

GL02868 -148

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

CARSON, NEVADA

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STA #	LATITUDE		LONGITUDE		ELEV	OBSERVED GRAVITY	CORRECTIONS							BOUG	GRAV 900.0	STA #	MAP #
	DEG	MIN	DEG	MIN			*LATITUDE	CURV	FREE AIR	BOUG	TERRAIN						
						mg	mg	mg	mg	*INNER	OUTER	TOTAL*	+				
521	39.2843	17.1	118.6747	40.5	3915.9	977.36	2117.05	1.24	-368.22	133.41	0.0	0.0	0.0	-6.12	521	8065	
522	39.2842	17.1	118.6765	40.6	3915.8	977.61	2117.04	1.24	-368.21	133.41	0.0	0.0	0.0	-5.87	522	8065	
523	39.2838	17.0	118.6782	40.7	3915.7	977.75	2117.00	1.24	-368.20	133.40	0.0	0.0	0.0	-5.70	523	8065	
524	39.2840	17.0	118.6798	40.8	3915.6	977.83	2117.02	1.24	-368.19	133.40	0.0	0.0	0.0	-5.64	524	8065	
525	39.2842	17.1	118.6815	40.9	3915.5	977.76	2117.04	1.24	-368.18	133.40	0.0	0.0	0.0	-5.73	525	8065	
526	39.2842	17.1	118.6832	41.0	3915.4	977.86	2117.04	1.24	-368.17	133.39	0.0	0.0	0.0	-5.65	526	8065	
527	39.2842	17.1	118.6850	41.1	3915.3	978.01	2117.04	1.24	-368.16	133.39	0.0	0.0	0.0	-5.50	527	8065	
528	39.2842	17.1	118.6867	41.2	3915.2	978.13	2117.04	1.24	-368.15	133.39	0.0	0.0	0.0	-5.36	528	8065	
529	39.2842	17.1	118.6882	41.3	3915.1	978.71	2117.04	1.24	-368.15	133.38	0.0	0.0	0.0	-4.81	529	8065	
530	39.2840	17.0	118.6897	41.4	3915.0	978.63	2117.02	1.24	-368.14	133.38	0.0	0.0	0.0	-4.88	530	8065	
94	39.3602	21.6	118.6258	37.5	3935.7	995.45	2123.76	1.25	-370.08	134.09	0.0	0.0	0.0	6.43	94	8065	
95	39.3615	21.7	118.6270	37.6	3935.7	996.10	2123.88	1.25	-370.08	134.09	0.0	0.0	0.0	6.97	95	8065	
96	39.3627	21.8	118.6285	37.7	3935.8	996.88	2123.98	1.25	-370.09	134.09	0.0	0.0	0.0	7.65	96	8065	
97	39.3637	21.8	118.6293	37.8	3935.8	995.92	2124.07	1.25	-370.09	134.09	0.0	0.0	0.0	6.60	97	8065	
7009	39.2845	17.1	118.7805	46.8	3912.0	971.18	2117.07	1.24	-367.85	133.28	0.0	0.0	0.0	-12.55	7009	8065	
2	39.3800	22.8	118.6322	37.9	3932.0	999.68	2125.51	1.25	-369.73	133.96	0.0	0.0	0.0	8.70	2	8065	
3	39.3817	22.9	118.6323	37.9	3931.4	999.56	2125.66	1.25	-369.68	133.94	0.0	0.0	0.0	8.38	3	8065	
4	39.3829	23.0	118.6325	38.0	3930.4	999.69	2125.76	1.25	-369.58	133.91	0.0	0.0	0.0	8.36	4	8065	
5	39.3842	23.1	118.6328	38.0	3930.1	999.71	2125.88	1.25	-369.55	133.90	0.0	0.0	0.0	8.24	5	8065	
6	39.3858	23.1	118.6333	38.0	3932.2	999.26	2126.03	1.25	-369.75	133.97	0.0	0.0	0.0	7.77	6	8065	
7	39.3873	23.2	118.6333	38.0	3944.7	998.31	2126.16	1.25	-370.93	134.39	0.0	0.0	0.0	7.44	7	8065	
8	39.3883	23.3	118.6333	38.0	3952.7	998.17	2126.25	1.25	-371.68	134.67	0.0	0.0	0.0	7.68	8	8065	
9	39.3895	23.4	118.6333	38.0	3961.2	998.31	2126.35	1.25	-372.48	134.95	0.0	0.0	0.0	8.22	9	8065	
10	39.3895	23.4	118.6317	37.9	3949.2	998.31	2126.35	1.25	-371.35	134.55	0.0	0.0	0.0	7.51	10	8065	
11	39.3892	23.4	118.6303	37.8	3946.3	998.09	2126.33	1.25	-371.08	134.45	0.0	0.0	0.0	7.14	11	8065	
12	39.3889	23.3	118.6283	37.7	3943.4	998.55	2126.29	1.25	-370.80	134.35	0.0	0.0	0.0	7.46	12	8065	
13	39.3882	23.3	118.6263	37.6	3939.3	999.00	2126.24	1.25	-370.42	134.21	0.0	0.0	0.0	7.72	13	8065	
15	39.3870	23.2	118.6225	37.3	3938.0	1000.77	2126.13	1.25	-370.30	134.16	0.0	0.0	0.0	9.52	15	8065	
16	39.3863	23.2	118.6203	37.2	3937.6	1002.69	2126.07	1.25	-370.26	134.15	0.0	0.0	0.0	11.48	16	8065	
17	39.3858	23.1	118.6183	37.1	3941.1	1001.59	2126.03	1.25	-370.59	134.27	0.0	0.0	0.0	10.63	17	8065	
18	39.3855	23.1	118.6167	37.0	3941.1	1000.39	2126.00	1.25	-370.59	134.27	0.0	0.0	0.0	9.46	18	8065	
19	39.3849	23.1	118.6152	36.9	3945.1	998.80	2125.94	1.25	-370.96	134.41	0.0	0.0	0.0	8.18	19	8065	
20	39.3842	23.1	118.6138	36.8	3953.4	997.42	2125.88	1.25	-371.74	134.69	0.0	0.0	0.0	7.34	20	8065	
21	39.3833	23.0	118.6115	36.7	3956.2	996.75	2125.80	1.25	-372.01	134.78	0.0	0.0	0.0	6.92	21	8065	
22	39.3760	22.6	118.6103	36.6	3938.4	997.12	2125.16	1.25	-370.33	134.18	0.0	0.0	0.0	6.86	22	8065	
23	39.3763	22.6	118.6125	36.8	3936.6	997.75	2125.19	1.25	-370.17	134.12	0.0	0.0	0.0	7.36	23	8065	
24	39.3765	22.6	118.6142	36.9	3936.0	998.06	2125.20	1.25	-370.11	134.10	0.0	0.0	0.0	7.62	24	8065	
25	39.3767	22.6	118.6163	37.0	3935.9	998.64	2125.22	1.25	-370.10	134.09	0.0	0.0	0.0	8.18	25	8065	
26	39.3768	22.6	118.6183	37.1	3935.1	999.76	2125.23	1.25	-370.02	134.07	0.0	0.0	0.0	9.24	26	8065	
27	39.3772	22.6	118.6200	37.2	3932.7	1000.73	2125.26	1.25	-369.80	133.98	0.0	0.0	0.0	10.03	27	8065	
28	39.3773	22.6	118.6217	37.3	3934.7	1001.47	2125.27	1.25	-369.99	134.05	0.0	0.0	0.0	10.88	28	8065	
29	39.3775	22.7	118.6237	37.4	3936.6	1001.92	2125.29	1.25	-370.17	134.12	0.0	0.0	0.0	11.43	29	8065	
30	39.3780	22.7	118.6258	37.5	3936.8	1001.81	2125.34	1.25	-370.18	134.12	0.0	0.0	0.0	11.28	30	8065	
31	39.3782	22.7	118.6275	37.7	3935.6	1001.83	2125.35	1.25	-370.07	134.08	0.0	0.0	0.0	11.22	31	8065	
32	39.3783	22.7	118.6297	37.8	3933.4	1000.64	2125.36	1.25	-369.86	134.01	0.0	0.0	0.0	9.89	32	8065	
14	39.3875	23.2	118.6242	37.5	3937.5	999.55	2126.18	1.25	-370.25	134.15	0.0	0.0	0.0	8.23	14	8065	
7006	39.3603	21.6	118.7808	46.8	3928.0	977.35	2123.81	1.25	-369.36	133.82	0.0	0.0	0.0	-12.18	7006	8065	
7007	39.3433	20.6	118.7808	46.8	3923.0	973.34	2122.27	1.25	-368.89	133.65	0.0	0.0	0.0	-14.94	7007	8065	
7008	39.2992	18.0	118.7908	46.8	3911.0	967.93	2118.37	1.24	-367.76	133.24	0.0	0.0	0.0	-17.17	7008	8065	
7009	39.2845	17.1	118.7805	46.8	3912.0	970.94	2117.07	1.24	-367.85	133.28	0.0	0.0	0.0	-12.80	7009	8065	
7010	39.2717	16.3	118.7728	46.4	3930.0	980.03	2115.93	1.25	-369.55	133.89	0.0	0.0	0.0	-1.49	7010	8065	
7011	39.3283	19.7	118.7808	46.8	3914.0	969.93	2120.94	1.24	-368.04	133.35	0.0	0.0	0.0	-17.55	7011	8065	

