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Project Information	Coordinate System
Name: C:\Users\DellXPS\Documents\Trimble Business Center\JohnsonCoFinalNA2011.vce	Name: US State Plane 1983
Size: 2 MB	Datum: NAD 1983 (Conus)
Modified: 2/11/2013 10:12:45 PM (UTC:-6)	Zone: Iowa South 1402
Time zone: Central Standard Time	Geoid: GEOID12A (Conus)
Reference number:	Vertical datum: NAVD88
Description: USFeet Template	

Network Adjustment Report

Adjustment Settings

Set-Up Errors

GNSS

Error in Height of Antenna: 0.010 sft

Centering Error: 0.010 sft

Covariance Display

Horizontal:

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 sft

Scale on Linear Error [S]: 1.960

Three-Dimensional

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 sft

Scale on Linear Error [S]: 1.960

Adjustment Statistics

Number of Iterations for Successful Adjustment: 3
Network Reference Factor: 1.00
Chi Square Test (95%): Passed
Precision Confidence Level: 95%
Degrees of Freedom: 412

Post Processed Imported Vector Statistics

Reference Factor: 1.00
Redundancy Number: 412.00
A Priori Scalar: 1.75

Control Point Constraints

Point ID	Type	North σ (US survey foot)	East σ (US survey foot)	Height σ (US survey foot)	Elevation σ (US survey foot)
1	Grid	Fixed	Fixed		Fixed
10	Grid	Fixed	Fixed		Fixed
103	Grid				Fixed
104	Grid				Fixed
106	Grid				Fixed
12	Grid				Fixed
13	Grid				Fixed
14	Grid	Fixed	Fixed		Fixed
16	Grid				Fixed
17	Grid				Fixed
18	Grid				Fixed
19	Grid	Fixed	Fixed		Fixed
2	Grid				Fixed
20	Grid	Fixed	Fixed		Fixed
201	Grid				Fixed
202	Grid				Fixed
203	Grid				Fixed
204	Grid				Fixed

205	Grid				Fixed
206	Grid				Fixed
207	Grid				Fixed
208	Grid				Fixed
209	Grid				Fixed
21	Grid				Fixed
210	Grid				Fixed
211	Grid				Fixed
212	Grid				Fixed
213	Grid				Fixed
214	Grid				Fixed
215	Grid				Fixed
216	Grid				Fixed
217	Grid				Fixed
218	Grid				Fixed
219	Grid				Fixed
22	Grid				Fixed
220	Grid				Fixed
221	Grid				Fixed
222	Grid				Fixed
223	Grid				Fixed
224	Grid				Fixed
225	Grid				Fixed
226	Grid				Fixed
227	Grid				Fixed
228	Grid				Fixed
229	Grid				Fixed
23	Grid				Fixed
230	Grid				Fixed
231	Grid				Fixed
232	Grid				Fixed
235	Grid				Fixed
236	Grid				Fixed
24	Grid	Fixed	Fixed		Fixed
25	Grid	Fixed	Fixed		Fixed

27	Grid				Fixed
28	Grid				Fixed
29	Grid	Fixed	Fixed		Fixed
3	Grid				Fixed
30	Grid	Fixed	Fixed		Fixed
31	Grid				Fixed
33	Grid				Fixed
34	Grid	Fixed	Fixed		Fixed
35	Grid	Fixed	Fixed		Fixed
36	Grid				Fixed
37	Grid				Fixed
38	Grid				Fixed
39	Grid	Fixed	Fixed		Fixed
4	Grid				Fixed
40	Grid	Fixed	Fixed		Fixed
41	Grid				Fixed
42	Grid				Fixed
43	Grid				Fixed
44	Grid	Fixed	Fixed		Fixed
45	Grid	Fixed	Fixed		Fixed
46	Grid				Fixed
47	Grid				Fixed
48	Grid				Fixed
5	Grid				Fixed
50	Grid	Fixed	Fixed		Fixed
51	Grid				Fixed
52	Grid				Fixed
53	Grid				Fixed
54	Grid	Fixed	Fixed		Fixed
55	Grid	Fixed	Fixed		Fixed
56	Grid				Fixed
57	Grid				Fixed
58	Grid				Fixed
6	Grid				Fixed
60	Grid				Fixed

61	Grid				Fixed
62	Grid				Fixed
63	Grid				Fixed
64	Grid	Fixed	Fixed		Fixed
65	Grid	Fixed	Fixed		Fixed
66	Grid				Fixed
67	Grid				Fixed
68	Grid				Fixed
69	Grid				Fixed
7	Grid				Fixed
70	Grid				Fixed
71	Grid				Fixed
72	Grid				Fixed
73	Grid				Fixed
74	Grid				Fixed
75	Grid				Fixed
76	Grid				Fixed
77	Grid				Fixed
78	Grid				Fixed
79	Grid	Fixed	Fixed		Fixed
8	Grid				Fixed
80	Grid	Fixed	Fixed		Fixed
81	Grid	Fixed	Fixed		Fixed
82	Grid				Fixed
83	Grid				Fixed
84	Grid				Fixed
85	Grid				Fixed
86	Grid				Fixed
88	Grid				Fixed
9	Grid	Fixed	Fixed		Fixed
92	Grid				Fixed
94	Grid	Fixed	Fixed		Fixed
95	Grid	Fixed	Fixed		Fixed

Fixed = 0.000003(US survey foot)

Adjusted Grid Coordinates

Point ID	Northing (US survey foot)	Northing Error (US survey foot)	Easting (US survey foot)	Easting Error (US survey foot)	Elevation (US survey foot)	Elevation Error (US survey foot)	Constraint
1	682652.221	?	2094886.446	?	780.830	?	NEe
10	672981.633	?	2221751.423	?	732.930	?	NEe
103	628078.781	0.050	2157015.156	0.049	814.600	?	e
104	622764.347	0.045	2167547.288	0.044	786.730	?	e
106	621282.771	0.042	2162429.496	0.041	761.950	?	e
12	673375.274	0.051	2161064.517	0.050	811.740	?	e
13	672774.520	0.057	2124340.804	0.054	746.860	?	e
14	672099.598	?	2095513.002	?	861.380	?	NEe
16	664071.244	0.039	2121807.259	0.038	739.190	?	e
17	661347.545	0.036	2160093.480	0.035	732.060	?	e
18	662971.808	0.033	2190862.112	0.032	804.020	?	e
19	664122.164	?	2222507.895	?	710.870	?	NEe
2	683020.761	0.039	2110729.214	0.037	806.320	?	e
20	651628.696	?	2222471.906	?	825.170	?	NEe
201	683160.305	0.047	2114411.991	0.045	860.310	?	e
202	671729.907	0.038	2108288.406	0.037	749.630	?	e
203	672872.382	0.045	2137545.112	0.044	826.870	?	e
204	669077.484	0.035	2173110.909	0.033	779.050	?	e
205	668380.176	0.031	2204824.187	0.030	828.940	?	e
206	636858.702	0.035	2209968.767	0.034	793.350	?	e
207	639765.536	0.039	2178138.598	0.038	820.850	?	e
208	641260.375	0.047	2143395.679	0.046	769.530	?	e
209	645979.217	0.026	2110963.468	0.025	740.620	?	e
21	652071.412	0.031	2190677.809	0.031	823.710	?	e
210	626893.050	0.030	2110218.594	0.029	769.160	?	e
211	604062.886	0.038	2113249.254	0.038	821.270	?	e
212	606238.102	0.046	2144075.534	0.045	780.250	?	e

213	605036.331	0.035	2207450.337	0.033	776.450	?	e
214	583825.973	0.029	2206875.780	0.028	734.800	?	e
215	572348.582	0.040	2175886.515	0.040	652.750	?	e
216	571726.830	0.041	2144480.570	0.040	732.340	?	e
217	571389.391	0.033	2114264.672	0.031	795.940	?	e
218	561728.791	0.035	2208416.367	0.035	693.220	?	e
219	542461.536	0.029	2208833.626	0.028	712.180	?	e
22	652336.877	0.035	2159122.158	0.034	823.850	?	e
220	585439.258	0.039	2142296.268	0.038	758.490	?	e
221	592022.879	0.031	2114464.232	0.030	772.290	?	e
222	654263.581	0.032	2207517.039	0.032	849.920	?	e
223	645727.170	0.038	2151136.575	0.037	764.150	?	e
224	633240.778	0.043	2148492.841	0.042	785.160	?	e
225	644109.609	0.033	2164818.313	0.033	840.850	?	e
226	633423.257	0.044	2160450.509	0.043	759.710	?	e
227	621741.727	0.037	2152018.065	0.036	678.730	?	e
228	627029.518	0.038	2162533.836	0.037	805.350	?	e
229	628918.094	0.041	2168921.118	0.040	807.000	?	e
23	648983.970	0.036	2127367.399	0.035	720.960	?	e
230	621102.948	0.040	2173812.015	0.039	714.470	?	e
231	600758.564	0.039	2178847.495	0.038	652.830	?	e
232	609214.358	0.042	2152009.115	0.042	774.640	?	e
233	606706.341	0.047	2152457.312	0.046	780.498	0.034	
234	611203.711	0.042	2178997.383	0.041	659.253	0.032	
235	593953.245	0.050	2185002.615	0.048	678.920	?	e
236	621441.435	0.040	2188836.581	0.039	729.610	?	e
24	650423.696	?	2095564.050	?	757.570	?	NEe
25	640082.040	?	2095465.569	?	872.670	?	NEe
27	641254.921	0.041	2159462.079	0.041	763.300	?	e
28	642186.744	0.035	2190838.771	0.033	844.210	?	e
29	642419.094	?	2222246.163	?	830.870	?	NEe
3	683435.690	0.052	2126761.945	0.050	795.260	?	e
30	631804.215	?	2222939.820	?	816.570	?	NEe
31	631592.014	0.040	2191615.187	0.038	797.150	?	e
33	629762.080	0.046	2127223.833	0.045	726.320	?	e

34	629390.222	?	2095377.630	?	787.260	?	NEe
35	618950.745	?	2095446.453	?	824.650	?	NEe
36	619797.626	0.036	2127533.908	0.035	732.660	?	e
37	619343.982	0.050	2159993.304	0.049	684.360	?	e
38	620152.770	0.031	2191375.469	0.029	746.980	?	e
39	621214.789	?	2223323.577	?	758.340	?	NEe
4	684754.065	0.050	2142703.685	0.048	846.150	?	e
40	610693.976	?	2223282.473	?	778.410	?	NEe
41	610201.941	0.036	2192045.840	0.034	744.770	?	e
42	609410.077	0.039	2159533.778	0.038	769.750	?	e
43	608934.358	0.038	2127726.501	0.038	785.840	?	e
44	608624.194	?	2095818.702	?	843.050	?	NEe
45	598070.742	?	2095925.791	?	786.380	?	NEe
46	598708.169	0.048	2127748.090	0.047	711.420	?	e
47	598923.217	0.042	2159942.619	0.041	776.680	?	e
48	611851.605	0.041	2170882.433	0.040	704.070	?	e
5	683588.296	0.050	2157951.848	0.049	793.040	?	e
50	589420.709	?	2223931.640	?	736.960	?	NEe
51	588907.157	0.039	2192037.597	0.038	669.020	?	e
52	588375.082	0.044	2159991.024	0.042	647.510	?	e
53	588049.800	0.040	2131329.728	0.039	690.980	?	e
54	587328.402	?	2096259.976	?	715.040	?	NEe
55	576182.804	?	2098113.870	?	742.280	?	NEe
56	576859.803	0.053	2129293.970	0.049	793.980	?	e
57	577389.801	0.042	2160747.144	0.042	740.590	?	e
58	578138.219	0.045	2192479.262	0.044	660.620	?	e
6	683757.866	0.054	2174706.106	0.052	825.330	?	e
60	568053.949	0.036	2224216.297	0.036	660.710	?	e
61	609594.232	0.045	2177408.757	0.044	689.520	?	e
62	566698.359	0.054	2160846.678	0.053	722.710	?	e
63	566174.907	0.040	2129614.986	0.039	757.980	?	e
64	565634.107	?	2098041.238	?	734.090	?	NEe
65	555021.018	?	2097931.459	?	727.290	?	NEe
66	555457.176	0.037	2113835.145	0.036	687.680	?	e
67	555583.273	0.044	2129631.409	0.042	763.030	?	e

68	556097.733	0.047	2145194.926	0.046	731.890	?	e
69	556189.712	0.048	2158347.680	0.047	751.080	?	e
7	683973.176	0.046	2186981.784	0.043	865.740	?	e
70	557119.371	0.040	2176965.529	0.039	747.060	?	e
71	556832.512	0.038	2192710.646	0.037	657.800	?	e
72	557447.984	0.046	2224316.505	0.046	732.590	?	e
73	546868.792	0.037	2224697.073	0.036	663.400	?	e
74	546539.960	0.036	2194005.584	0.036	643.070	?	e
75	546436.157	0.043	2176943.359	0.042	624.350	?	e
76	535545.068	0.041	2177224.544	0.040	725.570	?	e
77	535743.472	0.031	2192979.092	0.030	620.590	?	e
78	536456.600	0.040	2224736.006	0.039	709.540	?	e
79	525741.167	?	2224938.823	?	615.480	?	NEe
8	684368.552	0.039	2203649.379	0.036	721.710	?	e
80	525375.157	?	2208918.614	?	647.890	?	NEe
81	527886.400	?	2197153.092	?	617.150	?	NEe
82	524867.814	0.042	2177749.333	0.041	752.400	?	e
83	620438.166	0.038	2175846.041	0.037	755.760	?	e
84	604341.629	0.049	2176258.949	0.049	648.160	?	e
85	567693.166	0.051	2192577.466	0.049	664.760	?	e
86	599519.335	0.041	2191865.055	0.040	666.440	?	e
88	571113.604	0.043	2208058.266	0.042	741.060	?	e
9	684865.708	?	2221638.334	?	736.350	?	NEe
92	609053.970	0.034	2103914.224	0.034	833.650	?	e
94	651433.820	?	2165589.280	?	781.630	?	NEe
95	662809.584	?	2090746.750	?	735.890	?	NEe

Adjusted Geodetic Coordinates

Point ID	Latitude	Longitude	Height (US survey foot)	Height Error (US survey foot)	Constraint
1	N41°51'42.02395"	W91°49'53.67630"	675.332	?	NEe

