

United States Department of the Interior
Geological Survey

Principal facts for gravity stations in the
Challis, Idaho, 1 x 2 degree Quadrangle

by

Michael Webring and Don R. Mabey

Open File Report

81-652

This report is preliminary and has not been
reviewed for conformity with U.S. Geological
Survey editorial standards.

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Challis, Idaho, 1 x 2 degree Quadrangle

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A gravity survey was conducted in the Challis 1x2 degree area, as part of a larger program by the U.S. Geological Survey to assess the mineral potential in this area. During July and August of 1979 and 1980, 476 stations were established to help delineate the boundaries of the major structural units.

Explanation of the headings for the accompanying table
of principal facts:

station identification	Prefixes cm and tm indicate stations obtained for the present study. Prefixes st, p, lv, ch are from previous surveys. Stations without prefix are from the U.S. Department of Defense Data Center, Boulder, Colo.
latitude	North latitude in degrees and minutes
longitude	West longitude in degrees and minutes
elevation	Elevation in feet. Vertical control from U.S. Geological Survey topographic maps.
st	not used for this survey
observed gravity	Three bases located in the following towns were used as standards to which the cm and tm stations were tied: CHALLIS 980052.50 mgal The benchmark is stamped BM J-16 and located

near the airport on the west side of the highway.

STANLEY 979946.09 mgal

The benchmark is located near the highway on the west end of town and labelled BM6262 on USGS topographic maps.

CASCADE 980114.90 mgal

The benchmark is stamped B137 and located near the ranger station on the south end of town.

The three local bases were tied to the base ACIC 0452-1 in Boise (Morelli, 1974). The Boise monument was removed during remodeling of the Post Office but location recovery should be within 6 inches. Overall accuracy is estimated to be within .5 mgal based on comparison of repeat stations.

theoretical gravity

Calculated at sea level using the Geodetic Reference System 1967 formula (Intern. Assoc. Geodesy, 1971).

terrain correction

All stations corrected for terrain variations from a distance of 53 meters to 167 kilometers using a density of 2.67 gm/cc (Hammer, 1939).

Bouguer correction

Gravitational attraction of a horizontal slab calculated from sea level to the station elevation with a density of 2.67 gm/cc.

curvature correction

Adjustment to the attraction of the Bouguer slab for curvature of the Earth (Lambert, 1930).

special correction

not used for this survey

free air anomaly The observed gravity minus the theoretical gravity compensated for station elevation.

Bouguer anomaly The free air anomaly plus the corrections for densities 2.67 and 2.60 gm/cc.

spec fields not used for this survey

References

- International Association of Geodesy, 1971, Geodetic reference system 1967: Intern. Assoc. Geodesy Spec. Pub. 3, 116 p.
- Hammer, S., 1939, Terrain corrections for gravimeter stations: Geophysics, vol. 4, p. 184-194.
- Lambert, W. D., 1930, The reduction of observed values of gravity to sea level: Bulletin Geodesique, no. 26, p. 107-181.
- Morelli C., (ed.), 1974, The international gravity standardization net 1971: Intern. Assoc. of Geodesy Special Pub. 4, 194 p.

BOUGUER GRAVITY DATA

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STATION IDENTIFICATION proj sta-id	L O C A T I O N S LATITUDE deg min	L O C A T I O N S LONGITUDE deg min	ELE ST (in ft)	G R A V I T Y OBSERVED	TERRAIN BOUGUER CURV	C O R R E C T I O N S SPECIAL	FREE AIR	A N O M A L I E S COMPLETE-BOUGUER d1=2.67 d2=2.60 FIELDS	SPEC FIELDS	
cm001	44 42.50	-114 1.80	4629.0	980095.61	6.00	-157.88	-1.36	-61.84	-215.09	-211.07
cm002	44 43.37	-114 0.26	4616.0	980091.51	13.82	-157.44	-1.36	-68.48	-213.46	-209.65
cm003	44 48.06	-114 0.30	4489.0	980109.37	8.69	-153.11	-1.34	-69.63	-215.39	-211.57
cm004	44 36.90	-114 13.62	6694.0	979960.89	4.32	-228.31	-1.52	5.94	-219.57	-213.66
cm005	44 43.66	-114 12.30	8004.0	979878.52	9.39	-272.99	-1.47	36.45	-228.63	-221.68
cm006	44 46.90	-114 10.17	6900.0	979957.85	3.11	-235.34	-1.52	7.17	-226.58	-220.45
cm007	44 50.03	-114 11.85	8731.0	979846.77	13.60	-297.79	-1.39	63.38	-222.21	-214.72
cm008	44 52.65	-114 12.25	8805.0	979861.08	4.99	-300.31	-1.39	80.68	-216.03	-208.25
cm009	44 55.90	-114 11.84	9169.0	979837.97	13.83	-312.73	-1.33	86.85	-213.38	-205.51
cm010	44 59.62	-114 13.87	8345.0	979903.96	8.26	-284.62	-1.44	69.84	-207.97	-200.68
cm011	44 59.65	-114 9.25	8441.0	979903.17	5.28	-287.90	-1.43	78.02	-206.03	-198.58
cm012	44 59.28	-114 5.07	8906.0	979874.49	10.57	-303.76	-1.37	93.58	-200.98	-193.26
cm013	44 33.48	-114 10.18	6058.0	979988.96	9.92	-206.62	-1.50	-20.59	-218.79	-213.60
cm014	44 34.65	-114 8.30	6565.0	979967.69	6.52	-223.91	-1.52	4.01	-214.90	-209.16
cm015	44 36.28	-114 3.60	7307.0	979918.81	10.21	-249.22	-1.51	22.39	-218.13	-211.83
cm016	44 41.25	-114 8.30	6670.0	979970.17	6.53	-227.49	-1.52	6.40	-216.08	-210.24
cm017	44 43.87	-114 7.20	6225.0	980001.10	5.06	-212.32	-1.51	-8.43	-217.20	-211.72
cm018	44 45.30	-114 3.93	5469.0	980050.22	2.22	-186.53	-1.46	-32.51	-218.28	-213.41
cm019	44 48.17	-114 6.58	6954.0	979957.82	5.57	-237.18	-1.52	10.29	-222.83	-216.72
cm020	44 50.51	-114 4.52	6960.0	979964.88	8.96	-237.39	-1.52	14.39	-215.55	-209.52
cm021	44 53.55	-114 2.58	6825.0	979977.19	11.81	-232.78	-1.52	9.42	-213.06	-207.23
cm022	44 56.48	-114 2.17	6942.0	979987.79	7.45	-236.77	-1.52	26.60	-204.24	-198.19
cm023	44 55.73	-114 7.38	6924.0	979978.66	8.02	-236.16	-1.52	16.92	-212.74	-206.72
cm024	44 43.38	-114 16.20	6025.0	980015.78	4.58	-205.50	-1.50	-11.81	-214.22	-208.91
cm025	44 45.45	-114 15.27	6179.0	980008.52	4.85	-210.75	-1.50	-7.72	-215.12	-209.68
cm026	44 46.77	-114 14.74	6393.0	979996.65	4.08	-218.05	-1.51	-1.47	-216.95	-211.30
cm027	44 50.50	-114 16.03	7578.0	979935.81	2.67	-258.46	-1.50	43.39	-213.90	-207.15
cm028	44 51.63	-114 17.42	7033.0	979965.20	7.65	-239.88	-1.52	19.88	-213.86	-207.73
cm029	44 53.82	-114 18.80	6652.0	979983.25	4.27	-226.88	-1.52	-1.17	-225.30	-219.43
cm030	44 56.08	-114 20.35	6252.0	979996.29	3.95	-213.24	-1.51	-29.13	-239.92	-234.40
cm031	44 57.72	-114 21.40	6030.0	980015.26	4.95	-205.67	-1.50	-33.50	-235.71	-230.41
cm032	44 59.96	-114 20.12	5667.0	980046.66	5.46	-193.28	-1.47	-39.58	-228.88	-223.92
cm033	44 53.26	-114 24.02	5839.0	980024.33	7.78	-199.15	-1.49	-35.64	-228.50	-223.44
cm034	44 52.13	-114 25.42	5522.0	980039.22	11.46	-190.05	-1.47	-44.14	-224.19	-219.47
cm035	44 50.48	-114 28.09	5329.0	980053.33	12.13	-181.76	-1.45	-50.37	-221.45	-216.96
cm036	44 49.73	-114 29.94	5184.0	980066.41	8.76	-176.81	-1.43	-49.78	-219.27	-214.82
cm037	44 51.73	-114 27.17	5459.0	980048.71	9.53	-186.19	-1.46	-44.66	-222.78	-218.11
cm038	44 55.06	-114 23.25	6086.0	980008.90	6.42	-207.58	-1.50	-30.58	-233.24	-227.92
cm039	44 22.33	-114 13.04	7889.0	979866.88	15.63	-269.07	-1.48	46.18	-208.74	-202.06
cm040	44 16.37	-114 12.20	7891.0	979864.85	11.64	-269.14	-1.48	53.32	-205.65	-198.86

BOUGUER GRAVITY DATA

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STATION IDENTIFICATION	proj	sta-id	L O C A T I O N	C A T I O N S	E L E M E N T S	G R A V I T Y	T E R R A I N	C O R R E C T I O N S	S P E C I A L	F R E E A I R	A N O M A L I E S	S P E C F I E L D S
			L A T I T U D E	L O N G I T U D E	E L E M E N T S	O B S E R V E D	T E R R A I N	C O R R E C T I O N S	S P E C I A L	A I R	C O M P L E T E	S P E C F I E L D S
			deg	deg	(in ft)	T H E O R E T I C A L	B O U G U E R	C U R V		d1=2.67	d2=2.60	
cm041			44 14.34	-114 4.63	7946.0	979862.63	980550.18	3.08	-271.02	-1.47	59.33	-210.08 -203.01
cm042			44 12.43	-114 8.09	7852.0	979857.49	980547.30	4.89	-267.81	-1.48	48.24	-216.16 -209.22
cm043			44 9.70	-114 7.03	8045.0	979833.50	980543.19	8.22	-274.39	-1.47	46.50	-221.14 -214.12
cm044			44 6.34	-114 5.21	9542.0	979724.18	980538.12	23.04	-325.45	-1.27	82.86	-220.82 -212.86
cm045			44 1.65	-114 2.18	8234.0	979816.17	980531.05	9.77	-280.84	-1.45	59.06	-213.46 -206.31
cm046			44 2.12	-114 6.88	9974.0	979695.80	980531.76	18.40	-340.18	-1.19	101.41	-221.56 -213.09
cm047			44 1.30	-114 12.79	8863.0	979774.79	980530.52	10.21	-302.29	-1.38	77.29	-216.17 -208.47
cm048			44 28.15	-114 4.21	7335.0	979913.19	980571.01	9.51	-250.18	-1.51	31.66	-210.51 -204.17
cm049			44 12.25	-114 20.43	7685.0	979879.57	980547.03	4.92	-262.11	-1.49	54.90	-203.78 -197.00
cm050			44 2.87	-114 26.60	8181.0	979813.03	980532.89	11.70	-279.03	-1.45	49.10	-219.68 -212.63
cm051			44 5.37	-114 22.82	9038.0	979771.66	980536.66	13.65	-308.26	-1.35	84.47	-211.50 -203.74
cm052			44 6.48	-114 19.55	7787.0	979851.27	980538.33	9.56	-265.59	-1.49	44.89	-212.63 -205.87
cm053			44 3.40	-114 14.75	7931.0	979836.76	980533.69	10.41	-270.50	-1.48	48.55	-213.02 -206.16
cm054			44 25.34	-114 2.12	7542.0	979897.38	980566.77	7.49	-257.24	-1.50	39.54	-211.71 -205.12
cm055			44 15.98	-114 15.34	7821.0	979862.30	980552.66	8.29	-266.75	-1.48	44.78	-215.16 -208.35
cm056			44 13.89	-114 13.17	6834.0	979924.18	980549.50	2.05	-233.09	-1.52	17.09	-215.47 -209.37
cm057			44 22.04	-114 20.59	10313.0	979712.28	980561.79	34.64	-351.75	-1.11	119.69	-198.53 -190.19
cm058			44 21.72	-114 24.38	8752.0	979824.78	980561.31	6.84	-298.51	-1.39	86.06	-206.99 -199.31
cm059			44 18.48	-114 25.78	9223.0	979777.40	980556.42	22.85	-314.57	-1.32	87.81	-205.24 -197.55
cm060			44 18.82	-114 29.08	6961.0	979928.73	980556.94	6.19	-237.42	-1.52	26.14	-206.61 -200.50
cm061			44 21.51	-114 28.62	6895.0	979929.78	980560.99	6.52	-235.17	-1.52	16.93	-213.24 -207.20
cm062			44 21.70	-114 31.00	7666.0	979874.16	980561.28	11.32	-261.47	-1.49	33.46	-218.18 -211.58
cm063			44 18.63	-114 33.23	8194.0	979839.02	980556.65	13.59	-279.47	-1.45	52.55	-214.79 -207.78
cm064			44 20.61	-114 34.40	7950.0	979857.71	980559.63	7.85	-271.15	-1.47	45.33	-219.44 -212.50
cm065			44 16.81	-114 31.95	7348.0	979894.54	980553.91	10.68	-250.62	-1.51	31.34	-210.11 -203.78
cm066			44 16.75	-114 35.62	8164.0	979839.50	980553.81	11.93	-278.45	-1.46	53.05	-214.93 -207.90
cm067			44 18.03	-114 38.02	8682.0	979803.64	980555.74	13.04	-296.12	-1.40	63.91	-220.57 -213.11
cm068			44 21.30	-114 39.43	8481.0	979820.22	980560.68	11.39	-289.26	-1.42	56.68	-222.62 -215.30
cm069			44 25.17	-114 41.80	9857.0	979718.67	980566.52	27.82	-336.19	-1.21	78.53	-231.05 -222.93
cm070			44 26.71	-114 39.38	9294.0	979762.69	980568.84	22.43	-316.99	-1.31	67.35	-228.52 -220.77
cm071			44 28.60	-114 41.54	9502.0	979755.77	980571.69	16.79	-324.09	-1.28	77.12	-231.45 -223.36
cm072			44 25.70	-114 15.95	8151.0	979851.89	980567.31	23.42	-278.01	-1.46	50.71	-205.33 -198.62
cm073			44 25.51	-114 21.38	9895.0	979752.49	980567.02	21.69	-337.49	-1.20	115.41	-201.59 -193.28
cm074			44 24.66	-114 24.05	8584.0	979838.67	980565.74	3.14	-292.78	-1.41	79.74	-211.31 -203.68
cm075			44 26.57	-114 25.94	9397.0	979784.92	980568.63	9.21	-320.51	-1.30	99.47	-213.12 -204.92
cm076			44 24.53	-114 28.22	8171.0	979847.99	980565.55	8.17	-278.69	-1.46	50.46	-221.51 -214.38
cm077			44 24.85	-114 30.30	8371.0	979830.33	980566.03	12.40	-285.51	-1.44	51.10	-223.45 -216.25
cm078			44 27.95	-114 32.90	9283.0	979772.38	980570.70	13.87	-316.62	-1.31	74.14	-229.92 -221.95
cm079			44 30.81	-114 34.38	8754.0	979796.00	980575.02	6.27	-298.57	-1.39	43.76	-249.94 -242.24
cm081			44 36.20	-114 32.87	9151.0	979789.52	980583.15	18.48	-312.11	-1.34	66.44	-228.53 -220.80