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STA #	LATITUDE		LONGITUDE		ELEV	OBSERVED GRAVITY	CORRECTIONS							BOUG GRAV + 900.0	STA #	MAP #
	DEG	MIN	DEG	MIN			*LATITUDE	CURV	FREE AIR	BOUG	TERRAIN	BOUG GRAV				
							*INNER	OUTER	TOTAL*							
7012	39.3509	21.0	118.7425	44.5	3914.0	974.55	2122.93	1.24	-368.04	133.35	0.0	0.0	0.0	-14.93	7012	8065
33	39.3763	22.6	118.6317	37.9	3935.9	1000.03	2125.23	1.25	-370.10	134.09	0.0	0.0	0.0	9.56	33	8065
34	39.3753	22.5	118.6308	37.8	3938.6	1000.57	2125.14	1.25	-370.35	134.18	0.0	0.0	0.0	10.35	34	8065
35	39.3743	22.5	118.6308	37.8	3943.1	1001.01	2125.01	1.25	-370.78	134.34	0.0	0.0	0.0	11.19	35	8065
36	39.3729	22.4	118.6308	37.8	3946.5	1000.58	2124.88	1.25	-371.10	134.45	0.0	0.0	0.0	11.10	36	8065
37	39.3715	22.3	118.6317	37.9	3947.4	999.53	2124.76	1.25	-371.18	134.48	0.0	0.0	0.0	10.22	37	8065
38	39.3700	22.2	118.6325	38.0	3946.1	998.54	2124.63	1.25	-371.06	134.44	0.0	0.0	0.0	9.28	38	8065
39	39.3697	22.1	118.6333	38.0	3947.0	997.97	2124.51	1.25	-371.14	134.47	0.0	0.0	0.0	8.88	39	8065
40	39.3678	22.1	118.6342	38.1	3946.5	997.13	2124.43	1.25	-371.10	134.45	0.0	0.0	0.0	8.08	40	8065
41	39.3667	22.0	118.6357	38.1	3950.0	996.06	2124.34	1.25	-371.43	134.57	0.0	0.0	0.0	7.33	41	8065
42	39.3655	21.9	118.6363	38.2	3951.0	995.46	2124.23	1.25	-371.52	134.61	0.0	0.0	0.0	6.89	42	8065
43	39.3642	21.9	118.6367	38.2	3949.0	995.09	2124.12	1.25	-371.33	134.54	0.0	0.0	0.0	6.52	43	8065
44	39.3625	21.8	118.6375	38.2	3948.2	994.78	2123.96	1.25	-371.26	134.51	0.0	0.0	0.0	6.31	44	8065
45	39.3613	21.7	118.6377	38.3	3946.4	994.68	2123.86	1.25	-371.09	134.45	0.0	0.0	0.0	6.21	45	8065
46	39.3600	21.6	118.6383	38.3	3949.4	994.32	2123.74	1.25	-371.37	134.55	0.0	0.0	0.0	6.14	46	8065
47	39.3592	21.6	118.6392	38.4	3953.2	994.03	2123.67	1.25	-371.73	134.68	0.0	0.0	0.0	6.15	47	8065
48	39.3577	21.5	118.6397	38.4	3956.5	993.72	2123.54	1.25	-372.04	134.79	0.0	0.0	0.0	6.17	48	8065
49	39.3562	21.4	118.6400	38.4	3956.1	993.68	2123.41	1.25	-372.00	134.78	0.0	0.0	0.0	6.24	49	8065
50	39.3550	21.3	118.6403	38.4	3954.7	993.46	2123.30	1.25	-371.87	134.73	0.0	0.0	0.0	6.04	50	8065
51	39.3533	21.2	118.6408	38.4	3959.0	992.62	2123.15	1.25	-372.27	134.88	0.0	0.0	0.0	5.61	51	8065
52	39.3522	21.1	118.6403	38.4	3960.2	991.84	2123.05	1.25	-372.38	134.92	0.0	0.0	0.0	5.00	52	8065
53	39.3507	21.0	118.6400	38.4	3961.3	991.29	2122.92	1.25	-372.49	134.96	0.0	0.0	0.0	4.64	53	8065
54	39.3492	21.0	118.6398	38.4	3964.6	990.54	2122.79	1.25	-372.80	135.07	0.0	0.0	0.0	4.22	54	8065
55	39.3477	20.9	118.6392	38.4	3966.4	989.85	2122.66	1.25	-372.97	135.13	0.0	0.0	0.0	3.77	55	8065
56	39.3467	20.8	118.6383	38.3	3966.1	989.25	2122.57	1.25	-372.94	135.12	0.0	0.0	0.0	3.25	56	8065
57	39.3452	20.7	118.6375	38.2	3966.2	989.00	2122.43	1.25	-372.95	135.13	0.0	0.0	0.0	3.13	57	8065
58	39.3442	20.7	118.6367	38.2	3968.5	988.42	2122.34	1.25	-373.16	135.20	0.0	0.0	0.0	2.78	58	8065
70	39.3427	20.6	118.6162	37.0	3954.1	990.56	2122.21	1.25	-371.81	134.71	0.0	0.0	0.0	4.19	70	8065
71	39.3427	20.6	118.6145	36.9	3959.5	989.92	2122.21	1.25	-372.32	134.90	0.0	0.0	0.0	3.88	71	8065
72	39.3427	20.6	118.6125	36.8	3967.1	989.74	2122.21	1.25	-373.03	135.16	0.0	0.0	0.0	4.15	72	8065
73	39.3427	20.6	118.6108	36.6	3975.9	989.50	2122.21	1.26	-373.86	135.46	0.0	0.0	0.0	4.43	73	8065
74	39.3427	20.6	118.6092	36.6	3979.2	989.25	2122.21	1.26	-374.17	135.57	0.0	0.0	0.0	4.39	74	8065
75	39.3427	20.6	118.6072	36.4	3981.6	988.99	2122.21	1.26	-374.40	135.65	0.0	0.0	0.0	4.27	75	8065
76	39.3427	20.6	118.6057	36.3	3979.3	988.92	2122.21	1.26	-374.18	135.57	0.0	0.0	0.0	4.06	76	8065
77	39.3427	20.6	118.6040	36.2	3976.9	988.57	2122.21	1.26	-373.95	135.49	0.0	0.0	0.0	3.57	77	8065
78	39.3440	20.6	118.6058	36.3	3969.5	989.57	2122.33	1.25	-373.26	135.24	0.0	0.0	0.0	4.01	78	8065
79	39.3447	20.7	118.6078	36.5	3964.1	990.09	2122.39	1.25	-372.75	135.05	0.0	0.0	0.0	4.14	79	8065
80	39.3455	20.7	118.6098	36.6	3958.0	990.14	2122.46	1.25	-372.18	134.85	0.0	0.0	0.0	3.76	80	8065
81	39.3462	20.8	118.6117	36.7	3952.2	989.87	2122.52	1.25	-371.63	134.65	0.0	0.0	0.0	3.08	81	8065
82	39.3473	20.9	118.6125	36.8	3946.5	990.08	2122.62	1.25	-371.10	134.45	0.0	0.0	0.0	2.89	82	8065
83	39.3483	20.9	118.6137	36.8	3940.9	990.07	2122.71	1.25	-370.57	134.26	0.0	0.0	0.0	2.42	83	8065
84	39.3497	21.0	118.6143	36.9	3937.6	990.04	2122.83	1.25	-370.26	134.15	0.0	0.0	0.0	2.07	84	8065
85	39.3508	21.0	118.6153	36.9	3936.7	990.22	2122.93	1.25	-370.17	134.12	0.0	0.0	0.0	2.10	85	8065
86	39.3518	21.1	118.6167	37.0	3936.3	990.51	2123.02	1.25	-370.14	134.11	0.0	0.0	0.0	2.28	86	8065
87	39.3527	21.2	118.6178	37.1	3936.0	990.82	2123.10	1.25	-370.11	134.10	0.0	0.0	0.0	2.49	87	8065
88	39.3537	21.2	118.6190	37.1	3935.9	991.20	2123.19	1.25	-370.10	134.09	0.0	0.0	0.0	2.77	88	8065
89	39.3548	21.3	118.6200	37.2	3935.9	991.78	2123.28	1.25	-370.10	134.09	0.0	0.0	0.0	3.25	89	8065
90	39.3558	21.3	118.6212	37.3	3935.8	992.15	2123.37	1.25	-370.09	134.09	0.0	0.0	0.0	3.53	90	8065
91	39.3569	21.4	118.6223	37.3	3935.8	993.17	2123.46	1.25	-370.09	134.09	0.0	0.0	0.0	4.46	91	8065
92	39.3583	21.5	118.6233	37.4	3935.7	994.19	2123.59	1.25	-370.08	134.09	0.0	0.0	0.0	5.34	92	8065
93	39.3592	21.6	118.6247	37.5	3935.7	994.90	2123.67	1.25	-370.08	134.09	0.0	0.0	0.0	5.97	93	8065
94	39.3602	21.6	118.6258	37.5	3935.7	995.45	2123.76	1.25	-370.08	134.09	0.0	0.0	0.0	6.43	94	8065

PROPRIETARY



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BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

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CARSON, NEVADA

\*\*\*\*\* CORRECTIONS \*\*\*\*\*

STA #	LATITUDE DEG MIN	LONGITUDE DEG MIN	ELEV	OBSERVED GRAVITY	*LATITUDE *	CURV	FREE AIR	BOUG	BOUG	***** TERRAIN *****	BOUG GRAV 900.0	STA #	MAP #			
										INNER OUTER TOTAL	+					
95	39.3615	21.7	118.6270	37.6	3935.7	996.08	2123.88	1.25	-370.08	134.09	0.0	0.0	0.0	6.96	95	8065
96	39.3627	21.8	118.6285	37.7	3935.8	996.95	2123.98	1.25	-370.09	134.09	0.0	0.0	0.0	7.72	96	8065
97	39.3637	21.8	118.6293	37.8	3935.8	995.95	2124.07	1.25	-370.09	134.09	0.0	0.0	0.0	6.64	97	8065
98	39.3648	21.9	118.6302	37.8	3936.7	995.83	2124.17	1.25	-370.17	134.12	0.0	0.0	0.0	6.47	98	8065
99	39.3658	21.9	118.6313	37.9	3947.5	995.60	2124.26	1.25	-371.19	134.49	0.0	0.0	0.0	6.79	99	8065
100	39.3673	22.0	118.6323	37.9	3954.5	995.90	2124.39	1.25	-371.85	134.73	0.0	0.0	0.0	7.38	100	8065
101	39.3685	22.1	118.6313	37.9	3953.4	996.47	2124.50	1.25	-371.74	134.69	0.0	0.0	0.0	7.78	101	8065
102	39.3700	22.2	118.6302	37.8	3962.0	997.29	2124.63	1.25	-372.55	134.98	0.0	0.0	0.0	8.98	102	8065
103	39.3717	22.3	118.6305	37.8	3948.8	1000.11	2124.78	1.25	-371.31	134.53	0.0	0.0	0.0	10.86	103	8065
104	39.3725	22.3	118.6305	37.8	3949.0	1000.74	2124.85	1.25	-371.33	134.54	0.0	0.0	0.0	11.44	104	8065
105	39.3790	22.7	118.6333	38.0	3932.2	999.93	2125.42	1.25	-369.75	133.97	0.0	0.0	0.0	9.04	105	8065
106	39.3792	22.8	118.6353	38.1	3931.6	1000.08	2125.44	1.25	-369.70	133.95	0.0	0.0	0.0	9.14	106	8065
107	39.3795	22.8	118.6373	38.2	3934.5	999.91	2125.47	1.25	-369.97	134.05	0.0	0.0	0.0	9.12	107	8065
108	39.3793	22.8	118.6395	38.4	3932.1	999.70	2125.50	1.25	-369.74	133.96	0.0	0.0	0.0	8.74	108	8065
109	39.3800	22.8	118.6417	38.5	3932.3	999.81	2125.51	1.25	-369.76	133.97	0.0	0.0	0.0	8.84	109	8065
110	39.3800	22.8	118.6435	38.6	3932.0	1000.15	2125.51	1.25	-369.73	133.96	0.0	0.0	0.0	9.16	110	8065
111	39.3800	22.8	118.6455	38.7	3925.7	1000.10	2125.51	1.25	-369.14	133.75	0.0	0.0	0.0	8.74	111	8065
113	39.3813	22.9	118.6483	38.9	3920.9	999.43	2125.63	1.25	-368.69	133.58	0.0	0.0	0.0	7.66	113	8065
114	39.3828	23.0	118.6492	39.0	3925.6	998.56	2125.76	1.25	-369.13	133.74	0.0	0.0	0.0	6.94	114	8065
115	39.3845	23.1	118.6500	39.0	3926.5	997.98	2125.91	1.25	-369.22	133.77	0.0	0.0	0.0	6.26	115	8065
116	39.3853	23.1	118.6508	39.0	3925.8	997.66	2126.03	1.25	-369.15	133.75	0.0	0.0	0.0	5.79	116	8065
117	39.3875	23.2	118.6517	39.1	3925.2	997.19	2126.18	1.25	-369.09	133.73	0.0	0.0	0.0	5.13	117	8065
118	39.3892	23.4	118.6523	39.1	3925.0	996.90	2126.33	1.25	-369.07	133.72	0.0	0.0	0.0	4.68	118	8065
119	39.3903	23.4	118.6530	39.2	3924.7	996.49	2126.42	1.25	-369.05	133.71	0.0	0.0	0.0	4.16	119	8065
120	39.3917	23.5	118.6537	39.2	3924.1	995.82	2126.55	1.25	-368.99	133.69	0.0	0.0	0.0	3.33	120	8065
121	39.3930	23.6	118.6545	39.3	3924.0	995.10	2126.66	1.25	-368.98	133.69	0.0	0.0	0.0	2.48	121	8065
122	39.3947	23.7	118.6553	39.3	3923.6	994.39	2126.81	1.25	-368.94	133.67	0.0	0.0	0.0	1.60	122	8065
123	39.3962	23.8	118.6562	39.4	3923.5	993.86	2126.95	1.25	-368.93	133.67	0.0	0.0	0.0	0.94	123	8065
124	39.3975	23.9	118.6568	39.4	3925.3	992.91	2127.06	1.25	-369.10	133.73	0.0	0.0	0.0	-0.02	124	8065
125	39.3988	23.9	118.6575	39.5	3926.3	992.31	2127.18	1.25	-369.20	133.77	0.0	0.0	0.0	-0.68	125	8065
126	39.4000	24.0	118.6580	39.5	3926.9	992.07	2127.28	1.25	-369.25	133.79	0.0	0.0	0.0	-0.99	126	8065
127	39.4010	24.1	118.6592	39.6	3924.7	991.80	2127.37	1.25	-369.05	133.71	0.0	0.0	0.0	-1.48	127	8065
129	39.4017	24.1	118.6587	39.5	3926.7	991.84	2127.43	1.25	-369.23	133.78	0.0	0.0	0.0	-1.38	129	8065
130	39.4017	24.1	118.6567	39.4	3928.2	992.34	2127.43	1.25	-369.38	133.83	0.0	0.0	0.0	-0.79	130	8065
131	39.4017	24.1	118.6545	39.3	3928.3	992.75	2127.43	1.25	-369.38	133.83	0.0	0.0	0.0	-0.38	131	8065
132	39.4012	24.1	118.6525	39.1	3928.7	993.47	2127.39	1.25	-369.42	133.85	0.0	0.0	0.0	0.41	132	8065
133	39.4005	24.0	118.6508	39.0	3928.7	994.49	2127.33	1.25	-369.42	133.85	0.0	0.0	0.0	1.49	133	8065
134	39.3993	24.0	118.6488	38.9	3929.9	995.77	2127.22	1.25	-369.53	133.89	0.0	0.0	0.0	2.95	134	8065
135	39.3987	23.9	118.6475	38.9	3932.3	996.63	2127.17	1.25	-369.76	133.97	0.0	0.0	0.0	4.00	135	8065
136	39.3975	23.9	118.6458	38.7	3936.6	997.11	2127.06	1.25	-370.16	134.12	0.0	0.0	0.0	4.85	136	8065
137	39.3965	23.8	118.6442	38.7	3936.5	998.29	2126.97	1.25	-370.16	134.11	0.0	0.0	0.0	6.12	137	8065
138	39.3952	23.7	118.6425	38.6	3938.2	999.39	2126.86	1.25	-370.32	134.17	0.0	0.0	0.0	7.43	138	8065
139	39.3942	23.7	118.6408	38.4	3942.0	998.99	2126.77	1.25	-370.67	134.30	0.0	0.0	0.0	7.34	139	8065
140	39.3932	23.6	118.6392	38.4	3946.6	999.33	2126.68	1.25	-371.10	134.46	0.0	0.0	0.0	8.05	140	8065
141	39.3923	23.5	118.6375	38.2	3947.7	1000.04	2126.60	1.25	-371.21	134.49	0.0	0.0	0.0	8.91	141	8065
142	39.3915	23.5	118.6360	38.2	3947.5	1000.72	2126.53	1.25	-371.19	134.49	0.0	0.0	0.0	9.64	142	8065
143	39.3903	23.4	118.6350	38.1	3957.1	999.40	2126.42	1.25	-372.09	134.82	0.0	0.0	0.0	9.00	143	8065
60	39.3427	20.6	118.6338	38.0	4019.4	984.78	2122.21	1.26	-377.95	136.94	0.0	0.0	0.0	2.31	60	8065
61	39.3427	20.6	118.6322	37.9	4038.4	984.10	2122.21	1.27	-379.74	137.59	0.0	0.0	0.0	2.77	61	8065
62	39.3427	20.6	118.6310	37.9	4015.9	986.43	2122.21	1.26	-377.62	136.82	0.0	0.0	0.0	3.75	62	8065
63	39.3427	20.6	118.6285	37.7	3993.1	987.71	2122.21	1.26	-375.48	136.04	0.0	0.0	0.0	3.68	63	8065
64	39.3427	20.6	118.6267	37.6	3994.2	988.26	2122.21	1.26	-375.58	136.08	0.0	0.0	0.0	4.29	64	8065