10	N41°49'39.12462"	W91°22'00.74725"	625.977	?	NEe
103	N41°42'30.42948"	W91°36'28.50662"	707.731	?	e
104	N41°41'35.65190"	W91°34'11.23738"	679.793	?	e
106	N41°41'22.13454"	W91°35'19.10862"	655.025	?	e
12	N41°49'56.94674"	W91°35'22.01552"	705.103	?	e
13	N41°49'58.70025"	W91°43'27.17384"	640.662	?	e
14	N41°49'57.67449"	W91°49'48.07494"	755.684	?	NEe
16	N41°48'33.24667"	W91°44'02.96750"	632.923	?	e
17	N41°47'58.36189"	W91°35'38.32041"	625.341	?	e
18	N41°48'07.54671"	W91°28'51.70338"	697.148	?	e
19	N41°48'11.44348"	W91°21'53.63058"	603.899	?	NEe
2	N41°51'42.60989"	W91°46'24.25390"	700.517	?	e
20	N41°46'08.06305"	W91°21'58.15189"	718.178	?	NEe
201	N41°51'43.26321"	W91°45'35.55761"	754.439	?	e
202	N41°49'51.56606"	W91°46'59.44859"	643.691	?	e
203	N41°49'56.96759"	W91°40'32.76315"	720.477	?	e
204	N41°49'11.85507"	W91°32'44.20587"	672.291	?	e
205	N41°48'57.71996"	W91°25'45.71176"	722.024	?	e
206	N41°43'45.18389"	W91°24'47.77729"	686.339	?	e
207	N41°44'21.22706"	W91°31'46.59155"	713.949	?	e
208	N41°44'43.51546"	W91°39'24.34624"	662.820	?	e
209	N41°45'36.69597"	W91°46'30.86459"	634.320	?	e
21	N41°46'19.93005"	W91°28'57.47371"	716.811	?	e
210	N41°42'28.31796"	W91°46'45.67242"	662.699	?	e
211	N41°38'42.21485"	W91°46'11.71013"	714.589	?	e
212	N41°38'57.44603"	W91°39'25.16809"	673.338	?	e
213	N41°38'31.47662"	W91°25'30.99146"	669.313	?	e
214	N41°35'02.11673"	W91°25'45.20666"	627.551	?	e
215	N41°33'15.83836"	W91°32'36.29130"	545.533	?	e
216	N41°33'16.47132"	W91°39'29.45905"	625.288	?	e
217	N41°33'19.26951"	W91°46'06.90405"	689.013	?	e
218	N41°31'23.49598"	W91°25'31.87390"	585.818	?	e
219	N41°28'13.08844"	W91°25'32.42989"	604.641	?	e
22	N41°46'29.57447"	W91°35'53.74216"	717.094	?	e
220	N41°35'32.37510"	W91°39'54.37876"	651.501	?	e

221	N41°36'43.04683"	W91°45'58.87082"	665.505	?	e
222	N41°46'37.66399"	W91°25'14.61595"	742.968	?	e
223	N41°45'26.00151"	W91°37'40.98616"	657.410	?	e
224	N41°43'23.23201"	W91°38'19.38491"	678.361	?	e
225	N41°45'07.07730"	W91°34'40.98342"	734.024	?	e
226	N41°43'22.47694"	W91°35'41.68183"	652.852	?	e
227	N41°41'28.90534"	W91°37'36.17335"	571.842	?	e
228	N41°42'18.87354"	W91°35'16.06870"	698.456	?	e
229	N41°42'36.13155"	W91°33'51.32822"	700.089	?	e
23	N41°46'03.10549"	W91°42'53.65146"	614.463	?	e
230	N41°41'17.86061"	W91°32'49.17350"	607.504	?	e
231	N41°37'55.79397"	W91°31'48.89370"	545.756	?	e
232	N41°39'25.17005"	W91°37'39.84515"	667.704	?	e
233	N41°39'00.30198"	W91°37'34.65373"	673.549	0.034	
234	N41°39'38.92913"	W91°31'43.80354"	552.231	0.032	
235	N41°36'47.19159"	W91°30'29.91112"	571.779	?	e
236	N41°41'17.82440"	W91°29'31.09709"	622.599	?	e
24	N41°46'23.56351"	W91°49'52.89315"	651.548	?	NEe
25	N41°44'41.43200"	W91°49'56.80895"	766.543	?	NEe
27	N41°44'40.04461"	W91°35'52.45506"	656.486	?	e
28	N41°44'42.26522"	W91°28'58.37487"	737.277	?	e
29	N41°44'37.16003"	W91°22'04.10885"	723.852	?	NEe
3	N41°51'43.51079"	W91°42'52.30805"	689.156	?	e
30	N41°42'52.15424"	W91°21'58.39592"	709.518	?	NEe
31	N41°42'57.44527"	W91°28'51.37930"	690.173	?	e
33	N41°42'53.27339"	W91°43'00.74509"	619.675	?	e
34	N41°42'55.83869"	W91°50'00.67081"	681.013	?	NEe
35	N41°41'12.70722"	W91°50'02.39980"	718.302	?	NEe
36	N41°41'14.78693"	W91°42'59.35123"	625.945	?	e
37	N41°41'03.51227"	W91°35'51.76974"	577.430	?	e
38	N41°41'04.51599"	W91°28'58.03699"	639.955	?	e
39	N41°41'07.47388"	W91°21'56.76299"	651.246	?	NEe
4	N41°51'53.24663"	W91°39'21.30978"	739.819	?	e
40	N41°39'23.57317"	W91°22'00.70466"	671.280	?	NEe
41	N41°39'26.07810"	W91°28'52.24783"	637.701	?	e

42	N41°39'25.49142"	W91°36'00.68382"	662.790	?	e
43	N41°39'27.44526"	W91°42'59.74875"	679.058	?	e
44	N41°39'30.63285"	W91°50'00.10215"	736.599	?	NEe
45	N41°37'46.36644"	W91°50'01.35482"	679.814	?	NEe
46	N41°37'46.43008"	W91°43'02.22527"	604.569	?	e
47	N41°37'41.82050"	W91°35'58.31731"	669.682	?	e
48	N41°39'47.13153"	W91°33'30.49767"	597.077	?	e
5	N41°51'38.49099"	W91°36'00.17560"	686.514	?	e
50	N41°35'53.30385"	W91°21'59.02880"	629.734	?	NEe
51	N41°35'55.74881"	W91°28'58.86093"	561.825	?	e
52	N41°35'57.62121"	W91°36'00.71351"	540.456	?	e
53	N41°36'00.42190"	W91°42'17.96739"	584.052	?	e
54	N41°36'00.19027"	W91°49'59.66542"	608.358	?	NEe
55	N41°34'09.74149"	W91°49'38.08937"	635.482	?	NEe
56	N41°34'10.30327"	W91°42'47.78234"	687.018	?	e
57	N41°34'08.95031"	W91°35'53.92458"	633.491	?	e
58	N41°34'09.28009"	W91°28'56.33685"	553.356	?	e
6	N41°51'36.49223"	W91°32'18.77211"	718.662	?	e
60	N41°32'22.19577"	W91°22'02.17800"	553.340	?	e
61	N41°39'23.38716"	W91°32'05.20674"	582.494	?	e
62	N41°32'23.32267"	W91°35'55.68954"	615.560	?	e
63	N41°32'24.69369"	W91°42'46.44780"	650.958	?	e
64	N41°32'25.55349"	W91°49'41.71184"	627.191	?	NEe
65	N41°30'40.73560"	W91°49'45.83555"	620.290	?	NEe
66	N41°30'41.97394"	W91°46'16.71718"	580.621	?	e
67	N41°30'40.06632"	W91°42'49.09213"	655.937	?	e
68	N41°30'41.94016"	W91°39'24.42097"	624.749	?	e
69	N41°30'40.05934"	W91°36'31.54852"	643.883	?	e
7	N41°51'35.85289"	W91°29'36.52667"	758.998	?	e
70	N41°30'45.17113"	W91°32'26.61409"	639.746	?	e
71	N41°30'38.78258"	W91°28'59.79181"	550.397	?	e
72	N41°30'37.41526"	W91°22'04.27902"	625.142	?	e
73	N41°28'52.83046"	W91°22'02.68717"	555.855	?	e
74	N41°28'56.82111"	W91°28'45.91768"	535.598	?	e
75	N41°28'59.65111"	W91°32'30.06672"	516.964	?	e

76	N41°27'12.00945"	W91°32'29.59480"	618.131	?	e
77	N41°27'10.41339"	W91°29'02.68808"	513.062	?	e
78	N41°27'09.97713"	W91°22'05.52819"	601.896	?	e
79	N41°25'24.08815"	W91°22'06.31362"	507.738	?	NEe
8	N41°51'35.90181"	W91°25'56.20320"	614.862	?	e
80	N41°25'24.29825"	W91°25'36.66284"	540.221	?	NEe
81	N41°25'51.84511"	W91°28'10.29539"	509.556	?	NEe
82	N41°25'26.42500"	W91°32'25.86313"	644.895	?	e
83	N41°41'10.84248"	W91°32'22.56896"	648.787	?	e
84	N41°38'31.76248"	W91°32'21.90971"	541.114	?	e
85	N41°32'26.08830"	W91°28'58.23165"	557.428	?	e
86	N41°37'40.60661"	W91°28'57.89229"	559.307	?	e
88	N41°32'56.27635"	W91°25'33.63890"	633.724	?	e
9	N41°51'36.52021"	W91°21'58.39029"	629.458	?	NEe
92	N41°39'33.33209"	W91°48'13.36047"	727.115	?	e
94	N41°46'19.24962"	W91°34'28.67581"	674.828	?	NEe
95	N41°48'26.81286"	W91°50'53.35327"	630.103	?	NEe

Adjusted ECEF Coordinates

Point ID	X (US survey foot)	X Error (US survey foot)	Y (US survey foot)	Y Error (US survey foot)	Z (US survey foot)	Z Error (US survey foot)	3D Error (US survey foot)	Constraint
1	- 498866.228	?	- 15600324.986	?	13892068.563	?	?	NEe
10	- 372520.480	?	- 15612118.122	?	13882767.903	?	?	NEe
103	- 439010.226	?	- 15639368.195	?	13850456.550	?	?	e
104	- 428702.607	?	- 15643323.286	?	13846298.060	?	?	e
106	- 433874.721	?	- 15644072.602	?	13845259.842	?	?	e

12	- 433133.523	?	- 15609409.442	?	13884164.928	?	?	e
13	- 469842.393	?	- 15608181.159	?	13884254.205	?	?	e
14	- 498669.537	?	- 15607441.782	?	13884253.553	?	?	NEe
16	- 472725.289	?	- 15613858.933	?	13877802.725	?	?	e
17	- 434588.394	?	- 15617316.087	?	13875165.407	?	?	e
18	- 403785.974	?	- 15617576.468	?	13875906.358	?	?	e
19	- 372122.387	?	- 15618030.465	?	13876138.244	?	?	NEe
2	- 483026.187	?	- 15600802.634	?	13892129.544	?	?	e
20	- 372665.178	?	- 15626427.322	?	13866901.958	?	?	NEe
201	- 479342.917	?	- 15600912.262	?	13892214.782	?	?	e
202	- 485920.156	?	- 15608173.031	?	13883718.136	?	?	e
203	- 456649.625	?	- 15608749.235	?	13884176.755	?	?	e
204	- 421272.350	?	- 15612754.619	?	13880741.750	?	?	e
205	- 389619.248	?	- 15614568.003	?	13879708.552	?	?	e
206	- 385752.647	?	- 15635719.306	?	13856090.438	?	?	e
207	- 417435.391	?	- 15632496.590	?	13858831.441	?	?	e
208	- 452082.336	?	- 15629992.100	?	13860480.807	?	?	e
209	- 484289.636	?	- 15625419.574	?	13864477.810	?	?	e
21	- 404411.082	?	- 15624836.474	?	13867796.954	?	?	e
210	- 485806.183	?	- 15638093.161	?	13850267.025	?	?	e

211	- 483702.527	?	- 15653422.477	?	13833207.018	?	?	e
212	- 452818.641	?	- 15653290.498	?	13834331.676	?	?	e
213	- 389553.410	?	- 15656737.055	?	13832364.659	?	?	e
214	- 390982.670	?	- 15670747.999	?	13816492.892	?	?	e
215	- 422404.191	?	- 15677011.647	?	13808390.110	?	?	e
216	- 453806.345	?	- 15676151.259	?	13808490.959	?	?	e
217	- 484007.027	?	- 15675107.606	?	13808745.181	?	?	e
218	- 390334.116	?	- 15685416.067	?	13799905.298	?	?	e
219	- 390694.464	?	- 15698195.021	?	13785482.412	?	?	e
22	- 435924.998	?	- 15623338.595	?	13868525.220	?	?	e
220	- 455435.562	?	- 15666991.329	?	13818799.568	?	?	e
221	- 482974.015	?	- 15661425.171	?	13824158.086	?	?	e
222	- 387499.906	?	- 15624088.250	?	13869153.131	?	?	e
223	- 444168.554	?	- 15627350.011	?	13863685.658	?	?	e
224	- 447314.816	?	- 15635552.801	?	13854426.726	?	?	e
225	- 430567.447	?	- 15629064.003	?	13862307.633	?	?	e
226	- 435361.159	?	- 15635922.048	?	13854352.703	?	?	e
227	- 444255.542	?	- 15643263.089	?	13845716.311	?	?	e
228	- 433539.199	?	- 15640292.435	?	13849577.101	?	?	e
229	- 427081.913	?	- 15639308.597	?	13850882.353	?	?	e

23	- 467780.840	?	- 15624126.318	?	13866458.585	?	?	e
230	- 422509.648	?	- 15644636.006	?	13844905.169	?	?	e
231	- 418299.408	?	- 15658303.676	?	13829583.163	?	?	e
232	- 444772.600	?	- 15651651.095	?	13836424.753	?	?	e
233	- 444426.272	0.046	- 15653338.982	0.041	13834547.829	0.040	0.074	
234	- 417728.033	0.041	- 15651383.863	0.037	13837388.530	0.037	0.066	
235	- 412425.445	?	- 15663092.945	?	13824409.515	?	?	e
236	- 407486.244	?	- 15645048.235	?	13844912.471	?	?	e
24	- 499493.329	?	- 15621792.114	?	13868027.778	?	?	NEe
25	- 500012.810	?	- 15628750.117	?	13860392.514	?	?	NEe
27	- 436032.154	?	- 15630677.376	?	13860214.452	?	?	e
28	- 404650.126	?	- 15631431.868	?	13860435.958	?	?	e
29	- 373262.850	?	- 15632547.007	?	13860041.443	?	?	NEe
3	- 466993.374	?	- 15601221.440	?	13892189.881	?	?	e
30	- 372998.304	?	- 15639619.498	?	13852099.355	?	?	NEe
31	- 404301.597	?	- 15638470.626	?	13852486.273	?	?	e
33	- 468701.574	?	- 15636901.475	?	13852124.136	?	?	e
34	- 500531.018	?	- 15635787.921	?	13852358.786	?	?	NEe
35	- 500885.233	?	- 15642752.741	?	13844589.302	?	?	NEe
36	- 468794.698	?	- 15643538.271	?	13844685.089	?	?	e