STATION IDENTIFICATION proj	L O C A T I O N S		E L E ELE (in ft)	O B S E R V E D	T H E O R E T I C A L	C O R R E C T I O N S		S P E C I A L	F R E E AIR	A N O M A L I E S	
	L A T I T U D E deg	L O N G I T U D E deg				T E R R A I N BOUGUER CURV	A I R			C O M P L E T E - B O U G U E R d1=2.67 d2=2.60	S P E C F I E L D S
cm082	44 36.75	-114 36.20	7242.0	979913.74	980583.98	11.11	-247.00	-1.51	10.50	-226.90	-220.68
cm083	44 32.95	-114 36.80	8722.0	979803.17	980578.24	12.45	-297.48	-1.40	44.70	-241.73	-234.22
cm084	44 33.60	-114 39.77	9376.0	979760.78	980579.23	22.55	-319.79	-1.30	62.75	-235.79	-227.96
cm084a	44 31.67	-114 44.36	9846.0	979731.35	980576.31	29.91	-335.82	-1.21	80.38	-226.74	-218.69
cm085	44 34.26	-114 46.74	8517.0	979836.48	980580.22	13.43	-290.49	-1.42	56.78	-221.70	-214.40
cm086	44 40.66	-114 47.83	7828.0	979891.54	980589.88	16.44	-266.99	-1.48	37.45	-214.58	-207.97
cm087	44 41.77	-114 51.94	8099.0	979884.85	980591.55	11.06	-276.23	-1.46	54.55	-212.08	-205.09
cm088	44 41.91	-114 45.85	4808.0	980075.85	980591.76	14.54	-163.99	-1.39	-63.89	-214.72	-210.77
cm089	44 43.18	-114 43.85	7175.0	979937.79	980593.67	11.54	-244.72	-1.51	18.55	-216.14	-209.98
cm090	44 43.63	-114 38.94	9304.0	979801.26	980594.35	20.44	-317.33	-1.31	81.34	-216.87	-209.05
cm091	44 42.65	-114 36.02	8868.0	979827.03	980592.88	17.10	-302.46	-1.38	67.64	-219.10	-211.58
cm092	44 39.96	-114 36.11	7907.0	979878.55	980588.82	13.16	-269.68	-1.48	32.94	-225.06	-218.30
cm093	44 26.83	-114 6.21	5932.0	980002.46	980569.02	2.52	-202.32	-1.49	-8.90	-210.20	-204.92
cm094	44 18.28	-114 10.24	7337.0	979908.94	980556.13	3.17	-250.24	-1.51	42.48	-206.10	-199.58
cm095	44 17.41	-114 10.24	6975.0	979928.83	980554.81	2.11	-237.90	-1.52	29.68	-207.63	-201.41
cm096	44 19.17	-114 12.67	6714.0	979944.42	980557.46	2.85	-229.00	-1.52	18.09	-209.57	-203.60
cm097	44 30.13	-114 37.80	9539.0	979746.07	980573.99	17.06	-325.35	-1.27	68.59	-240.97	-232.86
cm098	44 35.18	-114 44.08	8891.0	979810.15	980581.61	17.52	-303.25	-1.37	64.18	-222.92	-215.39
cm099	44 39.22	-114 44.09	5011.0	980053.78	980587.70	16.97	-170.91	-1.41	-62.82	-218.17	-214.10
cm100	44 44.95	-114 45.75	9465.0	979782.66	980596.34	36.32	-322.82	-1.28	75.87	-211.92	-204.37
cm101	44 45.20	-114 50.85	8364.0	979853.53	980596.72	30.08	-285.27	-1.44	42.95	-213.68	-206.95
cm102	44 47.15	-114 49.31	7070.0	979941.93	980599.66	24.99	-241.14	-1.51	6.84	-210.82	-205.11
cm103	44 49.70	-114 51.85	8120.0	979872.30	980603.51	28.05	-276.95	-1.46	32.00	-218.36	-211.79
cm104	44 48.12	-114 54.99	8285.0	979866.61	980601.13	22.77	-282.58	-1.44	44.20	-217.05	-210.20
cm105	44 45.60	-114 57.50	7862.0	979890.48	980597.33	19.31	-268.15	-1.48	32.14	-218.18	-211.62
cm106	44 49.27	-114 59.16	5395.0	980052.08	980602.86	8.16	-184.01	-1.45	-43.60	-220.90	-216.25
cm107	44 51.64	-114 55.50	8426.0	979866.37	980606.44	16.32	-287.39	-1.43	51.89	-220.61	-213.46
cm108	44 46.46	-114 41.78	8691.0	979859.53	980598.63	9.39	-296.43	-1.40	77.76	-210.67	-203.11
cm109	44 48.57	-114 39.63	9639.0	979791.48	980601.80	24.85	-328.76	-1.25	95.57	-209.59	-201.59
cm110	44 50.30	-114 41.04	9406.0	979806.88	980604.41	24.59	-320.81	-1.29	86.48	-211.04	-203.24
cm111	44 51.52	-114 43.95	6803.0	979978.70	980606.26	14.76	-232.03	-1.52	11.93	-206.85	-201.12
cm112	44 48.69	-114 46.03	6835.0	979969.12	980601.98	14.06	-233.12	-1.52	9.63	-210.95	-205.17
cm113	44 51.30	-114 48.45	6444.0	979997.98	980605.92	10.92	-219.79	-1.51	0.00	-212.56	-207.05
cm114	44 53.60	-114 48.25	8629.0	979855.05	980609.39	28.27	-294.31	-1.41	56.68	-210.77	-203.75
cm115	44 53.61	-114 53.82	8731.0	979848.89	980609.41	13.72	-297.79	-1.39	60.09	-225.37	-217.89
cm116	44 58.38	-114 54.81	9214.0	979829.50	980616.60	24.78	-314.26	-1.33	78.87	-211.94	-204.31
cm117	44 57.40	-114 56.14	9435.0	979809.42	980615.13	27.60	-321.80	-1.29	81.03	-214.46	-206.72
cm118	44 46.04	-114 41.42	9881.0	979764.81	980597.99	31.27	-337.01	-1.21	95.44	-211.50	-203.46
cm119	44 53.72	-114 59.77	8899.0	979830.10	980609.58	25.35	-303.52	-1.37	56.92	-222.63	-215.30
cm120	44 56.65	-114 51.32	8442.0	979883.42	980613.99	18.45	-287.93	-1.43	62.89	-208.02	-200.92

BOUGUER GRAVITY DATA

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STATION IDENTIFICATION proj	L O C A T I O N S		ELE (jn ft)	ST	OBSERVED	TERRAIN	C O R R E C T I O N S		FREE AIR	A N O M A L I E S	
	LATITUDE deg min	LONGITUDE deg min					TERRAIN BOUGUER CURV	SPECIAL		COMPLETE-BOUGUER d1=2.67 d2=2.60	SPEC FIELDS
cm121	44 58.13	-114 48.73	6193.0		980029.75	13.38	-211.23	-1.50	0.00	-4.30	-203.66 -198.43
cm122	44 56.00	-114 45.70	6084.0		980031.83	15.05	-207.51	-1.50	0.00	-9.26	-203.21 -198.13
cm123	44 58.80	-114 39.30	9029.0		979849.41	26.55	-307.95	-1.35	0.00	80.77	-201.98 -194.57
cm124	44 55.99	-114 39.91	8510.0		979877.08	23.60	-290.25	-1.42	0.00	63.93	-204.14 -197.12
cm125	44 54.41	-114 36.59	6594.0		979999.91	10.50	-224.90	-1.52	0.00	9.15	-206.77 -201.11
cm126	44 58.87	-114 33.05	7112.0		979977.12	4.37	-242.57	-1.51	0.00	28.29	-211.42 -205.14
cm127	44 47.40	-114 30.53	8459.0		979838.92	24.39	-288.51	-1.43	0.00	33.94	-231.61 -224.64
cm128	44 45.68	-114 36.82	8801.0		979837.39	15.27	-300.18	-1.39	0.00	67.13	-219.16 -211.66
cm129	44 47.68	-114 36.98	8055.0		979893.83	15.43	-274.73	-1.47	0.00	50.47	-210.29 -203.46
cm130	44 50.22	-114 36.48	9768.0		979776.55	31.03	-333.16	-1.23	0.00	90.26	-213.10 -205.14
cm131	44 53.87	-114 32.28	8388.0		979879.16	14.38	-286.09	-1.43	0.00	57.75	-215.39 -208.23
cm132	44 54.62	-114 29.78	9130.0		979829.09	16.90	-311.40	-1.34	0.00	76.25	-219.59 -211.83
cm133	44 55.68	-114 27.19	8131.0		979902.06	7.24	-277.33	-1.46	0.00	53.78	-217.76 -210.64
cm134	44 58.26	-114 25.17	8292.0		979887.17	9.25	-282.82	-1.44	0.00	50.12	-224.89 -217.68
cm135	44 57.95	-114 19.25	7187.0		979942.92	2.94	-245.13	-1.51	0.00	2.53	-241.17 -234.78
cm136	44 56.56	-114 17.15	7428.0		979939.90	4.53	-253.35	-1.50	0.00	24.25	-226.08 -219.51
cm137	44 59.65	-114 16.26	7258.0		979967.49	4.04	-247.55	-1.51	0.00	31.21	-213.81 -207.39
cm138	44 33.57	-114 28.19	9255.0		97981.95	12.07	-315.66	-1.32	0.00	72.60	-232.31 -224.31
cm139	44 39.66	-114 29.56	9160.0		979801.61	12.35	-312.42	-1.33	0.00	74.15	-227.25 -219.35
cm140	44 42.26	-114 27.80	8686.0		979841.89	12.41	-296.25	-1.40	0.00	65.99	-219.26 -211.78
cm141	44 45.29	-114 27.04	7418.0		979920.11	8.73	-253.01	-1.50	0.00	20.52	-225.26 -218.82
cm142	44 49.00	-114 33.45	6847.0		979968.77	9.93	-233.53	-1.52	0.00	9.94	-215.18 -209.27
cm143	44 48.94	-114 24.46	7729.0		979901.68	12.83	-263.61	-1.49	0.00	25.80	-226.47 -219.86
cm144	44 50.45	-114 20.59	9510.0		979793.36	19.86	-324.36	-1.28	0.00	82.49	-223.28 -215.26
cm145	44 46.78	-114 19.47	9616.0		979774.23	27.04	-327.97	-1.26	0.00	78.86	-223.33 -215.41
cm146	44 45.12	-114 21.58	9033.0		979823.15	8.76	-308.09	-1.35	0.00	75.52	-225.16 -217.28
cm147	44 31.66	-114 20.00	7204.0		979926.13	5.12	-245.71	-1.51	0.00	27.00	-215.10 -208.75
cm148	44 33.74	-114 24.39	8035.0		979865.54	8.56	-274.05	-1.47	0.00	41.34	-225.62 -218.62
cm149	44 37.13	-114 23.21	9226.0		979785.74	18.64	-314.67	-1.32	0.00	68.30	-229.06 -221.26
cm150	44 40.09	-114 23.28	8805.0		979825.24	12.72	-300.31	-1.39	0.00	63.79	-225.19 -217.61
cm151	44 41.61	-114 18.78	7121.0		979937.94	4.34	-242.88	-1.51	0.00	16.00	-224.05 -217.76
cm152	44 36.83	-114 16.90	6654.0		979966.52	5.09	-226.95	-1.52	0.00	7.92	-215.46 -209.60
cm153	44 19.17	-114 47.20	8745.0		979804.21	8.82	-298.27	-1.39	0.00	68.68	-222.16 -214.53
cm154	44 20.43	-114 50.57	9191.0		979764.96	18.87	-313.48	-1.33	0.00	69.42	-226.51 -218.76
cm155	44 24.35	-114 51.75	9387.0		979759.51	23.40	-320.16	-1.30	0.00	76.47	-221.59 -213.78
cm156	44 26.23	-114 50.01	9603.0		979752.86	19.61	-327.53	-1.26	0.00	87.27	-221.91 -213.81
cm157	44 29.02	-114 48.12	10329.0		979702.89	27.17	-352.29	-1.11	0.00	101.27	-224.96 -216.41
cm158	44 26.80	-114 46.52	9734.0		979741.51	19.58	-332.00	-1.23	0.00	87.36	-226.29 -218.07
cm159	44 24.52	-114 45.38	8961.0		979785.49	17.71	-305.63	-1.36	0.00	62.18	-227.11 -219.52
cm160	44 27.04	-114 51.87	9127.0		979788.54	14.49	-311.30	-1.34	0.00	77.02	-221.13 -213.31

STATION IDENTIFICATION proj sta-id	L O C A T I O N S		E L E (in ft)	O B S E R V E D T H E O R E T I C A L	T E R R A I N B O U G U E R C U R V	S P E C I A L	A N O M A L I E S				
	L A T I T U D E deg min	L O N G I T U D E deg min					F R E E A I R	C O M P L E T E - B O U G U E R S P E C d1=2.67 d2=2.60 FIELDS			
cm161	44 28.75	-114 56.57	9139.0	979795.48	980571.91	13.99	-311.71	-1.34	82.51	-216.54	-208.70
cm162	44 26.54	-114 54.18	9649.0	979754.79	980568.58	19.28	-329.10	-1.25	93.05	-218.02	-209.86
cm163	44 14.87	-115 3.66	6537.0	979937.66	980550.98	3.47	-222.96	-1.51	1.19	-219.81	-214.02
cm164	44 14.12	-115 5.62	6582.0	979934.13	980549.85	6.50	-224.49	-1.52	3.02	-216.49	-210.74
cm165	44 15.57	-115 1.46	6455.0	979941.30	980552.04	2.65	-220.16	-1.51	-3.94	-222.96	-217.22
cm166	44 22.41	-114 47.69	7722.0	979874.77	980562.35	6.88	-263.38	-1.49	38.26	-219.72	-212.96
cm167	44 22.11	-114 56.77	9058.0	979794.87	980561.90	11.98	-308.94	-1.35	84.30	-214.01	-206.19
cm168	44 25.72	-114 59.03	8507.0	979836.72	980567.34	7.64	-290.15	-1.42	68.95	-214.98	-207.53
cm169	44 23.15	-114 59.08	7985.0	979868.30	980563.47	3.95	-272.35	-1.47	55.37	-214.49	-207.42
cm170	44 15.67	-115 6.97	6735.0	979927.44	980552.19	3.88	-229.71	-1.52	8.36	-218.99	-213.03
cm171	44 24.37	-115 3.70	7300.0	979910.01	980565.30	2.88	-248.98	-1.51	30.89	-216.72	-210.23
cm172	44 27.41	-115 7.17	8190.0	979858.88	980569.89	8.84	-279.34	-1.45	58.79	-213.16	-206.03
cm173	44 29.43	-115 7.22	9315.0	979779.78	980572.94	18.49	-317.71	-1.31	82.31	-218.21	-210.33
cm174	44 28.24	-115 0.67	8475.0	979842.65	980571.14	9.06	-289.06	-1.42	68.08	-213.35	-205.97
cm175	44 28.65	-115 11.44	7805.0	979885.82	980571.76	4.96	-266.21	-1.48	47.69	-215.04	-208.15
cm176	44 24.43	-115 14.29	9526.0	979764.54	980565.40	23.69	-324.90	-1.27	94.43	-208.06	-200.13
cm177	44 18.82	-115 9.34	8358.0	979832.20	980556.94	11.24	-285.07	-1.44	60.85	-214.41	-207.20
cm178	44 16.97	-115 12.16	8848.0	979797.49	980554.15	18.09	-301.78	-1.38	74.96	-210.11	-202.64
cm179	44 13.81	-115 14.62	8605.0	979801.94	980549.38	24.51	-293.49	-1.41	61.34	-209.05	-201.96
cm180	44 16.75	-115 0.40	6432.0	979943.21	980553.81	2.11	-219.38	-1.51	-5.97	-224.75	-219.01
cm181	44 18.39	-115 3.09	6561.0	979942.96	980556.29	2.06	-223.78	-1.52	3.43	-219.80	-213.95
cm182	44 20.74	-115 3.20	6748.0	979936.57	980559.83	4.97	-230.15	-1.52	11.07	-215.63	-209.69
cm183	44 20.28	-115 3.31	6750.0	979935.37	980559.14	4.36	-230.22	-1.52	10.75	-216.63	-210.67
cm184	44 18.98	-115 5.26	6649.0	979940.54	980557.18	2.28	-226.78	-1.52	8.39	-217.63	-211.70
cm185	44 23.66	-115 9.83	6532.0	979963.76	980564.23	2.76	-222.79	-1.51	13.55	-207.99	-202.18
cm186	44 9.82	-115 11.58	5028.0	980025.74	980543.37	10.34	-171.49	-1.41	-44.92	-207.49	-203.22
cm187	44 9.03	-115 8.80	5251.0	980004.95	980542.17	14.07	-179.10	-1.44	-43.56	-210.03	-205.66
cm188	44 21.43	-115 12.60	6675.0	979950.10	980560.88	4.99	-227.67	-1.52	16.70	-207.49	-201.61
cm189	44 2.45	-115 8.90	9193.0	979745.07	980532.26	24.12	-313.55	-1.33	76.84	-213.92	-206.30
cm190	44 5.39	-115 11.25	8123.0	979829.53	980536.69	7.53	-277.05	-1.46	56.36	-214.63	-207.52
cm191	44 4.32	-115 3.07	8646.0	979787.72	980535.08	10.21	-294.89	-1.41	65.29	-220.80	-213.30
cm192	44 0.86	-115 5.41	7858.0	979836.07	980529.86	8.77	-268.01	-1.48	44.83	-215.89	-209.06
cm193	44 10.26	-115 6.51	9151.0	979760.06	980544.03	23.63	-312.11	-1.34	76.10	-213.71	-206.12
cm194	44 8.80	-115 1.98	8379.0	979816.72	980541.83	8.80	-285.78	-1.44	62.45	-215.97	-208.67
cm195	44 4.93	-115 6.31	8042.0	979829.91	980535.99	9.87	-274.29	-1.47	49.82	-216.06	-209.09
cm196	44 12.83	-115 8.06	8127.0	979842.30	980547.91	8.09	-277.19	-1.46	58.28	-212.28	-205.19
cm197	44 9.46	-114 59.16	7718.0	979855.57	980542.82	8.06	-263.24	-1.49	38.21	-218.46	-211.73
cm198	44 0.50	-114 40.31	10519.0	979650.99	980529.31	24.41	-358.77	-1.06	110.23	-225.20	-216.40
cm199	44 1.93	-114 42.43	9702.0	979706.67	980531.47	13.69	-330.91	-1.24	87.03	-231.43	-223.08
cm200	44 5.11	-114 40.40	10132.0	979680.79	980536.27	21.86	-345.57	-1.15	96.73	-228.13	-219.62