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PROPRIETARY



BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
 BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

CARSON, NEVADA

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STA #	LATITUDE		LONGITUDE		ELEV OBSERVED GRAVITY	***** CORRECTIONS *****							BOUG GRAV + 900.0	STA #	MAP #	
	DEG	MIN	DEG	MIN		*LATITUDE *	CURV	FREE AIR	BOUG	*TERRAIN *	*INNER OUTER TOTAL*					
65	39.3427	20.6	118.6250	37.5	3991.9	988.55	2122.21	1.26	-375.36	136.00	0.0	0.0	0.0	4.45 ✓	65 ✓	8065
66	39.3427	20.6	118.6232	37.4	3981.9	990.92	2122.21	1.26	-374.42	135.66	0.0	0.0	0.0	6.22	66	8065
67	39.3427	20.6	118.6215	37.3	3975.6	991.13	2122.21	1.26	-373.83	135.45	0.0	0.0	0.0	6.05	67	8065
68	39.3427	20.6	118.6197	37.2	3963.2	991.69	2122.21	1.25	-372.67	135.02	0.0	0.0	0.0	5.87	68	8065
69	39.3427	20.6	118.6178	37.1	3953.3	991.97	2122.21	1.25	-371.74	134.69	0.0	0.0	0.0	5.55	69	8065
9001	39.3787	22.7	118.6317	37.9	3932.4	1000.00	2125.40	1.25	-369.77	133.97	0.0	0.0	0.0	9.15 ✓	9001 ✓	8065
9001	39.3787	22.7	118.6317	37.9	3932.4	1000.00	2125.40	1.25	-369.77	133.97	0.0	0.0	0.0	9.15	9001	8065
9001	39.3787	22.7	118.6317	37.9	3932.4	1000.00	2125.40	1.25	-369.77	133.97	0.0	0.0	0.0	9.15	9001	8065
9001	39.3787	22.7	118.6317	37.9	3932.4	1000.00	2125.40	1.25	-369.77	133.97	0.0	0.0	0.0	9.15	9001	8065
9059	39.3427	20.6	118.6362	38.2	3970.1	988.11	2122.21	1.25	-373.31	135.26	0.0	0.0	0.0	2.70 ✓	9059 ✓	8065
9112	39.3800	22.8	118.6477	38.9	3920.4	999.63	2125.51	1.24	-368.64	133.56	0.0	0.0	0.0	7.95 ✓	9112 ✓	8065
9128	39.4020	24.1	118.6607	39.6	3924.4	991.47	2127.46	1.25	-369.02	133.70	0.0	0.0	0.0	-1.92 ✓	9128 ✓	8065
9173	39.2983	17.9	118.6400	38.4	3945.4	982.77	2118.29	1.25	-370.99	134.42	0.0	0.0	0.0	-0.19	9173	8065
9179	39.2975	17.9	118.6483	38.9	3917.9	981.01	2118.22	1.24	-368.41	133.48	0.0	0.0	0.0	-3.52	9179	8065
9192	39.3178	19.1	118.6455	38.7	3916.4	988.59	2120.01	1.24	-368.27	133.43	0.0	0.0	0.0	2.17	9192	8065
9203	39.3333	20.0	118.6475	38.9	3916.0	987.66	2121.43	1.24	-368.23	133.41	0.0	0.0	0.0	-0.20	9203	8065
9209	39.3430	20.6	118.6508	39.0	3916.0	989.32	2122.24	1.24	-368.23	133.41	0.0	0.0	0.0	0.65	9209	8065
9266	39.3800	22.8	118.6555	39.3	3918.1	996.48	2125.51	1.24	-368.43	133.49	0.0	0.0	0.0	4.66	9266	8065
9260	39.3800	22.8	118.6555	39.3	3918.1	996.46	2125.51	1.24	-368.43	133.49	0.0	0.0	0.0	4.64	9260	8065
9238	39.3635	21.8	118.6867	41.2	3914.0	985.39	2124.05	1.24	-368.04	133.35	0.0	0.0	0.0	-5.21	9288	8065
9300	39.3798	22.8	118.6867	41.2	3919.0	986.41	2125.50	1.24	-368.51	133.52	0.0	0.0	0.0	-5.34 ✓	9300 ✓	8065
9331	39.3875	23.2	118.7058	42.3	3922.7	983.34	2126.18	1.25	-368.86	133.64	0.0	0.0	0.0	-8.87	9331	8065
9365	39.4020	24.1	118.7058	42.3	3926.0	984.28	2127.46	1.25	-369.17	133.76	0.0	0.0	0.0	-9.01	9365	8065
9387	39.3335	20.0	118.6717	40.3	3910.0	983.31	2121.40	1.24	-367.67	133.21	0.0	0.0	0.0	-4.88	9387	8065
9321	39.3375	23.2	118.6867	41.2	3919.6	986.42	2126.18	1.24	-368.57	133.54	0.0	0.0	0.0	-5.97 ✓	9321 ✓	8065
9336	39.3800	22.8	118.7058	42.3	3919.0	983.03	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-8.73 ✓	9336 ✓	8065

PROPRIETARY



BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
 BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

