14.178	89.132
577876.6	6291798.2	9180	7788	-0.050	3525.514	979575.920	-31.676	27.353	-9.918	-14.241	88.637
577920.3	6291798.4	9180	7792	-0.050	3525.582	979575.988	-31.607	27.211	-9.867	-14.263	88.176
577958.3	6291798.0	9180	7796	-0.051	3525.591	979575.997	-31.598	27.177	-9.854	-14.276	88.064
578000.8	6291797.9	9180	7800	-0.051	3525.594	979576.000	-31.595	27.209	-9.866	-14.252	88.169
578041.7	6291798.2	9180	7804	-0.051	3525.592	979575.998	-31.597	27.329	-9.910	-14.177	88.559
578081.7	6291792.8	9180	7808	-0.054	3525.534	979575.940	-31.658	27.459	-9.957	-14.156	88.979
577443.5	6292018.1	9200	7744	-0.044	3523.554	979573.960	-33.473	30.645	-11.112	-13.940	99.304
577478.9	6291999.0	9200	7748	-0.045	3523.885	979574.291	-33.156	30.133	-10.926	-13.950	97.643
577519.8	6291998.1	9200	7752	-0.045	3523.998	979574.404	-33.044	29.871	-10.831	-14.004	96.795
577560.6	6291997.3	9200	7756	-0.046	3524.007	979574.413	-33.035	29.787	-10.801	-14.049	96.523
577602.8	6291998.3	9200	7760	-0.046	3523.830	979574.236	-33.211	30.006	-10.880	-14.085	97.232
577638.4	6291998.4	9200	7764	-0.046	3523.764	979574.170	-33.277	30.057	-10.899	-14.118	97.399
577679.9	6291998.9	9200	7768	-0.046	3524.466	979574.872	-32.574	29.052	-10.534	-14.056	94.142
577717.3	6291998.6	9200	7772	-0.047	3524.414	979574.820	-32.626	29.060	-10.537	-14.103	94.167
577756.4	6291999.2	9200	7776	-0.047	3524.197	979574.603	-32.842	29.311	-10.628	-14.160	94.981
577798.0	6291998.5	9200	7780	-0.047	3523.920	979574.326	-33.119	29.654	-10.753	-14.218	96.092
577839.8	6291999.2	9200	7784	-0.047	3524.033	979574.439	-33.006	29.514	-10.702	-14.194	95.639
577879.4	6291999.0	9200	7788	-0.048	3523.644	979574.050	-33.395	29.974	-10.869	-14.290	97.129
577921.4	6291998.8	9200	7792	-0.048	3522.910	979573.316	-34.129	30.841	-11.183	-14.470	99.939
578038.2	6291998.7	9200	7804	-0.024	3524.808	979575.214	-32.230	28.344	-10.278	-14.163	91.848
578077.7	6291997.9	9200	7808	-0.023	3525.000	979575.406	-32.039	28.039	-10.167	-14.167	90.859
578118.9	6291997.8	9200	7812	-0.023	3525.166	979575.572	-31.872	27.814	-10.086	-14.144	90.130
578160.2	6291997.9	9200	7816	-0.023	3525.101	979575.507	-31.937	27.961	-10.139	-14.115	90.606
578196.9	6291998.4	9200	7820	-0.023	3524.980	979575.386	-32.057	28.201	-10.226	-14.082	91.385
578242.3	6292000.4	9200	7824	-0.024	3524.829	979575.235	-32.207	28.357	-10.282	-14.132	91.888
577200.5	6292200.5	9220	7720	-0.043	3524.010	979574.416	-32.882	30.225	-10.960	-13.617	97.941
577240.4	6292196.8	9220	7724	-0.041	3523.971	979574.377	-32.923	30.230	-10.962	-13.654	97.960
577280.2	6292199.2	9220	7728	-0.041	3523.696	979574.102	-33.196	30.520	-11.067	-13.743	98.898
577318.2	6292199.1	9220	7732	-0.041	3523.250	979573.656	-33.642	31.007	-11.243	-13.878	100.477
577357.8	6292198.5	9220	7736	-0.042	3523.097	979573.503	-33.795	31.177	-11.305	-13.923	101.028
577399.0	6292198.3	9220	7740	-0.042	3523.054	979573.460	-33.838	31.249	-11.331	-13.921	101.259
577437.8	6292200.0	9220	7744	-0.042	3523.206	979573.612	-33.685	31.037	-11.254	-13.902	100.574
577479.0	6292200.0	9220	7748	-0.042	3523.682	979574.088	-33.208	30.365	-11.011	-13.854	98.397
577519.2	6292199.8	9220	7752	-0.043	3523.986	979574.392	-32.904	29.976	-10.869	-13.798	97.135
577558.7	6292198.1	9220	7756	-0.018	3524.193	979574.599	-32.698	29.706	-10.772	-13.764	96.261
577599.7	6292197.7	9220	7760	-0.018	3524.141	979574.547	-32.750	29.834	-10.818	-13.734	96.675
577640.7	6292198.4	9220	7764	-0.018	3524.457	979574.863	-32.434	29.488	-10.693	-13.638	95.555
577680.4	6292198.6	9220	7768	-0.018	3524.781	979575.187	-32.109	29.133	-10.564	-13.540	94.403
577720.2	6292197.5	9220	7772	-0.019	3524.778	979575.184	-32.113	29.153	-10.571	-13.531	94.467
577759.8	6292197.5	9220	7776	-0.019	3524.806	979575.212	-32.085	29.127	-10.562	-13.519	94.384
577802.3	6292197.7	9220	7780	-0.019	3524.669	979575.075	-32.221	29.214	-10.593	-13.601	94.665
577842.1	6292197.4	9220	7784	-0.019	3524.448	979574.854	-32.442	29.411	-10.664	-13.696	95.304
577876.5	6292197.5	9220	7788	-0.019	3524.428	979574.834	-32.462	29.345	-10.641	-13.758	95.091
577921.8	6292197.2	9220	7792	-0.020	3524.554	979574.960	-32.336	29.023	-10.524	-13.837	94.047
577960.6	6292197.2	9220	7796	-0.020	3524.898	979575.304	-31.992	28.453	-10.317	-13.856	92.200
578001.5	6292197.3	9220	7800	-0.020	3524.990	979575.396	-31.899	28.220	-10.233	-13.912	91.445
578039.8	6292197.2	9220	7804	-0.020	3525.068	979575.474	-31.821	28.051	-10.171	-13.942	90.897
578082.4	6292198.3	9220	7808	-0.021	3524.940	979575.346	-31.948	28.168	-10.214	-13.994	91.278
578120.9	6292196.6	9220	7812	-0.021	3524.948	979575.354	-31.941	28.139	-10.203	-14.005	91.183
578163.3	6292197.1	9220	7816	-0.021	3525.102	979575.508	-31.786	27.933	-10.128	-13.982	90.514
578200.3	6292197.2	9220	7820	-0.021	3525.032	979575.438	-31.856	28.073	-10.180	-13.962	90.970
578238.9	6292197.7	9220	7824	-0.021	3525.049	979575.455	-31.838	28.074	-10.180	-13.944	90.971
578280.2	6292197.8	9220	7828	-0.022	3525.493	979575.899	-31.394	27.522	-9.980	-13.852	89.184
578316.7	6292198.3	9220	7832	-0.022	3525.689	979576.095	-31.198	27.273	-9.889	-13.814	88.377
578359.0	6292198.3	9220	7836	-0.022	3525.847	979576.253	-31.039	27.138	-9.840	-13.741	87.940
578401.5	6292199.7	9220	7840	-0.025	3526.071	979576.477	-30.814	27.037	-9.804	-13.581	87.611
578436.3	6292197.2	9220	7844	-0.025	3526.654	979577.060	-30.233	26.318	-9.543	-13.458	85.282
578480.2	6292196.8	9220	7848	-0.026	3526.462	979576.868	-30.425	26.566	-9.633	-13.492	86.084
577240.6	6292398.1	9240	7724	-0.040	3523.385	979573.791	-33.358	31.003	-11.242	-13.597	100.462
577281.7	6292397.6	9240	7728	-0.040	3523.228	979573.634	-33.515	31.312	-11.354	-13.557	101.464
577323.0	6292398.8	9240	7732	-0.039	3523.153	979573.559	-33.589	31.444	-11.402	-13.547	101.892
577360.5	6292397.1	9240	7736	-0.039	3523.068	979573.474	-33.675	31.584	-11.452	-13.544	102.346
577400.8	6292397.4	9240	7740	-0.039	3523.267	979573.673	-33.476	31.330	-11.361	-13.506	101.524
577440.3	6292398.2	9240	7744	-0.039	3523.428	979573.834	-33.314	31.097	-11.276	-13.493	100.767
577479.3	6292397.7	9240	7748	-0.038	3523.575	979573.981	-33.167	30.889	-11.200	-13.479	100.093
577518.6	6292396.9	9240	7752	-0.038	3523.775	979574.181	-32.967	30.578	-11.088	-13.477	99.086
577559.3	6292397.4	9240	7756	-0.038	3524.076	979574.482	-32.666	30.167	-10.939	-13.437	97.755
577599.6	6292397.1	9240	7760	-0.037	3524.325	979574.731	-32.417	29.776	-10.797	-13.438	96.488
577639.1	6292395.1	9240	7764	-0.037	3524.590	979574.996	-32.153	29.321	-10.632	-13.464	95.014
577678.6	6292398.5	9240	7768	-0.013	3524.980	979575.386	-31.760	28.764	-10.430	-13.426	93.208
577717.6	6292397.8	9240	7772	-0.012	3525.287	979575.693	-31.454	28.281	-10.255	-13.428	91.642
577757.7	6292398.2	9240	7776	-0.012	3525.511	979575.917	-31.229	27.980	-10.145	-13.395	90.666
577798.0	6292398.3	9240	7780	-0.012	3525.673	979576.079	-31.067	27.799	-10.080	-13.348	90.080
577837.5	6292398.3	9240	7784	-0.012	3525.655	979576.061	-31.085	27.878	-10.109	-13.316	90.336
577876.2	6292397.9	9240	7788	-0.011	3525.437	979575.843	-31.303	28.245	-10.242	-13.299	91.527
577920.4	6292398.8	9240	7792	-0.011	3525.714	979576.120	-31.025	27.793	-10.078	-13.309	90.063
577958.1	6292399.0	9240	7796	-0.011	3525.350	979575.756	-31.388	28.164	-10.212	-13.437	91.263
577998.2	6292399.9	9240	7800	-0.011	3524.679	979575.085	-32.058	28.921	-10.487	-13.624	93.718
578037.2	6292398.8	9240	7804	-0.011	3524.838	979575.244	-31.900	28.633	-10.382	-13.650	92.783
578078.0	6292399.0	9240	7808	-0.010	3524.842	979575.248	-31.895	28.512	-10.338	-13.722	92.390
578120.7	6292398.5	9240	7812	-0.010	3524.695	979575.101	-32.043	28.628	-10.381	-13.795	92.767
578155.6	6292396.2	9240	7816	-0.010	3524.321	979574.727	-32.418	29.071	-10.541	-13.889	94.202
578200.7	6292396.9	9240	7820	-0.010	3523.530	979573.936	-33.208	30.111	-10.918	-14.016	97.572
578236.3	6292398.2	9240	7824	-0.009	3523.254	979573.660	-33.483	30.469	-11.048	-14.062	98.732

578279.5	6292399.1	9240	7828	-0.009	3524.325	979574.731	-32.411	29.220	-10.595	-13.786	94.686
578318.4	6292398.0	9240	7832	-0.009	3525.133	979575.539	-31.604	28.338	-10.276	-13.541	91.829
578358.8	6292398.1	9240	7836	-0.008	3525.607	979576.013	-31.129	27.822	-10.088	-13.396	90.156
578398.9	6292399.3	9240	7840	-0.008	3525.698	979576.104	-31.037	27.658	-10.029	-13.408	89.624
578441.0	6292398.5	9240	7844	-0.008	3525.750	979576.156	-30.986	27.616	-10.014	-13.384	89.487
578478.0	6292397.7	9240	7848	-0.008	3525.740	979576.146	-30.996	27.539	-9.986	-13.443	89.239
578519.8	6292397.5	9240	7852	-0.007	3525.781	979576.187	-30.955	27.424	-9.944	-13.475	88.865
578561.0	6292397.8	9240	7856	-0.007	3525.809	979576.215	-30.926	27.306	-9.901	-13.522	88.482
578598.1	6292399.1	9240	7860	-0.007	3526.171	979576.577	-30.563	26.773	-9.708	-13.499	86.755
578638.5	6292398.7	9240	7864	-0.007	3526.619	979577.025	-30.115	26.043	-9.443	-13.515	84.392
578676.8	6292397.9	9240	7868	-0.006	3526.798	979577.204	-29.937	25.706	-9.321	-13.552	83.300
578720.8	6292398.3	9240	7872	-0.006	3526.896	979577.302	-29.838	25.506	-9.249	-13.580	82.651
578758.3	6292398.8	9240	7876	-0.054	3526.969	979577.375	-29.765	25.440	-9.225	-13.549	82.436
577399.8	6292598.3	9260	7740	-0.033	3523.615	979574.021	-32.977	30.612	-11.100	-13.465	99.197
577438.6	6292598.3	9260	7744	-0.034	3523.997	979574.403	-32.595	30.166	-10.938	-13.367	97.751
577480.0	6292601.2	9260	7748	-0.034	3524.381	979574.787	-32.209	29.767	-10.794	-13.235	96.458
577518.9	6292596.9	9260	7752	-0.034	3524.689	979575.095	-31.903	29.406	-10.663	-13.160	95.289
577559.6	6292597.2	9260	7756	-0.035	3524.929	979575.335	-31.663	29.120	-10.559	-13.102	94.363
577598.5	6292599.4	9260	7760	-0.035	3525.018	979575.424	-31.572	29.043	-10.531	-13.060	94.111
577636.3	6292599.5	9260	7764	-0.035	3525.262	979575.668	-31.328	28.822	-10.451	-12.957	93.396
577677.3	6292600.1	9260	7768	-0.035	3525.198	979575.604	-31.391	28.995	-10.514	-12.910	93.955
577718.7	6292598.3	9260	7772	-0.036	3525.247	979575.653	-31.343	28.968	-10.504	-12.879	93.870
577760.4	6292600.0	9260	7776	-0.036	3525.348	979575.754	-31.241	28.895	-10.477	-12.823	93.632
577800.7	6292599.1	9260	7780	-0.036	3524.923	979575.329	-31.666	29.486	-10.692	-12.872	95.548
577840.5	6292595.1	9260	7784	-0.013	3525.189	979575.595	-31.403	29.179	-10.580	-12.804	94.552
577879.9	6292598.1	9260	7788	-0.014	3524.746	979575.152	-31.843	29.649	-10.751	-12.945	96.075
577918.4	6292596.9	9260	7792	-0.014	3524.338	979574.744	-32.252	30.064	-10.901	-13.090	97.420
577959.3	6292597.4	9260	7796	-0.014	3524.856	979575.262	-31.733	29.247	-10.605	-13.092	94.772
578001.6	6292598.5	9260	7800	-0.014	3525.333	979575.739	-31.255	28.539	-10.348	-13.065	92.478
578042.4	6292598.2	9260	7804	-0.015	3525.285	979575.691	-31.303	28.557	-10.355	-13.101	92.537
578081.1	6292597.6	9260	7808	-0.015	3524.985	979575.391	-31.604	28.928	-10.489	-13.165	93.738
578119.1	6292596.9	9260	7812	-0.015	3524.555	979574.961	-32.034	29.463	-10.683	-13.254	95.472
578161.2	6292598.2	9260	7816	-0.015	3524.680	979575.086	-31.908	29.313	-10.629	-13.224	94.986
578199.8	6292593.3	9260	7820	-0.016	3524.626	979575.032	-31.965	29.373	-10.651	-13.243	95.183
578237.6	6292601.9	9260	7824	-0.016	3524.299	979574.705	-32.285	29.740	-10.784	-13.329	96.371
578280.3	6292598.5	9260	7828	-0.016	3524.381	979574.787	-32.206	29.555	-10.717	-13.368	95.770
578321.8	6292596.3	9260	7832	-0.016	3525.272	979575.678	-31.316	28.373	-10.288	-13.231	91.940
578359.4	6292596.4	9260	7836	-0.017	3525.675	979576.081	-30.913	27.803	-10.081	-13.191	90.094
579400.6	6292599.5	9260	7940	-0.055	3528.598	979579.004	-27.981	23.698	-8.593	-12.876	76.793
577560.4	6292796.7	9280	7756	-0.033	3524.040	979574.446	-32.402	30.423	-11.031	-13.011	98.583
577601.0	6292799.1	9280	7760	-0.032	3524.198	979574.604	-32.242	30.275	-10.978	-12.945	98.103
577641.6	6292796.9	9280	7764	-0.032	3524.701	979575.107	-31.741	29.659	-10.754	-12.836	96.107
577680.4	6292797.2	9280	7768	-0.032	3525.061	979575.467	-31.380	29.243	-10.604	-12.741	94.760
577721.0	6292798.2	9280	7772	-0.032	3524.905	979575.311	-31.535	29.402	-10.661	-12.794	95.277
577759.5	6292798.0	9280	7776	-0.031	3524.650	979575.056	-31.790	29.583	-10.727	-12.934	95.861
577798.8	6292798.0	9280	7780	-0.031	3524.181	979574.587	-32.259	30.065	-10.902	-13.095	97.425
577839.2	6292798.6	9280	7784	-0.031	3523.941	979574.347	-32.498	30.323	-10.995	-13.171	98.259
579079.0	6292998.8	9300	7908	-0.004	3526.219	979576.625	-30.062	26.920	-9.761	-12.904	87.232
579118.7	6292999.3	9300	7912	-0.004	3526.768	979577.174	-29.513	26.147	-9.481	-12.847	84.728
579161.3	6292998.5	9300	7916	-0.004	3527.221	979577.627	-29.060	25.527	-9.256	-12.789	82.719
579199.2	6292998.1	9300	7920	-0.004	3527.404	979577.810	-28.877	25.171	-9.127	-12.833	81.566
579236.8	6292998.5	9300	7924	-0.003	3527.516	979577.922	-28.765	24.947	-9.046	-12.864	80.839
579276.7	6292998.4	9300	7928	-0.003	3527.570	979577.976	-28.710	24.826	-9.002	-12.887	80.447
579318.5	6292998.7	9300	7932	-0.003	3527.533	979577.939	-28.747	24.840	-9.007	-12.914	80.491
579358.1	6292999.5	9300	7936	-0.003	3527.408	979577.814	-28.871	24.963	-9.052	-12.960	80.891
579398.2	6293198.4	9320	7940	-0.002	3527.771	979578.177	-28.359	24.731	-8.967	-12.596	80.138
579401.2	6293398.5	9340	7940	-0.057	3526.458	979576.864	-29.522	26.726	-9.691	-12.487	86.603
D225											
579663.9	6291472.4	0	2401	+0.000	3523.972	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.006	3523.972	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	+0.012	3523.978	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.006	3523.966	979574.164	-33.665	30.862	-11.191	-13.993	100.007
578719.9	6291196.7	9120	7872	+0.012	3526.274	979576.460	-31.581	27.740	-10.059	-13.900	89.889
578760.5	6291197.0	9120	7876	+0.011	3526.378	979576.564	-31.477	27.602	-10.009	-13.884	89.442
578800.0	6291197.0	9120	7880	+0.011	3526.422	979576.608	-31.433	27.487	-9.967	-13.912	89.071
578839.9	6291197.8	9120	7884	+0.011	3526.385	979576.571	-31.469	27.487	-9.967	-13.949	89.069
578881.1	6291198.6	9120	7888	+0.011	3526.341	979576.527	-31.512	27.610	-10.011	-13.914	89.468
578920.0	6291198.4	9120	7892	+0.011	3526.188	979576.374	-31.665	27.871	-10.106	-13.900	90.315
578959.4	6291196.1	9120	7896	+0.011	3525.968	979576.154	-31.886	28.223	-10.234	-13.897	91.456
578996.2	6291190.8	9120	7900	+0.011	3525.846	979576.032	-32.012	28.517	-10.341	-13.835	92.409
579039.5	6291197.1	9120	7904	+0.011	3526.202	979576.388	-31.651	28.099	-10.189	-13.741	91.052
579078.9	6291197.4	9120	7908	+0.011	3526.350	979576.536	-31.503	27.861	-10.103	-13.744	90.282
579117.3	6291198.6	9120	7912	+0.011	3526.143	979576.329	-31.709	28.119	-10.196	-13.786	91.117
578358.4	6291397.4	9140	7836	+0.009	3526.357	979576.543	-31.350	26.886	-9.749	-14.214	87.121
578398.1	6291399.2	9140	7840	+0.009	3526.490	979576.676	-31.216	26.792	-9.715	-14.139	86.818
578436.5	6291398.1	9140	7844	+0.009	3526.454	979576.640	-31.252	26.924	-9.763	-14.091	87.246
578478.6	6291397.9	9140	7848	+0.010	3526.432	979576.618	-31.274	27.085	-9.821	-14.010	87.767
578522.8	6291399.2	9140	7852	+0.010	3526.383	979576.569	-31.322	27.378	-9.928	-13.871	88.718
578559.1	6291398.8	9140	7856	+0.010	3526.339	979576.525	-31.366	27.625	-10.017	-13.758	89.518
578599.3	6291398.3	9140	7860	+0.010	3526.225	979576.411	-31.480	27.891	-10.113	-13.702	90.380
578639.0	6291398.3	9140	7864	+0.010	3526.206	979576.392	-31.499	27.998	-10.152	-13.653	90.726
578680.6	6291398.1	9140	7868	+0.010	3526.307	979576.493	-31.398	27.984	-10.147	-13.561	90.680
578720.9	6291398.1	9140	7872	+0.010	3526.392	979576.578	-31.312	27.884	-10.111	-13.539	90.355
578756.5	6291397.8	9140	7876	+0.010	3526.511	979576.697	-31.193	27.745	-10.061	-13.509	89.907
578799.0	6291397.6	9140	7880	+0.010	3526.588	979576.774	-31.116	27.601	-10.008	-13.523	89.440

578840.6	6291398.4	9140	7884	+0.010	3526.529	979576.715	-31.174	27.557	-9.992	-13.610	89.296
578880.2	6291398.2	9140	7888	+0.010	3526.504	979576.690	-31.199	27.480	-9.964	-13.684	89.046
578918.1	6291398.2	9140	7892	+0.010	3526.465	979576.651	-31.237	27.558	-9.993	-13.672	89.299
578960.9	6291398.5	9140	7896	+0.010	3526.328	979576.514	-31.375	27.752	-10.063	-13.685	89.930
578998.2	6291395.7	9140	7900	+0.010	3526.133	979576.319	-31.572	28.027	-10.163	-13.707	90.820
579122.1	6291416.2	9140	7912	+0.011	3525.657	979575.843	-32.031	28.620	-10.378	-13.789	92.741
579160.4	6291398.1	9140	7916	+0.011	3525.448	979575.634	-32.254	28.865	-10.467	-13.855	93.535
577959.0	6291597.1	9160	7796	+0.012	3526.180	979576.366	-31.380	26.793	-9.715	-14.302	86.821
578001.9	6291597.2	9160	7800	+0.009	3526.059	979576.245	-31.500	26.919	-9.761	-14.342	87.229
578042.8	6291598.2	9160	7804	+0.009	3526.118	979576.304	-31.440	26.911	-9.758	-14.287	87.205
578082.8	6291598.4	9160	7808	+0.009	3526.095	979576.281	-31.463	26.960	-9.776	-14.279	87.361
578117.7	6291597.9	9160	7812	+0.009	3526.062	979576.248	-31.496	27.040	-9.805	-14.261	87.623
578159.2	6291598.0	9160	7816	+0.009	3526.127	979576.313	-31.431	27.039	-9.805	-14.196	87.619
578202.7	6291598.3	9160	7820	+0.009	3526.174	979576.360	-31.383	26.998	-9.790	-14.175	87.485
578242.5	6291599.7	9160	7824	+0.008	3526.140	979576.326	-31.416	27.061	-9.812	-14.168	87.689
578280.1	6291597.4	9160	7828	+0.008	3526.110	979576.296	-31.448	27.097	-9.826	-14.176	87.807
578321.8	6291597.6	9160	7832	+0.008	3526.017	979576.203	-31.540	27.165	-9.850	-14.226	88.025
578358.8	6291598.5	9160	7836	+0.008	3525.954	979576.140	-31.602	27.251	-9.881	-14.232	88.306
578398.0	6291598.9	9160	7840	+0.008	3525.909	979576.095	-31.647	27.266	-9.887	-14.267	88.355
578441.4	6291599.0	9160	7844	+0.008	3525.861	979576.047	-31.695	27.308	-9.902	-14.289	88.490
578480.4	6291598.1	9160	7848	+0.008	3525.819	979576.005	-31.737	27.440	-9.950	-14.247	88.918
578520.8	6291596.4	9160	7852	+0.008	3525.815	979576.001	-31.742	27.574	-9.999	-14.166	89.353
578560.7	6291598.7	9160	7856	+0.008	3525.822	979576.008	-31.733	27.709	-10.047	-14.072	89.788
578601.7	6291597.9	9160	7860	+0.008	3525.897	979576.083	-31.658	27.716	-10.050	-13.992	89.812
578638.8	6291598.4	9160	7864	+0.008	3525.985	979576.171	-31.570	27.659	-10.029	-13.940	89.628
578679.9	6291599.0	9160	7868	+0.008	3525.955	979576.141	-31.599	27.806	-10.082	-13.876	90.103
578721.9	6291596.6	9160	7872	+0.008	3526.068	979576.254	-31.488	27.774	-10.071	-13.785	90.000
578760.4	6291597.6	9160	7876	+0.008	3526.421	979576.607	-31.134	27.437	-9.949	-13.646	88.907
578800.6	6291598.4	9160	7880	+0.007	3526.892	979577.078	-30.662	26.997	-9.789	-13.454	87.483
578837.9	6291598.7	9160	7884	+0.007	3526.992	979577.178	-30.561	26.960	-9.776	-13.377	87.361
578877.2	6291598.2	9160	7888	+0.007	3526.783	979576.969	-30.770	27.246	-9.880	-13.404	88.289
578918.4	6291598.0	9160	7892	+0.007	3526.655	979576.841	-30.898	27.428	-9.946	-13.415	88.880
578957.6	6291598.7	9160	7896	+0.007	3526.682	979576.868	-30.870	27.407	-9.938	-13.401	88.812
579000.6	6291598.3	9160	7900	+0.007	3526.853	979577.039	-30.700	27.252	-9.882	-13.330	88.307
579038.8	6291597.8	9160	7904	+0.007	3526.736	979576.922	-30.817	27.381	-9.928	-13.364	88.726
579078.2	6291596.3	9160	7908	+0.007	3526.384	979576.570	-31.170	27.838	-10.094	-13.426	90.207
579113.4	6291595.9	9160	7912	+0.007	3526.116	979576.302	-31.438	28.224	-10.234	-13.448	91.459
578116.9	6291798.9	9180	7812	+0.004	3525.516	979575.702	-31.891	27.780	-10.073	-14.185	90.018
578158.5	6291796.1	9180	7816	+0.004	3525.307	979575.493	-32.102	28.067	-10.177	-14.213	90.949
578204.0	6291829.0	9180	7820	+0.004	3525.354	979575.540	-32.030	27.988	-10.149	-14.191	90.693
578244.1	6291805.9	9180	7824	+0.004	3525.388	979575.574	-32.013	27.952	-10.136	-14.197	90.578
578279.8	6291798.8	9180	7828	+0.005	3525.700	979575.886	-31.706	27.564	-9.995	-14.138	89.318
578318.5	6291798.2	9180	7832	+0.005	3525.988	979576.174	-31.419	27.143	-9.842	-14.118	87.955
578356.7	6291797.4	9180	7836	+0.005	3526.079	979576.265	-31.328	26.941	-9.769	-14.156	87.301
578399.6	6291798.9	9180	7840	+0.005	3525.887	979576.073	-31.519	27.073	-9.817	-14.262	87.729
578436.3	6291799.6	9180	7844	+0.005	3525.631	979575.817	-31.774	27.400	-9.935	-14.309	88.787
578478.1	6291799.7	9180	7848	+0.005	3525.380	979575.566	-32.025	27.794	-10.078	-14.309	90.066
578518.3	6291798.4	9180	7852	+0.005	3525.258	979575.444	-32.147	28.044	-10.169	-14.272	90.875
578556.4	6291798.9	9180	7856	+0.005	3525.183	979575.369	-32.222	28.190	-10.222	-14.254	91.347
578599.0	6291800.2	9180	7860	+0.005	3525.380	979575.566	-32.024	27.991	-10.150	-14.182	90.704
578641.5	6291800.5	9180	7864	+0.005	3525.804	979575.990	-31.599	27.541	-9.986	-14.045	89.244
578677.7	6291797.8	9180	7868	+0.006	3526.265	979576.451	-31.140	27.038	-9.804	-13.906	87.615
578719.4	6291797.0	9180	7872	+0.006	3526.874	979577.060	-30.531	26.429	-9.583	-13.686	85.640
578763.1	6291799.0	9180	7876	+0.006	3527.114	979577.300	-30.290	26.245	-9.517	-13.561	85.046
578799.6	6291797.6	9180	7880	+0.006	3526.903	979577.089	-30.501	26.597	-9.644	-13.549	86.185
578844.9	6291798.7	9180	7884	+0.006	3526.745	979576.931	-30.658	26.873	-9.744	-13.529	87.081
578880.1	6291798.2	9180	7888	+0.006	3526.690	979576.876	-30.713	26.928	-9.764	-13.550	87.257
578918.3	6291800.2	9180	7892	+0.006	3526.747	979576.933	-30.655	26.819	-9.725	-13.560	86.905
578958.5	6291800.2	9180	7896	+0.006	3526.659	979576.845	-30.742	26.936	-9.767	-13.573	87.285
578999.3	6291799.2	9180	7900	+0.006	3526.359	979576.545	-31.043	27.294	-9.897	-13.646	88.443
579038.4	6291799.0	9180	7904	+0.006	3526.164	979576.350	-31.238	27.568	-9.996	-13.666	89.332
579071.4	6291798.2	9180	7908	+0.006	3525.952	979576.138	-31.450	27.882	-10.110	-13.678	90.351
579197.9	6291798.5	9180	7920	+0.007	3526.012	979576.198	-31.389	27.884	-10.111	-13.615	90.358
579239.7	6291800.0	9180	7924	+0.007	3526.385	979576.571	-31.015	27.465	-9.959	-13.509	88.999
578242.3	6292000.5	9200	7824	+0.004	3525.036	979575.222	-32.219	28.366	-10.286	-14.139	91.919
578274.0	6292008.5	9200	7828	+0.004	3525.358	979575.544	-31.891	27.890	-10.113	-14.114	90.376
578319.1	6291997.3	9200	7832	+0.004	3525.533	979575.719	-31.724	27.682	-10.038	-14.080	89.701
578360.9	6291997.7	9200	7836	+0.004	3526.030	979576.216	-31.227	27.056	-9.810	-13.982	87.672
578400.6	6291997.7	9200	7840	+0.004	3526.367	979576.553	-30.890	26.600	-9.645	-13.935	86.195
578439.7	6291996.0	9200	7844	+0.003	3526.430	979576.616	-30.828	26.550	-9.627	-13.904	86.035
578479.8	6291997.3	9200	7848	+0.003	3526.199	979576.385	-31.057	26.896	-9.753	-13.914	87.156
578522.3	6291998.6	9200	7852	+0.003	3525.852	979576.038	-31.403	27.400	-9.935	-13.938	88.788
578558.5	6291999.7	9200	7856	+0.003	3525.539	979575.725	-31.715	27.843	-10.096	-13.968	90.223
578597.9	6291997.7	9200	7860	+0.003	3525.316	979575.502	-31.939	28.130	-10.200	-14.010	91.153
578639.3	6291998.4	9200	7864	+0.003	3525.221	979575.407	-32.034	28.203	-10.227	-14.057	91.391
578678.7	6291995.9	9200	7868	+0.003	3525.127	979575.313	-32.129	28.251	-10.244	-14.122	91.545
578720.9	6291998.1	9200	7872	+0.003	3525.185	979575.371	-32.069	28.080	-10.182	-14.172	90.990
578758.6	6291997.7	9200	7876	+0.003	3525.302	979575.488	-31.952	27.870	-10.106	-14.188	90.310
578797.4	6291995.1	9200	7880	+0.003	3525.665	979575.851	-31.591	27.418	-9.942	-14.115	88.847
578839.1	6291998.9	9200	7884	+0.003	3526.166	979576.352	-31.087	26.859	-9.739	-13.967	87.036
578876.6	6291997.3	9200	7888	+0.003	3526.211	979576.397	-31.043	26.815	-9.723	-13.951	86.893
578917.0	6291996.8	9200	7892	+0.003	3526.173	979576.359	-31.081	26.921	-9.762	-13.922	87.235
578961.7	6292019.8	9200	7896	+0.003	3525.939	979576.125	-31.298	27.244	-9.879	-13.932	88.284
578995.4	6292003.8	9200	7900	+0.002	3525.845	979576.031	-31.403	27.447	-9.952	-13.909	88.941
579040.3	6292001.8	9200	7904	+0.002	3525.694	979575.880	-31.556	27.732	-10.056	-13.880	89.863

