

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
BOUGUER DENSITY = 2.40 G/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

DOD PLUS UNION STATIONS. Airport Datum minus 200 mgals

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****							BOUG ANOMALY * 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	BOUG ANOMALY * 200.0	INNER			
1	38.1917	112.9233	5698.1	1463.96	2020.86	1.48	-535.75	174.50	0.0	0.0	0.0	7.88	1	2599
1	38.2133	112.8467	5399.9	1438.30	2023.19	1.45	-507.72	165.37	0.0	0.0	0.0	6.01	1	1083
1	38.6031	112.5100	6700.0	1431.20	2056.92	1.52	-629.90	205.18	0.0	0.0	0.0	-2.58	1	1 U.D.C.
2	38.6916	112.5234	6510.0	1445.52	2056.85	1.51	-612.04	199.36	0.0	0.0	0.0	-0.16	2	1
1	38.2233	112.9133	5307.7	1500.90	2023.63	1.44	-499.06	162.54	0.0	0.0	0.0	12.34	2	1083
2	38.1950	112.9717	5227.0	1493.15	2021.15	1.44	-491.47	160.07	0.0	0.0	0.0	1.97	2	2599
2	38.2150	112.9233	5272.0	1500.73	2022.90	1.44	-495.70	161.45	0.0	0.0	0.0	10.64	3	2078
3	38.2033	112.9317	5345.1	1492.51	2021.88	1.45	-502.57	163.69	0.0	0.0	0.0	8.17	3	2599
3	38.6039	112.5469	6265.0	1463.29	2057.05	1.51	-589.02	191.86	0.0	0.0	0.0	1.89	3	1
3	38.2533	112.7750	5541.0	1463.80	2026.70	1.46	-520.98	169.69	0.0	0.0	0.0	-13.07	3	1083
3	38.2733	112.6400	5891.1	1436.34	2028.02	1.49	-553.88	180.41	0.0	0.0	0.0	-19.69	3	3685
4	38.2533	112.6417	5891.1	1435.48	2026.70	1.49	-553.88	180.41	0.0	0.0	0.0	-19.24	4	2078
4	38.0167	112.7150	5823.1	1420.98	2005.53	1.49	-547.50	178.33	0.0	0.0	0.0	-16.86	4	3507
4	38.3233	112.8467	7408.1	1377.10	2032.40	1.50	-626.44	226.87	0.0	0.0	0.0	12.77	4	2599
4	38.5244	112.5276	6620.0	1437.11	2056.22	1.52	-622.38	202.73	0.0	0.0	0.0	-0.97	4	1
4	38.4233	112.4370	7875.0	1303.32	2041.18	1.48	-740.30	241.16	0.0	0.0	0.0	-35.20	4	5131
4	38.2617	112.9517	5297.6	1504.70	2026.99	1.44	-498.10	162.23	0.0	0.0	0.0	12.13	4	1083
4	38.7717	112.0333	5344.3	1495.34	2071.81	1.45	-502.54	163.68	0.0	0.0	0.0	-39.06	4	3685
5	38.5800	112.2967	5725.0	1464.72	2054.95	1.48	-538.28	175.32	0.0	0.0	0.0	-28.75	5	2078
5	38.2350	112.2200	6001.0	1413.44	2024.66	1.50	-564.21	183.77	0.0	0.0	0.0	-32.27	5	2381
5	38.3950	113.0100	4957.3	1526.17	2038.69	1.41	-466.12	151.81	0.0	0.0	0.0	0.33	5	3817
5	38.5203	112.4803	8339.9	1321.53	2049.75	1.44	-783.93	255.40	0.0	0.0	0.0	-1.08	5	5131
5	38.5997	112.5618	6120.0	1472.14	2056.68	1.50	-575.39	187.42	0.0	0.0	0.0	1.94	5	1
5	38.3433	112.8733	6534.1	1433.20	2034.60	1.51	-614.31	200.10	0.0	0.0	0.0	17.30	5	2599
5	38.2653	112.7450	5667.3	1440.10	2027.14	1.47	-532.85	173.56	0.0	0.0	0.0	-23.22	5	1083
5	38.1417	112.6150	6404.8	1387.88	2016.48	1.51	-602.17	196.14	0.0	0.0	0.0	-24.08	5	3507
6	38.6914	112.5767	6024.0	1477.58	2055.33	1.50	-566.37	184.48	0.0	0.0	0.0	1.15	6	1
6	38.3550	112.3967	6063.9	1464.37	2035.18	1.50	-570.59	185.85	0.0	0.0	0.0	12.43	6	2599
6	38.5833	112.4650	6725.0	1420.04	2055.68	1.52	-632.25	205.95	0.0	0.0	0.0	-10.85	6	2078
6	38.2750	112.6400	5891.1	1457.30	2028.16	1.49	-553.83	180.41	0.0	0.0	0.0	-18.88	6	1083
6	38.2133	112.9250	5314.9	1497.53	2022.76	1.44	-499.74	162.76	0.0	0.0	0.0	12.35	6	3507
6	38.5683	112.2567	5592.5	1472.84	2053.92	1.47	-525.82	171.26	0.0	0.0	0.0	-28.00	6	2381
6	38.5307	112.0002	9464.9	1235.10	2050.61	1.28	-889.66	289.85	0.0	0.0	0.0	-16.99	6	5131
7	38.6267	112.1083	5250.0	1484.49	2059.05	1.44	-493.63	160.78	0.0	0.0	0.0	-43.15	7	2078
7	38.3600	112.9033	5813.0	1477.83	2035.62	1.46	-546.54	178.02	0.0	0.0	0.0	9.30	7	2599
7	38.3200	112.9700	5135.8	1519.70	2032.11	1.43	-492.90	157.28	0.0	0.0	0.0	11.78	7	1083
7	38.2367	112.3783	9545.9	1201.18	2024.80	1.27	-897.23	292.33	0.0	0.0	0.0	-19.95	7	3507
7	38.7545	112.5008	5918.9	1519.42	2070.30	1.49	-556.50	181.26	0.0	0.0	0.0	22.86	7	5131
7	38.5959	112.5806	5997.0	1474.08	2056.35	1.50	-563.83	183.65	0.0	0.0	0.0	-3.58	7	1
8	38.5349	112.5847	5930.0	1466.71	2055.38	1.49	-562.24	183.13	0.0	0.0	0.0	-11.06	8	1
8	38.3367	112.5400	6118.4	1421.70	2055.33	1.50	-575.25	187.37	0.0	0.0	0.0	-27.25	8	1083
8	38.8548	112.7097	4762.1	1531.50	2080.02	1.38	-447.77	145.84	0.0	0.0	0.0	2.13	8	5131
8	38.2533	112.7900	5487.3	1467.38	2026.70	1.46	-515.99	168.06	0.0	0.0	0.0	-12.86	8	3507
8	38.3717	112.9467	5260.0	1504.65	2036.64	1.44	-495.42	161.36	0.0	0.0	0.0	0.63	8	2599
9	38.3333	112.9750	5038.0	1515.35	2037.67	1.42	-473.71	154.28	0.0	0.0	0.0	-4.31	9	2599
9	38.4067	112.6400	6375.0	1413.00	2039.72	1.51	-599.56	195.23	0.0	0.0	0.0	-24.11	9	1083
9	38.5703	112.5908	6050.0	1461.14	2054.10	1.50	-568.82	185.28	0.0	0.0	0.0	-10.91	9	1
9	38.9035	112.4950	4683.0	1614.81	2083.43	1.37	-440.80	143.56	0.0	0.0	0.0	27.24	9	5131
10	38.3467	112.6300	6325.4	1416.10	2043.23	1.51	-594.70	193.71	0.0	0.0	0.0	-27.65	10	1083
10	38.5300	112.6042	6072.0	1450.06	2051.34	1.50	-570.88	185.95	0.0	0.0	0.0	-17.85	10	1
10	38.3750	113.0100	4957.3	1526.12	2038.69	1.41	-466.12	151.81	0.0	0.0	0.0	0.33	10	3685
10	38.3333	112.9917	4984.9	1519.57	2037.67	1.41	-468.71	152.66	0.0	0.0	0.0	-3.45	10	2599
11	38.4633	112.9900	4967.6	1525.25	2044.70	1.41	-467.11	152.13	0.0	0.0	0.0	-5.87	11	2599
11	38.4950	112.6133	6311.3	1426.60	2047.48	1.51	-593.33	193.28	0.0	0.0	0.0	-22.29	11	1083

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					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	INNER	OUTER			
11	38.5433	112.5936	6092.0	1457.35	2053.43	1.50	-572.76	186.56	0.0	0.0	0.0	-11.43	11	1
12	38.5450	112.6017	6066.9	1452.30	2051.37	1.50	-570.41	185.79	0.0	0.0	0.0	-16.46	12	1083
12	38.5493	112.5996	6068.0	1452.13	2052.25	1.50	-570.51	185.83	0.0	0.0	0.0	-16.94	12	1
12	38.4650	112.9733	5011.1	1519.90	2044.34	1.41	-471.13	153.46	0.0	0.0	0.0	-8.64	12	2599
12	38.3967	113.0083	4957.3	1525.64	2038.84	1.41	-466.12	151.81	0.0	0.0	0.0	-0.30	12	2381
13	38.4667	112.9567	5090.9	1513.27	2044.79	1.42	-478.67	155.90	0.0	0.0	0.0	-10.37	13	2599
13	38.5271	112.6047	6110.0	1445.01	2050.30	1.50	-574.46	187.11	0.0	0.0	0.0	-19.45	13	1
13	38.5767	112.3500	5897.3	1453.50	2054.66	1.49	-554.46	180.60	0.0	0.0	0.0	-28.78	13	1083
14	38.5170	112.6047	6160.0	1440.01	2049.41	1.50	-579.15	188.84	0.0	0.0	0.0	-20.40	14	1
14	38.5317	112.4500	6536.7	1427.70	2055.10	1.51	-614.55	200.18	0.0	0.0	0.0	-14.54	14	1083
14	38.4633	112.9350	5198.1	1509.01	2045.13	1.43	-488.76	159.19	0.0	0.0	0.0	-7.99	14	2599
15	38.4717	112.9167	5332.0	1504.17	2045.43	1.45	-501.34	163.29	0.0	0.0	0.0	-4.65	15	2599
15	38.3950	113.0033	4957.0	1525.98	2038.69	1.41	-466.09	151.80	0.0	0.0	0.0	0.17	15	3507
15	38.5850	112.4067	6180.4	1447.60	2055.39	1.50	-581.07	189.27	0.0	0.0	0.0	-17.49	15	1083
15	38.5015	112.6099	6245.0	1430.48	2048.05	1.51	-587.14	191.25	0.0	0.0	0.0	-23.18	15	1
15	38.1167	112.3367	6270.0	1384.89	2014.29	1.51	-589.50	192.01	0.0	0.0	0.0	-33.42	15	3598
15	38.1733	112.2750	6061.0	1401.79	2019.25	1.50	-569.86	185.61	0.0	0.0	0.0	-34.72	16	3598
16	38.5617	112.2650	5681.7	1469.50	2055.98	1.47	-532.33	173.38	0.0	0.0	0.0	-29.01	16	1083
16	38.5086	112.6045	6260.0	1434.25	2048.67	1.51	-588.55	191.71	0.0	0.0	0.0	-19.09	16	1
16	38.4733	112.8917	5527.9	1498.34	2045.57	1.46	-519.75	169.29	0.0	0.0	0.0	1.76	16	2599
17	38.4833	112.8500	6057.1	1475.27	2046.45	1.50	-569.43	185.49	0.0	0.0	0.0	11.31	17	2599
17	38.6107	112.5991	5939.0	1479.40	2057.65	1.49	-558.33	181.88	0.0	0.0	0.0	-3.24	17	1
17	38.5933	112.4983	7230.9	1394.00	2056.12	1.51	-679.79	221.44	0.0	0.0	0.0	-5.28	17	1083
17	38.4500	112.2283	5827.1	1427.49	2043.52	1.49	-547.37	178.45	0.0	0.0	0.0	-48.10	17	3598
17	38.0850	113.2292	5171.9	1491.61	2011.51	1.43	-486.29	158.38	0.0	0.0	0.0	6.58	17	3816
18	38.6833	112.1533	5323.1	1485.79	2064.04	1.45	-500.50	163.02	0.0	0.0	0.0	-42.21	18	3598
18	38.6000	112.5067	6901.9	1417.40	2056.71	1.52	-648.87	211.36	0.0	0.0	0.0	-3.32	18	1083
18	38.6148	112.5233	5891.0	1433.16	2058.01	1.49	-553.87	180.41	0.0	0.0	0.0	2.13	18	1
18	38.4967	112.7867	7262.1	1392.17	2047.62	1.51	-632.72	222.39	0.0	0.0	0.0	3.36	18	2599
18	38.0705	112.6877	5912.7	1421.00	2010.24	1.49	-555.92	181.07	0.0	0.0	0.0	-15.89	18	4099
19	38.2392	112.6462	5913.9	1436.11	2025.02	1.49	-556.50	181.26	0.0	0.0	0.0	-15.16	19	4099
19	38.6226	112.6367	5875.0	1492.13	2058.70	1.49	-552.37	179.92	0.0	0.0	0.0	4.45	19	1
19	38.6017	112.5233	6590.5	1440.40	2056.85	1.52	-619.61	201.83	0.0	0.0	0.0	-0.19	19	1083
19	38.2625	112.1203	7944.9	1302.16	2027.07	1.47	-736.87	243.30	0.0	0.0	0.0	-22.81	19	5165
19	38.7700	112.0850	5294.9	1492.19	2071.67	1.44	-497.85	162.15	0.0	0.0	0.0	-45.22	19	3598
19	38.1500	113.0850	5369.1	1490.60	2017.21	1.45	-504.83	164.42	0.0	0.0	0.0	12.35	19	2599
20	38.2658	112.0642	8964.9	1240.13	2027.36	1.36	-842.70	274.54	0.0	0.0	0.0	-20.44	20	5165
20	38.5033	112.5533	6195.5	1467.60	2057.00	1.50	-582.49	189.73	0.0	0.0	0.0	1.85	20	1083
20	38.5665	112.5762	6553.0	1448.54	2053.67	1.51	-595.88	194.09	0.0	0.0	0.0	-4.86	20	1
20	38.3542	112.6333	6118.7	1422.25	2035.11	1.50	-575.28	187.38	0.0	0.0	0.0	-26.46	20	4099
20	38.1500	113.1300	5591.8	1471.02	2017.21	1.47	-525.76	171.24	0.0	0.0	0.0	6.86	20	2599
21	38.1550	113.1417	5240.1	1494.62	2017.65	1.44	-492.71	160.47	0.0	0.0	0.0	7.77	21	2599
21	38.6033	112.5817	5998.0	1476.10	2057.00	1.50	-553.93	183.68	0.0	0.0	0.0	-2.15	21	1083
21	38.5083	112.6042	6259.3	1434.31	2048.65	1.51	-588.53	191.70	0.0	0.0	0.0	-19.01	21	4099
21	38.5580	112.5637	6646.0	1426.86	2053.02	1.52	-624.82	203.53	0.0	0.0	0.0	-6.38	21	1
21	38.3087	112.1500	6682.1	1377.46	2031.12	1.52	-628.22	204.63	0.0	0.0	0.0	-31.59	21	5165
22	38.6267	112.2000	5410.7	1436.50	2059.05	1.45	-508.74	165.70	0.0	0.0	0.0	-30.97	22	1083
22	38.3117	112.3333	11165.0	1092.93	2031.38	0.89	-1049.34	341.92	0.0	0.0	0.0	-31.92	22	5165
22	38.5497	112.5652	6735.0	1418.69	2052.29	1.52	-633.19	206.25	0.0	0.0	0.0	-8.18	22	1
22	38.6017	112.5808	5997.7	1476.29	2056.85	1.50	-563.90	183.67	0.0	0.0	0.0	-1.83	22	4099
22	38.1567	113.2050	5047.9	1503.16	2017.79	1.42	-474.64	154.59	0.0	0.0	0.0	4.00	22	2599
22	38.1567	113.2050	5047.9	1503.51	2017.79	1.42	-474.64	154.59	0.0	0.0	0.0	4.35	22	3816
23	38.5413	112.5645	6920.0	1407.70	2051.55	1.52	-650.57	211.92	0.0	0.0	0.0	-6.71	23	1
23	38.7675	112.5408	4947.8	1582.18	2071.45	1.40	-465.22	151.52	0.0	0.0	0.0	23.03	23	4099
23	38.6867	112.1250	5339.5	1487.40	2064.33	1.45	-502.04	163.52	0.0	0.0	0.0	-39.85	23	1083

