

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRINCIPAL FACTS FOR GRAVITY STATIONS ALONG LINES 1, 2, 3A, AND 3B
OF THE QUEBEC-WESTERN MAINE SEISMIC REFLECTION PROFILE,
AND ALONG MERQ SEISMIC REFLECTION LINE 2001,
SOUTHEASTERN QUEBEC AND WEST-CENTRAL MAINE

By

Jeffrey D. Phillips¹, Michael D. Thomas²
and Christian E. Jahrling³

Open File Report 88-425

1988

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the U.S. Geological Survey.

¹U.S. Geological Survey, Reston, Virginia

²Geological Survey of Canada, Ottawa, Ontario

³formerly at University of New Hampshire, Durham, New Hampshire

Explanation

The principal facts are reported for 1477 gravity measurements collected from September to December, 1983; in southeastern Quebec and west-central Maine (figure 1). The measurements were made along lines 1, 2, 3A, and 3B of the Quebec-Western Maine seismic reflection profile (Stewart and others, 1986), and along MERQ (Ministère de l'Energie et des Ressources, Québec) seismic reflection line 2001. Principal facts for gravity stations along Quebec-Western Maine lines 4A and 4B are presented in a companion report (Snyder and Phillips, 1986).

MERQ seismic reflection line 2001 extends to the southeast from the St. Lawrence River southwest of Quebec City, Quebec, to a point near the U.S.-Canadian border northeast of Megantic, Quebec. Gravity stations along line 2001 are spaced at approximately two kilometer intervals, starting with station 19501 at the northwest end of the line and ending with station 19590 at the southeast end of the line. Elevations are interpolated from topographic maps with some control provided by benchmarks and spot elevations. Elevation accuracies are estimated to be ± 10 meters north of latitude 46°N and ± 3 meters south of latitude 46°N .

Quebec-Western Maine line 1 extends to the southeast from a point northwest of Megantic, Quebec, across the U.S.-Canadian border near Lowelltown, Maine, then south to Maine State Highway 27, approximately halfway between Eustis and Coburn Gore. The spacing of gravity stations along the Canadian portion of line 1 ranges from 1 kilometer to 17 kilometers. Proceeding from the northwest end of the line, the gravity stations are ordered as follows: 19689 to 19699, 19687, 19688, 19685 to 19683, 19670 to 19682, 19651, 19686, and 19669 to 19665. Additional Canadian gravity stations contained in this report are located to the south of line 1. Elevation accuracies are estimated to be ± 3 meters.

Gravity stations along the U.S. portion of line 1 are spaced at an average interval of 110 meters, and are keyed to the vibration point flag numbers, starting with flag 01-1001 just south of Highway 27 and ending with flag 01-2391 at the U.S.-Canadian border. The flags were spaced 30 meters apart. The elevations and flag locations were surveyed by the seismic reflection contractor using a theodolite and distance meter and were tied to bench marks. The elevation measurements are believed to be accurate to within a few centimeters. The gravity measurements for stations 01-1001 to 01-1797 were collected at points where the contractor made elevation measurements. For stations 01-1801 to 01-2391 the elevations were interpolated from the contractor's measurements, resulting in an accuracy of approximately 0.5 meter.

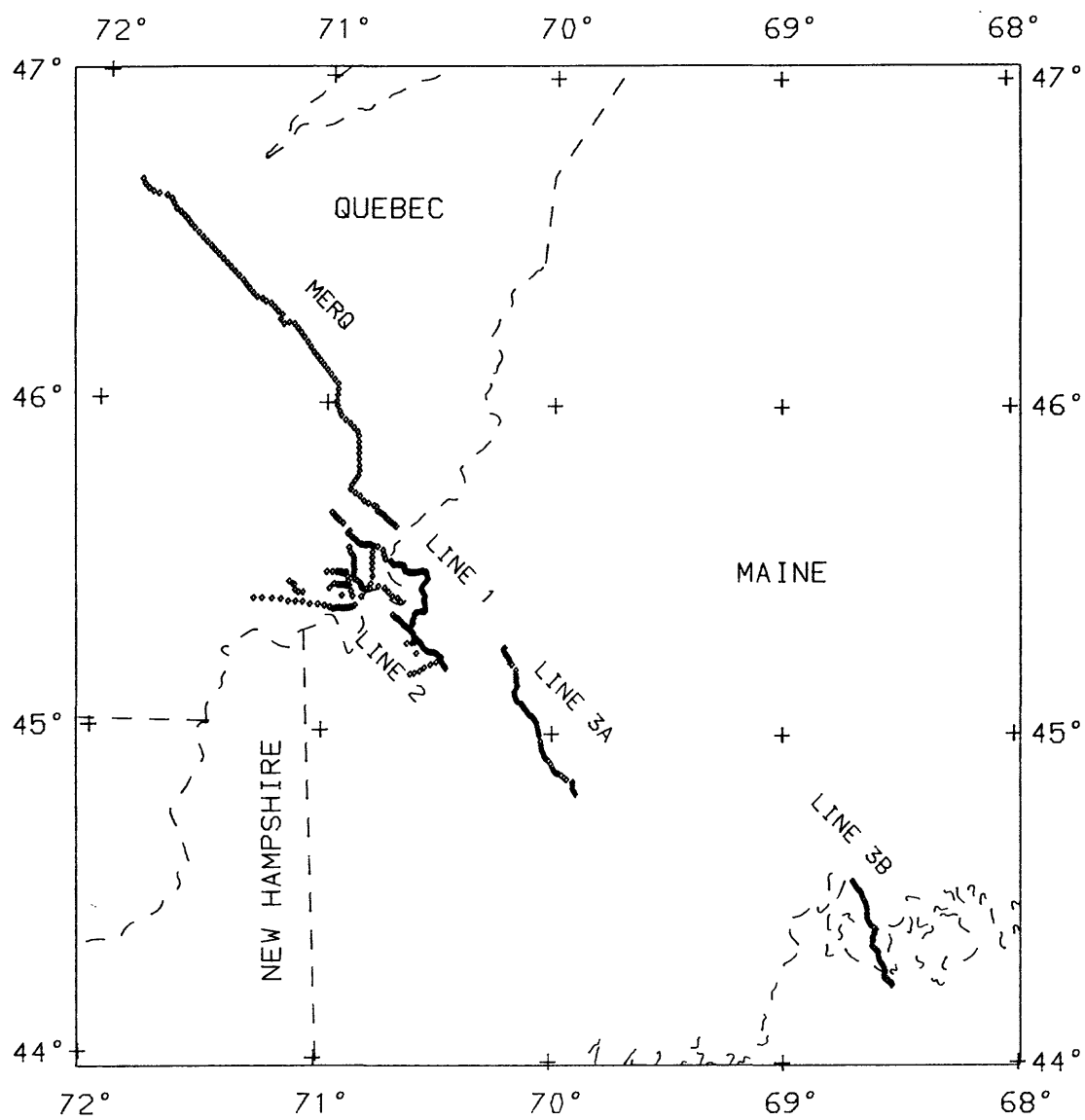


FIGURE 1: GRAVITY STATION LOCATIONS

Quebec-Western Maine line 2 runs along Highway 27, beginning at flag 02-1001 southeast of Coburn Gore and extending southeast through Eustis to flag 02-1977. Gravity stations along line 2 are spaced at an average interval of 125 meters, and are located at surveyed elevation points. Stations P001 through P012 are off the line and provide some regional fill-in.

Quebec-Western Maine line 3A begins at flag 3A-1001 near the northeast corner of Flagstaff Lake, and extends south to flag 3A-3118 northwest of Madison. Gravity stations along line 3A are spaced at an average interval of 165 meters and are located at surveyed elevation points.

Quebec-Western Maine line 3B begins at flag 3B-1001 4.8 miles east of Bucksport, and extends south to flag 3B-2481 at Naskeag Point on the coast. Gravity stations along line 3B are spaced at an average interval of 170 meters and are located at surveyed elevation points.

Lacoste-Romberg gravity meter G-159 was used for all readings within Maine. Stations on the U.S. portion of line 1 and on line 2 were referenced to a base station at Eustis (table 1). Stations on line 3A were referenced to a secondary base near North Anson (table 1). Stations on line 3B were referenced to a secondary base near North Penobscot (table 1). All secondary bases were tied directly to the Defense Mapping Agency gravity base network (Defense Mapping Agency, 1974).

Computer programs existing on the U.S. Geological Survey's Digital Equipment Corporation VAX 11/780 computer system were used to obtain principal facts and terrain-corrected gravity values. A program written by D. Daniels (U.S. Geological Survey, unpub. program, 1985) was used to reduce gravity meter readings to observed-gravity values by calculating and correcting for earth-tide and linear instrument drift. Observed gravity values are referenced to the IGSN-71 datum (Morelli, 1974). The anomaly values were calculated using the 1967 formula of the Geodetic Reference System (International Association of Geodesy, 1971).

Terrain corrections were computed using a program written by R. Godson (U.S. Geological Survey, unpub. program, 1978), which corrects for the gravity effects of terrain from each station to a radius of 166.7 km away using the method of Plouff (1977). This program also calculates earth-curvature corrections and complete (terrain-corrected) Bouguer gravity anomaly values. These computed terrain corrections use mean elevation data digitized on a 30-second grid for corrections from 0.895 to 5 km, 1-minute terrain data for corrections from 5 to 21 km, and 3-minute terrain data for corrections from 21 to 166.7 km. A density of 2.67 g/cc was used to calculate the terrain corrections. No inner corrections were performed. Because the digital terrain data available to Godson's program extends only a limited distance

into Canada, terrain corrections along MERQ line 2001 north of 46°N latitude are based on terrain data that is 10 to 40 percent incomplete. There is no way of accurately estimating the errors introduced by the missing terrain data. Corrections and gravity anomaly values are listed in the Appendix.

In addition to the gravity measurements, hand samples keyed to flag numbers were collected for measurement of density and magnetic susceptibility. These results are reported in table 2.

References

- Defense Mapping Agency, 1974, World Relative Gravity Reference Network, North America, Part 2: St. Louis, Missouri, Aerospace Center, DMAAC Reference Publication 25, with supplement updating gravity values to the International Gravity Standardization Net 1971, 1635 p.
- International Association of Geodesy, 1971, Geodetic reference system 1967: International Association of Geodesy Special Publication No. 3, 116 p.
- Morelli, C., ed., 1974, The international gravity standardization net 1971, International Association of Geodesy Special Publication No. 4, 49 p.
- Snyder, S.L., and Phillips, J.D., 1986, Principal facts for gravity stations along lines 4A and 4B of the Quebec-Western Maine seismic reflection profile, west-central Maine: U.S. Geological Survey Open File Report 86-460, 21 p.
- Stewart, D.M., Unger, J.D., Phillips, J.D., Goldsmith, R., Poole, W.H., Spencer, C.P., Green, A.G., Loiselle, M.C., and St.-Julien, P., 1986, The Quebec-Western Maine seismic reflection profile: Setting and first year results, in Barazangi, M., and Brown, L., eds., 1986, Reflection Seismology: The Continental Crust, American Geophysical Union, Geodynamics Series Volume 14, p. 189-199.
- Plouff, D., 1977, Preliminary documentation for a FORTRAN program to compute gravity terrain corrections based on topography digitized on a geographic grid: U.S. Geological Survey Open-File Report 77-535, 45 p.

TABLE 1: BASE STATION DESCRIPTIONS - LINES 1 (U.S.), 2, 3A,
AND 3B

State:	Maine
Station Name:	Eustis
Observed Gravity:	980537.02 mgals
Elevation:	1190.0 feet
Latitude:	45° 13.30' N
Longitude:	70° 28.80' W
Nearest Town:	Eustis, Maine

Description: Stratton 15' quadrangle. Station located on Benchmark 1190 in a small stand of trees atop an outcrop on the east side of Highway 27, 1/2 mile north of the southern turnoff from Highway 27 to Eustis. Station tied to Errol, New Hampshire, DMA gravity base by W. Bothner.

State:	Maine
Station Name:	North Anson
Observed Gravity:	980548.68 mgals
Elevation:	406.3 feet
Latitude:	44° 52.83' N
Longitude:	69° 58.20' W
Nearest Town:	North Anson, Maine

Description: Anson 15' quadrangle. Benchmark 406 located atop boulder 4 miles north of downtown North Anson along Highway 16 on the south side of "T" intersection with Wentworth Road. Observed gravity is referenced to the Eustis base through multiple ties. The observed gravity would have to be increased 0.10 mgal to match a single tie with the Augusta DMA gravity base. This is a measure of the error in the base values.

TABLE 1 (CONTINUED)

State:	Maine
Station Name:	North Penobscot
Observed Gravity:	980524.50 mgals
Elevation:	463.0 feet
Latitude:	44° 32.12' N
Longitude:	68° 40.75' W
Nearest Town	North Penobscot, Maine

Description: Orland 7.5' quadrangle. Benchmark 463 located on outcrop at west side of Highway 15, 1.3 miles north of North Penobscot. Observed gravity is referenced to the DMA gravity base at the Bangor Courthouse. Ties performed by W. Bothner and S. Snyder suggest that the DMA gravity value at the Bangor Courthouse is low by 1.3 to 1.4 mgals relative to the DMA gravity base at Augusta. However, because the reduced data for line 3B appear to agree with other regional gravity data for the Penobscot area, the North Penobscot base value has not been adjusted to agree with Augusta.

TABLE 2: DENSITY AND MAGNETIC SUSCEPTIBILITY MEASUREMENTS

Sample Number (line-flag)	Density (gm/cc)	Susceptibility (SI units x 10 ⁵)	Description
01-1622	2.764	12	gneiss
01-1865	2.860	70	granite
01-1924	2.709	102	quartz monzonite
01-1970	2.681	10	gneiss
01-2030	2.765	420	"
01-2061	2.675	12	"
02-1033	2.668	1260	granite
02-1040	2.702	560	"
02-1047	2.706	100	"
02-1144	2.680	1100	"
02-1165	2.708	26	"
02-1167	2.735	5800	gneiss
02-1172	2.750	42	"
02-1185	2.782	4200	"
02-1197	2.740	52	"
02-1214	2.744	34	"
02-1242	2.757	3800	"
02-1316	2.780	16	"
02-1349	2.769	0	"
02-1435	2.720	560	"
02-1522	2.621	0	quartzite
02-1543	2.698	64	chlorite schist
02-1544	2.755	184	greenstone
02-1579	2.930	26000	"
02-1590	2.759	4400	"
02-1633	2.934	62	graywacke
02-1729	2.930	46	calcareous greenschist
02-1829	2.722	58	chlorite schist
3A-1149	2.476	60	biotite gneiss
3A-1199	2.726	400	" "
3A-1260	2.984	120	" "
3A-1458	2.860	70	gabbro
3A-1496	2.807	44	biotite gneiss
3A-1498	2.788	240	biotite granite
3A-1609	2.891	100	biotite granulite
3A-1611	2.856	70	biotite gneiss
3A-1740	3.056	100	biotite gneiss, pyritic
3A-1741	3.056	104	biotite gneiss
3A-1771	2.635	15	biotite granite
3A-1772	2.853	90	biotite gabbro
3A-1808	2.716	20	quartzite
3A-1808	2.590	24	"
3A-1809	2.638	0	granite
3A-1825	2.676	15	porphyritic granite
3A-1825	2.654	20	" "

TABLE 2 (CONTINUED)

Sample Number (line-flag)	Density (gm/cc)	Susceptibility (SI units x 10 ⁵)	Description
3A-1829	2.878	70	diorite
3A-1916	2.842	900	"
3A-2004	2.644	10	porphyritic granite
3A-2004	2.637	10	porphyritic granite
3A-2066	2.859	3000	biotite granite
3A-2066	2.674	16	quartz monzonite
3A-2309	2.640	20	granite
3A-2434	2.630	6	muscovite granite
3A-2482	2.594	18	granite
3A-2482	2.671	10	"
3B-1110	2.751	30	sulphitic schist
3B-1240	2.773	56	amphibolitic gneiss
3B-1242	2.681	26	tonalite
3B-1565	2.770	50	biotite schist
3B-1593	2.694	24	" "
3B-1716	2.917	120	" "
3B-1733	2.643	8	quartzite
3B-1765	2.651	16	gneiss
3B-1808	2.625	18	granite
3B-1823	2.621	14	foliated granite
3B-1882	2.595	110	granite
3B-1958	2.721	100	"
3B-1991	2.590	4000	"
3B-1991	2.798	60	biotite schist
3B-1997	2.951	28000	metacarbonate
3B-2075	2.628	20	porphyritic granite
3B-2135	2.646	20	biotite schist
3B-2170	2.730	40	" "
3B-2377	2.632	2800	granite
3B-2469	2.647	400	"

APPENDIX : PRINCIPAL FACTS FOR GRAVITY STATIONS

Explanation of headings:

Station-id Gravity station identification number.

Locations

latitude North latitude in degrees, decimal minutes.

longitude West longitude in degrees, decimal minutes.

elev Station elevation in meters.

Observed-gravity Observed gravity in milligals.

Corrections

terrain Terrain correction from 0.895 km out to 166.7 km radius, in milligals.

curv Curvature correction in milligals.

Anomalies

free-air Free-air anomaly in milligals.

complete-Bouguer Complete Bouguer anomaly in milligals for a density of 2.67 g/cc.

CANADIAN GRAVITY

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
19501	46 40.21	71 50.88	2.9	980736.10	-0.09	0.00	-33.16	-33.57
19502	46 39.30	71 50.32	52.8	980724.60	-0.04	-0.08	-27.89	-33.91
19503	46 38.54	71 49.26	49.6	980723.00	-0.06	-0.07	-29.32	-35.01
19504	46 37.97	71 48.04	60.5	980717.40	-0.03	-0.09	-30.71	-37.60
19505	46 37.62	71 46.57	70.8	980711.29	0.00	-0.10	-33.13	-41.15
19506	46 37.33	71 44.40	66.6	980709.29	-0.04	-0.10	-35.98	-43.57
19507	46 36.73	71 43.09	65.9	980706.60	-0.08	-0.09	-37.96	-45.52
19508	46 35.86	71 42.46	75.3	980701.20	-0.09	-0.11	-39.16	-47.78
19509	46 34.91	71 41.72	85.6	980696.00	-0.09	-0.12	-39.76	-49.55
19510	46 34.37	71 40.57	87.1	980693.70	-0.10	-0.12	-40.78	-50.75
19511	46 33.63	71 39.50	98.1	980690.40	-0.09	-0.14	-39.57	-50.78
19512	46 33.02	71 38.65	106.4	980687.20	-0.08	-0.15	-39.29	-51.43
19513	46 32.30	71 37.81	113.9	980684.29	-0.08	-0.16	-38.80	-51.79
19514	46 31.51	71 36.75	124.9	980681.10	-0.07	-0.18	-37.42	-51.64
19515	46 30.70	71 35.58	133.7	980678.50	-0.06	-0.19	-36.08	-51.29
19516	46 29.87	71 34.45	143.0	980676.90	-0.06	-0.20	-33.56	-49.82
19517	46 29.10	71 33.31	141.3	980677.00	-0.06	-0.20	-32.80	-48.88
19518	46 28.35	71 32.18	136.6	980677.60	-0.06	-0.19	-32.54	-48.08
19519	46 27.59	71 31.13	140.1	980674.60	-0.06	-0.20	-33.30	-49.24
19520	46 26.83	71 30.04	140.4	980673.60	-0.06	-0.20	-33.09	-49.05
19521	46 26.05	71 28.92	145.1	980671.79	-0.06	-0.21	-32.25	-48.76
19522	46 25.29	71 27.84	146.7	980671.40	-0.06	-0.21	-31.02	-47.70
19523	46 24.55	71 26.78	146.2	980672.79	-0.05	-0.21	-28.68	-45.29
19524	46 23.80	71 25.71	145.6	980672.79	-0.03	-0.21	-27.73	-44.25
19525	46 23.01	71 24.58	176.5	980668.40	-0.01	-0.25	-21.39	-41.40
19526	46 22.22	71 23.43	207.7	980664.10	0.04	-0.29	-14.87	-38.36
19527	46 21.44	71 22.60	219.6	980662.50	0.06	-0.30	-11.61	-36.43
19528	46 20.69	71 21.69	273.6	980653.90	0.19	-0.37	-2.44	-33.24
19529	46 19.90	71 20.65	262.7	980657.60	0.12	-0.36	-0.90	-30.54
19530	46 19.15	71 19.61	287.6	980655.20	0.18	-0.39	5.50	-26.89
19531	46 18.90	71 18.23	253.6	980662.20	0.23	-0.35	2.40	-26.10
19532	46 18.43	71 17.28	266.6	980661.90	0.30	-0.37	6.81	-23.09
19533	46 18.09	71 15.91	273.1	980661.60	0.35	-0.37	9.02	-21.56
19534	46 17.36	71 14.85	336.9	980650.00	0.36	-0.45	18.23	-19.57
19535	46 16.65	71 13.93	400.3	980637.70	0.45	-0.53	26.54	-18.33
19536	46 16.03	71 12.73	423.8	980631.79	0.44	-0.56	28.84	-18.71
19537	46 15.25	71 13.11	413.8	980630.90	0.46	-0.55	26.01	-20.37
19538	46 14.36	71 12.11	410.0	980627.70	0.46	-0.54	22.99	-22.97
19539	46 14.64	71 10.75	474.2	980614.10	0.58	-0.61	28.78	-24.32
19540	46 14.44	71 9.32	490.0	980608.90	0.59	-0.63	28.75	-26.13
19541	46 13.62	71 8.39	586.8	980586.29	1.32	-0.74	37.22	-27.85
19542	46 12.81	71 7.49	487.9	980602.50	0.65	-0.63	24.16	-30.41
19543	46 12.03	71 6.62	384.5	980618.20	0.34	-0.51	9.13	-34.06
19544	46 11.13	71 5.64	383.6	980613.00	0.22	-0.51	5.02	-38.20
19545	46 10.21	71 4.76	360.0	980614.20	0.16	-0.48	0.34	-40.27
19546	46 9.31	71 3.94	343.3	980615.40	0.18	-0.46	-2.28	-40.98