579079.0	6292013.3	9200	7908	+0.002	3525.392	979575.578	-31.849	28.165	-10.213	-13.897	91.266
579121.7	6291998.7	9200	7912	+0.002	3525.167	979575.353	-32.084	28.512	-10.339	-13.910	92.393
579157.9	6291996.2	9200	7916	+0.002	3524.960	979575.146	-32.293	28.803	-10.444	-13.934	93.335
579200.8	6291996.0	9200	7920	+0.002	3525.071	979575.257	-32.182	28.704	-10.408	-13.886	93.015
579238.9	6292000.9	9200	7924	+0.002	3525.445	979575.631	-31.804	28.269	-10.250	-13.786	91.603
579275.7	6291999.6	9200	7928	+0.002	3525.919	979576.105	-31.331	27.773	-10.071	-13.629	89.996
578480.4	6292196.8	9220	7848	+0.001	3526.636	979576.822	-30.471	26.567	-9.633	-13.537	86.089
578519.3	6292200.3	9220	7852	+0.001	3526.818	979577.004	-30.286	26.301	-9.537	-13.521	85.227
578559.6	6292199.4	9220	7856	+0.001	3526.798	979576.984	-30.306	26.266	-9.524	-13.564	85.114
578600.2	6292198.8	9220	7860	+0.001	3526.642	979576.828	-30.463	26.383	-9.567	-13.646	85.494
578640.6	6292198.3	9220	7864	+0.001	3526.515	979576.701	-30.590	26.424	-9.581	-13.747	85.625
578679.3	6292198.5	9220	7868	+0.001	3526.473	979576.659	-30.631	26.340	-9.551	-13.842	85.354
578722.4	6292198.1	9220	7872	+0.001	3526.492	979576.678	-30.612	26.229	-9.511	-13.894	84.992
578761.2	6292197.5	9220	7876	+0.001	3526.475	979576.661	-30.629	26.221	-9.508	-13.916	84.969
578798.8	6292199.1	9220	7880	+0.001	3526.453	979576.639	-30.650	26.271	-9.526	-13.905	85.130
578840.6	6292199.5	9220	7884	+0.002	3526.475	979576.661	-30.627	26.295	-9.535	-13.867	85.209
578880.8	6292197.6	9220	7888	+0.002	3526.646	979576.832	-30.458	26.131	-9.475	-13.802	84.675
578917.8	6292198.0	9220	7892	+0.002	3526.828	979577.014	-30.275	25.921	-9.399	-13.753	83.997
D226											
579663.9	6291472.4	0	2401	+0.000	3524.108	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.010	3524.108	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	+0.002	3524.118	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.006	3524.116	979574.164	-33.665	30.862	-11.191	-13.993	100.007
576801.1	6289597.3	8960	7680	+0.000	3522.271	979572.317	-36.936	31.218	-11.320	-17.038	101.159
576926.5	6289797.5	8980	7692	+0.000	3522.638	979572.684	-36.418	30.517	-11.066	-16.967	98.889
577041.8	6289988.5	9000	7704	+0.000	3522.589	979572.635	-36.323	30.425	-11.032	-16.931	98.589
577151.4	6290207.3	9020	7716	+0.000	3522.484	979572.530	-36.264	30.866	-11.192	-16.590	100.019
577279.3	6290398.9	9040	7728	+0.000	3524.021	979574.067	-34.582	28.932	-10.491	-16.141	93.751
582680.5	6290398.3	9040	8268	+0.001	3527.532	979577.578	-31.038	29.473	-10.687	-12.252	95.504
582719.4	6290398.1	9040	8272	+0.001	3527.381	979577.427	-31.189	29.795	-10.804	-12.198	96.548
582759.3	6290398.0	9040	8276	+0.001	3527.087	979577.133	-31.483	30.181	-10.944	-12.245	97.800
582798.6	6290397.7	9040	8280	+0.001	3526.845	979576.891	-31.725	30.573	-11.086	-12.237	99.071
582840.0	6290398.8	9040	8284	+0.001	3526.616	979576.662	-31.952	30.915	-11.210	-12.247	100.178
582878.9	6290398.5	9040	8288	+0.001	3526.413	979576.459	-32.155	31.193	-11.311	-12.273	101.078
582915.8	6290393.5	9040	8292	+0.001	3526.393	979576.439	-32.179	31.246	-11.330	-12.263	101.250
582966.1	6290413.4	9040	8296	+0.001	3526.252	979576.298	-32.305	31.445	-11.402	-12.261	101.897
582999.0	6290398.6	9040	8300	+0.001	3526.459	979576.505	-32.108	31.198	-11.313	-12.223	101.096
583037.8	6290397.7	9040	8304	+0.001	3526.753	979576.799	-31.815	30.896	-11.203	-12.122	100.117
583082.3	6290398.4	9040	8308	+0.001	3527.130	979577.176	-31.437	30.091	-10.911	-12.257	97.509
583117.3	6290399.5	9040	8312	+0.001	3527.363	979577.409	-31.203	30.223	-10.959	-11.939	97.937
583160.6	6290398.5	9040	8316	+0.001	3527.650	979577.696	-30.916	29.943	-10.857	-11.831	97.027
583197.7	6290396.5	9040	8320	+0.001	3527.868	979577.914	-30.700	29.806	-10.808	-11.702	96.584
583238.3	6290400.3	9040	8324	+0.001	3528.093	979578.139	-30.471	29.557	-10.718	-11.632	95.779
577395.6	6290599.0	9060	7740	+0.000	3524.755	979574.801	-33.697	28.769	-10.432	-15.360	93.223
582203.4	6290597.3	9060	8220	+0.001	3527.330	979577.376	-31.094	28.746	-10.423	-12.771	93.150
582242.7	6290599.1	9060	8224	+0.001	3527.310	979577.356	-31.112	28.791	-10.440	-12.761	93.296
582281.2	6290597.6	9060	8228	+0.001	3527.223	979577.269	-31.200	28.868	-10.468	-12.799	93.546
582320.0	6290598.3	9060	8232	+0.001	3527.000	979577.046	-31.422	29.124	-10.561	-12.858	94.376
582360.7	6290598.5	9060	8236	+0.001	3526.609	979576.655	-31.813	29.698	-10.769	-12.883	96.236
582399.2	6290598.7	9060	8240	+0.001	3526.161	979576.207	-32.260	30.359	-11.008	-12.909	98.378
583242.6	6290600.3	9060	8324	+0.001	3525.345	979575.391	-33.070	33.412	-12.115	-11.773	108.269
577513.7	6290802.0	9080	7752	+0.000	3524.621	979574.667	-33.678	29.298	-10.623	-15.004	94.937
582201.0	6290798.2	9080	8220	+0.001	3526.889	979576.935	-31.384	29.538	-10.710	-12.557	95.715
582237.4	6290799.1	9080	8224	+0.001	3526.884	979576.930	-31.388	29.656	-10.753	-12.485	96.098
582276.4	6290799.8	9080	8228	+0.001	3527.134	979577.180	-31.137	29.434	-10.673	-12.376	95.380
582316.1	6290798.8	9080	8232	+0.001	3527.242	979577.288	-31.030	29.231	-10.599	-12.398	94.720
582357.2	6290795.0	9080	8236	+0.001	3527.482	979577.528	-30.792	28.906	-10.481	-12.368	93.667
582401.4	6290790.8	9080	8240	+0.001	3527.765	979577.811	-30.512	28.524	-10.343	-12.331	92.430
582438.0	6290799.9	9080	8244	+0.001	3528.133	979578.179	-30.137	28.117	-10.196	-12.215	91.113
582481.4	6290799.1	9080	8248	+0.001	3528.297	979578.343	-29.973	28.031	-10.164	-12.106	90.833
582518.1	6290799.0	9080	8252	+0.001	3528.406	979578.452	-29.864	28.043	-10.169	-11.990	90.872
582558.8	6290798.4	9080	8256	+0.001	3528.599	979578.645	-29.671	27.997	-10.152	-11.826	90.721
582597.9	6290797.9	9080	8260	+0.001	3528.758	979578.804	-29.513	27.981	-10.146	-11.677	90.672
582637.1	6290799.1	9080	8264	+0.001	3528.702	979578.748	-29.567	28.187	-10.221	-11.601	91.339
582678.8	6290799.8	9080	8268	+0.001	3528.236	979578.282	-30.032	28.885	-10.474	-11.621	93.600
582718.9	6290798.9	9080	8272	+0.001	3528.168	979578.214	-30.101	29.044	-10.531	-11.588	94.115
582757.4	6290800.0	9080	8276	+0.001	3528.279	979578.325	-29.989	28.920	-10.486	-11.555	93.712
582795.8	6290798.8	9080	8280	+0.001	3528.322	979578.368	-29.946	28.906	-10.482	-11.522	93.669
582839.7	6290798.9	9080	8284	+0.001	3528.364	979578.410	-29.904	28.934	-10.492	-11.462	93.759
582878.4	6290799.4	9080	8288	+0.001	3528.246	979578.292	-30.021	29.193	-10.585	-11.414	94.597
582919.0	6290799.7	9080	8292	+0.001	3528.015	979578.061	-30.252	29.594	-10.731	-11.389	95.898
582959.6	6290798.9	9080	8296	+0.001	3527.643	979577.689	-30.624	30.240	-10.965	-11.350	97.990
582998.4	6290800.2	9080	8300	+0.001	3527.676	979577.722	-30.590	30.344	-11.003	-11.249	98.327
583042.0	6290801.5	9080	8304	+0.001	3527.461	979577.507	-30.804	30.717	-11.138	-11.225	99.538
583079.8	6290798.2	9080	8308	+0.001	3527.294	979577.340	-30.973	31.022	-11.249	-11.200	100.524
583120.2	6290799.1	9080	8312	+0.001	3527.018	979577.064	-31.248	31.407	-11.388	-11.230	101.771
583160.8	6290799.0	9080	8316	+0.001	3526.582	979576.628	-31.684	32.013	-11.608	-11.279	103.737
583197.0	6290782.8	9080	8320	+0.001	3526.284	979576.330	-31.994	32.415	-11.754	-11.332	105.040
583244.6	6290800.0	9080	8324	+0.001	3526.099	979576.145	-32.166	32.765	-11.881	-11.281	106.174
582199.6	6290996.8	9100	8220	+0.002	3527.464	979577.510	-30.660	28.952	-10.498	-12.206	93.816
582239.6	6290997.4	9100	8224	+0.002	3527.620	979577.666	-30.503	28.756	-10.427	-12.174	93.182
582279.8	6290997.9	9100	8228	+0.002	3527.753	979577.799	-30.369	28.644	-10.386	-12.112	92.819
582318.8	6291000.2	9100	8232	+0.002	3527.918	979577.964	-30.202	28.481	-10.327	-12.049	92.292
582364.7	6290996.2	9100	8236	+0.002	3528.243	979578.289	-29.880	28.107	-10.192	-11.965	91.078
582400.4	6290997.6	9100	8240	+0.002	3528.293	979578.339	-29.829	28.109	-10.192	-11.912	91.086

582438.7	6290998.7	9100	8244	+0.002	3528.370	979578.416	-29.751	28.124	-10.198	-11.825	91.134
582479.8	6290997.7	9100	8248	+0.002	3528.588	979578.634	-29.533	28.029	-10.163	-11.668	90.825
582522.2	6290998.8	9100	8252	+0.002	3528.622	979578.668	-29.498	28.072	-10.179	-11.605	90.966
582559.8	6290997.3	9100	8256	+0.001	3528.558	979578.604	-29.563	28.216	-10.231	-11.579	91.431
582598.6	6290995.3	9100	8260	+0.001	3528.520	979578.566	-29.602	28.343	-10.277	-11.537	91.844
582640.1	6290997.7	9100	8264	+0.001	3528.371	979578.417	-29.749	28.698	-10.406	-11.457	92.994
582682.0	6290999.4	9100	8268	+0.001	3528.120	979578.166	-29.999	29.142	-10.567	-11.424	94.433
582719.4	6290996.9	9100	8272	+0.001	3527.845	979577.891	-30.275	29.540	-10.711	-11.447	95.721
582760.2	6290999.1	9100	8276	+0.001	3527.407	979577.453	-30.712	30.145	-10.931	-11.497	97.683
582797.9	6290999.8	9100	8280	+0.001	3526.976	979577.022	-31.142	30.713	-11.137	-11.565	99.524
582837.0	6290983.5	9100	8284	+0.001	3526.815	979576.861	-31.315	30.952	-11.223	-11.586	100.298
582879.6	6291013.1	9100	8288	+0.001	3526.136	979576.182	-31.971	31.963	-11.590	-11.598	103.575
582918.2	6290998.8	9100	8292	+0.001	3526.231	979576.277	-31.887	31.936	-11.580	-11.531	103.487
582960.8	6290997.9	9100	8296	+0.001	3526.565	979576.611	-31.553	31.653	-11.478	-11.377	102.571
582999.7	6290997.4	9100	8300	+0.001	3526.882	979576.928	-31.236	31.380	-11.379	-11.235	101.686
583038.8	6290997.5	9100	8304	+0.001	3527.405	979577.451	-30.713	30.883	-11.198	-11.028	100.075
583079.7	6290997.0	9100	8308	+0.001	3527.752	979577.798	-30.366	30.647	-11.113	-10.832	99.310
583119.1	6290997.9	9100	8312	+0.001	3527.790	979577.836	-30.327	30.747	-11.149	-10.729	99.634
583160.8	6290998.3	9100	8316	+0.001	3527.626	979577.672	-30.490	31.112	-11.281	-10.660	100.817
583200.3	6290998.2	9100	8320	+0.001	3527.310	979577.356	-30.806	31.690	-11.491	-10.607	102.690
583237.9	6290996.5	9100	8324	+0.001	3526.938	979576.984	-31.179	32.267	-11.700	-10.613	104.558
583275.3	6290983.9	9100	8328	+0.001	3526.511	979576.557	-31.615	32.793	-11.891	-10.713	106.264
578681.0	6291200.4	9120	8268	+0.000	3526.559	979576.605	-31.434	27.468	-9.960	-13.926	89.010
582196.5	6291196.2	9120	8220	+0.002	3525.773	979575.819	-32.201	31.438	-11.399	-12.163	101.872
582237.2	6291199.1	9120	8224	+0.002	3525.409	979575.455	-32.563	31.941	-11.582	-12.204	103.503
582279.8	6291198.7	9120	8228	+0.002	3525.296	979575.342	-32.676	32.109	-11.643	-12.210	104.047
582317.7	6291200.0	9120	8232	+0.002	3525.332	979575.378	-32.639	32.122	-11.648	-12.164	104.090
582359.5	6291199.2	9120	8236	+0.002	3525.355	979575.401	-32.616	32.177	-11.668	-12.106	104.268
582398.6	6291198.9	9120	8240	+0.002	3525.369	979575.415	-32.602	32.213	-11.681	-12.069	104.384
582437.5	6291199.8	9120	8244	+0.002	3525.514	979575.560	-32.456	32.126	-11.649	-11.979	104.101
582478.8	6291198.9	9120	8248	+0.002	3525.724	979575.770	-32.246	31.880	-11.560	-11.926	103.304
582518.6	6291199.4	9120	8252	+0.002	3525.804	979575.850	-32.166	31.801	-11.531	-11.896	103.050
582557.7	6291197.3	9120	8256	+0.002	3525.954	979576.000	-32.017	31.686	-11.490	-11.820	102.677
582597.6	6291189.9	9120	8260	+0.002	3526.116	979576.162	-31.860	31.522	-11.430	-11.769	102.144
582640.8	6291182.8	9120	8264	+0.002	3526.410	979576.456	-31.571	31.198	-11.313	-11.686	101.095
582679.0	6291169.0	9120	8268	+0.002	3526.584	979576.630	-31.408	31.066	-11.265	-11.606	100.669
582720.1	6291148.6	9120	8272	+0.002	3526.552	979576.598	-31.455	31.233	-11.325	-11.547	101.208
582761.8	6291127.7	9120	8276	+0.002	3526.530	979576.576	-31.492	31.359	-11.371	-11.504	101.618
582801.9	6291129.4	9120	8280	+0.002	3526.465	979576.511	-31.555	31.521	-11.430	-11.464	102.142
582839.9	6291131.7	9120	8284	+0.002	3526.573	979576.619	-31.445	31.450	-11.404	-11.399	101.912
582881.0	6291128.5	9120	8288	+0.002	3526.682	979576.728	-31.338	31.449	-11.403	-11.293	101.907
582918.0	6291122.7	9120	8292	+0.002	3526.933	979576.979	-31.092	31.249	-11.331	-11.174	101.259
582961.6	6291109.3	9120	8296	+0.002	3527.198	979577.244	-30.836	31.123	-11.285	-10.999	100.851
582999.3	6291197.5	9120	8300	+0.002	3526.114	979576.160	-31.854	32.860	-11.915	-10.909	106.481
583039.3	6291170.2	9120	8304	+0.002	3526.027	979576.073	-31.961	33.109	-12.005	-10.858	107.288
577839.1	6291399.8	9140	7784	+0.000	3525.313	979575.359	-32.535	27.963	-10.139	-14.712	90.611
578358.3	6291397.4	9140	7836	+0.000	3526.501	979576.547	-31.346	26.884	-9.748	-14.211	87.115
582557.7	6291398.1	9140	8256	+0.002	3527.772	979577.818	-30.048	29.664	-10.756	-11.140	96.125
582598.3	6291397.2	9140	8260	+0.002	3527.769	979577.815	-30.052	29.674	-10.760	-11.138	96.156
582638.3	6291398.6	9140	8264	+0.002	3527.856	979577.902	-29.964	29.524	-10.705	-11.145	95.670
582680.2	6291397.2	9140	8268	+0.002	3528.014	979578.060	-29.806	29.405	-10.662	-11.063	95.286
582719.6	6291398.6	9140	8272	+0.002	3527.567	979577.613	-30.252	30.055	-10.898	-11.095	97.393
582760.6	6291385.4	9140	8276	+0.002	3527.244	979577.290	-30.584	30.582	-11.089	-11.091	99.100
582797.8	6291358.1	9140	8280	+0.002	3527.192	979577.238	-30.657	30.767	-11.156	-11.046	99.699
578116.9	6291799.0	9180	7812	+0.002	3525.700	979575.746	-31.847	27.776	-10.072	-14.143	90.007
577478.9	6291999.1	9200	7748	+0.000	3524.208	979574.254	-33.193	30.135	-10.927	-13.985	97.652

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579663.9	6291472.4	0	2401	+0.000	3524.272	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.008	3524.272	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.001	3524.280	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.004	3524.281	979574.164	-33.665	30.862	-11.191	-13.993	100.007
577959.9	6291997.3	9200	7796	+0.000	3523.521	979573.405	-34.040	30.671	-11.121	-14.491	99.388
577996.1	6291999.6	9200	7800	+0.000	3524.185	979574.069	-33.375	29.789	-10.801	-14.388	96.528
578196.6	6291998.4	9200	7820	+0.000	3525.482	979575.366	-32.077	28.195	-10.223	-14.106	91.363
578917.7	6292198.4	9220	7892	-0.001	3527.169	979577.053	-30.236	25.825	-9.364	-13.775	83.683
578958.5	6292198.8	9220	7896	-0.001	3527.414	979577.298	-29.990	25.482	-9.240	-13.748	82.573
578999.5	6292199.1	9220	7900	-0.001	3527.662	979577.546	-29.742	25.213	-9.142	-13.671	81.700
579039.0	6292199.2	9220	7904	-0.001	3527.799	979577.683	-29.604	25.061	-9.087	-13.631	81.208
579078.6	6292197.9	9220	7908	-0.001	3527.890	979577.774	-29.514	24.933	-9.041	-13.622	80.795
579119.2	6292199.6	9220	7912	-0.001	3527.992	979577.876	-29.411	24.784	-8.987	-13.614	80.310
579159.1	6292199.5	9220	7916	-0.001	3528.028	979577.912	-29.374	24.728	-8.967	-13.613	80.131
579197.3	6292199.6	9220	7920	-0.001	3528.023	979577.907	-29.379	24.744	-8.972	-13.607	80.181
579239.3	6292198.7	9220	7924	-0.001	3528.000	979577.884	-29.402	24.828	-9.003	-13.577	80.455
579278.2	6292199.1	9220	7928	-0.001	3527.960	979577.844	-29.442	24.931	-9.040	-13.551	80.787
579319.0	6292197.5	9220	7932	-0.001	3527.923	979577.807	-29.480	25.093	-9.099	-13.486	81.312
578800.2	6292400.3	9240	7880	+0.000	3527.619	979577.503	-29.635	25.249	-9.156	-13.541	81.819
578838.2	6292401.2	9240	7884	+0.000	3527.728	979577.612	-29.525	25.093	-9.099	-13.531	81.313
578878.3	6292396.9	9240	7888	+0.000	3527.896	979577.780	-29.360	24.916	-9.035	-13.479	80.739
578923.0	6292398.8	9240	7892	+0.000	3527.954	979577.838	-29.301	24.826	-9.002	-13.477	80.446
578959.0	6292396.9	9240	7896	-0.001	3528.044	979577.928	-29.212	24.621	-8.928	-13.518	79.782
579002.6	6292393.6	9240	7900	-0.001	3528.233	979578.117	-29.025	24.358	-8.832	-13.499	78.931
579040.0	6292397.3	9240	7904	-0.001	3528.472	979578.356	-28.783	24.088	-8.735	-13.429	78.057
579079.9	6292397.3	9240	7908	-0.001	3528.665	979578.549	-28.590	23.850	-8.648	-13.388	77.285
579119.4	6292396.7	9240	7912	-0.001	3528.757	979578.641	-28.498	23.758	-8.615	-13.355	76.986
579160.2	6292397.0	9240	7916	-0.001	3528.865	979578.749	-28.389	23.668	-8.582	-13.303	76.695

579199.2	6292397.7	9240	7920	-0.001	3528.920	979578.804	-28.334	23.623	-8.566	-13.276	76.549
579241.3	6292397.5	9240	7924	-0.001	3528.958	979578.842	-28.295	23.573	-8.548	-13.270	76.388
579279.5	6292396.9	9240	7928	-0.001	3528.996	979578.880	-28.258	23.563	-8.544	-13.239	76.353
579320.4	6292397.4	9240	7932	-0.001	3529.072	979578.956	-28.181	23.492	-8.518	-13.207	76.125
579359.3	6292397.9	9240	7936	-0.001	3529.164	979579.048	-28.088	23.486	-8.516	-13.119	76.104
578399.3	6292599.9	9260	7840	+0.000	3526.431	979576.315	-30.676	27.525	-9.981	-13.131	89.194
578439.3	6292599.7	9260	7844	+0.000	3526.477	979576.361	-30.630	27.490	-9.968	-13.108	89.079
578480.2	6292600.6	9260	7848	+0.000	3526.505	979576.389	-30.601	27.511	-9.976	-13.065	89.149
578518.4	6292597.4	9260	7852	+0.000	3526.542	979576.426	-30.566	27.529	-9.982	-13.019	89.205
578559.8	6292599.0	9260	7856	+0.000	3526.569	979576.453	-30.537	27.600	-10.008	-12.945	89.437
578599.7	6292598.6	9260	7860	+0.000	3526.409	979576.293	-30.697	27.787	-10.076	-12.986	90.043
578639.1	6292598.5	9260	7864	+0.000	3526.568	979576.452	-30.538	27.464	-9.958	-13.033	88.994
578678.6	6292597.4	9260	7868	+0.000	3526.961	979576.845	-30.146	26.832	-9.729	-13.044	86.946
578718.9	6292599.3	9260	7872	+0.000	3527.312	979577.196	-29.793	26.226	-9.510	-13.077	84.984
578757.8	6292599.2	9260	7876	+0.000	3527.496	979577.380	-29.609	25.894	-9.389	-13.104	83.909
578799.0	6292598.5	9260	7880	+0.000	3527.682	979577.566	-29.423	25.580	-9.275	-13.119	82.889
578839.5	6292598.9	9260	7884	+0.000	3527.915	979577.799	-29.190	25.285	-9.168	-13.073	81.934
578880.7	6292599.4	9260	7888	+0.000	3528.083	979577.967	-29.021	25.037	-9.079	-13.063	81.132
578919.3	6292597.9	9260	7892	+0.000	3528.200	979578.084	-28.905	24.812	-8.997	-13.090	80.403
578958.2	6292598.0	9260	7896	+0.000	3528.271	979578.155	-28.834	24.646	-8.937	-13.125	79.864
579000.0	6292597.2	9260	7900	+0.000	3528.316	979578.200	-28.789	24.528	-8.894	-13.155	79.482
579038.9	6292597.3	9260	7904	+0.000	3528.295	979578.179	-28.810	24.518	-8.890	-13.182	79.450
579081.2	6292599.0	9260	7908	+0.000	3528.334	979578.218	-28.769	24.537	-8.897	-13.130	79.510
579118.7	6292597.9	9260	7912	+0.000	3528.309	979578.193	-28.795	24.573	-8.910	-13.132	79.627
579159.7	6292599.7	9260	7916	+0.000	3528.166	979578.050	-28.936	24.746	-8.973	-13.163	80.188
579193.9	6292594.7	9260	7920	+0.000	3528.063	979577.947	-29.043	24.873	-9.019	-13.189	80.601
579239.8	6292601.7	9260	7924	+0.000	3527.838	979577.722	-29.262	25.205	-9.140	-13.197	81.676
579282.0	6292598.6	9260	7928	+0.000	3528.094	979577.978	-29.008	24.944	-9.045	-13.109	80.831
579318.7	6292599.4	9260	7932	+0.000	3528.655	979578.539	-28.447	24.283	-8.805	-12.969	78.689
579358.4	6292599.2	9260	7936	+0.000	3529.035	979578.919	-28.066	23.819	-8.637	-12.884	77.184
577880.1	6292801.4	9280	7788	+0.000	3524.586	979574.470	-32.373	30.136	-10.927	-13.165	97.653
577919.3	6292797.6	9280	7792	+0.000	3525.010	979574.894	-31.951	29.633	-10.745	-13.064	96.024
577959.2	6292796.7	9280	7796	+0.000	3525.236	979575.120	-31.726	29.345	-10.641	-13.021	95.091
577998.1	6292797.4	9280	7800	+0.000	3525.158	979575.042	-31.803	29.416	-10.666	-13.054	95.320
578038.7	6292797.6	9280	7804	+0.000	3525.751	979575.635	-31.210	28.695	-10.405	-12.920	92.985
578078.6	6292797.7	9280	7808	+0.000	3525.373	979575.257	-31.587	29.186	-10.583	-12.984	94.576
578118.7	6292797.0	9280	7812	+0.000	3525.110	979574.994	-31.851	29.548	-10.714	-13.017	95.750
578158.5	6292796.5	9280	7816	+0.000	3525.732	979575.616	-31.229	28.802	-10.444	-12.870	93.332
578200.7	6292798.7	9280	7820	+0.000	3525.442	979575.326	-31.517	29.241	-10.603	-12.879	94.754
578240.1	6292797.6	9280	7824	+0.000	3525.175	979575.059	-31.785	29.570	-10.722	-12.937	95.819
578279.1	6292796.4	9280	7828	+0.000	3525.403	979575.287	-31.557	29.375	-10.651	-12.834	95.187
578318.3	6292797.3	9280	7832	+0.000	3525.662	979575.546	-31.297	29.090	-10.548	-12.756	94.263
578357.3	6292798.2	9280	7836	+0.000	3526.051	979575.935	-30.907	28.639	-10.385	-12.653	92.804
578396.0	6292798.8	9280	7840	+0.000	3526.305	979576.189	-30.653	28.384	-10.292	-12.561	91.976
578439.2	6292798.2	9280	7844	+0.000	3526.562	979576.446	-30.396	28.019	-10.160	-12.537	90.793
578478.6	6292797.4	9280	7848	+0.000	3526.613	979576.497	-30.345	27.851	-10.099	-12.593	90.249
578517.0	6292799.5	9280	7852	+0.000	3526.685	979576.569	-30.271	27.725	-10.053	-12.600	89.841
578559.5	6292798.2	9280	7856	+0.000	3526.779	979576.663	-30.178	27.620	-10.015	-12.573	89.502
578598.0	6292797.6	9280	7860	+0.000	3526.776	979576.660	-30.181	27.659	-10.029	-12.552	89.626
578638.4	6292797.1	9280	7864	+0.000	3526.749	979576.633	-30.208	27.699	-10.044	-12.553	89.758
578679.2	6292798.0	9280	7868	+0.000	3526.646	979576.530	-30.311	27.787	-10.076	-12.600	90.041
578718.7	6292796.1	9280	7872	+0.000	3526.575	979576.459	-30.383	27.801	-10.081	-12.663	90.086
578759.0	6292796.7	9280	7876	+0.000	3526.498	979576.382	-30.459	27.849	-10.098	-12.708	90.244
578797.7	6292796.2	9280	7880	+0.000	3526.399	979576.283	-30.558	27.891	-10.113	-12.780	90.379
578838.7	6292796.2	9280	7884	+0.000	3526.222	979576.106	-30.735	27.952	-10.135	-12.919	90.576
578878.7	6292798.1	9280	7888	+0.000	3526.001	979575.885	-30.954	28.123	-10.198	-13.029	91.131
578921.2	6292796.7	9280	7892	+0.000	3526.145	979576.029	-30.811	27.742	-10.059	-13.128	89.897
578957.8	6292797.0	9280	7896	+0.000	3526.744	979576.628	-30.211	26.920	-9.761	-13.053	87.232
578998.8	6292798.1	9280	7900	+0.000	3527.259	979577.143	-29.695	26.206	-9.502	-12.992	84.919
579038.5	6292797.6	9280	7904	+0.000	3527.711	979577.595	-29.243	25.611	-9.287	-12.919	82.991
579079.2	6292796.0	9280	7908	+0.000	3528.010	979577.894	-28.945	25.238	-9.151	-12.859	81.783
579118.4	6292797.6	9280	7912	+0.000	3528.153	979578.037	-28.801	25.037	-9.079	-12.843	81.131
579159.8	6292797.7	9280	7916	+0.000	3528.282	979578.166	-28.672	24.898	-9.028	-12.802	80.679
579198.1	6292797.6	9280	7920	+0.000	3528.305	979578.189	-28.649	24.812	-8.997	-12.834	80.401
579238.1	6292797.1	9280	7924	+0.000	3528.395	979578.279	-28.559	24.724	-8.965	-12.800	80.118
579277.9	6292799.0	9280	7928	+0.000	3528.385	979578.269	-28.567	24.709	-8.959	-12.818	80.067
579320.0	6292797.4	9280	7932	+0.000	3528.388	979578.272	-28.565	24.696	-8.955	-12.824	80.026
579358.8	6292795.8	9280	7936	+0.000	3528.459	979578.343	-28.495	24.570	-8.909	-12.834	79.617
579399.5	6292797.4	9280	7940	+0.000	3528.660	979578.544	-28.293	24.246	-8.792	-12.838	78.569
577719.1	6292998.9	9300	7772	-0.001	3524.877	979574.761	-31.935	29.635	-10.746	-13.045	96.032
577759.4	6292999.8	9300	7776	-0.001	3525.048	979574.932	-31.763	29.367	-10.649	-13.044	95.163
577799.2	6292999.9	9300	7780	-0.001	3524.400	979574.284	-32.410	30.118	-10.921	-13.214	97.595
577838.9	6292999.1	9300	7784	-0.001	3523.579	979573.463	-33.232	31.176	-11.304	-13.360	101.023
577879.2	6292999.1	9300	7788	-0.001	3524.184	979574.068	-32.626	30.421	-11.031	-13.236	98.577
577919.3	6292999.1	9300	7792	-0.001	3524.699	979574.583	-32.111	29.789	-10.801	-13.124	96.528
577959.7	6292999.8	9300	7796	-0.001	3524.551	979574.435	-32.258	30.051	-10.897	-13.104	97.379
577999.1	6292999.1	9300	7800	-0.001	3524.439	979574.323	-32.371	30.250	-10.969	-13.090	98.022
578038.8	6292998.3	9300	7804	-0.001	3524.297	979574.181	-32.513	30.516	-11.065	-13.062	98.885
578078.8	6292999.3	9300	7808	-0.001	3524.387	979574.271	-32.422	30.510	-11.063	-12.975	98.867
578119.4	6292998.5	9300	7812	-0.001	3525.057	979574.941	-31.752	29.779	-10.798	-12.771	96.498
578160.3	6292999.4	9300	7816	-0.001	3525.595	979575.479	-31.214	29.173	-10.578	-12.619	94.532
578198.9	6292998.7	9300	7820	-0.001	3525.510	979575.394	-31.299	29.364	-10.647	-12.583	95.151
578238.2	6292999.6	9300	7824	-0.001	3525.355	979575.239	-31.453	29.602	-10.734	-12.585	95.924
578279.4	6292999.6	9300	7828	-0.001	3525.378	979575.262	-31.430	29.626	-10.743	-12.546	96.002
578318.6	6292999.6	9300	7832	-0.001	3525.421	979575.305	-31.387	29.614	-10.738	-12.511	95.962