STATION IDENTIFICATION	L O C A T I O N S	G R A V I T Y	C O R R E C T I O N S	A N O M A L I E S	SPEC
proj sta-id	LATITUDE LONGITUDE	OBSERVED THEORETICAL	TERRAIN BOUGUER CURV	FREE COMPLETE-BOUGUER	FIELDS
	deg min deg min			AIR	d1=2.67 d2=2.60
	ELE (in ft)				
cm201	44 11.99 -115 0.29	979917.18	3.61	0.74	-225.82 -219.88
cm202	44 10.75 -114 50.71	979768.49	11.62	68.30	-227.93 -220.16
cm203	44 9.48 -114 46.41	979737.79	16.03	78.30	-227.54 -219.52
cm204	44 8.87 -114 40.07	979783.26	6.79	74.63	-222.35 -214.57
cm205	44 11.03 -114 39.07	979766.87	9.92	83.82	-220.46 -212.48
cm206	44 13.42 -114 42.04	979887.41	9.41	20.12	-219.26 -212.99
cm207	44 12.20 -114 31.85	979841.53	6.63	56.02	-215.11 -208.01
cm208	44 12.15 -114 25.64	979825.81	7.43	60.48	-217.13 -209.86
cm209	44 6.85 -114 36.56	979714.26	10.60	103.53	-223.91 -215.33
cm210	44 5.32 -114 32.61	979712.29	11.94	91.76	-229.97 -221.54
cm211	44 1.72 -114 32.61	979695.04	17.08	95.43	-226.76 -218.31
cm212	44 8.79 -114 35.41	979686.26	17.23	115.43	-220.84 -212.02
cm213	44 18.55 -114 55.51	979839.41	6.55	50.15	-223.17 -216.01
cm214	44 25.22 -115 18.11	979975.25	2.30	7.10	-209.24 -203.57
cm215	44 29.44 -115 21.49	979902.91	5.32	49.41	-207.82 -201.08
cm216	44 28.70 -115 16.46	979822.21	16.63	72.12	-210.84 -203.42
cm217	44 28.53 -115 27.52	979973.53	1.98	14.39	-207.36 -201.54
cm218	44 22.86 -115 27.15	980563.03	2.87	35.72	-209.92 -203.48
cm219	44 19.31 -115 28.51	979935.48	2.23	17.01	-206.94 -201.07
cm220	44 17.98 -115 24.57	979896.74	4.72	44.74	-207.37 -200.76
cm221	44 15.07 -115 24.27	979808.40	15.87	76.89	-206.11 -198.69
cm222	44 19.80 -115 17.24	979800.65	15.96	76.47	-211.68 -204.12
cm223	44 15.73 -115 17.18	979834.50	13.14	64.33	-207.77 -200.64
cm224	44 17.57 -115 21.71	979838.62	9.16	66.52	-209.87 -202.63
cm225	44 21.18 -115 21.71	979824.11	14.56	70.80	-208.96 -201.63
cm226	44 20.92 -115 20.79	980560.10	13.52	76.34	-208.81 -201.34
cm227	44 14.10 -115 21.67	979827.93	12.93	66.80	-207.90 -200.70
cm228	44 12.09 -115 17.11	979827.54	21.34	54.87	-206.14 -199.30
cm229	44 10.04 -115 21.20	979848.76	20.65	44.90	-204.39 -197.85
cm230	44 14.27 -115 28.24	979874.96	8.83	50.73	-205.31 -198.60
cm231	44 12.32 -115 30.81	980007.25	6.67	-18.97	-202.75 -197.94
cm232	44 13.70 -115 36.60	979916.71	8.60	36.03	-199.46 -193.28
cm233	44 8.57 -115 29.70	979874.04	12.64	53.14	-197.18 -190.62
cm234	44 10.75 -115 26.70	979853.17	13.65	56.98	-202.47 -195.67
cm235	44 3.76 -115 23.64	979858.83	10.47	54.76	-201.20 -194.49
cm236	44 6.15 -115 15.76	979798.08	16.93	72.42	-206.78 -199.46
cm237	44 5.22 -115 20.62	979838.05	21.45	48.12	-202.78 -196.20
cm238	44 1.09 -115 28.52	979971.12	4.59	4.12	-197.12 -191.85
cm240	44 1.55 -115 41.08	979903.13	12.43	48.66	-185.86 -179.71
cm241	44 10.31 -115 40.03	980014.87	7.28	-10.48	-192.87 -188.09

BOUGUER GRAVITY DATA

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STATION IDENTIFICATION proj sta-id	L O C A T I O N S		E L E (in ft)	O B S E R V E D	T H E O R E T I C A L	T E R R A I N		C O R R E C T I O N S		S P E C I A L	A N O M A L I E S		
	L A T I T U D E deg min	L O N G I T U D E deg min				O B S E R V E D	T H E O R E T I C A L	T E R R A I N	B O U G U E R C U R V		S P E C I A L	F R E E A I R	C O M P L E T E - B O U G U E R d1=2.67 d2=2.60 FIELDS
cm242	44 9.98	-115 16.24	4780.5	980045.02	980543.61	10.66	-163.05	-1.38	0.00	0.00	-49.14	-202.91	-198.88
cm243	44 8.19	-115 19.32	4581.0	980052.82	980540.91	12.69	-156.24	-1.36	0.00	0.00	-57.39	-202.30	-198.50
cm244	44 7.10	-115 24.76	4335.0	980072.28	980539.27	8.97	-147.85	-1.32	0.00	0.00	-59.41	-199.61	-195.94
cm245	44 5.40	-115 28.99	4242.0	980077.27	980536.70	8.99	-144.68	-1.30	0.00	0.00	-60.60	-197.59	-194.00
cm246	44 7.73	-115 34.77	4470.0	980071.39	980540.22	8.63	-152.46	-1.34	0.00	0.00	-48.56	-193.73	-189.92
cm247	44 10.07	-115 33.74	4934.0	980043.61	980543.74	8.27	-168.28	-1.40	0.00	0.00	-36.26	-197.68	-193.45
cm248	44 8.21	-115 43.73	6203.0	979982.12	980540.94	5.59	-211.57	-1.51	0.00	0.00	24.30	-183.18	-177.74
cm249	44 9.74	-115 43.06	7285.0	979912.07	980543.24	8.92	-248.47	-1.51	0.00	0.00	53.61	-187.45	-181.13
cm250	44 11.22	-115 42.44	7090.0	979926.08	980545.48	6.22	-241.82	-1.51	0.00	0.00	47.06	-190.05	-183.83
cm251	44 12.53	-115 42.66	5708.0	980009.95	980547.45	8.19	-194.68	-1.48	0.00	0.00	-0.89	-188.86	-183.93
cm254	44 4.34	-115 32.44	3971.0	980093.32	980535.10	12.27	-135.44	-1.25	0.00	0.00	-68.42	-192.85	-189.59
cm255	44 36.94	-114 55.50	8260.0	979864.05	980584.27	9.51	-281.73	-1.45	0.00	0.00	56.16	-217.51	-210.33
cm256	44 36.00	-114 59.43	8525.0	979851.76	980582.84	9.39	-290.76	-1.42	0.00	0.00	70.18	-212.62	-205.20
cm257	44 39.52	-114 57.13	9121.0	979801.61	980588.16	23.46	-311.09	-1.34	0.00	0.00	70.70	-218.27	-210.70
cm258	44 40.41	-114 53.09	7020.0	979944.53	980589.50	12.58	-239.43	-1.52	0.00	0.00	14.91	-213.45	-207.47
cm259	44 41.42	-114 58.83	8358.0	979856.91	980591.02	18.33	-285.07	-1.44	0.00	0.00	51.47	-216.71	-209.67
cm260	44 43.27	-115 0.35	4409.0	980107.54	980593.81	12.48	-150.38	-1.33	0.00	0.00	-71.75	-210.98	-207.33
cm261	44 31.08	-115 2.42	8647.0	979827.91	980575.42	13.57	-294.92	-1.41	0.00	0.00	65.22	-217.54	-210.13
cm262	44 34.06	-115 6.98	7665.0	979900.08	980579.92	8.25	-261.43	-1.49	0.00	0.00	40.64	-214.04	-207.36
cm263	44 32.55	-115 12.10	8504.0	979839.38	980577.64	14.62	-290.05	-1.42	0.00	0.00	61.03	-215.81	-208.56
cm264	44 36.78	-115 10.63	8632.0	979839.05	980584.02	23.16	-294.41	-1.41	0.00	0.00	66.34	-206.32	-199.17
cm265	44 38.67	-115 5.91	6891.0	979963.50	980586.88	4.72	-235.03	-1.52	0.00	0.00	24.39	-207.44	-201.36
cm266	44 51.68	-115 11.26	9468.0	979792.88	980606.50	27.95	-322.93	-1.28	0.00	0.00	76.22	-220.04	-212.27
cm267	44 49.31	-115 10.88	6793.0	979975.52	980602.92	11.36	-231.69	-1.52	0.00	0.00	11.15	-210.70	-204.88
cm268	44 46.68	-115 12.48	9172.0	979822.22	980598.95	20.18	-312.83	-1.33	0.00	0.00	85.30	-208.69	-200.98
cm269	44 47.09	-115 2.19	8295.0	979870.98	980599.57	19.51	-282.92	-1.44	0.00	0.00	51.07	-213.78	-206.84
cm270	44 31.80	-115 28.36	8092.0	979875.73	980576.51	9.93	-275.99	-1.46	0.00	0.00	59.81	-207.71	-200.70
cm271	44 34.74	-115 26.29	8152.0	979873.56	980580.95	8.70	-278.04	-1.46	0.00	0.00	58.84	-211.95	-204.85
cm272	44 33.00	-115 18.33	5634.0	980017.59	980578.32	5.53	-192.16	-1.47	0.00	0.00	-31.08	-219.18	-214.25
cm273	44 35.63	-115 20.30	8128.0	979869.74	980582.29	13.60	-277.22	-1.46	0.00	0.00	51.43	-213.66	-206.71
cm274	44 37.09	-115 16.45	6794.0	979955.32	980584.49	13.51	-231.72	-1.52	0.00	0.00	9.48	-210.25	-204.49
cm275	44 44.68	-115 11.24	8228.0	979979.38	980595.94	18.99	-280.63	-1.45	0.00	0.00	56.81	-206.29	-199.39
cm276	44 42.38	-115 10.07	7549.0	979919.35	980592.47	17.45	-257.48	-1.50	0.00	0.00	36.46	-205.06	-198.73
cm277	44 46.96	-115 6.28	6203.0	980009.99	980599.38	7.80	-211.57	-1.51	0.00	0.00	-6.27	-211.54	-206.16
cm278	44 49.79	-115 3.93	8806.0	979825.07	980603.65	30.28	-300.35	-1.39	0.00	0.00	49.08	-222.37	-215.26
cm279	44 51.50	-115 0.57	7341.0	979927.92	980606.23	16.21	-250.38	-1.51	0.00	0.00	11.73	-223.95	-217.77
cm280	44 39.90	-115 1.33	8453.0	979848.31	980588.73	21.90	-288.31	-1.43	0.00	0.00	54.08	-213.75	-206.73
cm281	44 35.60	-115 2.78	8213.0	979867.81	980582.24	14.79	-280.12	-1.45	0.00	0.00	57.53	-209.26	-202.26
cm282	44 22.09	-115 6.99	6640.0	979947.38	980561.87	1.26	-226.47	-1.52	0.00	0.00	9.70	-217.03	-211.09
cm283	44 20.84	-115 5.98	6655.0	979945.40	980559.98	2.41	-226.98	-1.52	0.00	0.00	11.01	-215.08	-209.16

STATION IDENTIFICATION proj	L LATITUDE deg	C LONGITUDE deg	A TIME min	I ELE (in ft)	ST	G GRAVITY OBSERVED	T THEORETICAL	T TERRAIN	C CORRECTION	S SPECIAL	F FREE AIR	A ANOMALIES COMPLETE-BOUGUER d1=2.67 d2=2.60	S SPEC FIELDS
cm284	44 16.24	-114 55.44	7042.0			979906.41	980553.05	1.85	-240.18	0.00	15.32	-224.53	-218.24
cm285	44 17.08	-114 53.10	7200.0			979897.27	980554.31	4.18	-245.57	0.00	19.76	-223.15	-216.78
cm287	44 16.93	-114 52.35	7175.0			979899.83	980554.09	4.90	-244.72	0.00	20.19	-221.14	-214.81
cm288	44 15.83	-114 49.05	6065.0			979960.65	980552.43	8.32	-206.86	0.00	-21.63	-221.66	-216.42
cm289	44 54.13	-115 12.08	8590.0			979862.58	980610.20	15.32	-292.98	0.00	59.75	-219.32	-212.01
cm290	44 53.37	-115 8.85	9052.0			979819.58	980609.05	24.59	-308.74	0.00	61.29	-224.21	-216.72
cm291	44 54.73	-115 1.90	7462.0			979932.48	980611.10	12.57	-254.51	0.00	22.79	-220.65	-214.27
cm292	44 57.92	-115 1.08	7632.0			979924.23	980615.91	12.43	-260.31	0.00	25.69	-223.67	-217.14
cm293	44 59.85	-115 5.48	8025.0			979898.53	980618.82	12.97	-273.71	0.00	34.00	-228.21	-221.53
cm294	44 56.82	-115 7.62	8528.0			979862.82	980614.25	14.63	-290.87	0.00	50.11	-227.55	-220.27
cm295	44 59.74	-115 9.95	7481.0			979936.42	980618.66	12.80	-255.16	0.00	20.95	-222.91	-216.51
cm296	44 56.52	-115 10.60	7335.0			979945.36	980613.80	9.49	-250.18	0.00	21.03	-221.16	-214.81
cm297	44 43.42	-115 16.65	8286.0			979875.41	980594.04	17.62	-282.61	0.00	60.19	-206.25	-199.26
cm298	44 43.95	-115 21.09	9113.0			979818.88	980594.84	22.03	-310.82	0.00	80.54	-209.59	-201.99
cm299	44 40.90	-115 22.02	7117.0			979946.48	980590.23	9.57	-242.74	0.00	25.24	-209.44	-203.29
cm300	44 43.40	-115 24.40	7812.0			979912.76	980594.01	6.07	-266.45	0.00	53.04	-208.82	-201.96
cm301	44 43.40	-115 28.10	7221.0			979950.95	980594.01	3.16	-246.29	0.00	35.71	-208.93	-202.52
cm304	44 16.38	-115 57.33	5848.0			980018.73	980553.26	5.75	-199.46	0.00	15.24	-179.96	-174.84
cm305	44 10.44	-115 53.07	4960.0			980065.70	980544.30	4.75	-169.17	0.00	-12.28	-178.11	-173.76
cm306	44 7.18	-115 55.09	4462.0			980092.61	980539.38	5.61	-152.19	0.00	-27.27	-175.18	-171.30
cm307	44 1.90	-115 53.30	5148.0			980046.16	980531.43	12.45	-175.58	0.00	-1.28	-165.84	-161.53
cm308	44 1.79	-115 54.65	4240.0			980108.48	980531.26	3.85	-144.61	0.00	-24.13	-166.20	-162.47
cm309	44 1.43	-115 50.43	5099.0			980045.84	980530.72	9.01	-173.91	0.00	-5.49	-171.82	-167.46
cm310	44 0.60	-115 46.51	7344.0			979901.82	980529.47	13.97	-250.48	0.00	62.68	-175.34	-169.10
cm312	44 6.45	-115 49.80	5845.0			980002.77	980538.29	10.88	-199.36	0.00	13.97	-175.99	-171.01
cm313	44 10.90	-115 47.28	8215.0			979845.55	980544.99	25.28	-280.19	0.00	72.70	-183.66	-176.94
cm314	44 7.92	-115 46.70	6840.0			979936.21	980540.50	15.08	-233.29	0.00	38.68	-181.05	-175.28
cm315	44 14.05	-115 46.90	8086.0			979859.71	980549.74	20.86	-275.79	0.00	70.00	-186.39	-179.67
cm316	44 15.77	-115 45.76	8130.0			979857.73	980552.34	16.24	-277.29	0.00	69.56	-192.95	-186.06
cm317	44 23.82	-115 49.73	4349.0			980103.44	980564.48	5.68	-148.33	0.00	-52.15	-196.12	-192.35
cm318	44 25.12	-115 47.10	5891.0			980008.12	980566.44	8.05	-200.93	0.00	-4.52	-198.88	-193.79
cm319	44 28.92	-115 46.15	7225.0			979927.27	980572.16	12.31	-246.42	0.00	34.25	-201.38	-195.20
cm320	44 26.55	-115 52.11	7752.0			979895.17	980568.59	15.40	-264.40	0.00	55.23	-195.25	-188.69
cm321	44 29.41	-115 52.45	6550.0			979980.62	980572.91	6.13	-223.40	0.00	23.43	-195.35	-189.62
cm322	44 26.80	-115 58.73	4847.0			980095.75	980568.97	1.20	-165.32	0.00	-17.53	-183.04	-178.70
cm324	44 25.50	-115 58.71	4837.0			980096.62	980567.01	1.63	-164.98	0.00	-15.64	-180.38	-176.06
cm326	44 40.09	-115 52.58	6641.0			979990.24	980589.02	6.94	-226.51	0.00	25.50	-195.58	-189.79
cm327	44 40.29	-115 49.07	7982.0			979895.04	980589.31	13.79	-272.24	0.00	55.98	-203.95	-197.13
cm328	44 32.04	-115 48.50	7425.0			979922.41	980576.88	10.77	-253.25	0.00	43.47	-200.51	-194.11
cm329	44 35.11	-115 43.74	7543.0			979911.31	980581.50	15.37	-257.27	0.00	38.83	-204.57	-198.19