CANADIAN GRAVITY

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
19547	46 8.53	71 3.00	338.9	980611.40	0.16	-0.46	-6.44	-44.67
19548	46 7.73	71 2.07	329.6	980607.40	0.12	-0.44	-12.13	-49.33
19549	46 6.91	71 1.13	336.2	980602.90	0.12	-0.45	-13.34	-51.30
19550	46 6.08	71 0.17	335.9	980599.90	0.11	-0.45	-15.19	-53.12
19551	46 5.22	70 59.24	351.0	980594.79	0.14	-0.47	-14.34	-53.95
19552	46 4.36	70 58.25	295.2	980603.50	0.06	-0.40	-21.53	-54.91
19553	46 3.52	70 57.28	330.1	980594.90	0.10	-0.44	-18.12	-55.40
19554	46 2.45	70 57.24	348.4	980590.10	0.13	-0.47	-15.65	-54.98
19555	46 1.41	70 57.41	359.6	980586.90	0.15	-0.48	-13.82	-54.40
19556	46 0.37	70 57.50	334.4	980590.70	0.09	-0.45	-16.25	-54.03
19557	45 59.43	70 57.35	344.7	980587.70	0.11	-0.46	-14.65	-53.57
19558	45 58.43	70 56.73	317.6	980591.20	0.09	-0.43	-18.00	-53.88
19559	45 57.70	70 56.23	302.4	980590.90	0.19	-0.41	-21.90	-55.96
19560	45 56.88	70 55.08	378.9	980573.29	0.21	-0.50	-14.68	-57.36
19561	45 56.26	70 53.85	415.5	980563.90	0.24	-0.55	-11.82	-58.62
19562	45 55.47	70 52.89	459.3	980553.20	0.32	-0.60	-7.83	-59.50
19563	45 54.74	70 51.88	475.0	980548.10	0.35	-0.62	-6.99	-60.40
19564	45 53.92	70 51.53	437.2	980554.10	0.23	-0.57	-11.41	-60.67
19565	45 52.87	70 51.48	475.2	980544.60	0.32	-0.62	-7.60	-61.07
19566	45 51.81	70 51.42	498.5	980538.40	0.46	-0.64	-5.01	-60.98
19567	45 50.77	70 51.36	423.9	980551.40	0.22	-0.56	-13.44	-61.21
19568	45 49.70	70 51.31	459.8	980542.60	0.29	-0.60	-9.56	-61.32
19569	45 48.57	70 51.29	508.8	980531.70	0.38	-0.65	-3.63	-60.85
19570	45 47.63	70 51.15	522.8	980527.50	0.46	-0.67	-2.09	-60.81
19571	45 46.76	70 51.52	457.8	980539.10	0.25	-0.60	-9.25	-60.82
19572	45 45.93	70 52.40	459.9	980537.20	0.28	-0.60	-9.23	-61.02
19573	45 45.05	70 53.26	492.9	980528.79	0.35	-0.64	-6.14	-61.59
19574	45 44.31	70 53.51	474.8	980530.50	0.31	-0.62	-8.89	-62.33
19575	45 43.66	70 52.18	474.0	980531.70	0.25	-0.61	-6.96	-60.37
19576	45 43.07	70 50.90	457.3	980534.00	0.22	-0.60	-8.93	-60.48
19577	45 42.27	70 49.89	410.6	980543.10	0.25	-0.54	-13.04	-59.28
19578	45 41.87	70 48.67	374.8	980550.20	0.31	-0.50	-16.38	-58.50
19579	45 41.49	70 47.23	327.4	980557.29	0.43	-0.44	-23.33	-59.98
19580	45 41.29	70 46.49	334.2	980556.90	0.39	-0.45	-21.33	-58.79
19581	45 40.50	70 46.25	413.1	980541.70	0.27	-0.54	-10.99	-57.49
19582	45 40.25	70 45.56	464.5	980533.60	0.35	-0.60	-2.86	-55.09
19583	45 39.97	70 44.97	493.4	980528.90	0.40	-0.64	1.78	-53.67
19584	45 39.65	70 44.36	509.8	980526.00	0.41	-0.65	4.42	-52.87
19585	45 39.31	70 44.08	528.5	980522.29	0.45	-0.68	6.99	-52.37
19586	45 38.98	70 43.47	581.3	980514.29	0.79	-0.73	15.77	-49.22
19587	45 38.66	70 42.88	547.0	980522.20	0.50	-0.70	13.57	-47.83
19588	45 38.37	70 42.35	492.6	980533.60	0.35	-0.64	8.63	-46.78
19589	45 38.09	70 41.69	509.5	980531.70	0.35	-0.65	12.36	-44.96
19590	45 37.78	70 41.22	496.1	980533.70	0.33	-0.64	10.73	-45.10
19591	45 33.75	70 53.53	431.0	980530.60	0.23	-0.57	-6.39	-54.95
19592	45 32.90	70 53.12	422.6	980534.29	0.24	-0.56	-4.02	-51.62

CANADIAN GRAVITY

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
19593	45 32.23	70 52.45	421.9	980534.50	0.26	-0.55	-3.01	-50.51
19594	45 31.76	70 52.14	417.7	980531.60	0.29	-0.55	-6.50	-53.50
19595	45 31.24	70 52.12	405.9	980530.90	0.33	-0.54	-10.05	-55.67
19596	45 30.70	70 52.18	409.2	980525.29	0.31	-0.54	-13.82	-59.85
19597	45 30.22	70 52.14	435.9	980515.60	0.28	-0.57	-14.57	-63.63
19598	45 29.69	70 52.01	434.7	980512.20	0.28	-0.57	-17.54	-66.47
19599	45 27.21	70 47.73	459.7	980497.60	0.41	-0.60	-20.69	-72.31
19600	45 26.77	70 45.75	417.2	980504.10	0.59	-0.55	-26.61	-73.26
19601	45 26.48	70 44.05	439.0	980500.79	0.56	-0.57	-22.77	-71.91
19602	45 29.12	70 52.22	403.3	980515.40	0.27	-0.53	-23.17	-68.56
19603	45 28.61	70 52.25	409.5	980511.79	0.26	-0.54	-24.09	-70.19
19604	45 28.00	70 51.89	407.7	980510.40	0.26	-0.54	-25.12	-71.01
19605	45 27.73	70 51.20	417.4	980507.70	0.26	-0.55	-24.40	-71.40
19606	45 27.40	70 50.61	421.6	980506.90	0.27	-0.55	-23.40	-70.86
19607	45 27.07	70 50.11	415.8	980506.90	0.29	-0.55	-24.72	-71.50
19608	45 26.54	70 50.13	401.0	980508.60	0.35	-0.53	-26.76	-71.82
19609	45 26.31	70 49.58	402.6	980507.90	0.42	-0.53	-26.62	-71.79
19610	45 26.30	70 48.76	448.4	980499.10	0.44	-0.59	-21.29	-71.61
19611	45 26.30	70 47.83	517.8	980484.40	0.58	-0.66	-14.56	-72.59
19612	45 25.72	70 43.03	449.3	980499.90	0.62	-0.59	-19.32	-69.57
19613	45 24.94	70 42.00	456.1	980499.60	0.82	-0.59	-16.37	-67.18
19614	45 24.65	70 40.66	523.0	980489.60	1.20	-0.67	-5.30	-63.29
19615	45 23.92	70 39.81	607.5	980474.60	1.45	-0.76	6.88	-60.41
19616	45 23.18	70 51.87	417.3	980502.20	0.70	-0.55	-23.08	-69.62
19617	45 22.85	70 52.45	486.4	980491.29	0.54	-0.63	-12.16	-66.68
19618	45 22.76	70 53.16	509.1	980490.40	0.55	-0.65	-5.93	-63.00
19619	45 22.66	70 53.87	550.9	980485.50	0.60	-0.70	2.21	-59.53
19620	45 22.63	70 54.56	571.3	980485.29	0.61	-0.72	8.33	-55.70
19621	45 22.60	70 55.29	578.2	980489.29	0.61	-0.73	14.52	-50.29
19622	45 22.67	70 56.09	583.1	980495.90	0.65	-0.73	22.54	-42.79
19623	45 22.60	70 56.87	544.0	980502.90	0.57	-0.69	17.59	-43.41
19624	45 22.43	70 57.55	516.4	980510.00	0.66	-0.66	16.42	-41.36
19625	45 22.74	70 58.46	570.9	980500.10	0.54	-0.72	22.87	-41.19
19626	45 23.02	70 59.84	607.5	980494.50	0.61	-0.76	28.14	-39.99
19627	45 24.80	70 52.37	400.8	980507.90	0.44	-0.53	-24.92	-69.85
19628	45 24.79	70 50.15	451.2	980495.79	0.46	-0.59	-21.44	-72.07
19629	45 23.24	71 1.54	542.9	980510.40	0.58	-0.69	23.77	-37.09
19630	45 23.30	71 3.68	633.0	980492.70	1.00	-0.79	33.78	-36.84
19631	45 24.10	71 18.48	509.1	980501.90	0.41	-0.65	3.57	-53.65
19632	45 24.11	71 16.18	466.5	980512.29	0.34	-0.61	0.80	-51.67
19633	45 24.08	71 13.57	413.7	980527.70	0.39	-0.55	-0.05	-46.50
19634	45 24.08	71 11.29	480.2	980512.20	0.61	-0.62	4.96	-48.78
19635	45 23.64	71 9.31	505.8	980508.60	0.62	-0.65	9.93	-46.70
19636	45 23.65	71 7.39	463.5	980518.40	0.57	-0.60	6.67	-45.23
19637	45 23.65	71 5.50	466.1	980524.00	0.53	-0.61	13.07	-39.16
19638	45 25.76	70 52.85	401.1	980510.10	0.38	-0.53	-24.07	-69.10

CANADIAN GRAVITY

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
19639	45 26.77	70 53.32	402.4	980513.50	0.35	-0.53	-21.78	-66.99
19640	45 27.61	70 53.58	403.3	980516.29	0.36	-0.53	-20.00	-65.30
19641	45 28.41	70 53.78	410.6	980517.79	0.32	-0.54	-17.43	-63.60
19642	45 29.16	70 54.19	404.0	980523.90	0.34	-0.53	-14.51	-59.91
19643	45 29.13	70 54.65	420.6	980522.70	0.33	-0.55	-10.55	-57.83
19644	45 29.01	70 54.94	435.7	980521.50	0.31	-0.57	-6.91	-55.92
19645	45 29.04	70 55.31	449.5	980520.50	0.30	-0.59	-3.69	-54.27
19646	45 29.21	70 55.59	449.6	980521.29	0.32	-0.59	-3.12	-53.70
19647	45 29.25	70 55.98	501.8	980512.10	0.35	-0.65	3.73	-52.72
19648	45 29.25	70 56.72	521.0	980510.29	0.39	-0.67	7.85	-50.73
19649	45 29.23	70 57.85	532.4	980512.00	0.39	-0.68	13.11	-46.76
19650	45 29.20	70 59.33	582.6	980500.60	0.57	-0.73	17.25	-48.11
19651	45 34.06	70 47.44	467.2	980529.40	0.31	-0.61	3.10	-49.48
19652	45 33.00	70 47.39	515.6	980515.90	0.43	-0.66	6.13	-51.79
19653	45 31.99	70 47.39	620.8	980490.40	1.07	-0.77	14.60	-54.57
19654	45 30.95	70 47.39	485.3	980508.00	0.53	-0.63	-8.02	-62.43
19655	45 29.92	70 47.37	435.4	980510.79	0.46	-0.57	-19.08	-67.91
19656	45 28.64	70 47.26	406.7	980512.00	0.46	-0.54	-24.77	-70.36
19657	45 26.74	70 53.94	415.5	980519.50	0.36	-0.55	-11.68	-58.37
19658	45 26.87	70 54.46	450.4	980515.60	0.31	-0.59	-5.01	-55.69
19659	45 26.93	70 55.03	481.6	980510.10	0.33	-0.62	-0.99	-55.17
19660	45 26.89	70 55.65	500.1	980508.50	0.36	-0.64	3.18	-53.07
19661	45 26.92	70 56.43	507.4	980508.79	0.35	-0.65	5.67	-51.41
19662	45 27.05	70 57.43	525.3	980508.60	0.38	-0.67	10.80	-48.27
19663	45 26.24	70 58.55	535.3	980508.60	0.41	-0.68	15.09	-45.08
19664	45 24.94	70 55.21	444.3	980517.29	0.46	-0.58	-2.29	-52.14
19665	45 31.38	70 42.62	634.8	980487.20	0.85	-0.79	16.64	-54.33
19666	45 31.77	70 43.98	529.8	980509.00	0.63	-0.68	5.49	-53.85
19667	45 32.54	70 44.31	518.4	980514.70	0.45	-0.66	6.49	-51.73
19668	45 33.41	70 44.64	436.5	980535.90	0.53	-0.57	1.11	-47.77
19669	45 34.02	70 46.12	404.2	980541.20	0.52	-0.53	-4.48	-49.72
19670	45 34.36	70 49.42	451.9	980533.60	0.25	-0.59	2.14	-48.77
19671	45 34.36	70 49.27	447.6	980534.40	0.24	-0.58	1.61	-48.82
19672	45 34.36	70 49.13	435.5	980536.50	0.24	-0.57	-0.01	-49.08
19673	45 34.36	70 48.98	426.4	980538.50	0.25	-0.56	-0.84	-48.86
19674	45 34.36	70 48.85	420.2	980539.70	0.27	-0.55	-1.56	-48.86
19675	45 34.36	70 48.69	414.2	980541.40	0.28	-0.55	-1.71	-48.32
19676	45 34.36	70 48.54	409.0	980542.00	0.30	-0.54	-2.69	-48.70
19677	45 34.36	70 48.40	415.3	980540.29	0.28	-0.55	-2.47	-49.21
19678	45 34.36	70 48.25	423.2	980538.70	0.26	-0.56	-1.62	-49.27
19679	45 34.36	70 48.10	429.9	980537.79	0.26	-0.56	-0.45	-48.87
19680	45 34.36	70 47.94	446.7	980534.90	0.26	-0.58	1.84	-48.47
19681	45 34.36	70 47.80	454.6	980533.40	0.28	-0.59	2.78	-48.41
19682	45 34.36	70 47.65	464.3	980531.60	0.31	-0.60	3.95	-48.30
19683	45 34.34	70 49.86	482.3	980528.90	0.33	-0.62	6.84	-47.42
19684	45 34.34	70 50.26	485.0	980527.70	0.34	-0.63	6.48	-48.08

CANADIAN GRAVITY

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
19685	45 34.36	70 50.63	467.9	980530.50	0.27	-0.61	3.97	-48.73
19686	45 34.07	70 46.91	458.6	980530.60	0.30	-0.60	1.65	-49.97
19687	45 34.91	70 51.68	407.3	980536.79	0.22	-0.54	-9.26	-55.16
19688	45 34.70	70 51.30	430.2	980534.60	0.22	-0.56	-4.06	-52.55
19689	45 40.00	70 58.22	491.8	980522.60	0.43	-0.63	-5.05	-60.29
19690	45 39.64	70 57.56	521.3	980517.50	0.40	-0.67	-0.53	-59.12
19691	45 39.31	70 57.30	504.3	980521.40	0.32	-0.65	-1.35	-58.12
19692	45 38.97	70 56.72	520.3	980518.50	0.40	-0.67	1.18	-57.31
19693	45 38.64	70 56.14	506.9	980521.20	0.34	-0.65	0.25	-56.78
19694	45 38.12	70 55.24	483.3	980526.00	0.27	-0.62	-1.45	-55.88
19695	45 36.75	70 53.46	459.8	980529.20	0.25	-0.60	-3.45	-55.24
19696	45 36.33	70 53.95	470.3	980526.40	0.28	-0.61	-2.37	-55.33
19697	45 35.72	70 52.99	464.3	980527.60	0.30	-0.60	-2.08	-54.34
19698	45 35.49	70 52.44	444.6	980530.60	0.24	-0.58	-4.83	-54.92
19699	45 35.16	70 51.83	414.2	980535.79	0.20	-0.55	-8.52	-55.21
19700	45 27.34	71 9.18	1108.4	980383.60	10.41	-1.19	65.21	-49.60
19701	45 26.91	71 8.29	952.6	980421.79	4.87	-1.07	55.99	-46.81
19702	45 26.78	71 7.73	867.5	980445.90	3.32	-1.00	54.07	-40.69
19703	45 25.78	71 7.54	670.7	980478.29	1.52	-0.82	27.27	-47.09
19704	45 25.42	71 6.63	582.1	980497.10	0.92	-0.73	19.28	-45.67
19705	45 25.41	71 5.43	542.3	980506.40	0.60	-0.69	16.32	-44.45

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
01-1246	45 21.98	70 35.74	703.9	980465.31	1.17	-0.86	30.26	-48.19
01-1242	45 22.00	70 35.83	704.3	980465.07	1.19	-0.86	30.10	-48.37
01-1239	45 22.02	70 35.89	705.2	980464.79	1.20	-0.86	30.06	-48.50
01-1237	45 22.03	70 35.93	704.7	980464.79	1.21	-0.86	29.91	-48.60
01-1234	45 22.02	70 36.00	707.6	980464.13	1.23	-0.86	30.17	-48.65
01-1230	45 21.98	70 36.07	713.3	980462.96	1.25	-0.86	30.80	-48.63
01-1224	45 21.89	70 36.13	726.0	980460.35	1.27	-0.88	32.23	-48.61
01-1216	45 21.76	70 36.15	734.8	980458.66	1.30	-0.88	33.45	-48.35
01-1210	45 21.67	70 36.12	740.0	980457.45	1.31	-0.89	34.01	-48.38
01-1207	45 21.63	70 36.09	736.3	980458.08	1.29	-0.89	33.53	-48.45
01-1203	45 21.56	70 36.09	733.5	980458.57	1.28	-0.88	33.27	-48.41
01-1200	45 21.51	70 36.08	729.5	980459.22	1.26	-0.88	32.78	-48.47
01-1195	45 21.43	70 36.08	716.1	980461.58	1.24	-0.87	31.13	-48.64
01-1185	45 21.28	70 36.16	700.8	980464.15	1.24	-0.85	29.21	-48.83
01-1175	45 21.14	70 36.25	692.7	980465.32	1.25	-0.84	28.08	-49.03
01-1167	45 21.01	70 36.30	683.9	980466.62	1.26	-0.84	26.85	-49.25
01-1161	45 20.91	70 36.31	678.6	980467.60	1.26	-0.83	26.35	-49.16
01-1154	45 20.83	70 36.41	669.8	980469.22	1.28	-0.82	25.37	-49.12
01-1151	45 20.81	70 36.48	665.8	980470.11	1.29	-0.82	25.05	-48.97
01-1145	45 20.74	70 36.58	655.3	980471.62	1.32	-0.81	23.46	-49.36
01-1142	45 20.71	70 36.63	648.4	980472.73	1.35	-0.80	22.48	-49.53
01-1133	45 20.57	70 36.66	632.4	980475.48	1.37	-0.78	20.49	-49.69
01-1127	45 20.48	70 36.65	624.5	980477.28	1.38	-0.78	19.99	-49.28
01-1122	45 20.40	70 36.65	624.3	980477.27	1.35	-0.78	20.03	-49.25
01-1119	45 20.35	70 36.66	616.2	980478.66	1.36	-0.77	19.00	-49.36
01-1115	45 20.29	70 36.63	607.5	980479.94	1.37	-0.76	17.70	-49.67
01-1110	45 20.21	70 36.59	594.7	980482.15	1.40	-0.75	16.08	-49.82
01-1108	45 20.19	70 36.58	593.5	980482.27	1.40	-0.74	15.85	-49.90
01-1104	45 20.12	70 36.56	585.0	980483.57	1.42	-0.74	14.65	-50.13
01-1100	45 20.07	70 36.56	575.8	980485.59	1.46	-0.73	13.92	-49.79
01-1096	45 20.00	70 36.58	569.1	980486.86	1.47	-0.72	13.21	-49.72
01-1094	45 19.96	70 36.59	565.0	980487.69	1.47	-0.71	12.85	-49.62
01-1090	45 19.92	70 36.64	550.5	980490.27	1.54	-0.70	11.01	-49.76
01-1084	45 19.84	70 36.72	525.9	980494.54	1.68	-0.67	7.80	-50.04
01-1082	45 19.81	70 36.75	522.6	980495.21	1.67	-0.67	7.52	-49.97
01-1078	45 19.76	70 36.79	515.0	980496.60	1.68	-0.66	6.62	-49.99
01-1074	45 19.70	70 36.82	508.9	980497.63	1.66	-0.65	5.86	-50.08
01-1072	45 19.67	70 36.83	507.7	980497.88	1.63	-0.65	5.80	-50.04
01-1070	45 19.64	70 36.84	504.4	980498.39	1.63	-0.65	5.32	-50.14
01-1067	45 19.59	70 36.87	499.9	980499.09	1.61	-0.64	4.69	-50.27
01-1062	45 19.53	70 36.93	491.6	980500.54	1.61	-0.63	3.70	-50.34
01-1059	45 19.49	70 36.98	486.8	980501.43	1.59	-0.63	3.17	-50.34
01-1057	45 19.46	70 37.00	485.3	980501.72	1.57	-0.63	3.05	-50.32
01-1055	45 19.44	70 37.04	481.0	980502.53	1.58	-0.62	2.56	-50.31
01-1053	45 19.42	70 37.07	479.0	980502.96	1.56	-0.62	2.41	-50.26
01-1001	45 18.70	70 37.15	384.3	980519.88	2.19	-0.51	-8.82	-50.14