578358.3	6292998.2	9300	7836	-0.001	3525.586	979575.470	-31.222	29.471	-10.686	-12.438	95.499
578398.4	6293000.1	9300	7840	-0.001	3525.661	979575.545	-31.146	29.401	-10.661	-12.405	95.273
578439.5	6292999.5	9300	7844	-0.001	3525.749	979575.633	-31.058	29.314	-10.629	-12.373	94.991
578478.2	6292999.6	9300	7848	-0.001	3525.915	979575.799	-30.892	29.121	-10.559	-12.330	94.365
578519.2	6293000.2	9300	7852	-0.001	3525.931	979575.815	-30.875	29.055	-10.535	-12.356	94.150
578558.5	6292999.2	9300	7856	-0.001	3525.851	979575.735	-30.955	29.092	-10.549	-12.412	94.272
578599.2	6292998.9	9300	7860	-0.001	3525.775	979575.659	-31.031	29.041	-10.531	-12.520	94.107
578638.7	6292998.6	9300	7864	-0.001	3525.960	979575.844	-30.846	28.661	-10.393	-12.578	92.875
578679.7	6292999.7	9300	7868	-0.001	3526.401	979576.285	-30.404	28.002	-10.154	-12.556	90.739
578719.4	6292999.1	9300	7872	-0.001	3526.548	979576.432	-30.257	27.682	-10.038	-12.613	89.703
578758.1	6292999.5	9300	7876	-0.001	3526.567	979576.451	-30.238	27.511	-9.976	-12.703	89.148
578798.8	6293000.0	9300	7880	-0.001	3526.584	979576.468	-30.220	27.343	-9.915	-12.792	88.603
578838.1	6292998.5	9300	7884	-0.001	3526.568	979576.452	-30.237	27.286	-9.894	-12.845	88.418
578879.2	6292998.8	9300	7888	-0.001	3526.525	979576.409	-30.280	27.337	-9.913	-12.855	88.585
578919.4	6292998.5	9300	7892	-0.001	3526.408	979576.292	-30.397	27.456	-9.956	-12.896	88.971
578959.0	6292999.8	9300	7896	-0.001	3526.248	979576.132	-30.555	27.659	-10.029	-12.926	89.626
579002.1	6292996.4	9300	7900	-0.001	3525.985	979575.869	-30.821	27.936	-10.130	-13.014	90.525
579040.1	6292999.8	9300	7904	+0.000	3526.079	979575.963	-30.724	27.764	-10.067	-13.027	89.968
579078.9	6292998.3	9300	7908	+0.000	3526.697	979576.581	-30.107	26.919	-9.761	-12.949	87.230
579401.0	6292999.9	9300	7940	+0.000	3527.727	979577.611	-29.074	25.209	-9.141	-13.006	81.687
577879.9	6293198.1	9320	7788	-0.001	3525.191	979575.075	-31.470	29.343	-10.640	-12.767	95.084
577919.2	6293197.0	9320	7792	-0.001	3524.916	979574.800	-31.746	29.739	-10.783	-12.790	96.367
577959.7	6293196.6	9320	7796	-0.001	3524.884	979574.768	-31.778	29.851	-10.824	-12.751	96.731
577999.4	6293196.8	9320	7800	-0.001	3525.024	979574.908	-31.638	29.738	-10.783	-12.683	96.363
578039.8	6293197.3	9320	7804	-0.001	3525.009	979574.893	-31.652	29.798	-10.805	-12.659	96.560
578079.1	6293197.7	9320	7808	-0.001	3524.993	979574.877	-31.667	29.879	-10.834	-12.623	96.820
578119.4	6293197.4	9320	7812	-0.001	3524.871	979574.755	-31.789	30.087	-10.910	-12.612	97.496
578159.4	6293197.3	9320	7816	-0.001	3524.845	979574.729	-31.815	30.133	-10.926	-12.609	97.645
578201.0	6293197.4	9320	7820	-0.001	3524.939	979574.823	-31.721	30.055	-10.898	-12.563	97.393
578239.4	6293197.8	9320	7824	-0.001	3525.021	979574.905	-31.638	29.976	-10.869	-12.532	97.135
578279.2	6293197.5	9320	7828	-0.001	3525.088	979574.972	-31.571	29.951	-10.860	-12.481	97.055
578319.9	6293198.2	9320	7832	-0.001	3525.170	979575.054	-31.488	29.864	-10.829	-12.454	96.771
578359.0	6293197.6	9320	7836	-0.001	3525.236	979575.120	-31.423	29.793	-10.803	-12.433	96.542
578399.7	6293198.0	9320	7840	-0.001	3525.293	979575.177	-31.365	29.763	-10.792	-12.395	96.444
578439.7	6293198.1	9320	7844	-0.001	3525.355	979575.239	-31.303	29.665	-10.757	-12.394	96.128
578481.3	6293197.6	9320	7848	-0.001	3525.868	979575.752	-30.790	28.942	-10.494	-12.343	93.784
578519.1	6293196.7	9320	7852	-0.001	3526.129	979576.013	-30.529	28.534	-10.346	-12.342	92.462
578559.5	6293197.6	9320	7856	-0.001	3526.186	979576.070	-30.472	28.437	-10.311	-12.346	92.149
578599.7	6293196.5	9320	7860	-0.001	3526.152	979576.036	-30.506	28.431	-10.309	-12.384	92.129
578640.2	6293197.5	9320	7864	-0.001	3525.890	979575.774	-30.767	28.647	-10.388	-12.507	92.830
578679.2	6293197.3	9320	7868	-0.001	3525.766	979575.650	-30.891	28.745	-10.423	-12.569	93.148
579119.3	6293199.2	9320	7912	-0.001	3525.894	979575.778	-30.759	28.023	-10.161	-12.897	90.806
579157.6	6293197.4	9320	7916	-0.001	3526.408	979576.292	-30.246	27.351	-9.918	-12.813	88.630
578039.7	6293399.8	9340	7804	-0.001	3525.100	979574.984	-31.409	29.501	-10.697	-12.605	95.597
578079.8	6293400.0	9340	7808	-0.001	3525.020	979574.904	-31.489	29.641	-10.748	-12.596	96.049
578119.3	6293399.3	9340	7812	-0.001	3525.023	979574.907	-31.486	29.672	-10.759	-12.573	96.150
578160.0	6293400.2	9340	7816	-0.001	3524.923	979574.807	-31.585	29.751	-10.788	-12.622	96.407
578199.3	6293399.7	9340	7820	-0.001	3524.834	979574.718	-31.674	29.856	-10.826	-12.644	96.747
578239.7	6293399.8	9340	7824	-0.001	3524.842	979574.726	-31.666	29.877	-10.834	-12.622	96.816
578279.4	6293398.7	9340	7828	-0.001	3524.999	979574.883	-31.509	29.749	-10.787	-12.547	96.400
579239.7	6293602.6	9360	7924	-0.001	3525.369	979575.253	-30.980	28.844	-10.459	-12.596	93.466
579277.4	6293599.3	9360	7928	-0.001	3525.309	979575.193	-31.043	28.949	-10.497	-12.591	93.807
579316.8	6293596.9	9360	7932	-0.001	3525.488	979575.372	-30.865	28.729	-10.417	-12.553	93.096

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579663.9	6291472.4	0	2401	+0.000	3524.446	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.009	3524.446	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.014	3524.455	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.001	3524.469	979574.164	-33.665	30.862	-11.191	-13.993	100.007
577279.3	6290398.7	9040	7728	-0.014	3524.370	979574.079	-34.570	28.911	-10.483	-16.142	93.684
577319.1	6290399.0	9040	7732	-0.013	3524.335	979574.044	-34.605	29.144	-10.568	-16.028	94.440
577358.4	6290399.2	9040	7736	-0.013	3524.120	979573.829	-34.819	29.507	-10.699	-16.012	95.616
577399.2	6290399.3	9040	7740	-0.013	3524.202	979573.911	-34.737	29.509	-10.700	-15.928	95.622
577439.2	6290399.0	9040	7744	-0.013	3524.328	979574.037	-34.611	29.426	-10.670	-15.855	95.352
577478.8	6290399.9	9040	7748	-0.013	3524.471	979574.180	-34.467	29.374	-10.651	-15.744	95.186
577517.6	6290398.5	9040	7752	-0.013	3524.560	979574.269	-34.379	29.352	-10.643	-15.670	95.112
577558.4	6290399.2	9040	7756	-0.013	3524.580	979574.289	-34.358	29.403	-10.662	-15.616	95.280
577599.3	6290400.1	9040	7760	-0.013	3524.626	979574.335	-34.311	29.443	-10.676	-15.544	95.409
577640.4	6290399.8	9040	7764	-0.013	3524.726	979574.435	-34.211	29.376	-10.652	-15.487	95.191
577680.6	6290399.4	9040	7768	-0.013	3524.610	979574.319	-34.327	29.461	-10.683	-15.549	95.466
577719.0	6290398.5	9040	7772	-0.013	3524.261	979573.970	-34.677	29.922	-10.850	-15.604	96.962
577759.5	6290398.3	9040	7776	-0.012	3523.978	979573.687	-34.959	30.308	-10.990	-15.641	98.212
577799.8	6290398.4	9040	7780	-0.012	3523.783	979573.492	-35.154	30.643	-11.111	-15.622	99.296
577838.6	6290399.3	9040	7784	-0.012	3523.872	979573.581	-35.064	30.626	-11.105	-15.543	99.242
577880.4	6290399.1	9040	7788	-0.012	3524.260	979573.969	-34.676	30.295	-10.985	-15.366	98.170
577919.1	6290398.9	9040	7792	-0.012	3524.552	979574.261	-34.384	30.004	-10.879	-15.260	97.225
577959.0	6290399.1	9040	7796	-0.012	3524.796	979574.505	-34.140	29.787	-10.801	-15.154	96.522
577999.7	6290398.1	9040	7800	-0.012	3524.986	979574.695	-33.950	29.568	-10.722	-15.103	95.814
578039.2	6290398.7	9040	7804	-0.012	3525.156	979574.865	-33.779	29.339	-10.639	-15.079	95.072
578078.6	6290398.4	9040	7808	-0.012	3525.375	979575.084	-33.560	28.980	-10.508	-15.089	93.907
578119.0	6290398.5	9040	7812	-0.012	3525.499	979575.208	-33.436	28.767	-10.431	-15.100	93.219
578159.2	6290397.4	9040	7816	-0.012	3525.443	979575.152	-33.493	28.713	-10.411	-15.191	93.042
578199.8	6290399.7	9040	7820	-0.012	3525.285	979574.994	-33.649	28.772	-10.433	-15.310	93.233
578239.3	6290397.5	9040	7824	-0.012	3525.099	979574.808	-33.836	28.887	-10.475	-15.423	93.608
578279.5	6290398.9	9040	7828	-0.012	3524.881	979574.590	-34.053	29.107	-10.554	-15.501	94.318
578319.1	6290398.7	9040	7832	-0.012	3524.951	979574.660	-33.983	29.010	-10.519	-15.492	94.005

578358.4	6290398.5	9040	7836	-0.012	3525.040	979574.749	-33.894	28.974	-10.506	-15.426	93.887
578399.2	6290399.3	9040	7840	-0.011	3525.125	979574.834	-33.808	28.961	-10.501	-15.348	93.846
578438.6	6290398.8	9040	7844	-0.011	3525.285	979574.994	-33.648	28.875	-10.470	-15.243	93.568
578478.3	6290398.2	9040	7848	-0.011	3525.327	979575.036	-33.606	28.933	-10.491	-15.164	93.756
578519.0	6290400.3	9040	7852	-0.011	3525.168	979574.877	-33.763	29.199	-10.588	-15.152	94.618
578559.2	6290399.0	9040	7856	-0.011	3525.098	979574.807	-33.834	29.376	-10.652	-15.110	95.191
578599.5	6290398.8	9040	7860	-0.011	3525.270	979574.979	-33.662	29.208	-10.591	-15.045	94.646
578638.8	6290399.7	9040	7864	-0.011	3525.270	979574.979	-33.661	29.157	-10.572	-15.077	94.480
578678.6	6290399.7	9040	7868	-0.011	3525.345	979575.054	-33.586	29.114	-10.557	-15.029	94.343
578719.8	6290398.0	9040	7872	-0.011	3525.244	979574.953	-33.688	29.321	-10.632	-14.999	95.013
577395.9	6290599.0	9060	7740	-0.009	3525.108	979574.817	-33.681	28.759	-10.428	-15.350	93.193
577440.3	6290596.8	9060	7744	-0.009	3525.107	979574.816	-33.683	28.845	-10.459	-15.297	93.472
577480.3	6290597.6	9060	7748	-0.009	3525.107	979574.816	-33.683	28.899	-10.479	-15.263	93.644
577519.9	6290597.1	9060	7752	-0.009	3525.220	979574.929	-33.570	28.821	-10.451	-15.199	93.393
577560.0	6290597.5	9060	7756	-0.009	3525.388	979575.097	-33.401	28.615	-10.376	-15.162	92.725
577600.3	6290597.2	9060	7760	-0.009	3525.539	979575.248	-33.250	28.421	-10.305	-15.135	92.095
577639.9	6290598.4	9060	7764	-0.009	3525.577	979575.286	-33.211	28.383	-10.292	-15.120	91.973
577680.6	6290597.5	9060	7768	-0.009	3525.470	979575.179	-33.318	28.499	-10.334	-15.154	92.348
577719.1	6290597.2	9060	7772	-0.009	3525.298	979575.007	-33.490	28.726	-10.416	-15.181	93.085
577759.4	6290597.7	9060	7776	-0.009	3525.139	979574.848	-33.649	28.924	-10.488	-15.212	93.728
577800.8	6290597.2	9060	7780	-0.009	3525.087	979574.796	-33.701	29.010	-10.519	-15.210	94.006
577838.7	6290597.6	9060	7784	-0.009	3525.172	979574.881	-33.616	28.939	-10.493	-15.170	93.775
577879.0	6290597.1	9060	7788	-0.009	3525.207	979574.916	-33.581	28.957	-10.500	-15.123	93.834
577919.4	6290597.4	9060	7792	-0.009	3525.025	979574.734	-33.762	29.263	-10.611	-15.110	94.824
577956.1	6290597.8	9060	7796	-0.009	3524.710	979574.419	-34.077	29.700	-10.769	-15.146	96.240
577996.6	6290599.2	9060	7800	-0.009	3524.662	979574.371	-34.123	29.806	-10.808	-15.125	96.586
578039.3	6290598.8	9060	7804	-0.010	3525.063	979574.772	-33.722	29.236	-10.601	-15.087	94.737
578079.4	6290597.8	9060	7808	-0.010	3525.288	979574.997	-33.498	28.884	-10.473	-15.087	93.597
578120.3	6290597.7	9060	7812	-0.010	3525.294	979575.003	-33.492	28.829	-10.454	-15.116	93.420
578160.0	6290598.4	9060	7816	-0.010	3525.168	979574.877	-33.617	28.970	-10.505	-15.152	93.876
578199.9	6290597.3	9060	7820	-0.010	3525.224	979574.933	-33.561	28.879	-10.472	-15.154	93.581
578240.5	6290598.0	9060	7824	-0.010	3525.356	979575.065	-33.429	28.641	-10.385	-15.173	92.808
578279.7	6290597.3	9060	7828	-0.010	3525.601	979575.310	-33.184	28.286	-10.257	-15.155	91.658
578319.5	6290597.1	9060	7832	-0.010	3525.818	979575.527	-32.967	27.992	-10.150	-15.125	90.705
578359.4	6290598.4	9060	7836	-0.010	3526.035	979575.744	-32.749	27.754	-10.064	-15.058	89.936
578399.2	6290597.7	9060	7840	-0.010	3526.213	979575.922	-32.571	27.614	-10.013	-14.970	89.481
578439.7	6290597.6	9060	7844	-0.010	3526.297	979576.006	-32.487	27.608	-10.011	-14.889	89.463
578479.7	6290598.1	9060	7848	-0.010	3526.309	979576.018	-32.474	27.673	-10.034	-14.836	89.672
578520.0	6290597.5	9060	7852	-0.010	3526.295	979576.004	-32.488	27.822	-10.088	-14.755	90.156
578559.8	6290597.9	9060	7856	-0.010	3526.177	979575.886	-32.606	28.150	-10.207	-14.663	91.217
578599.5	6290597.3	9060	7860	-0.010	3526.003	979575.712	-32.780	28.495	-10.332	-14.617	92.337
578639.7	6290598.4	9060	7864	-0.010	3525.791	979575.500	-32.991	28.765	-10.430	-14.657	93.211
578679.1	6290597.7	9060	7868	-0.010	3525.421	979575.130	-33.361	29.175	-10.579	-14.765	94.539
578719.6	6290599.4	9060	7872	-0.011	3525.167	979574.876	-33.614	29.449	-10.678	-14.843	95.429
578756.6	6290597.2	9060	7876	-0.011	3525.247	979574.956	-33.535	29.367	-10.648	-14.817	95.161
578799.3	6290599.2	9060	7880	-0.011	3525.547	979575.256	-33.234	29.066	-10.539	-14.707	94.187
578840.1	6290598.5	9060	7884	-0.011	3525.843	979575.552	-32.938	28.753	-10.426	-14.610	93.173
577560.5	6290799.4	9080	7756	-0.008	3524.797	979574.506	-33.841	29.558	-10.718	-15.001	95.781
577600.5	6290800.2	9080	7760	-0.008	3524.761	979574.470	-33.876	29.569	-10.722	-15.028	95.818
577638.4	6290798.8	9080	7764	-0.008	3524.914	979574.623	-33.724	29.419	-10.667	-14.973	95.329
577678.9	6290800.3	9080	7768	-0.007	3525.000	979574.709	-33.636	29.288	-10.620	-14.968	94.907
577719.7	6290801.0	9080	7772	-0.007	3525.084	979574.793	-33.551	29.168	-10.576	-14.960	94.517
577759.9	6290799.7	9080	7776	-0.007	3525.065	979574.774	-33.571	29.082	-10.545	-15.034	94.240
577799.4	6290801.2	9080	7780	-0.007	3525.065	979574.774	-33.570	28.944	-10.495	-15.121	93.790
577839.5	6290798.6	9080	7784	-0.007	3524.986	979574.695	-33.651	28.949	-10.497	-15.198	93.809
577879.2	6290799.0	9080	7788	-0.007	3524.946	979574.655	-33.690	28.906	-10.481	-15.266	93.668
577920.3	6290799.4	9080	7792	-0.007	3524.924	979574.633	-33.711	28.879	-10.472	-15.304	93.582
577959.2	6290800.1	9080	7796	-0.007	3524.872	979574.581	-33.763	28.950	-10.497	-15.310	93.811
577997.8	6290798.9	9080	7800	-0.007	3524.969	979574.678	-33.666	28.895	-10.477	-15.249	93.632
578039.6	6290798.0	9080	7804	-0.007	3525.099	979574.808	-33.537	28.845	-10.459	-15.151	93.469
578079.4	6290799.1	9080	7808	-0.007	3525.227	979574.936	-33.408	28.751	-10.425	-15.082	93.166
578120.1	6290799.4	9080	7812	-0.007	3525.336	979575.045	-33.298	28.645	-10.387	-15.040	92.823
578159.6	6290799.4	9080	7816	-0.007	3525.411	979575.120	-33.223	28.599	-10.370	-14.994	92.673
578198.7	6290798.6	9080	7820	-0.007	3525.492	979575.201	-33.143	28.525	-10.343	-14.961	92.433
578239.1	6290799.4	9080	7824	-0.007	3525.433	979575.142	-33.201	28.666	-10.394	-14.929	92.889
578279.9	6290800.6	9080	7828	-0.007	3525.326	979575.035	-33.306	28.827	-10.453	-14.932	93.411
578318.8	6290797.7	9080	7832	-0.007	3525.378	979575.087	-33.257	28.782	-10.437	-14.911	93.267
578359.0	6290797.9	9080	7836	-0.006	3525.722	979575.431	-32.912	28.404	-10.299	-14.807	92.042
578399.1	6290799.3	9080	7840	-0.006	3525.945	979575.654	-32.688	28.194	-10.223	-14.717	91.362
578438.4	6290797.9	9080	7844	-0.006	3526.013	979575.722	-32.621	28.213	-10.230	-14.638	91.421
577639.8	6290999.4	9100	7764	-0.005	3525.461	979575.170	-33.026	28.516	-10.340	-14.850	92.406
577678.7	6290997.5	9100	7768	-0.005	3525.412	979575.121	-33.076	28.585	-10.365	-14.856	92.629
577720.0	6290998.0	9100	7772	-0.005	3525.447	979575.156	-33.041	28.501	-10.335	-14.874	92.357
577761.1	6290997.5	9100	7776	-0.005	3525.404	979575.113	-33.084	28.499	-10.334	-14.919	92.349
577799.5	6290997.6	9100	7780	-0.005	3525.492	979575.201	-32.996	28.365	-10.285	-14.916	91.916
577838.1	6290997.8	9100	7784	-0.005	3525.325	979575.034	-33.162	28.437	-10.311	-15.036	92.149
577879.3	6290997.3	9100	7788	-0.005	3525.141	979574.850	-33.346	28.731	-10.418	-15.033	93.102
577918.6	6290997.5	9100	7792	-0.005	3524.867	979574.576	-33.620	29.081	-10.545	-15.084	94.235
577958.8	6290997.5	9100	7796	-0.005	3524.549	979574.258	-33.938	29.500	-10.697	-15.134	95.594
578000.8	6290996.9	9100	7800	-0.005	3524.251	979573.960	-34.236	29.877	-10.833	-15.193	96.814
578041.4	6291002.4	9100	7804	-0.005	3523.749	979573.458	-34.734	30.533	-11.071	-15.272	98.939
578076.7	6290997.9	9100	7808	-0.005	3523.816	979573.525	-34.670	30.490	-11.056	-15.236	98.800
578121.2	6291002.4	9100	7812	-0.006	3524.462	979574.171	-34.020	29.720	-10.777	-15.076	96.307
578159.8	6290997.6	9100	7816	-0.006	3524.866	979574.575	-33.619	29.302	-10.625	-14.943	94.950
578201.7	6290998.5	9100	7820	-0.006	3525.312	979575.021	-33.172	28.839	-10.457	-14.791	93.451

578241.1	6290998.8	9100	7824	-0.006	3525.555	979575.264	-32.929	28.601	-10.371	-14.698	92.681
578279.5	6290995.5	9100	7828	-0.006	3525.816	979575.525	-32.670	28.352	-10.281	-14.599	91.874
578320.4	6290996.5	9100	7832	-0.006	3525.982	979575.691	-32.503	28.273	-10.252	-14.482	91.618
578361.0	6290997.8	9100	7836	-0.006	3526.033	979575.742	-32.451	28.283	-10.255	-14.424	91.648
578400.3	6290997.2	9100	7840	-0.006	3525.934	979575.643	-32.550	28.389	-10.294	-14.455	91.992
578436.1	6290995.6	9100	7844	-0.006	3525.770	979575.479	-32.715	28.641	-10.385	-14.460	92.808
578480.4	6290998.0	9100	7848	-0.006	3525.479	979575.188	-33.004	29.024	-10.524	-14.505	94.049
577719.6	6291199.2	9120	7772	-0.004	3524.620	979574.329	-33.717	29.580	-10.726	-14.863	95.853
577760.8	6291199.1	9120	7776	-0.004	3524.555	979574.264	-33.782	29.622	-10.741	-14.901	95.987
577799.9	6291199.5	9120	7780	-0.004	3524.470	979574.179	-33.866	29.681	-10.763	-14.947	96.181
577840.6	6291199.6	9120	7784	-0.004	3524.564	979574.273	-33.772	29.505	-10.699	-14.965	95.609
577880.2	6291198.8	9120	7788	-0.004	3524.752	979574.461	-33.584	29.286	-10.619	-14.918	94.899
577921.4	6291199.6	9120	7792	-0.004	3524.883	979574.592	-33.452	29.141	-10.567	-14.878	94.429
577961.1	6291200.6	9120	7796	-0.004	3524.939	979574.648	-33.395	29.068	-10.540	-14.867	94.194
577999.9	6291199.0	9120	7800	-0.004	3524.867	979574.576	-33.468	29.177	-10.580	-14.871	94.547
578039.7	6291198.5	9120	7804	-0.004	3524.783	979574.492	-33.552	29.275	-10.615	-14.892	94.865
578079.5	6291199.3	9120	7808	-0.004	3524.878	979574.587	-33.457	29.157	-10.572	-14.872	94.481
578117.2	6291199.0	9120	7812	-0.004	3525.027	979574.736	-33.308	28.983	-10.510	-14.834	93.919
578158.8	6291198.4	9120	7816	-0.004	3525.129	979574.838	-33.206	28.883	-10.473	-14.796	93.593
578200.0	6291198.8	9120	7820	-0.004	3525.241	979574.950	-33.093	28.836	-10.456	-14.713	93.440
578239.6	6291198.4	9120	7824	-0.004	3525.437	979575.146	-32.897	28.725	-10.416	-14.588	93.081
578281.2	6291198.3	9120	7828	-0.004	3525.783	979575.492	-32.551	28.434	-10.310	-14.427	92.138
578320.5	6291198.9	9120	7832	-0.004	3526.184	979575.893	-32.149	28.018	-10.160	-14.291	90.792
578358.1	6291199.2	9120	7836	-0.003	3526.368	979576.077	-31.965	27.836	-10.094	-14.222	90.202
578399.9	6291200.2	9120	7840	-0.003	3526.393	979576.102	-31.939	27.890	-10.113	-14.162	90.377
578440.2	6291200.2	9120	7844	-0.003	3526.220	979575.929	-32.111	28.186	-10.220	-14.146	91.335
578479.0	6291199.0	9120	7848	-0.003	3526.057	979575.766	-32.275	28.390	-10.294	-14.180	91.995
578518.9	6291198.7	9120	7852	-0.003	3526.204	979575.913	-32.128	28.212	-10.230	-14.146	91.420
578559.8	6291198.8	9120	7856	-0.003	3526.514	979576.223	-31.818	27.811	-10.084	-14.091	90.120
577839.4	6291399.6	9140	7784	-0.002	3525.669	979575.378	-32.517	27.969	-10.142	-14.689	90.633
577878.1	6291396.2	9140	7788	-0.002	3525.638	979575.347	-32.550	28.013	-10.158	-14.695	90.775
577919.9	6291398.6	9140	7792	-0.002	3525.724	979575.433	-32.462	27.834	-10.093	-14.721	90.195
577958.3	6291398.4	9140	7796	-0.003	3525.902	979575.611	-32.284	27.584	-10.002	-14.702	89.385
578000.8	6291397.4	9140	7800	-0.003	3525.834	979575.543	-32.352	27.656	-10.028	-14.725	89.618
578039.8	6291398.7	9140	7804	-0.003	3525.811	979575.520	-32.374	27.750	-10.062	-14.687	89.921
578078.2	6291397.5	9140	7808	-0.003	3525.730	979575.439	-32.456	27.859	-10.102	-14.698	90.276
578121.5	6291396.2	9140	7812	-0.003	3525.881	979575.590	-32.305	27.780	-10.073	-14.598	90.021
578159.3	6291397.8	9140	7816	-0.003	3526.049	979575.758	-32.136	27.686	-10.039	-14.489	89.715
578198.8	6291397.6	9140	7820	-0.003	3526.177	979575.886	-32.008	27.618	-10.014	-14.404	89.494
578238.7	6291398.0	9140	7824	-0.003	3526.346	979576.055	-31.839	27.477	-9.963	-14.325	89.036
578280.2	6291400.8	9140	7828	-0.001	3526.594	979576.303	-31.588	27.165	-9.850	-14.273	88.027
578321.3	6291398.4	9140	7832	-0.001	3526.761	979576.470	-31.423	26.928	-9.764	-14.259	87.260
578358.2	6291397.2	9140	7836	+0.000	3526.820	979576.529	-31.364	26.880	-9.747	-14.231	87.104
579041.0	6291397.4	9140	7904	-0.001	3526.153	979575.862	-32.027	28.601	-10.371	-13.797	92.680
579076.7	6291398.8	9140	7908	-0.001	3525.811	979575.520	-32.368	29.061	-10.538	-13.844	94.172
579158.7	6291598.1	9160	7916	-0.001	3526.664	979576.373	-31.365	28.017	-10.159	-13.507	90.787
579200.6	6291597.0	9160	7920	-0.001	3526.527	979576.236	-31.502	28.236	-10.239	-13.505	91.498
579118.1	6291795.1	9180	7912	-0.002	3526.010	979575.719	-31.871	28.440	-10.312	-13.744	92.158
579158.3	6291801.0	9180	7916	-0.002	3526.201	979575.910	-31.675	28.225	-10.235	-13.685	91.462
D229											
579663.9	6291472.4	0	2401	+0.000	3524.629	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.005	3524.629	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.010	3524.634	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.005	3524.644	979574.164	-33.665	30.862	-11.191	-13.993	100.007
582242.5	6290599.2	9060	8224	-0.010	3527.856	979577.386	-31.082	28.778	-10.435	-12.738	93.255
582364.9	6290996.2	9100	8238	-0.005	3528.801	979578.331	-29.838	28.104	-10.190	-11.925	91.068
582437.4	6291199.9	9120	8244	-0.001	3526.015	979575.545	-32.471	32.110	-11.643	-12.004	104.051
583079.4	6291196.9	9120	8308	-0.003	3526.502	979576.032	-31.982	33.407	-12.113	-10.688	108.253
583120.2	6291199.7	9120	8312	-0.003	3527.203	979576.733	-31.279	32.682	-11.851	-10.447	105.903
583160.7	6291199.3	9120	8316	-0.003	3527.701	979577.231	-30.781	32.175	-11.667	-10.272	104.261
583201.3	6291199.2	9120	8320	-0.003	3527.957	979577.487	-30.525	31.915	-11.572	-10.182	103.418
583239.5	6291198.6	9120	8324	-0.003	3527.884	979577.414	-30.598	32.082	-11.633	-10.149	103.959
583278.9	6291199.8	9120	8328	-0.003	3527.490	979577.020	-30.990	32.646	-11.838	-10.182	105.788
582198.3	6291397.7	9140	8220	-0.001	3528.727	979578.257	-29.612	28.647	-10.388	-11.352	92.830
582237.7	6291398.6	9140	8224	-0.001	3528.669	979578.199	-29.669	28.695	-10.405	-11.379	92.984
582278.5	6291398.6	9140	8228	-0.001	3528.565	979578.095	-29.773	28.783	-10.437	-11.427	93.270
582319.4	6291398.3	9140	8232	-0.001	3528.492	979578.022	-29.846	28.914	-10.484	-11.416	93.694
582358.4	6291397.9	9140	8236	-0.001	3528.466	979577.996	-29.872	29.053	-10.535	-11.353	94.146
582399.1	6291397.5	9140	8240	-0.001	3528.457	979577.987	-29.881	29.153	-10.571	-11.299	94.470
582440.1	6291397.7	9140	8244	-0.001	3528.449	979577.979	-29.889	29.271	-10.614	-11.231	94.852
582477.9	6291398.3	9140	8248	-0.001	3528.446	979577.976	-29.891	29.312	-10.629	-11.207	94.984
582518.3	6291397.3	9140	8252	-0.001	3528.324	979577.854	-30.013	29.545	-10.713	-11.181	95.740
582838.3	6291397.6	9140	8284	-0.003	3527.903	979577.433	-30.432	30.708	-11.135	-10.858	99.509
582877.5	6291397.9	9140	8288	-0.003	3528.393	979577.923	-29.941	30.287	-10.982	-10.637	98.142
582919.3	6291398.3	9140	8292	-0.003	3528.733	979578.263	-29.601	30.052	-10.897	-10.446	97.382
582958.4	6291398.2	9140	8296	-0.003	3528.959	979578.489	-29.375	29.964	-10.865	-10.276	97.095
582998.8	6291397.9	9140	8300	-0.003	3528.998	979578.528	-29.336	30.062	-10.901	-10.174	97.414
583037.4	6291397.9	9140	8304	-0.003	3528.752	979578.282	-29.581	30.472	-11.049	-10.158	98.744
583079.2	6291398.5	9140	8308	-0.003	3528.528	979578.058	-29.805	30.841	-11.183	-10.147	99.939
583121.0	6291397.6	9140	8312	-0.003	3528.430	979577.960	-29.903	31.037	-11.254	-10.121	100.572
583158.0	6291397.9	9140	8316	-0.003	3528.552	979578.082	-29.781	30.999	-11.241	-10.022	100.452
583281.5	6291395.1	9140	8328	-0.003	3527.729	979577.259	-30.605	32.296	-11.711	-10.020	104.652
582199.5	6291597.5	9160	8220	-0.001	3530.889	979580.419	-27.300	25.813	-9.360	-10.847	83.646
582238.8	6291597.2	9160	8224	-0.001	3530.704	979580.234	-27.485	26.140	-9.479	-10.823	84.706
582281.2	6291598.8	9160	8228	-0.001	3530.343	979579.873	-27.845	26.661	-9.668	-10.851	86.395