37	- 436385.224	?	- 15645198.933	?	13843800.532	?	?	e
38	- 405002.171	?	- 15646021.911	?	13843917.989	?	?	e
39	- 373041.463	?	- 15646625.822	?	13844149.100	?	?	NEe
4	- 451015.972	?	- 15601071.276	?	13892957.652	?	?	e
40	- 373507.618	?	- 15653624.018	?	13836306.361	?	?	NEe
41	- 404734.235	?	- 15652654.078	?	13836473.484	?	?	e
42	- 437247.347	?	- 15651837.826	?	13836445.791	?	?	e
43	- 469042.440	?	- 15650797.928	?	13836604.367	?	?	e
44	- 500931.200	?	- 15649638.165	?	13836883.679	?	?	NEe
45	- 501249.300	?	- 15656602.360	?	13828958.956	?	?	NEe
46	- 469432.299	?	- 15657528.079	?	13828913.786	?	?	e
47	- 437262.556	?	- 15658818.261	?	13828608.280	?	?	e
48	- 425809.834	?	- 15650647.480	?	13838038.616	?	?	e
5	- 435829.473	?	- 15602460.380	?	13891809.676	?	?	e
50	- 373716.841	?	- 15667730.560	?	13820369.404	?	?	NEe
51	- 405600.634	?	- 15666722.424	?	13820509.391	?	?	e
52	- 437637.369	?	- 15665718.370	?	13820636.933	?	?	e
53	- 466284.252	?	- 15664736.194	?	13820877.871	?	?	e
54	- 501347.691	?	- 15663686.958	?	13820876.476	?	?	NEe
55	- 499946.461	?	- 15671176.145	?	13812532.274	?	?	NEe

56	- 468772.028	?	- 15672140.470	?	13812609.012	?	?	e
57	- 437327.329	?	- 15673100.288	?	13812471.038	?	?	e
58	- 405593.787	?	- 15673871.472	?	13812442.840	?	?	e
6	- 419085.900	?	- 15603078.112	?	13891680.441	?	?	e
60	- 374293.003	?	- 15681842.140	?	13804331.611	?	?	e
61	- 419380.721	?	- 15652408.351	?	13836233.281	?	?	e
62	- 437658.942	?	- 15680172.537	?	13804458.250	?	?	e
63	- 468881.782	?	- 15679204.383	?	13804585.597	?	?	e
64	- 500444.668	?	- 15678153.165	?	13804634.976	?	?	NEe
65	- 500982.490	?	- 15685168.205	?	13796687.370	?	?	NEe
66	- 485076.585	?	- 15685555.331	?	13796754.940	?	?	e
67	- 469292.859	?	- 15686219.950	?	13796660.266	?	?	e
68	- 453723.296	?	- 15686528.895	?	13796781.627	?	?	e
69	- 440580.057	?	- 15687044.104	?	13796651.749	?	?	e
7	- 406814.484	?	- 15603476.137	?	13891659.157	?	?	e
70	- 421942.464	?	- 15687210.318	?	13797036.459	?	?	e
71	- 406222.009	?	- 15687987.069	?	13796493.016	?	?	e
72	- 374621.865	?	- 15688921.211	?	13796438.915	?	?	e
73	- 374666.925	?	- 15695884.179	?	13788464.020	?	?	e
74	- 405343.035	?	- 15694839.106	?	13788753.213	?	?	e

75	422392.976	-	?	15694185.720	-	?	13788955.465	?	?	e
76	422553.205	-	?	15701474.847	-	?	13780858.292	?	?	e
77	406803.386	-	?	15701919.005	-	?	13780667.654	?	?	e
78	375048.546	-	?	15702805.417	-	?	13780693.366	?	?	e
79	375276.049	-	?	15709824.633	-	?	13772596.123	?	?	NEe
8	390144.507	-	?	15603791.158	-	?	13891566.662	?	?	e
80	391297.015	-	?	15709444.041	-	?	13772633.561	?	?	NEe
81	402949.893	-	?	15707280.961	-	?	13774703.886	?	?	NEe
82	422459.828	-	?	15708572.936	-	?	13772864.229	?	?	e
83	420505.284	-	?	15645193.481	-	?	13844402.110	?	?	e
84	420740.688	-	?	15655814.933	-	?	13832301.097	?	?	e
85	405917.146	-	?	15680797.123	-	?	13804629.231	?	?	e
86	405344.621	-	?	15659676.117	-	?	13828443.114	?	?	e
88	390314.256	-	?	15679223.223	-	?	13806966.798	?	?	e
9	372153.131	-	?	15604199.711	-	?	13891623.023	?	?	NEe
92	492826.534	-	?	15649706.696	-	?	13837081.507	?	?	e
94	429499.955	-	?	15624181.531	-	?	13867717.618	?	?	NEe
95	503803.700	-	?	15613319.326	-	?	13877315.405	?	?	NEe

Error Ellipse Components

Point ID	Semi-major axis (US survey foot)	Semi-minor axis (US survey foot)	Azimuth
103	0.062	0.061	13°
104	0.056	0.055	16°
106	0.052	0.051	13°
12	0.064	0.062	14°
13	0.071	0.067	15°
16	0.048	0.047	171°
17	0.045	0.044	11°
18	0.041	0.040	10°
2	0.049	0.046	3°
201	0.059	0.056	11°
202	0.047	0.045	164°
203	0.057	0.054	17°
204	0.043	0.041	9°
205	0.039	0.037	12°
206	0.044	0.042	12°
207	0.048	0.047	5°
208	0.058	0.057	14°
209	0.033	0.032	165°
21	0.039	0.038	22°
210	0.038	0.037	6°
211	0.048	0.047	34°
212	0.057	0.056	24°
213	0.044	0.041	176°
214	0.036	0.034	2°
215	0.051	0.049	31°
216	0.051	0.050	17°
217	0.041	0.039	13°
218	0.044	0.043	1°
219	0.036	0.035	5°
22	0.043	0.042	12°
220	0.049	0.047	9°

221		0.039	0.038	17°
222		0.041	0.039	34°
223		0.048	0.047	12°
224		0.054	0.052	12°
225		0.042	0.041	14°
226		0.055	0.054	18°
227		0.046	0.045	11°
228		0.048	0.047	12°
229		0.051	0.050	11°
23		0.045	0.044	177°
230		0.050	0.049	9°
231		0.048	0.047	10°
232		0.053	0.052	15°
233		0.059	0.057	17°
234		0.052	0.051	178°
235		0.062	0.060	17°
236		0.050	0.048	178°
27		0.052	0.051	20°
28		0.043	0.042	7°
3		0.066	0.062	19°
31		0.049	0.048	179°
33		0.058	0.057	9°
36		0.045	0.044	10°
37		0.063	0.061	5°
38		0.039	0.036	175°
4		0.062	0.060	24°
41		0.045	0.043	174°
42		0.049	0.048	12°
43		0.048	0.047	25°
46		0.060	0.059	9°
47		0.052	0.051	7°
48		0.051	0.050	10°
5		0.063	0.061	18°
51		0.049	0.047	8°
52		0.054	0.053	14°

53		0.051	0.049	7°
56		0.066	0.061	2°
57		0.053	0.051	33°
58		0.057	0.055	22°
6		0.067	0.065	7°
60		0.045	0.045	6°
61		0.056	0.055	7°
62		0.068	0.066	36°
63		0.050	0.049	6°
66		0.046	0.044	11°
67		0.055	0.053	10°
68		0.059	0.057	15°
69		0.061	0.059	35°
7		0.057	0.053	179°
70		0.050	0.049	27°
71		0.048	0.047	16°
72		0.058	0.057	167°
73		0.046	0.045	174°
74		0.045	0.044	23°
75		0.054	0.052	21°
76		0.051	0.050	6°
77		0.038	0.038	7°
78		0.050	0.049	3°
8		0.049	0.045	176°
82		0.053	0.051	177°
83		0.047	0.046	2°
84		0.062	0.061	9°
85		0.063	0.061	17°
86		0.052	0.050	178°
88		0.054	0.053	4°
92		0.043	0.042	31°

Adjusted GPS Observations

Transformation Parameters

Deflection in Latitude: -0.032 sec (95%) 0.083 sec
 Deflection in Longitude: -0.033 sec (95%) 0.092 sec
 Azimuth Rotation: -0.070 sec (95%) 0.061 sec
 Scale Factor: 1.00000016 (95%) 0.00000029

Observation ID		Observation	A-posteriori Error	Residual	Standardized Residual
78-79 (IPV188)	Az.	180°19'11"	0.761 sec	0.242 sec	0.822
	ΔHt.	-94.159 sft	0.005 sft	-0.166 sft	-5.567
	Ellip Dist.	10717.812 sft	0.040 sft	-0.005 sft	-0.327
20-222 (IPV23)	Az.	281°23'53"	0.449 sec	1.276 sec	3.641
	ΔHt.	24.793 sft	0.006 sft	0.071 sft	1.451
	Ellip Dist.	15185.237 sft	0.032 sft	-0.033 sft	-1.383
4-5 (IPV124)	Az.	95°35'11"	0.597 sec	-0.132 sec	-0.640
	ΔHt.	-53.308 sft	0.006 sft	-0.118 sft	-3.534
	Ellip Dist.	15292.429 sft	0.043 sft	0.016 sft	1.053
219-80 (IPV61)	Az.	181°04'53"	0.348 sec	-0.418 sec	-1.705
	ΔHt.	-64.423 sft	0.008 sft	-0.079 sft	-2.933
	Ellip Dist.	17087.313 sft	0.029 sft	-0.009 sft	-0.460
70-75 (IPV178)	Az.	181°24'34"	0.762 sec	0.147 sec	0.476
	ΔHt.	-122.784 sft	0.005 sft	-0.078 sft	-2.771
	Ellip Dist.	10683.643 sft	0.040 sft	0.004 sft	0.222
24-25 (IPV101)	Az.	181°38'41"	0.061 sec	1.492 sec	2.732
	ΔHt.	114.993 sft	0.005 sft	-0.094 sft	-2.540
	Ellip Dist.	10342.167 sft	0.003 sft	-0.068 sft	-2.402
39-38 (IPV122)	Az.	269°30'08"	0.202 sec	-0.480 sec	-2.730
	ΔHt.	-11.286 sft	0.013 sft	-0.007 sft	-0.227

	Ellip Dist.	31966.261 sft	0.029 sft	-0.022 sft	-1.024
40-39 (IPV127)	Az.	1°37'44"	0.061 sec	-0.773 sec	-1.559
	ΔHt.	-20.032 sft	0.005 sft	-0.029 sft	-1.073
	Ellip Dist.	10521.081 sft	0.003 sft	0.074 sft	2.713
8-205 (IPV189)	Az.	177°09'34"	0.462 sec	0.171 sec	0.723
	ΔHt.	107.159 sft	0.007 sft	-0.081 sft	-2.594
	Ellip Dist.	16031.314 sft	0.039 sft	-0.048 sft	-2.465
210-34 (IPV41)	Az.	280°41'05"	0.414 sec	-0.699 sec	-2.584
	ΔHt.	18.317 sft	0.006 sft	-0.022 sft	-0.858
	Ellip Dist.	15049.765 sft	0.030 sft	0.000 sft	0.008
4-203 (IPV123)	Az.	204°41'00"	0.641 sec	-0.063 sec	-0.239
	ΔHt.	-19.343 sft	0.006 sft	-0.082 sft	-2.476
	Ellip Dist.	12953.035 sft	0.042 sft	-0.019 sft	-1.136
8-9 (IPV190)	Az.	89°46'43"	0.455 sec	0.609 sec	2.467
	ΔHt.	14.593 sft	0.007 sft	-0.026 sft	-0.773
	Ellip Dist.	17995.559 sft	0.037 sft	0.018 sft	0.935
70-71 (IPV177)	Az.	92°20'03"	0.497 sec	0.098 sec	0.414
	ΔHt.	-89.351 sft	0.006 sft	-0.075 sft	-2.435
	Ellip Dist.	15748.310 sft	0.037 sft	0.015 sft	0.854
6-7 (IPV159)	Az.	90°17'13"	0.741 sec	-0.063 sec	-0.311
	ΔHt.	40.334 sft	0.005 sft	-0.065 sft	-2.391
	Ellip Dist.	12277.387 sft	0.043 sft	-0.003 sft	-0.271
25-34 (IPV103)	Az.	181°34'11"	0.061 sec	-0.967 sec	-1.969
	ΔHt.	-85.531 sft	0.005 sft	-0.027 sft	-0.966
	Ellip Dist.	10692.274 sft	0.003 sft	0.062 sft	2.368

29-206 (IPV108)	Az.	247°02'20"	0.537 sec	-0.662 sec	-2.338
	ΔHt.	-37.512 sft	0.006 sft	0.005 sft	0.198
	Ellip Dist.	13477.955 sft	0.035 sft	-0.004 sft	-0.225
82-76 (IPV193)	Az.	358°28'37"	0.778 sec	0.092 sec	0.326
	ΔHt.	-26.762 sft	0.005 sft	0.060 sft	2.284
	Ellip Dist.	10690.602 sft	0.041 sft	0.007 sft	0.482
80-79 (IPV191)	Az.	90°03'24"	0.061 sec	-0.153 sec	-0.467
	ΔHt.	-32.486 sft	0.006 sft	-0.062 sft	-2.169
	Ellip Dist.	16025.094 sft	0.005 sft	0.001 sft	0.030
209-25 (IPV38)	Az.	250°18'13"	0.329 sec	0.670 sec	2.099
	ΔHt.	132.224 sft	0.007 sft	-0.073 sft	-2.135
	Ellip Dist.	16582.051 sft	0.025 sft	0.027 sft	1.157
207-83 (IPV33)	Az.	188°03'45"	0.398 sec	-0.102 sec	-0.568
	ΔHt.	-65.165 sft	0.009 sft	0.061 sft	2.131
	Ellip Dist.	19463.089 sft	0.039 sft	-0.004 sft	-0.247
210-92 (IPV42)	Az.	200°35'49"	0.390 sec	0.019 sec	0.098
	ΔHt.	64.414 sft	0.008 sft	0.072 sft	2.117
	Ellip Dist.	18920.606 sft	0.036 sft	-0.010 sft	-0.542
21-94 (IPV40)	Az.	269°52'24"	0.264 sec	0.084 sec	0.447
	ΔHt.	-41.978 sft	0.010 sft	-0.074 sft	-1.920
	Ellip Dist.	25096.675 sft	0.031 sft	-0.044 sft	-2.102
221-217 (IPV65)	Az.	181°41'46"	0.340 sec	0.102 sec	0.536
	ΔHt.	23.505 sft	0.009 sft	0.076 sft	2.098
	Ellip Dist.	20635.055 sft	0.035 sft	-0.031 sft	-1.535