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATTITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
01-1004	45 18.70	70 37.22	384.8	980519.81	2.21	-0.51	-8.72	-50.09
01-1005	45 18.71	70 37.25	385.5	980519.59	2.21	-0.51	-8.75	-50.19
01-1008	45 18.76	70 37.29	387.9	980519.11	2.19	-0.51	-8.59	-50.31
01-1010	45 18.79	70 37.31	390.3	980518.66	2.16	-0.52	-8.34	-50.36
01-1012	45 18.82	70 37.32	390.9	980518.45	2.16	-0.52	-8.40	-50.49
01-1015	45 18.86	70 37.31	393.6	980518.06	2.12	-0.52	-8.01	-50.46
01-1016	45 18.87	70 37.32	395.8	980517.79	2.09	-0.52	-7.63	-50.35
01-1019	45 18.92	70 37.33	397.6	980517.53	2.09	-0.53	-7.40	-50.32
01-1023	45 18.99	70 37.33	402.7	980516.59	2.04	-0.53	-6.87	-50.42
01-1026	45 19.03	70 37.32	407.3	980515.83	1.98	-0.54	-6.29	-50.41
01-1028	45 19.06	70 37.30	414.2	980514.69	1.90	-0.55	-5.32	-50.31
01-1030	45 19.09	70 37.27	418.3	980513.90	1.87	-0.55	-4.89	-50.38
01-1032	45 19.11	70 37.24	421.4	980513.36	1.85	-0.55	-4.51	-50.37
01-1035	45 19.15	70 37.18	427.1	980512.15	1.82	-0.56	-4.02	-50.55
01-1038	45 19.19	70 37.18	433.9	980510.78	1.77	-0.57	-3.35	-50.70
01-1042	45 19.26	70 37.16	443.4	980509.04	1.74	-0.58	-2.27	-50.73
01-1044	45 19.29	70 37.15	451.0	980507.79	1.69	-0.59	-1.23	-50.59
01-1048	45 19.35	70 37.12	464.0	980505.54	1.62	-0.60	0.46	-50.45
01-1050	45 19.37	70 37.11	469.8	980504.59	1.59	-0.61	1.25	-50.34
01-1053	45 19.42	70 37.07	479.0	980502.94	1.56	-0.62	2.38	-50.28
01-1246	45 21.98	70 35.74	703.9	980465.26	1.17	-0.86	30.21	-48.24
01-1248	45 21.97	70 35.70	700.3	980465.94	1.17	-0.85	29.78	-48.26
01-1253	45 21.96	70 35.59	694.2	980467.01	1.16	-0.85	28.98	-48.38
01-1255	45 21.96	70 35.54	692.8	980467.27	1.15	-0.84	28.83	-48.39
01-1262	45 22.02	70 35.41	683.8	980469.12	1.15	-0.84	27.80	-48.40
01-1268	45 22.05	70 35.28	673.8	980471.29	1.17	-0.83	26.85	-48.21
01-1271	45 22.07	70 35.21	669.3	980472.33	1.18	-0.82	26.45	-48.08
01-1275	45 22.09	70 35.13	662.2	980473.83	1.20	-0.81	25.74	-47.98
01-1277	45 22.10	70 35.08	659.6	980474.40	1.21	-0.81	25.49	-47.91
01-1286	45 22.14	70 34.88	645.9	980477.32	1.26	-0.80	24.15	-47.67
01-1290	45 22.17	70 34.80	638.4	980478.83	1.29	-0.79	23.28	-47.65
01-1292	45 22.18	70 34.75	635.9	980479.38	1.30	-0.79	23.04	-47.61
01-1294	45 22.20	70 34.72	632.1	980480.18	1.32	-0.78	22.65	-47.55
01-1300	45 22.26	70 34.62	623.2	980482.05	1.35	-0.78	21.68	-47.48
01-1305	45 22.27	70 34.50	614.6	980483.68	1.39	-0.77	20.64	-47.51
01-1309	45 22.25	70 34.41	614.9	980483.72	1.36	-0.77	20.81	-47.41
01-1313	45 22.21	70 34.34	608.6	980484.90	1.40	-0.76	20.10	-47.37
01-1315	45 22.21	70 34.30	609.3	980484.96	1.38	-0.76	20.36	-47.20
01-1319	45 22.21	70 34.21	598.7	980487.18	1.45	-0.75	19.31	-46.98
01-1321	45 22.20	70 34.16	597.7	980487.44	1.44	-0.75	19.29	-46.90
01-1323	45 22.20	70 34.12	593.4	980488.33	1.46	-0.74	18.86	-46.83
01-1325	45 22.20	70 34.07	591.3	980488.80	1.46	-0.74	18.67	-46.78
01-1328	45 22.21	70 34.00	587.9	980489.47	1.46	-0.74	18.28	-46.79
01-1335	45 22.18	70 33.84	576.9	980491.67	1.50	-0.73	17.13	-46.65
01-1339	45 22.16	70 33.75	568.5	980493.41	1.55	-0.72	16.33	-46.46
01-1345	45 22.15	70 33.63	559.2	980495.49	1.60	-0.71	15.54	-46.14

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATTITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
01-1351	45 22.18	70 33.50	547.1	980497.98	1.67	-0.70	14.25	-45.99
01-1353	45 22.20	70 33.48	545.4	980498.44	1.68	-0.69	14.16	-45.88
01-1356	45 22.22	70 33.41	544.6	980498.74	1.66	-0.69	14.17	-45.80
01-1359	45 22.23	70 33.34	549.6	980497.80	1.57	-0.70	14.78	-45.85
01-1362	45 22.25	70 33.29	548.7	980498.15	1.57	-0.70	14.82	-45.71
01-1366	45 22.32	70 33.28	545.3	980498.85	1.64	-0.69	14.36	-45.71
01-1369	45 22.37	70 33.28	551.1	980497.83	1.59	-0.70	15.06	-45.72
01-1369	45 22.37	70 33.28	551.1	980497.67	1.59	-0.70	14.90	-45.88
01-1374	45 22.45	70 33.29	565.9	980495.03	1.47	-0.72	16.69	-45.88
01-1378	45 22.50	70 33.32	575.3	980493.42	1.40	-0.73	17.90	-45.80
01-1382	45 22.56	70 33.34	583.1	980492.02	1.36	-0.73	18.81	-45.80
01-1384	45 22.60	70 33.34	584.6	980491.74	1.37	-0.74	18.96	-45.82
01-1389	45 22.68	70 33.36	600.9	980488.97	1.28	-0.75	21.10	-45.62
01-1394	45 22.75	70 33.33	610.2	980487.13	1.25	-0.76	22.02	-45.78
01-1397	45 22.79	70 33.28	614.8	980486.35	1.25	-0.77	22.57	-45.74
01-1401	45 22.85	70 33.25	629.5	980483.65	1.19	-0.78	24.33	-45.70
01-1405	45 22.91	70 33.25	635.0	980482.62	1.20	-0.79	24.89	-45.75
01-1414	45 23.05	70 33.33	645.8	980480.86	1.20	-0.80	26.25	-45.61
01-1418	45 23.11	70 33.32	653.4	980479.58	1.20	-0.81	27.26	-45.47
01-1422	45 23.17	70 33.30	664.7	980477.79	1.18	-0.82	28.84	-45.17
01-1425	45 23.22	70 33.28	661.5	980478.79	1.21	-0.81	28.77	-44.85
01-1430	45 23.30	70 33.29	665.9	980477.99	1.23	-0.82	29.22	-44.88
01-1439	45 23.44	70 33.34	676.5	980475.87	1.24	-0.83	30.15	-45.14
01-1447	45 23.54	70 33.45	685.6	980474.19	1.24	-0.84	31.15	-45.17
01-1450	45 23.59	70 33.49	688.7	980473.61	1.24	-0.84	31.44	-45.23
01-1453	45 23.63	70 33.50	689.9	980473.50	1.25	-0.84	31.62	-45.16
01-1455	45 23.66	70 33.53	689.6	980473.61	1.25	-0.84	31.62	-45.15
01-1457	45 23.69	70 33.55	688.1	980473.95	1.27	-0.84	31.44	-45.13
01-1462	45 23.77	70 33.56	694.1	980472.95	1.27	-0.85	32.17	-45.08
01-1467	45 23.85	70 33.59	696.3	980472.69	1.28	-0.85	32.48	-45.01
01-1470	45 23.89	70 33.63	693.2	980473.38	1.30	-0.85	32.14	-44.97
01-1472	45 23.91	70 33.65	695.2	980473.01	1.30	-0.85	32.35	-44.99
01-1475	45 23.96	70 33.68	689.4	980474.29	1.34	-0.84	31.77	-44.88
01-1476	45 23.97	70 33.68	689.0	980474.38	1.35	-0.84	31.73	-44.86
01-1480	45 24.04	70 33.68	683.3	980475.65	1.40	-0.84	31.14	-44.76
01-1481	45 24.05	70 33.66	684.5	980475.44	1.39	-0.84	31.26	-44.77
01-1485	45 24.12	70 33.66	688.1	980475.00	1.39	-0.84	31.86	-44.60
01-1489	45 24.17	70 33.71	683.8	980475.71	1.43	-0.84	31.16	-44.77
01-1495	45 24.27	70 33.75	693.6	980474.05	1.40	-0.85	32.36	-44.70
01-1499	45 24.33	70 33.78	699.9	980472.55	1.38	-0.85	32.72	-45.07
01-1501	45 24.36	70 33.79	709.1	980471.42	1.35	-0.86	34.38	-44.48
01-1505	45 24.42	70 33.77	718.2	980469.86	1.32	-0.87	35.54	-44.38
01-1507	45 24.45	70 33.75	721.2	980469.36	1.32	-0.87	35.92	-44.34
01-1510	45 24.50	70 33.75	724.0	980468.82	1.31	-0.87	36.16	-44.42
01-1512	45 24.54	70 33.75	731.5	980467.54	1.30	-0.88	37.13	-44.31
01-1512	45 24.54	70 33.75	731.5	980467.51	1.30	-0.88	37.10	-44.34

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
01-1514	45 24.57	70 33.74	735.9	980466.77	1.30	-0.89	37.69	-44.25
01-1516	45 24.59	70 33.72	735.2	980466.98	1.31	-0.89	37.65	-44.20
01-1518	45 24.62	70 33.70	736.7	980466.74	1.31	-0.89	37.82	-44.20
01-1521	45 24.67	70 33.66	737.1	980466.78	1.33	-0.89	37.90	-44.14
01-1525	45 24.71	70 33.59	740.6	980466.15	1.35	-0.89	38.29	-44.12
01-1526	45 24.72	70 33.58	741.1	980466.06	1.36	-0.89	38.36	-44.10
01-1529	45 24.77	70 33.55	738.1	980466.59	1.38	-0.89	37.87	-44.23
01-1531	45 24.80	70 33.53	739.8	980466.33	1.39	-0.89	38.07	-44.21
01-1535	45 24.86	70 33.53	737.1	980467.02	1.42	-0.89	37.85	-44.09
01-1537	45 24.89	70 33.52	729.9	980468.22	1.45	-0.88	36.80	-44.31
01-1539	45 24.92	70 33.50	728.5	980468.69	1.47	-0.88	36.78	-44.15
01-1542	45 24.95	70 33.46	721.7	980469.14	1.52	-0.87	35.10	-45.02
01-1545	45 24.99	70 33.41	721.8	980468.81	1.56	-0.87	34.73	-45.35
01-1548	45 25.04	70 33.40	723.0	980468.71	1.56	-0.87	34.92	-45.30
01-1551	45 25.08	70 33.41	715.9	980469.90	1.59	-0.87	33.87	-45.52
01-1554	45 25.12	70 33.46	710.3	980471.27	1.60	-0.86	33.46	-45.29
01-1556	45 25.14	70 33.49	711.1	980471.34	1.58	-0.86	33.74	-45.12
01-1558	45 25.17	70 33.52	709.3	980471.77	1.58	-0.86	33.56	-45.09
01-1561	45 25.20	70 33.56	700.0	980473.51	1.61	-0.85	32.38	-45.19
01-1563	45 25.23	70 33.59	696.8	980474.20	1.61	-0.85	32.06	-45.15
01-1566	45 25.27	70 33.62	687.7	980475.92	1.66	-0.84	30.89	-45.24
01-1568	45 25.30	70 33.63	684.7	980476.52	1.67	-0.84	30.53	-45.25
01-1571	45 25.35	70 33.65	679.1	980477.60	1.71	-0.83	29.81	-45.30
01-1574	45 25.40	70 33.66	674.5	980478.43	1.74	-0.83	29.15	-45.42
01-1577	45 25.44	70 33.70	667.7	980479.71	1.77	-0.82	28.26	-45.51
01-1579	45 25.46	70 33.73	664.8	980480.41	1.77	-0.82	28.02	-45.41
01-1582	45 25.50	70 33.77	666.5	980480.24	1.71	-0.82	28.34	-45.35
01-1586	45 25.54	70 33.83	658.3	980482.13	1.73	-0.81	27.62	-45.12
01-1589	45 25.58	70 33.88	655.8	980482.86	1.71	-0.81	27.53	-44.95
01-1591	45 25.61	70 33.89	658.0	980482.61	1.67	-0.81	27.93	-44.84
01-1594	45 25.66	70 33.91	659.8	980482.47	1.61	-0.81	28.25	-44.78
01-1597	45 25.70	70 33.95	656.7	980483.14	1.60	-0.81	27.92	-44.78
01-1603	45 25.78	70 34.03	660.6	980482.75	1.48	-0.81	28.62	-44.64
01-1607	45 25.83	70 34.07	661.7	980482.74	1.44	-0.81	28.86	-44.56
01-1609	45 25.86	70 34.09	661.2	980482.90	1.42	-0.81	28.83	-44.56
01-1612	45 25.91	70 34.13	663.0	980482.70	1.37	-0.82	29.10	-44.53
01-1615	45 25.95	70 34.16	664.1	980482.63	1.33	-0.82	29.32	-44.48
01-1617	45 25.97	70 34.18	665.3	980482.47	1.31	-0.82	29.50	-44.46
01-1620	45 26.01	70 34.23	662.2	980483.16	1.30	-0.81	29.16	-44.45
01-1622	45 26.04	70 34.25	661.6	980483.26	1.28	-0.81	29.02	-44.54
01-1625	45 26.08	70 34.29	652.7	980484.95	1.31	-0.80	27.91	-44.62
01-1628	45 26.12	70 34.33	651.8	980485.08	1.29	-0.80	27.69	-44.75
01-1635	45 26.22	70 34.41	651.7	980485.08	1.25	-0.80	27.51	-44.96
01-1637	45 26.24	70 34.43	649.8	980485.51	1.25	-0.80	27.33	-44.93
01-1641	45 26.30	70 34.49	648.0	980485.92	1.24	-0.80	27.09	-44.97
01-1643	45 26.33	70 34.50	649.1	980485.82	1.23	-0.80	27.31	-44.90

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
01-1645	45 26.36	70 34.49	649.3	980485.77	1.22	-0.80	27.27	-44.97
01-1647	45 26.39	70 34.47	652.0	980485.33	1.19	-0.80	27.62	-44.96
01-1656	45 26.53	70 34.41	660.2	980484.19	1.12	-0.81	28.79	-44.78
01-1661	45 26.61	70 34.41	655.0	980485.29	1.12	-0.81	28.18	-44.81
01-1664	45 26.66	70 34.41	654.7	980485.40	1.11	-0.81	28.11	-44.85
01-1666	45 26.69	70 34.41	653.7	980485.70	1.10	-0.81	28.05	-44.80
01-1666	45 26.69	70 34.41	653.7	980485.73	1.10	-0.81	28.09	-44.77
01-1674	45 26.82	70 34.39	646.3	980487.44	1.09	-0.80	27.30	-44.72
01-1677	45 26.87	70 34.36	644.6	980487.86	1.08	-0.80	27.14	-44.71
01-1682	45 26.93	70 34.29	646.1	980487.76	1.05	-0.80	27.42	-44.63
01-1690	45 27.02	70 34.16	642.6	980488.82	1.03	-0.79	27.27	-44.41
01-1692	45 27.04	70 34.12	642.4	980489.04	1.03	-0.79	27.36	-44.28
01-1695	45 27.06	70 34.06	641.7	980489.39	1.02	-0.79	27.48	-44.10
01-1697	45 27.07	70 34.02	635.6	980490.78	1.04	-0.79	26.99	-43.89
01-1700	45 27.12	70 34.00	635.3	980491.07	1.03	-0.79	27.09	-43.76
01-1703	45 27.16	70 33.98	625.8	980493.17	1.05	-0.78	26.21	-43.55
01-1705	45 27.19	70 33.95	622.1	980494.22	1.06	-0.77	26.08	-43.25
01-1708	45 27.21	70 33.89	613.8	980495.86	1.10	-0.77	25.11	-43.23
01-1710	45 27.24	70 33.87	612.3	980496.36	1.10	-0.76	25.12	-43.06
01-1713	45 27.29	70 33.84	610.2	980496.82	1.10	-0.76	24.84	-43.10
01-1717	45 27.33	70 33.78	600.6	980498.69	1.14	-0.75	23.69	-43.13
01-1719	45 27.35	70 33.75	598.3	980498.98	1.15	-0.75	23.26	-43.30
01-1721	45 27.38	70 33.73	595.1	980499.57	1.17	-0.75	22.80	-43.36
01-1724	45 27.43	70 33.72	593.4	980500.04	1.16	-0.74	22.66	-43.32
01-1729	45 27.51	70 33.71	587.7	980501.22	1.18	-0.74	21.98	-43.34
01-1733	45 27.54	70 33.64	591.8	980500.65	1.14	-0.74	22.62	-43.21
01-1736	45 27.55	70 33.57	597.0	980499.69	1.10	-0.75	23.26	-43.19
01-1739	45 27.58	70 33.50	600.1	980499.16	1.07	-0.75	23.65	-43.19
01-1742	45 27.60	70 33.46	602.1	980498.89	1.05	-0.75	23.97	-43.11
01-1745	45 27.64	70 33.41	602.5	980498.92	1.04	-0.75	24.05	-43.08
01-1747	45 27.66	70 33.38	601.3	980499.24	1.04	-0.75	23.96	-43.04
01-1752	45 27.73	70 33.31	589.6	980501.83	1.09	-0.74	22.84	-42.79
01-1754	45 27.75	70 33.28	588.0	980502.22	1.10	-0.74	22.70	-42.73
01-1758	45 27.80	70 33.23	584.4	980503.15	1.10	-0.73	22.45	-42.58
01-1762	45 27.86	70 33.18	577.9	980504.71	1.13	-0.73	21.91	-42.35
01-1765	45 27.88	70 33.12	576.4	980505.26	1.13	-0.73	21.98	-42.11
01-1770	45 27.92	70 33.02	578.6	980505.09	1.10	-0.73	22.44	-41.94
01-1772	45 27.94	70 32.99	580.3	980504.90	1.08	-0.73	22.74	-41.85
01-1774	45 27.97	70 32.96	580.7	980504.97	1.07	-0.73	22.87	-41.77
01-1776	45 27.99	70 32.91	583.0	980504.79	1.05	-0.73	23.35	-41.56
01-1780	45 28.04	70 32.87	583.3	980505.25	1.04	-0.73	23.86	-41.11
01-1784	45 28.10	70 32.83	587.8	980504.65	1.00	-0.74	24.54	-40.97
01-1787	45 28.14	70 32.80	589.9	980504.54	0.97	-0.74	25.01	-40.76
01-1790	45 28.19	70 32.78	595.3	980503.76	0.94	-0.75	25.86	-40.57
01-1794	45 28.25	70 32.75	600.3	980503.19	0.91	-0.75	26.72	-40.30
01-1797	45 28.30	70 32.74	602.7	980502.81	0.90	-0.75	27.01	-40.29

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
01-1797	45 28.30	70 32.74	602.7	980502.85	0.90	-0.75	27.04	-40.26
01-1801	45 28.36	70 32.74	600.6	980503.40	0.89	-0.75	26.84	-40.22
01-1805	45 28.42	70 32.78	593.8	980504.86	0.90	-0.74	26.14	-40.16
01-1809	45 28.47	70 32.83	585.5	980506.70	0.92	-0.74	25.32	-40.01
01-1813	45 28.53	70 32.87	578.7	980508.22	0.94	-0.73	24.65	-39.89
01-1817	45 28.59	70 32.91	574.0	980509.27	0.95	-0.72	24.18	-39.83
01-1821	45 28.65	70 32.93	569.9	980510.21	0.95	-0.72	23.74	-39.79
01-1825	45 28.71	70 32.93	567.1	980511.07	0.94	-0.72	23.65	-39.58
01-1829	45 28.78	70 32.96	566.1	980511.58	0.93	-0.72	23.77	-39.37
01-1833	45 28.84	70 32.98	564.9	980512.20	0.92	-0.71	23.92	-39.09
01-1837	45 28.90	70 33.00	561.5	980513.54	0.92	-0.71	24.13	-38.50
01-1841	45 28.96	70 33.03	556.2	980514.67	0.92	-0.70	23.53	-38.49
01-1845	45 29.02	70 33.06	550.3	980517.08	0.92	-0.70	24.01	-37.35
01-1849	45 29.09	70 33.09	545.6	980517.26	0.91	-0.69	22.65	-38.19
01-1853	45 29.15	70 33.11	539.5	980518.20	0.91	-0.69	21.60	-38.55
01-1857	45 29.21	70 33.12	537.8	980518.88	0.88	-0.69	21.70	-38.29
01-1861	45 29.28	70 33.13	538.5	980518.79	0.84	-0.69	21.68	-38.42
01-1865	45 29.34	70 33.13	532.6	980520.02	0.83	-0.68	21.04	-38.42
01-1869	45 29.40	70 33.13	523.5	980522.12	0.83	-0.67	20.21	-38.21
01-1873	45 29.46	70 33.14	514.2	980523.78	0.83	-0.66	18.91	-38.45
01-1877	45 29.50	70 33.22	508.5	980525.21	0.84	-0.65	18.55	-38.17
01-1881	45 29.54	70 33.29	510.3	980525.19	0.81	-0.66	19.00	-37.94
01-1885	45 29.57	70 33.36	503.9	980526.31	0.84	-0.65	18.12	-38.08
01-1889	45 29.63	70 33.41	501.9	980526.87	0.82	-0.65	17.97	-38.02
01-1893	45 29.60	70 33.49	495.4	980528.05	0.89	-0.64	17.19	-38.00
01-1896	45 29.57	70 33.54	495.1	980528.14	0.92	-0.64	17.24	-37.89
01-1901	45 29.53	70 33.62	499.3	980527.01	0.95	-0.64	17.44	-38.12
01-1905	45 29.53	70 33.71	496.8	980527.31	0.99	-0.64	16.99	-38.26
01-1909	45 29.52	70 33.81	494.8	980527.15	1.04	-0.64	16.23	-38.74
01-1913	45 29.54	70 33.89	494.2	980526.99	1.04	-0.64	15.83	-39.06
01-1917	45 29.57	70 33.97	499.5	980526.47	0.99	-0.64	16.91	-38.64
01-1921	45 29.59	70 34.06	505.0	980525.15	0.96	-0.65	17.26	-38.94
01-1925	45 29.62	70 34.14	510.1	980524.40	0.92	-0.65	18.04	-38.78
01-1929	45 29.62	70 34.23	511.3	980523.95	0.93	-0.66	17.97	-38.98
01-1933	45 29.66	70 34.29	509.4	980524.32	0.92	-0.65	17.68	-39.06
01-1937	45 29.69	70 34.37	509.4	980524.70	0.90	-0.65	18.01	-38.74
01-1941	45 29.68	70 34.46	508.0	980524.17	0.93	-0.65	17.08	-39.49
01-1945	45 29.69	70 34.54	509.7	980523.84	0.92	-0.65	17.26	-39.51
01-1949	45 29.69	70 34.63	513.8	980523.26	0.91	-0.66	17.94	-39.30
01-1953	45 29.67	70 34.72	519.6	980522.10	0.91	-0.67	18.61	-39.30
01-1957	45 29.66	70 34.81	528.3	980520.50	0.90	-0.67	19.70	-39.19
01-1961	45 29.63	70 34.89	540.4	980518.06	0.90	-0.69	21.03	-39.23
01-1965	45 29.59	70 34.97	546.1	980516.86	0.92	-0.69	21.66	-39.23
01-1969	45 29.57	70 35.05	551.0	980515.62	0.93	-0.70	21.96	-39.47
01-1973	45 29.55	70 35.14	551.6	980515.11	0.94	-0.70	21.65	-39.83
01-1977	45 29.52	70 35.22	553.0	980514.37	0.96	-0.70	21.38	-40.24