582321.2	6291598.1	9160	8232	-0.001	3529.940	979579.470	-28.248	27.252	-9.882	-10.878	88.308
582359.4	6291599.3	9160	8236	-0.001	3529.305	979578.835	-28.882	28.044	-10.169	-11.007	90.875
582403.1	6291614.7	9160	8240	-0.001	3528.808	979578.338	-29.367	28.674	-10.397	-11.090	92.917
582449.5	6291597.1	9160	8244	-0.001	3528.615	979578.145	-29.573	28.949	-10.497	-11.121	93.808
582480.7	6291596.5	9160	8248	-0.001	3528.623	979578.153	-29.565	28.918	-10.486	-11.133	93.707
582521.9	6291598.5	9160	8252	-0.002	3528.726	979578.256	-29.460	28.773	-10.433	-11.120	93.238
582560.4	6291598.9	9160	8256	-0.002	3528.885	979578.415	-29.301	28.617	-10.377	-11.061	92.731
582600.6	6291599.1	9160	8260	-0.002	3529.093	979578.623	-29.092	28.457	-10.318	-10.954	92.212
582639.0	6291598.7	9160	8264	-0.002	3529.098	979578.628	-29.087	28.502	-10.335	-10.920	92.359
582680.7	6291598.6	9160	8268	-0.002	3529.153	979578.683	-29.032	28.468	-10.323	-10.887	92.250
582718.7	6291599.2	9160	8272	-0.002	3529.195	979578.725	-28.990	28.471	-10.324	-10.842	92.260
582759.8	6291598.7	9160	8276	-0.002	3529.332	979578.862	-28.853	28.389	-10.294	-10.757	91.994
582799.4	6291598.9	9160	8280	-0.002	3529.519	979579.049	-28.665	28.294	-10.260	-10.631	91.685
582841.1	6291599.3	9160	8284	-0.002	3529.729	979579.259	-28.455	28.167	-10.214	-10.501	91.275
582880.3	6291598.5	9160	8288	-0.002	3529.951	979579.481	-28.233	28.014	-10.158	-10.377	90.778
582921.3	6291598.9	9160	8292	-0.002	3530.217	979579.747	-27.966	27.776	-10.072	-10.262	90.008
582959.2	6291599.6	9160	8296	-0.002	3530.519	979580.049	-27.664	27.516	-9.978	-10.125	89.165
583000.3	6291598.9	9160	8300	-0.002	3530.723	979580.253	-27.460	27.404	-9.937	-9.993	88.800
583040.3	6291598.1	9160	8304	-0.002	3530.780	979580.310	-27.403	27.499	-9.971	-9.876	89.108
583081.9	6291599.2	9160	8308	-0.002	3530.696	979580.226	-27.486	27.746	-10.061	-9.801	89.910
583120.4	6291597.8	9160	8312	-0.002	3530.555	979580.085	-27.628	28.106	-10.191	-9.713	91.076
583157.9	6291598.5	9160	8316	-0.002	3530.314	979579.844	-27.868	28.512	-10.339	-9.695	92.391
583201.0	6291598.6	9160	8320	-0.002	3530.071	979579.601	-28.111	28.942	-10.495	-9.663	93.785
583238.9	6291598.3	9160	8324	-0.002	3529.790	979579.320	-28.392	29.399	-10.660	-9.653	95.267
583280.5	6291598.8	9160	8328	-0.002	3529.428	979578.958	-28.753	29.931	-10.853	-9.675	96.989
582201.4	6291797.2	9180	8220	-0.005	3530.265	979579.795	-27.774	26.353	-9.556	-10.977	85.395
582239.0	6291797.3	9180	8224	-0.005	3530.445	979579.975	-27.594	26.153	-9.483	-10.924	84.746
582279.4	6291798.4	9180	8228	-0.005	3530.602	979580.132	-27.436	26.033	-9.440	-10.842	84.360
582319.5	6291797.6	9180	8232	-0.005	3530.862	979580.392	-27.176	25.808	-9.358	-10.727	83.628
582359.1	6291798.5	9180	8236	-0.005	3530.991	979580.521	-27.046	25.730	-9.330	-10.646	83.375
582397.4	6291797.8	9180	8240	-0.005	3531.078	979580.608	-26.960	25.742	-9.334	-10.552	83.415
582437.7	6291798.7	9180	8244	-0.005	3531.102	979580.632	-26.935	25.821	-9.363	-10.477	83.671
582479.2	6291798.0	9180	8248	-0.005	3531.015	979580.545	-27.022	26.009	-9.431	-10.443	84.282
582518.7	6291796.8	9180	8252	-0.005	3530.811	979580.341	-27.226	26.321	-9.544	-10.449	85.293
582557.8	6291797.6	9180	8256	-0.004	3530.522	979580.052	-27.515	26.722	-9.689	-10.482	86.590
582598.4	6291797.7	9180	8260	-0.004	3530.748	979580.278	-27.288	26.502	-9.610	-10.396	85.878
582638.9	6291798.3	9180	8264	-0.004	3530.995	979580.525	-27.041	26.223	-9.509	-10.326	84.975
582678.1	6291798.1	9180	8268	-0.004	3531.004	979580.534	-27.031	26.290	-9.533	-10.274	85.192
582717.9	6291798.1	9180	8272	-0.004	3530.911	979580.441	-27.124	26.543	-9.625	-10.206	86.011
582759.5	6291798.2	9180	8276	-0.004	3530.905	979580.435	-27.130	26.728	-9.692	-10.093	86.611
582796.9	6291798.0	9180	8280	-0.004	3530.829	979580.359	-27.206	26.907	-9.757	-10.055	87.191
582838.7	6291799.1	9180	8284	-0.004	3530.683	979580.213	-27.351	27.129	-9.837	-10.059	87.911
582881.7	6291798.3	9180	8288	-0.004	3530.444	979579.974	-27.590	27.436	-9.949	-10.102	88.906
582918.2	6291797.8	9180	8292	-0.004	3530.362	979579.892	-27.672	27.597	-10.007	-10.082	89.426
582957.4	6291798.2	9180	8296	-0.004	3530.359	979579.889	-27.674	27.723	-10.053	-10.004	89.836
582999.0	6291798.6	9180	8300	-0.004	3530.354	979579.884	-27.679	27.859	-10.102	-9.922	90.275
583040.9	6291798.4	9180	8304	-0.004	3530.461	979579.991	-27.572	27.778	-10.072	-9.866	90.013
583076.8	6291797.8	9180	8308	-0.004	3530.711	979580.241	-27.322	27.512	-9.976	-9.786	89.150
583117.3	6291798.0	9180	8312	-0.004	3531.113	979580.643	-26.920	27.042	-9.806	-9.683	87.628
583158.4	6291797.6	9180	8316	-0.004	3531.443	979580.973	-26.590	26.616	-9.651	-9.625	86.249
583199.9	6291798.0	9180	8320	-0.004	3531.484	979581.014	-26.548	26.560	-9.631	-9.619	86.067
583237.4	6291797.7	9180	8324	-0.004	3531.304	979580.834	-26.728	26.836	-9.731	-9.623	86.962
583279.6	6291797.6	9180	8328	-0.004	3531.201	979580.731	-26.831	27.126	-9.836	-9.541	87.901
582200.0	6292027.7	9200	8220	-0.006	3530.522	979580.052	-27.344	26.639	-9.660	-10.364	86.323
582244.4	6292004.7	9200	8224	-0.006	3530.578	979580.108	-27.305	26.023	-9.436	-10.719	84.325
582280.7	6291998.4	9200	8228	-0.006	3530.807	979580.337	-27.081	25.746	-9.336	-10.670	83.430
582320.9	6291996.6	9200	8232	-0.006	3531.102	979580.632	-26.787	25.401	-9.210	-10.597	82.309
582362.2	6292000.5	9200	8236	-0.006	3531.242	979580.772	-26.644	25.261	-9.160	-10.542	81.857
582398.6	6291999.5	9200	8240	-0.006	3531.379	979580.909	-26.507	25.209	-9.141	-10.439	81.689
582438.6	6291997.9	9200	8244	-0.006	3531.499	979581.029	-26.388	25.218	-9.144	-10.314	81.717
582478.3	6291998.2	9200	8248	-0.006	3531.645	979581.175	-26.242	25.218	-9.144	-10.168	81.717
582520.2	6292000.7	9200	8252	-0.006	3531.710	979581.240	-26.174	25.261	-9.160	-10.073	81.857
582559.1	6291999.4	9200	8256	-0.006	3531.723	979581.253	-26.162	25.347	-9.191	-10.006	82.136
582600.5	6291998.5	9200	8260	-0.006	3531.774	979581.304	-26.112	25.403	-9.211	-9.920	82.316
582638.3	6291999.3	9200	8264	-0.006	3531.795	979581.325	-26.090	25.454	-9.230	-9.865	82.482
582680.4	6291998.4	9200	8268	-0.006	3531.727	979581.257	-26.158	25.613	-9.287	-9.833	82.996
582719.8	6291999.8	9200	8272	-0.006	3531.535	979581.065	-26.349	25.892	-9.388	-9.846	83.900
582761.3	6291999.6	9200	8276	-0.006	3531.220	979580.750	-26.664	26.354	-9.556	-9.866	85.397
582798.8	6291999.1	9200	8280	-0.006	3530.940	979580.470	-26.944	26.825	-9.727	-9.846	86.925
582838.0	6291998.5	9200	8284	-0.006	3530.738	979580.268	-27.146	27.218	-9.869	-9.797	88.198
582885.0	6292019.7	9200	8288	-0.007	3530.189	979579.719	-27.679	28.023	-10.161	-9.817	90.808
582923.1	6291991.8	9200	8292	-0.007	3530.114	979579.644	-27.774	28.138	-10.203	-9.839	91.181
582962.1	6292000.6	9200	8296	-0.007	3530.038	979579.568	-27.844	28.347	-10.279	-9.775	91.858
583000.1	6291998.1	9200	8300	-0.007	3530.006	979579.536	-27.877	28.512	-10.339	-9.704	92.393
583039.8	6291999.3	9200	8304	-0.007	3529.997	979579.527	-27.885	28.697	-10.406	-9.594	92.992
583079.7	6291999.5	9200	8308	-0.007	3530.108	979579.638	-27.774	28.693	-10.404	-9.485	92.979
583121.5	6291999.5	9200	8312	-0.007	3530.342	979579.872	-27.540	28.415	-10.303	-9.428	92.076
583158.9	6291999.8	9200	8316	-0.007	3530.841	979580.371	-27.040	27.838	-10.094	-9.296	90.208
583200.5	6291997.7	9200	8320	-0.007	3531.330	979580.860	-26.552	27.287	-9.895	-9.160	88.423
583240.5	6291997.9	9200	8324	-0.007	3531.874	979581.404	-26.008	26.694	-9.679	-8.993	86.499
583281.1	6291997.8	9200	8328	-0.007	3532.406	979581.936	-25.476	26.898	-9.753	-8.331	87.161
582198.5	6292196.7	9220	8220	-0.008	3530.778	979580.308	-26.962	25.306	-9.176	-10.832	82.002
582240.6	6292196.3	9220	8224	-0.008	3530.838	979580.368	-26.902	25.334	-9.186	-10.754	82.092
582278.9	6292197.1	9220	8228	-0.008	3530.994	979580.524	-26.745	25.258	-9.159	-10.645	81.848
582318.3	6292197.5	9220	8232	-0.008	3531.243	979580.773	-26.495	25.068	-9.090	-10.517	81.232

582357.2	6292195.8	9220	8236	-0.008	3531.427	979580.957	-26.312	24.941	-9.044	-10.415	80.820
582401.5	6292195.7	9220	8240	-0.008	3531.540	979581.070	-26.199	24.903	-9.030	-10.326	80.696
582442.3	6292198.0	9220	8244	-0.008	3531.536	979581.066	-26.201	24.971	-9.055	-10.285	80.917
582478.5	6292198.1	9220	8248	-0.008	3531.471	979581.001	-26.266	25.110	-9.105	-10.261	81.366
582517.9	6292198.0	9220	8252	-0.008	3531.461	979580.991	-26.275	25.242	-9.153	-10.186	81.795
582559.1	6292199.0	9220	8256	-0.008	3531.444	979580.974	-26.292	25.351	-9.192	-10.133	82.148
582601.3	6292198.9	9220	8260	-0.008	3531.609	979581.139	-26.126	25.270	-9.163	-10.019	81.885
582641.9	6292197.5	9220	8264	-0.008	3531.744	979581.274	-25.992	25.218	-9.144	-9.918	81.719
582677.5	6292198.1	9220	8268	-0.008	3531.836	979581.366	-25.899	25.251	-9.156	-9.804	81.824
582719.8	6292199.5	9220	8272	-0.008	3531.942	979581.472	-25.792	25.327	-9.184	-9.649	82.070
582758.4	6292198.3	9220	8276	-0.008	3531.841	979581.371	-25.894	25.604	-9.284	-9.574	82.969
582801.6	6292196.7	9220	8280	-0.008	3531.747	979581.277	-25.989	25.786	-9.350	-9.553	83.557
582839.5	6292196.8	9220	8284	-0.008	3531.676	979581.206	-26.059	25.943	-9.407	-9.523	84.066
582881.7	6292196.9	9220	8288	-0.008	3531.498	979581.028	-26.237	26.249	-9.518	-9.506	85.057
582920.2	6292195.6	9220	8292	-0.008	3531.249	979580.779	-26.487	26.591	-9.642	-9.538	86.166
582960.1	6292196.5	9220	8296	-0.007	3530.994	979580.524	-26.741	26.981	-9.783	-9.543	87.430
582998.1	6292196.7	9220	8300	-0.007	3530.896	979580.426	-26.838	27.179	-9.855	-9.514	88.073
583039.1	6292197.7	9220	8304	-0.007	3530.707	979580.237	-27.026	27.443	-9.951	-9.535	88.926
583078.5	6292202.8	9220	8308	-0.007	3530.715	979580.245	-27.014	27.459	-9.957	-9.512	88.980
583118.4	6292216.7	9220	8312	-0.007	3530.876	979580.406	-26.843	27.344	-9.915	-9.414	88.607
583158.2	6292155.8	9220	8316	-0.007	3530.430	979579.960	-27.334	28.061	-10.175	-9.448	90.931
583199.8	6292169.6	9220	8320	-0.007	3530.429	979579.959	-27.324	28.155	-10.209	-9.378	91.235
583236.2	6292186.8	9220	8324	-0.007	3530.707	979580.237	-27.033	27.933	-10.129	-9.229	90.516
583278.5	6292198.8	9220	8328	-0.007	3531.058	979580.588	-26.673	27.701	-10.044	-9.017	89.762
582198.4	6292399.4	9240	8220	-0.008	3530.777	979580.307	-26.810	25.053	-9.084	-10.842	81.182
582243.1	6292398.8	9240	8224	-0.008	3530.902	979580.432	-26.686	24.985	-9.060	-10.760	80.963
582282.2	6292397.6	9240	8228	-0.008	3530.933	979580.463	-26.655	25.011	-9.069	-10.713	81.048
582318.7	6292399.4	9240	8232	-0.008	3530.989	979580.519	-26.598	25.029	-9.076	-10.644	81.106
582360.1	6292398.8	9240	8236	-0.009	3531.084	979580.614	-26.503	25.014	-9.070	-10.559	81.058
582399.9	6292401.4	9240	8240	-0.009	3531.241	979580.771	-26.344	24.963	-9.052	-10.433	80.890
582438.4	6292397.9	9240	8244	-0.009	3531.430	979580.960	-26.157	24.831	-9.004	-10.330	80.464
582479.4	6292400.1	9240	8248	-0.009	3531.562	979581.092	-26.023	24.835	-9.005	-10.194	80.475
582520.2	6292400.7	9240	8252	-0.009	3531.503	979581.033	-26.082	25.013	-9.070	-10.138	81.054
582558.8	6292399.8	9240	8256	-0.009	3531.421	979580.951	-26.164	25.146	-9.118	-10.136	81.483
582598.9	6292400.7	9240	8260	-0.009	3531.469	979580.999	-26.115	25.232	-9.149	-10.032	81.762
582639.3	6292400.9	9240	8264	-0.009	3531.546	979581.076	-26.038	25.279	-9.166	-9.925	81.915
582682.7	6292399.6	9240	8268	-0.009	3531.707	979581.237	-25.877	25.279	-9.166	-9.764	81.915
582719.3	6292398.3	9240	8272	-0.009	3531.851	979581.381	-25.734	25.208	-9.141	-9.667	81.685
582758.0	6292399.4	9240	8276	-0.009	3531.908	979581.438	-25.676	25.192	-9.135	-9.618	81.634
582800.7	6292400.3	9240	8280	-0.009	3532.015	979581.545	-25.568	25.171	-9.127	-9.524	81.565
582842.4	6292399.6	9240	8284	-0.009	3532.030	979581.560	-25.553	25.238	-9.151	-9.467	81.783
582880.0	6292398.8	9240	8288	-0.009	3532.003	979581.533	-25.581	25.308	-9.177	-9.449	82.009
582920.3	6292399.1	9240	8292	-0.009	3531.993	979581.523	-25.590	25.331	-9.185	-9.444	82.085
582959.4	6292398.9	9240	8296	-0.009	3531.943	979581.473	-25.640	25.356	-9.194	-9.478	82.166
583002.5	6292398.8	9240	8300	-0.009	3531.952	979581.482	-25.631	25.340	-9.189	-9.479	82.114
583037.8	6292399.5	9240	8304	-0.009	3532.048	979581.578	-25.534	25.294	-9.172	-9.412	81.964
583078.1	6292399.2	9240	8308	-0.009	3532.152	979581.682	-25.430	25.293	-9.171	-9.308	81.960
583123.3	6292399.1	9240	8312	-0.009	3532.212	979581.742	-25.370	25.330	-9.185	-9.224	82.081
583158.0	6292396.9	9240	8316	-0.009	3532.244	979581.774	-25.339	25.421	-9.218	-9.136	82.376
583195.6	6292397.5	9240	8320	-0.009	3532.384	979581.914	-25.199	25.422	-9.218	-8.995	82.378
583239.3	6292399.7	9240	8324	-0.009	3532.559	979582.089	-25.022	25.516	-9.252	-8.758	82.682
583280.9	6292400.0	9240	8328	-0.009	3532.653	979582.183	-24.927	25.559	-9.268	-8.636	82.822
D230											
579663.9	6291472.4	0	2401	+0.000	3524.798	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.008	3524.798	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.014	3524.806	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.006	3524.820	979574.164	-33.665	30.862	-11.191	-13.993	100.007
582680.5	6290398.2	9040	8268	-0.014	3528.269	979577.627	-30.989	29.483	-10.691	-12.197	95.537
582518.2	6291397.3	9140	8252	-0.001	3528.499	979577.857	-30.010	29.549	-10.715	-11.175	95.753
584242.9	6291599.2	9160	8424	-0.013	3526.140	979575.498	-32.206	35.566	-12.896	-9.537	115.248
584237.6	6291799.8	9180	8424	-0.013	3527.355	979576.713	-30.841	33.927	-12.302	-9.216	109.938
584242.0	6291998.2	9200	8424	-0.013	3527.611	979576.969	-30.436	33.295	-12.073	-9.214	107.891
584245.2	6292199.2	9220	8424	-0.013	3529.640	979578.998	-28.256	30.288	-10.983	-8.951	98.148
583281.0	6292399.9	9240	8328	-0.007	3532.825	979582.183	-24.927	25.557	-9.267	-8.637	82.817
584240.9	6292395.7	9240	8424	-0.013	3531.368	979580.726	-26.381	27.521	-9.979	-8.839	89.180
582199.6	6292598.7	9260	8220	-0.001	3531.172	979580.530	-26.438	24.965	-9.052	-10.526	80.896
582239.7	6292599.2	9260	8224	-0.001	3531.361	979580.719	-26.248	24.843	-9.008	-10.413	80.502
582281.9	6292598.3	9260	8228	-0.001	3531.426	979580.784	-26.184	24.802	-8.993	-10.375	80.371
582321.6	6292599.8	9260	8232	-0.001	3531.491	979580.849	-26.117	24.820	-9.000	-10.297	80.429
582363.0	6292599.1	9260	8236	-0.001	3531.621	979580.979	-25.988	24.814	-8.998	-10.172	80.407
582402.3	6292598.9	9260	8240	-0.001	3531.688	979581.046	-25.921	24.823	-9.001	-10.099	80.437
582439.6	6292599.9	9260	8244	-0.001	3531.708	979581.066	-25.899	24.911	-9.033	-10.021	80.722
582476.7	6292598.7	9260	8248	-0.001	3531.566	979580.924	-26.042	25.130	-9.112	-10.024	81.433
582519.5	6292590.7	9260	8252	-0.001	3531.373	979580.731	-26.241	25.347	-9.191	-10.085	82.135
582560.1	6292569.1	9260	8256	-0.001	3531.384	979580.742	-26.246	25.291	-9.171	-10.125	81.955
582598.4	6292590.9	9260	8260	-0.001	3531.152	979580.510	-26.461	25.677	-9.311	-10.095	83.206
582638.7	6292590.8	9260	8264	-0.001	3531.537	979580.895	-26.076	25.322	-9.182	-9.936	82.055
582680.1	6292597.9	9260	8268	-0.002	3531.954	979581.312	-25.653	25.008	-9.068	-9.713	81.037
582720.3	6292596.8	9260	8272	-0.002	3532.176	979581.534	-25.432	24.871	-9.018	-9.579	80.593
582758.1	6292599.4	9260	8276	-0.002	3532.187	979581.545	-25.419	25.018	-9.072	-9.472	81.069
582799.0	6292599.7	9260	8280	-0.002	3532.205	979581.563	-25.400	25.105	-9.103	-9.399	81.352
582842.5	6292598.4	9260	8284	-0.002	3532.232	979581.590	-25.374	25.143	-9.117	-9.348	81.474
582879.2	6292599.7	9260	8288	-0.002	3532.177	979581.535	-25.428	25.236	-9.151	-9.342	81.776
582920.7	6292599.7	9260	8292	-0.002	3532.086	979581.444	-25.519	25.344	-9.190	-9.365	82.125
582961.6	6292600.2	9260	8296	-0.002	3531.943	979581.301	-25.661	25.518	-9.253	-9.396	82.691

583000.2	6292600.4	9260	8300	-0.002	3531.879	979581.237	-25.725	25.648	-9.300	-9.376	83.112
583040.2	6292599.1	9260	8304	-0.002	3531.774	979581.132	-25.830	25.799	-9.355	-9.386	83.601
583080.2	6292599.4	9260	8308	-0.002	3531.679	979581.037	-25.925	25.965	-9.415	-9.375	84.139
583119.4	6292598.2	9260	8312	-0.002	3531.868	979581.226	-25.737	25.756	-9.339	-9.320	83.461
583159.3	6292598.4	9260	8316	-0.002	3532.269	979581.627	-25.335	25.323	-9.182	-9.194	82.059
583197.3	6292598.8	9260	8320	-0.002	3532.596	979581.954	-25.008	25.108	-9.104	-9.004	81.362
583238.6	6292598.4	9260	8324	-0.002	3532.822	979582.180	-24.782	25.039	-9.079	-8.822	81.138
583282.0	6292598.1	9260	8328	-0.003	3532.828	979582.186	-24.776	25.095	-9.100	-8.780	81.319
583322.7	6292597.2	9260	8332	-0.011	3532.832	979582.190	-24.772	25.192	-9.135	-8.714	81.634
583358.5	6292598.8	9260	8336	-0.011	3532.940	979582.298	-24.662	25.134	-9.114	-8.642	81.446
583401.1	6292599.3	9260	8340	-0.011	3533.054	979582.412	-24.548	25.060	-9.087	-8.574	81.207
583441.3	6292599.2	9260	8344	-0.011	3533.119	979582.477	-24.483	25.089	-9.097	-8.491	81.298
583480.2	6292598.7	9260	8348	-0.011	3533.165	979582.523	-24.437	25.091	-9.098	-8.444	81.306
583517.8	6292598.6	9260	8352	-0.011	3533.035	979582.393	-24.567	25.198	-9.137	-8.505	81.654
583559.5	6292598.6	9260	8356	-0.011	3532.943	979582.301	-24.658	25.223	-9.146	-8.581	81.735
583598.3	6292598.5	9260	8360	-0.011	3532.881	979582.239	-24.720	25.362	-9.196	-8.554	82.184
583639.1	6292598.0	9260	8364	-0.012	3532.949	979582.307	-24.652	25.424	-9.219	-8.447	82.386
583680.2	6292598.3	9260	8368	-0.012	3532.975	979582.333	-24.626	25.540	-9.261	-8.347	82.761
583720.0	6292598.6	9260	8372	-0.012	3532.857	979582.215	-24.743	25.799	-9.355	-8.299	83.600
583760.7	6292598.2	9260	8376	-0.012	3532.953	979582.311	-24.647	25.723	-9.327	-8.251	83.355
583800.3	6292598.1	9260	8380	-0.012	3533.088	979582.446	-24.512	25.526	-9.256	-8.242	82.715
583839.5	6292599.2	9260	8384	-0.012	3533.026	979582.384	-24.573	25.542	-9.262	-8.293	82.767
583879.3	6292597.9	9260	8388	-0.012	3532.961	979582.319	-24.639	25.546	-9.263	-8.356	82.781
583919.1	6292598.6	9260	8392	-0.012	3532.923	979582.281	-24.676	25.579	-9.275	-8.372	82.888
583959.2	6292598.7	9260	8396	-0.012	3532.868	979582.226	-24.730	25.642	-9.298	-8.387	83.090
584001.2	6292598.4	9260	8400	-0.012	3532.697	979582.055	-24.901	25.837	-9.369	-8.433	83.724
584038.9	6292599.0	9260	8404	-0.012	3532.448	979581.806	-25.150	26.143	-9.479	-8.487	84.714
584077.2	6292595.6	9260	8408	-0.012	3532.109	979581.467	-25.491	26.516	-9.615	-8.590	85.923
584119.7	6292614.0	9260	8412	-0.012	3531.830	979581.188	-25.756	26.813	-9.723	-8.665	86.887
584161.8	6292596.2	9260	8416	-0.012	3531.733	979581.091	-25.866	26.862	-9.740	-8.745	87.044
584198.3	6292595.7	9260	8420	-0.013	3531.938	979581.296	-25.661	26.584	-9.639	-8.717	86.144
584247.4	6292596.6	9260	8424	-0.013	3532.128	979581.486	-25.470	26.358	-9.557	-8.670	85.411
582198.8	6292797.8	9280	8220	-0.004	3529.852	979579.210	-27.608	26.533	-9.621	-10.697	85.977
582241.4	6292796.9	9280	8224	-0.004	3529.960	979579.318	-27.501	26.501	-9.609	-10.609	85.876
582281.0	6292797.5	9280	8228	-0.004	3530.212	979579.570	-27.248	26.248	-9.518	-10.518	85.055
582320.6	6292797.4	9280	8232	-0.004	3530.665	979580.023	-26.795	25.758	-9.340	-10.377	83.468
582359.5	6292796.9	9280	8236	-0.004	3531.070	979580.428	-26.390	25.247	-9.155	-10.298	81.811
582400.2	6292798.2	9280	8240	-0.004	3531.494	979580.852	-25.965	24.788	-8.988	-10.165	80.325
582439.7	6292797.6	9280	8244	-0.004	3531.655	979581.013	-25.804	24.641	-8.935	-10.098	79.849
582480.4	6292796.4	9280	8248	-0.004	3531.799	979581.157	-25.661	24.578	-8.912	-9.995	79.642
582520.9	6292798.3	9280	8252	-0.004	3531.992	979581.350	-25.466	24.498	-8.883	-9.851	79.384
582558.7	6292794.7	9280	8256	-0.004	3532.064	979581.422	-25.397	24.585	-8.915	-9.726	79.667
582599.2	6292799.2	9280	8260	-0.004	3532.104	979581.462	-25.353	24.669	-8.945	-9.629	79.940
582641.4	6292799.3	9280	8264	-0.004	3531.935	979581.293	-25.522	25.039	-9.079	-9.562	81.138
582678.4	6292799.0	9280	8268	-0.004	3531.885	979581.243	-25.572	25.238	-9.151	-9.485	81.783
582720.2	6292798.5	9280	8272	-0.004	3531.654	979581.012	-25.803	25.660	-9.305	-9.447	83.151
582759.3	6292797.9	9280	8276	-0.004	3531.603	979580.961	-25.854	25.809	-9.359	-9.403	83.633
582799.3	6292798.2	9280	8280	-0.003	3531.469	979580.827	-25.987	26.062	-9.450	-9.376	84.452
582839.1	6292797.9	9280	8284	-0.003	3531.351	979580.709	-26.105	26.274	-9.527	-9.359	85.138
582880.5	6292797.6	9280	8288	-0.003	3531.290	979580.648	-26.166	26.407	-9.575	-9.335	85.570
582920.9	6292797.4	9280	8292	-0.003	3531.318	979580.676	-26.138	26.404	-9.574	-9.308	85.562
582961.2	6292797.3	9280	8296	-0.003	3531.354	979580.712	-26.102	26.414	-9.578	-9.266	85.592
583000.4	6292797.0	9280	8300	-0.003	3531.306	979580.664	-26.150	26.511	-9.613	-9.252	85.908
583040.3	6292796.3	9280	8304	-0.003	3531.329	979580.687	-26.127	26.552	-9.628	-9.203	86.041
583076.0	6292796.1	9280	8308	-0.003	3531.466	979580.824	-25.990	26.450	-9.591	-9.131	85.710
583117.6	6292796.1	9280	8312	-0.003	3531.709	979581.067	-25.747	26.259	-9.522	-9.010	85.090
583156.8	6292795.9	9280	8316	-0.003	3531.996	979581.354	-25.460	26.011	-9.432	-8.880	84.288
583197.9	6292795.8	9280	8320	-0.003	3532.358	979581.716	-25.098	25.695	-9.317	-8.720	83.262
583240.1	6292796.0	9280	8324	-0.003	3532.572	979581.930	-24.883	25.556	-9.267	-8.594	82.813
583279.7	6292797.9	9280	8328	-0.003	3532.386	979581.744	-25.067	25.773	-9.346	-8.640	83.517
583319.0	6292798.1	9280	8332	-0.003	3532.159	979581.517	-25.294	26.035	-9.440	-8.700	84.364
583356.1	6292798.3	9280	8336	-0.011	3531.901	979581.259	-25.552	26.427	-9.582	-8.708	85.634
583398.9	6292798.0	9280	8340	-0.011	3531.734	979581.092	-25.719	26.709	-9.685	-8.694	86.550
583437.9	6292798.2	9280	8344	-0.011	3532.020	979581.378	-25.432	26.416	-9.579	-8.595	85.599
583479.8	6292798.0	9280	8348	-0.011	3532.424	979581.782	-25.028	25.917	-9.398	-8.509	83.984
583517.5	6292798.6	9280	8352	-0.011	3532.680	979582.038	-24.772	25.577	-9.274	-8.469	82.881
583557.4	6292797.9	9280	8356	-0.011	3532.740	979582.098	-24.712	25.473	-9.237	-8.475	82.544
583598.4	6292797.7	9280	8360	-0.010	3532.724	979582.082	-24.728	25.539	-9.260	-8.449	82.756
583639.1	6292798.7	9280	8364	-0.010	3532.528	979581.886	-24.923	25.827	-9.365	-8.461	83.691
583675.5	6292799.2	9280	8368	-0.010	3532.247	979581.605	-25.203	26.187	-9.495	-8.512	84.856
583720.5	6292775.6	9280	8372	-0.010	3532.225	979581.583	-25.242	26.221	-9.508	-8.529	84.967
583763.2	6292798.1	9280	8376	-0.010	3532.069	979581.427	-25.381	26.442	-9.588	-8.527	85.684
583799.6	6292797.9	9280	8380	-0.010	3532.426	979581.784	-25.024	26.095	-9.462	-8.392	84.558
583839.6	6292797.3	9280	8384	-0.010	3532.750	979582.108	-24.700	25.768	-9.344	-8.276	83.500
583879.9	6292798.3	9280	8388	-0.010	3533.026	979582.384	-24.423	25.498	-9.246	-8.171	82.625
583918.9	6292797.9	9280	8392	-0.010	3533.226	979582.584	-24.223	25.316	-9.180	-8.087	82.036
583957.6	6292798.2	9280	8396	-0.010	3533.230	979582.588	-24.219	25.293	-9.171	-8.097	81.960
583997.7	6292798.1	9280	8400	-0.010	3533.128	979582.486	-24.321	25.456	-9.230	-8.095	82.489
584037.3	6292798.2	9280	8404	-0.010	3533.275	979582.633	-24.173	25.343	-9.189	-8.020	82.121
584079.8	6292798.7	9280	8408	-0.010	3533.352	979582.710	-24.096	25.321	-9.181	-7.957	82.050
584117.0	6292798.1	9280	8412	-0.010	3533.327	979582.685	-24.121	25.375	-9.201	-7.947	82.227
584158.1	6292798.2	9280	8416	-0.010	3533.377	979582.735	-24.071	25.394	-9.208	-7.885	82.287
584199.0	6292798.5	9280	8420	-0.009	3533.273	979582.631	-24.174	25.504	-9.248	-7.918	82.643
584239.1	6292797.1	9280	8424	-0.009	3533.112	979582.470	-24.336	25.708	-9.322	-7.950	83.304
582199.4	6292998.3	9300	8220	-0.005	3530.041	979579.399	-27.269	26.509	-9.612	-10.373	85.901