19-20 (IPV20)	Az.	181°34'17"	0.061 sec	0.857 sec	2.008
	ΔHt.	114.276 sft	0.006 sft	-0.008 sft	-0.241
	Ellip Dist.	12493.512 sft	0.004 sft	0.053 sft	2.056
35-44 (IPV117)	Az.	179°01'58"	0.061 sec	-0.387 sec	-0.771
	ΔHt.	18.295 sft	0.005 sft	0.058 sft	2.040
	Ellip Dist.	10333.440 sft	0.003 sft	-0.035 sft	-1.377
10-19 (IPV2)	Az.	176°31'29"	0.061 sec	0.551 sec	0.889
	ΔHt.	-22.079 sft	0.004 sft	-0.018 sft	-0.452
	Ellip Dist.	8891.653 sft	0.003 sft	0.054 sft	2.029
16-23 (IPV13)	Az.	160°55'57"	0.496 sec	0.071 sec	0.357
	ΔHt.	-18.463 sft	0.007 sft	-0.053 sft	-2.023
	Ellip Dist.	16079.193 sft	0.039 sft	-0.003 sft	-0.176
3-4 (IPV111)	Az.	86°26'54"	0.578 sec	-0.179 sec	-0.902
	ΔHt.	50.660 sft	0.006 sft	-0.063 sft	-1.960
	Ellip Dist.	15995.916 sft	0.044 sft	0.015 sft	0.993
58-215 (IPV158)	Az.	252°05'38"	0.484 sec	-0.287 sec	-1.166
	ΔHt.	-7.822 sft	0.007 sft	0.095 sft	1.948
	Ellip Dist.	17574.376 sft	0.042 sft	0.024 sft	1.124
94-204 (IPV202)	Az.	24°21'25"	0.355 sec	-0.098 sec	-0.466
	ΔHt.	-2.536 sft	0.008 sft	0.063 sft	1.926
	Ellip Dist.	19179.989 sft	0.034 sft	-0.034 sft	-1.675
29-30 (IPV109)	Az.	177°39'56"	0.061 sec	-0.924 sec	-1.914
	ΔHt.	-14.336 sft	0.005 sft	0.019 sft	0.739
	Ellip Dist.	10637.615 sft	0.003 sft	-0.004 sft	-0.155
14-95 (IPV10)	Az.	208°15'37"	0.061 sec	0.820 sec	1.657

	ΔHt.	-125.581 sft	0.005 sft	-0.030 sft	-1.117
	Ellip Dist.	10441.265 sft	0.003 sft	-0.046 sft	-1.843
222-206 (IPV66)	Az.	173°21'05"	0.434 sec	-0.011 sec	-0.051
	ΔHt.	-56.631 sft	0.008 sft	0.037 sft	1.029
	Ellip Dist.	17576.799 sft	0.039 sft	-0.038 sft	-1.743
27-226 (IPV104)	Az.	174°03'35"	1.025 sec	0.409 sec	0.883
	ΔHt.	-3.635 sft	0.004 sft	0.060 sft	1.738
	Ellip Dist.	7893.857 sft	0.040 sft	0.001 sft	0.034
214-50 (IPV48)	Az.	73°12'11"	0.334 sec	0.151 sec	0.635
	ΔHt.	2.181 sft	0.007 sft	0.048 sft	1.699
	Ellip Dist.	17950.535 sft	0.028 sft	-0.009 sft	-0.409
77-81 (IPV187)	Az.	153°20'56"	0.708 sec	0.098 sec	0.216
	ΔHt.	-3.509 sft	0.004 sft	-0.034 sft	-1.315
	Ellip Dist.	8897.337 sft	0.031 sft	0.033 sft	1.697
73-219 (IPV181)	Az.	255°52'42"	0.398 sec	0.118 sec	0.402
	ΔHt.	48.788 sft	0.007 sft	-0.065 sft	-1.679
	Ellip Dist.	16464.948 sft	0.031 sft	-0.029 sft	-1.290
16-203 (IPV12)	Az.	61°56'51"	0.478 sec	0.226 sec	0.987
	ΔHt.	87.552 sft	0.007 sft	0.085 sft	1.667
	Ellip Dist.	18031.513 sft	0.043 sft	-0.006 sft	-0.254
203-17 (IPV28)	Az.	118°16'25"	0.336 sec	-0.053 sec	-0.374
	ΔHt.	-95.141 sft	0.011 sft	-0.073 sft	-1.652
	Ellip Dist.	25322.774 sft	0.039 sft	0.014 sft	0.832
94-225 (IPV204)	Az.	187°16'38"	0.925 sec	0.307 sec	0.593
	ΔHt.	59.195 sft	0.003 sft	0.042 sft	1.590

	Ellip Dist.	7364.703 sft	0.033 sft	0.019 sft	1.035
232-227 (IPV93)	Az.	1°16'27"	0.598 sec	0.012 sec	0.042
	ΔHt.	-95.860 sft	0.006 sft	-0.046 sft	-1.566
	Ellip Dist.	12527.590 sft	0.037 sft	-0.009 sft	-0.517
225-229 (IPV73)	Az.	166°09'09"	0.488 sec	0.145 sec	0.662
	ΔHt.	-33.938 sft	0.007 sft	0.040 sft	1.534
	Ellip Dist.	15735.928 sft	0.037 sft	0.004 sft	0.233
209-24 (IPV36)	Az.	287°14'07"	0.337 sec	0.295 sec	1.039
	ΔHt.	17.232 sft	0.007 sft	-0.044 sft	-1.509
	Ellip Dist.	16028.004 sft	0.026 sft	-0.032 sft	-1.466
231-215 (IPV89)	Az.	187°14'51"	0.275 sec	0.155 sec	1.124
	ΔHt.	-0.227 sft	0.013 sft	0.061 sft	1.504
	Ellip Dist.	28564.665 sft	0.039 sft	0.030 sft	1.472
82-81 (IPV194)	Az.	82°26'53"	0.439 sec	0.093 sec	0.555
	ΔHt.	-135.342 sft	0.008 sft	0.047 sft	1.495
	Ellip Dist.	19638.009 sft	0.041 sft	-0.003 sft	-0.179
42-47 (IPV131)	Az.	179°01'08"	0.761 sec	0.248 sec	0.832
	ΔHt.	6.890 sft	0.005 sft	0.039 sft	1.488
	Ellip Dist.	10495.055 sft	0.039 sft	-0.004 sft	-0.235
5-6 (IPV142)	Az.	90°40'17"	0.553 sec	-0.020 sec	-0.130
	ΔHt.	32.146 sft	0.007 sft	-0.050 sft	-1.480
	Ellip Dist.	16754.868 sft	0.043 sft	-0.003 sft	-0.267
43-36 (IPV135)	Az.	0°09'33"	0.706 sec	-0.078 sec	-0.244
	ΔHt.	-53.112 sft	0.005 sft	-0.042 sft	-1.467
	Ellip Dist.	10865.166 sft	0.037 sft	-0.017 sft	-1.002

209-24 (IPV37)	Az.	287°14'07"	0.337 sec	-0.518 sec	-1.462
	ΔHt.	17.232 sft	0.007 sft	0.041 sft	0.875
	Ellip Dist.	16028.004 sft	0.026 sft	-0.021 sft	-0.722
205-10 (IPV30)	Az.	76°09'22"	0.368 sec	-0.357 sec	-1.447
	ΔHt.	-96.048 sft	0.007 sft	-0.020 sft	-0.542
	Ellip Dist.	17541.388 sft	0.031 sft	0.005 sft	0.226
23-209 (IPV85)	Az.	260°47'46"	0.452 sec	-0.039 sec	-0.185
	ΔHt.	19.859 sft	0.007 sft	-0.040 sft	-1.444
	Ellip Dist.	16676.909 sft	0.036 sft	0.022 sft	1.297
88-218 (IPV199)	Az.	179°10'51"	0.879 sec	-0.188 sec	-0.587
	ΔHt.	-47.907 sft	0.004 sft	0.038 sft	1.442
	Ellip Dist.	9391.965 sft	0.040 sft	0.001 sft	0.101
2-202 (IPV22)	Az.	193°20'08"	0.680 sec	0.256 sec	0.825
	ΔHt.	-56.828 sft	0.005 sft	-0.046 sft	-1.439
	Ellip Dist.	11551.525 sft	0.039 sft	-0.004 sft	-0.225
76-75 (IPV184)	Az.	359°48'40"	0.747 sec	-0.108 sec	-0.362
	ΔHt.	-101.166 sft	0.005 sft	0.032 sft	1.157
	Ellip Dist.	10895.161 sft	0.040 sft	0.023 sft	1.430
36-210 (IPV118)	Az.	293°27'28"	0.419 sec	-0.309 sec	-1.424
	ΔHt.	36.758 sft	0.008 sft	0.003 sft	0.082
	Ellip Dist.	18712.960 sft	0.037 sft	-0.020 sft	-1.101
30-39 (IPV112)	Az.	179°19'48"	0.061 sec	0.672 sec	1.370
	ΔHt.	-58.273 sft	0.005 sft	0.007 sft	0.274
	Ellip Dist.	10596.521 sft	0.003 sft	0.001 sft	0.055

204-18 (IPV29)	Az.	110°16'05"	0.426 sec	0.233 sec	1.030
	ΔHt.	24.853 sft	0.008 sft	-0.048 sft	-1.353
	Ellip Dist.	18771.810 sft	0.037 sft	0.004 sft	0.220
64-65 (IPV169)	Az.	181°41'38"	0.061 sec	-0.661 sec	-1.352
	ΔHt.	-6.903 sft	0.005 sft	-0.025 sft	-0.892
	Ellip Dist.	10614.033 sft	0.003 sft	-0.008 sft	-0.301
55-64 (IPV153)	Az.	181°29'47"	0.061 sec	-0.233 sec	-0.475
	ΔHt.	-8.293 sft	0.005 sft	0.045 sft	1.349
	Ellip Dist.	10549.289 sft	0.003 sft	-0.003 sft	-0.100
21-28 (IPV39)	Az.	180°23'45"	0.742 sec	0.488 sec	1.344
	ΔHt.	20.465 sft	0.004 sft	-0.004 sft	-0.131
	Ellip Dist.	9886.019 sft	0.036 sft	-0.021 sft	-1.198
219-218 (IPV56)	Az.	0°07'33"	0.369 sec	-0.275 sec	-1.324
	ΔHt.	-18.820 sft	0.009 sft	-0.028 sft	-0.902
	Ellip Dist.	19272.508 sft	0.035 sft	0.010 sft	0.489
77-74 (IPV185)	Az.	6°45'32"	0.617 sec	-0.029 sec	-0.081
	ΔHt.	22.537 sft	0.005 sft	0.035 sft	1.302
	Ellip Dist.	10845.617 sft	0.033 sft	0.000 sft	0.002
215-70 (IPV50)	Az.	177°14'10"	0.530 sec	0.121 sec	0.470
	ΔHt.	94.211 sft	0.007 sft	-0.002 sft	-0.061
	Ellip Dist.	15267.918 sft	0.039 sft	0.024 sft	1.287
71-74 (IPV179)	Az.	174°09'27"	0.716 sec	-0.368 sec	-1.077
	ΔHt.	-14.801 sft	0.005 sft	-0.034 sft	-1.262
	Ellip Dist.	10374.088 sft	0.036 sft	0.004 sft	0.233
94-22 (IPV203)	Az.	279°13'03"	1.094 sec	-0.266 sec	-0.452

	ΔHt.	42.267 sft	0.003 sft	0.036 sft	1.259
	Ellip Dist.	6529.878 sft	0.034 sft	0.020 sft	1.115
23-33 (IPV86)	Az.	181°36'14"	0.448 sec	-0.198 sec	-1.224
	ΔHt.	5.209 sft	0.009 sft	0.011 sft	0.375
	Ellip Dist.	19222.561 sft	0.042 sft	0.006 sft	0.440
33-36 (IPV115)	Az.	179°23'32"	0.848 sec	-0.353 sec	-1.215
	ΔHt.	6.268 sft	0.004 sft	0.026 sft	0.972
	Ellip Dist.	9969.411 sft	0.042 sft	0.008 sft	0.527
24-95 (IPV102)	Az.	339°50'47"	0.061 sec	-0.140 sec	-0.352
	ΔHt.	-21.442 sft	0.006 sft	0.036 sft	1.176
	Ellip Dist.	13289.699 sft	0.004 sft	0.022 sft	0.853
219-77 (IPV60)	Az.	248°24'09"	0.327 sec	-0.213 sec	-0.836
	ΔHt.	-91.577 sft	0.007 sft	0.000 sft	0.004
	Ellip Dist.	17219.845 sft	0.027 sft	0.025 sft	1.173
17-12 (IPV14)	Az.	5°52'16"	0.716 sec	-0.144 sec	-0.621
	ΔHt.	79.764 sft	0.005 sft	0.038 sft	1.169
	Ellip Dist.	12066.789 sft	0.043 sft	0.002 sft	0.163
216-220 (IPV51)	Az.	352°09'45"	0.545 sec	-0.308 sec	-1.161
	ΔHt.	26.215 sft	0.006 sft	-0.015 sft	-0.478
	Ellip Dist.	13885.732 sft	0.038 sft	0.002 sft	0.132
14-202 (IPV9)	Az.	92°45'26"	0.611 sec	-0.179 sec	-0.580
	ΔHt.	-111.995 sft	0.005 sft	0.011 sft	0.358
	Ellip Dist.	12780.635 sft	0.037 sft	0.021 sft	1.155
45-54 (IPV138)	Az.	179°18'57"	0.061 sec	-0.321 sec	-0.652
	ΔHt.	-71.458 sft	0.005 sft	0.010 sft	0.344