CARSON, NEVADA

STA #	LATITUDE		LONGITUDE		ELEV +.	OBSERVED GRAVITY	***** CORRECTIONS *****											BOUG GRAV + 900.0	STA #	MAP #
	DEG	MIN	DEG	MIN			*LATITUDE	CURV	FREE AIR	BOUG	***** TERRAIN *****			*INNER	OUTER	TOTAL*				
144	39.3412	20.5	118.6353	38.1	3969.0	987.90	2122.08	1.25	-373.21	135.22	0.0	0.0	0.0	2.56	144	8065				
145	39.3400	20.4	118.6343	38.1	3968.1	988.18	2121.97	1.25	-373.13	135.19	0.0	0.0	0.0	2.88	145	8065				
146	39.3387	20.3	118.6333	38.0	3965.0	988.12	2121.86	1.25	-372.84	135.08	0.0	0.0	0.0	2.75	146	8065				
147	39.3370	20.2	118.6325	38.0	3962.7	988.69	2121.71	1.25	-372.62	135.01	0.0	0.0	0.0	3.34	147	8065				
148	39.3357	20.1	118.6317	37.9	3959.6	988.84	2121.59	1.25	-372.33	134.90	0.0	0.0	0.0	3.42	148	8065				
149	39.3345	20.1	118.6306	37.8	3958.8	988.53	2121.49	1.25	-372.25	134.87	0.0	0.0	0.0	3.17	149	8065				
150	39.3327	20.0	118.6300	37.8	3960.6	987.94	2121.33	1.25	-372.42	134.93	0.0	0.0	0.0	2.85	150	8065				
151	39.3309	19.8	118.6300	37.8	3961.1	987.68	2121.16	1.25	-372.47	134.95	0.0	0.0	0.0	2.78	151	8065				
152	39.3292	19.8	118.6307	37.8	3959.4	987.33	2121.02	1.25	-372.31	134.89	0.0	0.0	0.0	2.46	152	8065				
153	39.3275	19.6	118.6308	37.8	3958.9	986.97	2120.87	1.25	-372.26	134.88	0.0	0.0	0.0	2.24	153	8065				
154	39.3258	19.5	118.6303	37.8	3958.3	986.84	2120.72	1.25	-372.21	134.86	0.0	0.0	0.0	2.22	154	8065				
155	39.3242	19.5	118.6317	37.9	3958.7	986.58	2120.58	1.25	-372.24	134.87	0.0	0.0	0.0	2.12	155	8065				
156	39.3225	19.3	118.6320	37.9	3958.6	986.33	2120.43	1.25	-372.23	134.87	0.0	0.0	0.0	2.02	156	8065				
157	39.3208	19.2	118.6323	37.9	3958.6	986.03	2120.28	1.25	-372.23	134.87	0.0	0.0	0.0	1.87	157	8065				
158	39.3193	19.2	118.6325	38.0	3960.2	985.74	2120.14	1.25	-372.38	134.92	0.0	0.0	0.0	1.81	158	8065				
159	39.3183	19.1	118.6327	38.0	3960.9	985.66	2120.06	1.25	-372.45	134.94	0.0	0.0	0.0	1.86	159	8065				
160	39.3175	19.1	118.6330	38.0	3962.5	985.55	2119.99	1.25	-372.60	135.00	0.0	0.0	0.0	1.91	160	8065				
161	39.3155	18.9	118.6337	38.0	3962.6	985.83	2119.81	1.25	-372.61	135.00	0.0	0.0	0.0	2.38	161	8065				
162	39.3145	18.9	118.6342	38.1	3961.0	986.28	2119.72	1.25	-372.46	134.95	0.0	0.0	0.0	2.82	162	8065				
163	39.3128	18.8	118.6350	38.1	3960.3	986.21	2119.57	1.25	-372.39	134.92	0.0	0.0	0.0	2.86	163	8065				
164	39.3112	18.7	118.6358	38.1	3958.1	986.21	2119.43	1.25	-372.19	134.85	0.0	0.0	0.0	2.87	164	8065				
165	39.3097	18.6	118.6360	38.2	3960.9	985.79	2119.29	1.25	-372.45	134.94	0.0	0.0	0.0	2.75	165	8065				
166	39.3083	18.5	118.6367	38.2	3961.4	985.58	2119.17	1.25	-372.50	134.96	0.0	0.0	0.0	2.69	166	8065				
167	39.3072	18.4	118.6370	38.2	3957.6	985.67	2119.07	1.25	-372.14	134.83	0.0	0.0	0.0	2.65	167	8065				
168	39.3055	18.3	118.6375	38.2	3952.3	985.44	2118.92	1.25	-371.64	134.65	0.0	0.0	0.0	2.25	168	8065				
169	39.3040	18.2	118.6383	38.3	3951.2	985.44	2118.79	1.25	-371.54	134.61	0.0	0.0	0.0	2.32	169	8065				
170	39.3025	18.2	118.6392	38.4	3951.2	985.00	2118.66	1.25	-371.54	134.61	0.0	0.0	0.0	2.01	170	8065				
171	39.3008	18.0	118.6395	38.4	3950.8	984.35	2118.51	1.25	-371.50	134.60	0.0	0.0	0.0	1.49	171	8065				
172	39.2995	18.0	118.6400	38.4	3949.2	983.62	2118.39	1.25	-371.35	134.55	0.0	0.0	0.0	0.78	172	8065				
173	39.2978	17.9	118.6412	38.5	3938.6	982.85	2118.24	1.25	-370.35	134.18	0.0	0.0	0.0	-0.47	173	8065				
174	39.2978	17.9	118.6425	38.6	3931.4	982.19	2118.22	1.25	-369.68	133.94	0.0	0.0	0.0	-1.53	174	8065				
175	39.2975	17.9	118.6438	38.6	3927.5	981.80	2118.24	1.25	-369.31	133.81	0.0	0.0	0.0	-2.18	175	8065				
176	39.2978	17.9	118.6460	38.8	3916.9	981.82	2118.24	1.24	-368.31	133.45	0.0	0.0	0.0	-2.80	176	8065				
177	39.2978	17.9	118.6475	38.9	3918.7	981.17	2118.24	1.24	-368.48	133.51	0.0	0.0	0.0	-3.34	177	8065				
178	39.2992	18.0	118.6477	38.9	3917.8	981.80	2118.37	1.24	-368.40	133.48	0.0	0.0	0.0	-2.89	178	8065				
179	39.3005	18.0	118.6477	38.9	3917.7	982.68	2118.48	1.24	-368.39	133.47	0.0	0.0	0.0	-2.13	179	8065				
180	39.3023	18.1	118.6475	38.9	3917.6	983.62	2118.64	1.24	-368.38	133.47	0.0	0.0	0.0	-1.35	180	8065				
181	39.3040	18.2	118.6473	38.8	3917.5	984.58	2118.79	1.24	-368.37	133.47	0.0	0.0	0.0	-0.55	181	8065				
182	39.3057	18.3	118.6470	38.8	3917.4	985.44	2118.94	1.24	-368.36	133.46	0.0	0.0	0.0	0.16	182	8065				
183	39.3070	18.4	118.6467	38.8	3917.2	986.06	2119.06	1.24	-368.34	133.46	0.0	0.0	0.0	0.64	183	8065				
184	39.3087	18.5	118.6465	38.8	3917.1	986.42	2119.21	1.24	-368.33	133.45	0.0	0.0	0.0	0.85	184	8065				
185	39.3100	18.6	118.6462	38.8	3917.0	986.88	2119.32	1.24	-368.32	133.45	0.0	0.0	0.0	1.19	185	8065				
186	39.3117	18.7	118.6458	38.7	3916.9	987.45	2119.47	1.24	-368.31	133.45	0.0	0.0	0.0	1.60	186	8065				
187	39.3130	18.8	118.6458	38.7	3916.8	988.05	2119.59	1.24	-368.30	133.44	0.0	0.0	0.0	2.08	187	8065				
188	39.3142	18.9	118.6457	38.7	3916.6	988.53	2119.69	1.24	-368.29	133.44	0.0	0.0	0.0	2.45	188	8065				
189	39.3158	18.9	118.6455	38.7	3916.5	988.75	2119.83	1.24	-368.28	133.43	0.0	0.0	0.0	2.52	189	8065				
190	39.3193	19.2	118.6453	38.7	3916.4	988.56	2120.14	1.24	-368.27	133.43	0.0	0.0	0.0	2.01	190	8065				
191	39.3208	19.2	118.6453	38.7	3916.3	988.87	2120.28	1.24	-368.26	133.43	0.0	0.0	0.0	2.18	191	8065				
192	39.3223	19.3	118.6453	38.7	3916.3	988.88	2120.41	1.24	-368.26	133.43	0.0	0.0	0.0	2.06	192	8065				
193	39.3240	19.4	118.6453	38.7	3916.3	988.52	2120.56	1.24	-368.26	133.43	0.0	0.0	0.0	1.55	193	8065				
194	39.3255	19.5	118.6452	38.7	3916.2	988.14	2120.69	1.24	-368.25	133.42	0.0	0.0	0.0	1.03	194	8065				
195	39.3270	19.5	118.6452	38.7	3916.2	987.96	2120.82	1.24	-368.25	133.42	0.0	0.0	0.0	0.72	195	8065				

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PROPRIETARY



BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
 BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

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CARSON, NEVADA

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STA #	LATITUDE		LONGITUDE		ELEV	OBSERVED GRAVITY	CORRECTIONS							BOUG GRAV + 900.0	STA #	MAP #
	DEG	MIN	DEG	MIN			*LATITUDE	CURV	FREE AIR	BOUG	TERRAIN					
						*				*INNER	OUTER	TOTAL*				
199	39.3283	19.7	118.6453	38.7	3916.2	987.88	2120.94	1.24	-368.25	133.42	0.0	0.0	0.0	0.53	199	8065
200	39.3300	19.8	118.6458	38.7	3916.1	987.69	2121.09	1.24	-368.24	133.42	0.0	0.0	0.0	0.17	200	8065
201	39.3315	19.9	118.6467	38.8	3916.1	987.66	2121.22	1.24	-368.24	133.42	0.0	0.0	0.0	0.01	201	8065
202	39.3327	20.0	118.6470	38.8	3916.1	987.65	2121.33	1.24	-368.24	133.42	0.0	0.0	0.0	-0.10	202	8065
204	39.3353	20.1	118.6475	38.9	3917.5	987.66	2121.56	1.24	-368.37	133.47	0.0	0.0	0.0	-0.24	204	8065
205	39.3372	20.2	118.6485	38.9	3916.5	987.90	2121.73	1.24	-368.28	133.43	0.0	0.0	0.0	-0.22	205	8065
206	39.3368	20.3	118.6490	38.9	3916.4	988.17	2121.87	1.24	-368.27	133.43	0.0	0.0	0.0	-0.11	206	8065
207	39.3405	20.4	118.6492	39.0	3916.6	988.54	2122.02	1.24	-368.29	133.44	0.0	0.0	0.0	0.13	207	8065
208	39.3420	20.5	118.6500	39.0	3916.6	989.03	2122.15	1.24	-368.29	133.44	0.0	0.0	0.0	0.49	208	8065
210	39.3430	20.6	118.6483	38.9	3917.1	989.60	2122.24	1.24	-368.33	133.45	0.0	0.0	0.0	1.00	210	8065
211	39.3430	20.6	118.6465	38.8	3924.9	989.36	2122.24	1.25	-369.07	133.72	0.0	0.0	0.0	1.23	211	8065
212	39.3430	20.6	118.6445	38.7	3929.4	989.81	2122.24	1.25	-369.49	133.87	0.0	0.0	0.0	1.95	212	8065
213	39.3430	20.6	118.6425	38.6	3935.4	989.76	2122.24	1.25	-370.05	134.08	0.0	0.0	0.0	2.25	213	8065
214	39.3430	20.6	118.6410	38.5	3940.4	989.76	2122.24	1.25	-370.52	134.25	0.0	0.0	0.0	2.55	214	8065
215	39.3430	20.5	118.6392	38.4	3960.4	988.52	2122.24	1.25	-372.40	134.93	0.0	0.0	0.0	2.50	215	8065
216	39.3430	20.6	118.6375	39.2	3968.7	987.85	2122.24	1.25	-373.18	135.21	0.0	0.0	0.0	2.33	216	8065
217	39.3338	20.0	118.6448	38.7	3918.9	987.74	2121.43	1.24	-368.50	133.51	0.0	0.0	0.0	0.06	217	8065
218	39.3337	20.0	118.6428	38.6	3919.9	988.29	2121.42	1.24	-368.60	133.55	0.0	0.0	0.0	0.68	218	8065
219	39.3335	20.0	118.6412	38.5	3928.4	988.74	2121.40	1.25	-369.39	133.84	0.0	0.0	0.0	1.65	219	8065
220	39.3335	20.0	118.6392	38.4	3929.7	989.40	2121.40	1.25	-369.52	133.88	0.0	0.0	0.0	2.39	220	8065
221	39.3333	20.0	118.6373	38.2	3937.5	989.13	2121.38	1.25	-370.25	134.15	0.0	0.0	0.0	2.60	221	8065
222	39.3333	20.0	118.6357	38.1	3944.3	989.13	2121.38	1.25	-370.89	134.38	0.0	0.0	0.0	3.01	222	8065
223	39.3333	20.0	118.6337	38.0	3949.2	989.78	2121.38	1.25	-371.35	134.55	0.0	0.0	0.0	3.95	223	8065
224	39.3333	20.0	118.6318	37.9	3953.9	989.56	2121.38	1.25	-371.79	134.71	0.0	0.0	0.0	4.01	224	8065
225	39.3168	19.0	118.6440	38.6	3916.1	988.62	2119.92	1.24	-368.24	133.42	0.0	0.0	0.0	2.27	225	8065
225	39.3167	19.0	118.6423	38.5	3916.7	988.17	2119.91	1.24	-368.30	133.44	0.0	0.0	0.0	1.87	226	8065
227	39.3160	19.0	118.6403	38.4	3930.0	987.08	2119.85	1.25	-369.55	133.89	0.0	0.0	0.0	1.63	227	8065
228	39.3158	18.9	118.6392	38.4	3936.6	986.63	2119.83	1.25	-370.17	134.12	0.0	0.0	0.0	1.59	228	8065
229	39.3155	18.9	118.6370	38.2	3942.5	986.71	2119.81	1.25	-370.72	134.32	0.0	0.0	0.0	2.05	229	8065
230	39.3153	18.9	118.6353	38.1	3955.1	986.00	2119.79	1.25	-371.90	134.75	0.0	0.0	0.0	2.11	230	8065
231	39.3155	18.9	118.6322	37.9	3975.6	985.56	2119.81	1.26	-373.83	135.45	0.0	0.0	0.0	2.88	231	8065
232	39.3155	18.9	118.6307	37.8	4007.6	983.77	2119.81	1.26	-376.84	136.54	0.0	0.0	0.0	3.01	232	8065
233	39.3157	18.9	118.6290	37.7	4050.1	981.33	2119.83	1.27	-380.84	137.98	0.0	0.0	0.0	3.09	233	8065
234	39.3158	18.9	118.6275	37.7	4118.9	977.34	2119.83	1.28	-387.30	140.33	0.0	0.0	0.0	3.20	234	8065
235	39.3160	19.0	118.6260	37.6	4186.8	972.54	2119.85	1.29	-393.69	142.64	0.0	0.0	0.0	2.44	235	8065
236	39.3440	20.6	118.6517	39.1	3916.6	989.73	2122.33	1.24	-368.29	133.44	0.0	0.0	0.0	1.01	236	8065
237	39.3450	20.7	118.6518	39.1	3917.2	990.07	2122.42	1.24	-368.34	133.46	0.0	0.0	0.0	1.30	237	8065
238	39.3462	20.9	118.6523	39.1	3917.9	990.18	2122.52	1.24	-368.41	133.48	0.0	0.0	0.0	1.34	238	8065
239	39.3473	20.8	118.6535	39.2	3917.1	990.36	2122.62	1.24	-368.33	133.45	0.0	0.0	0.0	1.40	239	8065
240	39.3483	20.9	118.6533	39.2	3916.9	990.39	2122.71	1.24	-368.31	133.45	0.0	0.0	0.0	1.30	240	8065
241	39.3500	21.0	118.6532	39.2	3916.4	990.39	2122.86	1.24	-368.27	133.43	0.0	0.0	0.0	1.12	241	8065
242	39.3512	21.1	118.6537	39.2	3917.9	990.54	2122.96	1.24	-368.41	133.48	0.0	0.0	0.0	1.26	242	8065
243	39.3525	21.1	118.6543	39.3	3916.8	990.69	2123.08	1.24	-368.30	133.44	0.0	0.0	0.0	1.23	243	8065
244	39.3533	21.2	118.6553	39.3	3916.5	990.69	2123.15	1.24	-368.28	133.43	0.0	0.0	0.0	1.14	244	8065
245	39.3545	21.3	118.6560	39.4	3916.0	990.97	2123.26	1.24	-368.23	133.41	0.0	0.0	0.0	1.29	245	8065
246	39.3562	21.4	118.6568	39.4	3916.2	991.19	2123.41	1.24	-368.25	133.42	0.0	0.0	0.0	1.36	246	8065
247	39.3567	21.4	118.6583	39.5	3916.4	991.43	2123.45	1.24	-368.27	133.43	0.0	0.0	0.0	1.57	247	8065
248	39.3575	21.4	118.6592	39.6	3916.6	991.71	2123.52	1.24	-368.29	133.44	0.0	0.0	0.0	1.79	248	8065
249	39.3588	21.5	118.6590	39.5	3916.3	992.09	2123.64	1.24	-368.26	133.43	0.0	0.0	0.0	2.04	249	8065
250	39.3595	21.6	118.6582	39.5	3918.8	992.05	2123.70	1.24	-368.49	133.51	0.0	0.0	0.0	2.09	250	8065
251	39.3600	21.6	118.6565	39.4	3918.4	992.35	2123.74	1.24	-368.45	133.50	0.0	0.0	0.0	2.32	251	8065
252	39.3608	21.6	118.6550	39.3	3917.0	992.90	2123.81	1.24	-368.32	133.45	0.0	0.0	0.0	2.72	252	8065