582238.5	6292999.3	9300	8224	-0.005	3529.868	979579.226	-27.441	26.910	-9.758	-10.289	87.201
582277.8	6292998.6	9300	8228	-0.005	3529.840	979579.198	-27.469	27.055	-9.810	-10.225	87.670
582319.9	6293000.0	9300	8232	-0.005	3529.993	979579.351	-27.315	26.919	-9.761	-10.157	87.231
582359.1	6292999.3	9300	8236	-0.005	3530.190	979579.548	-27.119	26.687	-9.677	-10.109	86.477
582400.5	6292998.3	9300	8240	-0.005	3530.308	979579.666	-27.001	26.495	-9.607	-10.113	85.855
582438.0	6292998.9	9300	8244	-0.005	3530.429	979579.787	-26.879	26.364	-9.560	-10.075	85.430
582479.5	6292998.5	9300	8248	-0.005	3530.770	979580.128	-26.538	26.039	-9.442	-9.941	84.377
582519.9	6292998.6	9300	8252	-0.005	3531.550	979580.908	-25.758	25.209	-9.141	-9.690	81.687
582560.5	6292997.2	9300	8256	-0.005	3531.946	979581.304	-25.363	24.785	-8.987	-9.565	80.314
582600.3	6292998.1	9300	8260	-0.005	3532.070	979581.428	-25.238	24.720	-8.964	-9.482	80.103
582638.4	6292998.4	9300	8264	-0.005	3532.041	979581.399	-25.266	24.829	-9.003	-9.440	80.457
582680.7	6292999.1	9300	8268	-0.005	3532.008	979581.366	-25.299	25.043	-9.081	-9.336	81.151
582720.3	6292999.3	9300	8272	-0.005	3531.955	979581.313	-25.351	25.283	-9.168	-9.235	81.929
582758.8	6292999.2	9300	8276	-0.005	3531.786	979581.144	-25.520	25.601	-9.283	-9.202	82.959
582799.1	6292999.0	9300	8280	-0.005	3531.513	979580.871	-25.793	26.014	-9.433	-9.211	84.298
582838.5	6292997.9	9300	8284	-0.006	3531.196	979580.554	-26.110	26.453	-9.592	-9.249	85.719
582878.4	6292998.0	9300	8288	-0.006	3530.848	979580.206	-26.458	26.935	-9.767	-9.290	87.280
582918.8	6292999.1	9300	8292	-0.006	3530.564	979579.922	-26.741	27.324	-9.908	-9.325	88.542
582960.7	6292998.8	9300	8296	-0.006	3530.363	979579.721	-26.942	27.647	-10.025	-9.320	89.588
582998.6	6293000.2	9300	8300	-0.006	3530.185	979579.543	-27.119	27.919	-10.124	-9.323	90.470
583040.5	6292997.9	9300	8304	-0.006	3529.962	979579.320	-27.343	28.270	-10.251	-9.324	91.606
583076.6	6292996.9	9300	8308	-0.006	3529.760	979579.118	-27.546	28.566	-10.358	-9.338	92.566
583124.7	6293003.3	9300	8312	-0.006	3529.834	979579.192	-27.467	28.633	-10.382	-9.216	92.782
583159.5	6292997.9	9300	8316	-0.006	3530.410	979579.768	-26.894	28.046	-10.169	-9.018	90.880
583198.0	6292997.7	9300	8320	-0.006	3530.825	979580.183	-26.479	27.572	-9.998	-8.905	89.344
583240.5	6292998.3	9300	8324	-0.006	3530.961	979580.319	-26.342	27.486	-9.967	-8.823	89.068
583279.1	6292998.1	9300	8328	-0.006	3531.005	979580.363	-26.298	27.535	-9.984	-8.748	89.224
583318.4	6292999.0	9300	8332	-0.006	3531.116	979580.474	-26.186	27.585	-10.002	-8.604	89.386
583360.7	6292996.9	9300	8336	-0.007	3531.145	979580.503	-26.159	27.577	-10.000	-8.581	89.363
583401.2	6292997.9	9300	8340	-0.007	3531.188	979580.546	-26.115	27.549	-9.990	-8.555	89.272
583438.1	6292999.5	9300	8344	-0.008	3531.384	979580.742	-25.918	27.313	-9.904	-8.508	88.507
583481.0	6292998.7	9300	8348	-0.008	3531.750	979581.108	-25.552	26.849	-9.735	-8.439	87.002
583521.5	6292998.2	9300	8352	-0.008	3532.159	979581.517	-25.143	26.384	-9.567	-8.326	85.495
583560.5	6292998.6	9300	8356	-0.008	3532.507	979581.865	-24.794	25.986	-9.423	-8.231	84.207
583601.6	6292998.4	9300	8360	-0.008	3532.767	979582.125	-24.534	25.659	-9.304	-8.179	83.147
583638.8	6292998.9	9300	8364	-0.008	3532.903	979582.261	-24.398	25.458	-9.231	-8.171	82.495
583679.4	6292998.9	9300	8368	-0.008	3532.992	979582.350	-24.308	25.332	-9.186	-8.162	82.087
583722.8	6292997.8	9300	8372	-0.008	3533.089	979582.447	-24.212	25.205	-9.140	-8.146	81.676
583756.8	6292998.8	9300	8376	-0.008	3533.073	979582.431	-24.227	25.232	-9.149	-8.144	81.763
583802.1	6293000.6	9300	8380	-0.008	3532.992	979582.350	-24.306	25.396	-9.209	-8.119	82.295
583842.5	6292999.6	9300	8384	-0.008	3532.862	979582.220	-24.437	25.527	-9.256	-8.166	82.718
583879.4	6292999.3	9300	8388	-0.008	3532.826	979582.184	-24.473	25.565	-9.270	-8.178	82.841
583919.2	6292996.8	9300	8392	-0.008	3532.801	979582.159	-24.499	25.590	-9.279	-8.188	82.923
583960.7	6292999.4	9300	8396	-0.009	3532.887	979582.245	-24.411	25.546	-9.263	-8.128	82.781
583998.6	6292998.3	9300	8400	-0.009	3533.007	979582.365	-24.292	25.481	-9.240	-8.050	82.571
584040.2	6292998.5	9300	8404	-0.009	3533.063	979582.421	-24.235	25.540	-9.261	-7.956	82.761
584080.9	6292998.6	9300	8408	-0.009	3533.106	979582.464	-24.192	25.605	-9.285	-7.871	82.973
584118.6	6292998.4	9300	8412	-0.009	3533.174	979582.532	-24.124	25.584	-9.277	-7.816	82.905
584158.8	6292998.9	9300	8416	-0.009	3533.255	979582.613	-24.042	25.566	-9.270	-7.747	82.844
584198.6	6292998.4	9300	8420	-0.009	3533.256	979582.614	-24.041	25.623	-9.291	-7.709	83.030
584251.5	6293000.6	9300	8424	-0.009	3533.251	979582.609	-24.044	25.759	-9.340	-7.626	83.470
D231											
579663.9	6291472.4	0	2401	+0.000	3524.963	979574.164	-33.665	29.771	-10.795	-14.689	96.472
579663.9	6291472.4	0	2401	-0.005	3524.963	979574.164	-33.665	29.771	-10.795	-14.689	96.472
579663.9	6291472.4	0	2401	-0.036	3524.968	979574.164	-33.665	29.771	-10.795	-14.689	96.472
579663.9	6291472.4	0	2401	-0.008	3525.004	979574.164	-33.665	29.771	-10.795	-14.689	96.472
584239.0	6290598.0	9060	8424	-0.033	3530.962	979580.158	-28.298	28.646	-10.387	-10.039	92.825
584239.1	6290797.7	9080	8424	-0.034	3529.968	979579.164	-29.142	30.380	-11.016	-9.778	98.444
584240.4	6290998.6	9100	8424	-0.034	3530.417	979579.613	-28.542	29.869	-10.831	-9.504	96.790
584243.1	6291197.7	9120	8424	-0.034	3529.439	979578.635	-29.371	31.438	-11.399	-9.333	101.872
583319.1	6291397.3	9140	8332	-0.028	3528.555	979577.751	-30.111	31.712	-11.499	-9.898	102.760
583358.9	6291399.1	9140	8336	-0.028	3528.635	979577.831	-30.030	31.684	-11.489	-9.834	102.671
583401.3	6291398.9	9140	8340	-0.028	3528.430	979577.626	-30.234	32.020	-11.610	-9.825	103.758
583437.0	6291397.8	9140	8344	-0.028	3528.104	979577.300	-30.561	32.433	-11.760	-9.888	105.098
583478.6	6291397.8	9140	8348	-0.029	3527.799	979576.995	-30.866	32.801	-11.894	-9.958	106.289
583517.0	6291397.9	9140	8352	-0.029	3527.796	979576.992	-30.868	32.785	-11.888	-9.971	106.239
583558.5	6291398.6	9140	8356	-0.029	3528.187	979577.383	-30.477	32.246	-11.693	-9.923	104.491
583601.2	6291399.0	9140	8360	-0.029	3528.372	979577.568	-30.291	31.923	-11.575	-9.944	103.443
583640.2	6291399.1	9140	8364	-0.029	3528.403	979577.599	-30.260	31.823	-11.539	-9.976	103.119
583678.6	6291402.6	9140	8368	-0.030	3528.381	979577.577	-30.279	31.855	-11.551	-9.975	103.223
583717.2	6291398.1	9140	8372	-0.030	3528.232	979577.428	-30.431	32.161	-11.662	-9.932	104.215
583759.9	6291398.5	9140	8376	-0.030	3527.961	979577.157	-30.701	32.665	-11.844	-9.881	105.848
583798.4	6291397.4	9140	8380	-0.030	3527.690	979576.886	-30.973	33.251	-12.057	-9.779	107.747
583839.7	6291398.4	9140	8384	-0.030	3527.533	979576.729	-31.129	33.728	-12.230	-9.631	109.293
583882.0	6291399.1	9140	8388	-0.031	3527.306	979576.502	-31.355	34.227	-12.411	-9.539	110.911
583917.8	6291397.8	9140	8392	-0.031	3527.197	979576.393	-31.465	34.468	-12.498	-9.495	111.690
583958.7	6291397.5	9140	8396	-0.031	3527.473	979576.669	-31.189	34.155	-12.385	-9.418	110.677
583998.4	6291397.3	9140	8400	-0.031	3527.517	979576.713	-31.145	34.116	-12.371	-9.399	110.551
584035.9	6291397.9	9140	8404	-0.031	3527.402	979576.598	-31.259	34.230	-12.412	-9.441	110.919
584077.2	6291397.7	9140	8408	-0.032	3527.292	979576.488	-31.369	34.363	-12.460	-9.466	111.351
584121.1	6291398.0	9140	8412	-0.032	3527.122	979576.318	-31.538	34.562	-12.532	-9.508	111.997
584161.2	6291397.8	9140	8416	-0.032	3527.394	979576.590	-31.266	34.207	-12.404	-9.463	110.846
584199.1	6291398.0	9140	8420	-0.032	3527.780	979576.976	-30.880	33.699	-12.219	-9.400	109.198
584243.3	6291398.1	9140	8424	-0.035	3528.115	979577.311	-30.544	33.265	-12.062	-9.342	107.793
583320.2	6291597.3	9160	8332	-0.028	3529.686	979578.882	-28.830	30.061	-10.900	-9.669	97.412

583359.7	6291598.0	9160	8336	-0.027	3529.994	979579.190	-28.521	29.769	-10.794	-9.547	96.464
583400.5	6291598.6	9160	8340	-0.027	3530.388	979579.584	-28.126	29.325	-10.633	-9.435	95.025
583439.4	6291598.7	9160	8344	-0.027	3530.475	979579.671	-28.039	29.287	-10.620	-9.372	94.902
583478.0	6291598.0	9160	8348	-0.027	3530.213	979579.409	-28.301	29.674	-10.760	-9.387	96.157
583518.7	6291599.0	9160	8352	-0.027	3529.846	979579.042	-28.667	30.095	-10.913	-9.485	97.522
583560.1	6291598.0	9160	8356	-0.027	3529.428	979578.624	-29.086	30.547	-11.077	-9.615	98.987
583595.7	6291598.4	9160	8360	-0.026	3528.995	979578.191	-29.518	31.078	-11.269	-9.710	100.705
583639.7	6291599.7	9160	8364	-0.026	3528.862	979578.058	-29.650	31.316	-11.355	-9.689	101.479
583679.4	6291599.4	9160	8368	-0.026	3529.269	979578.465	-29.243	30.951	-11.223	-9.515	100.294
583719.0	6291598.8	9160	8372	-0.026	3529.311	979578.507	-29.201	31.080	-11.270	-9.391	100.712
583758.6	6291598.2	9160	8376	-0.026	3529.084	979578.280	-29.429	31.501	-11.422	-9.350	102.077
583797.9	6291596.8	9160	8380	-0.026	3528.766	979577.962	-29.747	31.970	-11.592	-9.370	103.596
583838.4	6291598.3	9160	8384	-0.025	3528.424	979577.620	-30.088	32.526	-11.794	-9.356	105.398
583879.8	6291599.2	9160	8388	-0.025	3528.113	979577.309	-30.398	33.050	-11.984	-9.332	107.098
583918.2	6291598.2	9160	8392	-0.025	3527.791	979576.987	-30.721	33.602	-12.184	-9.303	108.885
583958.8	6291598.1	9160	8396	-0.025	3527.578	979576.774	-30.933	33.977	-12.320	-9.277	110.099
583998.5	6291597.5	9160	8400	-0.025	3527.543	979576.739	-30.969	34.118	-12.371	-9.222	110.556
584037.4	6291598.0	9160	8404	-0.024	3527.491	979576.687	-31.020	34.202	-12.402	-9.220	110.828
584078.2	6291596.6	9160	8408	-0.024	3527.202	979576.398	-31.310	34.578	-12.538	-9.269	112.049
584116.8	6291596.8	9160	8412	-0.024	3527.000	979576.196	-31.511	34.826	-12.628	-9.314	112.850
584159.1	6291599.1	9160	8416	-0.024	3526.617	979575.813	-31.892	35.304	-12.801	-9.390	114.400
584199.3	6291583.9	9160	8420	-0.024	3526.358	979575.554	-32.162	35.574	-12.899	-9.487	115.276
584243.0	6291599.3	9160	8424	-0.035	3526.336	979575.532	-32.172	35.551	-12.891	-9.512	115.200
583320.1	6291798.8	9180	8332	-0.019	3531.424	979580.620	-26.941	27.401	-9.936	-9.476	88.790
583359.7	6291799.7	9180	8336	-0.019	3531.127	979580.323	-27.237	27.967	-10.141	-9.411	90.626
583398.8	6291806.0	9180	8340	-0.019	3530.945	979580.141	-27.414	28.395	-10.296	-9.315	92.013
583440.7	6291826.9	9180	8344	-0.020	3531.019	979580.215	-27.324	28.492	-10.331	-9.163	92.328
583479.6	6291842.9	9180	8348	-0.020	3531.063	979580.259	-27.268	28.630	-10.381	-9.019	92.773
583521.7	6291835.9	9180	8352	-0.020	3530.669	979579.865	-27.667	29.263	-10.611	-9.014	94.826
583560.4	6291820.0	9180	8356	-0.020	3530.096	979579.292	-28.252	30.089	-10.911	-9.073	97.503
583599.2	6291801.6	9180	8360	-0.020	3529.843	979579.039	-28.518	30.436	-11.036	-9.118	98.626
583641.2	6291798.8	9180	8364	-0.021	3529.660	979578.856	-28.703	30.525	-11.068	-9.246	98.913
583678.3	6291798.5	9180	8368	-0.021	3529.459	979578.655	-28.904	30.716	-11.138	-9.326	99.533
583712.3	6291798.7	9180	8372	-0.021	3529.236	979578.432	-29.126	30.968	-11.229	-9.388	100.350
583759.3	6291769.6	9180	8376	-0.021	3528.698	979577.894	-29.686	31.710	-11.498	-9.474	102.754
583799.5	6291769.8	9180	8380	-0.021	3528.333	979577.529	-30.050	32.307	-11.715	-9.458	104.689
583839.1	6291799.6	9180	8384	-0.022	3527.560	979576.756	-30.801	33.287	-12.070	-9.584	107.865
583880.0	6291797.8	9180	8388	-0.022	3527.265	979576.461	-31.097	33.805	-12.258	-9.550	109.543
583919.8	6291798.3	9180	8392	-0.022	3526.961	979576.157	-31.400	34.311	-12.441	-9.530	111.183
583956.8	6291787.7	9180	8396	-0.022	3526.664	979575.860	-31.705	34.811	-12.623	-9.517	112.803
583999.9	6291805.7	9180	8400	-0.022	3526.848	979576.044	-31.507	34.679	-12.575	-9.403	112.375
584038.5	6291797.8	9180	8404	-0.023	3527.158	979576.354	-31.203	34.395	-12.472	-9.280	111.454
584078.0	6291797.9	9180	8408	-0.023	3527.349	979576.545	-31.012	34.196	-12.400	-9.215	110.811
584117.0	6291797.7	9180	8412	-0.023	3527.260	979576.456	-31.101	34.347	-12.455	-9.208	111.301
584158.5	6291798.0	9180	8416	-0.023	3527.425	979576.621	-30.935	34.170	-12.390	-9.155	110.725
584201.0	6291797.8	9180	8420	-0.023	3527.548	979576.744	-30.812	33.987	-12.324	-9.148	110.134
583319.9	6291997.9	9200	8332	-0.016	3532.884	979582.080	-25.332	25.825	-9.364	-8.871	83.684
583358.6	6291998.5	9200	8336	-0.016	3532.757	979581.953	-25.458	26.010	-9.431	-8.879	84.284
583399.3	6291998.4	9200	8340	-0.016	3532.565	979581.761	-25.650	26.256	-9.520	-8.914	85.080
583439.4	6291998.4	9200	8344	-0.016	3532.241	979581.437	-25.973	26.604	-9.647	-9.016	86.210
583479.3	6291998.8	9200	8348	-0.016	3531.901	979581.097	-26.313	27.086	-9.821	-9.049	87.770
583521.0	6291998.3	9200	8352	-0.015	3531.722	979580.918	-26.492	27.518	-9.978	-8.952	89.170
583558.1	6291998.7	9200	8356	-0.015	3531.532	979580.728	-26.681	27.921	-10.124	-8.885	90.475
583600.1	6291998.8	9200	8360	-0.015	3531.085	979580.281	-27.128	28.448	-10.315	-8.996	92.183
583638.6	6291998.5	9200	8364	-0.015	3530.568	979579.764	-27.645	29.067	-10.540	-9.118	94.189
583679.9	6291997.9	9200	8368	-0.015	3529.994	979579.190	-28.219	29.831	-10.817	-9.205	96.667
583719.2	6291997.1	9200	8372	-0.014	3529.531	979578.727	-28.683	30.518	-11.066	-9.230	98.892
583760.7	6291997.8	9200	8376	-0.014	3529.509	979578.705	-28.704	30.635	-11.108	-9.177	99.270
583799.8	6291997.3	9200	8380	-0.014	3529.701	979578.897	-28.512	30.457	-11.044	-9.099	98.695
583837.1	6291998.2	9200	8384	-0.014	3529.718	979578.914	-28.494	30.457	-11.044	-9.081	98.693
583878.1	6291998.4	9200	8388	-0.014	3529.625	979578.821	-28.586	30.660	-11.117	-9.044	99.351
583919.3	6291997.9	9200	8392	-0.013	3529.438	979578.634	-28.774	30.965	-11.228	-9.037	100.339
583959.8	6291998.1	9200	8396	-0.013	3529.178	979578.374	-29.033	31.337	-11.363	-9.059	101.547
583998.1	6291996.9	9200	8400	-0.013	3528.927	979578.123	-29.285	31.703	-11.496	-9.077	102.731
584038.9	6291978.2	9200	8404	-0.013	3528.188	979577.384	-30.038	32.684	-11.851	-9.205	105.909
584076.5	6291996.5	9200	8408	-0.013	3528.150	979577.346	-30.062	32.706	-11.859	-9.215	105.982
584117.3	6291998.4	9200	8412	-0.012	3527.991	979577.187	-30.219	32.902	-11.930	-9.247	106.617
584153.8	6291987.1	9200	8416	-0.012	3527.806	979577.002	-30.412	33.136	-12.015	-9.292	107.374
584199.7	6291973.3	9200	8420	-0.012	3527.811	979577.007	-30.417	33.214	-12.044	-9.247	107.629
584242.0	6291998.3	9200	8424	-0.012	3527.776	979576.972	-30.433	33.275	-12.066	-9.224	107.827
582997.8	6292196.5	9220	8300	-0.017	3531.234	979580.430	-26.835	27.154	-9.846	-9.527	87.992
583319.0	6292198.0	9220	8332	-0.006	3531.648	979580.844	-26.417	27.513	-9.976	-8.881	89.153
583360.4	6292199.4	9220	8336	-0.006	3531.949	979581.145	-26.115	27.180	-9.856	-8.791	88.076
583399.0	6292198.6	9220	8340	-0.006	3532.091	979581.287	-25.973	26.957	-9.775	-8.791	87.352
583437.9	6292198.8	9220	8344	-0.007	3532.117	979581.313	-25.947	26.865	-9.741	-8.824	87.053
583479.0	6292199.0	9220	8348	-0.007	3532.259	979581.455	-25.805	26.697	-9.680	-8.788	86.509
583518.5	6292198.7	9220	8352	-0.007	3532.453	979581.649	-25.611	26.511	-9.613	-8.713	85.907
583561.1	6292198.1	9220	8356	-0.007	3532.530	979581.726	-25.534	26.534	-9.621	-8.621	85.981
583600.5	6292199.1	9220	8360	-0.007	3532.439	979581.635	-25.624	26.688	-9.677	-8.613	86.481
583639.3	6292199.1	9220	8364	-0.008	3532.307	979581.503	-25.756	26.930	-9.765	-8.590	87.266
583680.3	6292198.2	9220	8368	-0.008	3532.195	979581.391	-25.868	27.307	-9.902	-8.463	88.486
583718.1	6292199.2	9220	8372	-0.008	3532.081	979581.277	-25.981	27.524	-9.980	-8.437	89.189
583758.8	6292199.5	9220	8376	-0.008	3531.795	979580.991	-26.266	27.817	-10.086	-8.536	90.138
583799.9	6292198.3	9220	8380	-0.009	3531.580	979580.776	-26.482	28.075	-10.180	-8.587	90.975
583840.1	6292198.9	9220	8384	-0.009	3531.373	979580.569	-26.688	28.356	-10.282	-8.614	91.885

583880.7	6292199.0	9220	8388	-0.009	3531.235	979580.431	-26.826	28.529	-10.345	-8.642	92.446
583919.7	6292198.7	9220	8392	-0.009	3531.113	979580.309	-26.948	28.621	-10.378	-8.705	92.745
583959.7	6292198.2	9220	8396	-0.009	3530.957	979580.153	-27.104	28.774	-10.434	-8.764	93.240
583998.5	6292198.6	9220	8400	-0.009	3530.897	979580.093	-27.163	28.854	-10.463	-8.772	93.499
584039.6	6292198.4	9220	8404	-0.010	3530.871	979580.067	-27.189	28.929	-10.490	-8.750	93.743
584079.4	6292198.4	9220	8408	-0.010	3530.770	979579.966	-27.290	29.053	-10.535	-8.772	94.145
584119.7	6292199.0	9220	8412	-0.010	3530.572	979579.768	-27.487	29.282	-10.618	-8.823	94.888
584160.0	6292198.1	9220	8416	-0.010	3530.285	979579.481	-27.775	29.625	-10.742	-8.892	95.999
584200.5	6292197.9	9220	8420	-0.011	3530.004	979579.200	-28.056	29.965	-10.865	-8.956	97.099
583320.0	6292398.3	9240	8332	-0.006	3533.030	979582.226	-24.885	25.540	-9.261	-8.606	82.760
583360.7	6292397.9	9240	8336	-0.005	3533.024	979582.220	-24.891	25.574	-9.273	-8.590	82.870
583399.7	6292398.2	9240	8340	-0.005	3532.966	979582.162	-24.949	25.667	-9.307	-8.589	83.172
583439.7	6292398.0	9240	8344	-0.005	3533.005	979582.201	-24.909	25.614	-9.288	-8.583	83.001
583478.6	6292398.6	9240	8348	-0.005	3533.067	979582.263	-24.847	25.571	-9.272	-8.548	82.862
583519.4	6292398.0	9240	8352	-0.005	3533.058	979582.254	-24.856	25.566	-9.270	-8.561	82.844
583559.6	6292398.4	9240	8356	-0.005	3533.041	979582.237	-24.872	25.589	-9.279	-8.562	82.920
583598.8	6292398.2	9240	8360	-0.004	3532.949	979582.145	-24.964	25.664	-9.306	-8.606	83.162
583639.9	6292398.5	9240	8364	-0.004	3532.925	979582.121	-24.988	25.749	-9.337	-8.575	83.438
583679.9	6292398.3	9240	8368	-0.004	3532.899	979582.095	-25.014	25.826	-9.365	-8.552	83.689
583719.5	6292398.4	9240	8372	-0.004	3532.834	979582.030	-25.078	25.939	-9.406	-8.545	84.054
583758.6	6292398.2	9240	8376	-0.004	3532.649	979581.845	-25.263	26.157	-9.485	-8.591	84.760
583798.3	6292397.9	9240	8380	-0.004	3532.431	979581.627	-25.481	26.533	-9.621	-8.569	85.979
583839.1	6292397.6	9240	8384	-0.003	3532.214	979581.410	-25.698	26.951	-9.773	-8.519	87.334
583878.9	6292398.3	9240	8388	-0.003	3532.065	979581.261	-25.847	27.267	-9.887	-8.467	88.357
583918.0	6292398.4	9240	8392	-0.003	3531.907	979581.103	-26.004	27.535	-9.984	-8.454	89.224
583958.8	6292398.4	9240	8396	-0.003	3531.685	979580.881	-26.226	27.801	-10.081	-8.506	90.086
583998.2	6292398.2	9240	8400	-0.003	3531.556	979580.752	-26.355	27.923	-10.125	-8.557	90.482
584040.6	6292398.2	9240	8404	-0.002	3531.430	979580.626	-26.481	27.984	-10.147	-8.644	90.681
584079.3	6292398.2	9240	8408	-0.002	3531.460	979580.656	-26.450	27.870	-10.106	-8.686	90.310
584117.7	6292397.5	9240	8412	-0.002	3531.502	979580.698	-26.409	27.728	-10.054	-8.735	89.852
584158.8	6292397.7	9240	8416	-0.002	3531.583	979580.779	-26.327	27.540	-9.986	-8.773	89.242
584198.0	6292398.8	9240	8420	-0.002	3531.660	979580.856	-26.249	27.418	-9.942	-8.773	88.847
584241.0	6292395.6	9240	8424	-0.001	3531.576	979580.772	-26.335	27.524	-9.980	-8.791	89.191
D232											
579663.9	6291472.4	0	2401	+0.000	3525.130	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.008	3525.130	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.002	3525.138	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.009	3525.140	979574.164	-33.665	30.862	-11.191	-13.993	100.007
583160.5	6290243.9	9020	8316	-0.002	3528.992	979578.018	-30.711	29.501	-10.697	-11.907	95.596
583197.8	6290245.6	9020	8320	-0.002	3529.195	979578.221	-30.506	29.291	-10.621	-11.836	94.916
583237.4	6290248.1	9020	8324	-0.002	3529.213	979578.239	-30.486	29.283	-10.618	-11.821	94.891
583278.3	6290251.0	9020	8328	-0.002	3529.310	979578.336	-30.386	29.154	-10.571	-11.804	94.472
583318.8	6290254.3	9020	8332	-0.002	3529.721	979578.747	-29.973	28.690	-10.403	-11.686	92.967
583358.3	6290257.7	9020	8336	-0.002	3529.997	979579.023	-29.694	28.409	-10.301	-11.586	92.059
583276.9	6290395.3	9040	8328	-0.002	3529.391	979578.417	-30.197	29.329	-10.635	-11.503	95.038
583319.5	6290399.3	9040	8332	-0.002	3529.615	979578.641	-29.970	29.144	-10.568	-11.393	94.440
583359.2	6290400.3	9040	8336	-0.002	3529.838	979578.864	-29.746	28.933	-10.491	-11.304	93.757
583400.1	6290399.5	9040	8340	-0.002	3529.998	979579.024	-29.586	28.788	-10.439	-11.237	93.287
583439.1	6290399.9	9040	8344	-0.002	3530.125	979579.151	-29.458	28.634	-10.383	-11.207	92.788
583479.4	6290400.1	9040	8348	-0.001	3530.305	979579.331	-29.278	28.456	-10.318	-11.140	92.210
583517.9	6290400.1	9040	8352	-0.001	3530.538	979579.564	-29.045	28.236	-10.239	-11.047	91.498
583559.0	6290399.8	9040	8356	-0.001	3530.819	979579.845	-28.764	27.936	-10.130	-10.957	90.526
583597.4	6290399.0	9040	8360	-0.001	3530.964	979579.990	-28.619	27.788	-10.076	-10.907	90.046
583639.4	6290397.8	9040	8364	-0.001	3531.080	979580.106	-28.504	27.680	-10.037	-10.861	89.696
583679.9	6290399.0	9040	8368	-0.001	3531.059	979580.085	-28.524	27.664	-10.031	-10.891	89.644
583278.9	6290598.6	9060	8328	-0.001	3526.172	979575.198	-33.264	33.774	-12.247	-11.736	109.442
583319.0	6290597.6	9060	8332	-0.001	3526.335	979575.361	-33.101	33.540	-12.162	-11.723	108.685
583359.4	6290598.1	9060	8336	-0.001	3527.093	979576.119	-32.342	32.584	-11.815	-11.574	105.585
583399.1	6290599.3	9060	8340	-0.001	3527.709	979576.735	-31.725	31.765	-11.518	-11.478	102.934
583438.5	6290599.7	9060	8344	-0.001	3527.849	979576.875	-31.585	31.641	-11.473	-11.417	102.531
583481.2	6290600.0	9060	8348	-0.001	3527.922	979576.948	-31.511	31.568	-11.447	-11.390	102.293
583520.1	6290599.5	9060	8352	-0.001	3528.142	979577.168	-31.291	31.345	-11.366	-11.312	101.572
583559.1	6290598.8	9060	8356	-0.001	3528.440	979577.466	-30.994	31.053	-11.260	-11.201	100.625
583598.1	6290598.4	9060	8360	-0.001	3528.763	979577.789	-30.671	30.699	-11.132	-11.103	99.478
583640.0	6290597.9	9060	8364	-0.001	3529.069	979578.095	-30.365	30.350	-11.005	-11.020	98.346
583677.9	6290599.3	9060	8368	-0.001	3529.396	979578.422	-30.036	29.957	-10.863	-10.942	97.074
583720.8	6290598.4	9060	8372	-0.001	3529.768	979578.794	-29.665	29.536	-10.710	-10.839	95.710
583759.1	6290598.3	9060	8376	-0.001	3530.079	979579.105	-29.354	29.243	-10.604	-10.715	94.759
583800.2	6290598.0	9060	8380	-0.001	3530.332	979579.358	-29.100	29.058	-10.537	-10.579	94.162
583838.5	6290598.8	9060	8384	-0.001	3530.457	979579.483	-28.975	29.034	-10.528	-10.468	94.084
583877.9	6290598.4	9060	8388	-0.001	3530.611	979579.637	-28.821	28.955	-10.499	-10.365	93.828
583921.2	6290598.5	9060	8392	-0.001	3530.800	979579.826	-28.631	28.835	-10.456	-10.252	93.438
583960.8	6290597.6	9060	8396	-0.001	3530.965	979579.991	-28.467	28.741	-10.421	-10.148	93.132
583998.9	6290598.1	9060	8400	-0.001	3531.106	979580.132	-28.325	28.638	-10.384	-10.072	92.799
584041.1	6290597.8	9060	8404	-0.001	3531.273	979580.299	-28.158	28.470	-10.323	-10.012	92.255
584080.1	6290597.6	9060	8408	-0.001	3531.393	979580.419	-28.038	28.408	-10.301	-9.931	92.055
584118.5	6290598.3	9060	8412	-0.001	3531.514	979580.540	-27.916	28.362	-10.284	-9.839	91.904
584159.1	6290598.1	9060	8416	-0.001	3531.433	979580.459	-27.997	28.442	-10.313	-9.869	92.163
584200.3	6290598.9	9060	8420	-0.001	3531.344	979580.370	-28.085	28.470	-10.323	-9.939	92.254
583279.3	6290797.4	9080	8328	-0.001	3527.226	979576.252	-32.060	32.775	-11.884	-11.170	106.206
583320.1	6290798.7	9080	8332	-0.001	3527.218	979576.244	-32.067	32.785	-11.888	-11.170	106.239
583359.7	6290797.9	9080	8336	-0.001	3527.203	979576.229	-32.082	32.826	-11.903	-11.159	106.371
583400.5	6290797.3	9080	8340	-0.001	3526.909	979575.935	-32.377	33.180	-12.031	-11.228	107.518
583440.4	6290795.5	9080	8344	-0.001	3526.597	979575.623	-32.690	33.603	-12.185	-11.271	108.890
583480.2	6290797.4	9080	8348	-0.001	3526.182	979575.208	-33.103	34.106	-12.367	-11.364	110.519