	Ellip Dist.	10747.810 sft	0.003 sft	-0.030 sft	-1.150
75-74 (IPV183)	Az.	90°56'28"	0.487 sec	-0.173 sec	-0.622
	ΔHt.	18.632 sft	0.007 sft	0.057 sft	1.142
	Ellip Dist.	17063.213 sft	0.039 sft	-0.024 sft	-1.067
209-210 (IPV35)	Az.	183°22'16"	0.354 sec	0.207 sec	1.009
	ΔHt.	28.377 sft	0.009 sft	-0.010 sft	-0.342
	Ellip Dist.	19100.852 sft	0.034 sft	0.022 sft	1.127
234-41 (IPV97)	Az.	95°41'18"	0.611 sec	0.010 sec	0.039
	ΔHt.	85.467 sft	0.032 sft	0.025 sft	1.081
	Ellip Dist.	13087.111 sft	0.038 sft	0.013 sft	0.787
92-44 (IPV201)	Az.	268°04'43"	0.865 sec	-0.003 sec	-0.007
	ΔHt.	9.485 sft	0.003 sft	-0.030 sft	-1.080
	Ellip Dist.	8107.080 sft	0.034 sft	0.006 sft	0.324
68-69 (IPV173)	Az.	90°48'48"	0.685 sec	0.000 sec	0.000
	ΔHt.	19.131 sft	0.005 sft	0.057 sft	1.079
	Ellip Dist.	13153.560 sft	0.043 sft	0.017 sft	0.981
40-50 (IPV128)	Az.	179°39'26"	0.061 sec	0.183 sec	0.688
	ΔHt.	-41.549 sft	0.009 sft	0.039 sft	1.062
	Ellip Dist.	21283.676 sft	0.006 sft	-0.028 sft	-0.866
219-73 (IPV57)	Az.	75°50'23"	0.398 sec	-0.256 sec	-0.998
	ΔHt.	-48.788 sft	0.007 sft	0.030 sft	1.005
	Ellip Dist.	16464.948 sft	0.031 sft	0.021 sft	1.040
224-227 (IPV71)	Az.	164°10'56"	0.626 sec	0.185 sec	0.640
	ΔHt.	-106.521 sft	0.005 sft	0.028 sft	1.032
	Ellip Dist.	12027.426 sft	0.037 sft	-0.003 sft	-0.195

28-206 (IPV105)	Az.	106°53'31"	0.404 sec	-0.002 sec	-0.010
	ΔHt.	-50.942 sft	0.008 sft	0.020 sft	0.643
	Ellip Dist.	19858.270 sft	0.037 sft	-0.018 sft	-1.021
41-86 (IPV130)	Az.	182°17'58"	0.747 sec	-0.256 sec	-0.785
	ΔHt.	-78.396 sft	0.005 sft	0.028 sft	0.901
	Ellip Dist.	10684.368 sft	0.041 sft	0.019 sft	1.016
18-205 (IPV18)	Az.	70°09'19"	0.408 sec	-0.112 sec	-0.348
	ΔHt.	24.874 sft	0.006 sft	-0.033 sft	-1.008
	Ellip Dist.	14972.903 sft	0.029 sft	0.008 sft	0.382
225-207 (IPV72)	Az.	109°19'42"	0.560 sec	0.036 sec	0.147
	ΔHt.	-20.078 sft	0.006 sft	0.027 sft	0.998
	Ellip Dist.	14010.833 sft	0.037 sft	0.005 sft	0.274
16-202 (IPV11)	Az.	300°41'44"	0.526 sec	-0.252 sec	-0.995
	ΔHt.	10.771 sft	0.006 sft	0.034 sft	0.742
	Ellip Dist.	15537.412 sft	0.042 sft	-0.012 sft	-0.375
70-69 (IPV176)	Az.	268°25'55"	0.482 sec	-0.037 sec	-0.198
	ΔHt.	4.140 sft	0.008 sft	-0.024 sft	-0.604
	Ellip Dist.	18641.730 sft	0.044 sft	0.017 sft	0.988
43-212 (IPV134)	Az.	100°32'22"	0.510 sec	0.005 sec	0.028
	ΔHt.	-5.724 sft	0.007 sft	0.032 sft	0.988
	Ellip Dist.	16570.209 sft	0.041 sft	-0.001 sft	-0.073
214-88 (IPV49)	Az.	176°02'59"	0.647 sec	-0.146 sec	-0.625
	ΔHt.	6.171 sft	0.006 sft	-0.026 sft	-0.987
	Ellip Dist.	12767.645 sft	0.040 sft	0.002 sft	0.132

205-222 (IPV32)	Az.	170°33'50"	0.499 sec	0.264 sec	0.976
	ΔHt.	20.942 sft	0.006 sft	0.007 sft	0.241
	Ellip Dist.	14371.105 sft	0.035 sft	0.007 sft	0.370
223-208 (IPV68)	Az.	241°14'48"	0.952 sec	-0.306 sec	-0.975
	ΔHt.	5.411 sft	0.004 sft	0.009 sft	0.365
	Ellip Dist.	8937.258 sft	0.041 sft	0.005 sft	0.394
77-76 (IPV186)	Az.	270°36'23"	0.489 sec	0.184 sec	0.845
	ΔHt.	105.071 sft	0.006 sft	0.025 sft	0.964
	Ellip Dist.	15756.456 sft	0.037 sft	0.010 sft	0.600
13-16 (IPV8)	Az.	197°24'01"	1.002 sec	0.112 sec	0.316
	ΔHt.	-7.740 sft	0.004 sft	-0.032 sft	-0.962
	Ellip Dist.	9064.475 sft	0.047 sft	0.015 sft	0.875
65-66 (IPV170)	Az.	89°31'46"	0.483 sec	0.231 sec	0.960
	ΔHt.	-39.671 sft	0.006 sft	0.028 sft	0.948
	Ellip Dist.	15910.251 sft	0.036 sft	0.001 sft	0.032
222-21 (IPV67)	Az.	263°57'10"	0.423 sec	0.177 sec	0.752
	ΔHt.	-26.155 sft	0.007 sft	-0.001 sft	-0.023
	Ellip Dist.	16981.345 sft	0.035 sft	-0.019 sft	-0.947
226-228 (IPV76)	Az.	163°12'26"	1.130 sec	0.227 sec	0.450
	ΔHt.	45.603 sft	0.003 sft	0.025 sft	0.934
	Ellip Dist.	6724.670 sft	0.037 sft	-0.008 sft	-0.492
53-46 (IPV150)	Az.	342°36'29"	0.758 sec	-0.080 sec	-0.315
	ΔHt.	20.520 sft	0.005 sft	-0.024 sft	-0.933
	Ellip Dist.	11244.349 sft	0.042 sft	-0.003 sft	-0.184
51-86 (IPV146)	Az.	0°23'50"	0.711 sec	-0.247 sec	-0.771

	ΔHt.	-2.517 sft	0.005 sft	-0.024 sft	-0.933
	Ellip Dist.	10613.852 sft	0.037 sft	0.009 sft	0.549
231-47 (IPV91)	Az.	265°45'09"	0.429 sec	0.077 sec	0.412
	ΔHt.	123.928 sft	0.008 sft	0.030 sft	0.932
	Ellip Dist.	18994.204 sft	0.039 sft	-0.015 sft	-0.905
57-216 (IPV157)	Az.	252°03'29"	0.459 sec	0.041 sec	0.191
	ΔHt.	-8.201 sft	0.007 sft	-0.014 sft	-0.385
	Ellip Dist.	17224.676 sft	0.039 sft	0.018 sft	0.930
226-224 (IPV75)	Az.	270°22'51"	0.656 sec	-0.048 sec	-0.158
	ΔHt.	25.511 sft	0.005 sft	0.030 sft	0.927
	Ellip Dist.	11959.179 sft	0.037 sft	0.001 sft	0.074
81-80 (IPV192)	Az.	103°23'09"	0.061 sec	-0.217 sec	-0.501
	ΔHt.	30.663 sft	0.005 sft	-0.025 sft	-0.927
	Ellip Dist.	12031.064 sft	0.004 sft	-0.003 sft	-0.125
64-217 (IPV168)	Az.	71°34'08"	0.391 sec	0.175 sec	0.759
	ΔHt.	61.821 sft	0.007 sft	-0.026 sft	-0.924
	Ellip Dist.	17214.609 sft	0.032 sft	0.009 sft	0.490
234-83 (IPV99)	Az.	342°27'21"	0.797 sec	-0.172 sec	-0.503
	ΔHt.	96.558 sft	0.032 sft	-0.020 sft	-0.915
	Ellip Dist.	9757.532 sft	0.038 sft	0.006 sft	0.379
219-77 (IPV59)	Az.	248°24'09"	0.327 sec	0.021 sec	0.079
	ΔHt.	-91.577 sft	0.007 sft	0.001 sft	0.043
	Ellip Dist.	17219.845 sft	0.027 sft	-0.020 sft	-0.909
9-10 (IPV200)	Az.	180°51'37"	0.061 sec	0.429 sec	0.905
	ΔHt.	-3.482 sft	0.005 sft	-0.004 sft	-0.103

	Ellip Dist.	11884.477 sft	0.003 sft	-0.006 sft	-0.219
104-48 (IPV5)	Az.	164°16'38"	0.641 sec	0.077 sec	0.239
	ΔHt.	-82.718 sft	0.005 sft	0.025 sft	0.898
	Ellip Dist.	11411.201 sft	0.035 sft	-0.001 sft	-0.067
5-12 (IPV141)	Az.	164°18'06"	0.808 sec	-0.145 sec	-0.567
	ΔHt.	18.587 sft	0.005 sft	-0.025 sft	-0.897
	Ellip Dist.	10676.694 sft	0.042 sft	0.005 sft	0.394
63-67 (IPV167)	Az.	181°05'18"	0.725 sec	-0.057 sec	-0.175
	ΔHt.	4.977 sft	0.005 sft	-0.024 sft	-0.886
	Ellip Dist.	10592.022 sft	0.038 sft	-0.002 sft	-0.127
208-23 (IPV34)	Az.	296°56'33"	0.496 sec	-0.154 sec	-0.875
	ΔHt.	-48.353 sft	0.007 sft	0.001 sft	0.037
	Ellip Dist.	17792.204 sft	0.042 sft	-0.008 sft	-0.580
3-13 (IPV110)	Az.	193°58'15"	0.841 sec	0.111 sec	0.360
	ΔHt.	-48.495 sft	0.005 sft	-0.029 sft	-0.807
	Ellip Dist.	10932.500 sft	0.048 sft	0.016 sft	0.875
40-38 (IPV126)	Az.	287°55'04"	0.192 sec	0.121 sec	0.872
	ΔHt.	-31.318 sft	0.014 sft	0.004 sft	0.125
	Ellip Dist.	33280.104 sft	0.029 sft	0.005 sft	0.239
201-3 (IPV27)	Az.	89°52'07"	0.791 sec	0.067 sec	0.192
	ΔHt.	-65.285 sft	0.005 sft	0.035 sft	0.856
	Ellip Dist.	12352.837 sft	0.045 sft	0.006 sft	0.318
230-48 (IPV87)	Az.	198°51'28"	0.722 sec	0.106 sec	0.274
	ΔHt.	-10.429 sft	0.004 sft	0.023 sft	0.854
	Ellip Dist.	9704.279 sft	0.034 sft	0.008 sft	0.443

60-72 (IPV162)	Az.	180°51'49"	0.796 sec	0.024 sec	0.088
	ΔHt.	71.801 sft	0.005 sft	0.022 sft	0.842
	Ellip Dist.	10606.815 sft	0.041 sft	0.010 sft	0.695
60-218 (IPV160)	Az.	249°35'14"	0.451 sec	-0.003 sec	-0.016
	ΔHt.	32.480 sft	0.007 sft	-0.021 sft	-0.839
	Ellip Dist.	17019.565 sft	0.037 sft	-0.009 sft	-0.570
2-1 (IPV21)	Az.	269°48'18"	0.513 sec	0.098 sec	0.387
	ΔHt.	-25.183 sft	0.006 sft	-0.027 sft	-0.839
	Ellip Dist.	15846.816 sft	0.037 sft	-0.004 sft	-0.236
34-35 (IPV116)	Az.	180°43'12"	0.061 sec	-0.102 sec	-0.206
	ΔHt.	37.287 sft	0.005 sft	-0.010 sft	-0.369
	Ellip Dist.	10439.844 sft	0.003 sft	-0.021 sft	-0.835
212-233 (IPV46)	Az.	88°00'59"	0.924 sec	-0.005 sec	-0.012
	ΔHt.	0.210 sft	0.034 sft	0.021 sft	0.834
	Ellip Dist.	8395.022 sft	0.037 sft	0.001 sft	0.041
219-74 (IPV58)	Az.	286°44'43"	0.439 sec	-0.211 sec	-0.807
	ΔHt.	-69.040 sft	0.006 sft	0.000 sft	0.013
	Ellip Dist.	15379.313 sft	0.032 sft	0.001 sft	0.033
52-57 (IPV148)	Az.	177°18'50"	0.734 sec	-0.100 sec	-0.296
	ΔHt.	93.033 sft	0.005 sft	0.031 sft	0.794
	Ellip Dist.	11011.593 sft	0.039 sft	-0.014 sft	-0.804
38-41 (IPV121)	Az.	177°28'29"	0.729 sec	-0.017 sec	-0.044
	ΔHt.	-2.256 sft	0.004 sft	0.005 sft	0.163
	Ellip Dist.	9973.563 sft	0.038 sft	0.016 sft	0.800

211-221 (IPV43)	Az.	175°22'38"	0.632 sec	-0.064 sec	-0.221
	ΔHt.	-49.086 sft	0.005 sft	-0.004 sft	-0.159
	Ellip Dist.	12101.441 sft	0.037 sft	-0.014 sft	-0.799
233-42 (IPV96)	Az.	70°19'25"	0.999 sec	-0.099 sec	-0.203
	ΔHt.	-10.760 sft	0.034 sft	0.020 sft	0.792
	Ellip Dist.	7575.546 sft	0.036 sft	0.002 sft	0.139
53-221 (IPV149)	Az.	284°26'18"	0.428 sec	0.036 sec	0.152
	ΔHt.	81.456 sft	0.007 sft	0.025 sft	0.792
	Ellip Dist.	17327.615 sft	0.035 sft	0.009 sft	0.482
232-42 (IPV95)	Az.	89°44'36"	0.926 sec	-0.215 sec	-0.417
	ΔHt.	-4.915 sft	0.003 sft	0.021 sft	0.777
	Ellip Dist.	7527.357 sft	0.033 sft	0.000 sft	0.011
37-106 (IPV119)	Az.	52°44'21"	2.670 sec	0.040 sec	0.037
	ΔHt.	77.595 sft	0.001 sft	-0.018 sft	-0.587
	Ellip Dist.	3113.557 sft	0.040 sft	-0.013 sft	-0.777
42-48 (IPV132)	Az.	79°06'35"	0.644 sec	-0.059 sec	-0.190
	ΔHt.	-65.715 sft	0.005 sft	0.021 sft	0.773
	Ellip Dist.	11608.542 sft	0.036 sft	0.006 sft	0.374
47-52 (IPV139)	Az.	180°59'20"	0.774 sec	0.009 sec	0.033
	ΔHt.	-129.227 sft	0.005 sft	0.018 sft	0.691
	Ellip Dist.	10548.515 sft	0.040 sft	-0.011 sft	-0.770
216-68 (IPV52)	Az.	178°35'46"	0.518 sec	-0.093 sec	-0.385
	ΔHt.	-0.541 sft	0.007 sft	-0.028 sft	-0.764
	Ellip Dist.	15645.957 sft	0.040 sft	0.000 sft	-0.007
28-31 (IPV107)	Az.	177°08'14"	0.732 sec	0.239 sec	0.762