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STATION IDENTIFICATION	proj	sta-id	L O C A T I O N S		E L E ELE (in ft)	O B S E R V E D	T H E O R E T I C A L	C O R R E C T I O N S		F R E E AIR	A N O M A L I E S			
			L A T I T U D E deg min.	L O N G I T U D E deg min				T E R R A I N BOUGUER CURV	S P E C I A L		C O M P L E T E - B O U G U E R d1=2.67 d2=2.60	S P E C F I E L D S		
cm330			44 24.80	-115 43.00	7675.0	979893.85	980565.95	13.85	-261.77	-1.49	0.00	49.32	-200.10	-193.56
cm331			44 21.49	-115 41.18	6950.0	979938.03	980560.96	9.24	-237.04	-1.52	0.00	30.38	-198.94	-192.93
cm332			44 18.22	-115 44.73	8169.0	979852.20	980556.03	21.48	-278.62	-1.46	0.00	64.00	-194.60	-187.82
cm333			44 16.39	-115 42.00	7238.0	979913.63	980553.27	14.62	-246.87	-1.51	0.00	40.73	-193.03	-186.90
cm334			44 15.98	-115 37.30	6503.0	979958.60	980552.66	6.97	-221.80	-1.51	0.00	17.26	-199.09	-193.41
cm335			44 17.25	-115 31.80	8374.0	979832.58	980554.57	15.59	-285.61	-1.44	0.00	65.10	-206.36	-199.24
cm336			44 19.33	-115 34.95	6671.0	979948.76	980557.70	4.60	-227.53	-1.52	0.00	18.15	-206.30	-200.41
cm337			44 21.62	-115 31.82	7572.0	979895.93	980561.16	6.09	-258.26	-1.50	0.00	46.52	-207.15	-200.50
cm338			44 26.61	-115 31.10	8203.0	979858.73	980568.69	15.08	-279.78	-1.45	0.00	61.07	-205.08	-198.11
cm339			44 28.08	-115 37.75	7802.0	979893.26	980570.90	10.24	-266.10	-1.48	0.00	55.71	-201.64	-194.89
cm340			44 30.40	-115 37.60	8696.0	979835.91	980574.40	19.04	-296.60	-1.40	0.00	78.84	-200.11	-192.80
cm341			44 33.33	-115 35.95	8727.0	979836.16	980578.82	13.94	-297.65	-1.40	0.00	77.59	-207.52	-200.05
cm342			44 44.71	-115 55.60	6280.0	980026.89	980595.98	6.44	-214.19	-1.51	0.00	21.26	-188.00	-182.52
cm343			44 42.42	-115 51.90	6636.0	979992.64	980592.53	5.84	-226.33	-1.52	0.00	23.91	-198.10	-192.28
cm344			44 44.35	-115 48.10	8306.0	979880.01	980595.44	17.92	-283.29	-1.44	0.00	65.26	-201.56	-194.56
cm345			44 42.40	-115 44.89	6495.0	979993.77	980592.50	4.14	-221.53	-1.51	0.00	11.83	-207.07	-201.33
cm346			44 43.97	-115 38.31	8652.0	979845.39	980594.87	24.35	-295.09	-1.40	0.00	63.72	-208.43	-201.30
cm347			44 39.95	-115 35.70	7356.0	979934.51	980588.80	3.64	-250.89	-1.51	0.00	37.15	-211.61	-205.09
cm348			44 37.17	-115 35.70	8450.0	979853.71	980584.61	14.77	-288.21	-1.43	0.00	63.32	-211.54	-204.34
cm349			44 49.02	-115 32.02	7046.0	979970.83	980602.48	7.41	-240.32	-1.51	0.00	30.66	-203.76	-197.61
cm350			44 48.59	-115 26.61	8370.0	979889.60	980601.84	9.56	-285.48	-1.44	0.00	74.47	-202.88	-195.61
cm351			44 45.84	-115 25.40	8777.0	979852.25	980597.69	14.81	-299.36	-1.39	0.00	79.49	-206.44	-198.95
cm352			44 50.24	-115 22.70	8712.0	979868.43	980604.33	12.72	-297.14	-1.40	0.00	82.93	-202.89	-195.39
cm353			44 46.60	-115 19.78	7963.0	979900.76	980598.84	14.43	-271.59	-1.47	0.00	50.39	-208.25	-201.46
cm354			44 47.62	-115 16.22	8925.0	979840.30	980600.38	19.62	-304.41	-1.37	0.00	78.76	-207.40	-199.90
cm355			44 49.50	-115 16.88	8554.0	979866.45	980603.21	19.55	-291.75	-1.42	0.00	67.23	-206.39	-199.22
cm356			44 52.13	-115 16.60	8356.0	979890.86	980607.18	11.24	-285.00	-1.44	0.00	69.07	-206.13	-198.91
cm357			44 53.89	-115 20.11	6539.0	980007.21	980609.83	6.24	-223.03	-1.51	0.00	12.06	-206.24	-200.51
cm358			44 55.65	-115 19.25	7540.0	979945.00	980612.48	9.98	-257.17	-1.50	0.00	41.24	-207.44	-200.92
cm359			44 55.60	-115 15.37	8887.0	979850.52	980612.41	18.87	-303.11	-1.37	0.00	73.37	-212.24	-204.75
cm360			44 51.22	-115 54.40	7238.0	979981.43	980605.80	6.20	-246.87	-1.51	0.00	55.98	-186.19	-179.85
cm361			44 54.87	-115 54.70	7066.0	979994.10	980611.31	11.10	-241.00	-1.51	0.00	46.99	-184.43	-178.36
cm362			44 49.22	-115 47.30	8724.0	979855.40	980602.79	26.96	-297.55	-1.40	0.00	72.57	-199.42	-192.29
cm363			44 52.05	-115 38.20	7630.0	979939.86	980607.05	10.05	-260.24	-1.49	0.00	49.99	-201.69	-195.10
cm364			44 53.05	-115 35.00	6108.0	980029.49	980608.56	10.24	-208.33	-1.50	0.00	-4.89	-204.47	-199.24
cm365			44 56.33	-115 33.74	7302.0	979953.85	980613.51	19.62	-249.05	-1.51	0.00	26.71	-204.23	-198.17
cm366			44 55.45	-115 24.18	8324.0	979892.73	980612.19	11.85	-283.91	-1.44	0.00	62.93	-210.57	-203.40
cm367			44 58.96	-115 23.51	8128.0	979907.32	980617.48	16.42	-277.22	-1.46	0.00	53.81	-208.46	-201.58
cm368			44 58.32	-115 18.89	8778.0	979867.69	980616.52	16.78	-299.39	-1.39	0.00	76.19	-207.81	-200.36
cm369			44 59.30	-115 33.37	7538.0	979953.69	980617.99	6.96	-257.10	-1.50	0.00	44.23	-207.40	-200.81

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STATION IDENTIFICATION proj sta-id	L O C A T I O N S LATITUDE deg min	L O C A T I O N S LONGITUDE deg min	ELE ST (in ft)	G R A V I T Y OBSERVED	TERRAIN BOUGUER CURV	C O R R E C T I O N S SPECIAL	F R E E A I R	A N O M A L I E S COMPLETE-BOUGUER d1=d2=2.60 FIELDS	SPEC FIELDS			
cm370	44 57.95	-115 36.63	7558.0	979941.13	980615.95	22.39	-257.78	-1.50	0.00	35.60	-201.29	-195.08
cm371	44 56.55	-115 40.52	6906.0	979987.54	980613.84	13.26	-235.54	-1.52	0.00	22.86	-200.94	-195.07
cm372	44 59.15	-115 41.48	6346.0	980019.43	980617.77	16.10	-216.44	-1.51	0.00	-1.79	-203.64	-198.35
cm373	44 58.14	-115 45.20	5839.0	980059.22	980616.24	9.60	-199.15	-1.49	0.00	-8.11	-199.15	-194.14
cm374	44 54.39	-115 48.08	6125.0	980039.28	980610.59	9.22	-208.91	-1.50	0.00	4.48	-196.71	-191.43
cm375	44 58.50	-115 52.70	8737.0	979878.39	980616.78	28.14	-297.99	-1.39	0.00	82.78	-188.47	-181.36
cm376	44 57.59	-115 55.92	7445.0	979979.66	980615.41	9.72	-253.93	-1.50	0.00	64.06	-181.65	-175.21
cm377	44 59.20	-115 58.78	7941.0	979956.72	980617.84	13.80	-270.84	-1.47	0.00	85.28	-173.24	-166.46
cm378	44 54.23	-115 58.80	5334.0	980109.11	980610.34	7.13	-181.93	-1.45	0.00	0.22	-176.03	-171.40
cm379	44 53.01	-115 43.59	7756.0	979893.41	980578.34	13.27	-264.53	-1.49	0.00	44.11	-208.65	-202.02
cm380	44 24.58	-115 38.85	7605.0	979896.45	980565.63	10.93	-259.38	-1.50	0.00	45.67	-204.28	-197.72
cm381	44 18.12	-115 47.88	7250.0	979911.24	980555.88	17.99	-247.28	-1.51	0.00	36.86	-193.94	-187.89
cm382	44 18.25	-115 53.61	5525.0	980032.23	980556.08	6.91	-188.44	-1.46	0.00	-4.43	-187.43	-182.63
cm383	44 47.13	-115 58.22	5295.0	980103.36	980599.63	2.26	-180.60	-1.44	0.00	1.52	-178.26	-173.55
cm384	44 45.67	-115 54.02	5704.0	980060.43	980597.43	2.24	-194.55	-1.48	0.00	-0.78	-194.56	-189.48
cm385	44 47.28	-115 55.95	5524.0	980080.63	980599.86	2.05	-188.41	-1.46	0.00	0.08	-187.74	-182.81
cm388	44 35.30	-115 52.16	5223.0	980068.48	980581.79	5.38	-178.14	-1.44	0.00	-22.28	-196.48	-191.91
cm389	44 40.88	-115 41.50	5184.0	980065.00	980590.20	3.93	-176.81	-1.43	0.00	-37.85	-212.16	-207.59
cm390	44 39.84	-115 41.23	5192.0	980064.03	980588.64	3.27	-177.08	-1.43	0.00	-36.50	-211.74	-207.15
cm391	44 43.46	-115 41.13	5075.0	980073.86	980594.10	9.18	-173.09	-1.42	0.00	-43.12	-208.46	-204.12
cm392	44 45.94	-115 40.80	4863.0	980091.81	980597.84	11.29	-165.86	-1.39	0.00	-48.84	-204.80	-200.71
cm393	44 48.06	-115 41.68	4817.0	980098.90	980601.04	11.83	-164.29	-1.39	0.00	-49.27	-203.12	-199.09
cm394	44 51.78	-115 41.45	4191.0	980145.34	980606.65	10.91	-142.94	-1.29	0.00	-67.27	-200.60	-197.10
cm395	44 53.04	-115 42.26	4124.0	980153.75	980608.55	7.99	-140.66	-1.28	0.00	-67.06	-201.01	-197.50
cm396	44 53.96	-115 42.88	3956.0	980163.71	980609.94	9.05	-134.93	-1.25	0.00	-74.28	-201.41	-198.08
cm397	44 55.33	-115 44.11	3882.0	980168.97	980612.00	10.05	-132.40	-1.24	0.00	-78.05	-201.64	-198.40
cm398	44 57.04	-115 44.08	3856.0	980171.91	980614.59	11.11	-131.52	-1.23	0.00	-80.13	-201.76	-198.58
cm399	44 57.57	-115 47.77	6594.0	979983.83	980585.21	3.64	-224.90	-1.52	0.00	18.47	-204.31	-198.47
cm400	44 35.17	-115 40.61	5382.0	980045.89	980581.59	3.93	-183.56	-1.45	0.00	-29.74	-210.82	-206.07
cm401	44 31.58	-115 41.55	6060.0	980007.73	980576.18	4.70	-206.69	-1.50	0.00	1.24	-202.25	-196.92
cm402	44 27.96	-115 42.72	7491.0	979880.40	980570.72	14.97	-269.48	-1.48	0.00	52.33	-203.66	-196.95
cm403	44 28.34	-115 42.45	7900.0	979918.23	980571.30	6.85	-255.46	-1.50	0.00	50.98	-199.13	-192.58
cm404	44 57.25	-115 33.33	4490.0	980123.29	980614.90	16.96	-153.14	-1.34	0.00	-69.48	-207.00	-203.39
cm405	44 57.79	-115 30.04	4652.0	980118.07	980615.71	12.71	-158.67	-1.37	0.00	-50.28	-207.61	-203.74
cm406	44 57.68	-115 28.45	5019.0	980094.56	980615.55	13.46	-171.18	-1.41	0.00	-49.14	-208.27	-204.10
cm407	44 57.75	-115 27.54	5050.0	980090.54	980615.66	15.96	-172.24	-1.42	0.00	-50.35	-208.05	-203.91
cm408	44 58.20	-115 25.29	5382.0	980071.20	980616.34	13.57	-183.56	-1.45	0.00	-39.17	-210.61	-206.12
cm409	44 59.58	-115 24.53	5884.0	980047.59	980618.41	10.71	-200.69	-1.49	0.00	-17.68	-209.15	-204.13
cm410	44 55.46	-115 28.86	4856.0	980098.02	980612.20	14.62	-165.62	-1.39	0.00	-57.64	-210.04	-206.05
cm411	44 51.14	-115 30.47	5084.0	980080.36	980605.68	16.28	-173.40	-1.42	0.00	-47.36	-205.90	-201.75