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					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	INNER	OUTER			
23	38.3703	112.0525	9686.0	1203.98	2036.57	1.24	-910.43	296.62	0.0	0.0	0.0	-20.02	23	5165
23	38.1583	112.0800	5268.0	1495.95	2017.94	1.44	-495.33	161.33	0.0	0.0	0.0	10.57	23	2599
24	38.4025	112.0975	3567.9	1272.39	2039.35	1.41	-805.40	262.38	0.0	0.0	0.0	-25.36	24	5165
24	38.7383	112.0933	5268.0	1492.70	2068.88	1.44	-495.32	161.33	0.0	0.0	0.0	-43.63	24	1083
24	38.5320	112.5613	7189.0	1386.49	2050.73	1.51	-675.85	220.16	0.0	0.0	0.0	-10.06	24	1
24	38.8400	112.4258	4855.0	1599.15	2077.83	1.39	-456.50	148.68	0.0	0.0	0.0	27.74	24	4099
24	38.1633	113.1117	5120.1	1503.36	2018.38	1.42	-481.42	156.80	0.0	0.0	0.0	8.18	24	2599
25	38.1667	113.1400	5133.8	1501.49	2016.67	1.43	-482.72	157.22	0.0	0.0	0.0	6.90	25	2599
25	38.5215	112.5625	7140.0	1387.56	2049.81	1.51	-671.24	218.66	0.0	0.0	0.0	-11.17	25	1
25	38.7733	112.0850	5339.2	1496.30	2071.96	1.45	-502.01	163.51	0.0	0.0	0.0	-38.61	25	1083
25	38.4508	112.0533	9436.0	1225.59	2043.60	1.29	-886.95	288.97	0.0	0.0	0.0	-21.31	25	5165
25	38.9675	112.3228	5134.3	1593.27	2089.07	1.43	-432.80	157.25	0.0	0.0	0.0	28.32	25	4099
26	38.7967	112.0317	5277.2	1501.70	2074.02	1.44	-496.18	161.61	0.0	0.0	0.0	-39.18	26	1083
26	38.5113	112.5649	7290.0	1376.61	2048.91	1.51	-685.34	223.25	0.0	0.0	0.0	-11.72	26	1
26	38.4608	112.4000	11305.1	1085.67	2044.48	0.85	-1062.49	346.21	0.0	0.0	0.0	-43.37	26	5165
26	38.1667	113.1733	5075.1	1503.51	2018.67	1.42	-477.20	155.42	0.0	0.0	0.0	5.20	26	2599
27	38.5026	112.5676	6880.0	1378.01	2048.14	1.52	-646.81	210.69	0.0	0.0	0.0	-15.53	27	1
27	38.4887	112.8432	6178.1	1467.23	2046.92	1.50	-530.86	189.20	0.0	0.0	0.0	10.46	27	5165
27	38.1717	113.0800	5143.0	1504.49	2019.10	1.43	-483.58	157.50	0.0	0.0	0.0	10.04	27	2599
27	38.3967	113.0133	4957.3	1527.10	2038.84	1.41	-466.12	151.81	0.0	0.0	0.0	1.16	27	1083
28	38.4183	113.0583	5152.2	1529.50	2040.74	1.43	-434.44	157.78	0.0	0.0	0.0	13.99	28	1083
28	38.6717	112.5608	5806.1	1505.46	2063.01	1.48	-545.89	177.81	0.0	0.0	0.0	9.05	28	5165
28	38.5037	112.5828	6640.0	1412.63	2048.24	1.52	-624.26	203.34	0.0	0.0	0.0	-16.21	28	1
28	38.1733	113.2033	5037.1	1504.00	2019.25	1.41	-473.62	154.25	0.0	0.0	0.0	2.70	28	2599
29	38.5077	112.5962	6400.0	1427.52	2048.59	1.51	-601.71	195.99	0.0	0.0	0.0	-16.88	29	1
29	38.6717	112.6920	5724.1	1507.92	2063.01	1.48	-538.18	175.29	0.0	0.0	0.0	6.32	29	5165
29	38.1783	113.0250	5151.9	1505.42	2019.69	1.43	-484.41	157.77	0.0	0.0	0.0	10.94	29	2599
30	38.1783	113.0550	5138.1	1507.92	2019.69	1.43	-483.12	157.35	0.0	0.0	0.0	12.57	30	2599
30	38.5216	112.5830	6580.0	1420.79	2049.81	1.52	-618.62	201.51	0.0	0.0	0.0	-13.42	30	1
30	38.7867	112.3225	8148.9	1373.42	2073.13	1.46	-766.03	249.55	0.0	0.0	0.0	15.31	30	5165
31	38.5264	112.5945	6280.0	1437.43	2050.24	1.51	-590.43	192.32	0.0	0.0	0.0	-16.21	31	1
31	38.8317	112.3960	5076.1	1531.89	2077.10	1.42	-477.28	155.45	0.0	0.0	0.0	25.20	31	5165
31	38.0023	112.9438	6110.9	1422.00	2004.28	1.50	-574.54	187.14	0.0	0.0	0.0	3.63	31	5118
31	38.1800	113.2167	5046.9	1501.30	2019.83	1.42	-474.54	154.56	0.0	0.0	0.0	0.04	31	2599
31	38.4617	113.1283	5555.4	1515.90	2044.55	1.47	-522.34	170.13	0.0	0.0	0.0	22.09	31	1083
32	38.1950	113.1400	5028.9	1509.93	2021.15	1.41	-472.85	154.00	0.0	0.0	0.0	6.21	32	2599
32	38.4683	113.1950	5993.7	1478.90	2045.13	1.50	-563.53	183.55	0.0	0.0	0.0	12.25	32	1083
32	38.9550	112.6020	4667.0	1604.46	2087.97	1.37	-438.32	142.92	0.0	0.0	0.0	11.03	32	5165
32	38.6140	112.5803	6033.0	1477.11	2057.94	1.50	-567.22	184.75	0.0	0.0	0.0	0.13	32	1
32	38.0930	112.8172	6122.7	1416.57	2004.77	1.50	-575.65	187.50	0.0	0.0	0.0	-1.55	32	5118
33	38.0408	112.3565	6765.4	1383.33	2007.65	1.52	-636.05	207.18	0.0	0.0	0.0	3.04	33	5118
33	38.6313	112.5728	6160.0	1473.84	2059.46	1.50	-579.15	188.64	0.0	0.0	0.0	3.39	33	1
33	38.2183	113.1683	5035.1	1513.37	2023.19	1.41	-473.43	154.19	0.0	0.0	0.0	8.00	33	2599
33	38.9633	112.2325	7048.9	1468.01	2088.71	1.51	-662.67	215.86	0.0	0.0	0.0	24.60	33	5165
34	38.9792	112.2730	5599.1	1557.94	2090.10	1.47	-526.43	171.47	0.0	0.0	0.0	31.33	34	5165
34	38.6375	112.5579	6360.0	1465.11	2060.00	1.51	-597.95	194.77	0.0	0.0	0.0	6.78	34	1
34	38.0410	112.9912	6301.5	1413.20	2007.66	1.51	-592.46	192.98	0.0	0.0	0.0	3.51	34	5118
34	38.2217	113.1017	5035.1	1513.91	2023.49	1.41	-473.43	154.19	0.0	0.0	0.0	8.25	34	2599
35	38.0623	112.9185	6402.9	1408.05	2009.53	1.51	-601.98	196.08	0.0	0.0	0.0	2.91	35	5118
35	38.6238	112.5906	6060.0	1474.95	2058.80	1.50	-569.75	185.58	0.0	0.0	0.0	-1.17	35	1
35	38.2217	113.1400	5019.0	1513.47	2023.49	1.41	-471.92	153.70	0.0	0.0	0.0	6.79	35	2599
35	38.2217	113.1950	5078.1	1505.52	2023.49	1.42	-477.47	155.51	0.0	0.0	0.0	2.58	36	2599
35	38.6361	112.5969	6190.0	1470.58	2059.88	1.50	-581.97	189.56	0.0	0.0	0.0	1.61	36	1
36	38.0752	112.9577	6510.1	1401.29	2010.65	1.51	-612.07	199.37	0.0	0.0	0.0	1.82	36	5118
37	38.0843	112.9962	6627.9	1396.41	2011.50	1.52	-623.13	202.97	0.0	0.0	0.0	3.56	37	5118

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****				***** TERRAIN *****			BOUG ANOMALY + 200.0	STA #	MAP #
					*LATITUDE	CURV	FREE AIR	BOUG	INNER	OUTER	TOTAL			
37	38.6466	112.5945	5900.0	1493.02	2060.80	1.49	-554.72	180.68	0.0	0.0	0.0	4.76	37	1
37	38.2217	113.2233	5214.9	1500.02	2023.49	1.43	-490.33	159.70	0.0	0.0	0.0	5.73	37	2599
38	38.6589	112.5906	5750.0	1506.52	2061.89	1.48	-540.62	176.09	0.0	0.0	0.0	7.68	38	1
38	38.2367	113.0033	5122.0	1507.63	2024.80	1.42	-431.61	156.86	0.0	0.0	0.0	6.15	38	2599
38	38.3133	112.0542	3791.0	1262.37	2031.53	1.35	-826.36	269.21	0.0	0.0	0.0	-13.40	38	5118
39	38.2367	113.0467	5073.1	1513.76	2024.80	1.42	-477.01	155.36	0.0	0.0	0.0	9.19	39	2599
39	38.6591	112.5730	5787.0	1503.99	2061.91	1.48	-544.10	177.22	0.0	0.0	0.0	7.48	39	1
39	38.3533	112.3922	10172.9	1172.80	2035.04	1.14	-956.16	311.53	0.0	0.0	0.0	-18.75	39	5118
40	38.6139	112.5432	6414.0	1454.66	2057.93	1.51	-603.02	196.42	0.0	0.0	0.0	1.82	40	1
40	38.2367	113.0833	5039.0	1512.73	2024.80	1.42	-473.80	154.32	0.0	0.0	0.0	6.00	40	2599
40	38.3697	112.2223	6166.0	1407.02	2036.47	1.50	-579.72	183.83	0.0	0.0	0.0	-40.06	40	5118
41	38.4175	112.3197	7663.0	1317.07	2040.67	1.49	-720.85	234.82	0.0	0.0	0.0	-39.06	41	5118
41	38.6212	112.5410	6520.0	1443.40	2058.58	1.51	-612.98	199.67	0.0	0.0	0.0	1.63	41	1
41	38.2400	113.2417	5665.0	1472.64	2025.09	1.47	-532.64	173.49	0.0	0.0	0.0	5.22	41	2599
42	38.6183	112.5591	6425.0	1457.82	2058.32	1.51	-604.06	196.76	0.0	0.0	0.0	5.29	42	1
42	38.4498	112.2215	5827.1	1429.31	2043.51	1.49	-547.87	178.45	0.0	0.0	0.0	-46.27	42	5118
42	38.2517	113.0650	5044.9	1512.19	2026.12	1.42	-474.36	154.50	0.0	0.0	0.0	4.52	42	2599
43	38.5203	112.3803	8272.0	1295.28	2049.70	1.45	-777.60	255.52	0.0	0.0	0.0	-31.59	43	5118
43	38.5980	112.5408	6410.0	1452.15	2056.53	1.51	-602.65	196.30	0.0	0.0	0.0	0.45	43	1
43	38.2553	113.2447	5503.9	1488.23	2026.44	1.46	-517.50	168.55	0.0	0.0	0.0	9.28	43	2599
44	38.2583	113.2257	5567.9	1484.89	2026.70	1.47	-523.51	170.51	0.0	0.0	0.0	9.72	44	2599
44	38.5942	112.5500	6500.0	1444.08	2056.20	1.51	-611.10	199.06	0.0	0.0	0.0	-1.58	44	1
44	38.5413	112.2658	5751.0	1454.42	2051.55	1.48	-540.71	176.12	0.0	0.0	0.0	-34.02	44	5118
45	38.5452	112.0900	9377.9	1231.50	2051.89	1.30	-881.49	287.19	0.0	0.0	0.0	-27.38	45	5118
45	38.5888	112.5645	6280.0	1458.42	2055.72	1.51	-590.43	192.32	0.0	0.0	0.0	-0.70	45	1
46	38.5756	112.5708	6326.0	1450.99	2054.56	1.51	-594.75	193.73	0.0	0.0	0.0	-4.06	46	1
46	38.6183	112.7208	5621.0	1510.26	2058.32	1.47	-528.50	172.14	0.0	0.0	0.0	6.83	46	5118
47	38.5513	112.5815	6320.0	1442.22	2052.42	1.51	-594.19	193.54	0.0	0.0	0.0	-11.07	47	1
47	38.6227	112.0393	9209.9	1248.38	2058.70	1.33	-865.71	282.04	0.0	0.0	0.0	-27.98	47	5118
47	38.2650	113.0567	5042.0	1512.88	2027.29	1.42	-474.08	154.41	0.0	0.0	0.0	3.85	47	2599
48	38.2650	113.0750	5028.9	1515.87	2027.29	1.41	-472.85	154.00	0.0	0.0	0.0	6.01	48	2599
48	38.5379	112.6196	6060.0	1449.67	2051.25	1.50	-569.76	185.53	0.0	0.0	0.0	-18.90	48	1
48	38.6737	112.4330	7164.0	1416.70	2063.19	1.51	-673.50	219.39	0.0	0.0	0.0	6.11	48	5118
49	38.5300	112.6372	6095.0	1446.30	2050.55	1.50	-573.05	186.65	0.0	0.0	0.0	-19.36	49	1
49	38.6877	112.2847	8325.1	1324.64	2064.42	1.44	-782.59	254.95	0.0	0.0	0.0	-13.58	49	5118
49	38.2650	113.1150	5014.1	1523.83	2027.29	1.41	-471.46	153.55	0.0	0.0	0.0	13.04	49	2599
50	38.2650	113.1833	5537.9	1498.60	2027.29	1.45	-501.90	163.47	0.0	0.0	0.0	8.29	50	2599
50	38.5162	112.6235	6140.0	1440.35	2049.34	1.50	-577.27	188.03	0.0	0.0	0.0	-21.25	50	1
51	38.7325	112.6812	5204.1	1541.07	2068.37	1.43	-489.31	159.37	0.0	0.0	0.0	1.21	51	5118
51	38.5947	112.6060	5945.0	1475.76	2056.25	1.49	-558.95	182.06	0.0	0.0	0.0	-5.09	51	1
51	38.2652	113.1017	5015.1	1522.01	2027.30	1.41	-471.55	153.58	0.0	0.0	0.0	11.27	51	2599
52	38.6755	112.5898	5694.0	1513.91	2063.35	1.48	-535.36	174.37	0.0	0.0	0.0	10.07	52	1
52	38.2652	113.1680	5275.9	1507.52	2027.30	1.44	-496.07	161.57	0.0	0.0	0.0	13.28	52	2599
52	38.7408	112.2127	7975.0	1363.82	2069.10	1.47	-749.70	244.23	0.0	0.0	0.0	-1.28	52	5118
53	38.6870	112.5874	5735.0	1516.52	2064.36	1.48	-539.21	175.63	0.0	0.0	0.0	14.26	53	1
53	38.7425	112.6003	5087.9	1555.41	2069.25	1.42	-473.39	155.81	0.0	0.0	0.0	7.32	53	5118
53	38.2653	113.0833	5025.9	1517.39	2027.32	1.41	-472.57	153.91	0.0	0.0	0.0	7.32	53	2599
54	38.6755	112.5698	5757.0	1511.87	2063.35	1.48	-541.28	176.30	0.0	0.0	0.0	12.01	54	1
54	38.7453	112.5743	5028.9	1571.16	2069.50	1.41	-472.84	154.00	0.0	0.0	0.0	19.09	54	5118
54	38.2653	113.1290	5051.8	1520.39	2027.32	1.42	-475.01	154.71	0.0	0.0	0.0	11.96	54	2599
55	38.6752	112.5505	5918.0	1500.24	2063.32	1.49	-556.41	181.23	0.0	0.0	0.0	10.60	55	1
55	38.2655	113.0650	5037.1	1514.00	2027.33	1.41	-473.62	154.25	0.0	0.0	0.0	4.62	55	2599
55	38.7543	112.3675	5575.1	1532.18	2070.29	1.47	-524.18	170.73	0.0	0.0	0.0	13.88	55	5118
56	38.6731	112.5217	6200.0	1479.59	2063.14	1.51	-582.91	189.87	0.0	0.0	0.0	7.99	56	1
56	38.7570	112.7240	5140.1	1546.73	2070.52	1.43	-483.29	157.41	0.0	0.0	0.0	0.67	56	5118