PROPRIETARY

BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
 BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

CARSON, NEVADA

STA #	LATITUDE		LONGITUDE		ELEV OBSERVED GRAVITY	CORRECTIONS							BOUG GRAY + 900.0	STA #	
	DEG	MIN	DEG	MIN		*LATITUDE	CURV	FREE AIR	BOUG	TERRAIN	BOUG GRAY				
						*				*INNER	OUTER	TOTAL*			
253	39.3622	21.7	118.6533	39.2	3917.6	993.52	2123.94	1.24	-368.38	133.47	0.0	0.0	0.0	3.25	253
254	39.3633	21.8	118.6520	39.1	3917.3	994.31	2124.03	1.24	-368.35	133.46	0.0	0.0	0.0	3.92	254
255	39.3643	21.9	118.6508	39.0	3919.2	994.92	2124.12	1.24	-368.53	133.52	0.0	0.0	0.0	4.55	255
256	39.3657	21.9	118.6503	39.0	3919.1	995.19	2124.25	1.24	-368.52	133.52	0.0	0.0	0.0	4.70	256
257	39.3673	22.0	118.6500	39.0	3918.8	995.64	2124.39	1.24	-368.49	133.51	0.0	0.0	0.0	4.99	257
258	39.3687	22.1	118.6500	39.0	3919.1	995.87	2124.51	1.24	-368.52	133.52	0.0	0.0	0.0	5.11	258
259	39.3700	22.2	118.6500	39.0	3919.1	996.11	2124.63	1.24	-368.52	133.52	0.0	0.0	0.0	5.24	259
260	39.3715	22.3	118.6500	39.0	3919.3	996.48	2124.76	1.24	-368.54	133.53	0.0	0.0	0.0	5.48	260
261	39.3728	22.4	118.6503	39.0	3919.3	996.66	2124.88	1.24	-368.54	133.53	0.0	0.0	0.0	5.55	261
262	39.3743	22.5	118.6513	39.1	3919.4	996.47	2125.01	1.24	-368.55	133.53	0.0	0.0	0.0	5.23	262
263	39.3755	22.5	118.6533	39.2	3919.3	996.46	2125.12	1.24	-368.54	133.53	0.0	0.0	0.0	5.11	263
264	39.3768	22.6	118.6542	39.3	3919.0	996.45	2125.23	1.24	-368.51	133.52	0.0	0.0	0.0	4.97	264
265	39.3780	22.7	118.6552	39.3	3919.3	996.44	2125.34	1.24	-368.54	133.53	0.0	0.0	0.0	4.87	265
267	39.3800	22.8	118.6540	39.2	3918.3	996.88	2125.51	1.24	-368.45	133.49	0.0	0.0	0.0	5.08	267
268	39.3800	22.8	118.6523	39.1	3918.2	997.31	2125.51	1.24	-368.44	133.49	0.0	0.0	0.0	5.50	268
269	39.3800	22.8	118.6508	39.0	3918.4	997.88	2125.51	1.24	-368.45	133.50	0.0	0.0	0.0	6.08	269
270	39.3800	22.8	118.6493	39.0	3919.2	998.61	2125.51	1.24	-368.53	133.52	0.0	0.0	0.0	6.85	270
271	39.3567	21.4	118.6600	39.6	3915.0	991.20	2123.45	1.24	-368.13	133.38	0.0	0.0	0.0	1.26	271
272	39.3560	21.4	118.6608	39.6	3915.0	991.06	2123.39	1.24	-368.13	133.38	0.0	0.0	0.0	1.18	272
273	39.3557	21.3	118.6625	39.8	3914.9	990.75	2123.36	1.24	-368.13	133.38	0.0	0.0	0.0	0.89	273
274	39.3558	21.3	118.6642	39.9	3914.9	990.39	2123.37	1.24	-368.13	133.38	0.0	0.0	0.0	0.52	274
275	39.3567	21.4	118.6658	39.9	3914.8	990.21	2123.45	1.24	-368.12	133.37	0.0	0.0	0.0	0.25	275
276	39.3572	21.4	118.6667	40.0	3914.7	989.94	2123.50	1.24	-368.11	133.37	0.0	0.0	0.0	-0.06	276
277	39.3577	21.5	118.6678	40.1	3914.7	989.55	2123.54	1.24	-368.11	133.37	0.0	0.0	0.0	-0.50	277
278	39.3573	21.5	118.6693	40.2	3914.6	989.02	2123.55	1.24	-368.10	133.37	0.0	0.0	0.0	-1.04	278
279	39.3583	21.5	118.6710	40.3	3914.5	988.45	2123.59	1.24	-368.09	133.36	0.0	0.0	0.0	-1.67	279
280	39.3592	21.6	118.6730	40.4	3914.5	988.03	2123.67	1.24	-368.09	133.36	0.0	0.0	0.0	-2.16	280
281	39.3593	21.6	118.6747	40.5	3914.4	987.52	2123.68	1.24	-368.08	133.36	0.0	0.0	0.0	-2.69	281
282	39.3595	21.6	118.6767	40.6	3914.4	986.92	2123.70	1.24	-368.08	133.36	0.0	0.0	0.0	-3.30	282
283	39.3600	21.6	118.6785	40.7	3914.3	986.60	2123.74	1.24	-368.07	133.36	0.0	0.0	0.0	-3.67	283
284	39.3600	21.6	118.6803	40.8	3914.2	986.10	2123.74	1.24	-368.06	133.35	0.0	0.0	0.0	-4.18	284
285	39.3600	21.6	118.6823	40.9	3914.2	985.72	2123.74	1.24	-368.06	133.35	0.0	0.0	0.0	-4.56	285
286	39.3603	21.6	118.6842	41.1	3914.1	985.53	2123.77	1.24	-368.05	133.35	0.0	0.0	0.0	-4.79	286
287	39.3613	21.7	118.6858	41.1	3914.1	985.52	2123.86	1.24	-368.05	133.35	0.0	0.0	0.0	-4.88	287
289	39.3647	21.9	118.6867	41.2	3914.4	985.48	2124.16	1.24	-368.08	133.36	0.0	0.0	0.0	-5.20	289
290	39.3662	22.0	118.6867	41.2	3914.8	985.66	2124.29	1.24	-368.12	133.37	0.0	0.0	0.0	-5.13	290
291	39.3675	22.0	118.6867	41.2	3915.2	985.81	2124.41	1.24	-368.15	133.39	0.0	0.0	0.0	-5.08	291
292	39.3683	22.1	118.6867	41.2	3915.7	986.05	2124.52	1.24	-368.20	133.40	0.0	0.0	0.0	-4.92	292
293	39.3700	22.2	118.6867	41.2	3916.1	986.16	2124.63	1.24	-368.24	133.42	0.0	0.0	0.0	-4.89	293
294	39.3715	22.3	118.6867	41.2	3916.5	986.14	2124.76	1.24	-368.28	133.43	0.0	0.0	0.0	-5.02	294
295	39.3730	22.4	118.6867	41.2	3916.9	986.33	2124.89	1.24	-368.31	133.45	0.0	0.0	0.0	-4.94	295
296	39.3743	22.5	118.6867	41.2	3917.3	986.33	2125.01	1.24	-368.35	133.46	0.0	0.0	0.0	-5.03	296
297	39.3758	22.5	118.6867	41.2	3917.7	986.42	2125.14	1.24	-368.39	133.47	0.0	0.0	0.0	-5.05	297
298	39.3772	22.6	118.6867	41.2	3918.2	986.43	2125.26	1.24	-368.44	133.49	0.0	0.0	0.0	-5.13	298
299	39.3785	22.7	118.6867	41.2	3918.6	986.41	2125.38	1.24	-368.47	133.50	0.0	0.0	0.0	-5.24	299
301	39.3798	22.8	118.6845	41.1	3919.1	986.88	2125.50	1.24	-368.52	133.52	0.0	0.0	0.0	-4.86	301
302	39.3793	22.8	118.6827	41.0	3919.1	987.40	2125.50	1.24	-368.52	133.52	0.0	0.0	0.0	-4.34	302
303	39.3798	22.8	118.6808	40.8	3919.2	987.78	2125.50	1.24	-368.53	133.52	0.0	0.0	0.0	-3.95	303
304	39.3798	22.8	118.6788	40.7	3919.2	988.26	2125.50	1.24	-368.53	133.52	0.0	0.0	0.0	-3.48	304
305	39.3798	22.8	118.6767	40.6	3919.3	988.61	2125.50	1.24	-368.54	133.53	0.0	0.0	0.0	-3.12	305
306	39.3798	22.8	118.6750	40.5	3919.3	989.00	2125.50	1.24	-368.54	133.53	0.0	0.0	0.0	-2.73	306
307	39.3798	22.8	118.6733	40.4	3919.4	989.41	2125.50	1.24	-368.55	133.53	0.0	0.0	0.0	-2.31	307

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BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
 BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