BOUGUER GRAVITY DATA

STATION IDENTIFICATION proj sta-id	L O C A T I O N S		E L E M E N T (in ft)	O B S E R V E D	T H E O R E T I C A L	C O R R E C T I O N S		S P E C I A L	F R E E A I R	A N O M A L I E S		
	L A T I T U D E deg min	L O N G I T U D E deg min				T E R R A I N	B O U G U E R C U R V			C O M P L E T E - B O U G U E R d1=2.67 d2=2.60 FIELDS	S P E C F I E L D S	
cm412	44 46.72	-115 32.43	5832.0	980040.01	980599.02	6.29	-198.91	-1.49	0.00	-10.76	-204.86	-199.78
cm413	44 41.18	-115 32.65	6578.0	979985.62	980590.66	2.90	-224.36	-1.52	0.00	13.31	-209.66	-203.82
cm414	44 39.16	-115 32.52	6617.0	979978.71	980587.61	2.14	-225.69	-1.52	0.00	13.11	-211.95	-206.05
cm415	44 6.81	-115 58.12	3021.0	980182.21	980538.83	4.10	-103.04	-1.05	0.00	-72.56	-172.55	-169.92
cm416	44 18.19	-115 50.51	5019.0	980061.15	980555.98	4.98	-171.18	-1.41	0.00	-22.98	-190.60	-186.20
cm417	44 19.87	-115 48.19	4488.0	980090.84	980558.52	5.14	-153.07	-1.34	0.00	-45.73	-195.00	-191.09
cm418	44 21.68	-115 46.51	4644.0	980081.59	980561.25	5.44	-158.39	-1.36	0.00	-43.04	-197.36	-193.32
cm419	44 21.47	-115 51.57	4014.0	980122.38	980560.93	6.01	-136.91	-1.26	0.00	-61.15	-193.31	-189.84
cm420	44 11.09	-115 57.33	3152.0	980174.55	980545.28	4.95	-107.51	-1.08	0.00	-74.36	-178.00	-175.28
cm421	44 0.86	-115 57.76	3820.0	980137.06	980529.86	6.26	-130.29	-1.23	0.00	-33.63	-158.88	-155.60
cm422	44 1.78	-115 57.68	3643.0	980148.42	980531.24	5.85	-124.25	-1.19	0.00	-40.29	-159.89	-156.75
cm423	44 4.12	-115 56.71	3094.0	980180.19	980534.77	4.14	-105.53	-1.07	0.00	-63.66	-166.12	-163.43
cm424	44 3.30	-115 54.41	3114.0	980171.41	980533.54	6.01	-106.21	-1.07	0.00	-69.32	-170.59	-167.94
cm426	44 4.65	-115 47.10	3405.0	980145.44	980535.57	9.94	-116.13	-1.14	0.00	-69.98	-177.51	-174.50
cm427	44 4.29	-115 45.54	3377.0	980140.57	980535.03	14.98	-115.18	-1.13	0.00	-76.93	-178.27	-175.61
cm429	44 1.24	-115 36.41	5698.0	979999.31	980530.43	2.77	-194.34	-1.48	0.00	4.55	-188.50	-183.44
cm430	44 2.44	-115 35.78	6372.0	979952.67	980532.24	7.84	-217.33	-1.51	0.00	19.44	-191.56	-186.03
cm431	44 2.28	-115 34.30	6500.0	979946.52	980532.00	5.66	-221.70	-1.51	0.00	25.56	-191.99	-186.29
cm432	44 1.61	-115 31.93	5953.0	979978.82	980530.99	3.63	-203.04	-1.49	0.00	7.46	-193.44	-188.17
sr102	44 38.48	-114 6.98	4733.0	980084.92	980586.59	5.54	-161.43	-1.38	0.00	-56.69	-213.96	-209.83
sr114	44 25.25	-114 7.28	5417.0	980024.14	980566.63	2.42	-184.76	-1.45	0.00	-33.23	-217.03	-212.21
cm501	44 31.53	-114 26.78	8570.0	979829.64	980576.10	14.41	-292.30	-1.41	0.00	59.03	-220.27	-212.95
cm502	44 31.16	-114 31.55	7889.0	979862.05	980575.55	3.49	-269.07	-1.48	0.00	28.02	-239.04	-232.03
cm503	44 34.83	-114 30.56	9606.0	979749.81	980581.08	18.87	-327.63	-1.26	0.00	71.53	-238.49	-230.36
cm504	44 33.75	-114 33.16	8574.0	979814.67	980579.45	10.20	-292.43	-1.41	0.00	41.09	-242.56	-235.12
cm505	44 32.28	-114 34.36	9705.0	979728.68	980577.23	21.71	-331.01	-1.24	0.00	63.54	-247.00	-238.86
cm079r	44 30.82	-114 34.37	8754.0	979795.96	980575.03	6.28	-298.57	-1.39	0.00	43.71	-249.98	-242.28
cm506	44 27.97	-114 37.98	9410.0	979756.73	980570.73	14.70	-320.95	-1.29	0.00	70.39	-237.15	-229.09
cm507	44 21.80	-114 41.70	9326.0	979753.64	980561.43	25.84	-318.08	-1.31	0.00	68.71	-224.84	-217.14
cm508	44 18.67	-114 40.29	8785.0	979793.89	980556.71	11.86	-299.63	-1.39	0.00	62.87	-226.29	-218.70
cm509	44 6.12	-114 14.61	6298.0	979946.63	980537.79	5.46	-214.81	-1.51	0.00	0.89	-209.96	-204.43
cm510	44 5.01	-114 8.31	9166.0	979756.92	980536.12	8.76	-312.63	-1.33	0.00	82.29	-222.91	-214.91
cm511	44 7.05	-114 4.46	7702.0	979862.25	980539.19	3.77	-262.69	-1.49	0.00	47.02	-213.39	-206.56
cm512	44 4.99	-114 2.46	6979.0	979900.94	980536.09	4.02	-238.03	-1.52	0.00	20.89	-214.64	-208.46
cm513	44 4.16	-114 0.20	6776.0	979907.98	980534.84	1.98	-231.11	-1.52	0.00	10.11	-220.53	-214.49
cm514	44 1.59	-114 0.17	6608.0	979916.15	980530.96	2.38	-225.38	-1.52	0.00	6.37	-218.15	-212.26
cm515	44 7.57	-115 13.64	8836.0	979780.70	980539.98	22.13	-301.37	-1.38	0.00	71.22	-209.41	-202.05
cm516	44 4.04	-115 13.14	8485.0	979802.31	980534.66	16.41	-289.40	-1.42	0.00	65.18	-209.23	-202.04
cm517	44 4.78	-115 17.85	7885.0	979845.24	980535.77	13.27	-268.93	-1.48	0.00	50.63	-206.51	-199.77
cm518	44 2.09	-115 17.91	8041.0	979834.93	980531.71	10.14	-274.26	-1.47	0.00	59.03	-206.55	-199.59

STATION IDENTIFICATION proj sta-id	L O C A T I O N S		E L E (in ft)	S T	G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S				
	LATITUDE deg min	LONGITUDE deg min			OBSERVED THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE-BOUGUER d1=2.67 d2=2.60	SPEC FIELDS			
cm519	44	2.17	-115 21.26	8340.0	979814.76	980531.84	16.02	-284.45	-1.44	0.00	66.82	-203.05	-195.98
tm520	43	58.99	-115 19.96	8625.0	979791.85	980527.04	16.07	-294.17	-1.41	0.00	75.48	-204.03	-196.70
tm521	43	57.25	-115 16.33	5692.0	979970.51	980524.41	5.37	-194.14	-1.48	0.00	-18.80	-209.05	-204.06
tm522	43	56.90	-115 11.50	8296.0	979807.63	980523.89	11.27	-282.95	-1.44	0.00	63.51	-209.62	-202.46
tm523	43	54.40	-115 13.74	8042.0	979821.64	980520.13	13.68	-274.29	-1.47	0.00	57.42	-204.65	-197.78
tm524	43	53.47	-115 18.44	8625.0	979785.40	980518.72	19.26	-294.17	-1.41	0.00	77.35	-198.97	-191.73
tm525	43	52.82	-115 21.09	6395.0	979933.46	980517.74	5.73	-218.12	-1.51	0.00	16.89	-197.01	-191.40
tm526	43	56.43	-115 21.39	7810.0	979837.48	980523.18	17.22	-266.38	-1.48	0.00	48.41	-202.23	-195.65
tm527	43	56.44	-115 25.31	6262.0	979945.61	980523.20	7.77	-213.58	-1.51	0.00	11.08	-196.23	-190.80
tm528	43	59.77	-115 23.88	7441.0	979870.46	980528.22	11.60	-253.79	-1.50	0.00	41.69	-202.01	-195.62
cm529	44	1.02	-115 24.28	7855.0	979853.33	980530.10	6.89	-267.91	-1.48	0.00	61.56	-200.94	-194.06
cm530	44	2.50	-115 26.71	7482.0	979875.74	980532.33	9.62	-255.19	-1.50	0.00	46.70	-200.37	-193.89
cm531	44	5.17	-115 25.18	7696.0	979854.37	980536.36	21.85	-262.49	-1.49	0.00	41.41	-200.72	-194.37
cm532	44	8.00	-115 16.15	8266.0	979815.09	980540.63	24.98	-281.93	-1.45	0.00	51.42	-206.98	-200.20
cm533	44	4.48	-115 40.35	4370.0	980080.63	980535.31	7.50	-149.05	-1.32	0.00	-43.82	-186.69	-182.94
cm534	44	29.43	-115 39.27	8393.0	979854.73	980572.94	16.36	-286.26	-1.43	0.00	70.67	-200.67	-193.56
cm535	44	28.57	-115 40.55	8086.0	979874.15	980571.64	13.03	-275.79	-1.46	0.00	62.54	-201.69	-194.76
cm537	44	3.13	-115 25.12	6825.0	979919.17	980533.28	4.29	-232.78	-1.52	0.00	27.46	-202.55	-196.52
cm538	44	4.67	-115 24.76	8124.0	979828.01	980535.60	21.53	-277.09	-1.46	0.00	56.01	-201.00	-194.26
cm539	44	2.34	-115 22.90	6686.0	979924.23	980532.09	5.30	-228.04	-1.52	0.00	20.65	-203.60	-197.73
cm540	43	59.57	-115 15.54	5904.0	979961.51	980527.91	5.01	-201.37	-1.49	0.00	-11.38	-209.23	-204.04
6634	44	0.00	-114 28.84	6625.9	979905.31	980528.56	11.05	-225.99	-1.52	0.00	-0.38	-216.84	-211.17
6635	44	0.05	-114 49.95	6829.7	979877.93	980528.64	2.11	-232.94	-1.52	0.00	-8.70	-241.05	-234.96
6636	44	0.34	-114 48.80	6959.9	979874.48	980529.08	2.45	-237.38	-1.52	0.00	-0.34	-236.79	-230.59
6638	44	0.49	-114 40.30	10519.0	979651.10	980529.30	24.73	-358.77	-1.06	0.00	110.35	-224.75	-215.97
6639	44	0.51	-114 23.09	9463.9	979733.18	980529.33	13.75	-322.79	-1.28	0.00	93.31	-217.01	-208.87
6640	44	0.97	-114 16.75	9551.1	979727.48	980530.02	17.87	-325.76	-1.27	0.00	95.12	-214.04	-205.94
6642	44	1.65	-114 48.26	7054.7	979873.92	980531.05	2.41	-240.62	-1.51	0.00	6.03	-233.70	-227.41
6643	44	1.75	-114 48.78	7020.0	979874.71	980531.20	2.16	-239.43	-1.52	0.00	3.40	-235.39	-229.13
6644	44	1.82	-114 49.94	6771.9	979885.14	980531.30	2.36	-230.97	-1.52	0.00	-9.58	-239.71	-233.68
6645	44	2.13	-114 6.88	9974.0	979695.61	980531.77	18.72	-340.19	-1.19	0.00	101.21	-221.44	-212.98
6647	44	2.53	-114 50.28	6734.9	979889.21	980532.38	2.41	-229.71	-1.52	0.00	-10.06	-238.88	-232.88
6648	44	3.35	-114 50.08	6740.8	979890.93	980533.61	2.45	-229.91	-1.52	0.00	-9.03	-238.00	-232.00
6649	44	3.50	-114 51.79	6674.8	979890.66	980533.84	2.59	-227.66	-1.52	0.00	-15.72	-242.30	-236.36
6650	44	4.03	-114 10.89	9250.9	979750.59	980534.64	15.76	-315.52	-1.32	0.00	85.42	-215.66	-207.77
6653	44	4.58	-114 50.71	6653.8	979897.86	980535.47	3.04	-226.94	-1.52	0.00	-12.12	-237.54	-231.63
6654	44	4.87	-114 52.11	6620.7	979896.70	980535.91	2.79	-225.81	-1.52	0.00	-16.83	-241.37	-235.68
6655	44	5.00	-114 27.02	6210.9	979935.20	980536.10	12.03	-211.84	-1.51	0.00	-17.03	-218.34	-213.06
6657	44	5.13	-114 44.47	8000.0	979827.42	980536.30	2.82	-272.86	-1.47	0.00	43.08	-228.43	-221.31
6660	44	6.01	-114 11.14	6884.8	979903.43	980537.63	8.51	-234.82	-1.52	0.00	12.99	-214.83	-208.86

STATION IDENTIFICATION proj	L O C A T I O N S LATITUDE deg	L O C A T I O N S LONGITUDE deg	L O C A T I O N S ELE (in ft)	ST	G R A V I T Y OBSERVED	T H E O R E T I C A L	T E R R A I N	C O R R E C T I O N S BOUGUER CURV	S P E C I A L	F R E E A I R	A N O M A L I E S COMPLETE-BOUGUER d1=2.67 d2=2.60	S P E C F I E L D S
6662	44 6.52	-114 51.62	6558.7		979909.84	980538.39	3.80	-223.70	0.00	-12.00	-233.41	-227.61
6663	44 6.83	-114 26.30	6159.7		979945.03	980538.86	9.15	-210.09	0.00	-14.77	-217.21	-211.91
6665	44 7.00	-114 47.29	9291.0		979742.82	980539.12	11.74	-316.89	0.00	76.93	-229.53	-221.50
6666	44 7.36	-114 15.44	6296.9		979948.96	980539.66	4.94	-214.77	0.00	1.25	-210.09	-204.55
6667	44 7.51	-114 52.11	6523.9		979914.06	980539.88	4.48	-222.51	0.00	-12.54	-232.09	-226.33
6668	44 7.93	-114 31.21	7220.8		979879.09	980540.52	10.16	-246.28	0.00	17.33	-220.30	-214.07
6669	44 8.05	-114 33.17	8578.7		979798.84	980540.70	6.49	-292.60	0.00	64.47	-223.05	-215.52
6670	44 8.12	-114 34.69	9277.8		979756.67	980540.80	7.15	-316.44	0.00	87.86	-222.75	-214.61
6672	44 8.47	-114 24.41	6005.9		979963.49	980541.33	9.13	-204.84	0.00	-13.24	-210.45	-205.28
6673	44 8.62	-114 55.00	6568.9		979912.43	980541.55	2.81	-224.05	0.00	-11.63	-234.38	-228.54
6675	44 8.79	-114 35.41	10332.0		979686.18	980541.81	17.23	-352.39	0.00	115.36	-220.92	-212.10
6676	44 8.85	-114 22.74	5929.1		979976.97	980541.91	6.84	-202.22	0.00	-7.55	-204.43	-199.26
6680	44 9.19	-114 52.81	6479.9		979920.32	980542.41	4.06	-221.01	0.00	-12.95	-231.42	-225.69
6681	44 9.25	-114 2.74	7529.8		979875.60	980542.51	4.33	-256.82	0.00	40.88	-213.11	-206.45
6682	44 9.32	-114 54.62	6497.7		979920.13	980542.61	2.86	-221.62	0.00	-11.67	-231.94	-226.16
6683	44 9.44	-114 18.04	5778.0		979981.21	980542.80	9.37	-197.07	0.00	-18.40	-207.58	-202.62
6685	44 9.76	-114 10.84	6454.7		979944.24	980543.27	3.86	-220.15	0.00	7.74	-210.07	-204.35
6686	44 9.89	-114 0.79	8306.7		979830.53	980543.47	3.51	-283.32	0.00	67.83	-213.42	-206.05
6689	44 10.27	-114 54.34	6456.6		979925.68	980544.05	4.04	-220.22	0.00	-11.41	-229.10	-223.39
6690	44 11.05	-114 29.13	8777.8		979787.74	980545.22	10.57	-299.39	0.00	67.55	-222.66	-215.05
6691	44 11.19	-114 17.15	5658.0		979994.04	980545.43	7.11	-192.98	0.00	-19.48	-206.83	-201.91
6693	44 11.23	-114 55.72	6331.6		979938.10	980545.49	3.15	-215.95	0.00	-12.18	-226.49	-220.87
6694	44 11.26	-114 0.14	7377.9		979890.18	980545.54	5.04	-251.64	0.00	38.16	-209.95	-203.44
6696	44 11.57	-114 45.47	9954.0		979703.35	980546.01	24.90	-339.50	0.00	92.84	-222.95	-214.67
6697	44 11.66	-114 36.39	6500.0		979932.53	980546.14	10.31	-221.70	0.00	-2.58	-215.48	-209.90
6700	44 12.65	-114 58.92	6462.9		979931.20	980547.63	3.26	-220.43	0.00	-8.89	-227.57	-221.84
6701	44 12.79	-114 56.14	6316.9		979942.09	980547.84	2.20	-215.45	0.00	-11.93	-226.69	-221.06
6703	44 13.09	-114 56.65	6261.8		979945.50	980548.30	2.11	-213.57	0.00	-14.15	-227.12	-221.54
6705	44 13.36	-114 16.92	5542.9		980004.96	980548.70	6.33	-189.05	0.00	-22.65	-206.83	-202.01
6706	44 13.45	-114 58.51	6308.7		979943.81	980548.84	2.12	-215.17	0.00	-11.97	-226.53	-220.91
6708	44 14.42	-114 18.26	5531.0		980009.09	980550.30	5.60	-188.65	0.00	-21.23	-205.74	-200.91
6710	44 14.56	-114 53.78	6175.8		979950.68	980550.52	5.51	-210.64	0.00	-19.27	-225.90	-220.48
6711	44 14.80	-114 40.60	5922.8		979966.71	980550.88	9.30	-202.01	0.00	-27.37	-221.57	-216.48
6712	44 14.86	-114 30.86	5591.8		979999.35	980550.97	8.00	-190.72	0.00	-25.92	-210.11	-205.28
6713	44 14.88	-114 27.28	5576.0		980003.10	980550.99	8.90	-190.18	0.00	-23.69	-206.44	-201.65
6716	44 15.01	-114 31.71	5635.5		979997.13	980551.20	7.82	-192.22	0.00	-24.24	-210.11	-205.24
6717	44 15.07	-114 39.51	5865.8		979969.96	980551.28	8.94	-200.06	0.00	-29.89	-222.50	-217.45
6719	44 15.17	-114 37.25	5762.8		979977.39	980551.43	10.22	-196.55	0.00	-32.29	-220.10	-215.18
6720	44 15.17	-114 51.70	6135.1		979957.71	980551.43	5.28	-209.25	0.00	-16.98	-222.45	-217.06
6723	44 15.22	-114 34.78	5695.8		979988.07	980551.51	10.60	-194.27	0.00	-27.97	-213.12	-208.27