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****							BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	---- INNER	TERRAIN OUTER	----* TOTAL			
56	38.2655	113.1940	5387.1	1493.53	2027.33	1.45	-506.52	164.98	0.0	0.0	0.0	6.29	56	2599
57	38.6778	112.5359	6040.0	1492.12	2063.55	1.50	-567.87	184.97	0.0	0.0	0.0	9.97	57	1
57	38.7593	112.6025	5054.1	1564.34	2070.73	1.42	-475.22	154.78	0.0	0.0	0.0	12.63	57	5118
57	38.2657	113.0463	5053.1	1512.29	2027.34	1.42	-475.13	154.75	0.0	0.0	0.0	3.91	57	2599
58	38.2653	113.0092	5095.1	1512.87	2027.36	1.42	-479.08	156.03	0.0	0.0	0.0	7.13	58	2599
58	38.6530	112.5527	6180.0	1485.09	2061.37	1.50	-581.03	189.26	0.0	0.0	0.0	13.99	58	1
58	38.8015	112.4367	5015.1	1582.91	2074.44	1.41	-471.55	153.58	0.0	0.0	0.0	25.02	58	5118
59	38.6623	112.5625	5830.0	1503.59	2062.19	1.49	-548.14	178.54	0.0	0.0	0.0	9.52	59	1
59	38.8152	112.6548	4862.8	1573.15	2075.65	1.39	-457.24	148.92	0.0	0.0	0.0	4.43	59	5118
59	38.2658	113.0200	5088.9	1512.24	2027.36	1.42	-478.49	155.84	0.0	0.0	0.0	6.11	59	2599
60	38.6420	112.6404	5912.0	1495.48	2060.40	1.49	-555.85	181.05	0.0	0.0	0.0	8.39	60	1
60	38.8342	112.2685	10087.9	1253.56	2077.32	1.16	-948.17	308.93	0.0	0.0	0.0	14.32	60	5118
61	38.8387	112.0060	5334.0	1505.13	2077.72	1.45	-501.52	163.35	0.0	0.0	0.0	-35.86	61	5118
61	38.6563	112.6411	5945.0	1498.57	2061.66	1.49	-558.95	182.06	0.0	0.0	0.0	12.30	61	1
62	38.6629	112.6467	5992.0	1496.69	2062.24	1.50	-563.56	183.50	0.0	0.0	0.0	12.82	62	1
62	38.8482	112.5500	4693.9	1604.47	2078.55	1.37	-441.35	143.75	0.0	0.0	0.0	22.15	62	5118
63	38.6799	112.6289	6100.0	1494.25	2063.74	1.50	-573.51	186.81	0.0	0.0	0.0	15.72	63	1
63	38.8700	112.1953	9265.1	1313.81	2080.48	1.32	-870.88	283.73	0.0	0.0	0.0	19.16	63	5118
63	38.2800	113.0283	5053.1	1515.14	2028.60	1.42	-475.13	154.75	0.0	0.0	0.0	5.50	63	2599
64	38.2800	113.0467	5034.1	1516.26	2028.60	1.41	-473.34	154.16	0.0	0.0	0.0	5.42	64	2599
64	38.6755	112.6072	6080.0	1493.67	2063.35	1.50	-571.63	186.19	0.0	0.0	0.0	14.26	64	1
64	38.8773	112.4113	4821.8	1604.47	2081.12	1.39	-453.38	147.66	0.0	0.0	0.0	27.68	64	5118
65	38.6579	112.6138	6120.0	1485.85	2061.80	1.50	-575.39	187.42	0.0	0.0	0.0	10.52	65	1
65	38.9053	112.6350	4785.1	1589.32	2083.64	1.38	-449.93	146.54	0.0	0.0	0.0	7.69	65	5118
65	38.2800	113.0567	5023.9	1518.08	2028.60	1.41	-472.38	153.85	0.0	0.0	0.0	6.60	65	2599
66	38.2800	113.0550	5022.9	1519.65	2028.60	1.41	-472.29	153.82	0.0	0.0	0.0	8.10	66	2599
66	38.6360	112.6096	6156.0	1477.60	2059.88	1.50	-578.78	188.52	0.0	0.0	0.0	6.47	66	1
66	38.9213	112.2368	5989.1	1534.47	2085.00	1.50	-563.09	183.41	0.0	0.0	0.0	27.65	66	5118
67	38.5327	112.5933	5995.0	1467.86	2055.19	1.50	-563.65	183.59	0.0	0.0	0.0	-8.76	67	1
67	38.9412	112.5385	4671.9	1613.23	2086.75	1.37	-439.29	143.07	0.0	0.0	0.0	21.33	67	5118
67	38.2800	113.1050	5001.0	1526.30	2028.60	1.41	-470.23	153.15	0.0	0.0	0.0	13.36	67	2599
68	38.2800	113.1900	5482.9	1492.27	2028.60	1.46	-515.52	167.91	0.0	0.0	0.0	9.82	68	2599
68	38.5691	112.6035	6030.0	1459.14	2053.99	1.50	-566.94	184.66	0.0	0.0	0.0	-14.07	68	1
68	38.9455	112.1327	9390.1	1313.59	2087.13	1.30	-882.62	287.56	0.0	0.0	0.0	20.22	68	5118
69	38.9493	112.0208	6698.1	1464.74	2087.47	1.52	-629.72	205.12	0.0	0.0	0.0	0.34	69	5118
69	38.5450	112.6077	6050.0	1452.27	2051.87	1.50	-568.82	185.28	0.0	0.0	0.0	-17.56	69	1
70	38.5815	112.6030	6040.0	1464.75	2055.08	1.50	-567.88	184.97	0.0	0.0	0.0	-8.93	70	1
70	38.9643	112.4465	4670.9	1623.32	2088.79	1.37	-439.19	143.04	0.0	0.0	0.0	29.31	70	5118
70	38.2805	113.0092	5071.8	1514.99	2028.65	1.42	-476.89	155.32	0.0	0.0	0.0	6.49	70	2599
71	38.6072	112.5900	5942.0	1473.35	2057.34	1.49	-558.67	181.97	0.0	0.0	0.0	-3.79	71	1
71	38.9713	112.3518	4989.2	1604.32	2089.41	1.41	-469.11	152.79	0.0	0.0	0.0	29.82	71	5118
71	38.2825	113.1507	5203.1	1516.51	2028.82	1.43	-489.22	159.34	0.0	0.0	0.0	16.14	71	2599
72	38.9942	112.1387	10072.1	1270.39	2091.43	1.17	-946.69	308.45	0.0	0.0	0.0	16.04	72	5118
72	38.6306	112.6589	5844.0	1498.57	2059.40	1.49	-549.46	178.97	0.0	0.0	0.0	8.17	72	1
72	38.2833	113.0283	5044.9	1516.26	2029.33	1.42	-474.36	154.50	0.0	0.0	0.0	5.37	72	2599
73	38.2917	113.0650	4998.0	1523.97	2029.63	1.41	-469.95	153.06	0.0	0.0	0.0	9.82	73	2599
73	38.6262	112.6877	5749.0	1502.63	2059.01	1.48	-540.53	176.06	0.0	0.0	0.0	6.61	73	1
74	38.6185	112.7207	5621.0	1510.25	2058.34	1.47	-528.50	172.14	0.0	0.0	0.0	6.81	74	1
74	38.2950	113.0092	5054.1	1517.34	2029.92	1.42	-475.22	154.78	0.0	0.0	0.0	6.45	74	2599
75	38.2950	113.0283	5036.1	1517.74	2029.92	1.41	-473.53	154.22	0.0	0.0	0.0	5.71	75	2599
75	38.6350	112.7034	5698.0	1506.98	2059.78	1.48	-535.73	174.50	0.0	0.0	0.0	6.96	75	1
76	38.6555	112.6970	5774.0	1504.62	2061.59	1.48	-542.88	176.82	0.0	0.0	0.0	7.61	76	1
76	38.2950	113.0467	5019.0	1520.58	2029.92	1.41	-471.92	153.70	0.0	0.0	0.0	7.47	76	2599
77	38.2950	113.0567	5018.0	1522.15	2029.92	1.41	-471.83	153.67	0.0	0.0	0.0	8.97	77	2599
77	38.6718	112.6919	5724.0	1507.93	2063.02	1.48	-538.13	175.29	0.0	0.0	0.0	6.31	77	1

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELFV	OBSERVED GRAVITY	***** CORRECTIONS *****				*****			BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	INNER	OUTER			
				+	-	-	+	-						
78	38.6911	112.6919	5700.0	1503.51	2064.72	1.48	-535.92	174.56	0.0	0.0	0.0	3.67	78	1
78	38.2983	113.0883	5003.9	1527.94	2030.21	1.41	-470.50	153.24	0.0	0.0	0.0	13.58	78	2599
79	38.3017	113.0467	5007.9	1522.94	2030.50	1.41	-470.87	153.36	0.0	0.0	0.0	8.54	79	2599
79	38.6954	112.7043	5781.0	1503.44	2065.10	1.48	-543.53	177.04	0.0	0.0	0.0	3.36	79	1
80	38.7199	112.7099	5621.0	1514.14	2066.39	1.47	-528.50	172.14	0.0	0.0	0.0	2.64	80	1
81	38.7090	112.7290	5860.0	1500.40	2066.30	1.49	-550.96	179.46	0.0	0.0	0.0	4.11	81	1
82	38.7229	112.7397	5696.0	1510.59	2057.44	1.48	-535.54	174.43	0.0	0.0	0.0	2.78	82	1
83	38.7370	112.7444	5580.0	1517.21	2068.76	1.47	-524.64	170.88	0.0	0.0	0.0	0.75	83	1
84	38.7192	112.6938	5455.0	1525.50	2067.19	1.46	-512.89	167.05	0.0	0.0	0.0	2.69	84	1
84	38.3067	113.1150	5083.0	1526.67	2030.94	1.42	-477.93	155.66	0.0	0.0	0.0	16.58	84	2599
85	38.3083	113.2333	6126.9	1462.19	2031.09	1.50	-576.05	187.63	0.0	0.0	0.0	18.02	85	2599
85	38.7323	112.6812	5204.0	1541.08	2068.39	1.43	-489.30	159.37	0.0	0.0	0.0	1.19	85	1
86	38.7176	112.6479	5497.0	1530.51	2067.05	1.46	-516.84	168.34	0.0	0.0	0.0	10.50	86	1
86	38.3993	113.0092	5029.3	1519.85	2031.22	1.41	-472.94	154.03	0.0	0.0	0.0	6.12	86	2599
87	38.3100	113.0183	5032.1	1519.85	2031.23	1.41	-473.15	154.10	0.0	0.0	0.0	6.25	87	2599
87	38.7029	112.6553	5700.0	1516.06	2065.77	1.48	-535.92	174.56	0.0	0.0	0.0	10.18	87	1
88	38.6913	112.6667	5835.0	1503.76	2064.74	1.49	-548.61	178.69	0.0	0.0	0.0	7.45	88	1
88	38.3100	113.0283	5022.9	1521.02	2031.23	1.41	-472.29	153.82	0.0	0.0	0.0	6.84	88	2599
89	38.3100	113.0367	5018.0	1522.50	2031.23	1.41	-471.83	153.67	0.0	0.0	0.0	8.01	89	2599
89	38.6748	112.6604	6020.0	1493.50	2063.29	1.50	-566.00	184.36	0.0	0.0	0.0	10.36	89	1
90	38.5280	112.6553	6091.0	1451.78	2050.37	1.50	-572.67	186.53	0.0	0.0	0.0	-13.95	90	1
90	38.3100	113.0467	5007.3	1524.41	2031.23	1.41	-471.06	153.42	0.0	0.0	0.0	9.40	90	2599
91	38.5286	112.6914	6026.0	1463.13	2050.43	1.50	-566.56	184.54	0.0	0.0	0.0	-6.77	91	1
91	38.3117	113.2150	5821.8	1477.74	2031.38	1.49	-547.38	178.29	0.0	0.0	0.0	13.96	91	2599
92	38.3133	113.2117	5837.6	1476.36	2031.53	1.49	-548.86	178.77	0.0	0.0	0.0	13.93	92	2599
92	38.5377	112.7122	5851.0	1478.20	2051.23	1.49	-550.11	179.18	0.0	0.0	0.0	-3.59	92	1
93	38.5385	112.7258	5830.0	1479.24	2051.30	1.49	-548.14	178.54	0.0	0.0	0.0	-3.95	93	1
93	38.3150	113.2050	5811.7	1478.04	2031.67	1.48	-546.42	177.98	0.0	0.0	0.0	13.33	93	2599
94	38.3150	113.2083	5805.0	1472.35	2031.67	1.49	-554.34	180.56	0.0	0.0	0.0	12.97	94	2599
94	38.5247	112.7393	5996.0	1467.38	2050.09	1.50	-563.74	183.62	0.0	0.0	0.0	-4.09	94	1
95	38.5069	112.7492	6285.0	1451.53	2048.52	1.51	-590.90	192.47	0.0	0.0	0.0	-0.07	95	1
95	38.3167	113.2017	5771.0	1479.76	2031.82	1.48	-542.60	176.73	0.0	0.0	0.0	12.32	95	2599
96	38.5456	112.7366	5750.0	1485.95	2051.93	1.43	-540.62	176.09	0.0	0.0	0.0	-2.93	96	1
97	38.5582	112.7466	5668.0	1494.73	2053.03	1.47	-532.92	173.58	0.0	0.0	0.0	-0.44	97	1
98	38.6047	112.7463	5550.0	1514.17	2057.12	1.47	-521.82	169.96	0.0	0.0	0.0	7.45	98	1
99	38.5945	112.7310	5580.0	1507.71	2056.22	1.47	-524.64	170.88	0.0	0.0	0.0	3.78	99	1
99	38.3133	113.1957	5878.9	1471.81	2031.97	1.49	-552.74	180.04	0.0	0.0	0.0	11.06	99	2599
100	38.5807	112.7036	5805.0	1489.39	2055.01	1.48	-545.79	177.77	0.0	0.0	0.0	0.92	100	1
101	38.5386	112.6899	5815.0	1489.85	2055.70	1.49	-550.96	179.46	0.0	0.0	0.0	11.19 (4.16)	101	1
101	38.3200	113.0467	4998.0	1527.16	2032.11	1.41	-469.95	153.06	0.0	0.0	0.0	10.53	101	2599
102	38.3200	113.0700	4991.1	1530.94	2032.11	1.41	-469.30	152.85	0.0	0.0	0.0	13.87	102	2599
102	38.5723	112.6951	5815.0	1485.78	2054.27	1.49	-546.73	178.08	0.0	0.0	0.0	-1.33	102	1
103	38.5375	112.6632	5970.0	1479.21	2055.61	1.49	-561.30	182.83	0.0	0.0	0.0	0.58	103	1
103	38.3200	113.1917	5955.4	1467.15	2032.11	1.49	-559.93	182.38	0.0	0.0	0.0	11.09	103	2599
104	38.3217	113.1867	5919.3	1470.68	2032.26	1.49	-556.53	181.27	0.0	0.0	0.0	12.19	104	2599
104	38.5991	112.6528	5959.0	1482.95	2056.63	1.49	-560.26	182.49	0.0	0.0	0.0	2.60	104	1
105	38.6132	112.6453	5865.0	1494.97	2057.87	1.49	-551.43	179.61	0.0	0.0	0.0	7.43	105	1
106	38.5814	112.6169	6137.0	1460.10	2055.07	1.50	-576.99	187.94	0.0	0.0	0.0	-7.42	106	1
106	38.3233	113.1833	5984.2	1467.15	2032.40	1.50	-562.64	185.26	0.0	0.0	0.0	12.63	106	2599
107	38.3240	113.1020	5085.9	1530.69	2032.46	1.42	-478.21	155.75	0.0	0.0	0.0	19.27	107	2599
107	38.5726	112.6784	6500.0	1435.75	2054.30	1.51	-611.10	199.06	0.0	0.0	0.0	-8.02	107	1
108	38.5793	112.6309	6350.0	1448.94	2054.94	1.51	-597.01	194.46	0.0	0.0	0.0	-4.96	108	1
108	38.3242	113.0092	5014.1	1522.15	2032.48	1.41	-471.46	153.55	0.0	0.0	0.0	6.17	108	2599
109	38.3250	113.0283	5004.9	1524.16	2032.55	1.41	-470.60	153.27	0.0	0.0	0.0	7.52	109	2599
109	38.6945	112.5728	5740.0	1518.97	2065.02	1.48	-539.88	175.78	0.0	0.0	0.0	16.37	109	1