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
01-1981	45 29.49	70 35.29	554.7	980513.73	0.98	-0.70	21.31	-40.48
01-1985	45 29.51	70 35.38	550.5	980514.44	0.98	-0.70	20.71	-40.61
01-1989	45 29.51	70 35.47	548.5	980514.77	0.99	-0.70	20.41	-40.67
01-1993	45 29.52	70 35.56	547.1	980514.92	0.99	-0.70	20.13	-40.80
01-1997	45 29.52	70 35.65	545.9	980514.77	1.00	-0.69	19.60	-41.18
01-2001	45 29.50	70 35.74	552.1	980513.32	1.00	-0.70	20.11	-41.38
01-2005	45 29.47	70 35.82	557.8	980512.26	1.01	-0.71	20.83	-41.28
01-2009	45 29.44	70 35.90	565.0	980510.62	1.03	-0.71	21.46	-41.44
01-2021	45 29.40	70 36.16	599.6	980503.57	1.07	-0.75	25.16	-41.62
01-2025	45 29.38	70 36.25	608.0	980501.92	1.10	-0.76	26.11	-41.58
01-2029	45 29.36	70 36.34	612.8	980500.48	1.13	-0.76	26.17	-42.03
01-2033	45 29.37	70 36.43	609.2	980501.02	1.13	-0.76	25.59	-42.20
01-2037	45 29.39	70 36.52	599.9	980502.76	1.12	-0.75	24.44	-42.32
01-2041	45 29.39	70 36.61	596.0	980503.01	1.13	-0.75	23.49	-42.82
01-2045	45 29.39	70 36.71	592.7	980503.56	1.14	-0.74	23.02	-42.90
01-2049	45 29.39	70 36.80	591.5	980503.39	1.15	-0.74	22.50	-43.29
01-2053	45 29.38	70 36.89	588.6	980503.59	1.18	-0.74	21.81	-43.61
01-2057	45 29.39	70 36.98	587.9	980503.60	1.18	-0.74	21.58	-43.76
01-2061	45 29.39	70 37.07	593.5	980502.77	1.18	-0.74	22.49	-43.49
01-2065	45 29.38	70 37.16	597.8	980501.72	1.19	-0.75	22.78	-43.67
01-2069	45 29.38	70 37.25	600.7	980500.85	1.19	-0.75	22.80	-43.98
01-2073	45 29.38	70 37.34	601.6	980500.67	1.19	-0.75	22.88	-44.00
01-2077	45 29.40	70 37.43	599.1	980500.68	1.17	-0.75	22.10	-44.52
01-2081	45 29.42	70 37.52	600.9	980500.44	1.15	-0.75	22.40	-44.45
01-2085	45 29.43	70 37.61	603.0	980499.90	1.14	-0.75	22.48	-44.61
01-2089	45 29.44	70 37.70	604.3	980499.47	1.12	-0.76	22.44	-44.82
01-2093	45 29.44	70 37.79	608.9	980498.42	1.12	-0.76	22.81	-44.97
01-2097	45 29.42	70 37.88	611.6	980497.58	1.12	-0.76	22.84	-45.25
01-2101	45 29.43	70 37.97	611.0	980497.47	1.11	-0.76	22.52	-45.51
01-2105	45 29.45	70 38.06	609.1	980497.69	1.09	-0.76	22.11	-45.71
01-2110	45 29.48	70 38.16	605.0	980498.05	1.05	-0.76	21.16	-46.24
01-2113	45 29.51	70 38.22	601.7	980498.57	1.03	-0.75	20.62	-46.43
01-2017	45 29.42	70 36.08	585.6	980506.46	1.04	-0.74	23.69	-41.54
01-2013	45 29.43	70 36.00	573.9	980508.63	1.03	-0.72	22.22	-41.69
01-2391	45 31.36	70 42.60	635.6	980488.22	0.85	-0.79	17.95	-53.11
01-2387	45 31.32	70 42.53	634.8	980488.14	0.84	-0.79	17.67	-53.31
01-2383	45 31.26	70 42.48	631.8	980488.80	0.83	-0.78	17.49	-53.16
01-2379	45 31.21	70 42.42	628.1	980489.47	0.82	-0.78	17.11	-53.13
01-2375	45 31.16	70 42.36	621.1	980490.46	0.81	-0.77	16.01	-53.45
01-2371	45 31.11	70 42.30	616.6	980491.19	0.81	-0.77	15.43	-53.53
01-2367	45 31.06	70 42.24	618.9	980490.56	0.81	-0.77	15.59	-53.63
01-2363	45 31.01	70 42.19	619.8	980490.28	0.82	-0.77	15.66	-53.65
01-2359	45 30.96	70 42.13	617.5	980490.61	0.83	-0.77	15.34	-53.69
01-2355	45 30.91	70 42.07	612.3	980491.40	0.83	-0.76	14.63	-53.82
01-2351	45 30.85	70 42.01	605.8	980492.64	0.85	-0.76	13.93	-53.76
01-2347	45 30.80	70 41.95	594.8	980494.36	0.88	-0.75	12.36	-54.07

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
01-2343	45 30.77	70 41.88	590.2	980495.49	0.89	-0.74	12.11	-53.79
01-2339	45 30.75	70 41.79	588.2	980495.97	0.89	-0.74	12.00	-53.67
01-2335	45 30.74	70 41.70	577.5	980498.06	0.92	-0.73	10.79	-53.63
01-2331	45 30.74	70 41.61	567.4	980499.72	0.95	-0.72	9.34	-53.92
01-2327	45 30.74	70 41.52	562.1	980501.18	0.96	-0.71	9.18	-53.48
01-2323	45 30.77	70 41.44	557.0	980502.49	0.95	-0.71	8.85	-53.23
01-2319	45 30.77	70 41.35	551.7	980503.57	0.96	-0.70	8.31	-53.16
01-2315	45 30.76	70 41.26	547.3	980504.38	0.98	-0.70	7.76	-53.19
01-2311	45 30.76	70 41.17	543.8	980505.17	0.98	-0.69	7.49	-53.07
01-2307	45 30.74	70 41.08	539.0	980506.14	1.00	-0.69	6.99	-53.01
01-2303	45 30.76	70 41.00	536.8	980506.85	0.98	-0.68	6.99	-52.78
01-2299	45 30.79	70 40.91	532.8	980507.76	0.96	-0.68	6.65	-52.69
01-2295	45 30.81	70 40.83	528.3	980508.75	0.96	-0.67	6.21	-52.62
01-2291	45 30.84	70 40.74	524.6	980509.95	0.96	-0.67	6.22	-52.20
01-2287	45 30.86	70 40.66	520.3	980510.59	0.95	-0.67	5.50	-52.44
01-2283	45 30.86	70 40.57	520.3	980511.89	0.92	-0.67	6.80	-51.17
01-2279	45 30.83	70 40.49	521.1	980511.86	0.91	-0.67	7.06	-51.01
01-2275	45 30.81	70 40.40	521.7	980510.92	0.89	-0.67	6.33	-51.82
01-2271	45 30.81	70 40.31	521.1	980511.23	0.87	-0.67	6.48	-51.63
01-2267	45 30.80	70 40.21	523.3	980511.11	0.84	-0.67	7.04	-51.35
01-2263	45 30.80	70 40.12	523.7	980511.09	0.82	-0.67	7.15	-51.30
01-2259	45 30.79	70 40.03	522.7	980511.33	0.80	-0.67	7.09	-51.27
01-2255	45 30.79	70 39.93	520.3	980511.97	0.79	-0.67	7.00	-51.10
01-2251	45 30.77	70 39.84	519.6	980512.05	0.78	-0.67	6.87	-51.15
01-2247	45 30.75	70 39.75	519.8	980511.98	0.77	-0.67	6.90	-51.16
01-2243	45 30.73	70 39.66	523.0	980511.61	0.75	-0.67	7.54	-50.90
01-2239	45 30.72	70 39.58	524.0	980511.59	0.74	-0.67	7.87	-50.70
01-2235	45 30.70	70 39.49	524.4	980511.58	0.73	-0.67	8.01	-50.61
01-2231	45 30.69	70 39.40	529.1	980511.05	0.71	-0.68	8.93	-50.24
01-2227	45 30.67	70 39.31	529.7	980511.15	0.70	-0.68	9.25	-50.00
01-2223	45 30.65	70 39.22	520.5	980512.97	0.71	-0.67	8.28	-49.93
01-2219	45 30.63	70 39.13	508.8	980515.34	0.75	-0.65	7.06	-49.78
01-2215	45 30.58	70 39.08	501.7	980516.99	0.79	-0.65	6.58	-49.41
01-2211	45 30.55	70 39.00	497.6	980518.08	0.82	-0.64	6.45	-49.05
01-2207	45 30.48	70 38.99	500.3	980517.44	0.83	-0.64	6.75	-49.04
01-2203	45 30.43	70 39.02	504.0	980516.91	0.84	-0.65	7.44	-48.77
01-2199	45 30.38	70 39.07	504.6	980516.45	0.88	-0.65	7.24	-48.99
01-2195	45 30.31	70 39.07	504.6	980516.00	0.92	-0.65	6.91	-49.29
01-2191	45 30.25	70 39.05	506.4	980515.61	0.95	-0.65	7.16	-49.21
01-2186	45 30.18	70 39.00	510.6	980514.90	0.95	-0.66	7.85	-48.99
01-2183	45 30.14	70 38.99	515.1	980514.61	0.95	-0.66	9.02	-48.33
01-2179	45 30.08	70 38.97	517.4	980514.08	0.97	-0.66	9.27	-48.32
01-2174	45 29.99	70 38.96	520.8	980513.32	1.01	-0.67	9.71	-48.23
01-2171	45 29.94	70 38.93	523.9	980512.90	1.02	-0.67	10.31	-47.96
01-2167	45 29.89	70 38.95	525.5	980511.90	1.05	-0.67	9.87	-48.55
01-2163	45 29.83	70 38.98	529.1	980511.11	1.08	-0.68	10.29	-48.51

LINE 1 - U.S. PORTION

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATTITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
01-2159	45 29.77	70 39.00	531.8	980509.92	1.11	-0.68	10.02	-49.06
01-2155	45 29.71	70 38.99	544.4	980507.58	1.08	-0.69	11.67	-48.86
01-2151	45 29.67	70 38.93	556.1	980505.47	1.03	-0.70	13.22	-48.68
01-2147	45 29.65	70 38.84	568.6	980503.28	0.98	-0.72	14.91	-48.45
01-2143	45 29.65	70 38.75	575.1	980502.33	0.95	-0.73	15.97	-48.16
01-2139	45 29.68	70 38.68	575.8	980502.36	0.93	-0.73	16.17	-48.05
01-2135	45 29.70	70 38.59	579.0	980502.26	0.92	-0.73	17.03	-47.57
01-2131	45 29.68	70 38.50	582.8	980501.74	0.92	-0.73	17.72	-47.31
01-2126	45 29.65	70 38.40	587.0	980501.34	0.94	-0.74	18.65	-46.83
01-2123	45 29.63	70 38.34	586.3	980501.62	0.95	-0.74	18.75	-46.64
01-2119	45 29.60	70 38.27	591.6	980500.72	0.97	-0.74	19.51	-46.46
01-2115	45 29.54	70 38.24	598.6	980499.25	1.01	-0.75	20.32	-46.41

LINE 2

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
02-1001	45 21.55	70 41.88	393.4	980509.76	1.64	-0.52	-20.43	-63.33
02-1005	45 21.49	70 41.84	390.7	980510.15	1.72	-0.52	-20.80	-63.31
02-1017	45 21.33	70 41.69	391.3	980509.64	1.82	-0.52	-20.88	-63.36
02-1024	45 21.24	70 41.58	393.5	980509.11	1.86	-0.52	-20.59	-63.28
02-1028	45 21.22	70 41.50	390.1	980509.58	1.95	-0.52	-21.13	-63.35
02-1033	45 21.16	70 41.43	393.4	980509.18	1.94	-0.52	-20.42	-63.02
02-1035	45 21.14	70 41.40	392.6	980509.18	1.97	-0.52	-20.64	-63.12
02-1039	45 21.10	70 41.33	398.3	980508.05	1.92	-0.53	-19.95	-63.13
02-1048	45 21.03	70 41.15	393.5	980509.05	2.05	-0.52	-20.33	-62.83
02-1050	45 21.03	70 41.10	395.8	980508.89	2.03	-0.52	-19.78	-62.56
02-1052	45 21.02	70 41.06	397.3	980508.91	2.02	-0.53	-19.28	-62.24
02-1054	45 21.01	70 41.02	402.1	980508.37	1.96	-0.53	-18.33	-61.89
02-1058	45 20.98	70 40.93	397.6	980509.36	2.05	-0.53	-18.66	-61.64
02-1061	45 20.97	70 40.86	400.4	980508.73	2.03	-0.53	-18.42	-61.73
02-1065	45 20.94	70 40.78	392.9	980510.36	2.17	-0.52	-19.08	-61.39
02-1068	45 20.92	70 40.72	393.1	980510.33	2.17	-0.52	-19.01	-61.35
02-1071	45 20.89	70 40.66	396.4	980510.05	2.11	-0.52	-18.22	-61.00
02-1074	45 20.87	70 40.59	394.6	980510.43	2.15	-0.52	-18.36	-60.89
02-1076	45 20.85	70 40.56	396.5	980510.24	2.11	-0.52	-17.93	-60.72
02-1081	45 20.81	70 40.46	399.4	980509.78	2.07	-0.53	-17.42	-60.58
02-1084	45 20.79	70 40.40	399.5	980509.69	2.07	-0.53	-17.45	-60.62
02-1087	45 20.77	70 40.34	395.8	980510.32	2.13	-0.52	-17.95	-60.64
02-1093	45 20.70	70 40.25	403.1	980509.48	1.99	-0.53	-16.42	-60.07
02-1095	45 20.67	70 40.22	406.2	980509.08	1.93	-0.54	-15.83	-59.89
02-1100	45 20.63	70 40.13	411.0	980508.51	1.87	-0.54	-14.87	-59.53
02-1106	45 20.56	70 40.03	406.1	980509.54	1.93	-0.54	-15.24	-59.29
02-1110	45 20.51	70 39.98	397.9	980510.95	2.04	-0.53	-16.26	-59.28
02-1113	45 20.46	70 39.93	397.4	980511.02	2.03	-0.53	-16.29	-59.26
02-1117	45 20.43	70 39.87	397.7	980511.20	2.04	-0.53	-15.97	-58.96
02-1121	45 20.37	70 39.80	400.6	980510.73	1.99	-0.53	-15.45	-58.82
02-1123	45 20.36	70 39.75	399.9	980510.88	2.03	-0.53	-15.51	-58.75
02-1126	45 20.33	70 39.71	402.7	980510.54	1.99	-0.53	-14.95	-58.55
02-1131	45 20.28	70 39.62	403.4	980510.61	2.01	-0.53	-14.58	-58.24
02-1136	45 20.21	70 39.55	395.6	980512.29	2.13	-0.52	-15.21	-57.87
02-1139	45 20.18	70 39.50	394.9	980512.53	2.17	-0.52	-15.12	-57.67
02-1145	45 20.11	70 39.41	400.0	980511.78	2.11	-0.53	-14.20	-57.38
02-1147	45 20.08	70 39.38	399.0	980512.04	2.14	-0.53	-14.21	-57.24
02-1151	45 20.03	70 39.32	403.5	980511.10	2.09	-0.53	-13.68	-57.27
02-1156	45 19.96	70 39.25	400.5	980511.92	2.16	-0.53	-13.66	-56.85
02-1157	45 19.95	70 39.24	401.1	980511.92	2.15	-0.53	-13.48	-56.75
02-1160	45 19.92	70 39.20	399.9	980512.36	2.18	-0.53	-13.37	-56.47
02-1163	45 19.87	70 39.15	405.0	980511.79	2.12	-0.53	-12.28	-56.02
02-1167	45 19.83	70 39.09	409.1	980511.40	2.08	-0.54	-11.34	-55.58
02-1169	45 19.79	70 39.07	410.9	980511.34	2.05	-0.54	-10.79	-55.26
02-1172	45 19.75	70 39.06	408.9	980511.93	2.08	-0.54	-10.76	-54.98
02-1175	45 19.70	70 39.05	404.6	980512.62	2.14	-0.53	-11.32	-54.99

LINE 2

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
02-1179	45 19.65	70 39.00	403.4	980512.75	2.18	-0.53	-11.48	-54.98
02-1181	45 19.64	70 38.96	402.9	980513.23	2.20	-0.53	-11.16	-54.57
02-1186	45 19.62	70 38.84	392.0	980515.15	2.42	-0.52	-12.57	-54.53
02-1195	45 19.61	70 38.64	414.6	980511.48	2.10	-0.55	-9.25	-54.09
02-1198	45 19.60	70 38.57	422.5	980510.45	2.00	-0.56	-7.80	-53.64
02-1200	45 19.59	70 38.53	420.1	980510.75	2.05	-0.55	-8.25	-53.76
02-1203	45 19.54	70 38.49	417.8	980511.18	2.07	-0.55	-8.44	-53.67
02-1208	45 19.48	70 38.45	398.0	980514.47	2.38	-0.53	-11.19	-53.87
02-1211	45 19.44	70 38.40	395.1	980514.86	2.42	-0.52	-11.63	-53.94
02-1215	45 19.42	70 38.32	390.1	980515.36	2.51	-0.52	-12.62	-54.28
02-1218	45 19.41	70 38.25	393.7	980514.92	2.45	-0.52	-11.96	-54.08
02-1221	45 19.37	70 38.18	400.5	980514.01	2.30	-0.53	-10.68	-53.73
02-1222	45 19.37	70 38.16	399.3	980514.37	2.32	-0.53	-10.70	-53.59
02-1224	45 19.35	70 38.14	396.9	980515.01	2.36	-0.53	-10.79	-53.36
02-1226	45 19.32	70 38.12	400.9	980514.52	2.27	-0.53	-9.99	-53.12
02-1229	45 19.29	70 38.08	403.4	980514.31	2.21	-0.53	-9.40	-52.86
02-1231	45 19.28	70 38.03	408.7	980513.47	2.11	-0.54	-8.57	-52.74
02-1232	45 19.28	70 38.00	410.3	980513.25	2.09	-0.54	-8.30	-52.66
02-1234	45 19.27	70 37.97	404.8	980513.99	2.17	-0.53	-9.23	-52.90
02-1237	45 19.24	70 37.91	404.3	980514.38	2.16	-0.53	-8.98	-52.59
02-1239	45 19.20	70 37.89	400.0	980515.26	2.21	-0.53	-9.34	-52.42
02-1240	45 19.20	70 37.88	401.1	980515.31	2.19	-0.53	-8.94	-52.17
02-1242	45 19.17	70 37.88	404.5	980515.03	2.13	-0.53	-8.14	-51.81
02-1242	45 19.17	70 37.88	404.5	980515.01	2.13	-0.53	-8.16	-51.83
02-1250	45 19.08	70 37.75	394.1	980517.22	2.25	-0.52	-9.03	-51.40
02-1251	45 19.06	70 37.74	394.2	980517.24	2.25	-0.52	-8.94	-51.32
02-1254	45 19.04	70 37.68	401.3	980515.94	2.11	-0.53	-8.02	-51.35
02-1255	45 19.03	70 37.66	401.5	980516.19	2.10	-0.53	-7.69	-51.05
02-1259	45 19.01	70 37.58	394.6	980517.61	2.20	-0.52	-8.38	-50.85
02-1265	45 18.96	70 37.45	399.7	980516.76	2.08	-0.53	-7.57	-50.75
02-1270	45 18.91	70 37.37	397.7	980517.15	2.08	-0.53	-7.74	-50.69
02-1274	45 18.86	70 37.31	395.7	980517.63	2.09	-0.52	-7.79	-50.50
02-1277	45 18.83	70 37.25	395.9	980517.38	2.07	-0.52	-7.94	-50.69
02-1280	45 18.79	70 37.20	399.9	980516.78	1.98	-0.53	-7.23	-50.53
02-1283	45 18.77	70 37.15	399.0	980516.88	1.98	-0.53	-7.39	-50.58
02-1285	45 18.75	70 37.11	402.1	980516.37	1.93	-0.53	-6.93	-50.52
02-1287	45 18.73	70 37.08	401.0	980516.57	1.92	-0.53	-7.02	-50.50
02-1290	45 18.70	70 37.03	399.3	980517.01	1.93	-0.53	-7.07	-50.35
02-1297	45 18.61	70 36.93	392.3	980518.57	1.98	-0.52	-7.52	-49.96
02-1305	45 18.51	70 36.81	394.4	980518.59	1.88	-0.52	-6.68	-49.47
02-1306	45 18.50	70 36.79	394.5	980518.69	1.87	-0.52	-6.55	-49.35
02-1308	45 18.48	70 36.75	391.4	980519.53	1.89	-0.52	-6.65	-49.07
02-1311	45 18.44	70 36.73	388.8	980520.07	1.91	-0.52	-6.86	-48.97
02-1315	45 18.37	70 36.68	383.0	980521.15	1.95	-0.51	-7.45	-48.87
02-1319	45 18.34	70 36.63	386.5	980520.69	1.86	-0.51	-6.77	-48.67
02-1323	45 18.29	70 36.55	385.7	980520.79	1.83	-0.51	-6.85	-48.69