STATION IDENTIFICATION proj	sta-id	L LATITUDE deg	C LONGITUDE deg	A min	T min	I min	O min	N min	S min	ELE (in ft)	ST	G OBSERVED	R THEORETICAL	TERRAIN	C BOUGUER	O CURV	SPECIAL	FREE AIR	A COMPLETE	N BOUGUER	SPEC FIELDS
6724		44 15.24	-114 20.49				5401.9					980019.77	980551.54	9.85	-184.24	-1.45	0.00	-23.93	-199.77	-195.16	
6725		44 15.26	-114 26.63				5535.7					980005.53	980551.57	9.05	-188.81	-1.46	0.00	-25.62	-206.84	-202.09	
6726		44 15.26	-114 33.80				5655.8					979992.11	980551.57	10.67	-192.90	-1.47	0.00	-27.76	-211.46	-206.65	
6732		44 15.51	-114 24.08				5474.7					980009.30	980551.95	14.17	-186.73	-1.46	0.00	-27.97	-201.98	-197.42	
6734		44 15.51	-114 29.31				5550.8					980003.32	980551.95	9.88	-189.32	-1.47	0.00	-26.79	-207.70	-202.95	
6736		44 15.59	-114 59.12				6411.7					979942.21	980552.06	1.56	-218.69	-1.51	0.00	-7.12	-225.76	-220.03	
6740		44 15.76	-114 42.61				5883.8					979965.82	980552.32	13.85	-200.68	-1.49	0.00	-33.37	-221.69	-216.76	
6746		44 16.04	-114 19.48				5376.9					980020.36	980552.74	8.70	-183.39	-1.45	0.00	-26.89	-203.03	-198.41	
6747		44 16.12	-114 1.69				6501.9					979948.13	980552.87	2.54	-221.76	-1.51	0.00	6.48	-214.26	-208.47	
6750		44 16.29	-114 44.00				5967.8					979963.57	980553.13	11.76	-203.54	-1.49	0.00	-28.53	-221.81	-216.74	
6752		44 16.58	-114 10.27				6856.9					979933.95	980553.56	1.88	-233.87	-1.52	0.00	24.96	-208.55	-202.43	
6753		44 16.82	-114 56.32				6595.8					979932.57	980553.92	2.89	-224.96	-1.52	0.00	-1.32	-224.91	-219.05	
6754		44 16.94	-114 18.59				5347.7					980020.36	980554.10	7.74	-182.40	-1.45	0.00	-30.99	-207.09	-202.48	
6755		44 16.96	-114 43.78				6006.8					979960.25	980554.13	13.04	-204.88	-1.50	0.00	-29.19	-222.52	-217.46	
6756		44 16.99	-114 1.82				6465.8					979950.77	980554.18	2.17	-220.53	-1.51	0.00	4.42	-215.46	-209.70	
6757		44 17.13	-114 8.92				6932.7					979930.23	980554.39	2.39	-236.45	-1.52	0.00	27.53	-208.05	-201.87	
6758		44 17.49	-114 7.01				6787.7					979936.59	980554.93	3.80	-231.51	-1.52	0.00	19.72	-209.50	-203.49	
6759		44 17.68	-114 3.26				6274.9					979959.54	980555.22	2.16	-214.02	-1.51	0.00	-5.80	-219.17	-213.57	
6760		44 17.68	-114 58.54				7487.8					979879.85	980555.22	4.47	-255.39	-1.50	0.00	28.47	-223.95	-217.33	
6761		44 17.83	-114 42.98				6114.8					979954.70	980555.45	13.15	-208.56	-1.50	0.00	-25.91	-222.82	-217.66	
6762		44 18.02	-114 13.88				6978.0					979926.10	980555.73	5.68	-238.00	-1.52	0.00	26.31	-207.53	-201.39	
6763		44 18.29	-114 1.82				6416.0					979952.32	980556.14	2.22	-218.83	-1.51	0.00	-0.68	-218.81	-213.09	
6765		44 18.76	-114 17.24				5302.8					980022.20	980556.84	8.32	-180.86	-1.44	0.00	-36.12	-210.10	-205.54	
6766		44 18.82	-114 5.91				6203.7					979961.77	980556.94	2.55	-211.59	-1.51	0.00	-11.98	-222.52	-217.00	
6768		44 18.94	-114 23.40				8714.8					979824.34	980557.12	13.11	-297.24	-1.40	0.00	86.33	-199.19	-191.71	
6769		44 19.01	-114 3.13				6195.8					979969.68	980557.23	2.12	-211.32	-1.50	0.00	-5.10	-215.80	-210.28	
6770		44 19.11	-114 42.88				6178.8					979959.13	980557.38	7.98	-210.74	-1.50	0.00	-17.40	-221.66	-216.31	
6772		44 19.94	-114 43.09				6256.8					979955.29	980558.63	8.65	-213.40	-1.51	0.00	-15.16	-221.42	-216.01	
6773		44 19.96	-114 2.95				6065.9					979980.46	980558.66	2.74	-206.89	-1.50	0.00	-7.96	-213.61	-208.21	
6775		44 20.02	-114 16.94				5276.9					980026.73	980558.75	9.02	-179.98	-1.44	0.00	-35.92	-208.32	-203.80	
6777		44 20.29	-114 1.84				6334.9					979964.52	980559.16	3.47	-216.07	-1.51	0.00	0.89	-213.22	-207.60	
6778		44 20.29	-114 58.61				8854.0					979800.27	980559.16	11.79	-301.98	-1.38	0.00	73.29	-218.28	-210.64	
6782		44 20.69	-114 8.07				6741.8					979938.68	980559.76	3.31	-229.94	-1.52	0.00	12.67	-215.48	-209.50	
6783		44 20.88	-114 43.40				6251.9					979956.96	980560.05	8.99	-213.24	-1.51	0.00	-15.36	-221.12	-215.72	
6784		44 20.95	-114 37.36				9752.9					979723.86	980560.15	24.57	-332.64	-1.23	0.00	80.31	-228.99	-220.88	
6785		44 21.30	-114 3.52				5964.8					979996.10	980560.68	5.05	-203.44	-1.49	0.00	-3.83	-203.72	-198.48	
6786		44 21.31	-114 15.77				5287.7					980030.82	980560.70	6.40	-180.35	-1.44	0.00	-32.76	-208.15	-203.55	
6788		44 21.85	-114 43.66				6306.7					979957.78	980561.51	6.63	-215.10	-1.51	0.00	-10.86	-220.84	-215.34	
6789		44 21.98	-114 15.77				5200.7					980036.27	980561.70	7.70	-177.38	-1.43	0.00	-36.49	-207.61	-203.12	
6791		44 22.15	-114 4.61				5734.9					980009.42	980561.96	4.52	-195.60	-1.48	0.00	-13.41	-205.97	-200.92	

STATION IDENTIFICATION proj	sta-id	L O C A T I O N S		E L E ST (in ft)	G R A V I T Y OBSERVED	T E R R A I N	C O R R E C T I O N S		S P E C I A L	F R E E A I R	A N O M A L I E S	
		L A T I T U D E deg	L O N G I T U D E deg				T E R R A I N	B O U G U E R			C U R V	C O M P L E T E - B O U G U E R d1=2.67 d2=2.60
6793		44 22.36	-114 43.58	6376.9	979953.61	7.13	-217.50	-1.51	0.00	-9.20	-221.08	-215.53
6794		44 22.36	-114 33.94	8493.1	979823.84	6.82	-289.67	-1.42	0.00	59.84	-224.44	-216.98
6795		44 22.61	-114 10.27	6238.8	979972.00	4.15	-212.79	-1.51	0.00	-4.17	-214.31	-208.80
6796		44 22.67	-114 15.17	5179.7	980040.03	9.25	-176.67	-1.43	0.00	-35.75	-204.59	-200.17
6797		44 22.76	-114 43.28	6379.9	979952.93	10.99	-217.60	-1.51	0.00	-10.21	-218.33	-212.87
6798		44 22.80	-114 2.84	6208.0	979980.46	3.41	-211.74	-1.51	0.00	1.11	-208.72	-203.22
6799		44 22.93	-114 5.03	5671.9	980010.23	3.07	-193.45	-1.48	0.00	-19.69	-211.55	-206.52
6800		44 23.18	-114 26.89	8712.9	979808.78	11.87	-297.17	-1.40	0.00	64.19	-222.51	-214.99
6802		44 23.20	-114 41.84	6455.7	979946.82	16.40	-220.18	-1.51	0.00	-9.86	-215.16	-209.77
6803		44 23.50	-114 9.04	5700.7	980004.14	2.82	-194.44	-1.48	0.00	-23.93	-217.02	-211.96
6805		44 23.58	-114 40.89	6524.9	979943.64	14.68	-222.55	-1.51	0.00	-7.11	-216.49	-211.00
6807		44 23.98	-114 39.83	6633.8	979937.82	11.26	-226.26	-1.52	0.00	-3.30	-219.81	-214.14
6808		44 24.02	-114 20.11	6624.0	979949.35	16.37	-225.92	-1.52	0.00	7.25	-203.82	-198.29
6809		44 24.13	-114 5.90	5586.9	980012.32	2.51	-190.55	-1.47	0.00	-27.40	-216.91	-211.94
6812		44 24.70	-114 34.54	9805.1	979732.78	19.30	-334.42	-1.22	0.00	88.48	-227.87	-219.57
6814		44 24.76	-114 38.39	6781.1	979931.31	7.43	-231.28	-1.52	0.00	2.86	-222.51	-216.60
6815		44 24.99	-114 37.60	6791.0	979929.31	13.30	-231.62	-1.52	0.00	1.44	-218.40	-212.64
6817		44 25.24	-114 7.27	5417.0	980023.54	2.43	-184.76	-1.45	0.00	-33.82	-217.60	-212.79
6818		44 25.79	-114 13.49	5105.9	980045.86	5.52	-174.15	-1.42	0.00	-41.56	-211.61	-207.16
6819		44 25.90	-114 36.92	6857.9	979928.45	6.10	-233.90	-1.52	0.00	5.49	-223.83	-217.81
6820		44 26.09	-114 10.33	5312.9	980031.20	2.20	-181.21	-1.44	0.00	-37.22	-217.67	-212.94
6821		44 26.19	-114 43.72	7111.8	979912.81	9.31	-242.56	-1.51	0.00	13.27	-221.49	-215.34
6823		44 26.51	-114 8.32	5306.7	980034.00	2.08	-181.00	-1.44	0.00	-35.64	-216.00	-211.27
6824		44 26.80	-114 36.21	7002.9	979916.48	8.04	-238.85	-1.52	0.00	5.79	-226.53	-220.44
6825		44 27.33	-114 44.54	7463.9	979891.31	10.05	-254.57	-1.50	0.00	23.13	-222.90	-216.45
6826		44 27.39	-114 35.48	7107.9	979910.82	6.99	-242.43	-1.51	0.00	9.10	-227.85	-221.64
6828		44 27.58	-114 9.97	5134.8	980044.57	2.43	-175.13	-1.43	0.00	-42.84	-216.97	-212.40
6829		44 27.62	-114 13.37	5038.7	980050.34	5.91	-171.85	-1.42	0.00	-46.16	-213.52	-209.13
6830		44 27.65	-114 16.36	8328.0	979834.78	22.52	-284.05	-1.44	0.00	47.30	-215.67	-208.78
6831		44 27.73	-114 28.20	8083.9	979862.84	6.75	-275.72	-1.46	0.00	52.31	-218.13	-211.04
6832		44 27.73	-114 28.96	8372.0	979843.89	4.85	-285.55	-1.44	0.00	60.41	-221.72	-214.32
6833		44 27.86	-114 44.01	8687.0	979819.04	5.36	-296.29	-1.40	0.00	64.95	-227.38	-219.71
6834		44 27.94	-114 10.98	5133.8	980046.07	2.34	-175.10	-1.43	0.00	-41.97	-216.16	-211.59
6835		44 28.00	-114 27.28	7730.9	979891.09	6.90	-263.68	-1.49	0.00	46.99	-211.28	-204.51
6838		44 28.17	-114 23.09	9837.9	979762.92	18.31	-335.54	-1.21	0.00	116.47	-201.98	-193.63
6841		44 28.30	-114 29.30	8794.9	979814.64	3.67	-299.97	-1.39	0.00	70.03	-227.66	-219.85
6842		44 28.49	-114 1.24	8256.8	979862.82	9.02	-281.62	-1.45	0.00	67.38	-206.66	-199.48
6843		44 28.49	-114 26.35	7465.8	979912.28	7.57	-254.64	-1.50	0.00	42.53	-206.04	-199.52
6844		44 28.51	-114 33.99	7309.7	979898.75	6.56	-249.31	-1.51	0.00	14.30	-229.96	-223.56
6845		44 28.55	-114 12.49	5004.9	980054.38	3.09	-170.70	-1.41	0.00	-46.70	-215.72	-211.29