	ΔHt.	-47.106 sft	0.005 sft	0.008 sft	0.292
	Ellip Dist.	10623.235 sft	0.038 sft	-0.008 sft	-0.480
205-18 (IPV31)	Az.	250°11'23"	0.408 sec	0.173 sec	0.618
	ΔHt.	-24.874 sft	0.006 sft	-0.013 sft	-0.436
	Ellip Dist.	14972.903 sft	0.029 sft	-0.016 sft	-0.757
22-223 (IPV62)	Az.	231°38'17"	0.760 sec	0.145 sec	0.464
	ΔHt.	-59.683 sft	0.004 sft	0.005 sft	0.199
	Ellip Dist.	10366.214 sft	0.038 sft	0.012 sft	0.740
62-57 (IPV164)	Az.	0°43'08"	0.834 sec	-0.108 sec	-0.380
	ΔHt.	17.933 sft	0.005 sft	-0.005 sft	-0.122
	Ellip Dist.	10692.252 sft	0.043 sft	-0.011 sft	-0.736
217-63 (IPV53)	Az.	109°54'10"	0.472 sec	-0.165 sec	-0.727
	ΔHt.	-38.059 sft	0.007 sft	-0.009 sft	-0.299
	Ellip Dist.	16212.354 sft	0.036 sft	0.001 sft	0.057
1-14 (IPV1)	Az.	177°42'04"	0.061 sec	0.362 sec	0.725
	ΔHt.	80.351 sft	0.005 sft	-0.011 sft	-0.377
	Ellip Dist.	10571.079 sft	0.003 sft	0.008 sft	0.306
43-211 (IPV133)	Az.	252°34'38"	0.513 sec	0.155 sec	0.713
	ΔHt.	35.532 sft	0.006 sft	0.001 sft	0.024
	Ellip Dist.	15275.193 sft	0.038 sft	-0.005 sft	-0.294
50-214 (IPV143)	Az.	253°14'41"	0.334 sec	-0.219 sec	-0.703
	ΔHt.	-2.181 sft	0.007 sft	0.015 sft	0.437
	Ellip Dist.	17950.535 sft	0.028 sft	-0.008 sft	-0.360
201-2 (IPV26)	Az.	268°58'35"	2.311 sec	0.564 sec	0.695
	ΔHt.	-53.921 sft	0.001 sft	-0.017 sft	-0.613

	Ellip Dist.	3685.365 sft	0.040 sft	0.006 sft	0.385
56-63 (IPV155)	Az.	179°27'22"	0.812 sec	-0.009 sec	-0.030
	ΔHt.	-36.062 sft	0.005 sft	-0.023 sft	-0.693
	Ellip Dist.	10690.063 sft	0.046 sft	0.010 sft	0.567
220-53 (IPV64)	Az.	284°35'55"	0.672 sec	-0.173 sec	-0.548
	ΔHt.	-67.447 sft	0.005 sft	-0.018 sft	-0.691
	Ellip Dist.	11273.285 sft	0.036 sft	0.008 sft	0.448
73-78 (IPV182)	Az.	181°11'26"	0.778 sec	0.203 sec	0.691
	ΔHt.	46.039 sft	0.005 sft	-0.003 sft	-0.101
	Ellip Dist.	10412.688 sft	0.040 sft	-0.007 sft	-0.474
38-236 (IPV120)	Az.	298°14'23"	2.545 sec	-0.255 sec	-0.200
	ΔHt.	-17.356 sft	0.001 sft	0.007 sft	0.259
	Ellip Dist.	2847.256 sft	0.035 sft	-0.012 sft	-0.684
60-50 (IPV161)	Az.	0°38'30"	0.351 sec	-0.074 sec	-0.442
	ΔHt.	76.398 sft	0.010 sft	-0.019 sft	-0.682
	Ellip Dist.	21369.315 sft	0.037 sft	0.006 sft	0.345
201-16 (IPV25)	Az.	159°58'09"	0.418 sec	0.021 sec	0.088
	ΔHt.	-121.520 sft	0.009 sft	0.028 sft	0.677
	Ellip Dist.	20471.296 sft	0.042 sft	0.016 sft	0.681
52-220 (IPV147)	Az.	261°49'52"	0.466 sec	0.020 sec	0.095
	ΔHt.	111.047 sft	0.007 sft	0.023 sft	0.675
	Ellip Dist.	17937.149 sft	0.039 sft	0.000 sft	-0.024
227-37 (IPV80)	Az.	107°58'02"	0.993 sec	0.254 sec	0.665
	ΔHt.	5.586 sft	0.003 sft	0.002 sft	0.055
	Ellip Dist.	8328.010 sft	0.040 sft	-0.006 sft	-0.378

67-66 (IPV171)	Az.	270°43'10"	0.526 sec	0.142 sec	0.665
	ΔHt.	-75.313 sft	0.006 sft	0.006 sft	0.194
	Ellip Dist.	15797.349 sft	0.039 sft	-0.002 sft	-0.150
31-38 (IPV114)	Az.	182°31'50"	0.626 sec	0.212 sec	0.658
	ΔHt.	-50.219 sft	0.005 sft	0.008 sft	0.280
	Ellip Dist.	11441.910 sft	0.035 sft	-0.008 sft	-0.423
72-73 (IPV180)	Az.	179°20'39"	0.803 sec	0.026 sec	0.092
	ΔHt.	-69.289 sft	0.005 sft	0.003 sft	0.111
	Ellip Dist.	10586.440 sft	0.042 sft	0.010 sft	0.656
56-53 (IPV154)	Az.	11°29'16"	0.771 sec	-0.063 sec	-0.222
	ΔHt.	-102.965 sft	0.005 sft	0.007 sft	0.218
	Ellip Dist.	11373.999 sft	0.046 sft	0.012 sft	0.655
231-84 (IPV92)	Az.	325°27'06"	1.936 sec	0.410 sec	0.652
	ΔHt.	-4.642 sft	0.002 sft	-0.015 sft	-0.585
	Ellip Dist.	4420.386 sft	0.042 sft	-0.001 sft	-0.052
31-236 (IPV113)	Az.	196°38'20"	0.713 sec	0.015 sec	0.045
	ΔHt.	-67.575 sft	0.005 sft	0.019 sft	0.650
	Ellip Dist.	10524.155 sft	0.037 sft	0.001 sft	0.068
85-71 (IPV197)	Az.	180°37'34"	0.807 sec	-0.174 sec	-0.649
	ΔHt.	-7.032 sft	0.005 sft	0.008 sft	0.277
	Ellip Dist.	10861.855 sft	0.044 sft	-0.004 sft	-0.290
63-216 (IPV166)	Az.	70°41'51"	0.485 sec	0.021 sec	0.093
	ΔHt.	-25.671 sft	0.006 sft	0.018 sft	0.649
	Ellip Dist.	15869.032 sft	0.037 sft	0.004 sft	0.210

57-215 (IPV156)	Az.	109°40'11"	0.530 sec	-0.074 sec	-0.301
	ΔHt.	-87.962 sft	0.007 sft	0.002 sft	0.052
	Ellip Dist.	15957.149 sft	0.040 sft	0.012 sft	0.649
85-58 (IPV196)	Az.	0°47'24"	0.835 sec	-0.177 sec	-0.647
	ΔHt.	-4.070 sft	0.005 sft	-0.010 sft	-0.319
	Ellip Dist.	10445.853 sft	0.043 sft	-0.004 sft	-0.269
223-224 (IPV69)	Az.	193°11'16"	0.607 sec	0.168 sec	0.644
	ΔHt.	20.949 sft	0.006 sft	0.011 sft	0.361
	Ellip Dist.	12763.293 sft	0.038 sft	-0.001 sft	-0.070
7-18 (IPV174)	Az.	170°51'12"	0.373 sec	0.041 sec	0.260
	ΔHt.	-61.854 sft	0.010 sft	0.004 sft	0.148
	Ellip Dist.	21356.643 sft	0.041 sft	-0.011 sft	-0.642
211-92 (IPV44)	Az.	299°16'17"	0.760 sec	-0.078 sec	-0.232
	ΔHt.	12.528 sft	0.004 sft	0.019 sft	0.637
	Ellip Dist.	10585.759 sft	0.038 sft	0.002 sft	0.102
220-221 (IPV63)	Az.	284°31'03"	0.262 sec	0.046 sec	0.294
	ΔHt.	14.010 sft	0.012 sft	0.021 sft	0.632
	Ellip Dist.	28600.882 sft	0.035 sft	0.013 sft	0.636
83-236 (IPV195)	Az.	86°52'30"	0.613 sec	-0.164 sec	-0.633
	ΔHt.	-26.190 sft	0.005 sft	-0.005 sft	-0.194
	Ellip Dist.	13029.425 sft	0.038 sft	-0.007 sft	-0.449
67-68 (IPV172)	Az.	89°17'00"	0.553 sec	0.137 sec	0.616
	ΔHt.	-31.190 sft	0.006 sft	0.000 sft	-0.007
	Ellip Dist.	15572.592 sft	0.041 sft	0.001 sft	0.061
51-58 (IPV145)	Az.	178°58'48"	0.774 sec	-0.093 sec	-0.286

	ΔHt.	-8.471 sft	0.005 sft	0.023 sft	0.616
	Ellip Dist.	10778.305 sft	0.041 sft	0.007 sft	0.371
229-230 (IPV84)	Az.	149°14'09"	0.843 sec	0.223 sec	0.601
	ΔHt.	-92.586 sft	0.004 sft	0.010 sft	0.389
	Ellip Dist.	9219.529 sft	0.038 sft	-0.006 sft	-0.354
48-61 (IPV140)	Az.	110°21'31"	1.182 sec	0.129 sec	0.279
	ΔHt.	-14.584 sft	0.003 sft	0.016 sft	0.597
	Ellip Dist.	6905.830 sft	0.039 sft	-0.004 sft	-0.277
43-46 (IPV136)	Az.	181°03'13"	0.832 sec	-0.068 sec	-0.242
	ΔHt.	-74.490 sft	0.005 sft	0.015 sft	0.595
	Ellip Dist.	10226.434 sft	0.042 sft	-0.004 sft	-0.286
41-213 (IPV129)	Az.	109°52'03"	0.490 sec	0.001 sec	0.003
	ΔHt.	31.610 sft	0.007 sft	0.017 sft	0.590
	Ellip Dist.	16247.864 sft	0.037 sft	0.003 sft	0.142
17-204 (IPV15)	Az.	60°33'10"	0.416 sec	0.156 sec	0.585
	ΔHt.	46.949 sft	0.006 sft	-0.008 sft	-0.325
	Ellip Dist.	15139.456 sft	0.030 sft	0.011 sft	0.538
223-27 (IPV70)	Az.	119°28'35"	0.834 sec	-0.121 sec	-0.326
	ΔHt.	-0.926 sft	0.004 sft	0.007 sft	0.251
	Ellip Dist.	9450.714 sft	0.037 sft	-0.010 sft	-0.583
213-214 (IPV47)	Az.	182°55'06"	0.343 sec	0.044 sec	0.238
	ΔHt.	-41.766 sft	0.009 sft	0.017 sft	0.576
	Ellip Dist.	21218.683 sft	0.038 sft	-0.001 sft	-0.046
225-27 (IPV74)	Az.	243°12'36"	1.294 sec	-0.139 sec	-0.258
	ΔHt.	-77.537 sft	0.002 sft	0.015 sft	0.569

	Ellip Dist.	6069.507 sft	0.038 sft	0.009 sft	0.551
54-221 (IPV151)	Az.	76°38'15"	0.346 sec	0.030 sec	0.140
	ΔHt.	57.145 sft	0.008 sft	0.015 sft	0.556
	Ellip Dist.	18800.313 sft	0.031 sft	0.004 sft	0.190
62-69 (IPV165)	Az.	194°37'44"	0.855 sec	-0.038 sec	-0.114
	ΔHt.	28.322 sft	0.005 sft	-0.008 sft	-0.131
	Ellip Dist.	10802.079 sft	0.046 sft	-0.011 sft	-0.552
218-71 (IPV55)	Az.	254°03'06"	0.470 sec	0.121 sec	0.550
	ΔHt.	-35.419 sft	0.007 sft	-0.013 sft	-0.448
	Ellip Dist.	16451.835 sft	0.037 sft	0.003 sft	0.159
106-42 (IPV7)	Az.	194°57'57"	0.595 sec	0.122 sec	0.407
	ΔHt.	7.763 sft	0.005 sft	0.011 sft	0.401
	Ellip Dist.	12220.936 sft	0.036 sft	0.010 sft	0.547
51-214 (IPV144)	Az.	110°13'54"	0.506 sec	0.125 sec	0.545
	ΔHt.	65.722 sft	0.006 sft	-0.013 sft	-0.490
	Ellip Dist.	15684.516 sft	0.037 sft	0.001 sft	0.052
7-8 (IPV175)	Az.	89°57'45"	0.571 sec	0.155 sec	0.520
	ΔHt.	-144.139 sft	0.007 sft	0.014 sft	0.326
	Ellip Dist.	16672.039 sft	0.042 sft	0.005 sft	0.256
54-55 (IPV152)	Az.	171°39'15"	0.061 sec	0.032 sec	0.070
	ΔHt.	27.123 sft	0.005 sft	-0.007 sft	-0.234
	Ellip Dist.	11299.057 sft	0.003 sft	-0.013 sft	-0.513
230-83 (IPV88)	Az.	109°23'07"	3.607 sec	-0.080 sec	-0.051
	ΔHt.	41.282 sft	0.001 sft	0.004 sft	0.158
	Ellip Dist.	2139.940 sft	0.037 sft	-0.008 sft	-0.503