LINE 2

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATTITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
02-1327	45 18.27	70 36.47	390.2	980520.54	1.73	-0.52	-5.70	-48.14
02-1328	45 18.27	70 36.43	391.3	980520.46	1.71	-0.52	-5.44	-48.03
02-1332	45 18.24	70 36.36	390.8	980520.72	1.68	-0.52	-5.27	-47.84
02-1335	45 18.20	70 36.33	391.1	980520.81	1.64	-0.52	-5.03	-47.67
02-1338	45 18.16	70 36.30	387.6	980521.29	1.66	-0.51	-5.56	-47.79
02-1343	45 18.08	70 36.25	378.8	980523.05	1.71	-0.50	-6.40	-47.59
02-1349	45 17.99	70 36.27	378.7	980523.00	1.67	-0.50	-6.36	-47.57
02-1360	45 17.81	70 36.29	376.1	980523.19	1.64	-0.50	-6.70	-47.64
02-1366	45 17.71	70 36.25	380.9	980523.01	1.53	-0.51	-5.26	-46.85
02-1371	45 17.65	70 36.20	377.5	980523.61	1.53	-0.50	-5.58	-46.80
02-1375	45 17.60	70 36.14	376.8	980523.69	1.49	-0.50	-5.66	-46.84
02-1378	45 17.56	70 36.09	378.1	980523.51	1.43	-0.50	-5.37	-46.76
02-1381	45 17.53	70 36.05	384.4	980522.09	1.33	-0.51	-4.80	-47.00
02-1386	45 17.46	70 35.97	384.5	980522.61	1.26	-0.51	-4.16	-46.43
02-1389	45 17.43	70 35.91	380.8	980523.80	1.26	-0.51	-4.05	-45.91
02-1393	45 17.37	70 35.86	373.7	980525.44	1.30	-0.50	-4.52	-45.53
02-1398	45 17.33	70 35.77	380.9	980523.84	1.16	-0.51	-3.82	-45.79
02-1407	45 17.25	70 35.59	384.5	980523.66	1.04	-0.51	-2.78	-45.28
02-1415	45 17.16	70 35.46	385.0	980524.00	0.98	-0.51	-2.16	-44.77
02-1424	45 17.04	70 35.33	384.5	980525.77	0.92	-0.51	-0.35	-42.97
02-1430	45 16.95	70 35.28	375.4	980527.86	0.96	-0.50	-0.94	-42.49
02-1432	45 16.93	70 35.25	376.0	980527.86	0.95	-0.50	-0.72	-42.35
02-1435	45 16.87	70 35.24	383.1	980526.95	0.87	-0.51	0.65	-41.86
02-1436	45 16.87	70 35.23	383.7	980526.80	0.87	-0.51	0.68	-41.90
02-1439	45 16.82	70 35.20	382.4	980527.33	0.87	-0.51	0.88	-41.54
02-1442	45 16.79	70 35.16	382.1	980527.75	0.85	-0.51	1.25	-41.17
02-1445	45 16.75	70 35.11	388.0	980527.19	0.80	-0.51	2.59	-40.55
02-1452	45 16.68	70 34.99	387.4	980528.11	0.77	-0.51	3.41	-39.68
02-1458	45 16.68	70 34.84	390.5	980528.26	0.73	-0.52	4.54	-38.95
02-1462	45 16.67	70 34.75	396.3	980528.36	0.69	-0.52	6.44	-37.75
02-1463	45 16.66	70 34.74	396.6	980528.61	0.68	-0.52	6.78	-37.44
02-1471	45 16.60	70 34.58	375.4	980533.55	0.80	-0.50	5.28	-36.43
02-1471	45 16.60	70 34.58	375.4	980533.51	0.80	-0.50	5.25	-36.46
02-1473	45 16.58	70 34.54	375.2	980533.72	0.79	-0.50	5.40	-36.29
02-1478	45 16.52	70 34.48	380.3	980533.33	0.74	-0.51	6.68	-35.64
02-1480	45 16.49	70 34.45	383.8	980532.74	0.71	-0.51	7.21	-35.53
02-1482	45 16.46	70 34.41	383.7	980532.61	0.70	-0.51	7.10	-35.64
02-1485	45 16.42	70 34.39	382.6	980532.76	0.70	-0.51	6.99	-35.63
02-1490	45 16.36	70 34.33	380.5	980532.75	0.71	-0.51	6.43	-35.95
02-1493	45 16.32	70 34.29	382.1	980532.15	0.69	-0.51	6.37	-36.21
02-1495	45 16.29	70 34.25	378.9	980532.62	0.71	-0.50	5.88	-36.31
02-1497	45 16.26	70 34.24	376.6	980532.81	0.72	-0.50	5.41	-36.51
02-1499	45 16.23	70 34.23	373.0	980533.22	0.75	-0.50	4.77	-36.72
02-1506	45 16.12	70 34.23	373.5	980531.97	0.74	-0.50	3.83	-37.72
02-1586	45 15.34	70 33.00	366.5	980531.21	0.68	-0.49	2.10	-38.72
02-1599	45 15.18	70 32.83	367.9	980530.63	0.67	-0.49	2.20	-38.80

LINE 2

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
02-1606	45 15.08	70 32.75	371.0	980530.47	0.66	-0.49	3.12	-38.22
02-1611	45 15.01	70 32.68	370.8	980531.12	0.65	-0.49	3.82	-37.51
02-1617	45 14.95	70 32.58	374.2	980530.95	0.62	-0.50	4.81	-36.95
02-1621	45 14.93	70 32.49	376.4	980530.80	0.60	-0.50	5.37	-36.66
02-1625	45 14.92	70 32.40	382.7	980530.03	0.55	-0.51	6.54	-36.24
02-1630	45 14.90	70 32.29	380.4	980531.09	0.56	-0.51	6.94	-35.58
02-1634	45 14.88	70 32.21	386.4	980530.58	0.52	-0.51	8.28	-34.94
02-1635	45 14.87	70 32.18	386.7	980530.59	0.51	-0.51	8.40	-34.87
02-1643	45 14.85	70 32.00	382.2	980531.83	0.51	-0.51	8.28	-34.48
02-1646	45 14.84	70 31.94	378.0	980532.52	0.54	-0.50	7.71	-34.55
02-1649	45 14.84	70 31.87	373.4	980533.37	0.56	-0.50	7.12	-34.60
02-1651	45 14.85	70 31.83	372.4	980533.43	0.56	-0.50	6.86	-34.75
02-1654	45 14.86	70 31.76	367.9	980533.70	0.58	-0.49	5.73	-35.35
02-1658	45 14.87	70 31.67	370.2	980534.02	0.55	-0.49	6.76	-34.61
02-1665	45 14.86	70 31.51	366.4	980534.73	0.55	-0.49	6.32	-34.62
02-1671	45 14.84	70 31.38	370.0	980534.64	0.52	-0.49	7.36	-34.02
02-1672	45 14.84	70 31.35	369.8	980534.81	0.51	-0.49	7.45	-33.91
02-1675	45 14.83	70 31.29	367.1	980535.63	0.53	-0.49	7.46	-33.58
02-1680	45 14.81	70 31.17	373.6	980535.15	0.48	-0.50	9.03	-32.80
02-1681	45 14.81	70 31.15	374.9	980534.97	0.47	-0.50	9.25	-32.74
02-1688	45 14.79	70 30.99	372.9	980535.90	0.47	-0.50	9.59	-32.16
02-1691	45 14.78	70 30.93	369.6	980536.89	0.48	-0.49	9.58	-31.80
02-1696	45 14.75	70 30.82	374.6	980536.25	0.45	-0.50	10.52	-31.45
02-1698	45 14.73	70 30.78	373.7	980536.49	0.45	-0.50	10.51	-31.35
02-1703	45 14.70	70 30.68	364.8	980538.44	0.50	-0.49	9.74	-31.06
02-1710	45 14.65	70 30.53	364.8	980538.57	0.48	-0.49	9.97	-30.86
02-1506	45 16.12	70 34.23	373.5	980532.06	0.74	-0.50	3.92	-37.63
02-1514	45 16.00	70 34.16	373.3	980531.44	0.73	-0.50	3.42	-38.12
02-1518	45 15.93	70 34.16	376.7	980530.24	0.70	-0.50	3.38	-38.57
02-1522	45 15.87	70 34.15	380.9	980529.20	0.66	-0.51	3.72	-38.75
02-1530	45 15.76	70 34.04	379.1	980529.07	0.66	-0.50	3.19	-39.07
02-1539	45 15.66	70 33.90	371.3	980530.01	0.70	-0.49	1.89	-39.45
02-1543	45 15.60	70 33.84	375.9	980529.54	0.66	-0.50	2.94	-38.97
02-1544	45 15.59	70 33.84	376.6	980529.40	0.66	-0.50	3.01	-38.96
02-1549	45 15.52	70 33.77	373.7	980529.85	0.68	-0.50	2.67	-38.96
02-1555	45 15.45	70 33.68	376.3	980528.83	0.65	-0.50	2.57	-39.39
02-1560	45 15.42	70 33.58	374.9	980528.72	0.65	-0.50	2.07	-39.73
02-1564	45 15.39	70 33.49	372.8	980529.56	0.66	-0.50	2.32	-39.24
02-1568	45 15.39	70 33.41	368.4	980530.30	0.69	-0.49	1.69	-39.34
02-1572	45 15.39	70 33.31	368.5	980530.52	0.68	-0.49	1.95	-39.10
02-1576	45 15.38	70 33.22	365.5	980531.15	0.70	-0.49	1.66	-39.03
02-1586	45 15.34	70 33.00	366.5	980531.30	0.68	-0.49	2.20	-38.63
02-1710	45 14.65	70 30.53	364.8	980538.56	0.48	-0.49	9.96	-30.87
02-1713	45 14.63	70 30.47	369.3	980537.62	0.45	-0.49	10.44	-30.93
02-1715	45 14.62	70 30.42	367.1	980537.53	0.45	-0.49	9.69	-31.43
02-1715	45 14.62	70 30.42	367.1	980537.51	0.45	-0.49	9.67	-31.45

LINE 2

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
02-1721	45 14.58	70 30.30	372.8	980536.71	0.41	-0.50	10.69	-31.12
02-1725	45 14.55	70 30.22	373.8	980536.26	0.40	-0.50	10.56	-31.36
02-1730	45 14.50	70 30.12	371.5	980537.08	0.40	-0.50	10.79	-30.89
02-1735	45 14.46	70 30.03	367.2	980537.76	0.41	-0.49	10.17	-30.99
02-1738	45 14.43	70 29.98	367.3	980537.80	0.41	-0.49	10.29	-30.89
02-1742	45 14.37	70 29.92	367.6	980537.76	0.40	-0.49	10.45	-30.78
02-1745	45 14.33	70 29.88	363.7	980538.70	0.41	-0.49	10.24	-30.53
02-1752	45 14.24	70 29.80	366.2	980538.31	0.39	-0.49	10.74	-30.33
02-1755	45 14.20	70 29.76	363.2	980538.42	0.40	-0.49	9.99	-30.73
02-1759	45 14.14	70 29.71	363.3	980537.48	0.39	-0.49	9.17	-31.57
02-1761	45 14.12	70 29.68	362.3	980537.55	0.40	-0.48	8.98	-31.64
02-1766	45 14.05	70 29.62	363.1	980537.09	0.39	-0.48	8.86	-31.86
02-1771	45 13.98	70 29.57	363.5	980536.57	0.38	-0.49	8.59	-32.20
02-1777	45 13.89	70 29.52	362.3	980536.63	0.38	-0.48	8.39	-32.25
02-1781	45 13.82	70 29.49	362.9	980536.37	0.37	-0.48	8.43	-32.29
02-1792	45 13.66	70 29.40	361.8	980536.35	0.37	-0.48	8.32	-32.28
02-1799	45 13.57	70 29.31	359.9	980536.81	0.37	-0.48	8.33	-32.05
02-1804	45 13.51	70 29.22	359.4	980537.14	0.37	-0.48	8.61	-31.73
02-1806	45 13.49	70 29.19	358.2	980537.44	0.37	-0.48	8.54	-31.65
02-1814	45 13.38	70 29.09	358.1	980537.90	0.37	-0.48	9.16	-31.03
02-1817	45 13.34	70 29.06	356.1	980538.25	0.38	-0.48	8.94	-31.01
02-1822	45 13.27	70 29.00	358.5	980537.78	0.37	-0.48	9.31	-30.92
02-1828	45 13.18	70 28.93	359.5	980537.81	0.36	-0.48	9.80	-30.55
02-1828	45 13.18	70 28.93	359.5	980537.89	0.36	-0.48	9.87	-30.48
02-1833	45 13.11	70 28.89	358.5	980537.83	0.36	-0.48	9.59	-30.64
02-1844	45 12.93	70 28.85	372.9	980534.81	0.33	-0.50	11.32	-30.58
02-1850	45 12.84	70 28.83	368.8	980535.61	0.34	-0.49	10.97	-30.45
02-1855	45 12.76	70 28.78	370.5	980535.05	0.34	-0.49	11.07	-30.55
02-1862	45 12.69	70 28.66	367.8	980535.49	0.35	-0.49	10.78	-30.52
02-1866	45 12.66	70 28.59	375.1	980534.47	0.33	-0.50	12.04	-30.10
02-1868	45 12.63	70 28.56	376.3	980534.04	0.33	-0.50	12.04	-30.24
02-1871	45 12.59	70 28.53	374.2	980534.55	0.33	-0.50	11.95	-30.09
02-1875	45 12.53	70 28.50	368.3	980535.99	0.35	-0.49	11.66	-29.70
02-1881	45 12.44	70 28.44	361.1	980537.76	0.37	-0.48	11.35	-29.17
02-1885	45 12.40	70 28.37	358.9	980538.21	0.37	-0.48	11.19	-29.08
02-1888	45 12.37	70 28.32	360.7	980537.93	0.36	-0.48	11.49	-28.99
02-1891	45 12.34	70 28.26	360.5	980538.01	0.36	-0.48	11.58	-28.89
02-1894	45 12.32	70 28.20	361.9	980537.90	0.35	-0.48	11.92	-28.71
02-1898	45 12.29	70 28.12	362.5	980537.80	0.35	-0.48	12.07	-28.64
02-1904	45 12.22	70 28.03	361.0	980538.54	0.35	-0.48	12.44	-28.09
02-1907	45 12.18	70 27.98	357.1	980539.55	0.35	-0.48	12.30	-27.79
02-1910	45 12.14	70 27.94	357.3	980539.72	0.35	-0.48	12.60	-27.51
02-1912	45 12.12	70 27.92	356.5	980540.01	0.36	-0.48	12.67	-27.34
02-1915	45 12.08	70 27.87	353.2	980541.05	0.37	-0.47	12.74	-26.88
02-1917	45 12.05	70 27.85	354.8	980540.73	0.36	-0.47	12.95	-26.86
02-1930	45 11.85	70 27.79	352.9	980541.90	0.37	-0.47	13.85	-25.74

LINE 2

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
02-1933	45 11.80	70 27.80	356.2	980541.19	0.36	-0.48	14.22	-25.75
02-1953	45 11.48	70 27.84	356.4	980541.71	0.37	-0.48	15.29	-24.70
02-1969	45 11.22	70 27.86	355.2	980541.47	0.38	-0.48	15.06	-24.77
02-1977	45 11.11	70 27.78	354.6	980541.39	0.37	-0.47	14.99	-24.79
P001	45 13.02	70 30.30	366.1	980535.94	0.45	-0.49	10.19	-30.81
P002	45 11.32	70 34.62	471.2	980512.72	0.68	-0.61	21.97	-30.69
P003	45 10.72	70 37.12	581.6	980490.85	0.72	-0.73	35.05	-30.04
P004	45 10.88	70 35.97	535.8	980499.32	0.70	-0.68	29.17	-30.78
P005	45 11.92	70 33.38	411.2	980525.00	0.77	-0.54	14.82	-30.96
P006	45 12.52	70 31.77	391.7	980529.94	0.59	-0.52	12.84	-30.92
P007	45 13.88	70 28.98	363.3	980536.80	0.36	-0.49	8.91	-31.87
P008	45 16.35	70 38.09	510.2	980498.63	0.90	-0.65	12.33	-44.52
P009	45 16.50	70 36.68	474.6	980507.65	0.73	-0.62	10.12	-42.87
P010	45 16.58	70 35.91	408.7	980521.10	0.85	-0.54	3.14	-42.29
P011	45 15.10	70 32.91	774.2	980531.33	0.71	-0.49	2.25	-38.42
P012	45 14.58	70 35.57	388.9	980526.16	0.91	-0.52	5.11	-38.02

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3A-1147	45 14.02	70 11.55	319.5	980545.79	0.40	-0.43	4.16	-31.62
3A-1151	45 13.98	70 11.49	321.4	980545.47	0.38	-0.43	4.49	-31.53
3A-1156	45 13.94	70 11.39	323.0	980545.15	0.36	-0.44	4.73	-31.49
3A-1159	45 13.90	70 11.36	330.4	980543.33	0.31	-0.45	5.26	-31.85
3A-1162	45 13.85	70 11.33	333.4	980542.51	0.30	-0.45	5.45	-32.01
3A-1166	45 13.79	70 11.33	340.4	980540.91	0.27	-0.46	6.10	-32.19
3A-1170	45 13.73	70 11.29	342.5	980540.31	0.26	-0.46	6.22	-32.31
3A-1172	45 13.71	70 11.26	340.8	980540.58	0.26	-0.46	5.99	-32.34
3A-1180	45 13.60	70 11.15	347.0	980539.32	0.24	-0.47	6.81	-32.24
3A-1185	45 13.53	70 11.11	362.4	980536.15	0.23	-0.48	8.49	-32.31
3A-1187	45 13.50	70 11.14	362.8	980536.28	0.23	-0.48	8.80	-32.05
3A-1191	45 13.48	70 11.23	371.0	980534.50	0.24	-0.49	9.58	-32.19
3A-1193	45 13.48	70 11.27	373.8	980533.85	0.24	-0.50	9.80	-32.29
3A-1198	45 13.46	70 11.38	374.5	980533.35	0.25	-0.50	9.55	-32.61
3A-1201	45 13.43	70 11.43	373.4	980533.29	0.24	-0.50	9.19	-32.86
3A-1206	45 13.35	70 11.48	372.6	980532.82	0.24	-0.50	8.57	-33.37
3A-1220	45 13.15	70 11.36	363.9	980534.01	0.23	-0.49	7.41	-33.57
3A-1225	45 13.09	70 11.28	363.5	980533.90	0.23	-0.49	7.24	-33.69
3A-1227	45 13.07	70 11.24	364.1	980533.69	0.23	-0.49	7.26	-33.74
3A-1261	45 12.75	70 10.61	365.8	980531.48	0.22	-0.49	6.05	-35.15
3A-1266	45 12.70	70 10.52	363.9	980531.79	0.22	-0.49	5.86	-35.13
3A-1277	45 12.56	70 10.36	357.0	980532.38	0.22	-0.48	4.52	-35.68
3A-1297	45 12.31	70 10.08	357.4	980530.36	0.23	-0.48	3.00	-37.24
3A-1320	45 12.01	70 9.76	356.9	980528.15	0.27	-0.48	1.09	-39.06
3A-1335	45 11.82	70 9.56	357.2	980526.16	0.30	-0.48	-0.51	-40.66
3A-1344	45 11.68	70 9.49	358.4	980524.65	0.33	-0.48	-1.43	-41.69
3A-1351	45 11.57	70 9.49	360.3	980523.29	0.34	-0.48	-2.05	-42.51
3A-1364	45 11.36	70 9.53	359.1	980522.07	0.36	-0.48	-3.34	-43.64
3A-1377	45 11.15	70 9.57	364.8	980519.76	0.37	-0.49	-3.56	-44.50
3A-1379	45 11.12	70 9.57	364.4	980519.62	0.38	-0.49	-3.78	-44.67
3A-1387	45 10.99	70 9.55	359.5	980520.04	0.41	-0.48	-4.68	-44.98
3A-1392	45 10.91	70 9.54	361.9	980519.15	0.41	-0.48	-4.72	-45.28
3A-1396	45 10.84	70 9.53	360.2	980519.01	0.43	-0.48	-5.27	-45.62
3A-1414	45 10.56	70 9.47	356.2	980517.61	0.48	-0.48	-7.47	-47.33
3A-1418	45 10.49	70 9.47	359.3	980516.65	0.47	-0.48	-7.38	-47.60
3A-1421	45 10.44	70 9.46	357.6	980516.54	0.48	-0.48	-7.92	-47.94
3A-1426	45 10.36	70 9.45	364.8	980514.47	0.46	-0.49	-7.68	-48.52
3A-1431	45 10.28	70 9.43	361.6	980514.57	0.48	-0.48	-8.44	-48.90
3A-1434	45 10.24	70 9.43	365.0	980513.29	0.47	-0.49	-8.58	-49.45
3A-1440	45 10.14	70 9.43	359.3	980513.52	0.50	-0.48	-9.98	-50.17
3A-1445	45 10.06	70 9.42	364.4	980512.33	0.49	-0.49	-9.48	-50.25
3A-1448	45 10.01	70 9.42	364.9	980512.14	0.50	-0.49	-9.43	-50.25
3A-1457	45 9.87	70 9.39	373.0	980509.08	0.49	-0.50	-9.79	-51.53
3A-1460	45 9.82	70 9.39	370.7	980509.01	0.51	-0.49	-10.48	-51.95
3A-1469	45 9.67	70 9.39	373.4	980507.55	0.52	-0.50	-10.90	-52.66
3A-1479	45 9.51	70 9.37	375.9	980505.87	0.54	-0.50	-11.55	-53.57