STATION IDENTIFICATION	L O C A T I O N S	G R A V I T Y	TERRAIN	C O R R E C T I O N S	FREE AIR	A N O M A L I E S	SPEC FIELDS
proj sta-id	LATITUDE deg min LONGITUDE deg min ELEV (in ft)	OBSERVED THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	COMPLETE-BOUGUER		
					d1=2.67	d2=2.60	
6846	44 28.70 -114 9.11	980048.56	2.27	0.00	-42.60	-216.14	-211.59
6847	44 28.70 -114 10.33	980049.91	2.28	0.00	-49.05	-219.74	-215.26
6849	44 29.06 -114 33.38	979888.59	4.86	0.00	19.03	-232.63	-226.03
6850	44 29.12 -114 25.88	979923.53	5.00	0.00	43.34	-204.36	-197.87
6851	44 29.14 -114 31.28	979866.02	6.08	0.00	35.89	-228.89	-221.95
6852	44 29.14 -114 32.63	979886.67	5.29	0.00	21.40	-231.43	-224.80
6853	44 29.14 -114 19.13	979987.16	6.39	0.00	-5.05	-210.70	-205.31
6854	44 29.23 -114 10.90	980052.93	2.38	0.00	-52.11	-220.77	-216.35
6860	44 29.54 -114 13.21	980046.57	2.89	0.00	-43.52	-217.29	-212.73
6861	44 29.56 -114 9.71	980055.14	2.43	0.00	-45.58	-215.95	-211.48
6862	44 29.56 -114 7.90	980035.95	2.53	0.00	-32.83	-214.73	-209.96
6863	44 29.63 -114 25.16	979937.35	6.76	0.00	37.03	-201.89	-195.62
6866	44 30.01 -114 24.07	979947.04	10.44	0.00	27.37	-201.05	-195.06
6868	44 30.20 -114 16.40	980017.46	4.15	0.00	-24.11	-214.64	-209.64
6869	44 30.20 -114 20.80	979969.21	4.82	0.00	18.16	-204.60	-198.76
6871	44 30.28 -114 13.84	980040.04	2.85	0.00	-37.07	-216.01	-211.32
6873	44 30.45 -114 9.58	980058.96	3.00	0.00	-44.62	-213.86	-209.43
6874	44 30.47 -114 22.99	979954.60	11.80	0.00	20.03	-201.88	-196.06
6875	44 30.57 -114 58.17	979805.28	16.33	0.00	76.51	-215.49	-207.83
6876	44 30.62 -114 21.11	979980.31	8.79	0.00	6.24	-204.41	-198.89
6878	44 30.70 -114 22.22	979966.56	11.65	0.00	14.17	-201.54	-195.89
6879	44 30.91 -114 11.84	980054.06	2.36	0.00	-54.25	-222.66	-218.25
6880	44 31.00 -114 3.71	979874.00	8.87	0.00	49.22	-215.72	-208.77
6881	44 31.12 -114 10.00	980064.52	4.46	0.00	-49.01	-213.54	-209.22
6883	44 31.27 -114 10.81	980062.52	2.92	0.00	-53.48	-218.73	-214.40
challits	44 31.40 -114 12.58	980052.50	2.36	0.00	-53.25	-222.87	-218.42
6885	44 31.52 -114 13.68	980047.00	5.28	0.00	-49.37	-219.55	-215.09
6886	44 31.67 -114 44.34	979731.11	28.03	0.00	80.14	-228.86	-220.76
6887	44 31.94 -114 38.48	979712.27	29.14	0.00	65.21	-244.24	-236.13
6890	44 32.18 -114 10.88	980066.18	3.18	0.00	-52.22	-216.84	-212.52
6891	44 32.20 -114 11.81	980061.02	2.62	0.00	-55.61	-221.45	-217.10
6892	44 32.56 -114 31.19	979755.20	13.64	0.00	71.13	-240.80	-232.62
6893	44 32.81 -114 13.70	980050.77	2.34	0.00	-50.63	-222.62	-218.12
6894	44 32.89 -114 50.83	980004.21	10.06	0.00	-27.48	-217.17	-212.19
6895	44 33.16 -114 30.69	979798.14	5.08	0.00	62.92	-239.40	-231.47
6896	44 33.25 -114 11.86	980066.89	2.90	0.00	-51.82	-217.20	-212.86
6897	44 33.35 -114 14.86	980050.18	2.49	0.00	-41.61	-217.26	-212.65
6898	44 33.69 -114 16.45	980051.60	5.10	0.00	-38.82	-212.54	-207.99
6900	44 33.97 -114 55.81	979800.28	14.37	0.00	87.79	-213.90	-205.99
6903	44 34.58 -114 18.81	980039.88	5.73	0.00	-29.32	-210.62	-205.86

STATION IDENTIFICATION proj sta-id	L O C A T I O N S LATITUDE deg min	L O C A T I O N S LONGITUDE deg min	ELE ST (in ft)	OBSERVED	G R A V I T Y THEORETICAL	TERRAIN BOUGUER CURV	C O R R E C T I O N S SPECIAL	FREE AIR	A N O M A L I E S COMPLETE-BOUGUER d1=2.67 d2=2.60 FIELDS	SPEC FIELDS	
6904	44 34.64	-114 21.29	5786.7	980018.89	980580.80	8.65	-197.37	-1.48	-17.90	-208.11	-203.12
6905	44 34.81	-114 50.33	5609.9	980017.92	980581.05	12.39	-191.34	-1.47	-35.75	-216.16	-211.43
6906	44 34.81	-114 11.51	4840.8	980072.50	980581.05	3.82	-165.11	-1.39	-53.44	-216.12	-211.85
6907	44 34.83	-114 0.65	5437.0	980040.03	980581.08	2.65	-185.44	-1.46	-29.91	-214.16	-209.33
6908	44 35.08	-114 54.19	8017.7	979885.41	980581.46	5.81	-273.46	-1.47	57.57	-211.55	-204.50
6909	44 35.95	-114 28.29	9189.9	979794.46	980582.77	7.23	-313.44	-1.33	75.41	-232.13	-224.07
6910	44 36.11	-114 11.02	4809.7	980076.27	980583.01	4.67	-164.04	-1.39	-54.56	-215.32	-211.10
6911	44 36.11	-114 48.39	5410.7	980027.46	980583.01	17.11	-184.54	-1.45	-46.88	-215.77	-211.34
6914	44 36.85	-114 10.34	4803.8	980076.10	980584.13	4.43	-163.84	-1.39	-56.40	-217.20	-212.98
6915	44 36.94	-114 30.59	8708.0	979827.36	980584.27	7.30	-297.00	-1.40	61.55	-229.55	-221.92
6916	44 37.25	-114 26.84	9985.8	979730.96	980584.73	21.22	-340.59	-1.18	84.70	-235.85	-227.45
6917	44 37.40	-114 41.11	8976.0	979802.96	980584.96	21.29	-306.15	-1.36	61.63	-224.59	-217.08
6918	44 37.72	-114 9.41	4748.6	980080.14	980585.44	5.32	-161.96	-1.38	-58.85	-216.88	-212.73
6920	44 38.12	-114 11.75	4975.7	980066.41	980586.05	9.16	-169.71	-1.41	-51.85	-213.80	-209.55
6921	44 38.18	-114 7.78	4736.8	980084.74	980586.13	5.29	-161.56	-1.38	-56.06	-213.70	-209.57
6922	44 38.24	-114 19.85	8844.1	979815.71	980586.23	18.19	-301.65	-1.38	60.73	-224.11	-216.64
6923	44 38.29	-114 48.88	8224.0	979860.60	980586.30	13.22	-280.50	-1.45	47.30	-221.43	-214.39
6924	44 38.47	-114 6.97	4732.9	980084.89	980586.57	5.53	-161.43	-1.38	-56.71	-213.99	-209.86
6925	44 38.90	-114 5.28	4703.7	980086.50	980587.22	6.29	-160.43	-1.37	-58.50	-214.01	-209.93
6929	44 39.53	-114 12.95	5359.9	980045.43	980588.17	10.99	-182.81	-1.45	-38.85	-212.12	-207.58
6930	44 39.65	-114 32.63	8442.9	979854.25	980588.35	5.77	-287.96	-1.43	59.45	-224.17	-216.74
6931	44 39.82	-114 2.24	4733.9	980083.54	980588.61	2.92	-161.46	-1.38	-60.01	-219.93	-215.73
6932	44 40.05	-114 4.64	4724.7	980089.25	980588.95	3.89	-161.15	-1.38	-55.51	-214.14	-209.98
6933	44 40.48	-114 1.78	4710.9	980085.17	980589.60	3.40	-160.68	-1.37	-61.53	-220.18	-216.02
6935	44 40.88	-114 34.11	8983.9	979804.78	980590.20	17.67	-306.41	-1.36	58.94	-231.16	-223.56
6937	44 40.88	-114 40.90	8559.0	979835.64	980590.20	22.38	-291.92	-1.42	49.89	-221.07	-213.96
6938	44 41.38	-114 2.59	4647.9	980098.77	980590.96	4.11	-158.53	-1.37	-55.21	-210.99	-206.91
6940	44 43.15	-114 24.29	9420.9	979794.46	980593.63	13.18	-321.32	-1.29	86.24	-223.19	-215.08
6942	44 43.91	-114 31.07	7686.0	979901.50	980594.77	9.93	-262.15	-1.49	29.17	-224.54	-217.89
6943	44 44.56	-114 55.42	4618.1	980096.48	980595.76	9.81	-157.51	-1.36	-65.10	-214.16	-210.25
6944	44 44.84	-114 49.10	4429.1	980096.70	980596.18	25.63	-151.06	-1.33	-83.06	-209.83	-206.51
6946	44 45.70	-114 32.45	9263.1	979795.02	980597.48	18.64	-315.94	-1.32	68.14	-230.48	-222.65
6949	44 47.47	-114 26.59	7167.9	979935.70	980600.15	8.10	-244.48	-1.51	9.33	-228.56	-222.32
6950	44 47.39	-114 14.98	6503.0	979987.36	980600.02	5.99	-221.80	-1.51	-1.37	-218.69	-212.99
6957	44 51.28	-114 27.61	5413.0	980048.68	980605.89	11.32	-184.62	-1.45	-48.33	-223.09	-218.51
6958	44 51.35	-114 32.03	5041.0	980067.06	980606.00	17.86	-171.93	-1.42	-65.02	-220.51	-216.43
6961	44 53.56	-114 39.58	4306.1	980124.53	980609.34	24.52	-146.87	-1.31	-79.95	-203.62	-200.37
6964	44 56.26	-114 33.99	7788.0	979924.86	980613.41	14.38	-265.63	-1.48	43.48	-209.25	-202.62
6966	44 58.91	-114 44.01	3625.9	980180.16	980617.41	18.93	-123.67	-1.19	-96.32	-202.25	-199.47
6967	44 59.44	-114 29.22	6156.1	980031.27	980618.20	7.32	-209.97	-1.50	-8.22	-212.37	-207.02

STATION IDENTIFICATION proj	L O C A T I O N S LATITUDE deg min	LONGITUDE deg min	ELE ST (in. ft)	OBSERVED	G R A V I T Y THEORETICAL	TERRAIN	C O R R E C T I O N S BOUGUER CURV	SPECIAL	FREE AIR	A N O M A L I E S COMPLETE-BOUGUER	SPEC FIELDS
									d1=2.67	d2=2.60	
6968	44 59.94	-114 36.88	9079.0	979849.03	980618.96	22.41	-309.66	-1.35	83.37	-205.23	-197.66
7963	44 2.30	-115 12.77	6465.5	979931.53	980532.03	5.43	-220.52	-1.51	7.29	-209.31	-203.63
7964	44 2.68	-115 52.00	3245.0	980163.17	980532.60	6.14	-110.68	-1.10	-64.31	-169.95	-167.18
7965	44 2.98	-115 26.44	7059.0	979905.39	980533.05	5.22	-240.76	-1.51	35.89	-201.17	-194.95
7970	44 3.59	-115 49.15	3297.5	980154.43	980533.98	7.77	-112.47	-1.11	-69.49	-175.30	-172.53
7972	44 4.09	-115 48.31	3340.5	980150.99	980534.73	8.63	-113.94	-1.12	-69.64	-176.07	-173.28
7975	44 4.96	-115 36.70	3831.3	980111.28	980536.04	6.69	-130.68	-1.23	-64.53	-189.74	-186.46
7981	44 7.38	-115 43.78	5190.2	980040.34	980539.69	8.02	-177.02	-1.43	-11.39	-181.83	-177.36
7985	44 9.04	-115 57.98	3115.1	980175.36	980542.19	4.00	-106.25	-1.07	-73.92	-177.24	-174.34
7994	44 13.66	-115 54.20	3156.1	980165.84	980549.16	11.96	-107.65	-1.08	-86.55	-183.32	-180.78
7996	44 14.29	-115 40.96	5646.0	980013.67	980550.11	3.46	-192.57	-1.47	-5.66	-196.24	-191.24
8001	44 16.58	-115 52.39	3692.9	980136.85	980553.56	10.55	-125.95	-1.20	-69.49	-186.09	-183.04
8005	44 17.62	-115 38.65	5343.5	980033.82	980555.13	1.95	-182.25	-1.45	-18.96	-200.70	-195.94
8008	44 18.46	-115 59.82	4813.9	980094.18	980556.39	1.35	-164.19	-1.39	-9.63	-173.86	-169.55
8009	44 19.18	-115 38.90	5321.8	980034.77	980557.48	2.16	-181.51	-1.45	-22.39	-203.19	-198.45
8011	44 19.37	-115 14.12	6923.5	979932.85	980557.77	2.34	-236.14	-1.52	25.91	-209.41	-203.24
8013	44 20.59	-115 25.42	6544.2	979958.15	980559.61	1.84	-223.21	-1.51	13.73	-209.15	-203.31
8017	44 21.47	-115 51.57	4014.1	980122.10	980560.93	6.01	-136.91	-1.26	-61.42	-193.59	-190.12
8019	44 21.68	-115 46.51	4644.0	980081.91	980561.25	5.44	-158.39	-1.36	-42.72	-197.04	-192.99
8020	44 21.81	-115 16.00	7298.8	979914.64	980561.45	3.48	-248.94	-1.51	39.28	-207.69	-201.22
8021	44 22.29	-115 37.18	5419.9	980030.64	980562.17	5.26	-184.86	-1.45	-22.00	-203.05	-198.30
8027	44 24.86	-115 22.83	6393.7	979977.70	980566.05	2.65	-218.07	-1.51	12.69	-204.24	-198.55
8030	44 25.39	-115 26.39	6415.0	979976.17	980566.84	1.54	-218.80	-1.51	12.37	-206.40	-200.67
8032	44 26.57	-115 35.11	5588.9	980023.91	980568.63	8.09	-190.62	-1.47	-19.30	-203.30	-198.47
8036	44 26.89	-115 35.49	5579.0	980024.46	980569.11	7.88	-190.28	-1.47	-20.16	-204.03	-199.21
8037	44 27.46	-115 22.81	8291.0	979858.48	980569.97	10.58	-282.78	-1.44	67.80	-205.84	-198.67
8039	44 27.96	-115 42.72	7900.9	979880.86	980570.72	14.97	-269.48	-1.48	52.78	-203.20	-196.49
8042	44 30.32	-115 34.64	5969.1	980003.68	980574.28	8.94	-203.59	-1.49	-9.46	-205.60	-200.46
8043	44 30.70	-115 8.95	9012.1	979804.92	980574.85	14.28	-307.38	-1.36	77.09	-217.36	-209.64
8048	44 32.24	-115 22.34	5832.0	980011.27	980577.17	6.11	-198.91	-1.49	-17.65	-211.94	-206.84
8050	44 34.18	-115 15.52	8983.9	979805.82	980580.10	24.20	-306.41	-1.36	70.09	-213.49	-206.05
8051	44 34.18	-115 31.49	8033.1	979883.42	980580.10	7.54	-273.99	-1.47	58.38	-209.53	-202.51
8052	44 34.51	-115 48.77	8054.1	979884.00	980580.60	15.51	-274.70	-1.47	60.43	-200.22	-193.39
8053	44 34.60	-115 32.17	6732.9	979964.81	980580.73	4.11	-229.64	-1.52	16.99	-210.06	-204.11
8057	44 35.80	-115 7.14	8995.0	979814.95	980582.55	20.78	-306.80	-1.36	77.82	-209.55	-202.02
8058	44 36.45	-115 56.48	7645.9	979924.64	980583.52	15.49	-260.78	-1.49	59.80	-186.98	-180.51
8059	44 36.79	-115 50.29	5383.8	980055.57	980584.04	7.96	-183.63	-1.45	-22.33	-199.45	-194.80
8067	44 39.80	-115 14.34	9063.9	979817.67	980588.58	22.70	-309.15	-1.35	80.98	-206.81	-199.27
8071	44 41.26	-115 58.49	4942.9	980110.39	980590.78	1.60	-168.59	-1.40	-15.69	-184.08	-179.67
8072	44 42.54	-115 5.38	8812.9	979834.32	980592.71	24.19	-300.58	-1.38	69.92	-207.86	-200.58