61-84 (IPV163)	Az.	193°38'31"	1.587 sec	0.247 sec	0.478
	ΔHt.	-41.381 sft	0.002 sft	0.013 sft	0.476
	Ellip Dist.	5377.091 sft	0.042 sft	0.006 sft	0.461
106-104 (IPV6)	Az.	75°06'48"	1.473 sec	0.038 sec	0.059
	ΔHt.	24.767 sft	0.002 sft	0.013 sft	0.453
	Ellip Dist.	5328.012 sft	0.038 sft	-0.008 sft	-0.475
17-22 (IPV17)	Az.	187°24'29"	0.846 sec	-0.145 sec	-0.391
	ΔHt.	91.752 sft	0.004 sft	-0.012 sft	-0.448
	Ellip Dist.	9062.862 sft	0.038 sft	-0.002 sft	-0.114
231-235 (IPV90)	Az.	139°10'10"	0.937 sec	0.169 sec	0.439
	ΔHt.	26.021 sft	0.004 sft	-0.010 sft	-0.267
	Ellip Dist.	9176.163 sft	0.041 sft	-0.004 sft	-0.258
28-207 (IPV106)	Az.	260°32'07"	0.610 sec	0.097 sec	0.371
	ΔHt.	-23.327 sft	0.005 sft	0.002 sft	0.070
	Ellip Dist.	12928.996 sft	0.038 sft	-0.007 sft	-0.435
228-106 (IPV81)	Az.	182°17'59"	1.244 sec	0.277 sec	0.418
	ΔHt.	-43.432 sft	0.003 sft	0.008 sft	0.260
	Ellip Dist.	5747.775 sft	0.035 sft	0.003 sft	0.167
235-51 (IPV100)	Az.	126°57'47"	0.984 sec	0.151 sec	0.398
	ΔHt.	-9.956 sft	0.004 sft	-0.011 sft	-0.344
	Ellip Dist.	8657.826 sft	0.040 sft	-0.005 sft	-0.359
20-29 (IPV24)	Az.	182°48'35"	0.061 sec	-0.100 sec	-0.177
	ΔHt.	5.673 sft	0.004 sft	0.010 sft	0.375
	Ellip Dist.	9212.410 sft	0.003 sft	-0.002 sft	-0.074

228-227 (IPV82)	Az.	244°33'52"	0.460 sec	0.003 sec	0.009
	ΔHt.	-126.613 sft	0.005 sft	0.006 sft	0.199
	Ellip Dist.	11770.557 sft	0.026 sft	0.008 sft	0.363
228-229 (IPV83)	Az.	74°47'16"	1.151 sec	-0.190 sec	-0.359
	ΔHt.	1.632 sft	0.003 sft	0.006 sft	0.232
	Ellip Dist.	6660.720 sft	0.037 sft	0.000 sft	0.012
212-232 (IPV45)	Az.	70°39'02"	0.873 sec	0.032 sec	0.073
	ΔHt.	-5.634 sft	0.003 sft	0.010 sft	0.349
	Ellip Dist.	8473.650 sft	0.036 sft	0.000 sft	-0.011
17-204 (IPV16)	Az.	60°33'10"	0.416 sec	-0.040 sec	-0.142
	ΔHt.	46.949 sft	0.006 sft	-0.009 sft	-0.328
	Ellip Dist.	15139.456 sft	0.030 sft	0.004 sft	0.204
217-66 (IPV54)	Az.	182°41'05"	0.459 sec	0.039 sec	0.166
	ΔHt.	-108.395 sft	0.007 sft	-0.006 sft	-0.179
	Ellip Dist.	15938.555 sft	0.037 sft	-0.006 sft	-0.313
40-213 (IPV125)	Az.	251°44'27"	0.429 sec	0.050 sec	0.214
	ΔHt.	-1.965 sft	0.007 sft	0.006 sft	0.227
	Ellip Dist.	16813.009 sft	0.033 sft	0.006 sft	0.307
86-231 (IPV198)	Az.	276°46'01"	0.583 sec	-0.077 sec	-0.292
	ΔHt.	-13.548 sft	0.005 sft	-0.008 sft	-0.305
	Ellip Dist.	13076.719 sft	0.036 sft	0.001 sft	0.072
227-228 (IPV78)	Az.	64°32'19"	0.460 sec	0.034 sec	0.089
	ΔHt.	126.613 sft	0.005 sft	0.007 sft	0.276
	Ellip Dist.	11770.557 sft	0.026 sft	-0.005 sft	-0.243
103-228 (IPV3)	Az.	102°00'41"	1.387 sec	0.078 sec	0.127

	ΔHt.	-9.276 sft	0.002 sft	0.006 sft	0.235
	Ellip Dist.	5617.613 sft	0.037 sft	-0.002 sft	-0.141
227-36 (IPV79)	Az.	266°41'39"	0.318 sec	-0.031 sec	-0.205
	ΔHt.	54.106 sft	0.010 sft	0.006 sft	0.225
	Ellip Dist.	24561.592 sft	0.037 sft	0.004 sft	0.231
234-61 (IPV98)	Az.	225°55'29"	3.628 sec	0.040 sec	0.028
	ΔHt.	30.263 sft	0.032 sft	-0.003 sft	-0.137
	Ellip Dist.	2261.494 sft	0.040 sft	0.004 sft	0.225
104-230 (IPV4)	Az.	106°07'27"	1.143 sec	0.116 sec	0.209
	ΔHt.	-72.290 sft	0.003 sft	0.002 sft	0.059
	Ellip Dist.	6481.381 sft	0.036 sft	-0.002 sft	-0.131
232-233 (IPV94)	Az.	171°06'04"	2.757 sec	-0.081 sec	-0.055
	ΔHt.	5.845 sft	0.034 sft	-0.001 sft	-0.036
	Ellip Dist.	2547.802 sft	0.035 sft	-0.004 sft	-0.208
44-45 (IPV137)	Az.	180°30'59"	0.061 sec	0.096 sec	0.194
	ΔHt.	-56.786 sft	0.005 sft	0.003 sft	0.127
	Ellip Dist.	10554.223 sft	0.003 sft	-0.004 sft	-0.170
227-103 (IPV77)	Az.	39°29'29"	0.954 sec	-0.030 sec	-0.070
	ΔHt.	135.889 sft	0.003 sft	-0.001 sft	-0.054
	Ellip Dist.	8070.374 sft	0.038 sft	-0.003 sft	-0.183
18-21 (IPV19)	Az.	182°17'55"	0.660 sec	0.045 sec	0.126
	ΔHt.	19.661 sft	0.005 sft	0.005 sft	0.174
	Ellip Dist.	10901.945 sft	0.036 sft	-0.003 sft	-0.177

Covariance Terms

From Point	To Point		Components	A-posteriori Error	Horiz. Precision (Ratio)	3D Precision (Ratio)
1	14	Az.	177°42'04"	0.000 sec	1 : 0	1 : 0
		ΔHt.	80.352 sft	0.000 sft		
		ΔElev.	80.550 sft	0.000 sft		
		Ellip Dist.	10571.081 sft	0.000 sft		
1	2	Az.	89°45'58"	0.511 sec	1 : 428105	1 : 428167
		ΔHt.	25.186 sft	0.000 sft		
		ΔElev.	25.490 sft	0.000 sft		
		Ellip Dist.	15846.818 sft	0.037 sft		
10	19	Az.	176°31'29"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-22.078 sft	0.000 sft		
		ΔElev.	-22.060 sft	0.000 sft		
		Ellip Dist.	8891.654 sft	0.000 sft		
10	205	Az.	256°11'52"	0.361 sec	1 : 583008	1 : 583426
		ΔHt.	96.046 sft	0.000 sft		
		ΔElev.	96.010 sft	0.000 sft		
		Ellip Dist.	17541.391 sft	0.030 sft		
10	9	Az.	0°51'36"	0.000 sec	1 : 0	1 : 0
		ΔHt.	3.480 sft	0.000 sft		
		ΔElev.	3.420 sft	0.000 sft		
		Ellip Dist.	11884.479 sft	0.000 sft		
103	227	Az.	219°30'14"	0.953 sec	1 : 214033	1 : 214150
		ΔHt.	-135.889 sft	0.000 sft		
		ΔElev.	-135.870 sft	0.000 sft		
		Ellip Dist.	8070.375 sft	0.038 sft		
103	228	Az.	102°00'41"	1.388 sec	1 : 151077	1 : 151088

		ΔHt.	-9.275 sft	0.000 sft		
		ΔElev.	-9.250 sft	0.000 sft		
		Ellip Dist.	5617.614 sft	0.037 sft		
104	106	Az.	255°07'34"	1.472 sec	1 : 140372	1 : 140433
		ΔHt.	-24.767 sft	0.000 sft		
		ΔElev.	-24.780 sft	0.000 sft		
		Ellip Dist.	5328.012 sft	0.038 sft		
104	230	Az.	106°07'27"	1.144 sec	1 : 182843	1 : 182886
		ΔHt.	-72.289 sft	0.000 sft		
		ΔElev.	-72.260 sft	0.000 sft		
		Ellip Dist.	6481.382 sft	0.035 sft		
104	48	Az.	164°16'38"	0.640 sec	1 : 321589	1 : 321498
		ΔHt.	-82.716 sft	0.000 sft		
		ΔElev.	-82.660 sft	0.000 sft		
		Ellip Dist.	11411.203 sft	0.035 sft		
106	228	Az.	2°17'57"	1.240 sec	1 : 163139	1 : 163114
		ΔHt.	43.431 sft	0.000 sft		
		ΔElev.	43.400 sft	0.000 sft		
		Ellip Dist.	5747.776 sft	0.035 sft		
106	37	Az.	232°44'43"	2.669 sec	1 : 77416	1 : 77504
		ΔHt.	-77.595 sft	0.000 sft		
		ΔElev.	-77.590 sft	0.000 sft		
		Ellip Dist.	3113.558 sft	0.040 sft		
106	42	Az.	194°57'57"	0.594 sec	1 : 341563	1 : 341560
		ΔHt.	7.765 sft	0.000 sft		
		ΔElev.	7.800 sft	0.000 sft		
		Ellip Dist.	12220.938 sft	0.036 sft		

12	17	Az.	185°52'27"	0.716 sec	1 : 278549	1 : 278488
		ΔHt.	-79.762 sft	0.000 sft		
		ΔElev.	-79.680 sft	0.000 sft		
		Ellip Dist.	12066.790 sft	0.043 sft		
12	5	Az.	344°18'31"	0.808 sec	1 : 252639	1 : 252523
		ΔHt.	-18.589 sft	0.000 sft		
		ΔElev.	-18.700 sft	0.000 sft		
		Ellip Dist.	10676.695 sft	0.042 sft		
13	16	Az.	197°24'01"	1.001 sec	1 : 191682	1 : 191664
		ΔHt.	-7.739 sft	0.000 sft		
		ΔElev.	-7.670 sft	0.000 sft		
		Ellip Dist.	9064.476 sft	0.047 sft		
13	3	Az.	13°57'52"	0.841 sec	1 : 227313	1 : 227252
		ΔHt.	48.494 sft	0.000 sft		
		ΔElev.	48.400 sft	0.000 sft		
		Ellip Dist.	10932.502 sft	0.048 sft		
14	202	Az.	92°45'27"	0.608 sec	1 : 349904	1 : 349774
		ΔHt.	-111.993 sft	0.000 sft		
		ΔElev.	-111.750 sft	0.000 sft		
		Ellip Dist.	12780.637 sft	0.037 sft		
14	95	Az.	208°15'37"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-125.581 sft	0.000 sft		
		ΔElev.	-125.490 sft	0.000 sft		
		Ellip Dist.	10441.267 sft	0.000 sft		
16	201	Az.	339°59'11"	0.419 sec	1 : 485409	1 : 484794
		ΔHt.	121.516 sft	0.000 sft		
		ΔElev.	121.120 sft	0.000 sft		
		Ellip	20471.299	0.042 sft		

		Dist.	sft			
16	202	Az.	300°41'44"	0.521 sec	1 : 370930	1 : 370874
		ΔHt.	10.768 sft	0.000 sft		
		ΔElev.	10.440 sft	0.000 sft		
		Ellip Dist.	15537.415 sft	0.042 sft		
16	203	Az.	61°56'51"	0.474 sec	1 : 425615	1 : 426222
		ΔHt.	87.554 sft	0.000 sft		
		ΔElev.	87.680 sft	0.000 sft		
		Ellip Dist.	18031.516 sft	0.042 sft		
16	23	Az.	160°55'58"	0.494 sec	1 : 413970	1 : 413891
		ΔHt.	-18.460 sft	0.000 sft		
		ΔElev.	-18.230 sft	0.000 sft		
		Ellip Dist.	16079.195 sft	0.039 sft		
17	203	Az.	298°19'41"	0.336 sec	1 : 644599	1 : 644282
		ΔHt.	95.136 sft	0.000 sft		
		ΔElev.	94.810 sft	0.000 sft		
		Ellip Dist.	25322.778 sft	0.039 sft		
17	204	Az.	60°33'10"	0.417 sec	1 : 497370	1 : 497692
		ΔHt.	46.950 sft	0.000 sft		
		ΔElev.	46.990 sft	0.000 sft		
		Ellip Dist.	15139.458 sft	0.030 sft		
17	22	Az.	187°24'29"	0.843 sec	1 : 240174	1 : 240175
		ΔHt.	91.753 sft	0.000 sft		
		ΔElev.	91.790 sft	0.000 sft		
		Ellip Dist.	9062.863 sft	0.038 sft		
18	204	Az.	290°18'40"	0.422 sec	1 : 517578	1 : 517313
		ΔHt.	-24.857 sft	0.000 sft		
		ΔElev.	-24.970 sft	0.000 sft		