583511.7	6290796.0	9080	8352	-0.001	3525.882	979574.908	-33.404	34.526	-12.519	-11.397	111.879
583560.5	6290802.7	9080	8356	-0.001	3525.868	979574.894	-33.413	34.644	-12.562	-11.331	112.262
583598.2	6290798.2	9080	8360	-0.001	3526.362	979575.388	-32.922	34.134	-12.377	-11.165	110.609
583639.7	6290798.0	9080	8364	-0.001	3527.249	979576.275	-32.035	33.175	-12.029	-10.889	107.500
583679.5	6290798.2	9080	8368	-0.001	3527.876	979576.902	-31.407	32.523	-11.793	-10.677	105.388
583719.8	6290797.6	9080	8372	-0.001	3528.284	979577.310	-30.999	32.170	-11.665	-10.494	104.244
583759.8	6290798.0	9080	8376	-0.001	3528.648	979577.674	-30.635	31.880	-11.560	-10.315	103.305
583800.8	6290798.0	9080	8380	-0.001	3528.891	979577.917	-30.392	31.667	-11.483	-10.207	102.616
583840.6	6290798.4	9080	8384	-0.001	3529.073	979578.099	-30.209	31.436	-11.399	-10.172	101.867
583878.7	6290798.7	9080	8388	-0.001	3529.186	979578.212	-30.095	31.273	-11.340	-10.162	101.339
583917.8	6290799.0	9080	8392	-0.001	3529.239	979578.265	-30.042	31.127	-11.287	-10.202	100.866
583961.4	6290799.1	9080	8396	-0.001	3529.230	979578.256	-30.051	31.098	-11.276	-10.229	100.771
583999.1	6290799.6	9080	8400	-0.001	3529.295	979578.321	-29.985	31.066	-11.265	-10.183	100.669
584038.0	6290799.5	9080	8404	-0.001	3529.520	979578.546	-29.760	30.874	-11.195	-10.081	100.045
584078.7	6290800.1	9080	8408	-0.001	3529.656	979578.682	-29.623	30.754	-11.152	-10.020	99.658
584115.9	6290798.6	9080	8412	-0.001	3529.637	979578.663	-29.643	30.875	-11.195	-9.964	100.047
584157.6	6290790.1	9080	8416	-0.001	3529.643	979578.669	-29.643	30.895	-11.203	-9.951	100.112
584200.6	6290807.7	9080	8420	-0.001	3529.590	979578.616	-29.683	31.036	-11.254	-9.901	100.570
584239.1	6290797.7	9080	8424	-0.001	3530.124	979579.150	-29.156	30.407	-11.026	-9.775	98.531
583320.2	6291000.2	9100	8332	+0.000	3527.297	979576.323	-31.837	33.229	-12.049	-10.657	107.677
583360.7	6290999.1	9100	8336	+0.000	3527.698	979576.724	-31.436	32.700	-11.857	-10.594	105.962
583400.3	6290983.0	9100	8340	+0.000	3527.631	979576.657	-31.515	32.735	-11.870	-10.650	106.077
583440.4	6290967.3	9100	8344	+0.000	3527.558	979576.584	-31.600	32.833	-11.906	-10.672	106.395
583482.6	6290959.2	9100	8348	+0.000	3527.285	979576.311	-31.879	33.325	-12.084	-10.638	107.987
583515.4	6290996.7	9100	8352	+0.000	3527.558	979576.584	-31.577	33.331	-12.086	-10.332	108.008
583558.3	6291001.8	9100	8356	+0.000	3527.414	979576.440	-31.717	33.676	-12.211	-10.252	109.126
583599.1	6290998.7	9100	8360	+0.000	3527.179	979576.205	-31.954	34.079	-12.357	-10.232	110.431
583641.3	6290999.1	9100	8364	+0.000	3526.781	979575.807	-32.352	34.706	-12.584	-10.231	112.462
583679.1	6290999.2	9100	8368	+0.000	3526.288	979575.314	-32.845	35.345	-12.816	-10.316	114.534
583720.0	6290999.8	9100	8372	+0.000	3526.294	979575.320	-32.838	35.383	-12.830	-10.285	114.655
583761.1	6290998.8	9100	8376	-0.001	3526.493	979575.519	-32.639	35.183	-12.757	-10.214	114.008
583797.2	6290997.2	9100	8380	-0.001	3526.543	979575.569	-32.590	35.124	-12.736	-10.202	113.818
583838.8	6290998.3	9100	8384	-0.001	3526.642	979575.668	-32.490	34.946	-12.671	-10.216	113.239
583877.2	6290992.2	9100	8388	-0.001	3526.561	979575.587	-32.575	34.991	-12.688	-10.272	113.385
583919.9	6291018.5	9100	8392	-0.001	3527.029	979576.055	-32.087	34.422	-12.482	-10.147	111.544
583959.9	6290998.7	9100	8396	-0.001	3527.570	979576.596	-31.561	33.757	-12.241	-10.044	109.389
583996.3	6290997.9	9100	8400	-0.001	3528.137	979577.163	-30.994	33.066	-11.990	-9.918	107.149
584038.2	6291001.0	9100	8404	-0.001	3528.677	979577.703	-30.452	32.337	-11.726	-9.840	104.787
584078.4	6290999.5	9100	8408	-0.001	3529.251	979578.277	-29.879	31.662	-11.481	-9.697	102.600
584116.5	6290998.3	9100	8412	-0.001	3529.633	979578.659	-29.497	31.135	-11.290	-9.652	100.890
584157.7	6290998.7	9100	8416	-0.001	3529.901	979578.927	-29.229	30.762	-11.154	-9.621	99.682
584198.8	6290998.5	9100	8420	-0.001	3530.238	979579.264	-28.891	30.310	-10.990	-9.572	98.217
584240.4	6290998.7	9100	8424	-0.001	3530.593	979579.619	-28.536	29.872	-10.832	-9.495	96.800
582437.4	6291200.2	9120	8244	-0.002	3526.538	979575.564	-32.452	32.081	-11.633	-12.003	103.956
583321.4	6291197.2	9120	8332	+0.000	3527.576	979576.602	-31.410	33.309	-12.078	-10.179	107.937
583361.3	6291196.7	9120	8336	+0.000	3527.396	979576.422	-31.590	33.549	-12.165	-10.206	108.715
583398.4	6291198.7	9120	8340	+0.000	3527.309	979576.335	-31.676	33.615	-12.189	-10.249	108.928
583439.6	6291198.9	9120	8344	+0.000	3527.033	979576.059	-31.951	33.944	-12.308	-10.315	109.994
583479.5	6291197.5	9120	8348	+0.000	3526.931	979575.957	-32.054	34.072	-12.355	-10.337	110.407
583516.7	6291198.6	9120	8352	+0.000	3527.073	979576.099	-31.911	33.941	-12.307	-10.277	109.985
583562.1	6291197.6	9120	8356	+0.000	3527.291	979576.317	-31.693	33.785	-12.250	-10.159	109.477
583598.3	6291198.5	9120	8360	+0.000	3527.140	979576.166	-31.843	33.995	-12.327	-10.175	110.159
583641.4	6291196.6	9120	8364	+0.000	3526.856	979575.882	-32.129	34.441	-12.489	-10.176	111.605
583680.2	6291195.1	9120	8368	+0.000	3526.925	979575.951	-32.060	34.488	-12.505	-10.078	111.756
583721.6	6291198.5	9120	8372	+0.000	3527.181	979576.207	-31.801	34.285	-12.432	-9.948	111.100
583756.6	6291199.1	9120	8376	+0.000	3527.197	979576.223	-31.785	34.348	-12.455	-9.891	111.303
583801.0	6291197.7	9120	8380	+0.000	3527.517	979576.543	-31.466	33.988	-12.324	-9.802	110.135
583837.5	6291198.4	9120	8384	+0.000	3527.555	979576.581	-31.427	33.923	-12.300	-9.805	109.924
583878.4	6291198.3	9120	8388	+0.000	3527.730	979576.756	-31.252	33.802	-12.257	-9.706	109.534
583915.6	6291197.9	9120	8392	+0.000	3527.613	979576.639	-31.369	33.957	-12.313	-9.725	110.035
583958.7	6291198.9	9120	8396	+0.000	3527.740	979576.766	-31.241	33.818	-12.263	-9.685	109.586
583998.1	6291199.1	9120	8400	+0.000	3527.979	979577.005	-31.001	33.512	-12.152	-9.640	108.595
584038.4	6291198.0	9120	8404	+0.000	3528.070	979577.096	-30.911	33.335	-12.088	-9.663	108.021
584078.6	6291196.0	9120	8408	+0.000	3528.064	979577.090	-30.918	33.343	-12.090	-9.665	108.046
584118.2	6291200.0	9120	8412	+0.000	3528.018	979577.044	-30.961	33.480	-12.140	-9.621	108.490
584159.2	6291201.0	9120	8416	+0.000	3528.502	979577.528	-30.476	32.880	-11.922	-9.519	106.545
584198.7	6291199.0	9120	8420	+0.000	3529.117	979578.143	-29.862	32.072	-11.629	-9.420	103.926
584243.2	6291197.7	9120	8424	+0.000	3529.611	979578.637	-29.369	31.460	-11.408	-9.316	101.944
583197.4	6291399.7	9140	8320	-0.002	3528.787	979577.813	-30.048	31.330	-11.360	-10.079	101.522
583239.3	6291398.8	9140	8324	-0.002	3528.406	979577.432	-30.429	31.952	-11.586	-10.063	103.539

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579663.9	6291472.4	0	2401	+0.000	3525.321	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.005	3525.321	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.012	3525.326	979574.164	-33.665	30.862	-11.191	-13.993	100.007
579663.9	6291472.4	0	2401	-0.004	3525.338	979574.164	-33.665	30.862	-11.191	-13.993	100.007
576800.9	6289597.4	8960	7680	-0.011	3523.489	979572.327	-36.926	31.193	-11.311	-17.044	101.080
576839.9	6289596.1	8960	7684	-0.011	3523.415	979572.253	-37.001	31.379	-11.378	-17.000	101.682
576882.8	6289597.0	8960	7688	-0.011	3523.368	979572.206	-37.047	31.448	-11.403	-17.002	101.906
576920.1	6289600.2	8960	7692	-0.011	3523.486	979572.324	-36.926	31.268	-11.338	-16.996	101.323
576959.3	6289600.4	8960	7696	-0.011	3523.611	979572.449	-36.801	31.076	-11.268	-16.993	100.700
577000.5	6289601.7	8960	7700	-0.011	3523.614	979572.452	-36.797	31.068	-11.266	-16.994	100.675
577040.5	6289598.0	8960	7704	-0.011	3523.455	979572.293	-36.958	31.235	-11.326	-17.049	101.216
577082.1	6289597.0	8960	7708	-0.011	3523.445	979572.283	-36.969	31.199	-11.313	-17.083	101.097
577121.0	6289599.7	8960	7712	-0.011	3523.411	979572.249	-37.001	31.279	-11.342	-17.064	101.357
577160.2	6289596.1	8960	7716	-0.010	3523.348	979572.186	-37.066	31.294	-11.347	-17.119	101.406

577203.4	6289597.9	8960	7720	-0.010	3523.275	979572.113	-37.137	31.433	-11.398	-17.102	101.857
577240.4	6289599.2	8960	7724	-0.010	3523.182	979572.020	-37.229	31.588	-11.454	-17.095	102.359
577279.9	6289597.1	8960	7728	-0.010	3522.911	979571.749	-37.502	31.922	-11.575	-17.155	103.440
577319.4	6289601.1	8960	7732	-0.010	3522.627	979571.465	-37.782	32.267	-11.700	-17.216	104.558
577358.3	6289599.3	8960	7736	-0.010	3522.829	979571.667	-37.581	31.972	-11.593	-17.203	103.602
577399.2	6289594.8	8960	7740	-0.010	3522.895	979571.733	-37.519	31.868	-11.556	-17.206	103.267
577440.4	6289598.4	8960	7744	-0.010	3522.984	979571.822	-37.427	31.739	-11.509	-17.197	102.847
577480.5	6289596.0	8960	7748	-0.010	3523.110	979571.948	-37.302	31.522	-11.430	-17.210	102.145
577522.2	6289598.3	8960	7752	-0.010	3523.146	979571.984	-37.264	31.472	-11.412	-17.204	101.984
577557.2	6289599.9	8960	7756	-0.010	3523.032	979571.870	-37.377	31.600	-11.458	-17.235	102.397
577601.3	6289595.5	8960	7760	-0.010	3523.040	979571.878	-37.372	31.606	-11.460	-17.227	102.416
577637.6	6289602.0	8960	7764	-0.010	3523.031	979571.869	-37.376	31.679	-11.487	-17.183	102.655
577676.7	6289597.5	8960	7768	-0.010	3523.042	979571.880	-37.368	31.694	-11.493	-17.166	102.704
577720.7	6289596.4	8960	7772	-0.010	3523.020	979571.858	-37.390	31.776	-11.522	-17.137	102.968
577761.4	6289599.4	8960	7776	-0.010	3522.988	979571.826	-37.420	31.864	-11.554	-17.110	103.253
577800.1	6289601.6	8960	7780	-0.010	3522.922	979571.760	-37.484	32.028	-11.614	-17.069	103.786
577839.3	6289598.4	8960	7784	-0.009	3522.860	979571.698	-37.548	32.193	-11.673	-17.029	104.318
577881.0	6289600.9	8960	7788	-0.009	3522.747	979571.585	-37.659	32.407	-11.751	-17.003	105.014
577918.5	6289595.3	8960	7792	-0.009	3522.846	979571.684	-37.564	32.343	-11.728	-16.949	104.804
577959.4	6289596.6	8960	7796	-0.009	3523.095	979571.933	-37.314	32.064	-11.626	-16.877	103.900
578002.7	6289598.5	8960	7800	-0.009	3523.389	979572.227	-37.018	31.814	-11.536	-16.740	103.090
578037.8	6289598.2	8960	7804	-0.009	3523.566	979572.404	-36.841	31.695	-11.493	-16.639	102.706
576926.7	6289797.3	8980	7692	-0.007	3523.865	979572.703	-36.399	30.508	-11.062	-16.954	98.859
576960.4	6289797.6	8980	7696	-0.007	3523.819	979572.657	-36.445	30.598	-11.095	-16.942	99.151
576999.7	6289793.2	8980	7700	-0.007	3523.810	979572.648	-36.457	30.610	-11.099	-16.946	99.189
577039.4	6289797.9	8980	7704	-0.008	3523.663	979572.501	-36.600	30.808	-11.171	-16.963	99.832
577078.2	6289799.2	8980	7708	-0.008	3523.504	979572.342	-36.758	31.006	-11.243	-16.995	100.472
577118.7	6289799.5	8980	7712	-0.008	3523.235	979572.073	-37.027	31.347	-11.367	-17.046	101.578
577157.2	6289797.4	8980	7716	-0.008	3522.992	979571.830	-37.271	31.687	-11.490	-17.074	102.679
577201.9	6289803.0	8980	7720	-0.008	3522.959	979571.797	-37.300	31.776	-11.522	-17.046	102.969
577237.8	6289797.3	8980	7724	-0.008	3523.142	979571.980	-37.120	31.604	-11.460	-16.976	102.410
577278.4	6289796.6	8980	7728	-0.008	3523.266	979572.104	-36.997	31.569	-11.447	-16.875	102.296
577319.4	6289797.9	8980	7732	-0.008	3523.294	979572.132	-36.968	31.586	-11.453	-16.835	102.352
577358.2	6289798.2	8980	7736	-0.008	3523.347	979572.185	-36.914	31.559	-11.444	-16.798	102.266
577401.2	6289801.7	8980	7740	-0.008	3523.328	979572.166	-36.930	31.615	-11.464	-16.779	102.448
577438.1	6289796.6	8980	7744	-0.008	3523.380	979572.218	-36.882	31.583	-11.452	-16.751	102.344
577478.5	6289795.7	8980	7748	-0.008	3523.621	979572.459	-36.641	31.335	-11.362	-16.669	101.538
577518.8	6289796.3	8980	7752	-0.008	3523.868	979572.706	-36.394	31.066	-11.265	-16.592	100.669
577558.4	6289797.6	8980	7756	-0.008	3523.848	979572.686	-36.412	31.076	-11.268	-16.605	100.699
577598.5	6289796.9	8980	7760	-0.008	3523.747	979572.585	-36.514	31.148	-11.294	-16.660	100.933
577642.6	6289799.6	8980	7764	-0.008	3523.728	979572.566	-36.530	31.098	-11.276	-16.709	100.770
577679.0	6289799.7	8980	7768	-0.008	3523.807	979572.645	-36.451	30.964	-11.228	-16.715	100.336
577719.9	6289796.3	8980	7772	-0.008	3523.746	979572.584	-36.515	31.043	-11.256	-16.728	100.593
577760.5	6289800.8	8980	7776	-0.009	3523.948	979572.786	-36.309	30.887	-11.200	-16.622	100.086
577797.3	6289797.5	8980	7780	-0.009	3523.938	979572.776	-36.321	30.990	-11.237	-16.568	100.420
577839.2	6289796.6	8980	7784	-0.009	3524.036	979572.874	-36.223	30.994	-11.239	-16.468	100.435
577877.6	6289796.5	8980	7788	-0.009	3524.116	979572.954	-36.143	31.048	-11.258	-16.353	100.610
577917.9	6289796.3	8980	7792	-0.009	3524.057	979572.895	-36.202	31.211	-11.317	-16.308	101.139
577958.1	6289796.3	8980	7796	-0.009	3523.949	979572.787	-36.310	31.440	-11.400	-16.271	101.878
577999.2	6289797.1	8980	7800	-0.009	3524.033	979572.871	-36.225	31.371	-11.375	-16.230	101.655
578037.8	6289798.9	8980	7804	-0.009	3524.188	979573.026	-36.068	31.243	-11.329	-16.154	101.241
578077.2	6289799.1	8980	7808	-0.009	3524.336	979573.174	-35.920	31.092	-11.274	-16.102	100.753
577041.7	6289988.2	9000	7704	-0.006	3523.806	979572.644	-36.315	30.420	-11.031	-16.925	98.575
577078.4	6289996.5	9000	7708	-0.006	3523.592	979572.430	-36.522	30.753	-11.151	-16.920	99.652
577119.5	6290002.2	9000	7712	-0.006	3523.344	979572.182	-36.766	31.107	-11.280	-16.938	100.801
577160.4	6290000.5	9000	7716	-0.006	3523.398	979572.236	-36.712	31.090	-11.273	-16.896	100.745
577197.6	6290001.6	9000	7720	-0.006	3523.502	979572.340	-36.608	31.010	-11.244	-16.842	100.485
577241.3	6289998.6	9000	7724	-0.006	3523.560	979572.398	-36.551	30.982	-11.234	-16.804	100.396
577280.9	6289997.9	9000	7728	-0.006	3523.550	979572.388	-36.562	31.098	-11.276	-16.740	100.772
577319.3	6289998.8	9000	7732	-0.006	3523.591	979572.429	-36.520	31.083	-11.271	-16.707	100.724
577358.9	6289999.4	9000	7736	-0.006	3523.754	979572.592	-36.356	30.986	-11.236	-16.606	100.407
577399.4	6289998.8	9000	7740	-0.006	3523.767	979572.605	-36.343	31.031	-11.252	-16.564	100.555
577439.9	6289998.2	9000	7744	-0.005	3523.557	979572.395	-36.553	31.294	-11.347	-16.607	101.406
577480.1	6289998.0	9000	7748	-0.005	3523.470	979572.308	-36.640	31.439	-11.400	-16.601	101.876
577519.9	6289998.7	9000	7752	-0.005	3523.515	979572.353	-36.595	31.406	-11.388	-16.577	101.769
577560.2	6289998.6	9000	7756	-0.005	3523.769	979572.607	-36.341	31.158	-11.298	-16.480	100.967
577598.9	6289998.6	9000	7760	-0.005	3523.971	979572.809	-36.138	30.900	-11.205	-16.443	100.130
577639.8	6289998.6	9000	7764	-0.005	3524.135	979572.973	-35.974	30.709	-11.135	-16.400	99.510
577679.4	6289998.8	9000	7768	-0.005	3524.235	979573.073	-35.874	30.583	-11.089	-16.380	99.101
577719.6	6289998.7	9000	7772	-0.005	3524.460	979573.298	-35.649	30.323	-10.995	-16.321	98.259
577760.4	6289999.1	9000	7776	-0.005	3524.560	979573.398	-35.548	30.222	-10.958	-16.285	97.931
577799.4	6289999.2	9000	7780	-0.005	3524.642	979573.480	-35.466	30.201	-10.951	-16.216	97.864
577839.1	6289998.5	9000	7784	-0.005	3524.650	979573.488	-35.458	30.244	-10.967	-16.181	98.004
577878.6	6289999.9	9000	7788	-0.005	3524.767	979573.605	-35.340	30.195	-10.949	-16.094	97.844
577918.7	6289999.1	9000	7792	-0.005	3524.758	979573.596	-35.349	30.302	-10.988	-16.035	98.192
577958.9	6289999.3	9000	7796	-0.005	3524.734	979573.572	-35.373	30.458	-11.044	-15.959	98.697
577998.9	6289999.5	9000	7800	-0.005	3524.777	979573.615	-35.329	30.432	-11.035	-15.932	98.612
578039.7	6289998.7	9000	7804	-0.005	3524.778	979573.616	-35.329	30.498	-11.059	-15.889	98.827
578079.5	6289999.2	9000	7808	-0.005	3524.741	979573.579	-35.365	30.635	-11.109	-15.838	99.272
578120.0	6289998.6	9000	7812	-0.005	3524.586	979573.424	-35.520	30.833	-11.180	-15.867	99.914
578160.1	6289998.6	9000	7816	-0.004	3524.569	979573.407	-35.537	30.809	-11.171	-15.900	99.834
577151.7	6290207.0	9020	7716	-0.003	3523.713	979572.551	-36.243	30.882	-11.198	-16.558	100.072
577200.6	6290196.9	9020	7720	-0.003	3523.855	979572.693	-36.108	30.728	-11.142	-16.522	99.573
577239.9	6290197.5	9020	7724	-0.003	3524.173	979573.011	-35.789	30.365	-11.010	-16.435	98.395
577279.0	6290197.7	9020	7728	-0.003	3524.314	979573.152	-35.648	30.198	-10.950	-16.400	97.854

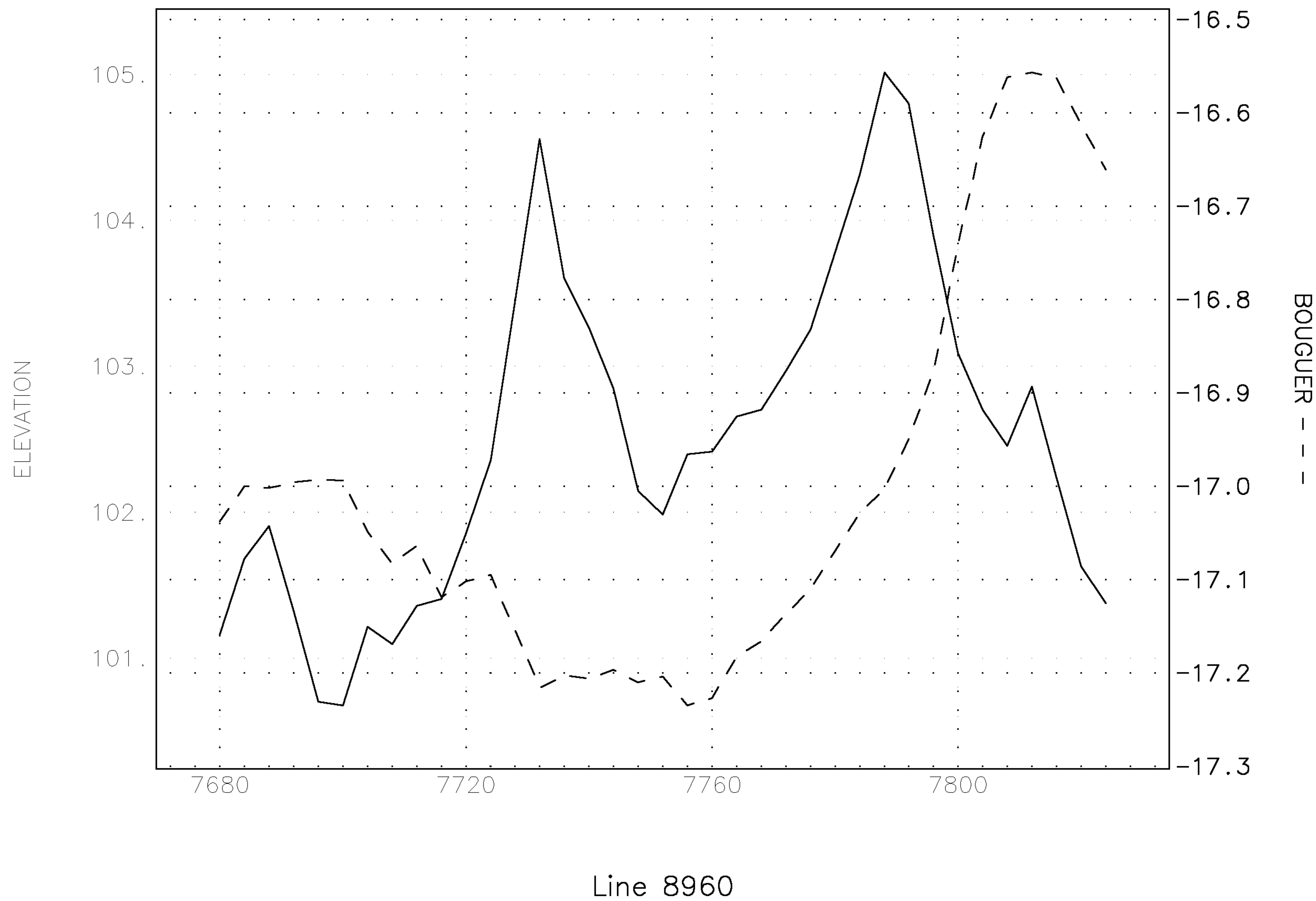
577318.7	6290197.3	9020	7732	-0.003	3524.380	979573.218	-35.582	30.076	-10.906	-16.411	97.460
577359.3	6290197.2	9020	7736	-0.003	3524.412	979573.250	-35.550	30.034	-10.891	-16.406	97.325
577399.8	6290197.7	9020	7740	-0.003	3524.450	979573.288	-35.511	29.981	-10.871	-16.401	97.151
577439.6	6290197.7	9020	7744	-0.003	3524.658	979573.496	-35.303	29.739	-10.784	-16.347	96.368
577480.0	6290197.8	9020	7748	-0.003	3524.705	979573.543	-35.256	29.717	-10.775	-16.314	96.296
577519.3	6290198.1	9020	7752	-0.003	3524.708	979573.546	-35.252	29.796	-10.804	-16.260	96.551
577562.1	6290196.6	9020	7756	-0.003	3524.642	979573.480	-35.319	29.922	-10.850	-16.247	96.961
577599.4	6290197.8	9020	7760	-0.003	3524.684	979573.522	-35.276	29.900	-10.842	-16.218	96.890
577639.3	6290197.6	9020	7764	-0.004	3524.691	979573.529	-35.269	29.996	-10.877	-16.149	97.200
577678.8	6290197.4	9020	7768	-0.004	3524.696	979573.534	-35.264	30.072	-10.904	-16.096	97.445
577719.3	6290196.9	9020	7772	-0.004	3524.704	979573.542	-35.256	30.105	-10.916	-16.067	97.552
577759.6	6290197.7	9020	7776	-0.004	3524.714	979573.552	-35.245	30.135	-10.927	-16.037	97.651
577799.5	6290197.2	9020	7780	-0.004	3524.741	979573.579	-35.218	30.162	-10.937	-15.993	97.737
577838.2	6290197.4	9020	7784	-0.004	3524.939	979573.777	-35.020	29.968	-10.867	-15.918	97.111
577879.5	6290198.1	9020	7788	-0.004	3525.196	979574.034	-34.762	29.709	-10.773	-15.826	96.271
577919.0	6290198.8	9020	7792	-0.004	3525.273	979574.111	-34.684	29.758	-10.790	-15.716	96.430
577958.9	6290197.4	9020	7796	-0.004	3525.389	979574.227	-34.569	29.687	-10.765	-15.647	96.200
577998.7	6290197.0	9020	7800	-0.004	3525.502	979574.340	-34.456	29.606	-10.735	-15.585	95.937
578040.3	6290197.5	9020	7804	-0.004	3525.423	979574.261	-34.534	29.713	-10.774	-15.596	96.283
578079.0	6290196.9	9020	7808	-0.004	3525.416	979574.254	-34.542	29.702	-10.770	-15.610	96.247
578119.6	6290197.8	9020	7812	-0.004	3525.474	979574.312	-34.483	29.563	-10.720	-15.639	95.798
578159.4	6290198.0	9020	7816	-0.004	3525.486	979574.324	-34.470	29.513	-10.702	-15.659	95.635
578198.3	6290197.2	9020	7820	-0.004	3525.374	979574.212	-34.583	29.646	-10.750	-15.686	96.067
578238.3	6290197.8	9020	7824	-0.004	3525.029	979573.867	-34.927	30.113	-10.919	-15.733	97.579
582399.5	6290599.2	9060	8240	-0.001	3527.397	979576.235	-32.232	30.358	-11.008	-12.882	98.372
582439.2	6290600.0	9060	8244	-0.001	3526.801	979575.639	-32.827	31.211	-11.317	-12.933	101.139
582480.4	6290597.3	9060	8248	-0.001	3527.023	979575.861	-32.607	31.151	-11.295	-12.751	100.943
582518.2	6290598.8	9060	8252	-0.001	3527.254	979576.092	-32.374	31.015	-11.246	-12.605	100.503
582561.2	6290596.5	9060	8256	-0.001	3527.399	979576.237	-32.231	31.025	-11.250	-12.456	100.534
582599.9	6290600.4	9060	8260	-0.001	3527.338	979576.176	-32.288	31.214	-11.318	-12.393	101.146
582640.5	6290595.6	9060	8264	-0.001	3527.503	979576.341	-32.127	31.132	-11.289	-12.283	100.883
582680.5	6290597.7	9060	8268	-0.001	3527.828	979576.666	-31.800	30.828	-11.178	-12.150	99.896
582721.5	6290597.2	9060	8272	-0.001	3527.801	979576.639	-31.827	30.994	-11.239	-12.071	100.435
582759.6	6290595.3	9060	8276	-0.001	3527.695	979576.533	-31.934	31.246	-11.330	-12.018	101.250
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582839.2	6290599.4	9060	8284	-0.001	3528.076	979576.914	-31.550	30.974	-11.231	-11.807	100.369
582878.3	6290597.3	9060	8288	-0.001	3528.144	979576.982	-31.483	30.899	-11.204	-11.788	100.126
582919.4	6290598.4	9060	8292	-0.001	3528.081	979576.919	-31.545	30.974	-11.231	-11.803	100.369
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582997.4	6290599.2	9060	8300	-0.001	3527.697	979576.535	-31.928	31.641	-11.473	-11.760	102.530
583039.3	6290598.5	9060	8304	-0.001	3527.378	979576.216	-32.247	32.123	-11.648	-11.772	104.093
583076.9	6290598.9	9060	8308	-0.001	3527.167	979576.005	-32.458	32.426	-11.758	-11.789	105.076
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583158.5	6290598.5	9060	8316	-0.002	3526.878	979575.716	-32.746	32.918	-11.936	-11.764	106.669
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578639.3	6291199.3	9120	7864	-0.012	3527.858	979576.696	-31.344	27.349	-9.917	-13.912	88.622
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D234

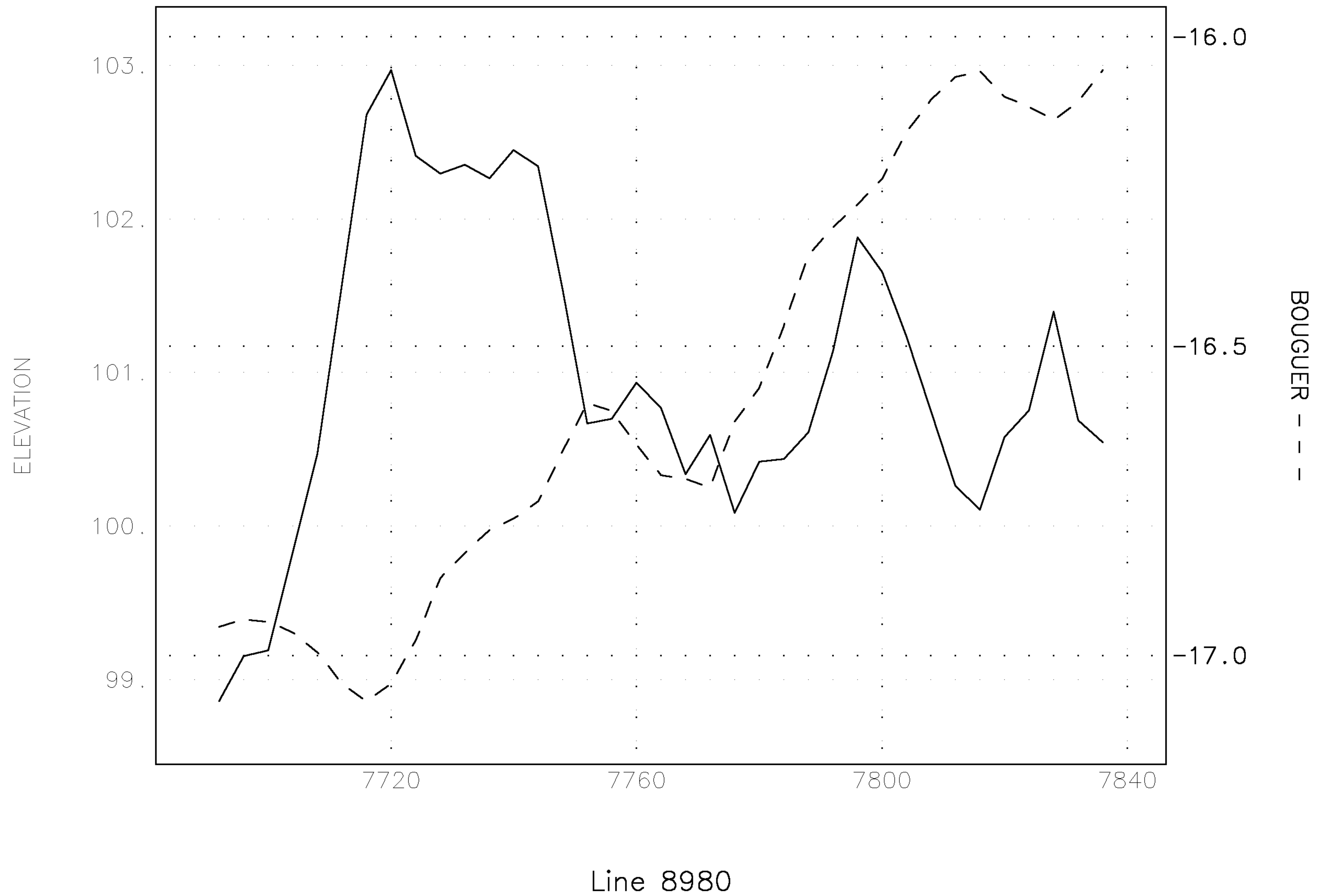
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578161.3	6289597.7	8960	7816	+0.003	3523.934	979572.572	-36.673	31.550	-11.440	-16.563	102.235
578200.3	6289597.6	8960	7820	+0.003	3524.003	979572.641	-36.604	31.362	-11.372	-16.613	101.628
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578197.1	6289797.4	8980	7820	+0.003	3524.576	979573.214	-35.881	31.039	-11.255	-16.097	100.579
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578317.6	6289798.3	8980	7832	+0.003	3524.545	979573.183	-35.910	31.072	-11.267	-16.105	100.687
578359.6	6289798.3	8980	7836	+0.003	3524.624	979573.262	-35.831	31.028	-11.251	-16.054	100.544
578199.6	6289997.4	9000	7820	+0.002	3525.153	979573.791	-35.154	30.449	-11.041	-15.746	98.667
578240.1	6289999.4	9000	7824	+0.002	3525.553	979574.191	-34.752	29.936	-10.855	-15.670	97.007
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578401.6	6289997.8	9000	7840	+0.002	3525.940	979574.578	-34.365	29.606	-10.735	-15.495	95.935
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578517.9	6290199.3	9020	7852	+0.001	3525.605	979574.243	-34.548	30.015	-10.883	-15.417	97.261
578557.1	6290198.6	9020	7856	+0.002	3525.540	979574.178	-34.613	30.107	-10.917	-15.423	97.560
578598.2	6290197.2	9020	7860	+0.002	3525.432	979574.070	-34.722	30.230	-10.962	-15.454	97.960