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****				***** TERRAIN *****			BOUG ANOMALY + 200.0	STA #	MAP #
					*LATITUDE	CURV	FREE AIR	BOUG	INNER	OUTER	TOTAL			
110	38.7054	112.5649	5537.0	1538.38	2065.98	1.46	-520.60	169.57	0.0	0.0	0.0	21.97	110	1
110	38.3250	113.0367	5001.9	1525.69	2032.55	1.41	-470.32	153.18	0.0	0.0	0.0	8.87	110	2599
111	38.3250	113.0833	4991.1	1534.12	2032.55	1.41	-469.30	152.85	0.0	0.0	0.0	16.61	111	2599
112	38.3250	113.1750	6015.7	1467.00	2032.55	1.50	-565.69	184.26	0.0	0.0	0.0	14.39	112	2599
113	38.3250	113.1767	5957.3	1472.76	2032.55	1.49	-560.11	182.44	0.0	0.0	0.0	16.39	113	2599
114	38.7201	112.5615	5275.0	1551.49	2067.28	1.44	-495.98	161.54	0.0	0.0	0.0	17.21	114	1
115	38.6992	112.5906	5540.0	1530.78	2065.44	1.46	-520.88	169.66	0.0	0.0	0.0	15.11	115	1
115	38.3267	113.1700	5316.9	1482.65	2032.70	1.49	-546.91	178.14	0.0	0.0	0.0	17.24	115	2599
116	38.3267	113.1717	5791.3	1483.75	2032.70	1.48	-544.51	177.35	0.0	0.0	0.0	16.71	116	2599
116	38.7293	112.5384	5125.0	1558.54	2068.09	1.42	-481.88	156.95	0.0	0.0	0.0	13.97	116	1
117	38.7427	112.5771	5030.0	1570.59	2069.26	1.41	-472.95	154.04	0.0	0.0	0.0	18.82	117	1
118	38.7500	112.5681	5015.0	1576.17	2069.91	1.41	-471.54	153.58	0.0	0.0	0.0	22.80	118	1
118	38.3317	113.0917	5029.3	1534.12	2033.14	1.41	-472.94	154.03	0.0	0.0	0.0	18.48	118	2599
119	38.7433	112.5903	5088.0	1564.02	2069.36	1.42	-478.40	155.81	0.0	0.0	0.0	15.82	119	1
119	38.3333	113.1250	5425.8	1509.29	2033.28	1.45	-510.16	166.16	0.0	0.0	0.0	18.55	119	2599
120	38.7378	112.6157	5250.0	1547.97	2068.83	1.44	-493.63	160.78	0.0	0.0	0.0	10.56	120	1
121	38.7412	112.6377	5260.0	1543.61	2069.13	1.44	-494.57	161.08	0.0	0.0	0.0	6.53	121	1
121	38.3383	113.0283	4988.8	1526.96	2033.72	1.41	-469.08	152.78	0.0	0.0	0.0	8.14	121	2599
122	38.3383	113.0367	4983.9	1529.07	2033.72	1.41	-468.62	152.63	0.0	0.0	0.0	9.93	122	2599
122	38.7398	112.6482	5256.0	1544.49	2069.01	1.44	-494.19	160.96	0.0	0.0	0.0	7.27	122	1
123	38.7431	112.6890	5165.0	1544.57	2069.30	1.43	-485.64	158.17	0.0	0.0	0.0	1.30	123	1
123	38.3383	113.0467	4981.9	1530.89	2033.72	1.41	-468.44	152.57	0.0	0.0	0.0	11.63	123	2599
124	38.3387	113.0092	4991.1	1524.31	2033.75	1.41	-469.30	152.85	0.0	0.0	0.0	5.60	124	2599
124	38.7357	112.6633	5195.0	1544.00	2068.65	1.43	-488.45	159.09	0.0	0.0	0.0	3.28	124	1
125	38.7205	112.6370	5472.0	1533.20	2067.31	1.46	-514.49	167.57	0.0	0.0	0.0	11.34	125	1
126	38.7263	112.6139	5377.0	1540.06	2067.82	1.45	-505.56	164.67	0.0	0.0	0.0	11.68	126	1
127	38.6433	112.7319	5765.0	1505.50	2060.52	1.48	-542.03	176.55	0.0	0.0	0.0	8.98	127	1
127	38.0140	113.1410	5562.0	1459.58	2005.30	1.47	-522.96	170.33	0.0	0.0	0.0	5.44	127	5118
128	38.0217	113.1712	5460.3	1462.18	2005.97	1.46	-513.40	167.22	0.0	0.0	0.0	0.94	128	5118
128	38.6623	112.7244	5950.0	1493.95	2062.23	1.49	-559.42	182.21	0.0	0.0	0.0	7.43	128	1
129	38.6754	112.7129	6050.0	1485.08	2063.34	1.50	-568.81	185.28	0.0	0.0	0.0	3.78	129	1
129	38.0273	113.2327	5157.1	1486.34	2006.51	1.43	-484.91	157.93	0.0	0.0	0.0	5.38	129	5118
129	38.3413	113.0897	5074.1	1532.95	2034.03	1.42	-477.10	155.39	0.0	0.0	0.0	19.22	129	2599
130	38.0280	113.2100	5302.1	1478.53	2006.52	1.44	-498.54	162.37	0.0	0.0	0.0	6.73	130	5118
130	38.6924	112.7317	5930.0	1496.00	2064.84	1.49	-557.54	181.60	0.0	0.0	0.0	5.61	130	1
131	38.7036	112.7424	5940.0	1498.13	2065.82	1.49	-558.48	181.91	0.0	0.0	0.0	7.39	131	1
131	38.0315	113.0992	5897.3	1443.12	2006.33	1.49	-554.47	180.60	0.0	0.0	0.0	8.67	131	5118
131	38.3467	113.0283	4981.0	1528.29	2034.45	1.41	-468.34	152.54	0.0	0.0	0.0	8.24	131	2599
132	38.3467	113.0733	5013.1	1535.92	2034.45	1.41	-471.37	153.52	0.0	0.0	0.0	17.90	132	2599
132	38.7258	112.5745	5120.0	1561.03	2067.78	1.42	-481.41	156.79	0.0	0.0	0.0	16.44	132	1
132	38.0348	113.1397	5544.9	1459.94	2007.12	1.47	-521.36	169.81	0.0	0.0	0.0	2.90	132	5118
133	38.7151	112.5537	5460.0	1542.20	2066.84	1.46	-513.36	167.21	0.0	0.0	0.0	20.06	133	1
134	38.7232	112.5408	5503.0	1540.34	2067.55	1.46	-517.41	168.52	0.0	0.0	0.0	20.21	134	1
134	38.0587	113.2258	5263.1	1484.66	2009.21	1.44	-494.87	161.18	0.0	0.0	0.0	7.70	134	5118
135	38.0622	113.1058	5255.0	1438.34	2009.51	1.49	-559.90	182.37	0.0	0.0	0.0	4.86	135	5118
135	38.7381	112.5313	5400.0	1552.04	2068.86	1.45	-507.73	165.37	0.0	0.0	0.0	24.08	135	1
136	38.7433	112.5383	5220.0	1563.75	2069.80	1.44	-490.81	159.86	0.0	0.0	0.0	23.46	136	1
136	38.3533	113.0092	4981.9	1525.10	2035.04	1.41	-468.44	152.57	0.0	0.0	0.0	4.52	136	2599
137	38.3533	113.0283	4976.0	1523.88	2035.04	1.41	-467.38	152.39	0.0	0.0	0.0	7.93	137	2599
137	38.5953	112.6631	5850.0	1483.68	2056.34	1.49	-550.02	177.15	0.0	0.0	0.0	2.94	137	1
137	38.0657	113.1092	5296.0	1437.33	2009.82	1.50	-553.75	183.62	0.0	0.0	0.0	6.64	137	5118
138	38.5725	112.5792	6110.0	1464.93	2054.29	1.50	-574.45	187.11	0.0	0.0	0.0	-3.47	138	1
139	38.6086	112.5096	5920.0	1481.26	2057.46	1.49	-556.60	181.29	0.0	0.0	0.0	-2.39	139	1
139	38.3542	113.2498	6253.9	1459.56	2035.11	1.51	-587.93	191.52	0.0	0.0	0.0	19.41	139	2599
139	38.0825	113.0062	6686.0	1395.89	2011.29	1.52	-628.59	204.75	0.0	0.0	0.0	6.92	139	5118

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****							BOUG ANOMALY + 200.0	STA #	MAP #
					*LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	TOTAL	INNER			
140	38.3550	113.0317	5108.9	1531.27	2035.18	1.42	-480.37	156.46	0.0	0.0	0.0	18.58	140	2599
140	38.0925	113.2408	5093.5	1496.18	2012.17	1.42	-478.92	155.98	0.0	0.0	0.0	5.53	140	5118
140	38.5531	112.6848	5979.0	1467.69	2052.58	1.49	-562.14	183.10	0.0	0.0	0.0	-7.35	140	1
141	38.5115	112.6917	6242.0	1451.00	2048.93	1.51	-586.86	191.15	0.0	0.0	0.0	-3.73	141	1
141	38.3550	113.1617	6437.0	1447.22	2035.18	1.51	-605.19	197.13	0.0	0.0	0.0	18.58	141	2599
141	38.0947	113.0663	6125.6	1428.58	2012.36	1.50	-575.93	187.59	0.0	0.0	0.0	3.06	141	5118
142	38.3567	113.1083	5715.9	1494.08	2035.33	1.48	-537.42	175.04	0.0	0.0	0.0	19.65	142	2599
142	38.5173	112.6736	6144.0	1451.07	2049.44	1.50	-577.65	188.15	0.0	0.0	0.0	-10.38	142	1
143	38.6238	112.7338	5590.0	1517.06	2058.80	1.47	-525.58	171.19	0.0	0.0	0.0	11.19	143	1
144	38.6277	112.7490	5573.0	1520.90	2059.15	1.47	-523.99	170.67	0.0	0.0	0.0	13.60	144	1
144	38.1042	113.1125	5859.2	1448.98	2013.19	1.49	-550.89	179.43	0.0	0.0	0.0	5.76	144	5118
145	38.6197	112.7107	5635.0	1509.54	2058.44	1.47	-529.81	172.57	0.0	0.0	0.0	6.87	145	1
145	38.3610	113.0358	4969.1	1530.69	2035.71	1.41	-467.23	152.18	0.0	0.0	0.0	8.63	145	2599
146	38.3617	113.0583	4980.0	1534.83	2035.77	1.41	-468.25	152.51	0.0	0.0	0.0	13.40	146	2599
146	38.6234	112.6955	5735.0	1503.40	2058.77	1.48	-539.21	175.63	0.0	0.0	0.0	6.74	146	1
146	38.1147	113.2420	5076.1	1496.13	2014.11	1.42	-477.29	155.45	0.0	0.0	0.0	2.44	146	5118
147	38.6282	112.6699	5800.0	1500.95	2059.18	1.48	-545.32	177.62	0.0	0.0	0.0	7.98	147	1
147	38.3617	113.0700	5016.1	1535.02	2035.77	1.41	-471.64	153.61	0.0	0.0	0.0	15.87	147	2599
148	38.6281	112.6499	5870.0	1496.10	2059.18	1.49	-551.90	179.76	0.0	0.0	0.0	7.57	148	1
149	38.6169	112.6294	5900.0	1490.90	2058.19	1.49	-554.72	180.68	0.0	0.0	0.0	5.25	149	1
149	38.3633	113.0517	4978.0	1533.55	2035.92	1.41	-468.07	152.45	0.0	0.0	0.0	11.85	149	2599
149	38.1283	113.2147	5082.0	1498.04	2015.35	1.42	-477.84	155.63	0.0	0.0	0.0	3.48	149	5118
150	38.1290	113.1417	5465.2	1482.51	2015.37	1.46	-513.86	167.37	0.0	0.0	0.0	12.18	150	5118
151	38.3647	113.2458	6134.0	1463.33	2036.03	1.50	-581.41	189.38	0.0	0.0	0.0	17.83	151	2599
153	38.3683	113.0092	4969.1	1525.10	2036.35	1.41	-467.23	152.18	0.0	0.0	0.0	2.40	153	2599
154	38.3683	113.0233	4967.8	1528.97	2036.35	1.41	-467.11	152.15	0.0	0.0	0.0	6.19	154	2599
155	38.3683	113.0650	5022.9	1535.06	2036.35	1.41	-472.29	153.82	0.0	0.0	0.0	15.76	155	2599
157	38.3717	113.1817	6165.0	1462.67	2036.64	1.50	-579.63	188.80	0.0	0.0	0.0	15.35	157	2599
158	38.3750	113.0883	5231.9	1524.21	2036.94	1.44	-491.93	160.22	0.0	0.0	0.0	17.55	158	2599
160	38.3767	113.2367	6079.0	1472.02	2037.08	1.50	-571.55	186.16	0.0	0.0	0.0	18.82	160	2599
163	38.3850	113.2083	5964.9	1480.00	2037.82	1.49	-560.82	182.67	0.0	0.0	0.0	18.84	163	2599
164	38.3883	113.0433	5042.0	1529.85	2038.11	1.42	-474.08	154.41	0.0	0.0	0.0	10.00	164	2599
165	38.3883	113.0659	5083.0	1533.39	2038.11	1.42	-477.93	155.66	0.0	0.0	0.0	16.63	165	2599
166	38.3887	113.0368	5032.1	1528.83	2038.14	1.41	-473.15	154.10	0.0	0.0	0.0	8.33	166	2599
167	38.3900	113.0850	5170.9	1532.41	2038.26	1.43	-486.20	158.35	0.0	0.0	0.0	20.57	167	2599
168	38.3917	113.0950	5352.0	1522.22	2038.40	1.45	-503.22	163.90	0.0	0.0	0.0	21.69	168	2599
168	38.1667	113.1730	5075.0	1504.53	2018.67	1.42	-477.19	155.42	0.0	0.0	0.0	6.21	168	2
169	38.1566	113.2050	5048.0	1504.20	2017.79	1.42	-474.65	154.59	0.0	0.0	0.0	5.05	169	2
170	38.1728	113.2028	5037.0	1504.98	2019.21	1.41	-473.61	154.25	0.0	0.0	0.0	3.72	170	2
170	38.3925	113.0950	5352.0	1522.20	2038.47	1.45	-503.22	163.90	0.0	0.0	0.0	21.60	170	2599
175	38.3983	113.0275	5044.9	1526.08	2038.99	1.42	-474.36	154.50	0.0	0.0	0.0	5.54	175	2599
176	38.3983	113.0650	5121.0	1529.62	2038.99	1.42	-481.51	156.83	0.0	0.0	0.0	13.89	176	2599
180	38.4017	113.2350	6002.3	1478.19	2039.28	1.50	-564.33	183.81	0.0	0.0	0.0	17.93	180	2599
181	38.4017	113.2400	6030.2	1476.47	2039.28	1.50	-566.95	184.67	0.0	0.0	0.0	17.98	181	2599
182	38.4017	113.2433	6044.9	1475.59	2039.28	1.50	-568.34	185.12	0.0	0.0	0.0	18.03	182	2599
183	38.4017	113.2467	6154.2	1468.47	2039.28	1.50	-573.61	188.47	0.0	0.0	0.0	17.83	183	2599
184	38.4033	113.2150	5894.0	1484.76	2039.43	1.49	-554.16	180.50	0.0	0.0	0.0	17.50	184	2599
185	38.4033	113.2183	5507.8	1483.93	2039.43	1.49	-555.45	180.92	0.0	0.0	0.0	17.55	185	2599
186	38.4033	113.2233	5984.6	1478.78	2039.43	1.50	-562.67	183.27	0.0	0.0	0.0	17.26	186	2599
187	38.4033	113.2300	5973.7	1479.61	2039.43	1.49	-561.65	182.94	0.0	0.0	0.0	17.40	187	2599
189	38.4050	113.0083	4992.1	1524.12	2039.57	1.41	-469.39	152.88	0.0	0.0	0.0	-0.35	189	2599
190	38.4050	113.1900	5920.9	1477.11	2039.57	1.49	-556.69	181.32	0.0	0.0	0.0	11.41	190	2599
191	38.4050	113.1933	5886.5	1480.15	2039.57	1.49	-553.45	180.27	0.0	0.0	0.0	12.27	191	2599
192	38.4050	113.1983	5872.0	1482.26	2039.57	1.49	-552.09	179.82	0.0	0.0	0.0	13.47	192	2599
193	38.4050	113.2017	5819.2	1486.48	2039.57	1.49	-547.13	178.21	0.0	0.0	0.0	14.34	193	2599