CARSON, NEVADA

STA #	LATITUDE		LONGITUDE		ELEV OBSERVED GRAVITY	***** CORRECTIONS *****							STA #	MAP #		
	DEG	MIN	DEG	MIN		*LATITUDE	CURV	FREE AIR	BOUG	*TERRAIN	BOUG GRAY					
					*					*INNER	OUTER	TOTAL*	+ 900.0			
308	39.3799	22.8	118.6715	40.3	3919.4	989.92	2125.50	1.24	-368.55	133.53	0.0	0.0	0.0	-1.80	308	8065
309	39.3799	22.8	118.6693	40.2	3919.5	990.43	2125.50	1.24	-368.56	133.53	0.0	0.0	0.0	-1.29	309	8065
310	39.3799	22.8	118.6678	40.1	3919.5	991.04	2125.50	1.24	-368.56	133.53	0.0	0.0	0.0	-0.68	310	8065
311	39.3799	22.8	118.6667	40.0	3919.6	991.56	2125.50	1.24	-368.57	133.54	0.0	0.0	0.0	-0.15	311	8065
312	39.3798	22.8	118.6650	39.9	3919.6	992.24	2125.50	1.24	-368.57	133.54	0.0	0.0	0.0	0.52	312	8065
313	39.3798	22.8	118.6632	39.8	3919.7	993.01	2125.50	1.24	-368.58	133.54	0.0	0.0	0.0	1.30	313	8065
314	39.3798	22.8	118.6613	39.7	3919.7	994.17	2125.50	1.24	-368.58	133.54	0.0	0.0	0.0	2.47	314	8065
315	39.3798	22.8	118.6593	39.6	3919.8	994.95	2125.50	1.24	-368.59	133.54	0.0	0.0	0.0	3.25	315	8065
316	39.3798	22.8	118.6577	39.5	3919.8	996.00	2125.50	1.24	-368.59	133.54	0.0	0.0	0.0	4.30	316	8065
317	39.3818	22.9	118.6867	41.2	3918.4	986.46	2125.67	1.24	-368.45	133.50	0.0	0.0	0.0	-5.50	317	8065
318	39.3833	23.0	118.6867	41.2	3918.6	986.50	2125.80	1.24	-368.47	133.50	0.0	0.0	0.0	-5.58	318	8065
319	39.3849	23.1	118.6867	41.2	3920.0	986.41	2125.94	1.24	-368.60	133.55	0.0	0.0	0.0	-5.72	319	8065
320	39.3863	23.2	118.6867	41.2	3919.4	986.43	2126.07	1.24	-368.55	133.53	0.0	0.0	0.0	-5.87	320	8065
322	39.3875	23.2	118.6892	41.4	3919.5	986.05	2126.18	1.24	-368.56	133.53	0.0	0.0	0.0	-6.35	322	8065
323	39.3875	23.2	118.6912	41.5	3920.1	985.74	2126.18	1.24	-368.61	133.55	0.0	0.0	0.0	-6.62	323	8065
324	39.3875	23.2	118.6932	41.6	3920.9	985.37	2126.18	1.25	-368.69	133.58	0.0	0.0	0.0	-6.95	324	8065
325	39.3875	23.2	118.6948	41.7	3921.5	985.09	2126.18	1.25	-368.75	133.60	0.0	0.0	0.0	-7.19	325	8065
326	39.3875	23.2	118.6965	41.8	3921.3	984.72	2126.18	1.25	-368.73	133.60	0.0	0.0	0.0	-7.57	326	8065
327	39.3875	23.2	118.6982	41.9	3922.8	984.28	2126.18	1.25	-368.87	133.65	0.0	0.0	0.0	-7.92	327	8065
328	39.3875	23.2	118.7002	42.0	3923.7	983.97	2126.18	1.25	-368.95	133.68	0.0	0.0	0.0	-8.18	328	8065
329	39.3875	23.2	118.7020	42.1	3924.4	983.58	2126.18	1.25	-369.02	133.70	0.0	0.0	0.0	-8.52	329	8065
330	39.3875	23.2	118.7037	42.2	3923.8	983.37	2126.18	1.25	-368.96	133.68	0.0	0.0	0.0	-8.77	330	8065
332	39.3863	23.2	118.7058	42.3	3922.0	983.26	2126.07	1.25	-368.79	133.62	0.0	0.0	0.0	-8.88	332	8065
333	39.3843	23.1	118.7058	42.3	3921.2	983.26	2125.94	1.25	-368.72	133.59	0.0	0.0	0.0	-8.80	333	8065
334	39.3833	23.0	118.7058	42.3	3920.5	983.15	2125.80	1.24	-368.65	133.57	0.0	0.0	0.0	-8.81	334	8065
335	39.3818	22.9	118.7058	42.3	3919.7	983.10	2125.67	1.24	-368.58	133.54	0.0	0.0	0.0	-8.78	335	8065
337	39.3800	22.9	118.7037	42.2	3919.0	983.51	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-8.26	337	8065
338	39.3799	22.8	118.7020	42.1	3919.0	983.77	2125.50	1.24	-368.51	133.52	0.0	0.0	0.0	-7.98	338	8065
339	39.3800	22.8	118.7002	42.0	3919.0	984.03	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-7.73	339	8065
340	39.3800	22.8	118.6982	41.9	3919.0	984.34	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-7.43	340	8065
341	39.3800	22.8	118.6965	41.8	3919.0	984.69	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-7.08	341	8065
342	39.3800	22.8	118.6948	41.7	3919.0	985.07	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-6.69	342	8065
343	39.3800	22.8	118.6932	41.6	3919.0	985.40	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-6.36	343	8065
344	39.3800	22.8	118.6912	41.5	3919.0	985.72	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-6.04	344	8065
345	39.3800	22.8	118.6892	41.4	3919.0	986.17	2125.51	1.24	-368.51	133.52	0.0	0.0	0.0	-5.59	345	8065
346	39.3875	23.2	118.7245	43.5	3924.5	980.83	2126.18	1.25	-369.03	133.70	0.0	0.0	0.0	-11.27	346	8065
347	39.3875	23.2	118.7225	43.4	3922.2	981.17	2126.18	1.25	-368.81	133.63	0.0	0.0	0.0	-11.07	347	8065
348	39.3875	23.2	118.7205	43.2	3922.9	981.38	2126.18	1.25	-368.88	133.65	0.0	0.0	0.0	-10.82	348	8065
349	39.3875	23.2	118.7187	43.1	3922.9	981.56	2126.18	1.25	-368.88	133.65	0.0	0.0	0.0	-10.64	349	8065
350	39.3875	23.2	118.7170	43.0	3924.0	981.71	2126.18	1.25	-368.98	133.69	0.0	0.0	0.0	-10.42	350	8065
351	39.3875	23.2	118.7152	42.9	3923.3	982.04	2126.18	1.25	-368.91	133.66	0.0	0.0	0.0	-10.13	351	8065
352	39.3875	23.2	118.7133	42.8	3923.6	982.35	2126.18	1.25	-368.94	133.67	0.0	0.0	0.0	-9.80	352	8065
353	39.3875	23.2	118.7117	42.7	3923.1	982.62	2126.18	1.25	-368.90	133.66	0.0	0.0	0.0	-9.56	353	8065
354	39.3875	23.2	118.7098	42.6	3924.1	982.78	2126.18	1.25	-368.99	133.69	0.0	0.0	0.0	-9.34	354	8065
355	39.3875	23.2	118.7078	42.5	3923.7	983.06	2126.18	1.25	-368.95	133.68	0.0	0.0	0.0	-9.09	355	8065
356	39.3892	23.4	118.7058	42.3	3923.0	983.58	2126.33	1.25	-368.89	133.65	0.0	0.0	0.0	-8.75	356	8065
357	39.3905	23.4	118.7058	42.3	3923.4	983.71	2126.44	1.25	-368.92	133.67	0.0	0.0	0.0	-8.72	357	8065
358	39.3918	23.5	118.7058	42.3	3923.7	983.77	2126.56	1.25	-368.95	133.68	0.0	0.0	0.0	-8.76	358	8065
359	39.3932	23.6	118.7058	42.3	3924.0	983.85	2126.68	1.25	-368.98	133.69	0.0	0.0	0.0	-8.78	359	8065
360	39.3945	23.7	118.7058	42.3	3924.4	984.06	2126.80	1.25	-369.02	133.70	0.0	0.0	0.0	-8.66	360	8065
361	39.3960	23.8	118.7058	42.3	3924.7	984.17	2126.93	1.25	-369.05	133.71	0.0	0.0	0.0	-8.67	361	8065
362	39.3973	23.8	118.7058	42.3	3925.0	984.23	2127.04	1.25	-369.07	133.72	0.0	0.0	0.0	-8.71	362	8065

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BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