578438.4	6290797.9	9080	7844	+0.007	3527.106	979575.744	-32.599	28.210	-10.229	-14.618	91.413
578480.9	6290799.0	9080	7848	+0.006	3527.247	979575.885	-32.456	28.092	-10.186	-14.551	91.030
578520.5	6290798.6	9080	7852	+0.006	3527.253	979575.891	-32.451	28.142	-10.204	-14.513	91.191
578559.0	6290798.9	9080	7856	+0.006	3527.300	979575.938	-32.403	28.106	-10.191	-14.488	91.077
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578642.1	6290798.3	9080	7864	+0.006	3527.476	979576.114	-32.227	27.987	-10.148	-14.388	90.690
578680.6	6290798.3	9080	7868	+0.006	3527.521	979576.159	-32.182	27.993	-10.150	-14.339	90.710
578719.2	6290798.2	9080	7872	+0.006	3527.506	979576.144	-32.197	28.148	-10.207	-14.255	91.213
578760.5	6290798.5	9080	7876	+0.006	3527.444	979576.082	-32.258	28.386	-10.293	-14.165	91.984
578800.0	6290798.8	9080	7880	+0.006	3527.316	979575.954	-32.386	28.714	-10.412	-14.084	93.045
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578679.1	6290997.9	9100	7868	+0.005	3527.250	979575.888	-32.303	28.227	-10.235	-14.311	91.469
578718.9	6290997.6	9100	7872	+0.005	3527.030	979575.668	-32.523	28.516	-10.340	-14.347	92.405
578759.0	6290996.9	9100	7876	+0.005	3526.791	979575.429	-32.762	28.804	-10.444	-14.403	93.337
578799.5	6290996.0	9100	7880	+0.005	3526.932	979575.570	-32.622	28.684	-10.401	-14.338	92.949
578838.2	6290997.6	9100	7884	+0.005	3527.230	979575.868	-32.322	28.369	-10.287	-14.240	91.928
578879.7	6290996.5	9100	7888	+0.005	3527.241	979575.879	-32.312	28.435	-10.311	-14.188	92.142
578919.8	6290996.8	9100	7892	+0.005	3527.281	979575.919	-32.271	28.547	-10.351	-14.075	92.506
578959.4	6290996.9	9100	7896	+0.005	3527.394	979576.032	-32.158	28.579	-10.363	-13.942	92.610
578998.7	6290997.1	9100	7900	+0.005	3527.560	979576.198	-31.992	28.493	-10.332	-13.831	92.329
579037.0	6290996.4	9100	7904	+0.005	3527.730	979576.368	-31.822	28.344	-10.278	-13.756	91.847
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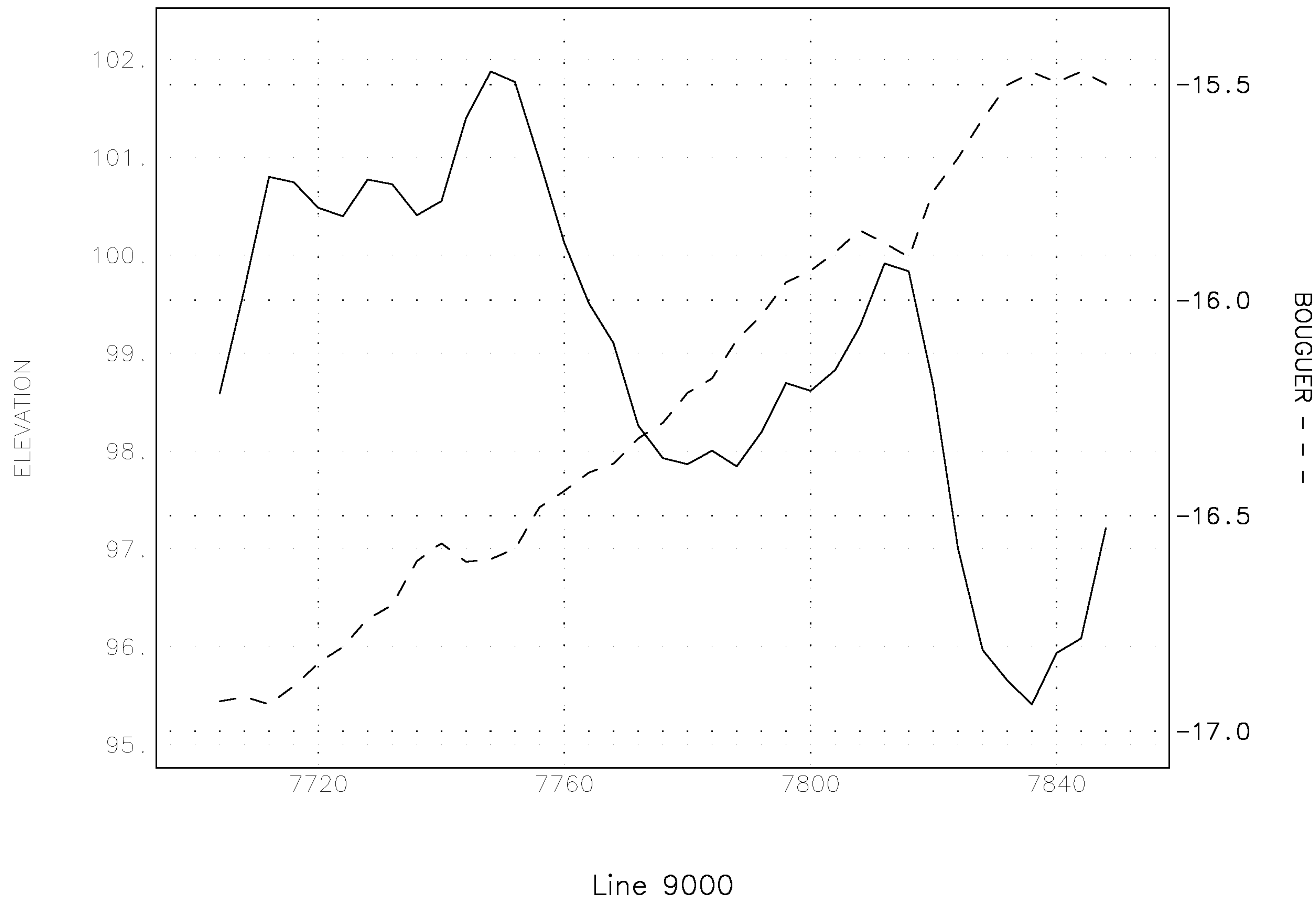
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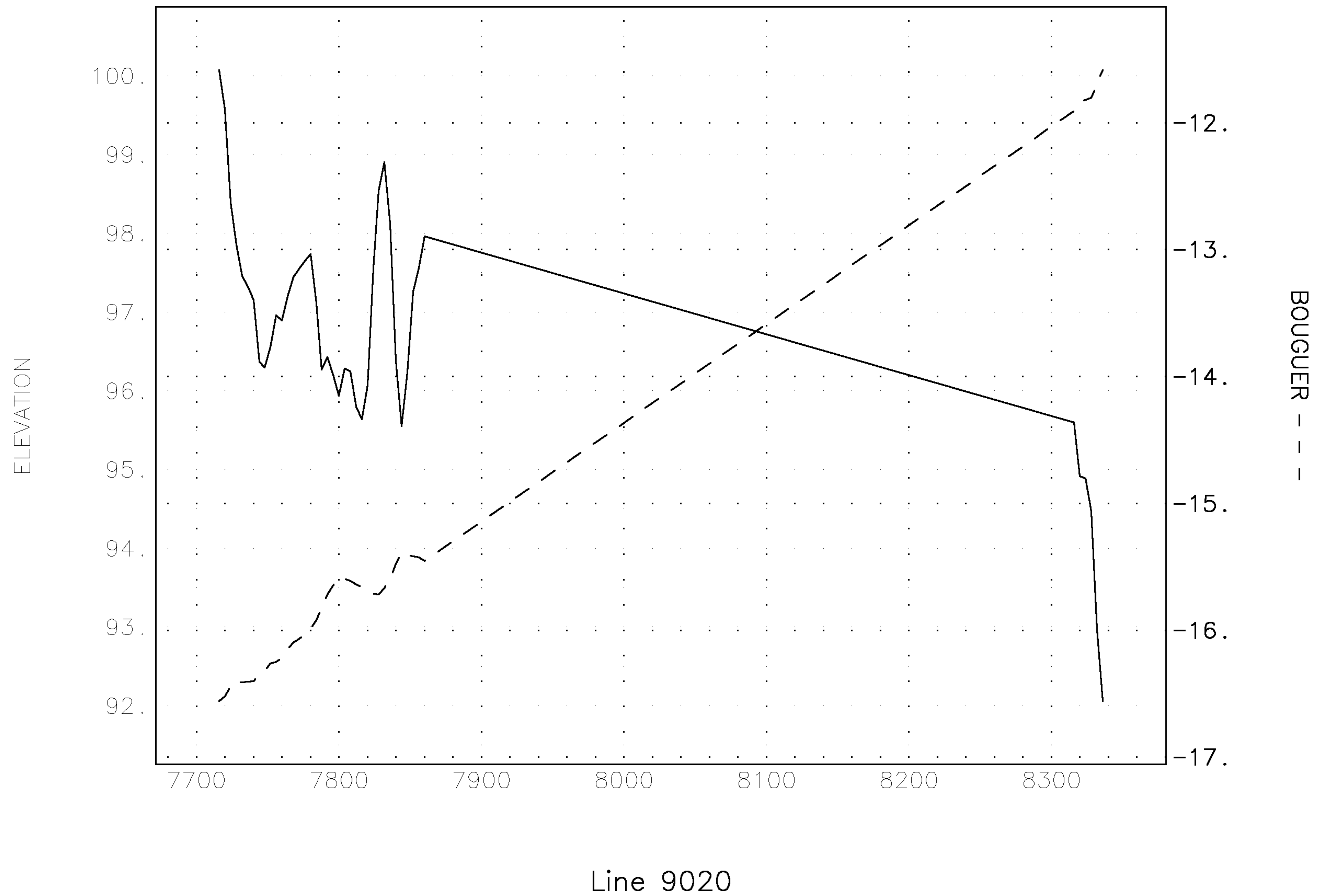
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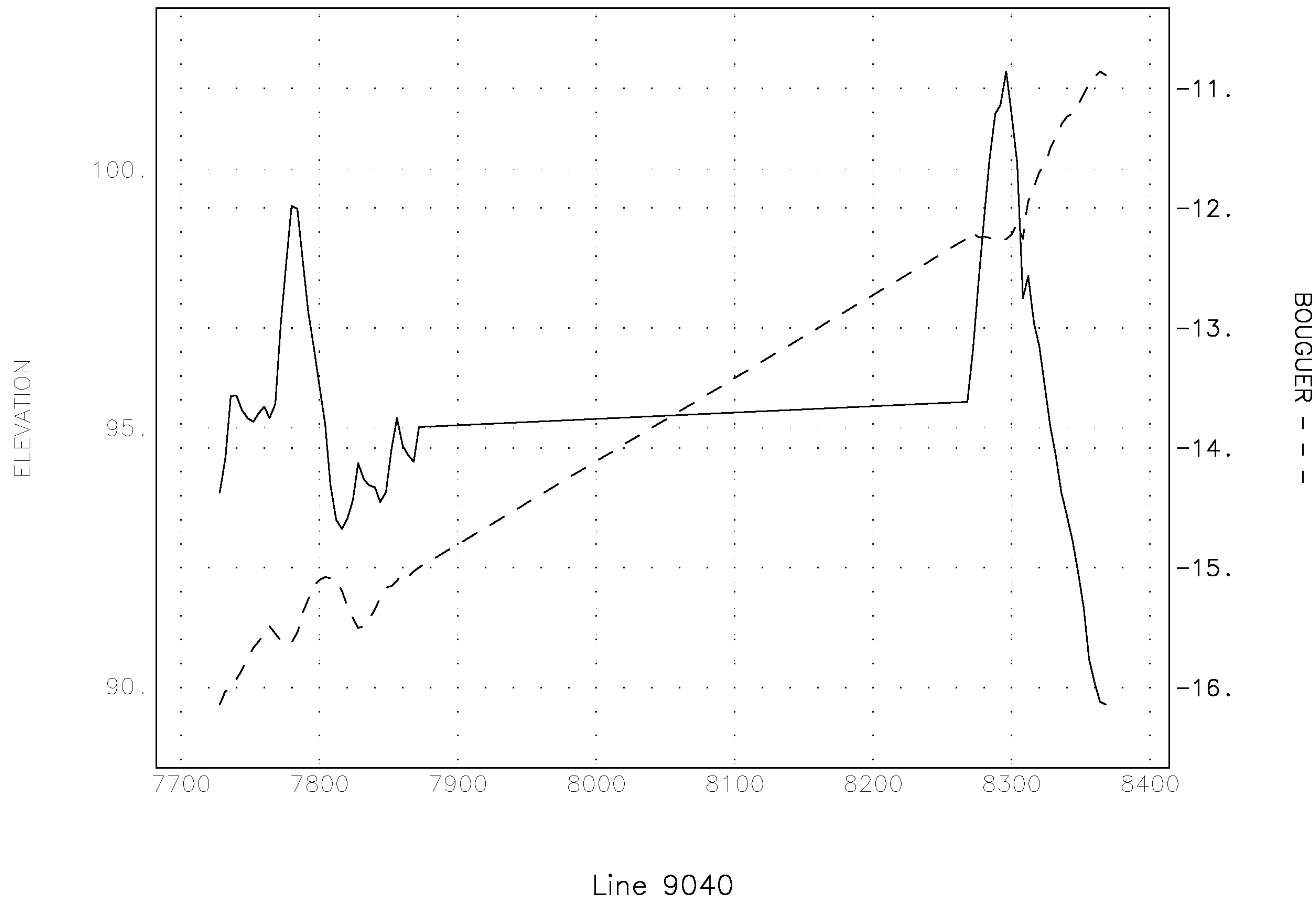
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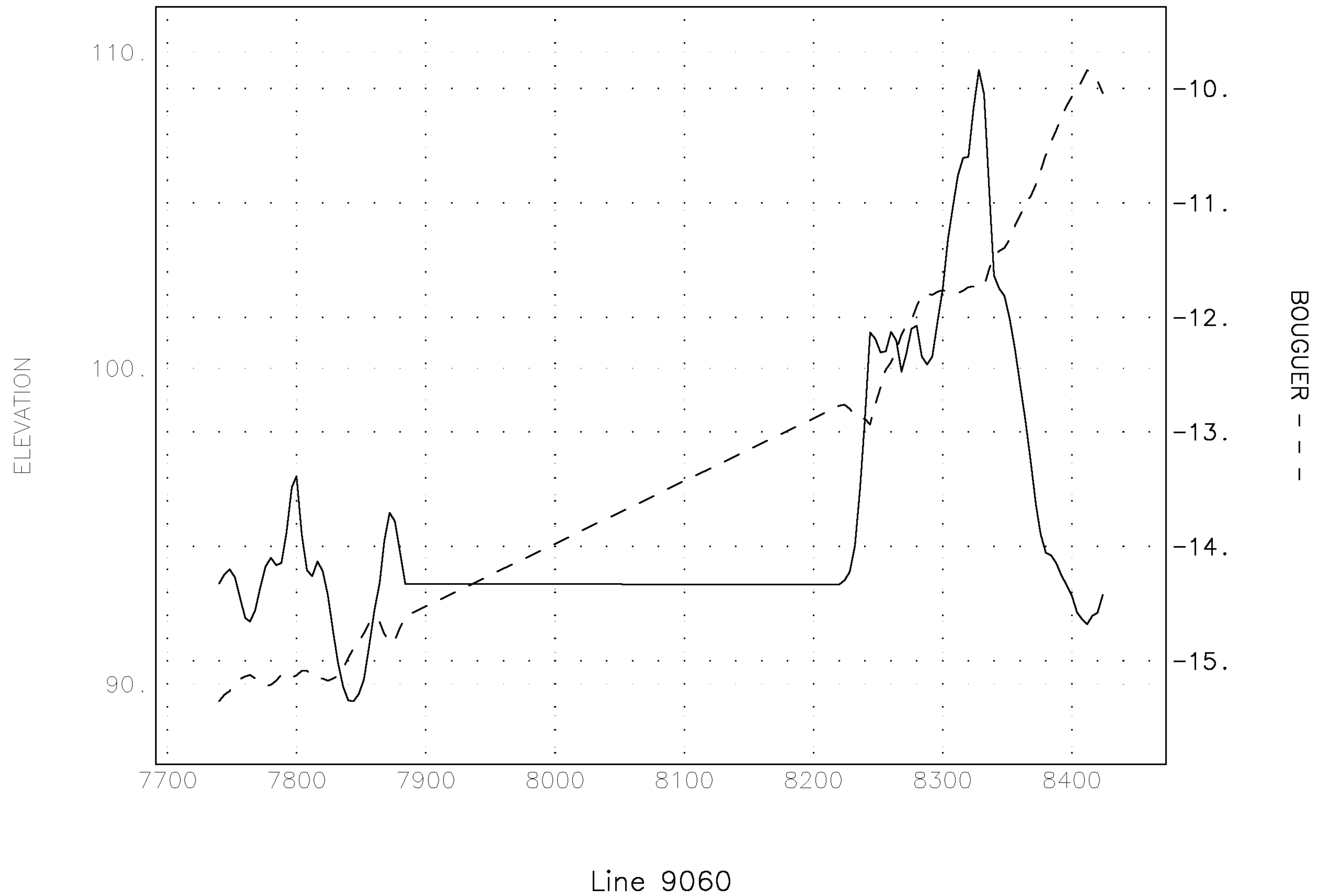
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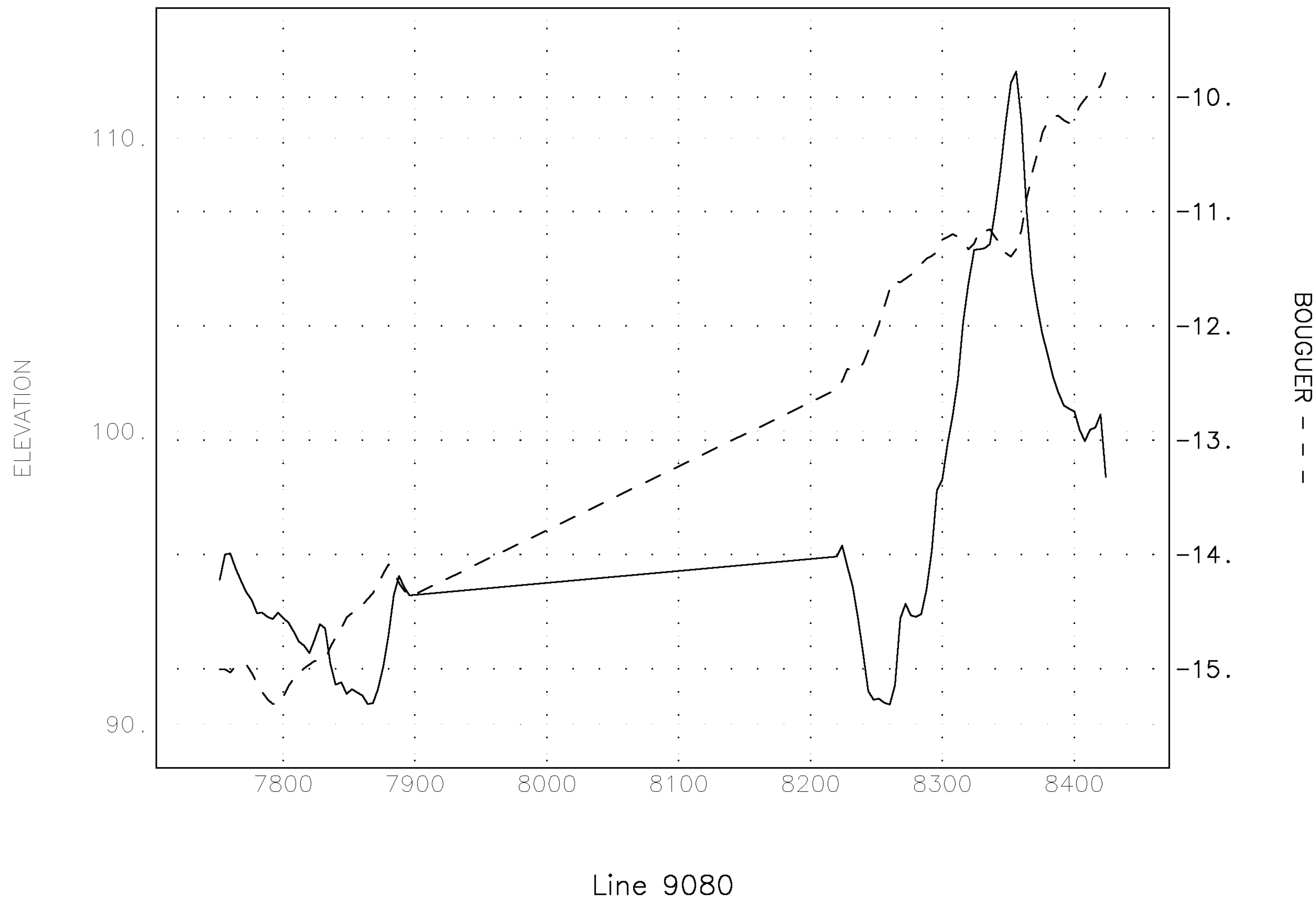
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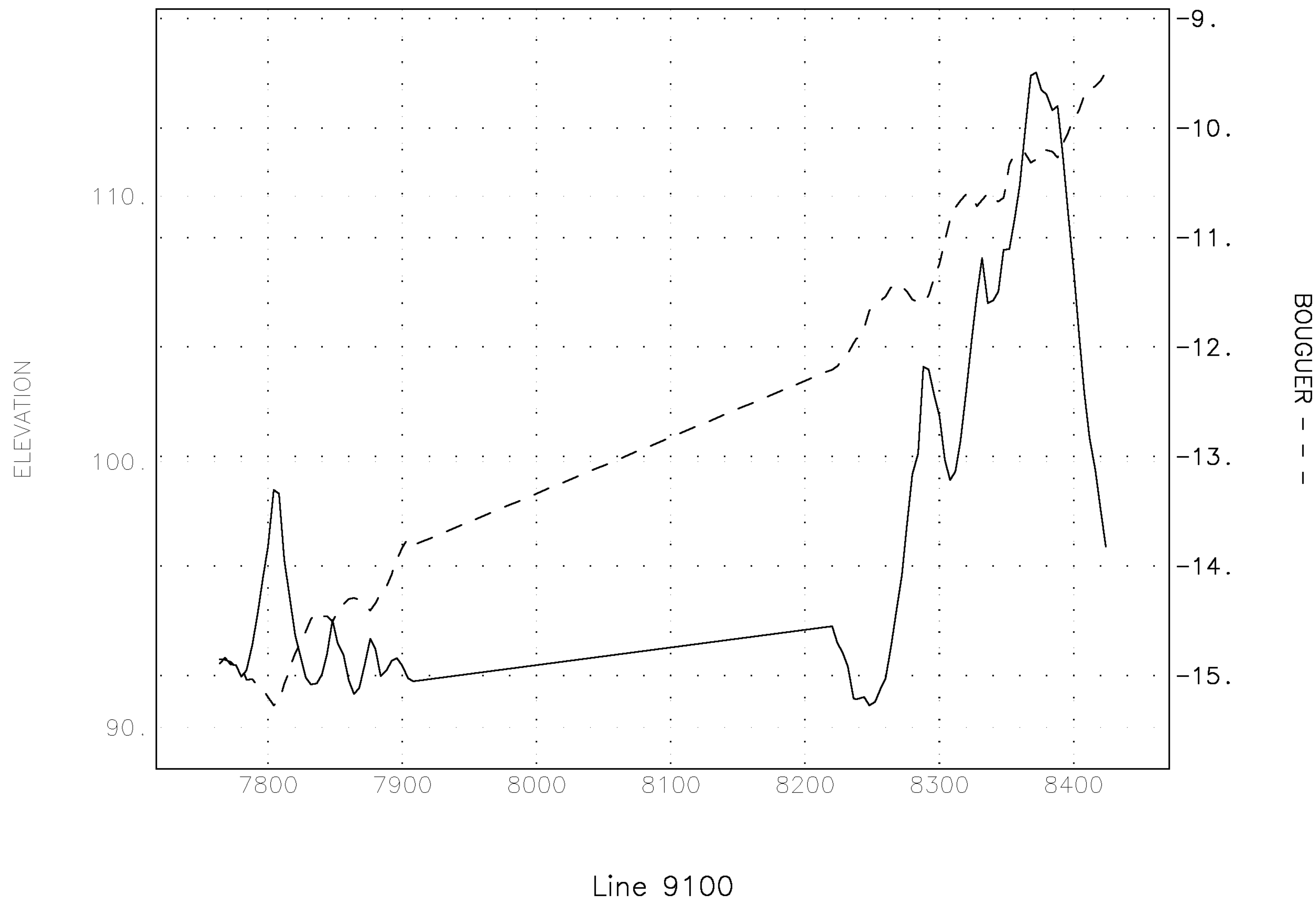
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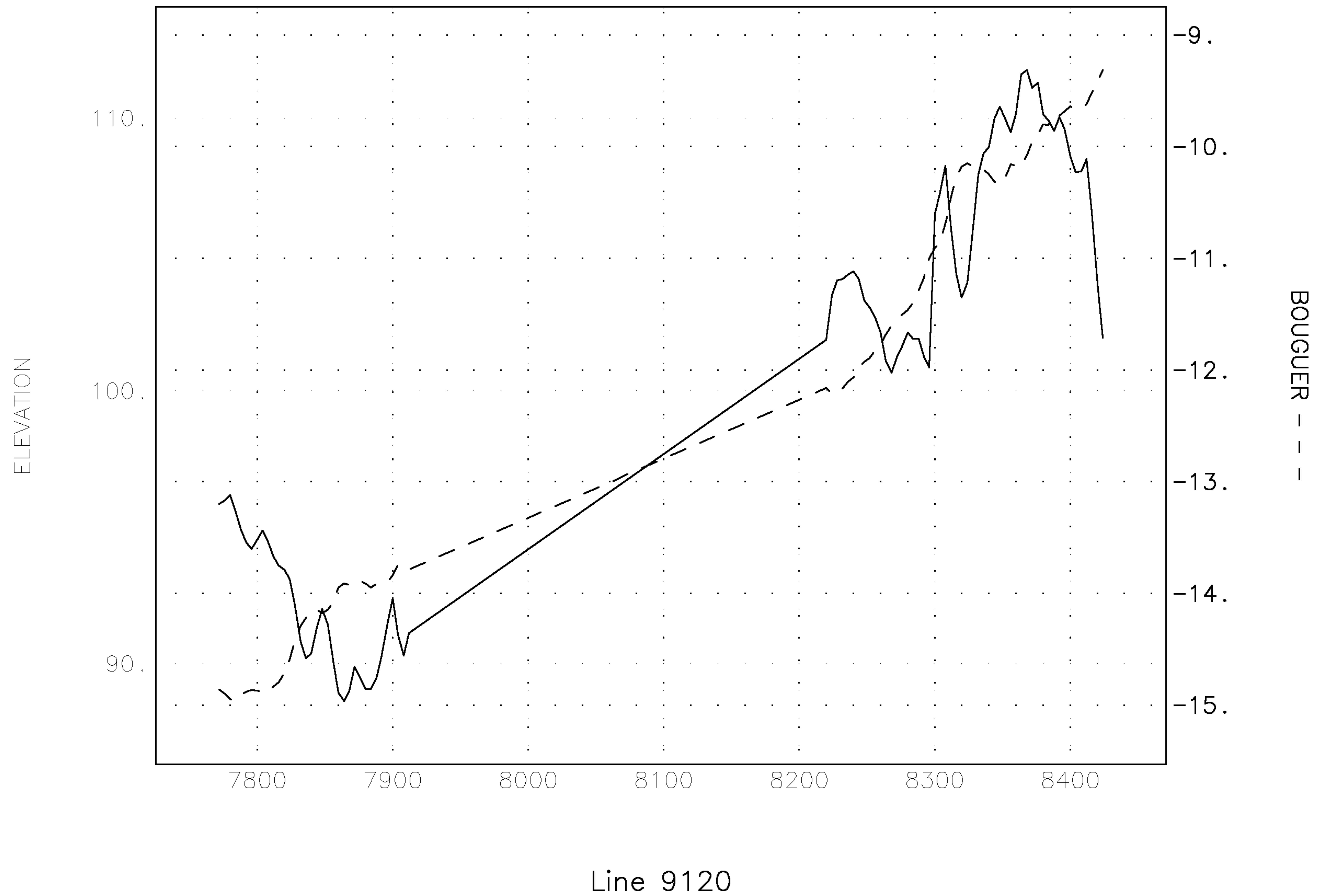
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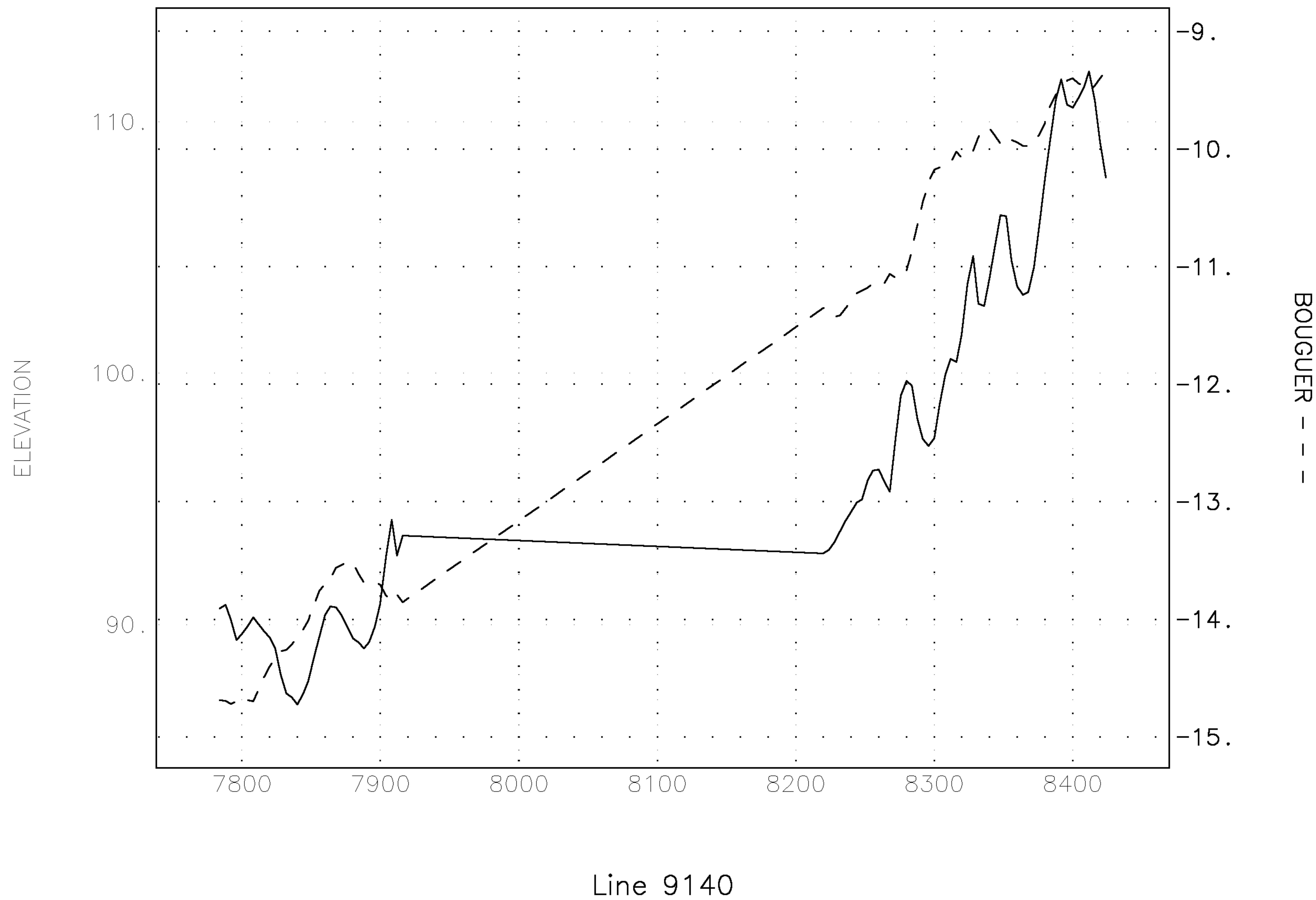
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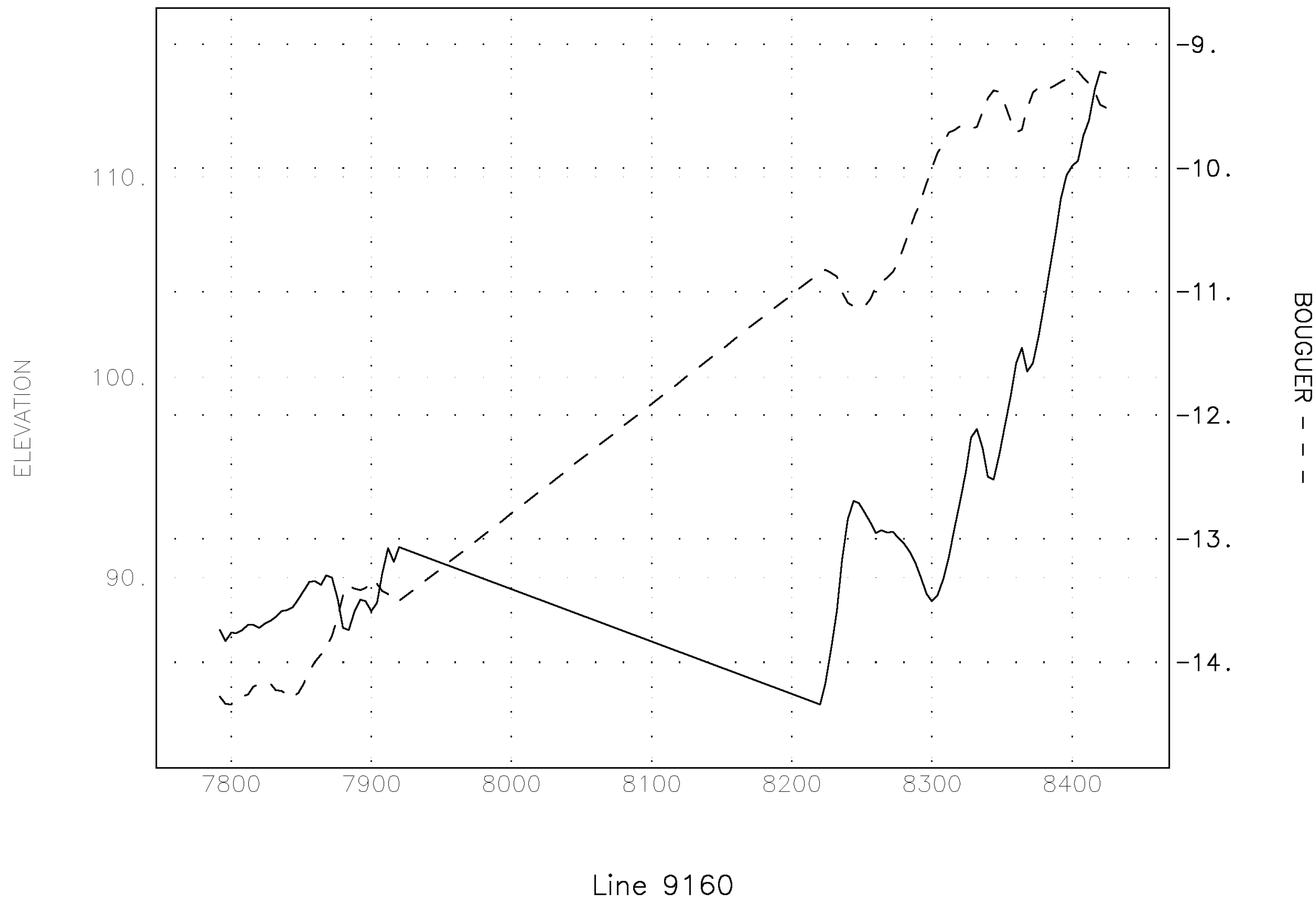
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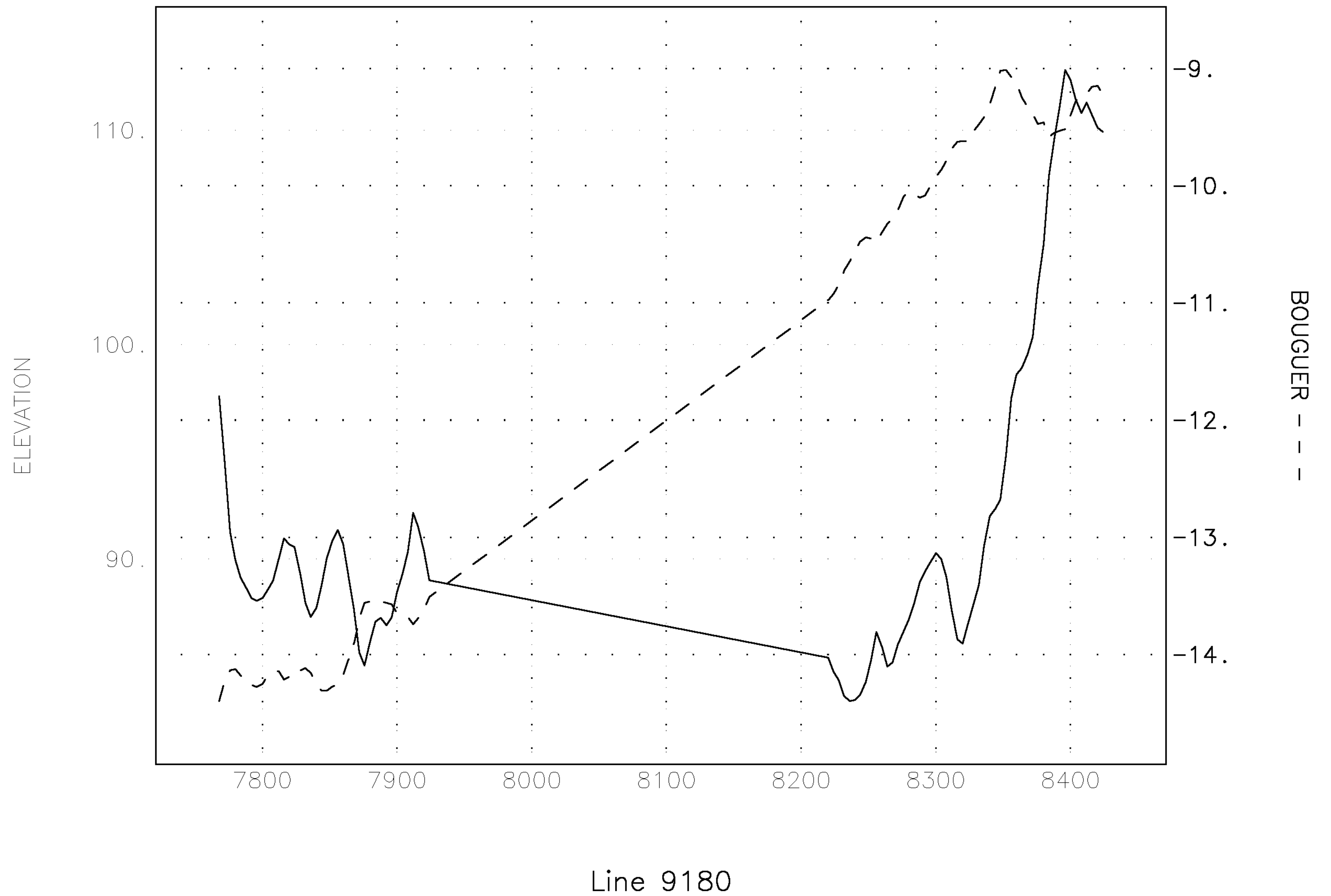
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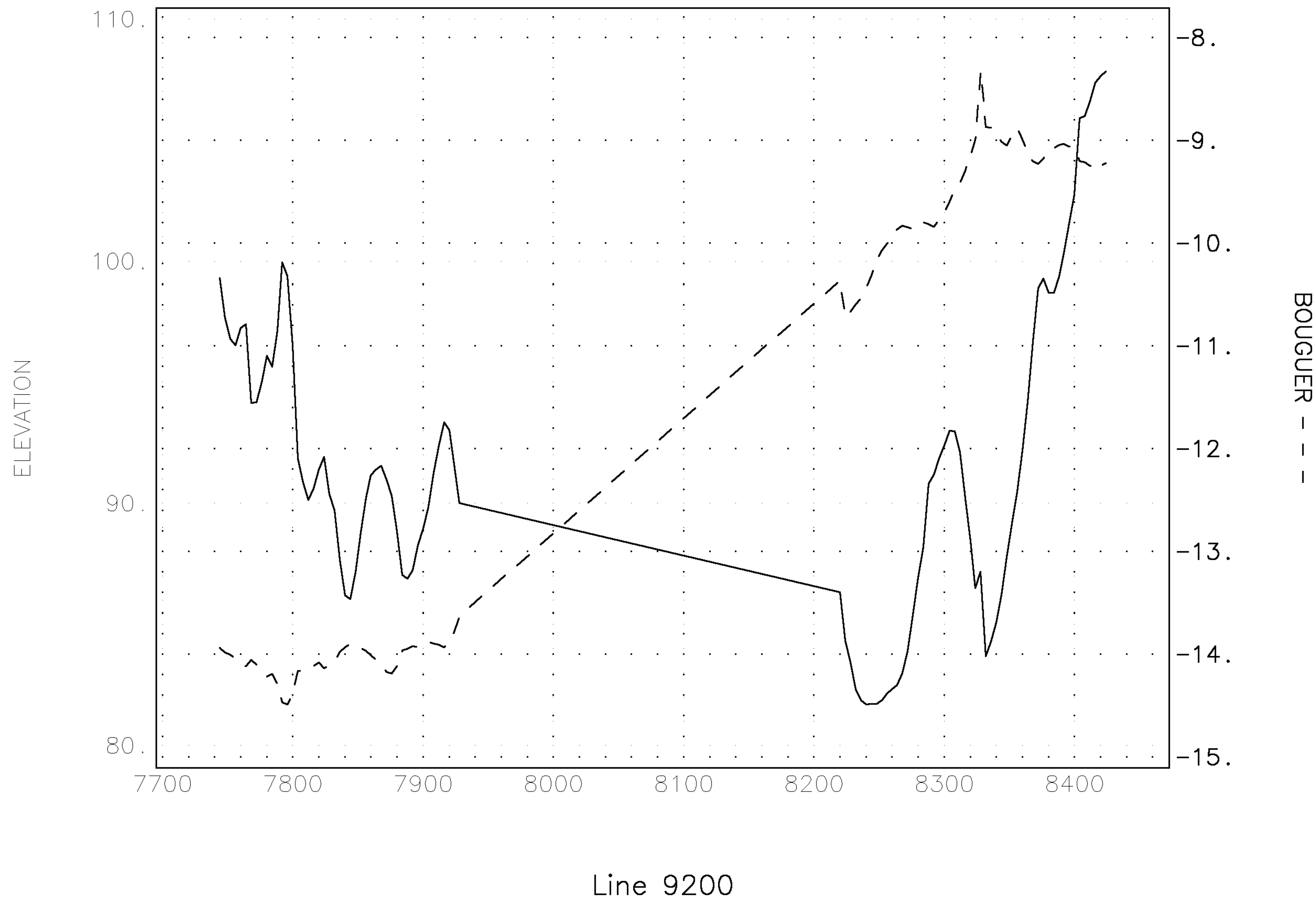
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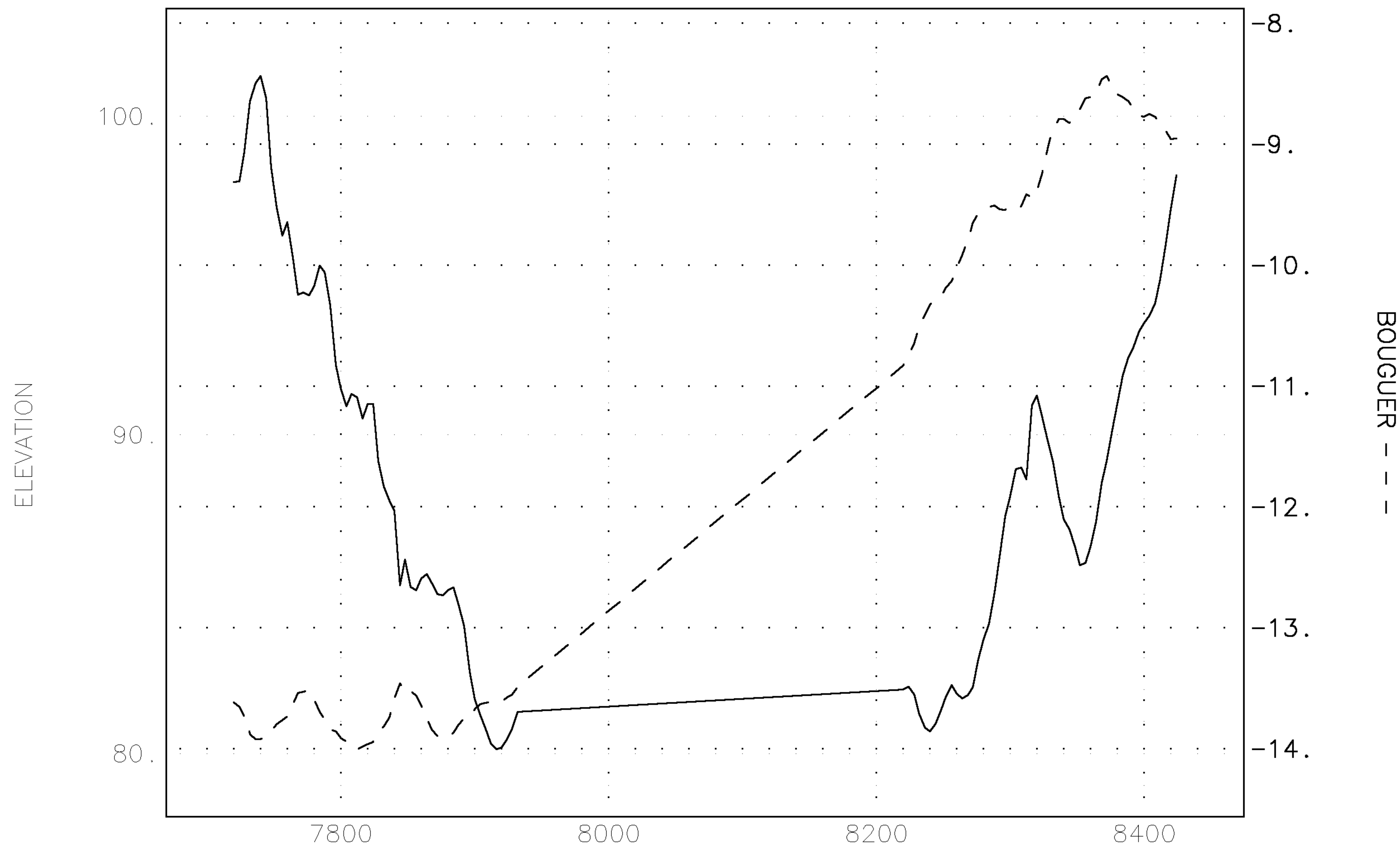
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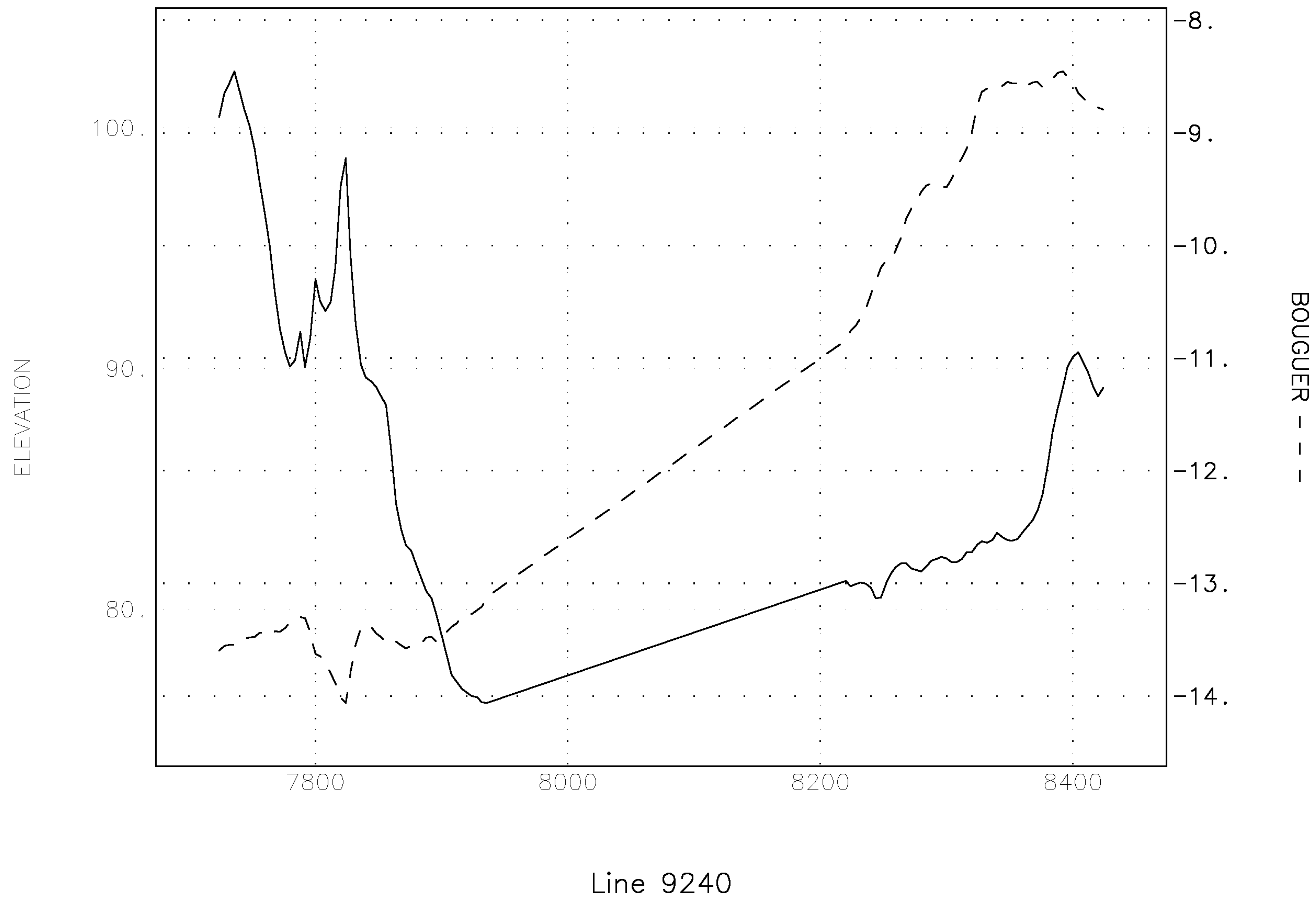