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELFV	OBSERVED GRAVITY	***** CORRECTIONS *****								BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	INNER	OUTER	TOTAL			
194	38.4050	113.2067	5849.7	1485.55	2039.57	1.49	-550.00	179.14	0.0	0.0	0.0	15.34	194	2599	
195	38.4050	113.2067	5850.0	1485.42	2039.57	1.49	-550.03	179.15	0.0	0.0	0.0	15.23	195	2599	
196	38.4050	113.2100	5865.3	1485.40	2039.57	1.49	-551.51	179.63	0.0	0.0	0.0	16.21	196	2599	
197	38.4067	113.1700	5927.1	1477.11	2039.72	1.49	-557.27	181.51	0.0	0.0	0.0	11.66	197	2599	
197	38.7657	112.0762	5294.9	1493.58	2071.29	1.44	-497.85	162.15	0.0	0.0	0.0	-43.45	197	5176	
198	38.7762	112.0627	5281.1	1495.11	2072.21	1.44	-496.55	161.73	0.0	0.0	0.0	-43.72	198	5176	
198	38.4067	113.1733	5965.9	1474.70	2039.72	1.49	-560.91	182.70	0.0	0.0	0.0	11.70	198	2599	
199	38.4067	113.1800	5974.4	1473.48	2039.72	1.49	-561.71	182.96	0.0	0.0	0.0	11.02	199	2599	
199	38.7823	112.0532	5248.0	1499.29	2072.75	1.44	-493.44	160.72	0.0	0.0	0.0	-42.18	199	5176	
200	38.8117	112.0147	5251.0	1505.11	2075.34	1.44	-493.72	160.81	0.0	0.0	0.0	-38.76	200	5176	
200	38.4067	113.1950	5958.0	1474.41	2039.72	1.49	-560.17	182.46	0.0	0.0	0.0	10.91	200	2599	
201	38.1717	113.1592	5056.0	1503.93	2019.10	1.42	-475.40	154.83	0.0	0.0	0.0	3.97	201	2	
202	38.1733	113.1773	5047.0	1505.52	2019.25	1.42	-474.55	154.56	0.0	0.0	0.0	4.85	202	2	
202	38.4083	113.0900	5284.1	1528.90	2039.86	1.44	-496.84	161.82	0.0	0.0	0.0	22.61	202	2599	
203	38.1723	113.1862	5040.0	1507.43	2019.16	1.42	-473.90	154.34	0.0	0.0	0.0	6.40	203	2	
203	38.4033	113.1633	6104.0	1465.33	2039.86	1.50	-573.89	186.93	0.0	0.0	0.0	10.98	203	2599	
204	38.1710	113.1947	5025.0	1508.50	2019.05	1.41	-472.49	153.89	0.0	0.0	0.0	6.64	204	2	
204	38.4033	113.1650	6006.2	1472.15	2039.86	1.50	-564.70	183.93	0.0	0.0	0.0	11.56	204	2599	
205	38.1640	113.1815	5082.0	1505.59	2018.43	1.42	-477.84	155.63	0.0	0.0	0.0	7.95	205	2	
205	38.4108	113.0655	5198.1	1525.88	2040.03	1.43	-488.76	159.19	0.0	0.0	0.0	13.93	205	2599	
206	38.1613	113.1898	5082.0	1505.33	2018.20	1.42	-477.84	155.63	0.0	0.0	0.0	7.92	206	2	
207	38.1535	113.1985	5062.0	1504.80	2017.95	1.42	-475.96	155.02	0.0	0.0	0.0	6.38	207	2	
207	38.4117	113.0650	5198.1	1525.97	2040.16	1.43	-488.76	159.19	0.0	0.0	0.0	13.95	207	2599	
208	38.1542	113.2133	5048.0	1502.43	2017.57	1.42	-474.65	154.59	0.0	0.0	0.0	3.50	208	2	
209	38.1517	113.2216	5053.0	1501.83	2017.35	1.42	-475.12	154.74	0.0	0.0	0.0	3.43	209	2	
210	38.1483	113.2342	5053.0	1501.97	2017.06	1.42	-475.59	154.90	0.0	0.0	0.0	4.18	210	2	
210	38.4142	113.0540	5151.9	1528.14	2040.38	1.43	-484.41	157.77	0.0	0.0	0.0	12.97	210	2599	
211	38.5000	112.9917	4969.0	1531.87	2047.92	1.41	-467.22	152.17	0.0	0.0	0.0	-2.41	211	2	
211	38.4150	113.1433	5751.9	1490.90	2040.45	1.48	-540.81	176.15	0.0	0.0	0.0	13.63	211	2599	
212	38.4187	113.1308	5622.0	1501.42	2040.77	1.47	-528.60	172.17	0.0	0.0	0.0	15.61	212	2599	
212	38.5317	112.9917	4922.0	1541.94	2050.70	1.40	-462.80	150.73	0.0	0.0	0.0	1.91	212	2	
213	38.5533	112.9866	4928.0	1546.94	2052.60	1.40	-463.36	150.92	0.0	0.0	0.0	5.38	213	2	
213	38.4200	113.0300	5102.0	1525.83	2040.89	1.42	-479.72	156.24	0.0	0.0	0.0	7.00	213	2599	
214	38.5350	112.9866	4910.0	1553.57	2055.39	1.40	-461.67	150.36	0.0	0.0	0.0	8.09	214	2	
214	38.4200	113.0983	5374.0	1524.12	2040.89	1.45	-505.29	164.57	0.0	0.0	0.0	22.49	214	2599	
215	38.7183	112.9700	4843.0	1592.47	2067.12	1.39	-455.37	148.31	0.0	0.0	0.0	31.02	215	2	
215	38.4200	113.1333	5870.1	1479.31	2040.89	1.49	-551.91	179.76	0.0	0.0	0.0	9.07	215	2599	
216	38.6850	112.9800	4889.0	1580.75	2064.18	1.40	-459.70	149.72	0.0	0.0	0.0	25.14	216	2	
217	38.6533	112.9833	4895.0	1570.42	2061.40	1.40	-460.26	149.90	0.0	0.0	0.0	17.98	217	2	
217	38.4250	113.1143	5486.9	1519.99	2041.33	1.46	-515.89	168.03	0.0	0.0	0.0	25.06	217	2599	
218	38.6183	112.9350	4853.0	1562.09	2058.32	1.39	-456.78	148.77	0.0	0.0	0.0	10.39	218	2	
219	38.7433	112.9550	4841.0	1599.00	2069.76	1.39	-455.18	148.25	0.0	0.0	0.0	34.78	219	2	
219	38.4267	113.0283	5085.9	1526.42	2041.48	1.42	-478.21	155.75	0.0	0.0	0.0	5.98	219	2599	
220	38.7750	112.9317	4910.0	1596.24	2072.11	1.40	-461.67	150.36	0.0	0.0	0.0	34.04	220	2	
220	38.4333	113.0100	5015.1	1524.66	2042.06	1.41	-471.55	153.58	0.0	0.0	0.0	-0.84	220	2599	
221	38.8017	112.9767	4867.0	1594.35	2074.46	1.39	-457.63	149.05	0.0	0.0	0.0	27.08	221	2	
222	38.8350	112.9483	4872.0	1593.07	2077.39	1.40	-459.10	149.20	0.0	0.0	0.0	23.13	222	2	
222	38.4350	113.1383	5555.1	1503.46	2042.21	1.47	-522.31	170.12	0.0	0.0	0.0	11.97	222	2599	
223	38.6917	112.9467	4955.0	1575.93	2064.77	1.41	-465.90	151.74	0.0	0.0	0.0	23.91	223	2	
224	38.6750	112.9133	4999.0	1563.77	2063.30	1.41	-470.04	153.09	0.0	0.0	0.0	21.00	224	2	
224	38.4363	113.0772	5303.1	1526.33	2042.32	1.44	-498.62	162.40	0.0	0.0	0.0	18.78	224	2599	
225	38.4367	113.1317	5536.4	1505.76	2042.35	1.46	-520.55	169.55	0.0	0.0	0.0	12.94	225	2599	
225	38.6550	112.8700	5080.0	1561.84	2061.55	1.42	-477.65	155.57	0.0	0.0	0.0	20.95	225	2	
226	38.6467	112.8316	5410.0	1541.47	2060.81	1.45	-508.67	165.68	0.0	0.0	0.0	22.19	226	2	
226	38.4367	113.1350	5544.3	1504.64	2042.35	1.47	-521.29	169.79	0.0	0.0	0.0	12.32	226	2599	

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****				*****			BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	INNER	OUTER			
227	38.4333	113.1283	5447.8	1512.09	2042.50	1.46	-512.22	166.83	0.0	0.0	0.0	13.52	227	2599
227	38.6250	112.6350	5875.0	1493.64	2058.91	1.49	-552.37	179.92	0.0	0.0	0.0	5.70	227	2
228	38.6283	112.6800	5789.0	1500.85	2059.20	1.48	-544.29	177.28	0.0	0.0	0.0	7.17	228	2
228	38.4390	113.0892	5353.9	1521.96	2042.56	1.45	-503.87	164.11	0.0	0.0	0.0	17.71	228	2599
229	38.6200	112.7200	5521.0	1510.46	2058.46	1.47	-528.50	172.14	0.0	0.0	0.0	6.88	229	2
230	38.6333	112.7600	5570.0	1522.47	2059.64	1.47	-523.70	170.58	0.0	0.0	0.0	14.49	230	2
230	38.4400	113.1250	5434.0	1513.57	2042.64	1.46	-510.93	166.41	0.0	0.0	0.0	13.99	230	2599
231	38.4400	113.1533	5553.1	1503.16	2042.64	1.47	-522.12	170.06	0.0	0.0	0.0	11.11	231	2599
231	38.6450	112.7967	5429.0	1532.36	2060.67	1.46	-510.45	166.26	0.0	0.0	0.0	14.43	231	2
232	38.6817	112.8483	5190.0	1556.07	2063.89	1.43	-487.99	158.94	0.0	0.0	0.0	19.80	232	2
233	38.7017	112.8183	5273.0	1543.79	2065.65	1.44	-495.79	161.48	0.0	0.0	0.0	11.00	233	2
233	38.4417	113.0283	5069.9	1528.14	2042.79	1.42	-476.70	155.26	0.0	0.0	0.0	5.37	233	2599
234	38.7300	112.7967	5187.0	1551.36	2068.15	1.43	-487.71	158.85	0.0	0.0	0.0	10.64	234	2
234	38.4417	113.1183	5413.0	1516.07	2042.79	1.45	-508.95	165.77	0.0	0.0	0.0	15.01	234	2599
235	38.4417	113.1217	5421.9	1514.74	2042.79	1.45	-509.79	166.04	0.0	0.0	0.0	14.24	235	2599
235	38.6217	112.8733	5094.0	1550.40	2058.51	1.42	-478.97	156.00	0.0	0.0	0.0	13.33	235	2
236	38.6117	112.9000	5035.0	1548.46	2057.73	1.41	-473.42	154.19	0.0	0.0	0.0	8.54	236	2
236	38.4417	113.1677	5698.1	1493.44	2042.79	1.48	-535.75	174.50	0.0	0.0	0.0	10.42	236	2599
237	38.4425	113.2313	6139.1	1471.69	2042.87	1.50	-577.19	188.00	0.0	0.0	0.0	16.51	237	2599
237	38.5533	112.9433	5025.0	1541.02	2052.60	1.41	-472.43	153.89	0.0	0.0	0.0	5.60	237	2
237	38.6100	112.9433	4957.0	1551.41	2057.59	1.41	-466.09	151.80	0.0	0.0	0.0	6.71	237	2
238	38.5000	112.9633	5023.0	1529.00	2047.92	1.41	-472.29	153.82	0.0	0.0	0.0	-1.86	238	2
239	38.4433	113.0433	5129.9	1531.18	2042.94	1.43	-482.34	157.10	0.0	0.0	0.0	12.06	239	2599
239	38.1967	113.2717	5168.0	1493.24	2021.30	1.43	-485.93	158.26	0.0	0.0	0.0	3.18	239	2
240	38.1950	113.3033	5162.0	1493.42	2021.15	1.43	-485.36	158.08	0.0	0.0	0.0	3.12	240	2
240	38.4433	113.1133	5473.1	1514.79	2042.94	1.46	-514.60	167.61	0.0	0.0	0.0	17.38	240	2599
241	38.4433	113.1167	5474.1	1513.17	2042.94	1.46	-514.69	167.64	0.0	0.0	0.0	15.82	241	2599
241	38.1950	113.3333	5202.0	1491.48	2021.15	1.43	-489.12	159.31	0.0	0.0	0.0	-1.29	241	2
242	38.1800	113.3067	5123.0	1497.64	2019.83	1.42	-481.70	156.89	0.0	0.0	0.0	1.19	242	2
242	38.4450	113.1100	5460.6	1517.44	2043.09	1.46	-513.43	167.23	0.0	0.0	0.0	19.10	242	2599
243	38.4467	113.1033	5435.3	1520.83	2043.23	1.46	-511.05	166.45	0.0	0.0	0.0	20.74	243	2599
243	38.1800	113.2883	5094.0	1500.14	2019.83	1.42	-478.97	156.00	0.0	0.0	0.0	1.86	243	2
244	38.1800	113.2600	5072.0	1501.53	2019.83	1.42	-476.90	155.32	0.0	0.0	0.0	1.86	244	2
244	38.4467	113.1067	5447.8	1519.11	2043.23	1.46	-512.22	166.83	0.0	0.0	0.0	19.81	244	2599
245	38.1650	113.3033	5088.0	1497.15	2018.52	1.42	-478.41	155.81	0.0	0.0	0.0	-0.20	245	2
246	38.1650	113.2800	5052.0	1500.94	2018.52	1.42	-475.02	154.71	0.0	0.0	0.0	1.31	246	2
246	38.4483	113.0983	5406.5	1521.76	2043.38	1.45	-508.34	165.57	0.0	0.0	0.0	19.70	246	2599
247	38.4483	113.1003	5418.0	1521.96	2043.38	1.45	-509.42	165.92	0.0	0.0	0.0	20.63	247	2599
247	38.1650	113.2500	5043.0	1502.32	2018.52	1.42	-474.18	154.44	0.0	0.0	0.0	2.12	247	2
248	38.1650	113.3350	5104.0	1494.91	2018.52	1.42	-479.91	156.30	0.0	0.0	0.0	-1.43	248	2
248	38.4483	113.1617	5696.8	1493.89	2043.38	1.48	-535.63	174.46	0.0	0.0	0.0	10.20	248	2599
249	38.1367	113.3300	5072.0	1489.63	2016.04	1.42	-476.90	155.32	0.0	0.0	0.0	-6.25	249	2
249	38.4500	113.0967	5393.7	1522.05	2043.52	1.45	-507.14	165.18	0.0	0.0	0.0	19.03	249	2599
250	38.4517	113.0900	5368.4	1524.46	2043.67	1.45	-504.76	164.40	0.0	0.0	0.0	19.70	250	2599
250	38.1300	113.2933	5059.0	1491.17	2015.45	1.42	-475.68	154.93	0.0	0.0	0.0	-4.95	250	2
251	38.1300	113.2817	5062.0	1496.21	2015.45	1.42	-475.96	155.02	0.0	0.0	0.0	0.28	251	2
251	38.4517	113.0933	5380.9	1522.34	2043.67	1.45	-505.93	164.78	0.0	0.0	0.0	18.87	251	2599
252	38.1200	113.3466	5113.0	1486.03	2014.58	1.42	-480.76	156.58	0.0	0.0	0.0	-5.80	252	2
253	38.1167	113.3833	5355.0	1483.28	2014.29	1.45	-503.50	163.99	0.0	0.0	0.0	7.06	253	2
253	38.4533	113.0483	5095.1	1537.46	2043.82	1.42	-479.07	156.03	0.0	0.0	0.0	15.26	253	2599
254	38.4533	113.0867	5353.3	1526.08	2043.82	1.45	-503.34	163.94	0.0	0.0	0.0	20.22	254	2599
254	38.1017	113.4183	5470.0	1476.75	2012.97	1.46	-514.31	167.51	0.0	0.0	0.0	9.12	254	2
255	38.1233	113.4267	5554.0	1475.54	2014.87	1.47	-522.21	170.09	0.0	0.0	0.0	11.32	255	2
255	38.4533	113.2033	5996.0	1478.13	2043.82	1.50	-563.75	183.62	0.0	0.0	0.0	12.94	255	2599
256	38.1617	113.4383	5782.0	1456.68	2018.23	1.48	-543.64	177.07	0.0	0.0	0.0	3.54	256	2