CARSON, NEVADA

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STA #	LATITUDE		LONGITUDE		ELEV	OBSERVED GRAVITY	CORRECTIONS							BOUG GRAV + 900.0	STA #	MAP #
	DEG	MIN	DEG	MIN			*LATITUDE	CURV	FREE AIR	BOUG	TERRAIN					
										*INNER	OUTER	TOTAL*				
363	39.3987	23.9	118.7058	42.3	3925.3	984.22	2127.17	1.25	-369.10	133.73	0.0	0.0	0.0	-8.82	363	8065
364	39.4002	24.0	118.7058	42.3	3925.7	984.30	2127.30	1.25	-369.14	133.75	0.0	0.0	0.0	-8.85	364	8065
366	39.4020	24.1	118.7078	42.5	3926.1	984.07	2127.46	1.25	-369.18	133.76	0.0	0.0	0.0	-9.22	366	8065
367	39.4020	24.1	118.7098	42.6	3926.2	983.88	2127.46	1.25	-369.19	133.76	0.0	0.0	0.0	-9.40	367	8065
369	39.4020	24.1	118.7117	42.7	3926.3	983.74	2127.46	1.25	-369.20	133.77	0.0	0.0	0.0	-9.53	368	8065
369	39.4020	24.1	118.7133	42.8	3926.4	983.56	2127.46	1.25	-369.21	133.77	0.0	0.0	0.0	-9.71	369	8065
370	39.4020	24.1	118.7152	42.9	3926.5	983.35	2127.46	1.25	-369.22	133.77	0.0	0.0	0.0	-9.91	370	8065
371	39.4020	24.1	118.7170	43.0	3926.6	983.18	2127.46	1.25	-369.22	133.78	0.0	0.0	0.0	-10.07	371	8065
372	39.4020	24.1	118.7187	43.1	3926.7	983.05	2127.46	1.25	-369.23	133.78	0.0	0.0	0.0	-10.20	372	8065
373	39.4020	24.1	118.7205	43.2	3926.8	982.88	2127.46	1.25	-369.24	133.78	0.0	0.0	0.0	-10.37	373	8065
374	39.4020	24.1	118.7225	43.4	3926.9	982.73	2127.46	1.25	-369.25	133.79	0.0	0.0	0.0	-10.51	374	8065
375	39.4020	24.1	118.7245	43.5	3927.0	982.59	2127.46	1.25	-369.26	133.79	0.0	0.0	0.0	-10.64	375	8065
376	39.3327	20.0	118.6492	39.0	3912.8	987.77	2121.33	1.24	-367.93	133.31	0.0	0.0	0.0	-0.18	376	8065
377	39.3335	20.0	118.6509	39.0	3910.9	987.66	2121.40	1.24	-367.75	133.24	0.0	0.0	0.0	-0.48	377	8065
378	39.3335	20.0	118.6527	39.2	3909.9	987.37	2121.40	1.24	-367.66	133.21	0.0	0.0	0.0	-0.82	378	8065
379	39.3335	20.0	118.6550	39.3	3909.6	986.90	2121.40	1.24	-367.63	133.20	0.0	0.0	0.0	-1.32	379	8065
380	39.3335	20.0	118.6573	39.4	3909.5	986.55	2121.40	1.24	-367.62	133.19	0.0	0.0	0.0	-1.66	380	8065
381	39.3335	20.0	118.6592	39.6	3909.6	986.07	2121.40	1.24	-367.63	133.20	0.0	0.0	0.0	-2.14	381	8065
382	39.3335	20.0	118.6615	39.7	3909.9	985.54	2121.40	1.24	-367.66	133.21	0.0	0.0	0.0	-2.65	382	8065
383	39.3335	20.0	118.6635	39.8	3910.0	985.11	2121.40	1.24	-367.67	133.21	0.0	0.0	0.0	-3.07	383	8065
384	39.3335	20.0	118.6657	39.9	3910.0	984.58	2121.40	1.24	-367.67	133.21	0.0	0.0	0.0	-3.61	384	8065
385	39.3335	20.0	118.6675	40.0	3910.0	984.08	2121.40	1.24	-367.67	133.21	0.0	0.0	0.0	-4.11	385	8065
386	39.3335	20.0	118.6695	40.2	3910.0	983.68	2121.40	1.24	-367.67	133.21	0.0	0.0	0.0	-4.51	386	8065
388	39.3335	20.0	118.6735	40.4	3910.0	982.88	2121.40	1.24	-367.67	133.21	0.0	0.0	0.0	-5.31	388	8065
389	39.3335	20.0	118.6753	40.5	3910.0	982.48	2121.40	1.24	-367.67	133.21	0.0	0.0	0.0	-5.70	389	8065
390	39.3337	20.0	118.6775	40.7	3910.0	982.10	2121.42	1.24	-367.67	133.21	0.0	0.0	0.0	-6.10	390	8065
391	39.3338	20.0	118.6795	40.8	3910.0	981.58	2121.43	1.24	-367.67	133.21	0.0	0.0	0.0	-6.63	391	8065
392	39.3333	20.0	118.6815	40.9	3910.0	981.04	2121.43	1.24	-367.67	133.21	0.0	0.0	0.0	-7.18	392	8065
393	39.3340	20.0	118.6835	41.0	3910.0	980.71	2121.44	1.24	-367.67	133.21	0.0	0.0	0.0	-7.52	393	8065
394	39.3340	20.0	118.6858	41.1	3910.0	980.18	2121.44	1.24	-367.67	133.21	0.0	0.0	0.0	-8.05	394	8065
395	39.3340	20.0	118.6880	41.3	3910.0	979.77	2121.44	1.24	-367.67	133.21	0.0	0.0	0.0	-8.46	395	8065
396	39.3342	20.1	118.6898	41.4	3910.0	979.19	2121.46	1.24	-367.67	133.21	0.0	0.0	0.0	-8.94	396	8065
397	39.3342	20.1	118.6918	41.5	3910.0	978.58	2121.46	1.24	-367.67	133.21	0.0	0.0	0.0	-9.06	397	8065
398	39.3342	20.1	118.6937	41.6	3910.0	978.31	2121.46	1.24	-367.67	133.21	0.0	0.0	0.0	-9.67	398	8065
399	39.3342	20.1	118.6957	41.7	3910.0	977.86	2121.46	1.24	-367.67	133.21	0.0	0.0	0.0	-9.94	399	8065
400	39.3342	20.1	118.6975	41.8	3910.0	977.46	2121.46	1.24	-367.67	133.21	0.0	0.0	0.0	-10.39	400	8065
401	39.3343	20.1	118.6995	42.0	3910.0	977.29	2121.47	1.24	-367.67	133.21	0.0	0.0	0.0	-10.79	401	8065
402	39.3345	20.1	118.7017	42.1	3910.0	976.85	2121.49	1.24	-367.67	133.21	0.0	0.0	0.0	-10.97	402	8065
403	39.3345	20.1	118.7035	42.2	3910.0	976.49	2121.49	1.24	-367.67	133.21	0.0	0.0	0.0	-11.43	403	8065
404	39.3347	20.1	118.7057	42.3	3910.0	976.10	2121.51	1.24	-367.67	133.21	0.0	0.0	0.0	-11.78	404	8065
405	39.3347	20.1	118.7077	42.5	3910.0	975.72	2121.51	1.24	-367.67	133.21	0.0	0.0	0.0	-12.19	405	8065
406	39.3347	20.1	118.6708	40.2	3908.3	983.72	2121.51	1.24	-367.51	133.15	0.0	0.0	0.0	-12.58	406	8065
407	39.3360	20.2	118.6707	40.2	3908.5	984.05	2121.62	1.24	-367.52	133.16	0.0	0.0	0.0	-4.67	407	8065
408	39.3375	20.2	118.6705	40.2	3908.6	984.31	2121.75	1.24	-367.53	133.16	0.0	0.0	0.0	-4.45	408	8065
409	39.3392	20.4	118.6708	40.2	3908.7	984.60	2121.90	1.24	-367.54	133.17	0.0	0.0	0.0	-4.31	409	8065
410	39.3405	20.4	118.6710	40.3	3908.9	984.95	2122.02	1.24	-367.56	133.17	0.0	0.0	0.0	-4.17	410	8065
411	39.3417	20.5	118.6717	40.3	3909.0	985.29	2122.12	1.24	-367.57	133.18	0.0	0.0	0.0	-3.92	411	8065
412	39.3430	20.6	118.6718	40.3	3909.1	985.61	2122.24	1.24	-367.58	133.18	0.0	0.0	0.0	-3.68	412	8065
413	39.3445	20.7	118.6725	40.4	3909.3	985.90	2122.37	1.24	-367.60	133.19	0.0	0.0	0.0	-3.47	413	8065
414	39.3460	20.8	118.6723	40.3	3909.5	986.26	2122.50	1.24	-367.62	133.19	0.0	0.0	0.0	-3.30	414	8065
415	39.3472	20.8	118.6728	40.4	3909.6	986.61	2122.61	1.24	-367.63	133.20	0.0	0.0	0.0	-3.07	415	8065
416	39.3483	20.9	118.6733	40.4	3909.7	986.69	2122.71	1.24	-367.64	133.20	0.0	0.0	0.0	-2.81	416	8065

PROPRIETARY



BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
 BOUGUER DENSITY = 2.67 GM/CC, TERRAIN DENSITY MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

CARSON, NEVADA

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\*\*\*\*\* CORRECTIONS \*\*\*\*\*

STA #	LATITUDE		LONGITUDE		ELEV	OBSERVED GRAVITY	***** CORRECTIONS *****			***** TERRAIN *****			BOUG GRAV + 900.0	STA #	MAP #	
	DEG	MIN	DEG	MIN			*LATITUDE	CURV	FREE AIR	BOUG	*INNER	OUTER				TOTAL*
417	39.3498	21.0	118.6742	40.5	3909.9	986.61	2122.84	1.24	-367.66	133.21	0.0	0.0	0.0	-3.03	417	8065
418	39.3508	21.0	118.6750	40.5	3910.1	986.43	2122.93	1.24	-367.67	133.21	0.0	0.0	0.0	-3.28	418	8065
419	39.3517	21.1	118.6762	40.6	3910.2	986.35	2123.01	1.24	-367.68	133.22	0.0	0.0	0.0	-3.43	419	8065
420	39.3528	21.2	118.6777	40.7	3910.3	986.14	2123.11	1.24	-367.69	133.22	0.0	0.0	0.0	-3.74	420	8065
421	39.3540	21.2	118.6785	40.7	3910.5	986.14	2123.21	1.24	-367.71	133.23	0.0	0.0	0.0	-3.83	421	8065
422	39.3553	21.3	118.6785	40.7	3910.6	986.33	2123.33	1.24	-367.72	133.23	0.0	0.0	0.0	-3.75	422	8065
423	39.3567	21.4	118.6792	40.8	3910.7	986.38	2123.45	1.24	-367.73	133.23	0.0	0.0	0.0	-3.82	423	8065
424	39.3583	21.5	118.6788	40.7	3911.1	986.52	2123.59	1.24	-367.77	133.25	0.0	0.0	0.0	-3.80	424	8065
425	39.4020	24.1	118.7035	42.2	3925.9	984.56	2127.46	1.25	-369.16	133.75	0.0	0.0	0.0	-8.74	425	8065
426	39.4020	24.1	118.7017	42.1	3925.7	984.79	2127.46	1.25	-369.14	133.75	0.0	0.0	0.0	-8.52	426	8065
427	39.4020	24.1	118.6995	42.0	3925.6	984.99	2127.46	1.25	-369.13	133.74	0.0	0.0	0.0	-8.33	427	8065
428	39.4020	24.1	118.6975	41.8	3925.5	985.25	2127.46	1.25	-369.12	133.74	0.0	0.0	0.0	-8.07	428	8065
429	39.4020	24.1	118.6955	41.7	3925.4	985.49	2127.46	1.25	-369.11	133.74	0.0	0.0	0.0	-7.84	429	8065
430	39.4020	24.1	118.6935	41.6	3925.2	985.71	2127.46	1.25	-369.09	133.73	0.0	0.0	0.0	-7.63	430	8065
431	39.4020	24.1	118.6917	41.5	3925.1	985.86	2127.46	1.25	-369.08	133.72	0.0	0.0	0.0	-7.48	431	8065
432	39.4020	24.1	118.6895	41.4	3925.0	986.09	2127.46	1.25	-369.07	133.72	0.0	0.0	0.0	-7.26	432	8065
433	39.4020	24.1	118.6895	41.4	3925.0	986.09	2127.46	1.25	-369.07	133.72	0.0	0.0	0.0	-7.26	433	8065
439	39.4020	24.1	118.6793	40.8	3920.4	987.58	2127.46	1.24	-368.64	133.56	0.0	0.0	0.0	-6.05	439	8065
440	39.4020	24.1	118.6775	40.7	3922.0	987.88	2127.46	1.25	-368.79	133.62	0.0	0.0	0.0	-5.65	440	8065
441	39.4020	24.1	118.6758	40.5	3922.2	988.09	2127.46	1.25	-368.81	133.63	0.0	0.0	0.0	-5.43	441	8065
442	39.4020	24.1	118.6740	40.4	3922.4	988.52	2127.46	1.25	-368.83	133.63	0.0	0.0	0.0	-4.99	442	8065
443	39.4020	24.1	118.6723	40.3	3922.6	988.84	2127.46	1.25	-368.85	133.64	0.0	0.0	0.0	-4.65	443	8065
444	39.4020	24.1	118.6707	40.2	3922.9	989.24	2127.46	1.25	-368.88	133.65	0.0	0.0	0.0	-4.23	444	8065
445	39.4020	24.1	118.6690	40.1	3923.1	989.65	2127.46	1.25	-368.90	133.66	0.0	0.0	0.0	-3.81	445	8065
446	39.4020	24.1	118.6670	40.0	3923.3	990.04	2127.46	1.25	-368.91	133.66	0.0	0.0	0.0	-3.41	446	8065
447	39.4020	24.1	118.6655	39.9	3923.5	990.43	2127.46	1.25	-368.93	133.67	0.0	0.0	0.0	-3.02	447	8065
448	39.4020	24.1	118.6633	39.8	3923.7	990.79	2127.46	1.25	-368.95	133.68	0.0	0.0	0.0	-2.63	448	8065
449	39.4020	24.1	118.6618	39.7	3924.0	991.09	2127.46	1.25	-368.98	133.69	0.0	0.0	0.0	-2.32	449	8065
450	39.4020	24.1	118.6603	39.6	3924.2	991.34	2127.46	1.25	-369.00	133.69	0.0	0.0	0.0	-2.06	450	8065
451	39.3893	23.4	118.6867	41.2	3917.3	986.59	2126.33	1.24	-368.35	133.46	0.0	0.0	0.0	-6.09	451	8065
452	39.3908	23.4	118.6867	41.2	3915.8	986.69	2126.47	1.24	-368.21	133.41	0.0	0.0	0.0	-6.22	452	8065
453	39.3925	23.6	118.6867	41.2	3918.6	986.52	2126.62	1.24	-368.47	133.50	0.0	0.0	0.0	-6.37	453	8065
454	39.3940	23.6	118.6867	41.2	3917.6	986.65	2126.75	1.24	-368.38	133.47	0.0	0.0	0.0	-6.44	454	8065
455	39.3957	23.7	118.6867	41.2	3920.8	986.44	2126.90	1.25	-368.68	133.58	0.0	0.0	0.0	-6.61	455	8065
456	39.3973	23.8	118.6867	41.2	3919.2	986.62	2127.04	1.24	-368.53	133.52	0.0	0.0	0.0	-6.66	456	8065
457	39.3990	23.9	118.6867	41.2	3918.5	986.69	2127.19	1.24	-368.46	133.50	0.0	0.0	0.0	-6.78	457	8065
458	39.4000	24.0	118.6867	41.2	3921.1	986.67	2127.28	1.25	-368.71	133.59	0.0	0.0	0.0	-6.74	458	8065
433	39.4013	24.1	118.6883	41.3	3922.0	986.37	2127.40	1.25	-368.79	133.62	0.0	0.0	0.0	-7.10	433	8065
434	39.4005	24.0	118.6875	41.3	3921.3	986.46	2127.33	1.25	-368.73	133.60	0.0	0.0	0.0	-6.98	434	8065
435	39.4000	24.0	118.6862	41.2	3920.7	986.62	2127.28	1.24	-368.67	133.58	0.0	0.0	0.0	-6.81	435	8065
436	39.4009	24.0	118.6847	41.1	3920.4	986.91	2127.35	1.24	-368.64	133.56	0.0	0.0	0.0	-6.61	436	8065
437	39.4017	24.1	118.6930	41.0	3922.0	986.92	2127.43	1.25	-368.79	133.62	0.0	0.0	0.0	-6.58	437	8065
438	39.4020	24.1	118.6812	40.9	3920.3	987.47	2127.46	1.24	-368.63	133.56	0.0	0.0	0.0	-6.16	438	8065
459	39.3625	21.8	118.6862	41.2	3913.4	985.16	2123.96	1.24	-367.98	133.33	0.0	0.0	0.0	-5.39	459	8065
460	39.3623	21.7	118.6870	41.2	3914.0	984.79	2123.95	1.24	-368.04	133.35	0.0	0.0	0.0	-5.71	460	8065
461	39.3623	21.8	118.6987	41.3	3913.8	984.53	2123.99	1.24	-368.02	133.34	0.0	0.0	0.0	-6.02	461	8065
462	39.3633	21.8	118.6903	41.4	3913.7	984.18	2124.03	1.24	-368.01	133.34	0.0	0.0	0.0	-6.42	462	8065
463	39.3642	21.9	118.6925	41.6	3913.5	983.83	2124.12	1.24	-367.99	133.33	0.0	0.0	0.0	-6.86	463	8065
464	39.3645	21.9	118.6942	41.7	3913.4	983.49	2124.14	1.24	-367.98	133.33	0.0	0.0	0.0	-7.23	464	8065
465	39.3650	21.9	118.6958	41.7	3913.2	983.23	2124.19	1.24	-367.97	133.32	0.0	0.0	0.0	-7.56	465	8065
466	39.3655	21.9	118.6975	41.8	3913.1	982.89	2124.23	1.24	-367.96	133.32	0.0	0.0	0.0	-7.94	466	8065
467	39.3660	22.0	118.6992	42.0	3912.9	982.60	2124.27	1.24	-367.94	133.31	0.0	0.0	0.0	-8.29	467	8065
468	39.3667	22.0	118.7012	42.1	3912.8	982.39	2124.34	1.24	-367.93	133.31	0.0	0.0	0.0	-8.56	468	8065