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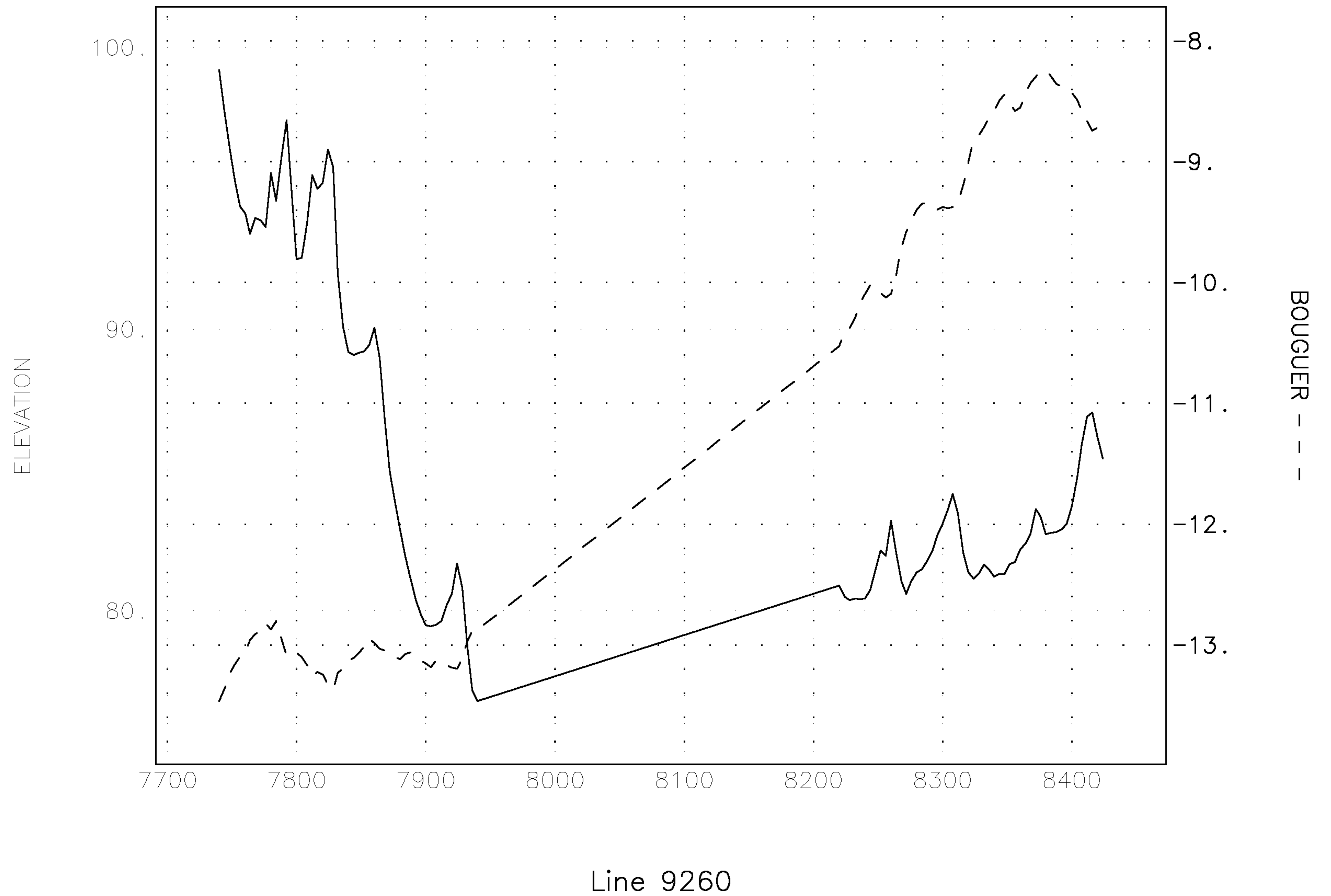


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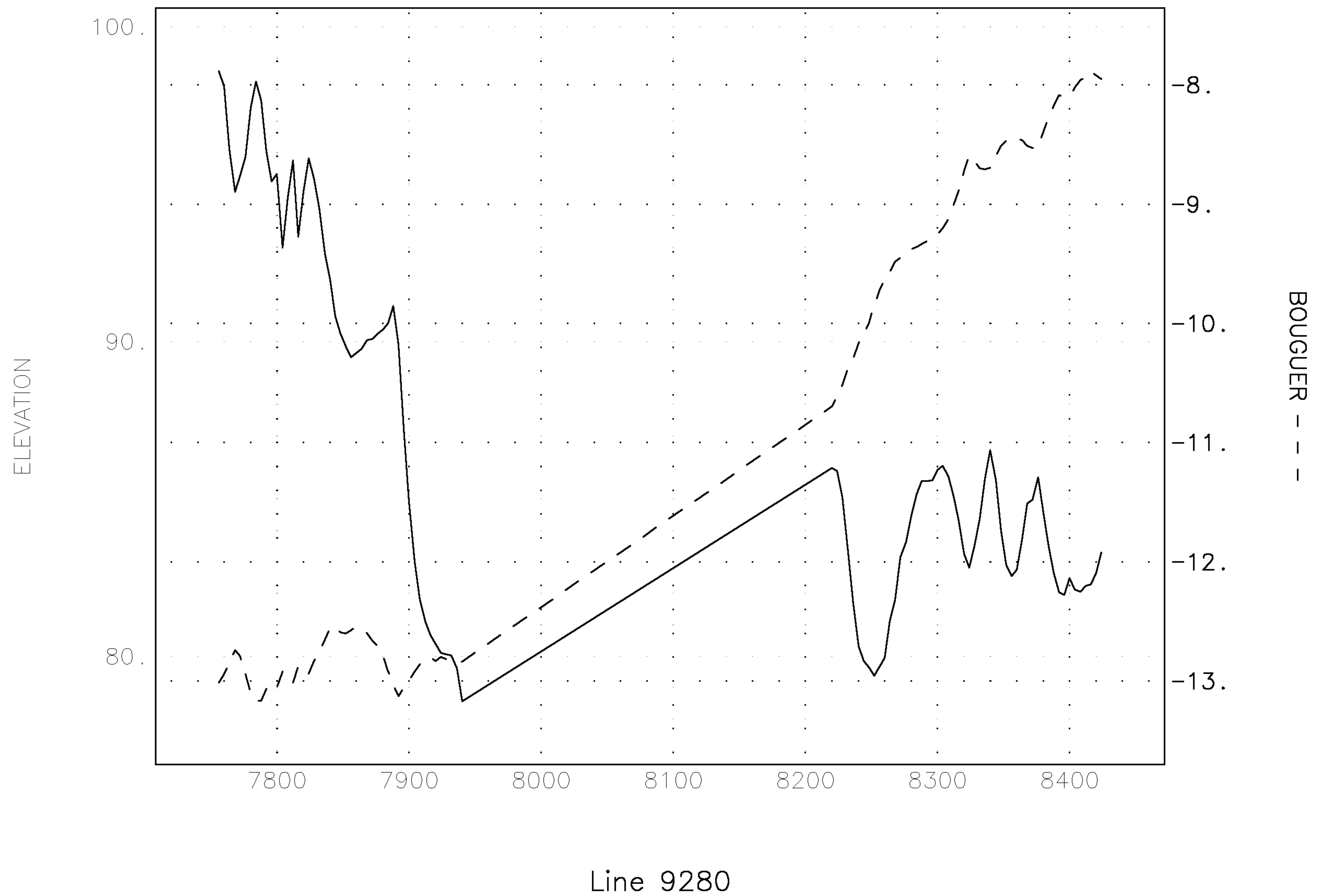
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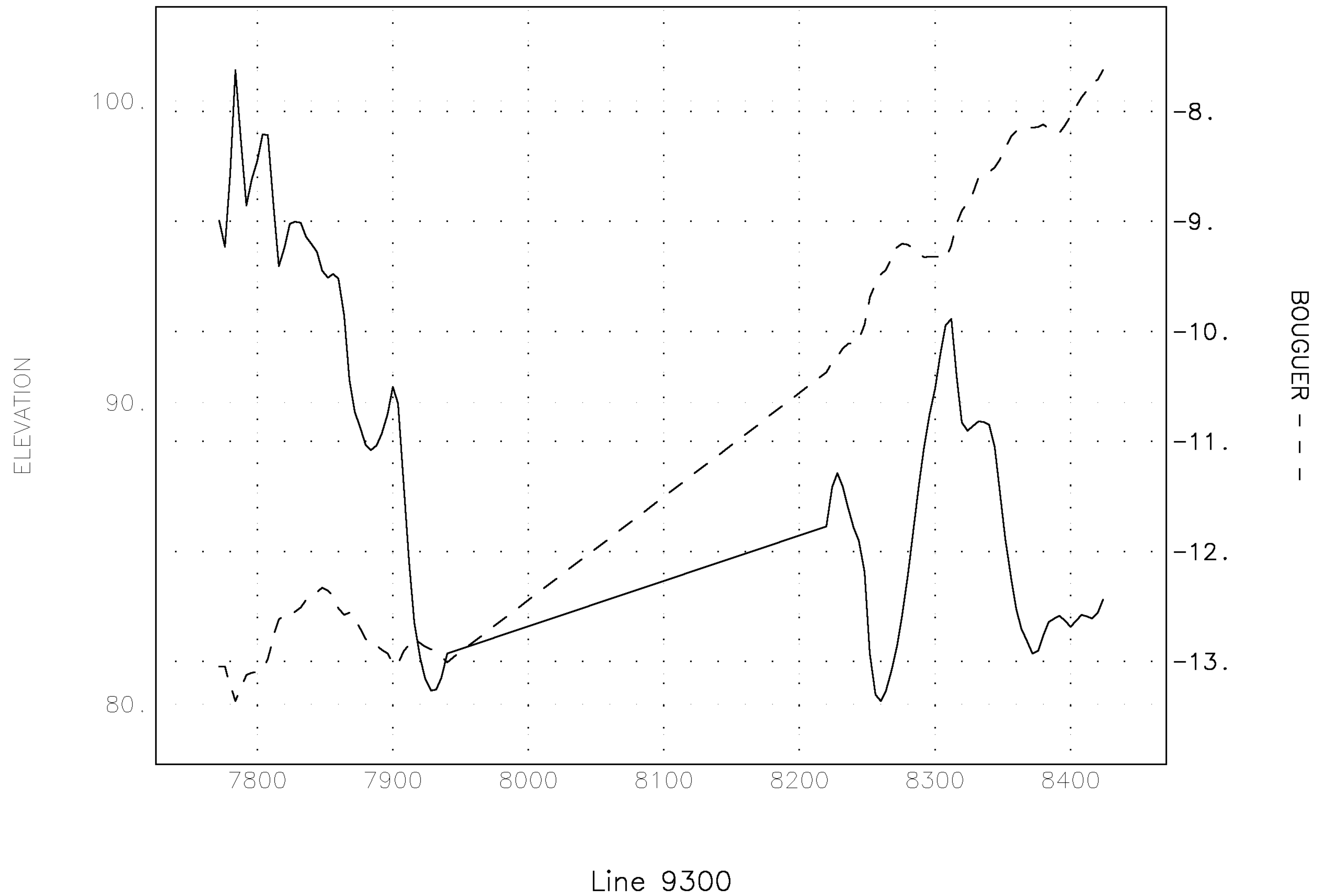
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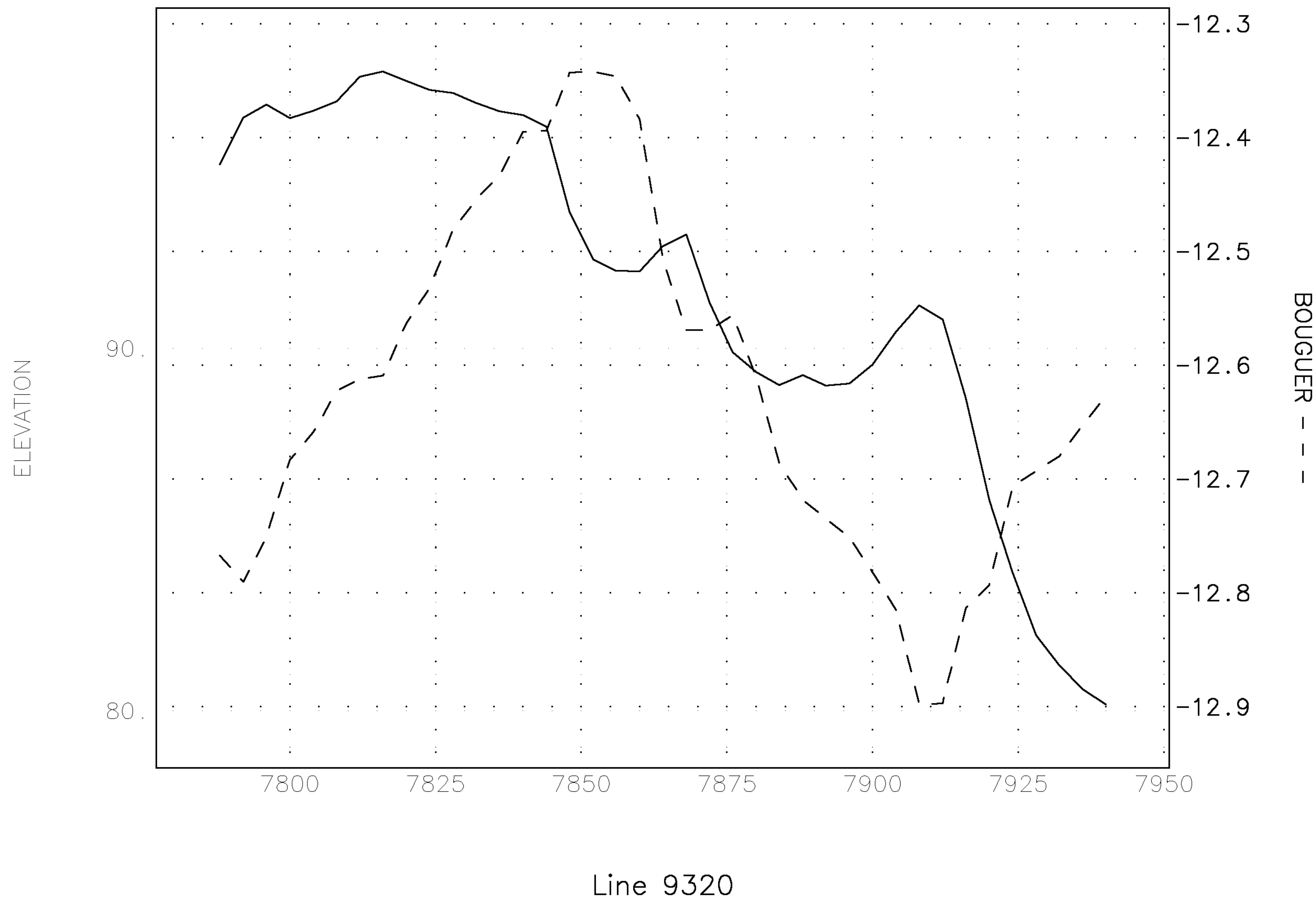
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Lock Gravity Survey Elevation/Bouguer Comparison



Lock Gravity Survey Elevation/Bouguer Comparison



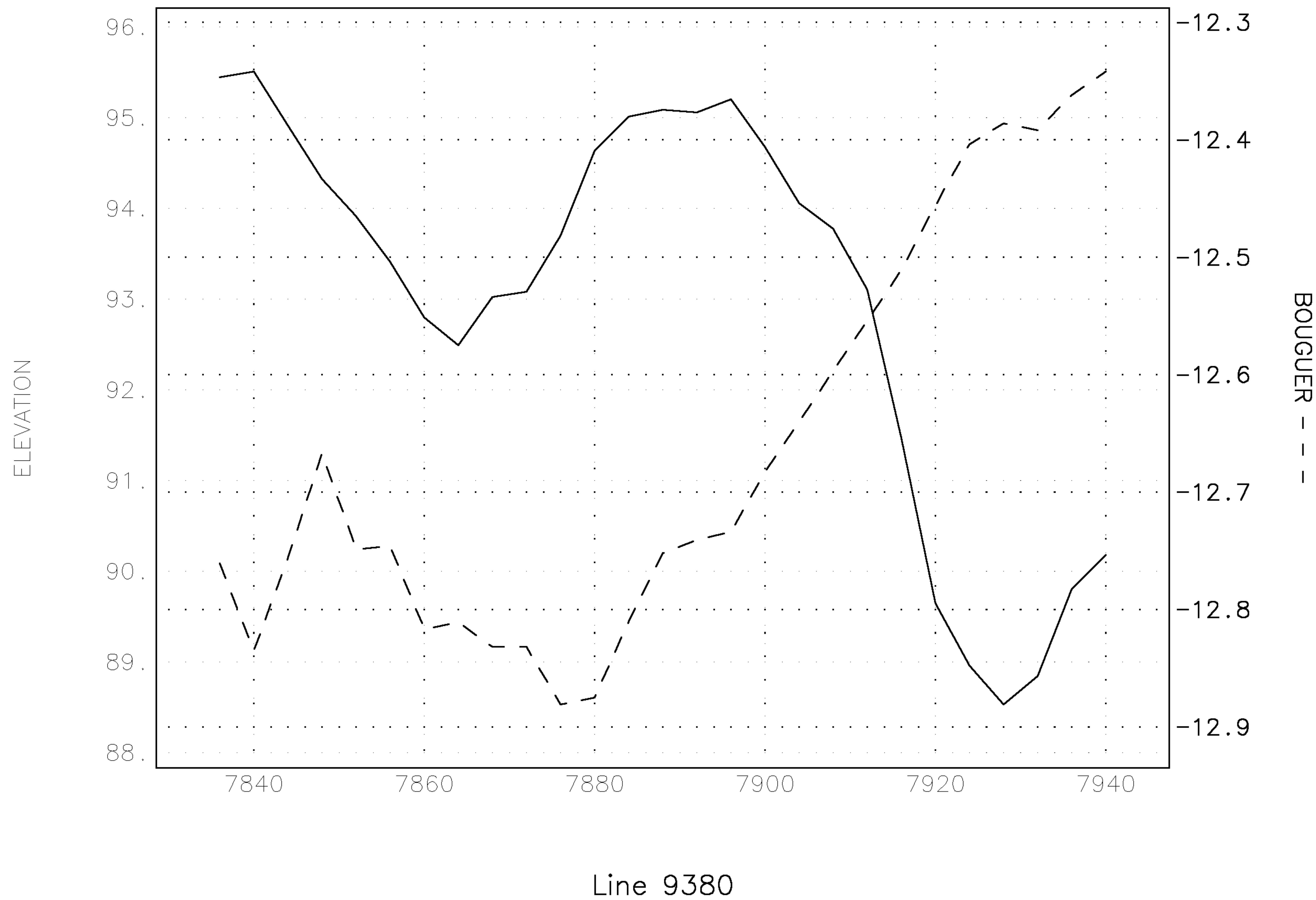
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Lock Gravity Survey Elevation/Bouguer Comparison



Lock Gravity Survey Elevation/Bouguer Comparison



Lock Gravity Survey Elevation/Bouguer Comparison