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATTITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3A-1001	45 15.78	70 12.44	334.2	980542.01	0.60	-0.45	2.26	-34.99
3A-1005	45 15.77	70 12.53	325.6	980543.58	0.63	-0.44	1.20	-35.05
3A-1009	45 15.78	70 12.62	319.3	980544.79	0.64	-0.43	0.46	-35.07
3A-1129	45 14.27	70 11.74	329.6	980543.60	0.39	-0.44	4.71	-32.23
3A-1132	45 14.23	70 11.70	329.3	980543.80	0.38	-0.44	4.87	-32.04
3A-1134	45 14.20	70 11.68	328.9	980543.86	0.38	-0.44	4.86	-32.01
3A-1139	45 14.12	70 11.67	324.1	980544.57	0.39	-0.44	4.22	-32.10
3A-1142	45 14.08	70 11.64	319.0	980545.72	0.42	-0.43	3.84	-31.87
3A-1145	45 14.04	70 11.58	321.1	980545.47	0.39	-0.43	4.32	-31.66
3A-1126	45 14.30	70 11.79	328.5	980543.65	0.40	-0.44	4.38	-32.42
3A-1124	45 14.31	70 11.83	326.1	980543.82	0.42	-0.44	3.78	-32.72
3A-1116	45 14.35	70 12.01	320.6	980543.97	0.48	-0.43	2.18	-33.65
3A-1114	45 14.37	70 12.04	318.1	980544.21	0.50	-0.43	1.64	-33.89
3A-1111	45 14.40	70 12.09	316.9	980543.86	0.53	-0.43	0.86	-34.50
3A-1108	45 14.44	70 12.13	315.4	980543.97	0.55	-0.43	0.45	-34.72
3A-1105	45 14.47	70 12.19	314.7	980543.94	0.57	-0.43	0.15	-34.92
3A-1103	45 14.49	70 12.22	314.8	980543.81	0.57	-0.43	0.02	-35.06
3A-1100	45 14.54	70 12.23	314.5	980543.90	0.58	-0.43	-0.06	-35.10
3A-1097	45 14.59	70 12.26	314.5	980543.94	0.59	-0.43	-0.08	-35.11
3A-1092	45 14.66	70 12.30	315.3	980543.73	0.60	-0.43	-0.17	-35.27
3A-1089	45 14.71	70 12.30	317.0	980543.54	0.59	-0.43	0.11	-35.21
3A-1087	45 14.74	70 12.31	316.7	980543.69	0.60	-0.43	0.11	-35.16
3A-1084	45 14.79	70 12.33	316.0	980543.76	0.62	-0.43	-0.11	-35.28
3A-1080	45 14.85	70 12.37	316.9	980543.33	0.62	-0.43	-0.36	-35.63
3A-1077	45 14.89	70 12.40	315.4	980543.70	0.64	-0.43	-0.50	-35.58
3A-1073	45 14.94	70 12.44	314.8	980543.66	0.65	-0.43	-0.80	-35.81
3A-1071	45 14.96	70 12.48	315.2	980543.66	0.64	-0.43	-0.72	-35.78
3A-1067	45 15.01	70 12.53	315.0	980543.24	0.64	-0.43	-1.25	-36.29
3A-1063	45 15.05	70 12.61	314.4	980543.04	0.63	-0.43	-1.71	-36.69
3A-1059	45 15.09	70 12.67	314.3	980543.58	0.62	-0.43	-1.25	-36.23
3A-1057	45 15.11	70 12.71	314.3	980543.59	0.62	-0.43	-1.27	-36.25
3A-1052	45 15.17	70 12.78	313.9	980543.35	0.62	-0.42	-1.73	-36.66
3A-1049	45 15.22	70 12.80	314.6	980543.17	0.61	-0.43	-1.78	-36.80
3A-1047	45 15.25	70 12.81	316.0	980543.07	0.59	-0.43	-1.48	-36.68
3A-1042	45 15.32	70 12.85	313.7	980543.79	0.60	-0.42	-1.58	-36.51
3A-1039	45 15.37	70 12.87	313.9	980543.90	0.60	-0.42	-1.51	-36.45
3A-1036	45 15.42	70 12.87	314.6	980543.86	0.60	-0.43	-1.40	-36.43
3A-1033	45 15.47	70 12.86	312.9	980544.69	0.62	-0.42	-1.15	-35.97
3A-1031	45 15.50	70 12.85	313.9	980544.36	0.61	-0.42	-1.24	-36.17
3A-1028	45 15.54	70 12.82	313.3	980544.58	0.62	-0.42	-1.26	-36.12
3A-1023	45 15.62	70 12.81	315.2	980544.44	0.61	-0.43	-0.92	-36.01
3A-1021	45 15.65	70 12.80	313.0	980545.06	0.63	-0.42	-1.03	-35.85
3A-1016	45 15.72	70 12.75	312.5	980545.67	0.65	-0.42	-0.68	-35.43
3A-1013	45 15.74	70 12.69	314.4	980545.34	0.66	-0.43	-0.45	-35.39
3A-1013	45 15.74	70 12.69	314.4	980545.36	0.66	-0.43	-0.43	-35.38
3A-1145	45 14.04	70 11.58	321.1	980545.45	0.39	-0.43	4.30	-31.68

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
3A-1485	45 9.42	70 9.35	379.6	980504.48	0.54	-0.50	-11.67	-54.11
3A-1494	45 9.27	70 9.32	385.1	980502.48	0.54	-0.51	-11.73	-54.80
3A-1502	45 9.14	70 9.28	396.7	980499.62	0.53	-0.53	-10.82	-55.21
3A-1508	45 9.05	70 9.25	403.9	980497.73	0.52	-0.53	-10.36	-55.57
3A-1521	45 8.85	70 9.18	419.4	980493.75	0.53	-0.55	-9.26	-56.21
3A-1525	45 8.79	70 9.17	422.6	980492.92	0.53	-0.56	-9.02	-56.33
3A-1241	45 12.94	70 10.98	369.9	980532.10	0.22	-0.49	7.64	-34.02
3A-1525	45 8.79	70 9.17	422.6	980492.92	0.53	-0.56	-9.02	-56.33
3A-1527	45 8.75	70 9.16	419.4	980493.36	0.54	-0.55	-9.49	-56.44
3A-1531	45 8.68	70 9.17	409.9	980495.12	0.55	-0.54	-10.55	-56.41
3A-1540	45 8.55	70 9.22	425.6	980492.26	0.54	-0.56	-8.38	-56.02
3A-1544	45 8.50	70 9.27	424.0	980492.67	0.54	-0.56	-8.38	-55.85
3A-1550	45 8.42	70 9.35	410.1	980495.27	0.54	-0.54	-9.96	-55.85
3A-1554	45 8.35	70 9.39	402.4	980496.65	0.55	-0.53	-10.86	-55.86
3A-1562	45 8.24	70 9.46	386.5	980499.94	0.59	-0.51	-12.30	-55.47
3A-1564	45 8.21	70 9.47	382.1	980500.54	0.60	-0.51	-13.00	-55.67
3A-1567	45 8.17	70 9.52	377.6	980501.63	0.62	-0.50	-13.24	-55.38
3A-1574	45 8.07	70 9.60	362.3	980504.92	0.69	-0.48	-14.54	-54.87
3A-1582	45 7.97	70 9.70	355.2	980506.63	0.72	-0.48	-14.85	-54.35
3A-1597	45 7.77	70 9.89	355.7	980507.61	0.69	-0.48	-13.41	-53.00
3A-1603	45 7.67	70 9.92	355.2	980507.66	0.69	-0.48	-13.36	-52.90
3A-1607	45 7.61	70 9.91	356.9	980507.28	0.67	-0.48	-13.16	-52.90
3A-1610	45 7.56	70 9.89	362.2	980506.24	0.64	-0.48	-12.46	-52.84
3A-1617	45 7.45	70 9.85	372.0	980504.14	0.59	-0.50	-11.38	-52.91
3A-1621	45 7.39	70 9.83	373.7	980503.45	0.58	-0.50	-11.46	-53.19
3A-1629	45 7.26	70 9.81	373.5	980503.12	0.58	-0.50	-11.63	-53.35
3A-1633	45 7.20	70 9.79	376.0	980502.37	0.57	-0.50	-11.53	-53.54
3A-1643	45 7.05	70 9.72	382.8	980500.22	0.55	-0.51	-11.37	-54.16
3A-1645	45 7.02	70 9.71	383.4	980499.87	0.55	-0.51	-11.48	-54.34
3A-1648	45 6.97	70 9.70	385.9	980499.09	0.55	-0.51	-11.40	-54.55
3A-1651	45 6.92	70 9.70	388.2	980498.42	0.55	-0.52	-11.29	-54.70
3A-1653	45 6.89	70 9.68	389.4	980498.07	0.55	-0.52	-11.23	-54.78
3A-1656	45 6.84	70 9.67	393.0	980497.07	0.54	-0.52	-11.05	-55.01
3A-1660	45 6.78	70 9.64	391.1	980496.96	0.55	-0.52	-11.65	-55.38
3A-1663	45 6.74	70 9.63	393.8	980496.33	0.55	-0.52	-11.40	-55.44
3A-1667	45 6.67	70 9.60	390.5	980496.67	0.57	-0.52	-11.96	-55.61
3A-1670	45 6.63	70 9.57	384.4	980497.78	0.60	-0.51	-12.68	-55.61
3A-1672	45 6.60	70 9.55	383.3	980497.97	0.61	-0.51	-12.79	-55.58
3A-1675	45 6.56	70 9.52	384.4	980497.49	0.62	-0.51	-12.87	-55.77
3A-1678	45 6.52	70 9.49	381.9	980498.08	0.65	-0.51	-12.99	-55.58
3A-1681	45 6.47	70 9.49	383.0	980497.70	0.65	-0.51	-12.94	-55.66
3A-1686	45 6.39	70 9.50	377.4	980498.90	0.70	-0.50	-13.35	-55.39
3A-1689	45 6.34	70 9.50	383.6	980498.02	0.68	-0.51	-12.25	-55.00
3A-1692	45 6.29	70 9.51	389.7	980497.09	0.66	-0.52	-11.22	-54.68
3A-1696	45 6.23	70 9.47	390.5	980497.28	0.68	-0.52	-10.70	-54.23
3A-1699	45 6.20	70 9.43	393.5	980496.90	0.68	-0.52	-10.08	-53.96

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3A-1704	45 6.15	70 9.35	394.1	980496.26	0.71	-0.52	-10.49	-54.40
3A-1707	45 6.11	70 9.30	394.2	980496.33	0.73	-0.52	-10.33	-54.23
3A-1710	45 6.08	70 9.26	396.5	980495.65	0.74	-0.52	-10.24	-54.39
3A-1713	45 6.04	70 9.21	396.4	980495.38	0.76	-0.52	-10.49	-54.61
3A-1716	45 6.00	70 9.17	393.8	980495.87	0.80	-0.52	-10.75	-54.54
3A-1719	45 5.97	70 9.13	393.6	980495.67	0.82	-0.52	-10.96	-54.71
3A-1723	45 5.92	70 9.07	394.2	980495.04	0.85	-0.52	-11.33	-55.11
3A-1727	45 5.87	70 9.01	394.8	980494.37	0.87	-0.52	-11.74	-55.57
3A-1734	45 5.81	70 8.87	397.1	980493.32	0.92	-0.53	-11.99	-56.03
3A-1739	45 5.78	70 8.77	399.2	980493.07	0.94	-0.53	-11.53	-55.79
3A-1739	45 5.78	70 8.77	399.2	980493.13	0.94	-0.53	-11.48	-55.73
3A-1752	45 5.70	70 8.49	401.0	980491.47	1.04	-0.53	-12.47	-56.83
3A-1765	45 5.65	70 8.21	407.0	980488.61	1.12	-0.54	-13.38	-58.35
3A-1772	45 5.59	70 8.07	412.9	980486.69	1.14	-0.54	-13.40	-59.01
3A-1775	45 5.58	70 8.00	412.9	980486.22	1.17	-0.54	-13.87	-59.45
3A-1781	45 5.53	70 7.88	417.0	980485.08	1.18	-0.55	-13.66	-59.69
3A-1790	45 5.41	70 7.77	424.1	980482.70	1.15	-0.56	-13.66	-60.53
3A-1794	45 5.35	70 7.72	425.5	980482.25	1.14	-0.56	-13.60	-60.63
3A-1799	45 5.28	70 7.70	433.8	980480.33	1.08	-0.57	-12.85	-60.88
3A-1807	45 5.16	70 7.61	437.2	980478.64	1.07	-0.57	-13.31	-61.73
3A-1811	45 5.11	70 7.55	436.3	980478.08	1.07	-0.57	-14.07	-62.39
3A-1814	45 5.07	70 7.52	437.7	980477.58	1.07	-0.57	-14.07	-62.56
3A-1824	45 4.92	70 7.41	441.1	980477.26	1.04	-0.58	-13.13	-62.02
3A-1828	45 4.88	70 7.36	438.8	980477.74	1.05	-0.57	-13.30	-61.92
3A-1830	45 4.85	70 7.34	441.7	980477.11	1.03	-0.58	-13.00	-61.97
3A-1833	45 4.80	70 7.32	439.7	980477.48	1.03	-0.58	-13.16	-61.91
3A-1836	45 4.76	70 7.30	438.0	980477.79	1.04	-0.57	-13.30	-61.85
3A-1838	45 4.73	70 7.28	439.4	980477.53	1.04	-0.57	-13.10	-61.80
3A-1841	45 4.71	70 7.22	434.0	980478.40	1.05	-0.57	-13.88	-61.96
3A-1846	45 4.66	70 7.13	431.0	980479.19	1.03	-0.57	-13.92	-61.69
3A-1849	45 4.63	70 7.07	426.2	980480.36	1.04	-0.56	-14.19	-61.40
3A-1854	45 4.56	70 7.01	418.4	980482.26	1.07	-0.55	-14.59	-60.89
3A-1862	45 4.51	70 6.84	400.1	980486.00	1.11	-0.53	-16.43	-60.62
3A-1869	45 4.42	70 6.74	394.8	980487.20	1.11	-0.52	-16.74	-60.32
3A-1873	45 4.37	70 6.69	392.6	980487.45	1.09	-0.52	-17.06	-60.42
3A-1876	45 4.33	70 6.65	391.0	980487.54	1.08	-0.52	-17.42	-60.61
3A-1878	45 4.30	70 6.63	389.6	980487.73	1.07	-0.52	-17.60	-60.65
3A-1882	45 4.25	70 6.58	386.2	980488.76	1.06	-0.51	-17.55	-60.22
3A-1884	45 4.21	70 6.56	382.5	980489.45	1.06	-0.51	-17.95	-60.20
3A-1888	45 4.17	70 6.51	370.3	980491.66	1.08	-0.49	-19.45	-60.29
3A-1891	45 4.13	70 6.48	359.7	980493.44	1.09	-0.48	-20.88	-60.52
3A-1894	45 4.08	70 6.44	353.1	980494.81	1.09	-0.47	-21.46	-60.35
3A-1898	45 4.03	70 6.39	342.3	980496.92	1.10	-0.46	-22.60	-60.26
3A-1901	45 3.98	70 6.38	337.8	980497.98	1.09	-0.45	-22.85	-60.01
3A-1905	45 3.92	70 6.35	324.6	980500.45	1.12	-0.44	-24.37	-60.01
3A-1910	45 3.85	70 6.30	311.8	980502.72	1.13	-0.42	-25.95	-60.13

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3A-1910	45 3.85	70 6.30	311.8	980502.77	1.13	-0.42	-25.91	-60.09
3A-1914	45 3.80	70 6.24	300.2	980504.91	1.14	-0.41	-27.26	-60.12
3A-1919	45 3.74	70 6.17	292.6	980506.40	1.12	-0.40	-28.03	-60.04
3A-1921	45 3.71	70 6.14	287.4	980507.36	1.12	-0.39	-28.60	-60.04
3A-1931	45 3.58	70 6.01	270.7	980510.76	1.09	-0.37	-30.18	-59.75
3A-1934	45 3.54	70 5.97	262.8	980512.25	1.09	-0.36	-31.07	-59.75
3A-1938	45 3.50	70 5.91	259.8	980512.84	1.06	-0.36	-31.35	-59.71
3A-1940	45 3.48	70 5.87	256.3	980513.59	1.05	-0.35	-31.63	-59.61
3A-1946	45 3.43	70 5.75	245.8	980515.76	1.04	-0.34	-32.61	-59.42
3A-1949	45 3.41	70 5.69	242.5	980516.54	1.03	-0.33	-32.84	-59.28
3A-1953	45 3.38	70 5.61	231.9	980518.82	1.06	-0.32	-33.77	-58.98
3A-1957	45 3.34	70 5.54	225.2	980520.28	1.05	-0.31	-34.32	-58.78
3A-1962	45 3.32	70 5.43	214.8	980522.56	1.09	-0.30	-35.23	-58.47
3A-1964	45 3.32	70 5.38	209.8	980523.69	1.11	-0.29	-35.63	-58.29
3A-1967	45 3.31	70 5.31	205.6	980524.81	1.12	-0.29	-35.80	-57.97
3A-1970	45 3.29	70 5.25	201.7	980525.88	1.11	-0.28	-35.89	-57.64
3A-1974	45 3.27	70 5.16	200.4	980526.45	1.08	-0.28	-35.70	-57.33
3A-1977	45 3.25	70 5.11	193.9	980527.87	1.10	-0.27	-36.26	-57.13
3A-1981	45 3.18	70 5.10	192.7	980528.08	1.06	-0.27	-36.31	-57.09
3A-1983	45 3.16	70 5.07	187.9	980529.17	1.08	-0.26	-36.68	-56.89
3A-1986	45 3.12	70 5.04	187.9	980529.75	1.04	-0.26	-36.03	-56.28
3A-1993	45 3.03	70 4.94	186.3	980529.68	0.96	-0.26	-36.47	-56.62
3A-1998	45 2.98	70 4.86	189.3	980529.21	0.88	-0.26	-35.95	-56.51
3A-2002	45 2.93	70 4.79	194.2	980528.23	0.81	-0.27	-35.32	-56.52
3A-2005	45 2.90	70 4.73	198.0	980527.85	0.76	-0.28	-34.48	-56.15
3A-2008	45 2.87	70 4.69	199.0	980527.88	0.74	-0.28	-34.10	-55.90
3A-2011	45 2.83	70 4.65	201.0	980527.55	0.71	-0.28	-33.76	-55.82
3A-2014	45 2.79	70 4.62	201.1	980527.65	0.69	-0.28	-33.56	-55.65
3A-2017	45 2.74	70 4.58	199.9	980528.06	0.68	-0.28	-33.45	-55.42
3A-2020	45 2.71	70 4.54	199.8	980528.19	0.66	-0.28	-33.30	-55.28
3A-2023	45 2.67	70 4.48	202.1	980527.78	0.64	-0.28	-32.96	-55.21
3A-2026	45 2.64	70 4.44	201.8	980527.99	0.63	-0.28	-32.77	-55.01
3A-2029	45 2.60	70 4.41	202.3	980528.00	0.62	-0.28	-32.54	-54.85
3A-2033	45 2.54	70 4.36	197.6	980528.83	0.62	-0.28	-33.08	-54.85
3A-2036	45 2.49	70 4.34	191.1	980530.01	0.62	-0.27	-33.83	-54.86
3A-2039	45 2.45	70 4.32	188.6	980530.28	0.62	-0.26	-34.29	-55.03
3A-2043	45 2.39	70 4.30	180.2	980531.76	0.63	-0.25	-35.30	-55.09
3A-2047	45 2.33	70 4.25	175.7	980532.32	0.64	-0.25	-36.05	-55.31
3A-2050	45 2.29	70 4.21	172.0	980532.88	0.64	-0.24	-36.56	-55.41
3A-2052	45 2.27	70 4.17	169.6	980533.25	0.64	-0.24	-36.89	-55.47
3A-2055	45 2.23	70 4.14	166.1	980533.76	0.65	-0.23	-37.42	-55.58
3A-2059	45 2.17	70 4.09	157.4	980535.36	0.68	-0.22	-38.41	-55.56
3A-2061	45 2.15	70 4.07	152.3	980536.34	0.70	-0.21	-38.96	-55.52
3A-2061	45 2.15	70 4.07	152.3	980536.32	0.70	-0.21	-38.98	-55.54
3A-2065	45 2.09	70 4.01	146.5	980537.20	0.72	-0.21	-39.80	-55.68
3A-2067	45 2.07	70 3.99	145.9	980537.15	0.72	-0.21	-40.02	-55.83