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****								BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	---- INNER	TERRAIN OUTER	----	TOTAL			
256	38.4550	113.0833	5377.9	1526.23	2043.96	1.45	-505.55	164.69	0.0	0.0	0.0	21.78	256	2599	
257	38.0700	113.4467	5268.0	1487.23	2010.20	1.44	-495.33	161.33	0.0	0.0	0.0	9.59	257	2	
258	38.0433	113.4450	5114.0	1490.29	2007.87	1.42	-480.85	156.61	0.0	0.0	0.0	5.24	258	2	
258	38.4567	113.0083	4957.0	1530.05	2044.11	1.41	-466.09	151.80	0.0	0.0	0.0	-1.18	258	2599	
259	38.4567	113.0783	5440.3	1522.10	2044.11	1.46	-511.51	166.60	0.0	0.0	0.0	21.44	259	2599	
259	38.0050	113.4333	5081.0	1473.81	2004.51	1.42	-477.75	155.60	0.0	0.0	0.0	-9.97	259	2	
260	38.4567	113.0300	5426.5	1523.53	2044.11	1.46	-510.22	166.18	0.0	0.0	0.0	22.00	260	2599	
260	38.0050	113.4533	5086.0	1481.28	2004.51	1.42	-478.22	155.75	0.0	0.0	0.0	-2.18	260	2	
261	38.0000	113.4933	5305.0	1480.49	2004.07	1.44	-498.81	162.46	0.0	0.0	0.0	11.32	261	2	
261	38.4567	113.1600	5721.1	1494.82	2044.11	1.48	-537.91	175.20	0.0	0.0	0.0	11.94	261	2599	
262	38.0283	113.4050	5083.0	1473.11	2006.55	1.42	-477.94	155.66	0.0	0.0	0.0	-12.58	262	2	
263	38.0267	113.2550	5096.0	1474.30	2006.41	1.42	-479.16	156.06	0.0	0.0	0.0	-10.43	263	2	
263	38.4577	113.2325	6287.1	1467.81	2044.20	1.51	-591.09	192.53	0.0	0.0	0.0	20.66	263	2599	
264	33.0267	113.3300	5116.0	1477.18	2006.41	1.42	-481.04	156.67	0.0	0.0	0.0	-6.28	264	2	
264	38.4537	113.1232	5556.1	1514.64	2044.37	1.47	-522.40	170.15	0.0	0.0	0.0	21.05	264	2599	
265	38.0567	113.3300	5095.0	1480.85	2009.03	1.42	-479.07	156.03	0.0	0.0	0.0	-6.57	265	2	
265	38.4600	113.0283	5018.0	1533.44	2044.40	1.41	-471.33	153.67	0.0	0.0	0.0	5.78	265	2599	
266	38.4500	113.1017	5437.0	1520.78	2044.40	1.46	-511.21	166.50	0.0	0.0	0.0	19.62	266	2599	
266	38.3098	112.8802	7430.0	1373.56	2031.22	1.50	-653.50	227.54	0.0	0.0	0.0	11.80	266	2	
267	38.1150	113.2933	5063.0	1492.69	2014.14	1.42	-476.06	155.05	0.0	0.0	0.0	-1.86	267	2	
268	38.1000	113.3133	5074.0	1489.13	2012.33	1.42	-477.09	155.39	0.0	0.0	0.0	-3.41	268	2	
268	38.4633	113.1503	5717.3	1496.34	2044.70	1.48	-537.60	175.10	0.0	0.0	0.0	12.66	268	2599	
269	38.1000	113.2717	5081.0	1493.97	2012.83	1.42	-477.75	155.60	0.0	0.0	0.0	1.87	269	2	
270	38.0783	113.3417	5107.0	1482.09	2010.93	1.42	-480.19	156.40	0.0	0.0	0.0	-6.46	270	2	
270	38.4687	113.1908	5993.1	1477.78	2045.16	1.50	-563.47	183.53	0.0	0.0	0.0	11.06	270	2599	
271	38.0567	113.3667	5036.0	1476.78	2009.03	1.42	-478.22	155.75	0.0	0.0	0.0	-11.21	271	2	
271	38.4700	113.0600	5179.1	1536.73	2045.28	1.43	-486.97	158.61	0.0	0.0	0.0	18.38	271	2599	
272	38.0550	113.2933	5100.0	1483.44	2008.89	1.42	-479.54	156.18	0.0	0.0	0.0	-3.52	272	2	
272	38.4700	113.2183	6303.1	1462.63	2045.28	1.51	-592.61	193.03	0.0	0.0	0.0	15.42	272	2599	
273	38.0550	113.2533	5113.0	1489.31	2008.39	1.42	-480.76	156.58	0.0	0.0	0.0	3.18	273	2	
273	38.4703	113.1525	5728.0	1499.08	2045.31	1.48	-538.56	175.41	0.0	0.0	0.0	15.43	273	2599	
274	38.4733	113.1367	5724.1	1502.57	2045.57	1.48	-538.19	175.29	0.0	0.0	0.0	18.41	274	2599	
274	38.0563	113.2330	5212.0	1488.09	2009.00	1.43	-490.06	159.61	0.0	0.0	0.0	8.10	274	2	
275	38.4767	113.1200	5668.0	1510.03	2045.87	1.47	-532.91	173.58	0.0	0.0	0.0	22.03	275	2599	
275	38.0563	113.2143	5369.0	1478.93	2009.00	1.45	-504.82	164.42	0.0	0.0	0.0	8.93	275	2	
276	38.0267	113.2983	5123.0	1479.80	2006.41	1.42	-481.70	156.89	0.0	0.0	0.0	-3.22	276	2	
277	38.0267	113.2683	5137.0	1484.60	2006.41	1.43	-483.01	157.32	0.0	0.0	0.0	2.47	277	2	
277	38.4733	113.1012	5430.1	1523.37	2046.01	1.46	-510.56	166.29	0.0	0.0	0.0	20.67	277	2599	
278	38.0280	113.2330	5157.0	1486.91	2006.52	1.43	-484.39	157.93	0.0	0.0	0.0	5.92	278	2	
279	38.0280	113.2102	5302.0	1473.81	2006.52	1.46	-498.52	162.37	0.0	0.0	0.0	7.00	279	2	
280	38.0133	113.1773	5367.0	1465.26	2005.24	1.45	-504.63	164.36	0.0	0.0	0.0	-1.16	280	2	
280	38.4833	113.0733	5193.9	1536.33	2046.45	1.43	-488.35	159.06	0.0	0.0	0.0	17.84	280	2599	
281	38.4933	113.1333	5885.1	1497.27	2046.45	1.49	-553.42	180.26	0.0	0.0	0.0	22.49	281	2599	
281	38.0350	113.1400	5557.0	1460.19	2007.14	1.47	-522.49	170.18	0.0	0.0	0.0	3.90	281	2	
282	38.0658	113.1095	5995.0	1438.43	2009.84	1.50	-563.75	183.62	0.0	0.0	0.0	7.22	282	2	
284	38.4867	113.2117	6253.9	1467.24	2046.75	1.51	-587.98	191.52	0.0	0.0	0.0	15.45	284	2599	
285	38.4867	113.2450	6853.1	1437.46	2046.75	1.52	-645.69	210.33	0.0	0.0	0.0	24.56	285	2599	
288	38.4975	113.1967	6150.9	1473.80	2047.70	1.50	-578.30	188.37	0.0	0.0	0.0	14.53	288	2599	
290	38.4995	113.0940	5376.0	1530.54	2047.87	1.45	-505.47	164.63	0.0	0.0	0.0	22.05	290	2599	
292	38.5033	113.0133	4966.8	1537.38	2048.21	1.41	-467.02	152.10	0.0	0.0	0.0	4.68	292	2599	
293	38.5033	113.2333	6683.0	1448.83	2048.21	1.52	-628.77	204.81	0.0	0.0	0.0	23.06	293	2599	
294	38.5033	113.2333	6683.0	1449.08	2048.21	1.52	-628.77	204.81	0.0	0.0	0.0	23.31	294	2599	
295	38.5042	113.1350	6065.9	1480.33	2048.28	1.50	-570.31	185.76	0.0	0.0	0.0	15.10	295	2599	
298	38.5090	113.0938	5503.9	1525.39	2048.71	1.46	-517.49	163.55	0.0	0.0	0.0	24.16	298	2599	
299	38.5158	113.1753	5973.1	1493.29	2049.31	1.49	-561.59	182.92	0.0	0.0	0.0	21.16	299	2599	

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****				***** TERRAIN *****			BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	--- INNER	--- OUTER	--- TCTAL			
301	38.3410	112.9170	5857.0	1478.19	2033.95	1.49	-550.68	179.36	0.0	0.0	0.0	14.06	301	2
302	38.5217	113.0983	5639.1	1519.85	2049.82	1.47	-530.20	172.69	0.0	0.0	0.0	26.06	302	2599
302	38.3387	112.8970	6436.0	1442.03	2033.75	1.51	-605.09	197.10	0.0	0.0	0.0	14.77	302	2
303	38.3297	112.8760	7300.0	1490.71	2032.96	1.51	-686.28	223.56	0.0	0.0	0.0	118.97	303	2
304	38.3500	112.9273	5583.0	1492.53	2034.74	1.47	-525.40	171.13	0.0	0.0	0.0	10.59	304	2
304	38.5250	113.1183	6295.9	1482.21	2050.11	1.51	-591.93	192.81	0.0	0.0	0.0	29.71	304	2599
305	38.5267	113.1567	6016.1	1495.79	2050.26	1.50	-565.63	184.24	0.0	0.0	0.0	25.42	305	2599
305	38.2795	112.9617	5220.0	1510.36	2028.56	1.44	-490.81	159.86	0.0	0.0	0.0	11.32	305	2
306	38.2800	112.9532	5309.0	1507.72	2028.60	1.44	-499.18	162.58	0.0	0.0	0.0	14.27	306	2
306	38.5267	113.1950	6118.1	1482.90	2050.26	1.50	-575.22	187.36	0.0	0.0	0.0	18.99	306	2599
307	38.2680	112.9180	5846.0	1476.47	2027.55	1.49	-549.65	179.03	0.0	0.0	0.0	18.05	307	2
308	38.2773	112.9148	6103.0	1460.14	2028.37	1.50	-574.27	187.05	0.0	0.0	0.0	17.49	308	2
309	38.2780	112.9048	6328.0	1447.71	2028.43	1.51	-594.95	193.79	0.0	0.0	0.0	18.93	309	2
310	38.5317	113.1817	5972.1	1495.12	2050.70	1.49	-561.49	182.89	0.0	0.0	0.0	21.53	310	2599
310	38.2905	112.8983	6667.0	1427.04	2029.52	1.52	-626.80	204.17	0.0	0.0	0.0	18.63	310	2
311	38.5373	113.1688	5832.0	1507.62	2051.24	1.49	-543.33	178.60	0.0	0.0	0.0	24.62	311	2599
311	38.2202	112.9232	5278.0	1502.02	2023.35	1.44	-496.27	161.63	0.0	0.0	0.0	11.86	311	2
312	38.2370	112.9103	5566.0	1437.27	2024.83	1.47	-523.33	170.45	0.0	0.0	0.0	13.85	312	2
313	38.2483	112.9032	5762.0	1479.19	2025.83	1.48	-541.75	176.46	0.0	0.0	0.0	17.18	313	2
314	38.2633	112.8952	6074.0	1461.53	2027.14	1.50	-571.08	186.01	0.0	0.0	0.0	17.95	314	2
315	38.2703	112.8865	6310.0	1446.33	2027.80	1.51	-593.25	193.24	0.0	0.0	0.0	17.04	315	2
315	38.2942	112.8515	7533.0	1366.18	2029.85	1.50	-703.18	230.69	0.0	0.0	0.0	12.32	316	2
317	38.2860	112.8667	6832.0	1412.38	2029.13	1.52	-642.31	209.22	0.0	0.0	0.0	14.82	317	2
317	38.5433	113.0133	4905.8	1543.55	2051.73	1.40	-461.28	150.24	0.0	0.0	0.0	6.47	317	2599
318	38.5433	113.0467	4924.9	1554.69	2051.73	1.40	-463.07	150.82	0.0	0.0	0.0	13.81	318	2599
318	38.2585	112.7392	5521.0	1468.76	2026.72	1.46	-519.10	169.08	0.0	0.0	0.0	-9.39	318	2
319	38.3013	112.7967	5891.0	1453.47	2030.47	1.49	-553.88	180.41	0.0	0.0	0.0	-0.02	319	2
319	38.5433	113.0650	5014.1	1555.77	2051.73	1.41	-471.46	153.55	0.0	0.0	0.0	20.54	319	2599
320	38.5433	113.0817	5214.9	1549.93	2051.73	1.43	-490.33	159.70	0.0	0.0	0.0	27.40	320	2599
320	38.3020	112.8315	6472.0	1453.83	2030.53	1.51	-603.48	198.20	0.0	0.0	0.0	12.06	320	2
321	38.3258	112.7853	6036.0	1455.19	2032.62	1.50	-567.50	184.85	0.0	0.0	0.0	3.73	321	2
322	38.2382	112.7750	5599.0	1465.11	2029.32	1.47	-526.43	171.45	0.0	0.0	0.0	-10.71	322	2
322	38.5500	113.1858	5961.9	1502.30	2052.31	1.49	-560.54	182.58	0.0	0.0	0.0	26.46	322	2599
323	38.3058	112.9215	6196.0	1456.83	2030.87	1.50	-532.54	189.75	0.0	0.0	0.0	17.25	323	2
324	38.3053	112.9040	6687.0	1423.80	2030.83	1.52	-628.68	204.78	0.0	0.0	0.0	15.36	324	2
324	38.5583	113.0233	4898.9	1551.89	2053.04	1.40	-460.63	150.02	0.0	0.0	0.0	8.06	324	2599
325	38.5583	113.1017	5274.9	1549.04	2053.04	1.44	-495.97	161.54	0.0	0.0	0.0	28.99	325	2599
325	38.3068	112.8380	7153.0	1396.33	2030.95	1.51	-672.94	219.21	0.0	0.0	0.0	17.59	325	2
326	38.2853	112.9368	5616.0	1493.18	2029.07	1.47	-528.03	171.98	0.0	0.0	0.0	18.68	326	2
327	38.3207	112.9365	5753.0	1484.91	2032.17	1.48	-540.91	176.18	0.0	0.0	0.0	15.99	327	2
327	38.5622	113.1527	5607.9	1531.87	2053.38	1.47	-527.27	171.74	0.0	0.0	0.0	32.55	327	2599
328	38.5633	113.0467	4919.9	1552.97	2053.48	1.40	-462.61	150.67	0.0	0.0	0.0	10.02	328	2599
328	38.6957	112.8983	5052.0	1576.17	2065.21	1.42	-475.02	154.71	0.0	0.0	0.0	29.85	328	2
329	38.7250	112.8983	5072.0	1581.00	2067.71	1.42	-476.90	155.32	0.0	0.0	0.0	33.45	329	2
329	38.5633	113.1233	5444.9	1539.80	2053.48	1.46	-511.94	166.74	0.0	0.0	0.0	30.06	329	2599
330	38.7617	112.8763	5072.0	1576.43	2070.93	1.42	-476.90	155.32	0.0	0.0	0.0	25.70	330	2
331	38.5643	113.1838	5837.1	1511.11	2053.57	1.49	-553.51	180.29	0.0	0.0	0.0	29.27	331	2599
337	38.5733	113.0833	5109.9	1549.18	2054.36	1.42	-480.46	156.49	0.0	0.0	0.0	17.37	337	2599
338	38.5735	113.2038	6230.0	1492.89	2054.33	1.51	-535.73	190.79	0.0	0.0	0.0	31.95	338	2599
339	38.5750	113.2257	6748.0	1463.33	2054.51	1.52	-634.41	206.65	0.0	0.0	0.0	35.06	339	2599
340	38.5757	113.1775	5841.3	1516.61	2054.57	1.49	-549.25	178.90	0.0	0.0	0.0	30.91	340	2599
342	38.5800	113.1533	5630.9	1530.78	2054.95	1.47	-529.43	172.44	0.0	0.0	0.0	31.35	342	2599
343	38.5800	113.1600	5630.9	1531.04	2054.95	1.47	-529.43	172.44	0.0	0.0	0.0	31.61	343	2599
347	38.5375	113.1195	5287.1	1543.23	2055.61	1.44	-497.11	161.91	0.0	0.0	0.0	26.38	347	2599
348	38.5483	113.0467	4923.9	1556.86	2055.63	1.40	-462.98	150.79	0.0	0.0	0.0	11.96	348	2599