STATION IDENTIFICATION proj	sta-id	L O C A T I O N S		E L E ST (in ft)	G R A V I T Y		C O R R E C T I O N S		S P E C I A L	F R E E AIR	A N O M A L I E S		S P E C FIELDS
		L A T I T U D E deg	L O N G I T U D E deg		O B S E R V E D	T H E O R E T I C A L	T E R R A I N	B O U G U E R			C U R V	C O M P L E T E	
8074		44 44.69	-115 40.72	5068.9	980072.02	980595.95	9.88	-172.88	0.00	-47.39	-211.81	-207.50	
8077		44 45.49	-115 49.82	8681.1	979850.36	980597.16	31.04	-296.09	0.00	69.12	-197.33	-190.34	
8080		44 49.26	-115 36.22	9180.1	979827.39	980602.84	23.53	-313.11	0.00	87.34	-203.57	-195.95	
8081		44 50.63	-115 57.40	8310.0	979904.71	980604.91	26.64	-283.43	0.00	80.86	-177.37	-170.60	
8082		44 52.10	-115 30.10	5107.9	980082.96	980607.13	15.63	-174.22	0.00	-43.96	-203.97	-199.78	
8083		44 52.11	-115 23.27	8846.1	979860.32	980607.15	14.69	-301.71	0.00	84.59	-203.81	-196.25	
8084		44 53.45	-115 42.67	4154.8	980152.28	980609.16	6.44	-141.71	0.00	-66.25	-202.81	-199.23	
8094		44 57.73	-115 13.63	9329.0	979814.66	980615.63	27.98	-318.19	0.00	75.82	-215.70	-208.05	
8095		44 57.79	-115 29.52	4765.0	980112.37	980615.71	11.11	-162.52	0.00	-55.36	-208.16	-204.15	
lv004		44 28.80	-115 59.90	4755.0	980096.29	980571.98	1.00	-162.18	0.00	-28.66	-191.21	-186.95	
lv005		44 28.00	-115 59.90	4733.0	980099.18	980570.78	1.06	-161.43	0.00	-26.62	-188.37	-184.13	
lv006		44 27.27	-115 59.95	4753.0	980101.17	980569.68	1.08	-162.11	0.00	-21.65	-184.06	-179.80	
lv008		44 24.72	-115 59.95	4728.0	980102.63	980565.84	1.25	-161.26	0.00	-18.69	-180.08	-175.85	
lv017		44 19.38	-115 59.91	4806.0	980093.41	980557.78	1.17	-163.92	0.00	-12.53	-176.66	-172.36	
lv018		44 20.27	-115 59.90	4810.0	980093.83	980559.13	1.18	-164.06	0.00	-13.08	-177.34	-173.04	
lv055		44 23.75	-115 59.29	4776.0	980099.56	980564.37	1.28	-162.90	0.00	-15.79	-178.79	-174.52	
lv056		44 23.30	-115 58.62	4829.0	980094.40	980563.70	1.58	-164.70	0.00	-15.29	-179.81	-175.49	
lv057		44 21.10	-115 59.60	4882.0	980091.33	980560.38	1.35	-166.51	0.00	-10.07	-176.62	-172.26	
lv060		44 29.00	-115 59.29	4761.0	980096.86	980572.29	1.01	-162.38	0.00	-27.82	-190.58	-186.31	
lv067		44 32.55	-115 55.31	5131.0	980076.33	980577.64	2.61	-175.00	0.00	-18.93	-192.75	-188.20	
lv081		44 29.00	-115 58.50	4756.0	980099.42	980572.29	1.10	-162.21	0.00	-25.73	-188.22	-183.96	
lv083		44 29.18	-115 57.85	4783.0	980101.45	980572.56	1.31	-163.13	0.00	-21.43	-184.64	-180.36	
lv084		44 27.19	-115 58.71	4768.0	980100.55	980569.56	1.22	-162.62	0.00	-20.75	-183.53	-179.26	
lv086		44 26.30	-115 59.95	4742.0	980101.92	980568.22	1.16	-161.74	0.00	-20.47	-182.43	-178.18	
lv096		44 19.37	-115 59.32	4839.0	980090.86	980557.77	1.49	-165.04	0.00	-11.97	-176.91	-172.59	
lv097		44 19.27	-115 58.79	4956.0	980081.49	980557.62	2.54	-169.04	0.00	-10.19	-178.09	-173.68	
lv125		44 27.20	-115 54.50	5042.0	980071.69	980569.57	5.04	-171.97	0.00	-23.87	-192.21	-187.80	
lv126		44 27.62	-115 55.10	5002.0	980074.63	980570.21	3.29	-170.60	0.00	-25.32	-194.04	-189.62	
lv127		44 25.65	-115 55.80	4962.0	980078.17	980567.23	4.92	-169.24	0.00	-22.56	-188.29	-183.95	
lv128		44 24.82	-115 56.50	4932.0	980082.15	980565.98	4.27	-168.22	0.00	-20.16	-185.51	-181.17	
lv129		44 27.78	-115 55.65	5242.0	980066.25	980570.45	1.44	-178.79	0.00	-11.39	-190.17	-185.49	
lv130		44 28.10	-115 56.24	5408.0	980058.97	980570.93	1.79	-184.45	0.00	-3.55	-187.66	-182.84	
lv133		44 29.40	-115 55.00	5045.0	980075.76	980572.89	2.31	-172.07	0.00	-22.83	-194.01	-189.52	
ch01		44 33.05	-114 12.50	4974.0	980059.93	980578.40	2.38	-169.65	0.00	-50.84	-219.52	-215.09	
ch02		44 33.60	-114 13.00	5031.0	980059.07	980579.23	2.48	-171.59	0.00	-47.17	-217.70	-213.23	
ch03		44 33.70	-114 11.70	4894.0	980070.45	980579.38	3.01	-166.92	0.00	-48.82	-214.12	-209.79	
ch04		44 34.20	-114 11.55	4866.0	980072.38	980580.13	3.32	-165.97	0.00	-50.27	-214.31	-210.01	
ch05		44 32.20	-114 13.65	5075.0	980049.42	980577.12	2.44	-173.09	0.00	-50.58	-222.65	-218.14	
ch06		44 31.50	-114 13.05	5024.0	980051.93	980576.06	2.46	-171.35	0.00	-51.80	-222.11	-217.65	
ch07		44 30.88	-114 14.45	5957.0	979991.69	980573.13	4.74	-203.18	0.00	-23.44	-223.36	-218.12	

STATION IDENTIFICATION proj	L O C A T I O N S		ELE ST (in ft)	G R A V I T Y		C O R R E C T I O N S		A N O M A L I E S		SPECIAL d1=2.67 d2=2.60 FIELDS		
	LATITUDE deg min	LONGITUDE deg min		OBSERVED THEORETICAL	TERRAIN BOUGUER CURV	SPECIAL	FREE AIR	COMPLETE-BOUGUER				
ch08	44 31.30	-114 12.15	4973.0	980054.28	980575.76	2.35	-169.61	-1.41	0.00	-53.94	-222.62	-218.19
ch09	44 31.02	-114 11.25	4934.0	980057.63	980575.34	2.55	-168.28	-1.40	0.00	-53.84	-220.97	-216.59
ch10	44 30.76	-114 12.40	5033.0	980050.49	980574.95	2.30	-171.66	-1.41	0.00	-51.28	-222.06	-217.58
ch11	44 31.88	-114 12.12	4939.0	980057.56	980576.63	2.44	-168.46	-1.40	0.00	-54.73	-222.15	-217.76
ch12	44 28.50	-114 10.92	5022.0	980051.61	980571.53	2.38	-171.29	-1.41	0.00	-47.79	-218.11	-213.64
ch13	44 28.93	-114 10.92	4994.0	980052.72	980572.18	2.36	-170.33	-1.41	0.00	-49.96	-219.34	-214.90
ch14	44 29.37	-114 10.28	4980.0	980055.99	980572.84	2.40	-169.85	-1.41	0.00	-48.67	-217.53	-213.10
ch15	44 29.95	-114 9.72	5018.0	980057.48	980573.72	2.57	-171.15	-1.41	0.00	-44.47	-214.47	-210.01
ch16	44 30.12	-114 8.45	5283.0	980040.73	980573.98	2.83	-180.19	-1.44	0.00	-36.58	-215.38	-210.69
ch17	44 30.44	-114 7.70	5543.0	980025.28	980574.46	3.61	-189.06	-1.47	0.00	-28.08	-214.99	-210.09
ch18	44 30.90	-114 6.94	5962.0	980001.36	980575.16	4.63	-203.35	-1.49	0.00	-13.32	-213.53	-208.28
ch19	44 31.50	-114 6.28	6536.0	979968.33	980576.06	4.69	-222.92	-1.51	0.00	6.68	-213.07	-207.51
ch20	44 28.03	-114 11.65	5022.0	980053.37	980570.83	2.76	-171.29	-1.41	0.00	-45.32	-215.26	-210.80
ch21	44 30.22	-114 12.78	5080.0	980049.01	980574.13	2.45	-173.26	-1.42	0.00	-47.53	-219.77	-215.25
ch22	44 23.84	-114 4.40	5819.0	980001.55	980564.51	2.78	-198.47	-1.49	0.00	-15.92	-213.10	-207.93
ch23	44 24.00	-114 3.72	5968.0	979995.92	980564.75	4.19	-203.55	-1.49	0.00	-7.79	-208.64	-203.38
ch24	44 24.38	-114 2.92	6235.0	979983.82	980565.32	4.50	-212.66	-1.51	0.00	4.63	-205.04	-199.54
ch25	44 24.66	-114 2.28	6486.0	979964.94	980565.74	5.85	-221.22	-1.51	0.00	8.90	-207.98	-202.29
ch26	44 25.05	-114 5.40	5665.0	980010.55	980566.33	2.95	-193.22	-1.47	0.00	-23.22	-214.96	-209.94
ch27	44 25.65	-114 4.50	5891.0	979999.36	980567.23	3.30	-200.93	-1.49	0.00	-14.07	-213.19	-207.97
ch28	44 17.56	-114 2.50	6331.0	979959.46	980555.04	2.18	-215.93	-1.51	0.00	-0.43	-215.69	-210.05
ch29	44 17.68	-114 3.25	6275.0	979959.81	980555.22	2.16	-214.02	-1.51	0.00	-5.52	-218.89	-213.29
ch30	44 17.50	-114 4.48	6305.0	979954.86	980554.95	2.78	-215.04	-1.51	0.00	-7.38	-221.16	-215.55
ch31	44 17.90	-114 5.50	6370.0	979953.33	980555.55	2.56	-217.26	-1.51	0.00	-3.41	-219.62	-213.95
ch32	44 17.88	-114 6.31	6468.0	979953.86	980555.52	4.01	-220.61	-1.51	0.00	6.36	-211.75	-206.03
ch33	44 18.02	-114 0.80	6588.0	979939.95	980555.73	2.46	-224.70	-1.52	0.00	3.52	-220.23	-214.37
ch35	44 18.50	-114 2.78	6265.0	979964.21	980556.45	2.15	-213.68	-1.51	0.00	-3.30	-216.34	-210.75
ch36	44 18.58	-114 3.72	6203.0	979964.79	980556.58	2.01	-211.57	-1.51	0.00	-8.67	-219.73	-214.19
ch37	44 21.90	-114 2.10	6295.0	979970.47	980561.58	4.77	-214.70	-1.51	0.00	0.65	-210.79	-205.25
ch38	44 22.18	-114 2.88	6341.0	979974.86	980562.00	3.40	-216.27	-1.51	0.00	8.94	-205.44	-199.82
ch39	44 22.10	-114 3.88	5935.0	980001.29	980561.88	3.14	-202.43	-1.49	0.00	-2.66	-203.43	-198.17
ch40	44 20.68	-114 6.76	7106.0	979918.57	980559.74	3.77	-242.37	-1.51	0.00	26.79	-213.32	-207.02
ch41	44 24.68	-114 9.55	5535.0	980016.50	980565.77	2.41	-188.78	-1.46	0.00	-28.92	-216.76	-211.84
ch42	44 25.40	-114 8.60	5415.0	980024.08	980566.86	2.05	-184.69	-1.45	0.00	-33.71	-217.80	-212.98
ch43	44 25.62	-114 10.08	5350.0	980028.66	980567.19	2.36	-182.47	-1.45	0.00	-35.56	-217.13	-212.37
ch44	44 25.95	-114 11.98	5245.0	980035.68	980567.69	3.50	-178.89	-1.44	0.00	-38.91	-215.74	-211.11
ch45	44 18.15	-114 21.38	9376.0	979778.37	980555.93	18.59	-319.79	-1.30	0.00	103.64	-198.85	-190.92
ch46	44 19.37	-114 21.62	9425.0	979777.78	980557.77	14.19	-321.46	-1.29	0.00	105.82	-202.74	-194.65
ch47	44 33.94	-114 5.62	8464.0	979841.83	980579.74	18.69	-288.68	-1.43	0.00	57.63	-213.79	-206.68
ch48	44 31.88	-114 4.58	8375.0	979847.76	980576.63	14.77	-285.65	-1.44	0.00	58.30	-214.01	-206.87

STATION IDENTIFICATION proj	L O C A T I O N S		E L E ELE (in ft)	S T	G R A V I T Y OBSERVED	T E R R A I N BOUGUER CURV	C O R R E C T I O N S		F R E E AIR	A N O M A L I E S		S P E C FIELDS
	L A T I T U D E deg	L O N G I T U D E deg					T E R R A I N	S P E C I A L		C O M P L E T E COMPLETE-BOUGUER	d1=2.67	
cp214	44	6.01	-114	11.15	6885.0	8.70	-234.83	0.00	13.58	-214.06	-208.09	
st01	44	5.95	-114	57.10	6547.0	11.55	-223.30	0.00	-18.62	-231.89	-226.30	
st02	44	6.22	-114	55.68	6551.0	8.10	-223.44	0.00	-19.72	-236.57	-230.88	
st03	44	14.43	-114	48.22	6949.0	6.02	-237.01	0.00	10.41	-222.10	-216.00	
st04	44	31.17	-114	31.55	7889.0	4.39	-269.07	0.00	27.92	-238.24	-231.27	
st05	44	30.32	-114	45.16	6944.0	11.13	-236.84	0.00	1.53	-225.70	-219.74	
st06	44	32.14	-114	47.82	6278.0	13.52	-214.12	0.00	-18.12	-220.23	-214.93	
st07	44	33.32	-114	50.77	5789.0	10.11	-197.45	0.00	-23.19	-212.01	-207.06	
st10	44	34.20	-114	54.98	9941.0	28.23	-339.06	0.00	97.91	-214.11	-205.93	
st11	44	32.65	-114	57.28	8890.0	14.08	-303.21	0.00	74.01	-216.49	-208.88	
st12	44	30.58	-114	58.19	9002.0	14.39	-307.03	0.00	76.48	-217.52	-209.81	
st15	44	1.34	-114	56.30	7407.0	10.12	-252.63	0.00	11.58	-232.44	-226.04	
st16	44	38.82	-115	30.00	6803.0	1.98	-232.03	0.00	21.24	-210.33	-204.26	
st17	44	40.10	-115	27.23	7935.0	3.65	-270.64	0.00	56.26	-212.20	-205.16	
st18	44	39.45	-115	26.84	8008.0	3.21	-273.13	0.00	57.23	-214.16	-207.05	
st19	44	38.68	-115	26.80	7820.0	2.69	-266.72	0.00	51.89	-213.62	-206.66	
st21	44	37.12	-115	24.45	8377.0	5.97	-285.72	0.00	67.68	-213.50	-206.13	
st22	44	37.78	-115	22.48	8244.0	5.48	-281.18	0.00	63.82	-213.33	-206.06	
st23	44	39.45	-115	20.85	8853.0	12.03	-301.95	0.00	81.09	-210.21	-202.57	
st24	44	39.60	-115	19.25	8555.0	8.75	-291.79	0.00	75.66	-208.80	-201.34	
st25	44	39.54	-115	16.68	7978.0	7.72	-272.11	0.00	58.43	-207.43	-200.46	
stanley	44	13.09	-114	56.67	6262.0	2.60	-213.58	0.00	-13.54	-226.02	-220.45	
p010	44	1.47	-114	9.55	9258.0	12.41	-315.76	0.00	89.93	-214.75	-206.76	
p011	44	3.40	-114	14.75	7931.0	10.41	-270.50	0.00	48.39	-213.18	-206.32	
p012	44	4.65	-114	18.59	7818.0	3.94	-266.65	0.00	48.57	-215.62	-208.70	
p013	44	2.60	-114	21.46	10843.0	31.17	-369.82	0.00	122.13	-217.50	-208.60	