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3A-2070	45 2.02	70 3.97	146.2	980536.81	0.70	-0.21	-40.18	-56.05
3A-2076	45 1.93	70 3.94	145.9	980536.49	0.68	-0.21	-40.47	-56.32
3A-2079	45 1.88	70 3.93	147.3	980536.04	0.66	-0.21	-40.41	-56.44
3A-2092	45 1.66	70 3.85	146.1	980535.35	0.61	-0.21	-41.13	-57.08
3A-2107	45 1.44	70 3.77	144.8	980535.15	0.57	-0.20	-41.41	-57.24
3A-2114	45 1.33	70 3.74	143.8	980534.62	0.55	-0.20	-42.07	-57.82
3A-2119	45 1.26	70 3.71	142.2	980534.64	0.55	-0.20	-42.43	-58.00
3A-2128	45 1.11	70 3.67	143.1	980534.01	0.52	-0.20	-42.57	-58.26
3A-2134	45 1.02	70 3.64	142.3	980533.69	0.51	-0.20	-42.99	-58.60
3A-2138	45 0.96	70 3.62	141.1	980533.74	0.50	-0.20	-43.24	-58.73
3A-2148	45 0.80	70 3.57	141.3	980533.04	0.48	-0.20	-43.62	-59.15
3A-2152	45 0.74	70 3.55	139.9	980533.18	0.47	-0.20	-43.83	-59.21
3A-2174	45 0.39	70 3.43	136.9	980533.20	0.44	-0.19	-44.19	-59.26
3A-2177	45 0.34	70 3.41	135.6	980533.47	0.44	-0.19	-44.27	-59.19
3A-2180	45 0.30	70 3.39	132.3	980534.17	0.45	-0.19	-44.53	-59.06
3A-2183	45 0.25	70 3.38	131.8	980534.32	0.45	-0.19	-44.42	-58.91
3A-2186	45 0.20	70 3.36	132.2	980534.08	0.44	-0.19	-44.49	-59.03
3A-2191	45 0.13	70 3.33	130.1	980534.42	0.45	-0.18	-44.68	-58.97
3A-2196	45 0.05	70 3.31	121.9	980536.17	0.48	-0.17	-45.35	-58.68
3A-2200	44 59.98	70 3.28	120.4	980536.54	0.48	-0.17	-45.34	-58.50
3A-2209	44 59.84	70 3.24	121.9	980536.09	0.46	-0.17	-45.12	-58.47
3A-2220	44 59.67	70 3.18	121.1	980536.18	0.45	-0.17	-44.99	-58.27
3A-2223	44 59.62	70 3.16	118.7	980536.75	0.46	-0.17	-45.11	-58.10
3A-2236	44 59.42	70 3.10	118.0	980536.79	0.46	-0.17	-44.96	-57.88
3A-2263	44 58.99	70 2.98	116.7	980536.87	0.45	-0.17	-44.65	-57.43
3A-2281	44 58.71	70 2.89	118.1	980537.01	0.44	-0.17	-43.65	-56.59
3A-2289	44 58.59	70 2.82	117.2	980537.18	0.46	-0.17	-43.60	-56.42
3A-2301	44 58.41	70 2.70	117.5	980538.03	0.47	-0.17	-42.37	-55.21
3A-2307	44 58.32	70 2.65	124.5	980536.72	0.42	-0.18	-41.38	-55.07
3A-2313	44 58.23	70 2.60	135.2	980534.83	0.37	-0.19	-39.82	-54.78
3A-2326	44 58.02	70 2.61	145.6	980532.65	0.30	-0.21	-38.49	-54.69
3A-2332	44 57.93	70 2.61	145.4	980532.81	0.29	-0.21	-38.25	-54.43
3A-2340	44 57.80	70 2.61	148.8	980532.15	0.26	-0.21	-37.68	-54.28
3A-2347	44 57.69	70 2.61	148.2	980532.36	0.25	-0.21	-37.49	-54.03
3A-2353	44 57.59	70 2.61	146.1	980532.84	0.25	-0.21	-37.49	-53.80
3A-2362	44 57.44	70 2.62	147.4	980532.60	0.23	-0.21	-37.13	-53.59
3A-2366	44 57.38	70 2.62	147.1	980532.61	0.22	-0.21	-37.09	-53.54
3A-2380	44 57.15	70 2.61	157.0	980530.80	0.18	-0.22	-35.51	-53.12
3A-2381	44 57.14	70 2.60	157.8	980530.75	0.18	-0.22	-35.29	-52.99
3A-2384	44 57.10	70 2.57	161.8	980530.06	0.17	-0.23	-34.71	-52.87
3A-2399	44 56.88	70 2.41	181.1	980526.83	0.17	-0.25	-31.64	-51.99
3A-2402	44 56.84	70 2.38	185.0	980526.26	0.18	-0.26	-30.95	-51.73
3A-2407	44 56.77	70 2.32	191.1	980525.24	0.19	-0.27	-29.97	-51.43
3A-2412	44 56.70	70 2.25	195.9	980524.29	0.21	-0.27	-29.35	-51.33
3A-2415	44 56.66	70 2.23	197.3	980524.08	0.22	-0.28	-29.07	-51.20
3A-2420	44 56.59	70 2.18	198.2	980524.08	0.22	-0.28	-28.66	-50.90

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3A-2425	44 56.51	70 2.14	200.6	980523.54	0.24	-0.28	-28.37	-50.85
3A-2427	44 56.48	70 2.13	202.8	980523.15	0.25	-0.28	-28.04	-50.76
3A-2429	44 56.45	70 2.10	201.7	980523.51	0.24	-0.28	-27.96	-50.57
3A-2432	44 56.40	70 2.09	195.3	980524.75	0.21	-0.27	-28.61	-50.53
3A-2434	44 56.37	70 2.08	197.9	980524.33	0.22	-0.28	-28.18	-50.39
3A-2437	44 56.32	70 2.07	200.5	980523.90	0.24	-0.28	-27.75	-50.22
3A-2440	44 56.28	70 2.05	196.2	980524.76	0.22	-0.27	-28.14	-50.15
3A-2448	44 56.16	70 1.98	184.9	980527.13	0.17	-0.26	-29.07	-49.85
3A-2455	44 56.06	70 1.92	174.5	980529.23	0.13	-0.24	-30.03	-49.67
3A-2459	44 56.00	70 1.88	166.0	980530.98	0.11	-0.23	-30.82	-49.52
3A-2462	44 55.95	70 1.86	159.3	980532.36	0.10	-0.22	-31.45	-49.39
3A-2467	44 55.88	70 1.82	150.5	980534.36	0.10	-0.21	-32.05	-49.00
3A-2471	44 55.82	70 1.77	143.6	980535.77	0.10	-0.20	-32.66	-48.83
3A-2476	44 55.75	70 1.72	136.6	980537.22	0.11	-0.19	-33.27	-48.64
3A-2481	44 55.69	70 1.66	137.2	980537.86	0.10	-0.19	-32.35	-47.80
3A-2483	44 55.66	70 1.63	137.9	980537.47	0.10	-0.20	-32.50	-48.02
3A-2489	44 55.59	70 1.54	133.1	980538.58	0.11	-0.19	-32.76	-47.73
3A-2492	44 55.56	70 1.49	129.1	980539.45	0.12	-0.18	-33.06	-47.58
3A-2494	44 55.53	70 1.46	128.1	980539.69	0.12	-0.18	-33.09	-47.49
3A-2729	44 52.81	69 58.16	121.4	980549.15	0.00	-0.17	-21.60	-35.36
3A-2731	44 52.80	69 58.12	119.9	980549.54	0.00	-0.17	-21.65	-35.24
3A-2742	44 52.74	69 57.89	118.7	980549.33	0.00	-0.17	-22.13	-35.59
3A-2748	44 52.69	69 57.77	116.5	980549.82	0.00	-0.17	-22.26	-35.46
3A-2758	44 52.60	69 57.58	117.5	980549.28	-0.01	-0.17	-22.35	-35.67
3A-2766	44 52.53	69 57.43	117.4	980549.00	-0.01	-0.17	-22.55	-35.87
3A-2772	44 52.47	69 57.32	116.6	980549.26	-0.02	-0.17	-22.45	-35.69
3A-2775	44 52.44	69 57.27	117.2	980549.60	-0.02	-0.17	-21.87	-35.18
3A-2790	44 52.28	69 57.01	124.2	980548.58	-0.01	-0.18	-20.51	-34.60
3A-2794	44 52.24	69 56.94	122.0	980548.86	-0.02	-0.17	-20.83	-34.68
3A-2800	44 52.18	69 56.83	116.4	980549.44	-0.02	-0.17	-21.90	-35.11
3A-2814	44 52.06	69 56.57	112.0	980549.77	-0.03	-0.16	-22.73	-35.46
3A-2829	44 51.93	69 56.29	98.2	980552.88	-0.02	-0.14	-23.70	-34.85
3A-2835	44 51.87	69 56.18	97.1	980552.72	-0.02	-0.14	-24.09	-35.12
3A-2839	44 51.83	69 56.11	95.9	980553.12	-0.02	-0.14	-24.01	-34.90
3A-2843	44 51.79	69 56.03	96.6	980552.93	-0.02	-0.14	-23.93	-34.90
3A-2847	44 51.76	69 55.95	95.9	980553.19	-0.02	-0.14	-23.83	-34.72
3A-2866	44 51.63	69 55.56	96.5	980553.11	-0.03	-0.14	-23.53	-34.50
3A-2882	44 51.52	69 55.23	96.0	980553.14	-0.03	-0.14	-23.49	-34.41
3A-2891	44 51.44	69 55.07	95.4	980553.35	-0.04	-0.14	-23.35	-34.20
3A-2497	44 55.50	70 1.41	129.6	980539.39	0.12	-0.18	-32.88	-47.45
3A-2501	44 55.47	70 1.33	123.6	980540.79	0.14	-0.18	-33.29	-47.15
3A-2509	44 55.40	70 1.17	124.2	980541.03	0.14	-0.18	-32.76	-46.70
3A-2514	44 55.36	70 1.08	128.6	980540.20	0.13	-0.18	-32.17	-46.62
3A-2519	44 55.31	70 0.99	127.1	980540.70	0.13	-0.18	-32.07	-46.34
3A-2524	44 55.25	70 0.91	127.4	980540.98	0.13	-0.18	-31.60	-45.91
3A-2538	44 55.07	70 0.72	126.9	980542.15	0.13	-0.18	-30.31	-44.56

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3A-2548	44 54.94	70 0.58	123.5	980543.69	0.14	-0.18	-29.63	-43.48
3A-2556	44 54.84	70 0.48	129.8	980543.18	0.11	-0.18	-28.04	-42.64
3A-2563	44 54.75	70 0.38	136.1	980542.62	0.09	-0.19	-26.52	-41.85
3A-2573	44 54.62	70 0.24	131.9	980544.26	0.09	-0.19	-25.98	-40.83
3A-2580	44 54.53	70 0.14	128.4	980545.48	0.10	-0.18	-25.71	-40.16
3A-2595	44 54.34	69 59.94	130.8	980545.95	0.08	-0.19	-24.21	-38.95
3A-2600	44 54.28	69 59.87	133.9	980545.61	0.07	-0.19	-23.51	-38.61
3A-2607	44 54.17	69 59.80	137.0	980545.33	0.05	-0.19	-22.66	-38.13
3A-2614	44 54.07	69 59.74	138.1	980545.69	0.05	-0.20	-21.80	-37.40
3A-2621	44 53.97	69 59.68	128.9	980548.14	0.06	-0.18	-22.05	-36.60
3A-2627	44 53.88	69 59.63	125.6	980548.99	0.07	-0.18	-22.08	-36.24
3A-2632	44 53.80	69 59.60	123.3	980549.48	0.07	-0.18	-22.17	-36.07
3A-2640	44 53.68	69 59.54	124.0	980549.80	0.06	-0.18	-21.46	-35.45
3A-2644	44 53.62	69 59.51	121.5	980550.66	0.07	-0.17	-21.28	-34.97
3A-2651	44 53.51	69 59.47	115.2	980552.13	0.08	-0.16	-21.59	-34.57
3A-2656	44 53.43	69 59.44	108.4	980553.12	0.10	-0.15	-22.58	-34.76
3A-2662	44 53.33	69 59.43	106.1	980553.15	0.11	-0.15	-23.11	-35.02
3A-2668	44 53.25	69 59.37	105.1	980553.25	0.11	-0.15	-23.20	-35.00
3A-2672	44 53.21	69 59.31	106.5	980552.85	0.09	-0.15	-23.10	-35.08
3A-2679	44 53.14	69 59.18	107.3	980552.32	0.08	-0.15	-23.28	-35.36
3A-2687	44 53.08	69 59.02	105.9	980552.50	0.07	-0.15	-23.44	-35.37
3A-2692	44 53.03	69 58.92	114.7	980550.81	0.04	-0.16	-22.34	-35.30
3A-2701	44 52.95	69 58.76	132.8	980547.50	0.02	-0.19	-19.94	-34.97
3A-2708	44 52.89	69 58.62	136.0	980546.79	0.02	-0.19	-19.57	-34.97
3A-2712	44 52.88	69 58.54	135.0	980546.86	0.02	-0.19	-19.79	-35.07
3A-2719	44 52.86	69 58.38	128.3	980547.90	0.01	-0.18	-20.80	-35.33
3A-2897	44 51.38	69 54.91	100.3	980552.20	-0.04	-0.14	-22.92	-34.32
3A-2906	44 51.35	69 54.76	99.1	980552.52	-0.05	-0.14	-22.90	-34.19
3A-2910	44 51.33	69 54.67	100.0	980552.82	-0.05	-0.14	-22.30	-33.68
3A-2923	44 51.31	69 54.38	98.6	980553.63	-0.05	-0.14	-21.88	-33.11
3A-2927	44 51.30	69 54.29	97.0	980553.33	-0.05	-0.14	-22.67	-33.71
3A-2932	44 51.30	69 54.17	96.0	980553.87	-0.05	-0.14	-22.44	-33.37
3A-2942	44 51.14	69 54.18	97.9	980553.29	-0.05	-0.14	-22.17	-33.33
3A-2949	44 51.08	69 54.27	99.0	980553.11	-0.05	-0.14	-21.95	-33.22
3A-2955	44 51.07	69 54.41	101.3	980552.60	-0.05	-0.14	-21.72	-33.25
3A-2961	44 51.05	69 54.52	98.8	980552.79	-0.05	-0.14	-22.26	-33.51
3A-2971	44 50.89	69 54.47	113.6	980549.90	-0.04	-0.16	-20.35	-33.27
3A-2978	44 50.78	69 54.43	119.0	980549.17	-0.03	-0.17	-19.25	-32.77
3A-2983	44 50.70	69 54.41	122.9	980548.24	-0.03	-0.17	-18.87	-32.82
3A-2987	44 50.64	69 54.38	127.5	980547.64	-0.01	-0.18	-17.95	-32.41
3A-2993	44 50.54	69 54.36	131.7	980546.17	0.00	-0.19	-17.97	-32.90
3A-3004	44 50.37	69 54.31	138.6	980545.74	0.03	-0.20	-16.03	-31.70
3A-3012	44 50.24	69 54.29	138.3	980545.97	0.02	-0.20	-15.67	-31.33
3A-3019	44 50.15	69 54.38	127.6	980547.99	-0.02	-0.18	-16.84	-31.31
3A-3024	44 50.09	69 54.46	128.3	980547.75	-0.02	-0.18	-16.75	-31.31
3A-3029	44 50.02	69 54.50	127.5	980548.11	-0.02	-0.18	-16.55	-31.02

LINE 3A

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
3A-3034	44 49.95	69 54.46	122.4	980549.04	-0.03	-0.17	-17.08	-30.99
3A-3038	44 49.90	69 54.41	119.0	980549.69	-0.04	-0.17	-17.40	-30.93
3A-3042	44 49.85	69 54.35	121.0	980549.21	-0.03	-0.17	-17.20	-30.94
3A-3047	44 49.79	69 54.27	115.4	980550.29	-0.04	-0.16	-17.75	-30.87
3A-3052	44 49.74	69 54.18	112.5	980550.97	-0.05	-0.16	-17.89	-30.69
3A-3058	44 49.67	69 54.08	109.8	980551.34	-0.05	-0.16	-18.24	-30.74
3A-3063	44 49.62	69 54.00	106.8	980551.92	-0.05	-0.15	-18.52	-30.68
3A-3068	44 49.56	69 53.93	103.6	980552.47	-0.05	-0.15	-18.86	-30.65
3A-3072	44 49.51	69 53.87	102.6	980552.69	-0.05	-0.15	-18.89	-30.57
3A-3078	44 49.44	69 53.77	98.2	980552.74	-0.06	-0.14	-20.07	-31.27
3A-3084	44 49.36	69 53.68	97.2	980552.41	-0.06	-0.14	-20.60	-31.68
3A-3091	44 49.26	69 53.65	98.9	980552.15	-0.06	-0.14	-20.18	-31.45
3A-3100	44 49.11	69 53.65	98.1	980551.97	-0.06	-0.14	-20.39	-31.56
3A-3104	44 49.05	69 53.65	95.9	980552.86	-0.06	-0.14	-20.10	-31.02
3A-3111	44 48.94	69 53.60	87.9	980554.72	-0.06	-0.13	-20.53	-30.55
3A-3115	44 48.88	69 53.56	82.8	980555.47	-0.06	-0.12	-21.27	-30.71
3A-3118	44 48.84	69 53.53	81.8	980555.88	-0.05	-0.12	-21.09	-30.41

LINE 3B

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3B-1006	44 33.46	68 42.07	41.3	980545.04	-0.01	-0.06	-21.24	-25.93
3B-1010	44 33.43	68 41.96	47.0	980543.36	0.00	-0.07	-21.12	-26.44
3B-1014	44 33.41	68 41.91	48.0	980543.04	0.00	-0.07	-21.09	-26.53
3B-1017	44 33.37	68 41.86	55.1	980541.57	0.01	-0.08	-20.32	-26.55
3B-1022	44 33.31	68 41.79	70.6	980538.16	0.06	-0.10	-18.84	-26.78
3B-1026	44 33.25	68 41.73	81.6	980536.06	0.11	-0.12	-17.46	-26.60
3B-1032	44 33.18	68 41.66	90.4	980534.22	0.15	-0.13	-16.48	-26.58
3B-1038	44 33.09	68 41.59	96.9	980532.92	0.19	-0.14	-15.64	-26.43
3B-1043	44 33.02	68 41.54	101.9	980532.01	0.22	-0.15	-14.90	-26.23
3B-1048	44 32.95	68 41.48	106.9	980530.97	0.24	-0.15	-14.29	-26.17
3B-1055	44 32.86	68 41.40	117.1	980528.71	0.32	-0.17	-13.27	-26.22
3B-1057	44 32.83	68 41.38	118.8	980528.26	0.33	-0.17	-13.16	-26.29
3B-1062	44 32.75	68 41.33	120.4	980528.33	0.33	-0.17	-12.46	-25.78
3B-1076	44 32.53	68 41.12	109.5	980530.66	0.21	-0.16	-13.15	-25.35
3B-1080	44 32.50	68 41.11	107.8	980530.67	0.20	-0.15	-13.66	-25.67
3B-1083	44 32.47	68 41.07	105.2	980531.11	0.18	-0.15	-13.96	-25.70
3B-1087	44 32.41	68 41.02	106.3	980530.67	0.18	-0.15	-13.98	-25.84
3B-1090	44 32.38	68 40.98	107.0	980530.32	0.18	-0.15	-14.04	-25.99
3B-1096	44 32.31	68 40.90	109.3	980530.60	0.19	-0.16	-12.95	-25.15
3B-1101	44 32.24	68 40.83	116.1	980529.28	0.23	-0.17	-12.09	-25.01
3B-1105	44 32.18	68 40.79	128.6	980526.95	0.33	-0.18	-10.45	-24.70
3B-1110	44 32.11	68 40.73	141.1	980524.87	0.44	-0.20	-8.57	-24.12
3B-1113	44 32.07	68 40.70	142.8	980524.37	0.46	-0.20	-8.49	-24.21
3B-1120	44 31.97	68 40.63	145.8	980524.19	0.48	-0.21	-7.61	-23.64
3B-1124	44 31.91	68 40.59	146.3	980524.33	0.47	-0.21	-7.22	-23.33
3B-1130	44 31.83	68 40.52	142.3	980525.39	0.42	-0.20	-7.28	-22.98
3B-1135	44 31.79	68 40.41	135.1	980526.79	0.34	-0.19	-8.05	-23.01
3B-1139	44 31.75	68 40.34	134.0	980526.70	0.33	-0.19	-8.40	-23.25
3B-1144	44 31.71	68 40.25	138.3	980525.69	0.36	-0.20	-8.00	-23.32
3B-1148	44 31.68	68 40.16	140.8	980525.19	0.38	-0.20	-7.68	-23.26
3B-1151	44 31.65	68 40.12	140.6	980525.29	0.37	-0.20	-7.61	-23.18
3B-1158	44 31.58	68 39.99	142.6	980524.78	0.38	-0.20	-7.42	-23.19
3B-1162	44 31.53	68 39.93	139.3	980525.72	0.35	-0.20	-7.41	-22.84
3B-1166	44 31.48	68 39.88	138.5	980526.12	0.34	-0.20	-7.18	-22.54
3B-1171	44 31.42	68 39.81	134.1	980527.11	0.30	-0.19	-7.45	-22.35
3B-1179	44 31.32	68 39.70	136.2	980526.96	0.32	-0.19	-6.80	-21.92
3B-1182	44 31.28	68 39.66	134.7	980527.36	0.31	-0.19	-6.80	-21.76
3B-1188	44 31.19	68 39.61	125.4	980528.89	0.24	-0.18	-8.01	-21.98
3B-1195	44 31.08	68 39.56	109.2	980532.13	0.14	-0.16	-9.62	-21.85
3B-1201	44 30.99	68 39.53	93.8	980535.27	0.08	-0.13	-11.10	-21.64
3B-1204	44 30.94	68 39.52	90.3	980536.02	0.06	-0.13	-11.35	-21.52
3B-1207	44 30.89	68 39.50	89.2	980536.20	0.06	-0.13	-11.44	-21.48
3B-1209	44 30.86	68 39.50	87.1	980536.42	0.06	-0.12	-11.81	-21.62
3B-1217	44 30.73	68 39.46	75.6	980538.41	0.03	-0.11	-13.17	-21.71
3B-1221	44 30.67	68 39.45	78.4	980538.22	0.04	-0.11	-12.39	-21.24
3B-1224	44 30.62	68 39.43	80.3	980537.94	0.04	-0.12	-12.02	-21.08