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****								BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	INNER	OUTER	TOTAL			
349	38.5883	113.0650	5025.9	1552.31	2055.68	1.41	-472.57	153.91	0.0	0.0	0.0	13.87	349	2599	
352	38.5900	113.1022	5195.8	1549.95	2055.83	1.43	-438.54	159.12	0.0	0.0	0.0	22.11	352	2599	
353	38.5933	113.1483	5448.1	1543.10	2056.12	1.46	-512.25	166.84	0.0	0.0	0.0	30.93	353	2599	
354	38.5967	113.1633	5580.0	1538.17	2056.42	1.47	-524.65	170.88	0.0	0.0	0.0	34.05	354	2599	
355	38.5967	113.1650	5532.0	1537.98	2056.42	1.47	-524.83	170.94	0.0	0.0	0.0	33.99	355	2599	
358	38.6017	113.1950	5971.1	1514.97	2056.85	1.49	-561.40	182.86	0.0	0.0	0.0	35.16	358	2599	
361	38.6067	113.1800	5756.9	1529.14	2057.29	1.48	-541.27	176.30	0.0	0.0	0.0	35.33	361	2599	
363	38.6107	113.0970	5054.1	1559.11	2057.65	1.42	-475.22	154.78	0.0	0.0	0.0	20.49	363	2599	
364	38.6117	113.1567	5513.1	1544.45	2057.73	1.46	-518.36	168.83	0.0	0.0	0.0	34.78	364	2599	
365	38.6137	113.2025	6044.9	1511.27	2057.91	1.50	-563.34	185.12	0.0	0.0	0.0	35.08	365	2599	
366	38.6167	113.1400	5341.3	1554.24	2058.17	1.45	-502.26	163.59	0.0	0.0	0.0	33.29	366	2599	
368	38.6183	113.1450	5334.8	1552.83	2058.32	1.45	-506.30	164.90	0.0	0.0	0.0	34.45	368	2599	
372	38.6317	113.0183	4860.9	1575.16	2059.49	1.39	-457.05	148.86	0.0	0.0	0.0	20.47	372	2599	
373	38.6317	113.0467	4830.9	1576.31	2059.49	1.40	-458.94	149.47	0.0	0.0	0.0	25.38	373	2599	
374	38.6317	113.0750	4956.0	1570.93	2059.49	1.41	-466.00	151.77	0.0	0.0	0.0	24.31	374	2599	
375	38.6317	113.1617	6012.1	1515.87	2059.49	1.50	-565.26	184.12	0.0	0.0	0.0	36.02	375	2599	
377	38.6360	113.2047	5622.0	1535.10	2059.87	1.47	-528.59	172.17	0.0	0.0	0.0	30.18	377	2599	
384	38.6457	113.0653	4893.0	1580.23	2060.72	1.40	-460.08	149.84	0.0	0.0	0.0	28.34	384	2599	
385	38.6467	113.1017	5042.0	1576.08	2060.31	1.42	-474.08	154.41	0.0	0.0	0.0	33.52	385	2599	
386	38.6483	113.1767	5431.1	1553.26	2060.96	1.46	-510.65	166.32	0.0	0.0	0.0	35.17	386	2599	
387	38.6490	113.2220	5361.9	1550.54	2061.02	1.45	-504.14	164.20	0.0	0.0	0.0	28.01	387	2599	
390	38.6633	113.2250	5140.1	1565.91	2062.23	1.43	-433.30	157.41	0.0	0.0	0.0	28.09	390	2599	
391	38.6650	113.1717	5116.1	1569.51	2062.43	1.42	-431.04	156.68	0.0	0.0	0.0	30.03	391	2599	
392	38.6650	113.1967	5099.1	1564.49	2062.43	1.42	-479.44	156.15	0.0	0.0	0.0	23.93	392	2599	
393	38.6650	113.2067	5110.1	1564.94	2062.43	1.42	-481.23	156.74	0.0	0.0	0.0	25.58	393	2599	
396	38.6632	113.0527	4863.3	1590.88	2062.70	1.39	-457.33	143.95	0.0	0.0	0.0	35.16	396	2599	
397	38.6633	113.2200	5078.1	1569.46	2062.72	1.42	-477.47	155.51	0.0	0.0	0.0	27.28	397	2599	
400	38.6750	113.0933	5020.0	1582.36	2063.30	1.41	-472.01	153.73	0.0	0.0	0.0	35.92	400	2599	
405	38.6827	113.0413	4883.8	1591.27	2063.98	1.40	-459.21	149.56	0.0	0.0	0.0	35.54	405	2599	
408	38.6947	113.2310	4730.0	1593.73	2065.04	1.38	-444.75	144.85	0.0	0.0	0.0	27.22	408	2599	
409	38.6950	113.2317	4730.0	1593.91	2065.06	1.38	-444.75	144.85	0.0	0.0	0.0	27.37	409	2599	
410	38.6957	113.1667	4734.9	1590.73	2065.12	1.38	-445.21	145.00	0.0	0.0	0.0	24.44	410	2599	
411	38.6963	113.2048	4751.9	1591.71	2065.18	1.38	-446.81	145.52	0.0	0.0	0.0	26.44	411	2599	
412	38.6967	113.2050	4752.9	1591.78	2065.21	1.38	-446.91	145.55	0.0	0.0	0.0	26.54	412	2599	
413	38.6968	113.1533	4750.0	1592.74	2065.23	1.38	-446.63	145.46	0.0	0.0	0.0	27.30	413	2599	
414	38.6970	113.1153	5069.9	1582.48	2065.24	1.42	-476.70	155.26	0.0	0.0	0.0	37.26	414	2599	
415	38.6977	113.1542	4827.1	1592.94	2065.30	1.39	-453.88	147.82	0.0	0.0	0.0	32.30	415	2599	
418	38.6988	113.0888	5212.9	1573.35	2065.40	1.43	-490.14	159.64	0.0	0.0	0.0	37.02	418	2599	
421	38.7020	113.0627	5070.8	1582.34	2065.68	1.42	-476.79	155.29	0.0	0.0	0.0	36.74	421	2599	
423	38.7060	113.0428	4987.3	1587.88	2066.03	1.41	-468.99	152.75	0.0	0.0	0.0	36.68	423	2599	
424	38.7067	113.1167	4896.0	1594.14	2066.09	1.40	-460.35	149.93	0.0	0.0	0.0	37.07	424	2599	
425	38.7080	113.2117	4661.1	1598.97	2066.21	1.37	-438.27	142.74	0.0	0.0	0.0	26.93	425	2599	
426	38.7117	113.0283	4921.9	1591.49	2066.53	1.40	-462.79	150.73	0.0	0.0	0.0	35.62	426	2599	
427	38.7117	113.2433	4596.1	1598.98	2066.53	1.36	-432.17	140.75	0.0	0.0	0.0	22.50	427	2599	
429	38.7150	113.0117	4855.0	1595.12	2066.83	1.39	-456.59	148.71	0.0	0.0	0.0	34.78	429	2599	
434	38.7233	113.1333	4642.0	1600.57	2067.56	1.36	-436.48	142.16	0.0	0.0	0.0	25.97	434	2599	
435	38.7250	113.1017	4976.0	1591.69	2067.71	1.41	-467.38	152.39	0.0	0.0	0.0	38.07	435	2599	
436	38.7250	113.2135	4523.9	1605.93	2067.71	1.35	-425.84	138.69	0.0	0.0	0.0	24.03	436	2599	
438	38.7325	113.1952	4523.9	1605.73	2068.37	1.35	-425.36	138.54	0.0	0.0	0.0	22.86	438	2599	
439	38.7325	113.2138	4523.9	1604.80	2068.37	1.35	-425.38	138.54	0.0	0.0	0.0	21.93	439	2599	
440	38.7383	113.1250	4644.0	1599.93	2068.68	1.36	-436.67	142.22	0.0	0.0	0.0	24.14	440	2599	
442	38.7433	113.0950	4355.0	1600.42	2069.32	1.39	-456.50	148.68	0.0	0.0	0.0	37.53	442	2599	
444	38.7467	113.0583	5047.9	1589.08	2069.61	1.42	-474.63	154.59	0.0	0.0	0.0	38.09	444	2599	
1001	38.3242	112.9908	5021.0	1522.03	2032.48	1.41	-472.11	153.76	0.0	0.0	0.0	6.48	1001	2	
1002	38.3233	112.9716	5098.0	1521.12	2032.41	1.42	-479.35	156.12	0.0	0.0	0.0	10.52	1002	2	

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****				*****			BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	INNER	CUTER			
1003	38.3233	112.9533	5304.0	1510.47	2032.41	1.44	-498.71	162.43	0.0	0.0	0.0	12.90	1003	2
1004	38.3383	112.9350	5531.0	1496.49	2033.72	1.46	-520.04	169.38	0.0	0.0	0.0	11.97	1004	2
1005	38.3383	112.9533	5233.0	1511.88	2033.72	1.44	-492.03	160.26	0.0	0.0	0.0	8.50	1005	2
1006	38.3533	112.9533	5244.0	1509.26	2035.04	1.44	-493.07	160.59	0.0	0.0	0.0	5.26	1006	2
1007	38.3683	112.9716	5074.0	1515.47	2036.35	1.42	-477.09	155.39	0.0	0.0	0.0	0.40	1007	2
1008	38.3967	112.9900	4955.0	1522.56	2038.84	1.41	-465.90	151.74	0.0	0.0	0.0	-3.52	1008	2
1009	38.4117	112.9533	5119.0	1510.63	2040.16	1.42	-481.32	156.76	0.0	0.0	0.0	-6.40	1009	2
1010	38.3967	112.9533	5131.0	1511.11	2038.84	1.43	-482.45	157.13	0.0	0.0	0.0	-3.84	1010	2
1011	38.3817	112.9533	5164.0	1510.74	2037.52	1.43	-485.55	158.14	0.0	0.0	0.0	-0.81	1011	2
1012	38.3817	112.9400	5273.0	1504.34	2037.52	1.44	-496.26	161.63	0.0	0.0	0.0	0.00	1012	2
1013	38.4142	112.9242	5364.0	1499.77	2040.33	1.45	-504.35	164.27	0.0	0.0	0.0	-1.98	1013	2
1014	38.4333	112.9000	5604.0	1488.42	2042.06	1.47	-526.90	171.62	0.0	0.0	0.0	0.18	1014	2
1015	38.4333	112.8833	5775.0	1480.07	2042.06	1.48	-542.97	176.85	0.0	0.0	0.0	2.65	1015	2
1016	38.4158	112.8325	6511.0	1432.34	2040.52	1.51	-612.14	199.39	0.0	0.0	0.0	3.05	1016	2
1017	38.3883	112.8375	6334.0	1447.05	2038.11	1.51	-595.51	193.97	0.0	0.0	0.0	8.97	1017	2
1018	38.4325	112.9175	5450.0	1495.66	2041.99	1.46	-512.43	166.90	0.0	0.0	0.0	-2.26	1018	2
1019	38.4308	112.9308	5315.0	1501.68	2041.84	1.44	-499.83	162.80	0.0	0.0	0.0	-4.57	1019	2
1020	38.4417	112.9533	5104.0	1510.91	2042.79	1.42	-479.91	156.30	0.0	0.0	0.0	-9.70	1020	2
1021	38.4550	112.9733	5033.0	1518.11	2043.96	1.41	-473.23	154.13	0.0	0.0	0.0	-8.16	1021	2
1022	38.4417	112.9716	5004.0	1519.23	2042.79	1.41	-470.51	153.24	0.0	0.0	0.0	-7.71	1022	2
1023	38.4300	112.9883	4957.0	1523.98	2041.77	1.41	-466.09	151.80	0.0	0.0	0.0	-4.90	1023	2
1024	38.4275	112.9716	5030.0	1515.99	2041.55	1.42	-473.80	154.31	0.0	0.0	0.0	-7.49	1024	2
1025	38.5000	112.9350	5076.0	1523.60	2047.92	1.42	-477.23	155.45	0.0	0.0	0.0	-3.91	1025	2
1026	38.5183	112.9267	5130.0	1524.13	2049.53	1.43	-482.35	157.10	0.0	0.0	0.0	-1.57	1026	2
1027	38.5433	112.9000	5187.0	1530.69	2051.73	1.43	-487.71	158.85	0.0	0.0	0.0	6.39	1027	2
1028	38.5533	112.8792	5339.0	1530.25	2052.60	1.45	-501.99	163.50	0.0	0.0	0.0	14.69	1028	2
1029	38.5533	112.8500	5764.0	1516.61	2052.60	1.48	-541.94	176.52	0.0	0.0	0.0	27.94	1029	2
1030	38.5542	112.8250	6379.0	1475.93	2052.68	1.51	-599.73	195.35	0.0	0.0	0.0	26.12	1030	2
1031	38.3392	112.9908	5005.0	1522.71	2033.79	1.41	-470.60	153.27	0.0	0.0	0.0	4.84	1031	2
1032	38.3453	112.9803	5030.0	1520.99	2034.38	1.41	-472.95	154.04	0.0	0.0	0.0	4.11	1032	2
1033	38.3625	112.9908	4992.0	1521.63	2035.84	1.41	-469.38	152.87	0.0	0.0	0.0	0.89	1033	2
1034	38.3100	112.9908	5043.0	1520.60	2031.23	1.42	-474.18	154.44	0.0	0.0	0.0	7.69	1034	2
1035	38.2875	112.9908	5078.0	1516.51	2029.26	1.42	-477.47	155.51	0.0	0.0	0.0	7.79	1035	2
1036	38.2800	112.9725	5143.0	1513.28	2028.60	1.43	-483.53	157.50	0.0	0.0	0.0	9.33	1036	2
1037	38.2975	112.9675	5198.0	1513.92	2030.14	1.43	-488.75	159.18	0.0	0.0	0.0	11.91	1037	2
1038	38.2650	112.9350	5526.0	1495.30	2027.29	1.46	-519.57	169.23	0.0	0.0	0.0	16.90	1038	2
1039	38.3017	112.9417	5738.0	1486.41	2030.50	1.48	-539.50	175.72	0.0	0.0	0.0	18.20	1039	2
1040	38.3058	112.9117	6481.0	1442.77	2030.87	1.51	-609.32	198.47	0.0	0.0	0.0	21.24	1040	2
1041	38.2658	112.9583	5298.0	1504.52	2027.35	1.44	-498.14	162.25	0.0	0.0	0.0	11.62	1041	2
1042	38.2625	112.9767	5123.0	1511.52	2027.07	1.42	-481.70	156.89	0.0	0.0	0.0	7.84	1042	2
1043	38.2367	113.0650	5050.0	1513.39	2024.80	1.42	-474.83	154.65	0.0	0.0	0.0	7.35	1043	2
1044	38.2216	113.0833	5042.0	1512.95	2023.49	1.42	-474.08	154.41	0.0	0.0	0.0	7.73	1044	2
1045	38.2225	113.0650	5059.0	1514.57	2023.56	1.42	-475.68	154.93	0.0	0.0	0.0	10.35	1045	2
1046	38.2250	113.0458	5082.0	1515.96	2023.78	1.42	-477.84	155.63	0.0	0.0	0.0	12.97	1046	2
1047	38.2250	113.0283	5105.0	1511.98	2023.78	1.42	-480.00	156.34	0.0	0.0	0.0	10.45	1047	2
1048	38.2225	113.0092	5128.0	1508.05	2023.56	1.43	-482.17	157.04	0.0	0.0	0.0	8.19	1048	2
1049	38.2216	112.9592	5208.0	1500.30	2023.49	1.43	-489.69	159.49	0.0	0.0	0.0	5.58	1049	2
1050	38.2142	112.8783	5343.0	1501.90	2022.83	1.45	-502.37	163.62	0.0	0.0	0.0	16.37	1050	2
1051	38.2017	112.8450	5397.0	1487.03	2021.73	1.45	-507.45	165.28	0.0	0.0	0.0	6.02	1051	2
1052	38.2216	112.9142	5308.0	1501.92	2023.49	1.44	-499.08	162.55	0.0	0.0	0.0	13.52	1052	2
1053	38.2358	112.9358	5320.0	1502.02	2024.73	1.45	-500.21	162.92	0.0	0.0	0.0	13.14	1053	2
1054	38.2358	112.9733	5178.0	1504.69	2024.73	1.43	-486.87	158.57	0.0	0.0	0.0	6.82	1054	2
1055	38.2125	112.9533	5219.0	1497.35	2022.68	1.43	-490.72	159.83	0.0	0.0	0.0	4.12	1055	2
1056	38.1925	112.9917	5188.0	1497.82	2020.93	1.43	-487.81	158.88	0.0	0.0	0.0	4.39	1056	2
1057	38.2066	112.9917	5160.0	1500.61	2022.17	1.43	-485.17	158.02	0.0	0.0	0.0	4.16	1057	2

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN
 BOUGUER DENSITY = 2.40 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