PROPRIETARY



BASIC GRAVITY CORRECTIONS FOR LATITUDE, CURVATURE, FREE AIR, BOUGUER, AND TERRAIN  
BOUGUER DENSITY = 2.67 GM/CC, TERRAIN MULTIPLIER = 1.00, NO TERRAIN CORRECTIONS APPLIED

CARSON, NEVADA

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STA #	LATITUDE		LONGITUDE		ELEV	OBSERVED GRAVITY	CORRECTIONS							BOUG GRAV 900.0	STA #	
	DEG	MIN	DEG	MIN			*LATITUDE	CURV	FREE AIR	BOUG	TERRAIN	BOUG	GRAV			
							*						*	+		
469	39.3667	22.0	118.7033	42.2	3912.6	982.19	2124.34	1.24	-367.91	133.30	0.0	0.0	0.0	-8.78	469	8065
470	39.3665	22.0	118.7050	42.3	3912.5	981.95	2124.32	1.24	-367.90	133.30	0.0	0.0	0.0	-9.01	470	8065
471	39.3658	21.9	118.7062	42.4	3912.3	981.60	2124.26	1.24	-367.88	133.29	0.0	0.0	0.0	-9.30	471	8065
472	39.3645	21.9	118.7077	42.5	3912.2	981.22	2124.14	1.24	-367.87	133.29	0.0	0.0	0.0	-9.58	472	8065
473	39.3632	21.8	118.7092	42.6	3912.0	980.88	2124.03	1.24	-367.85	133.28	0.0	0.0	0.0	-9.82	473	8065
474	39.3617	21.7	118.7100	42.6	3911.9	980.50	2123.89	1.24	-367.84	133.28	0.0	0.0	0.0	-10.06	474	8065
475	39.3603	21.6	118.7117	42.7	3911.7	980.17	2123.77	1.24	-367.82	133.27	0.0	0.0	0.0	-10.29	475	8065
476	39.3592	21.6	118.7127	42.8	3911.6	979.80	2123.67	1.24	-367.82	133.27	0.0	0.0	0.0	-10.56	476	8065
477	39.3575	21.4	118.7142	42.9	3911.4	979.49	2123.52	1.24	-367.80	133.26	0.0	0.0	0.0	-10.74	477	8065
473	39.3560	21.4	118.7153	42.9	3911.3	979.24	2123.39	1.24	-367.79	133.25	0.0	0.0	0.0	-10.86	478	8065
479	39.3550	21.3	118.7165	43.0	3911.1	978.92	2123.30	1.24	-367.77	133.25	0.0	0.0	0.0	-11.10	479	8065
480	39.3537	21.2	118.7177	43.1	3911.0	978.68	2123.19	1.24	-367.76	133.24	0.0	0.0	0.0	-11.23	480	8065
481	39.3533	21.2	118.7192	43.2	3910.2	978.49	2123.15	1.24	-367.68	133.22	0.0	0.0	0.0	-11.44	481	8065
482	39.3533	21.2	118.7203	43.2	3910.1	978.23	2123.19	1.24	-367.67	133.21	0.0	0.0	0.0	-11.75	482	8065
483	39.3538	21.2	118.7225	43.4	3910.1	977.97	2123.19	1.24	-367.67	133.21	0.0	0.0	0.0	-12.01	483	8065
484	39.3538	21.2	118.7243	43.5	3910.1	977.54	2123.19	1.24	-367.67	133.21	0.0	0.0	0.0	-12.44	484	8065
485	39.3160	19.0	118.6468	38.8	3912.1	988.80	2119.85	1.24	-367.86	133.28	0.0	0.0	0.0	2.29	485	8065
486	39.3160	19.0	118.6485	38.9	3909.1	988.30	2119.85	1.24	-367.58	133.18	0.0	0.0	0.0	1.61	486	8065
487	39.3160	19.0	118.6502	39.0	3908.4	987.52	2119.85	1.24	-367.51	133.16	0.0	0.0	0.0	0.78	487	8065
488	39.3160	19.0	118.6518	39.1	3907.3	987.22	2119.85	1.24	-367.41	133.12	0.0	0.0	0.0	0.42	488	8065
489	39.3160	19.0	118.6535	39.2	3907.3	986.87	2119.85	1.24	-367.41	133.12	0.0	0.0	0.0	0.07	489	8065
490	39.3160	19.0	118.6552	39.3	3907.3	986.45	2119.85	1.24	-367.41	133.12	0.0	0.0	0.0	-0.35	490	8065
491	39.3160	19.0	118.6570	39.4	3907.3	985.68	2119.85	1.24	-367.41	133.12	0.0	0.0	0.0	-1.12	491	8065
492	39.3160	19.0	118.6585	39.5	3906.9	984.76	2119.85	1.24	-367.37	133.10	0.0	0.0	0.0	-2.07	492	8065
493	39.3163	19.0	118.6602	39.6	3909.7	983.93	2119.88	1.24	-367.64	133.20	0.0	0.0	0.0	-2.76	493	8065
494	39.3163	19.0	118.6618	39.7	3909.1	983.20	2119.88	1.24	-367.58	133.18	0.0	0.0	0.0	-3.52	494	8065
495	39.3163	19.0	118.6635	39.8	3909.1	982.38	2119.88	1.24	-367.58	133.18	0.0	0.0	0.0	-4.34	495	8065
496	39.3163	19.0	118.6652	39.9	3909.1	981.65	2119.88	1.24	-367.58	133.18	0.0	0.0	0.0	-5.07	496	8065
497	39.3163	19.0	118.6668	40.0	3909.1	980.59	2119.88	1.24	-367.58	133.18	0.0	0.0	0.0	-6.13	497	8065
498	39.3163	19.0	118.6685	40.1	3909.1	979.95	2119.88	1.24	-367.58	133.18	0.0	0.0	0.0	-6.77	498	8065
499	39.3163	19.0	118.6702	40.2	3909.1	979.22	2119.88	1.24	-367.58	133.18	0.0	0.0	0.0	-7.51	499	8065
500	39.3160	19.0	118.6718	40.3	3909.1	978.45	2119.85	1.24	-367.58	133.18	0.0	0.0	0.0	-8.25	500	8065
501	39.3160	19.0	118.6735	40.4	3909.1	977.70	2119.85	1.24	-367.58	133.18	0.0	0.0	0.0	-8.99	501	8065
502	39.2962	17.8	118.6483	38.9	3917.8	980.41	2118.10	1.24	-368.40	133.48	0.0	0.0	0.0	-4.02	502	8065
503	39.2953	17.7	118.6488	38.9	3917.7	979.64	2118.02	1.24	-368.39	133.47	0.0	0.0	0.0	-4.71	503	8065
504	39.2942	17.7	118.6497	39.0	3917.6	978.98	2117.92	1.24	-368.38	133.47	0.0	0.0	0.0	-5.28	504	8065
505	39.2933	17.6	118.6508	39.0	3917.5	978.45	2117.84	1.24	-368.37	133.47	0.0	0.0	0.0	-5.74	505	8065
506	39.2928	17.6	118.6523	39.1	3917.4	977.93	2117.80	1.24	-368.36	133.46	0.0	0.0	0.0	-6.22	506	8065
507	39.2925	17.5	118.6538	39.2	3917.3	977.60	2117.77	1.24	-368.35	133.46	0.0	0.0	0.0	-6.52	507	8065
508	39.2917	17.5	118.6553	39.3	3917.2	977.47	2117.70	1.24	-368.34	133.46	0.0	0.0	0.0	-6.60	508	8065
509	39.2910	17.5	118.6567	39.4	3917.1	977.06	2117.64	1.24	-368.33	133.45	0.0	0.0	0.0	-6.94	509	8065
510	39.2903	17.4	118.6582	39.5	3917.0	976.82	2117.58	1.24	-368.32	133.45	0.0	0.0	0.0	-7.13	510	8065
511	39.2898	17.4	118.6598	39.6	3916.9	976.47	2117.53	1.24	-368.31	133.45	0.0	0.0	0.0	-7.45	511	8065
512	39.2892	17.4	118.6612	39.7	3916.8	976.25	2117.48	1.24	-368.30	133.44	0.0	0.0	0.0	-7.61	512	8065
513	39.2885	17.3	118.6627	39.8	3916.7	975.96	2117.42	1.24	-368.30	133.44	0.0	0.0	0.0	-7.84	513	8065
514	39.2880	17.3	118.6642	39.9	3916.6	975.86	2117.38	1.24	-368.29	133.44	0.0	0.0	0.0	-7.91	514	8065
515	39.2875	17.3	118.6657	39.9	3916.5	975.90	2117.33	1.24	-368.28	133.43	0.0	0.0	0.0	-7.84	515	8065
516	39.2867	17.2	118.6667	40.0	3916.4	975.97	2117.26	1.24	-368.27	133.43	0.0	0.0	0.0	-7.70	516	8065
517	39.2863	17.2	118.6680	40.1	3916.3	976.21	2117.23	1.24	-368.26	133.43	0.0	0.0	0.0	-7.43	517	8065
518	39.2853	17.1	118.6695	40.2	3916.2	976.43	2117.18	1.24	-368.25	133.42	0.0	0.0	0.0	-7.17	518	8065
519	39.2853	17.1	118.6712	40.3	3916.1	976.85	2117.14	1.24	-368.24	133.42	0.0	0.0	0.0	-6.71	519	8065
520	39.2845	17.1	118.6728	40.4	3916.0	977.14	2117.07	1.24	-368.23	133.41	0.0	0.0	0.0	-6.36	520	8065

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AGS 175  
Carson 7/18/80 N-125

Bouguer Corrections  
Final

CARSON, NEVADA

CENTRAL MERIDIAN = 118  
SCALE = 4000.0 FEET/INCH

*39.28* *58* *39.40* *.72*

546 POINTS SELECTED WITHIN PRESCRIBED BOUND: 39.2717 118.6040 39.4020 118.7808

Type as straight ASLEE file  
Bill ~~to~~ Raymond  
784-4975

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**PROPRIETARY**

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