LINE 3B

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3B-1230	44 30.53	68 39.39	81.7	980537.82	0.04	-0.12	-11.58	-20.79
3B-1237	44 30.42	68 39.36	79.6	980538.88	0.04	-0.11	-11.00	-19.98
3B-1241	44 30.36	68 39.36	78.7	980539.01	0.04	-0.11	-11.06	-19.94
3B-1247	44 30.26	68 39.34	71.8	980540.48	0.03	-0.10	-11.57	-19.67
3B-1251	44 30.20	68 39.31	68.9	980541.26	0.03	-0.10	-11.59	-19.37
3B-1267	44 30.02	68 39.06	69.8	980540.96	0.03	-0.10	-11.34	-19.22
3B-1273	44 29.95	68 38.97	78.7	980539.23	0.04	-0.11	-10.21	-19.09
3B-1280	44 29.85	68 38.89	93.9	980536.43	0.09	-0.13	-8.18	-18.73
3B-1284	44 29.79	68 38.84	99.5	980535.23	0.11	-0.14	-7.56	-18.73
3B-1290	44 29.71	68 38.78	104.9	980534.00	0.13	-0.15	-7.01	-18.76
3B-1300	44 29.56	68 38.68	104.2	980534.59	0.13	-0.15	-6.40	-18.08
3B-1300	44 29.56	68 38.68	104.2	980534.64	0.13	-0.15	-6.34	-18.02
3B-1302	44 29.53	68 38.68	105.5	980534.56	0.13	-0.15	-5.98	-17.81
3B-1308	44 29.44	68 38.64	114.3	980533.08	0.18	-0.16	-4.60	-17.38
3B-1314	44 29.35	68 38.59	115.7	980532.64	0.18	-0.16	-4.50	-17.42
3B-1323	44 29.21	68 38.54	119.7	980531.34	0.21	-0.17	-4.33	-17.69
3B-1328	44 29.13	68 38.50	122.8	980530.27	0.23	-0.17	-4.33	-18.02
3B-1333	44 29.05	68 38.48	123.3	980530.17	0.23	-0.18	-4.16	-17.90
3B-1341	44 28.93	68 38.43	122.5	980529.96	0.22	-0.17	-4.44	-18.10
3B-1352	44 28.76	68 38.36	125.7	980528.69	0.24	-0.18	-4.48	-18.48
3B-1355	44 28.71	68 38.34	125.6	980528.76	0.24	-0.18	-4.35	-18.34
3B-1357	44 28.68	68 38.32	124.5	980528.89	0.24	-0.18	-4.51	-18.38
3B-1364	44 28.57	68 38.29	117.2	980530.48	0.19	-0.17	-5.02	-18.11
3B-1379	44 28.33	68 38.24	106.7	980532.40	0.14	-0.15	-5.96	-17.91
3B-1387	44 28.20	68 38.21	106.8	980531.92	0.14	-0.15	-6.23	-18.19
3B-1391	44 28.14	68 38.20	106.5	980531.48	0.14	-0.15	-6.64	-18.57
3B-1408	44 27.87	68 38.23	104.1	980531.54	0.14	-0.15	-6.92	-18.58
3B-1412	44 27.80	68 38.25	101.7	980532.13	0.14	-0.15	-6.98	-18.36
3B-1417	44 27.72	68 38.27	99.5	980532.71	0.13	-0.14	-6.95	-18.10
3B-1423	44 27.63	68 38.28	91.4	980534.37	0.10	-0.13	-7.65	-17.91
3B-1429	44 27.53	68 38.29	89.8	980534.94	0.10	-0.13	-7.42	-17.50
3B-1433	44 27.47	68 38.30	91.7	980534.61	0.11	-0.13	-7.09	-17.37
3B-1437	44 27.40	68 38.29	89.5	980534.65	0.10	-0.13	-7.60	-17.65
3B-1441	44 27.34	68 38.29	91.1	980533.95	0.11	-0.13	-7.72	-17.94
3B-1445	44 27.27	68 38.28	91.9	980533.46	0.11	-0.13	-7.85	-18.16
3B-1447	44 27.24	68 38.28	91.8	980533.55	0.12	-0.13	-7.78	-18.06
3B-1459	44 27.05	68 38.25	81.1	980535.72	0.08	-0.12	-8.61	-17.72
3B-1464	44 26.97	68 38.25	83.9	980535.06	0.09	-0.12	-8.29	-17.71
3B-1467	44 26.92	68 38.24	90.2	980533.72	0.12	-0.13	-7.61	-17.71
3B-1471	44 26.86	68 38.24	94.5	980532.92	0.15	-0.14	-6.97	-17.54
3B-1474	44 26.81	68 38.24	98.8	980532.20	0.18	-0.14	-6.30	-17.32
3B-1478	44 26.74	68 38.23	105.0	980531.26	0.22	-0.15	-5.22	-16.90
3B-1483	44 26.66	68 38.23	103.8	980532.08	0.22	-0.15	-4.65	-16.19
3B-1487	44 26.60	68 38.22	108.6	980531.28	0.26	-0.15	-3.90	-15.94
3B-1495	44 26.47	68 38.20	115.2	980530.51	0.32	-0.16	-2.42	-15.16
3B-1498	44 26.43	68 38.16	116.7	980530.39	0.34	-0.17	-2.03	-14.91

LINE 3B

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
3B-1511	44 26.21	68 38.00	104.2	980533.12	0.23	-0.15	-2.80	-14.39
3B-1517	44 26.15	68 37.97	95.6	980534.92	0.17	-0.14	-3.58	-14.25
3B-1523	44 26.07	68 37.91	87.1	980536.78	0.12	-0.12	-4.23	-13.98
3B-1527	44 26.00	68 37.89	81.5	980538.07	0.10	-0.12	-4.57	-13.70
3B-1534	44 25.91	68 37.81	82.6	980538.13	0.10	-0.12	-4.02	-13.28
3B-1537	44 25.87	68 37.75	86.2	980537.42	0.12	-0.12	-3.57	-13.21
3B-1541	44 25.83	68 37.70	94.8	980535.70	0.17	-0.14	-2.56	-13.13
3B-1545	44 25.78	68 37.63	93.8	980535.92	0.16	-0.13	-2.57	-13.04
3B-1551	44 25.70	68 37.56	77.5	980539.16	0.08	-0.11	-4.24	-12.95
3B-1560	44 25.57	68 37.49	53.9	980543.76	0.01	-0.08	-6.72	-12.82
3B-1564	44 25.51	68 37.46	51.6	980544.36	0.01	-0.07	-6.74	-12.58
3B-1569	44 25.43	68 37.41	49.1	980544.76	0.01	-0.07	-6.99	-12.55
3B-1572	44 25.39	68 37.39	50.5	980544.68	0.01	-0.07	-6.60	-12.31
3B-1575	44 25.35	68 37.34	49.6	980544.61	0.01	-0.07	-6.86	-12.47
3B-1579	44 25.30	68 37.28	53.5	980543.81	0.01	-0.08	-6.39	-12.44
3B-1587	44 25.22	68 37.14	52.4	980543.76	0.01	-0.08	-6.66	-12.59
3B-1596	44 25.13	68 36.99	47.6	980544.40	0.01	-0.07	-7.37	-12.75
3B-1603	44 25.05	68 36.87	53.7	980542.92	0.02	-0.08	-6.83	-12.90
3B-1609	44 24.99	68 36.75	59.0	980541.67	0.03	-0.09	-6.36	-13.02
3B-1623	44 24.85	68 36.52	69.2	980539.10	0.06	-0.10	-5.59	-13.37
3B-1625	44 24.84	68 36.50	70.3	980538.83	0.07	-0.10	-5.51	-13.40
3B-1641	44 24.66	68 36.21	73.2	980537.53	0.09	-0.11	-5.63	-13.84
3B-1645	44 24.62	68 36.14	73.0	980537.42	0.09	-0.11	-5.73	-13.92
3B-1659	44 24.47	68 35.90	72.3	980537.04	0.10	-0.10	-6.11	-14.21
3B-1659	44 24.47	68 35.90	72.3	980537.05	0.10	-0.10	-6.10	-14.20
3B-1663	44 24.41	68 35.95	76.4	980536.34	0.12	-0.11	-5.47	-14.00
3B-1667	44 24.36	68 36.00	78.8	980535.86	0.13	-0.11	-5.11	-13.92
3B-1671	44 24.32	68 36.07	84.5	980534.62	0.16	-0.12	-4.54	-13.96
3B-1678	44 24.23	68 36.16	86.0	980534.41	0.16	-0.12	-4.15	-13.74
3B-1687	44 24.12	68 36.30	85.8	980534.65	0.16	-0.12	-3.80	-13.37
3B-1692	44 24.06	68 36.37	86.1	980534.56	0.16	-0.12	-3.71	-13.31
3B-1695	44 24.02	68 36.41	89.2	980534.04	0.18	-0.13	-3.23	-13.16
3B-1698	44 23.98	68 36.46	88.5	980534.10	0.18	-0.13	-3.31	-13.16
3B-1701	44 23.95	68 36.50	82.3	980535.48	0.14	-0.12	-3.80	-12.99
3B-1704	44 23.90	68 36.48	82.3	980535.37	0.14	-0.12	-3.84	-13.03
3B-1708	44 23.84	68 36.45	77.7	980535.97	0.11	-0.11	-4.58	-13.27
3B-1711	44 23.79	68 36.43	74.1	980536.49	0.10	-0.11	-5.08	-13.38
3B-1716	44 23.71	68 36.43	74.8	980535.97	0.10	-0.11	-5.28	-13.66
3B-1721	44 23.63	68 36.41	70.9	980536.29	0.08	-0.10	-6.02	-13.98
3B-1726	44 23.55	68 36.43	49.7	980540.20	0.01	-0.07	-8.54	-14.16
3B-1731	44 23.48	68 36.47	50.0	980539.90	0.01	-0.07	-8.62	-14.28
3B-1736	44 23.40	68 36.49	49.8	980539.50	0.01	-0.07	-8.98	-14.62
3B-1740	44 23.37	68 36.54	45.2	980540.26	0.01	-0.07	-9.59	-14.70
3B-1749	44 23.29	68 36.71	28.5	980543.36	0.00	-0.04	-11.53	-14.76
3B-1755	44 23.25	68 36.83	27.3	980543.62	0.00	-0.04	-11.60	-14.69
3B-1762	44 23.16	68 36.91	32.1	980542.51	-0.01	-0.05	-11.07	-14.72

LINE 3B

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		-ANOMALIES-	
	LATTITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3B-1765	44 23.11	68 36.93	31.7	980542.51	0.00	-0.05	-11.12	-14.72
3B-1770	44 23.03	68 36.90	21.9	980543.90	0.01	-0.03	-12.63	-15.11
3B-1775	44 22.95	68 36.90	16.9	980544.38	0.02	-0.02	-13.59	-15.48
3B-1777	44 22.92	68 36.90	16.5	980544.33	0.02	-0.02	-13.71	-15.56
3B-1784	44 22.81	68 36.87	15.3	980544.13	0.02	-0.02	-14.11	-15.82
3B-1787	44 22.76	68 36.87	18.2	980543.22	0.02	-0.03	-14.04	-16.09
3B-1792	44 22.69	68 36.82	37.3	980539.02	0.01	-0.05	-12.24	-16.46
3B-1796	44 22.63	68 36.80	49.9	980536.29	0.02	-0.07	-10.99	-16.63
3B-1800	44 22.57	68 36.77	56.5	980534.65	0.04	-0.08	-10.52	-16.88
3B-1804	44 22.51	68 36.78	60.3	980533.70	0.05	-0.09	-10.20	-16.98
3B-1809	44 22.43	68 36.82	67.4	980531.96	0.08	-0.10	-9.61	-17.18
3B-1812	44 22.39	68 36.84	70.1	980531.24	0.09	-0.10	-9.46	-17.31
3B-1816	44 22.32	68 36.84	77.2	980529.54	0.12	-0.11	-8.88	-17.50
3B-1824	44 22.21	68 36.89	75.5	980529.37	0.11	-0.11	-9.37	-17.82
3B-1829	44 22.14	68 36.83	74.7	980529.20	0.10	-0.11	-9.72	-18.08
3B-1832	44 22.11	68 36.78	71.3	980529.78	0.09	-0.10	-10.12	-18.11
3B-1835	44 22.07	68 36.73	68.8	980530.22	0.08	-0.10	-10.39	-18.11
3B-1837	44 22.05	68 36.70	67.3	980530.45	0.08	-0.10	-10.60	-18.15
3B-1875	44 21.51	68 37.07	120.0	980518.83	0.41	-0.17	-5.14	-18.33
3B-1887	44 21.39	68 36.86	127.2	980517.10	0.49	-0.18	-4.49	-18.41
3B-1890	44 21.35	68 36.81	126.3	980517.24	0.49	-0.18	-4.56	-18.37
3B-1897	44 21.28	68 36.70	118.4	980518.54	0.41	-0.17	-5.56	-18.58
3B-1903	44 21.21	68 36.59	109.1	980520.51	0.33	-0.16	-6.36	-18.40
3B-1911	44 21.12	68 36.47	101.5	980521.90	0.28	-0.15	-7.18	-18.41
3B-1922	44 21.01	68 36.28	85.7	980525.11	0.18	-0.12	-8.69	-18.23
3B-1926	44 20.97	68 36.21	84.2	980525.39	0.18	-0.12	-8.82	-18.18
3B-1932	44 20.90	68 36.11	76.9	980526.92	0.14	-0.11	-9.44	-18.01
3B-1937	44 20.84	68 36.03	74.4	980527.44	0.13	-0.11	-9.60	-17.90
3B-1941	44 20.80	68 35.96	75.7	980527.15	0.15	-0.11	-9.41	-17.84
3B-1945	44 20.76	68 35.89	81.8	980525.97	0.19	-0.12	-8.66	-17.74
3B-1948	44 20.73	68 35.84	82.8	980525.94	0.21	-0.12	-8.35	-17.52
3B-1952	44 20.68	68 35.78	83.0	980525.94	0.22	-0.12	-8.20	-17.39
3B-1960	44 20.59	68 35.65	63.5	980530.33	0.11	-0.09	-9.70	-16.78
3B-1970	44 20.48	68 35.48	42.5	980535.07	0.03	-0.06	-11.25	-16.04
3B-1970	44 20.48	68 35.48	42.5	980535.04	0.03	-0.06	-11.27	-16.06
3B-1972	44 20.46	68 35.45	39.6	980535.86	0.02	-0.06	-11.34	-15.81
3B-1976	44 20.43	68 35.38	28.0	980538.44	0.00	-0.04	-12.29	-15.46
3B-1979	44 20.37	68 35.38	24.8	980539.52	-0.01	-0.04	-12.10	-14.92
3B-1984	44 20.29	68 35.41	25.8	980539.52	-0.01	-0.04	-11.68	-14.61
3B-1990	44 20.21	68 35.46	31.7	980538.61	0.00	-0.05	-10.64	-14.24
3B-1995	44 20.14	68 35.47	25.3	980539.98	-0.01	-0.04	-11.14	-14.02
3B-1999	44 20.09	68 35.50	22.4	980540.69	-0.01	-0.03	-11.27	-13.81
3B-2004	44 20.01	68 35.48	12.9	980542.63	-0.01	-0.02	-12.12	-13.60
3B-2011	44 19.90	68 35.43	8.4	980543.51	-0.01	-0.01	-12.47	-13.43
3B-2018	44 19.79	68 35.41	8.2	980543.81	-0.01	-0.01	-12.06	-13.00
3B-2026	44 19.66	68 35.37	5.4	980544.92	-0.01	-0.01	-11.62	-12.24

LINE 3B

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN	CURV	FREE AIR	COMPLETE BOUGUER
3B-2031	44 19.58	68 35.34	3.3	980545.51	0.00	0.00	-11.57	-11.94
3B-2033	44 19.54	68 35.34	5.0	980545.19	-0.01	-0.01	-11.31	-11.88
3B-2038	44 19.46	68 35.31	8.2	980544.83	-0.01	-0.01	-10.54	-11.48
3B-2046	44 19.35	68 35.25	16.5	980543.18	-0.02	-0.02	-9.46	-11.35
3B-2051	44 19.27	68 35.21	31.4	980540.32	0.00	-0.05	-7.60	-11.16
3B-2054	44 19.23	68 35.18	37.5	980539.17	0.01	-0.05	-6.82	-11.06
3B-2058	44 19.17	68 35.16	49.1	980537.00	0.05	-0.07	-5.34	-10.85
3B-2062	44 19.10	68 35.15	55.6	980535.80	0.07	-0.08	-4.42	-10.65
3B-2065	44 19.06	68 35.15	59.1	980535.04	0.09	-0.09	-4.03	-10.64
3B-2071	44 18.95	68 35.14	63.2	980534.30	0.11	-0.09	-3.35	-10.40
3B-2076	44 18.87	68 35.13	69.0	980533.11	0.15	-0.10	-2.61	-10.28
3B-2083	44 18.77	68 35.11	74.8	980531.86	0.18	-0.11	-1.91	-10.21
3B-2090	44 18.66	68 35.08	71.2	980532.63	0.15	-0.10	-2.11	-10.02
3B-2104	44 18.49	68 34.87	71.4	980532.42	0.16	-0.10	-1.99	-9.92
3B-2111	44 18.41	68 34.75	69.9	980532.59	0.15	-0.10	-2.15	-9.93
3B-2116	44 18.36	68 34.66	71.0	980531.97	0.16	-0.10	-2.35	-10.24
3B-2120	44 18.32	68 34.63	68.5	980532.57	0.14	-0.10	-2.49	-10.11
3B-2125	44 18.25	68 34.54	66.8	980533.60	0.13	-0.10	-1.87	-9.31
3B-2131	44 18.18	68 34.43	60.1	980534.26	0.10	-0.09	-3.17	-9.88
3B-2135	44 18.12	68 34.38	58.7	980534.38	0.10	-0.08	-3.38	-9.94
3B-2138	44 18.10	68 34.34	57.8	980534.33	0.09	-0.08	-3.68	-10.14
3B-2141	44 18.06	68 34.30	56.7	980534.13	0.09	-0.08	-4.16	-10.50
3B-2144	44 18.04	68 34.28	55.6	980533.99	0.08	-0.08	-4.63	-10.85
3B-2149	44 17.95	68 34.18	54.1	980534.76	0.08	-0.08	-4.18	-10.23
3B-2156	44 17.86	68 34.11	50.5	980535.40	0.06	-0.07	-4.50	-10.17
3B-2167	44 17.70	68 34.00	49.4	980536.00	0.06	-0.07	-4.01	-9.55
3B-2170	44 17.65	68 33.99	47.7	980535.87	0.06	-0.07	-4.58	-9.93
3B-2177	44 17.54	68 33.95	41.9	980536.85	0.03	-0.06	-5.24	-9.96
3B-2182	44 17.46	68 33.91	40.2	980537.65	0.03	-0.06	-4.82	-9.35
3B-2188	44 17.37	68 33.88	38.5	980538.31	0.02	-0.06	-4.56	-8.90
3B-2197	44 17.23	68 33.83	33.1	980538.68	0.01	-0.05	-5.66	-9.40
3B-2203	44 17.14	68 33.79	29.9	980539.49	0.00	-0.04	-5.70	-9.09
3B-2211	44 17.02	68 33.73	25.0	980540.49	-0.01	-0.04	-6.03	-8.88
3B-2215	44 16.95	68 33.73	23.9	980540.43	-0.02	-0.03	-6.31	-9.04
3B-2219	44 16.89	68 33.74	21.9	980540.69	-0.02	-0.03	-6.57	-9.08
3B-2223	44 16.83	68 33.75	21.9	980540.44	-0.02	-0.03	-6.75	-9.25
3B-2229	44 16.73	68 33.75	20.9	980540.42	-0.02	-0.03	-6.92	-9.31
3B-2239	44 16.57	68 33.75	18.5	980540.56	-0.03	-0.03	-7.28	-9.41
3B-2248	44 16.44	68 33.83	16.8	980540.45	-0.03	-0.02	-7.74	-9.67
3B-2255	44 16.34	68 33.90	25.1	980538.10	-0.01	-0.04	-7.35	-10.21
3B-2267	44 16.18	68 33.98	33.1	980535.20	0.01	-0.05	-7.55	-11.29
3B-2272	44 16.11	68 34.04	35.1	980534.39	0.02	-0.05	-7.62	-11.59
3B-2280	44 16.00	68 34.13	36.9	980533.52	0.03	-0.05	-7.79	-11.94
3B-2289	44 15.88	68 34.12	36.7	980532.86	0.03	-0.05	-8.32	-12.45
3B-2294	44 15.81	68 34.07	35.8	980532.58	0.03	-0.05	-8.77	-12.80
3B-2300	44 15.72	68 34.00	40.9	980531.20	0.06	-0.06	-8.46	-13.03

LINE 3B

STATION ID	LOCATIONS			OBSERVED GRAVITY (mgals)	CORRECTIONS		ANOMALIES	
	LATTITUDE deg min	LONGITUDE deg min	ELEV (meters)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
3B-2305	44 15.65	68 33.95	40.9	980530.86	0.06	-0.06	-8.69	-13.26
3B-2312	44 15.55	68 33.88	37.3	980531.16	0.04	-0.05	-9.34	-13.53
3B-2314	44 15.53	68 33.84	35.0	980531.47	0.03	-0.05	-9.70	-13.64
3B-2323	44 15.48	68 33.66	22.1	980533.90	-0.02	-0.03	-11.18	-13.71
3B-2340	44 15.31	68 33.36	6.3	980536.36	-0.05	-0.01	-13.35	-14.11
3B-2351	44 15.20	68 33.16	7.5	980535.79	-0.05	-0.01	-13.37	-14.28
3B-2359	44 15.12	68 33.03	16.6	980534.01	-0.03	-0.02	-12.24	-14.15
3B-2362	44 15.09	68 32.98	18.0	980533.64	-0.03	-0.03	-12.12	-14.19
3B-2365	44 15.05	68 32.93	22.1	980532.79	-0.01	-0.03	-11.64	-14.16
3B-2377	44 14.93	68 32.72	31.1	980530.95	0.02	-0.05	-10.53	-14.03
3B-2382	44 14.89	68 32.63	34.8	980530.17	0.04	-0.05	-10.09	-14.00
3B-2385	44 14.87	68 32.57	36.2	980529.86	0.04	-0.05	-9.94	-14.01
3B-2388	44 14.85	68 32.50	33.9	980530.35	0.03	-0.05	-10.16	-13.97
3B-2391	44 14.84	68 32.43	32.0	980530.71	0.02	-0.05	-10.36	-13.96
3B-2397	44 14.80	68 32.31	35.5	980529.96	0.04	-0.05	-9.96	-13.95
3B-2402	44 14.78	68 32.21	33.4	980530.55	0.03	-0.05	-9.99	-13.75
3B-2406	44 14.76	68 32.12	31.7	980531.00	0.03	-0.05	-10.04	-13.60
3B-2410	44 14.75	68 32.03	31.0	980531.36	0.02	-0.05	-9.86	-13.36
3B-2413	44 14.74	68 31.97	26.7	980532.47	0.01	-0.04	-10.09	-13.10
3B-2420	44 14.63	68 31.94	27.5	980531.80	0.01	-0.04	-10.34	-13.45
3B-2424	44 14.57	68 31.95	24.8	980532.22	0.00	-0.04	-10.67	-13.48
3B-2428	44 14.50	68 31.95	16.2	980533.49	-0.03	-0.02	-11.94	-13.81
3B-2432	44 14.44	68 31.95	15.6	980533.28	-0.03	-0.02	-12.24	-14.04
3B-2432	44 14.44	68 31.95	15.6	980533.21	-0.03	-0.02	-12.30	-14.11
3B-2435	44 14.36	68 31.96	18.0	980532.60	-0.02	-0.03	-12.07	-14.13
3B-2438	44 14.34	68 31.96	16.4	980532.83	-0.03	-0.02	-12.28	-14.18
3B-2445	44 14.23	68 31.96	19.9	980532.07	-0.02	-0.03	-11.82	-14.09
3B-2452	44 14.12	68 31.97	27.8	980530.26	0.01	-0.04	-11.02	-14.16
3B-2457	44 14.04	68 31.97	36.1	980528.37	0.05	-0.05	-10.23	-14.27
3B-2463	44 13.94	68 31.97	28.0	980529.79	0.02	-0.04	-11.15	-14.31
3B-2473	44 13.78	68 31.98	10.6	980532.94	-0.04	-0.02	-13.13	-14.37