STA #	LAT	LONG	ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****							BOUG ANOMALY + 200.0	STA #	MAP #
					LATITUDE	CURV	FREE AIR	BOUG	--- TERRAIN ---	INNER	OUTER			
1058	38.1833	112.9425	5470.0	1482.69	2020.13	1.46	-514.31	167.51	0.0	0.0	0.0	7.90	1058	2
1059	38.1675	112.9233	5820.0	1464.23	2018.74	1.49	-547.21	178.23	0.0	0.0	0.0	12.98	1059	2
1060	38.1592	112.9067	6043.0	1452.38	2018.01	1.50	-568.63	185.21	0.0	0.0	0.0	16.29	1060	2
1061	38.1625	112.9550	5527.0	1478.62	2018.30	1.46	-519.67	169.26	0.0	0.0	0.0	9.26	1061	2
1062	38.1483	112.9592	5577.0	1472.17	2017.06	1.47	-524.37	170.79	0.0	0.0	0.0	7.22	1062	2
1063	38.1308	112.9758	5803.0	1460.02	2015.53	1.48	-545.61	177.71	0.0	0.0	0.0	10.91	1063	2
1064	38.1317	112.9942	5888.0	1456.38	2015.60	1.49	-553.60	180.31	0.0	0.0	0.0	12.57	1064	2
1065	38.1783	112.9733	5320.0	1490.45	2019.69	1.45	-500.21	162.92	0.0	0.0	0.0	6.61	1065	2
1066	38.1550	113.0350	5399.0	1488.81	2017.65	1.45	-507.64	165.34	0.0	0.0	0.0	12.01	1066	2
1067	38.1292	113.1417	5459.0	1483.02	2015.38	1.46	-513.28	167.18	0.0	0.0	0.0	12.28	1067	2
1068	38.1925	113.1583	5028.0	1509.99	2020.93	1.41	-472.77	153.98	0.0	0.0	0.0	6.44	1068	2
1069	38.2066	113.1592	5021.0	1513.17	2022.17	1.41	-472.11	153.76	0.0	0.0	0.0	7.93	1069	2
1070	38.2066	113.1400	5022.0	1513.87	2022.17	1.41	-472.20	153.79	0.0	0.0	0.0	8.69	1070	2
1071	38.2066	113.1017	5041.0	1513.18	2022.17	1.42	-473.99	154.38	0.0	0.0	0.0	9.21	1071	2
1072	38.1925	113.1025	5045.0	1513.34	2020.93	1.42	-474.37	154.50	0.0	0.0	0.0	10.86	1072	2
1073	38.1783	113.1025	5064.0	1509.46	2019.69	1.42	-476.15	155.08	0.0	0.0	0.0	9.43	1073	2
1074	38.2066	113.0467	5084.0	1515.25	2022.17	1.42	-478.03	155.69	0.0	0.0	0.0	14.00	1074	2
1075	38.1925	113.0467	5093.0	1513.69	2020.93	1.42	-478.88	155.97	0.0	0.0	0.0	14.25	1075	2
1076	38.2066	113.1203	5032.0	1515.67	2022.17	1.41	-473.14	154.10	0.0	0.0	0.0	11.13	1076	2
1077	38.2216	113.1208	5022.0	1516.20	2023.49	1.41	-472.20	153.79	0.0	0.0	0.0	9.71	1077	2
1078	38.2258	113.1583	5047.0	1513.83	2023.85	1.42	-474.55	154.56	0.0	0.0	0.0	8.55	1078	2
1079	38.1925	113.1950	5038.0	1508.33	2020.93	1.42	-473.71	154.26	0.0	0.0	0.0	5.41	1079	2
1080	38.2208	113.1000	5047.0	1514.45	2023.42	1.42	-474.55	154.56	0.0	0.0	0.0	9.61	1080	2
1081	38.2367	113.1575	5095.0	1512.03	2024.80	1.42	-479.06	156.03	0.0	0.0	0.0	8.84	1081	2
1082	38.2517	113.1575	5151.0	1512.79	2026.12	1.43	-484.33	157.74	0.0	0.0	0.0	11.83	1082	2
1083	38.2066	113.1950	5046.0	1507.48	2022.17	1.42	-474.46	154.53	0.0	0.0	0.0	3.82	1083	2
1084	38.2066	113.2450	5198.0	1499.96	2022.17	1.43	-488.75	159.18	0.0	0.0	0.0	5.92	1084	2
1085	38.2133	113.2708	5268.0	1493.83	2022.76	1.44	-495.33	161.33	0.0	0.0	0.0	3.63	1085	2
1086	38.2250	113.3033	5320.0	1492.70	2023.78	1.45	-500.21	162.92	0.0	0.0	0.0	4.77	1086	2
1087	38.2375	113.3367	5426.0	1489.21	2024.88	1.46	-510.18	166.17	0.0	0.0	0.0	6.89	1087	2
1088	38.2333	113.3633	5514.0	1474.79	2024.51	1.46	-518.45	168.86	0.0	0.0	0.0	-1.60	1088	2
1089	38.2267	113.3983	5722.0	1468.77	2023.93	1.48	-537.99	175.23	0.0	0.0	0.0	6.13	1089	2
1090	38.1967	113.4300	6204.0	1438.37	2021.30	1.51	-583.29	139.99	0.0	0.0	0.0	8.87	1090	2
1091	38.2133	113.2250	5102.0	1501.17	2022.76	1.42	-479.72	156.24	0.0	0.0	0.0	0.47	1091	2
1092	38.1925	113.2500	5139.0	1501.19	2020.93	1.43	-483.20	157.38	0.0	0.0	0.0	4.66	1092	2
1093	38.1783	113.2500	5077.0	1502.00	2019.69	1.42	-477.37	155.48	0.0	0.0	0.0	2.79	1093	2
1095	38.1292	113.2142	5082.0	1497.97	2015.38	1.42	-477.84	155.63	0.0	0.0	0.0	3.38	1095	2
1096	38.1183	113.2133	5107.0	1493.73	2014.43	1.42	-480.19	156.40	0.0	0.0	0.0	1.67	1096	2
1097	38.0858	113.2300	5172.0	1491.91	2011.59	1.43	-486.30	158.39	0.0	0.0	0.0	6.81	1097	2
1098	38.1150	113.2417	5076.0	1497.08	2014.14	1.42	-477.23	155.45	0.0	0.0	0.0	3.35	1098	2
1099	38.1333	113.2417	5065.0	1497.52	2015.75	1.42	-476.25	155.11	0.0	0.0	0.0	1.49	1099	2
1100	38.1408	113.2483	5063.0	1499.03	2016.40	1.42	-476.05	155.05	0.0	0.0	0.0	2.22	1100	2
1101	38.2508	113.1017	5025.0	1518.31	2026.04	1.41	-472.48	153.89	0.0	0.0	0.0	9.45	1101	2
1102	38.2508	113.0833	5030.0	1514.98	2026.04	1.41	-472.96	154.04	0.0	0.0	0.0	6.44	1102	2
1103	38.5000	113.0275	4984.0	1541.09	2047.92	1.41	-468.63	152.63	0.0	0.0	0.0	7.76	1103	2
1104	38.5000	113.0458	5030.0	1544.32	2047.92	1.41	-472.95	154.04	0.0	0.0	0.0	13.90	1104	2
1105	38.4350	113.0458	5030.0	1542.23	2046.60	1.41	-472.95	154.04	0.0	0.0	0.0	13.13	1105	2
1106	38.4708	113.0458	5031.0	1541.86	2045.35	1.41	-473.05	154.07	0.0	0.0	0.0	14.07	1106	2
1107	38.4708	113.0275	4991.0	1536.54	2045.35	1.41	-469.29	152.84	0.0	0.0	0.0	6.22	1107	2
1184	38.1667	113.1400	5135.0	1502.33	2018.67	1.43	-482.83	157.25	0.0	0.0	0.0	7.81	1184	2
1389	38.3833	112.9917	4985.0	1520.57	2037.67	1.41	-468.72	152.66	0.0	0.0	0.0	-2.45	1389	2

***** END PLOTTER TAPE BLOCK NUMBER 1 *****


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IEF285I  GRAVPGMS                      KEPT
IEF285I  VOL SER NOS= OSYST3.
IEF285I  SYS74311.T124952.SV000.GRDSPOTM.R0000012  SYSOUT
IEF285I  VOL SER NOS= OSYST4.
IEF285I  SYS74311.T124952.RV000.GRDSPOTM.S0000016  SYSIN
IEF285I  VOL SER NOS= OSYST2.
IEF285I  SYS74311.T124952.RV000.GRDSPOTM.S0000016  DELETED
IEF285I  VOL SER NOS= OSYST2.
IEF285I  SYS74311.T124952.SV000.GRDSPOTM.R0000013  SYSOUT
IEF285I  VOL SER NOS= OSYST2.
IEF285I  SYS74311.T124952.RV000.GRDSPOTM.R0000014  DELETED
IEF285I  VOL SER NOS= OSYST5.
IEF285I  PLOT22                          KEPT
IEF285I  VOL SER NOS= PLOT22.
IEF285I  SYS74311.T124952.RV000.GRDSPOTM.R0000015  KEPT
IEF285I  VOL SER NOS= COVE .

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IEF280E K 284,COVE ,GRDSPOTM,GO
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STEP  GO      END 12:54:07 11/07/74 REAL = 00:02:21 CPU = 00:01:02.4 REGION = 180K CORE USED = 140K
JOB   GRDSPOTM END 12:54:07 11/07/74 REAL = 00:02:22 CPU = 00:01:02.4

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3497 KLEINKOPF, M. D.
GRAVITY DATA FROM THE SILVER CLIFF, COLORADO SURVEY
USGS, 1971, CO, 127 PTS.

3502 PEMBERTON
TRIP AD, SERIES P1
UNIVERSITY OF WISCONSIN, 1954, 820 PTS.

3503 WOOLLARD, G. P.
TRIP AE, SERIES B
PRINCETON UNIVERSITY, 1939, 573 PTS.

3506 THIEL, E. C.
TRIP AH, SERIES T
UNIVERSITY OF WISCONSIN, 1955, 436 PTS.

3507 MACK, J. AND IVERSON, R. M.
TRIP AI, SERIES M
UNIVERSITY OF WISCONSIN, 1955, 435 PTS.

3515 WOLFE
TRIP AR, SERIES PW
UNIVERSITY OF WISCONSIN, 1959, 352 PTS.

3523 MOWER, L.
TRIP AZ, SERIES Y
UNIVERSITY OF WISCONSIN, 859 PTS.

3557 BLACK, W. E.
TRIP DE, SERIES G
UNIVERSITY OF WISCONSIN, 1951, 101 PTS.

3575 ROSE, J. C.
TRIP TT, SERIES F
UNIVERSITY OF WISCONSIN, 1949, 913 PTS.

- 3578 BLACK, W. E.
TRIP TW, SERIES F
UNIVERSITY OF WISCONSIN, 1950, 756 PTS.
- 3598 OSTENSO, N.
TRIP ZZ, SERIES NI
UNIVERSITY OF WISCONSIN, 1953, 1082 PTS.
- 3603 GEOLOGICAL SURVEY, U.S.
GRAVITY DATA FROM THE CURLEW VALLEY, UTAH AND IDAHO
SURVEY
USGS, 1971, CO, 110 PTS.
- 3604 GEOLOGICAL SURVEY, U.S.
GRAVITY DATA FROM THE LOWER MALAD VALLEY, UTAH SURVEY
USGS, 1971, CO, 177 PTS.
- 3634 ARMY MAP SERVICE (USATOPOCOM)
ARIZONA REGIONAL GRAVITY SURVEY
AMS, REPORT NO. 24-A, 1970-1971, AZ, 122 PTS.
- 3638 ARMY MAP SERVICE, (USATOPOCOM)
NEW MEXICO REGIONAL GRAVITY SURVEY
AMS, REPORT NO. 331, 1971, 258 PTS.
- 3662 UNITED STATES ARMY TOPOGRAPHIC COMMAND
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USATOPOCOM, AUG.-OCT. 1970, NM, 249 PTS.
- 3664 UNITED STATES ARMY TOPOGRAPHIC COMMAND
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USATOPOCOM, APR.-JUN. 1971, NM, 216 PTS.
- 3683 UNITED STATES ARMY TOPOGRAPHIC COMMAND
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USATOPOCOM, REPORTS 52 AND 31E, NOV. 1971, 769 PTS.
- 3685 COOK, K. L. AND OTHERS
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UTAH GEOLOGICAL AND MINERALOGICAL SURVEY,
BULLETIN 92, OCTOBER 1971, 46 PTS.
- 3814 PLOUFF, D.
USGS GRAVITY DATA, COLORADO NEAR SAN JUAN MOUNTAINS
USGS, JUN. 1972, CO, 2813 PTS.
- 3816 DEFENSE MAPPING AGENCY TOPOGRAPHIC CENTER
NEVADA REGIONAL GRAVITY SURVEY
DMATC, JUN. 1972, NV, 109 PTS.

- 3817 DEFENSE MAPPING AGENCY TOPOGRAPHIC CENTER
NEVADA GRAVITY BASE SURVEY
DMATC, MAY 1972, NV, 12 PTS.
- 3872 DEFENSE MAPPING AGENCY TOPOGRAPHIC CENTER
NEVADA REGIONAL GRAVITY SURVEY 79-B
DMATC, SEPT. 1972, NV, 14 PTS.
- 3925 UNITED STATES GEOLOGICAL SURVEY
GRAVITY DATA IN IDAHO, MONTANA AND WYOMING
USGS, 1972, ID, MT, WY, 977 PTS
- 3932 DEFENSE MAPPING AGENCY TOPOGRAPHIC CENTER
UTAH REGIONAL GRAVITY SURVEY
DMATC, REPORT 95A, FEB. 1973, UT, 15 PTS.
- 3948 DEFENSE MAPPING AGENCY TOPOGRAPHIC CENTER
UTAH REGIONAL GRAVITY SURVEY
DMATC, REPORT 95-B, MAR. 1973, UT, 47 PTS.
- 4059 UNIVERSITY OF HAWAII
TRIP GB, SERIES AS, GRAVITY STATIONS IN UTAH,
COLORADO, NORTH DAKOTA AND SOUTH DAKOTA
UNIVERSITY OF HAWAII, 2367 PTS.
- 4060 UNIVERSITY OF HAWAII
TRIP GB, SERIES AV, GRAVITY STATIONS IN WYOMING
UNIVERSITY OF HAWAII, 1945-1949, 5266 PTS.
- 4099 ARMY MAP SERVICE (USATOPOCOM)
GRAVITY DATA IN THE UNITED STATES
NORTH-SOUTH PROFILES
HAWAII INST. OF GEOPHYSICS, 1967, 1651 PTS.
- 5117 GEODETIC SURVEY SQUADRON, 1ST
GRAVITY DATA FOR NEW MEXICO
1ST GSS, 1969, 1227 PTS.
- 5118 GEODETIC SURVEY SQUADRON, 1ST
UTAH REGIONAL GRAVITY SURVEY
1ST GSS, 1972, 567 PTS.
- 5119 THERE IS NO INFORMATION AVAILABLE FOR THIS POINT.
- 5131 GEODETIC SURVEY SQUADRON, 1ST
GRAVITY DATA FOR UTAH
1ST GSS, 1969, 117 PTS.
- 5132 GEODETIC SURVEY SQUADRON, 1ST
GRAVITY DATA FOR THE STATE OF COLORADO
1ST GSS, 1970, 636 PTS.

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5156 GEODETIC SURVEY SQUADRON, 1ST (C)
GRAVITY DATA FOR THE STATE OF MONTANA
1ST GSS, 1971, 686 PTS. GROUP 3

5161 GEODETIC SURVEY SQUADRON, 1ST
GRAVITY DATA FOR THE STATE OF UTAH
1ST GSS, 1971, 83 PTS.

5165 GEODETIC SURVEY SQUADRON, 1ST
UTAH REGIONAL GRAVITY SURVEY
1ST GSS, 1972, 284 PTS.

5167 GEODETIC SURVEY SQUADRON, 1ST
COLORADO REGIONAL GRAVITY SURVEY
1ST GSS, 1971, 276 PTS.

5173 DMAAC GEODETIC SURVEY SQUADRON
UTAH REGIONAL GRAVITY SURVEY
DMAAC/GSSQ, 1972, UT, 144 PTS.

5175 DMAAC GEODETIC SURVEY SQUADRON (C)
WYOMING REGIONAL GRAVITY SURVEY
DMAAC/GSSQ, 1972, WY, 231 PTS. Ex. 3

5176 GEODETIC SURVEY SQUADRON, 1ST
UTAH REGIONAL GRAVITY SURVEY
1ST GSS, 1972, 490 PTS.

THIS JOB HAS BEEN SUCCESSFULLY COMPLETED.

90 DATA SETS WERE PRINTED.
DATA IGNORED - IN CONTROL MODE

DFIN