		Ellip Dist.	18771.813 sft	0.036 sft		
18	205	Az.	70°09'19"	0.405 sec	1 : 521320	1 : 521646
		ΔHt.	24.876 sft	0.000 sft		
		ΔElev.	24.920 sft	0.000 sft		
		Ellip Dist.	14972.905 sft	0.029 sft		
18	21	Az.	182°17'55"	0.657 sec	1 : 307225	1 : 307085
		ΔHt.	19.663 sft	0.000 sft		
		ΔElev.	19.690 sft	0.000 sft		
		Ellip Dist.	10901.946 sft	0.035 sft		
18	7	Az.	350°51'42"	0.375 sec	1 : 519110	1 : 518924
		ΔHt.	61.851 sft	0.000 sft		
		ΔElev.	61.720 sft	0.000 sft		
		Ellip Dist.	21356.646 sft	0.041 sft		
19	20	Az.	181°34'17"	0.000 sec	1 : 0	1 : 0
		ΔHt.	114.278 sft	0.000 sft		
		ΔElev.	114.300 sft	0.000 sft		
		Ellip Dist.	12493.514 sft	0.000 sft		
2	201	Az.	88°58'02"	2.310 sec	1 : 91798	1 : 91826
		ΔHt.	53.922 sft	0.000 sft		
		ΔElev.	53.990 sft	0.000 sft		
		Ellip Dist.	3685.365 sft	0.040 sft		
2	202	Az.	193°20'08"	0.679 sec	1 : 293795	1 : 293992
		ΔHt.	-56.826 sft	0.000 sft		
		ΔElev.	-56.690 sft	0.000 sft		
		Ellip Dist.	11551.527 sft	0.039 sft		
20	222	Az.	281°23'53"	0.444 sec	1 : 485923	1 : 486523
		ΔHt.	24.790 sft	0.000 sft		

		ΔElev.	24.750 sft	0.000 sft		
		Ellip Dist.	15185.239 sft	0.031 sft		
20	29	Az.	182°48'35"	0.000 sec	1 : 0	1 : 0
		ΔHt.	5.675 sft	0.000 sft		
		ΔElev.	5.700 sft	0.000 sft		
		Ellip Dist.	9212.411 sft	0.000 sft		
201	3	Az.	89°52'07"	0.789 sec	1 : 278042	1 : 278369
		ΔHt.	-65.283 sft	0.000 sft		
		ΔElev.	-65.050 sft	0.000 sft		
		Ellip Dist.	12352.839 sft	0.044 sft		
203	4	Az.	24°40'13"	0.643 sec	1 : 306845	1 : 306717
		ΔHt.	19.342 sft	0.000 sft		
		ΔElev.	19.280 sft	0.000 sft		
		Ellip Dist.	12953.037 sft	0.042 sft		
204	94	Az.	204°22'35"	0.357 sec	1 : 556472	1 : 556731
		ΔHt.	2.538 sft	0.000 sft		
		ΔElev.	2.580 sft	0.000 sft		
		Ellip Dist.	19179.992 sft	0.034 sft		
205	222	Az.	170°33'50"	0.497 sec	1 : 414356	1 : 413977
		ΔHt.	20.944 sft	0.000 sft		
		ΔElev.	20.980 sft	0.000 sft		
		Ellip Dist.	14371.107 sft	0.035 sft		
205	8	Az.	357°09'41"	0.461 sec	1 : 415071	1 : 415111
		ΔHt.	-107.161 sft	0.000 sft		
		ΔElev.	-107.230 sft	0.000 sft		
		Ellip Dist.	16031.317 sft	0.039 sft		
206	222	Az.	353°21'23"	0.433 sec	1 : 453990	1 : 453485

		ΔHt.	56.628 sft	0.000 sft		
		ΔElev.	56.570 sft	0.000 sft		
		Ellip Dist.	17576.802 sft	0.039 sft		
206	28	Az.	286°56'18"	0.404 sec	1 : 539071	1 : 538900
		ΔHt.	50.938 sft	0.000 sft		
		ΔElev.	50.860 sft	0.000 sft		
		Ellip Dist.	19858.273 sft	0.037 sft		
206	29	Az.	67°00'32"	0.533 sec	1 : 392272	1 : 392736
		ΔHt.	37.513 sft	0.000 sft		
		ΔElev.	37.520 sft	0.000 sft		
		Ellip Dist.	13477.957 sft	0.034 sft		
207	225	Az.	289°21'38"	0.556 sec	1 : 378766	1 : 378679
		ΔHt.	20.075 sft	0.000 sft		
		ΔElev.	20.000 sft	0.000 sft		
		Ellip Dist.	14010.835 sft	0.037 sft		
207	28	Az.	80°30'15"	0.607 sec	1 : 346451	1 : 346535
		ΔHt.	23.328 sft	0.000 sft		
		ΔElev.	23.360 sft	0.000 sft		
		Ellip Dist.	12928.998 sft	0.037 sft		
207	83	Az.	188°03'45"	0.396 sec	1 : 503781	1 : 503826
		ΔHt.	-65.162 sft	0.000 sft		
		ΔElev.	-65.090 sft	0.000 sft		
		Ellip Dist.	19463.092 sft	0.039 sft		
208	223	Az.	61°13'39"	0.950 sec	1 : 217351	1 : 217411
		ΔHt.	-5.410 sft	0.000 sft		
		ΔElev.	-5.380 sft	0.000 sft		
		Ellip Dist.	8937.259 sft	0.041 sft		

208	23	Az.	296°56'33"	0.494 sec	1 : 429531	1 : 429471
		ΔHt.	-48.357 sft	0.000 sft		
		ΔElev.	-48.570 sft	0.000 sft		
		Ellip Dist.	17792.207 sft	0.041 sft		
209	210	Az.	183°22'16"	0.350 sec	1 : 571992	1 : 572059
		ΔHt.	28.380 sft	0.000 sft		
		ΔElev.	28.540 sft	0.000 sft		
		Ellip Dist.	19100.855 sft	0.033 sft		
209	23	Az.	80°45'21"	0.448 sec	1 : 468331	1 : 468347
		ΔHt.	-19.856 sft	0.000 sft		
		ΔElev.	-19.660 sft	0.000 sft		
		Ellip Dist.	16676.911 sft	0.036 sft		
209	24	Az.	287°14'07"	0.336 sec	1 : 626665	1 : 626160
		ΔHt.	17.228 sft	0.000 sft		
		ΔElev.	16.950 sft	0.000 sft		
		Ellip Dist.	16028.006 sft	0.026 sft		
209	25	Az.	250°18'14"	0.328 sec	1 : 656109	1 : 656258
		ΔHt.	132.223 sft	0.000 sft		
		ΔElev.	132.050 sft	0.000 sft		
		Ellip Dist.	16582.054 sft	0.025 sft		
21	222	Az.	83°54'41"	0.420 sec	1 : 493537	1 : 494070
		ΔHt.	26.157 sft	0.000 sft		
		ΔElev.	26.210 sft	0.000 sft		
		Ellip Dist.	16981.348 sft	0.034 sft		
21	28	Az.	180°23'45"	0.736 sec	1 : 272889	1 : 272845
		ΔHt.	20.467 sft	0.000 sft		
		ΔElev.	20.500 sft	0.000 sft		
		Ellip	9886.021 sft	0.036 sft		

		Dist.				
21	94	Az.	269°52'24"	0.258 sec	1 : 819952	1 : 820441
		ΔHt.	-41.982 sft	0.000 sft		
		ΔElev.	-42.080 sft	0.000 sft		
		Ellip Dist.	25096.679 sft	0.031 sft		
210	34	Az.	280°41'05"	0.412 sec	1 : 511788	1 : 511757
		ΔHt.	18.314 sft	0.000 sft		
		ΔElev.	18.100 sft	0.000 sft		
		Ellip Dist.	15049.767 sft	0.029 sft		
210	36	Az.	113°24'57"	0.414 sec	1 : 518102	1 : 517882
		ΔHt.	-36.755 sft	0.000 sft		
		ΔElev.	-36.500 sft	0.000 sft		
		Ellip Dist.	18712.963 sft	0.036 sft		
210	92	Az.	200°35'49"	0.387 sec	1 : 523009	1 : 522964
		ΔHt.	64.415 sft	0.000 sft		
		ΔElev.	64.490 sft	0.000 sft		
		Ellip Dist.	18920.609 sft	0.036 sft		
211	221	Az.	175°22'38"	0.627 sec	1 : 325758	1 : 325635
		ΔHt.	-49.084 sft	0.000 sft		
		ΔElev.	-48.980 sft	0.000 sft		
		Ellip Dist.	12101.443 sft	0.037 sft		
211	43	Az.	72°32'30"	0.511 sec	1 : 399651	1 : 399812
		ΔHt.	-35.531 sft	0.000 sft		
		ΔElev.	-35.430 sft	0.000 sft		
		Ellip Dist.	15275.196 sft	0.038 sft		
211	92	Az.	299°16'17"	0.756 sec	1 : 279975	1 : 280069
		ΔHt.	12.526 sft	0.000 sft		
		ΔElev.	12.380 sft	0.000 sft		

		Ellip Dist.	10585.761 sft	0.038 sft		
212	232	Az.	70°39'02"	0.872 sec	1 : 238155	1 : 238270
		ΔHt.	-5.634 sft	0.000 sft		
		ΔElev.	-5.610 sft	0.000 sft		
		Ellip Dist.	8473.651 sft	0.036 sft		
212	233	Az.	88°00'59"	0.924 sec	1 : 228554	1 : 228648
		ΔHt.	0.212 sft	0.034 sft		
		ΔElev.	0.248 sft	0.034 sft		
		Ellip Dist.	8395.023 sft	0.037 sft		
212	43	Az.	280°34'44"	0.508 sec	1 : 411238	1 : 411449
		ΔHt.	5.720 sft	0.000 sft		
		ΔElev.	5.590 sft	0.000 sft		
		Ellip Dist.	16570.212 sft	0.040 sft		
213	214	Az.	182°55'06"	0.340 sec	1 : 565655	1 : 565755
		ΔHt.	-41.763 sft	0.000 sft		
		ΔElev.	-41.650 sft	0.000 sft		
		Ellip Dist.	21218.686 sft	0.038 sft		
213	40	Az.	71°42'07"	0.426 sec	1 : 507338	1 : 507699
		ΔHt.	1.967 sft	0.000 sft		
		ΔElev.	1.960 sft	0.000 sft		
		Ellip Dist.	16813.012 sft	0.033 sft		
213	41	Az.	289°54'17"	0.488 sec	1 : 437909	1 : 437424
		ΔHt.	-31.613 sft	0.000 sft		
		ΔElev.	-31.680 sft	0.000 sft		
		Ellip Dist.	16247.866 sft	0.037 sft		
214	50	Az.	73°12'11"	0.333 sec	1 : 647521	1 : 648096
		ΔHt.	2.183 sft	0.000 sft		

		ΔElev.	2.160 sft	0.000 sft		
		Ellip Dist.	17950.538 sft	0.028 sft		
214	51	Az.	290°16'03"	0.502 sec	1 : 426742	1 : 426548
		ΔHt.	-65.725 sft	0.000 sft		
		ΔElev.	-65.780 sft	0.000 sft		
		Ellip Dist.	15684.518 sft	0.037 sft		
214	88	Az.	176°02'59"	0.642 sec	1 : 317910	1 : 317880
		ΔHt.	6.173 sft	0.000 sft		
		ΔElev.	6.260 sft	0.000 sft		
		Ellip Dist.	12767.647 sft	0.040 sft		
215	231	Az.	7°14'20"	0.275 sec	1 : 733377	1 : 732857
		ΔHt.	0.224 sft	0.000 sft		
		ΔElev.	0.080 sft	0.000 sft		
		Ellip Dist.	28564.670 sft	0.039 sft		
215	57	Az.	289°42'22"	0.525 sec	1 : 408453	1 : 408888
		ΔHt.	87.959 sft	0.000 sft		
		ΔElev.	87.840 sft	0.000 sft		
		Ellip Dist.	15957.151 sft	0.039 sft		
215	58	Az.	72°03'12"	0.483 sec	1 : 422686	1 : 423243
		ΔHt.	7.823 sft	0.000 sft		
		ΔElev.	7.870 sft	0.000 sft		
		Ellip Dist.	17574.378 sft	0.042 sft		
215	70	Az.	177°14'10"	0.526 sec	1 : 392569	1 : 392068
		ΔHt.	94.213 sft	0.000 sft		
		ΔElev.	94.310 sft	0.000 sft		
		Ellip Dist.	15267.920 sft	0.039 sft		
216	220	Az.	352°09'45"	0.544 sec	1 : 369180	1 : 369080

		ΔHt.	26.212 sft	0.000 sft		
		ΔElev.	26.150 sft	0.000 sft		
		Ellip Dist.	13885.734 sft	0.038 sft		
216	57	Az.	72°01'06"	0.456 sec	1 : 444493	1 : 444870
		ΔHt.	8.203 sft	0.000 sft		
		ΔElev.	8.250 sft	0.000 sft		
		Ellip Dist.	17224.678 sft	0.039 sft		
216	63	Az.	250°44'02"	0.483 sec	1 : 435817	1 : 435999
		ΔHt.	25.669 sft	0.000 sft		
		ΔElev.	25.640 sft	0.000 sft		
		Ellip Dist.	15869.034 sft	0.036 sft		
216	68	Az.	178°35'46"	0.518 sec	1 : 385538	1 : 385450
		ΔHt.	-0.539 sft	0.000 sft		
		ΔElev.	-0.450 sft	0.000 sft		
		Ellip Dist.	15645.959 sft	0.041 sft		
217	221	Az.	1°41'41"	0.338 sec	1 : 586456	1 : 586224
		ΔHt.	-23.508 sft	0.000 sft		
		ΔElev.	-23.650 sft	0.000 sft		
		Ellip Dist.	20635.058 sft	0.035 sft		
217	63	Az.	109°54'11"	0.471 sec	1 : 451718	1 : 451526
		ΔHt.	-38.056 sft	0.000 sft		
		ΔElev.	-37.960 sft	0.000 sft		
		Ellip Dist.	16212.356 sft	0.036 sft		
217	64	Az.	251°36'30"	0.386 sec	1 : 541787	1 : 542142
		ΔHt.	-61.822 sft	0.000 sft		
		ΔElev.	-61.850 sft	0.000 sft		
		Ellip Dist.	17214.611 sft	0.032 sft		

217	66	Az.	182°41'05"	0.458 sec	1 : 429839	1 : 429744
		ΔHt.	-108.392 sft	0.000 sft		
		ΔElev.	-108.260 sft	0.000 sft		
		Ellip Dist.	15938.557 sft	0.037 sft		
218	219	Az.	180°07'33"	0.363 sec	1 : 562580	1 : 562663
		ΔHt.	18.823 sft	0.000 sft		
		ΔElev.	18.960 sft	0.000 sft		
		Ellip Dist.	19272.511 sft	0.034 sft		
218	60	Az.	69°32'55"	0.450 sec	1 : 460745	1 : 460806
		ΔHt.	-32.479 sft	0.000 sft		
		ΔElev.	-32.510 sft	0.000 sft		
		Ellip Dist.	17019.568 sft	0.037 sft		
218	71	Az.	254°03'06"	0.469 sec	1 : 444562	1 : 444745
		ΔHt.	-35.421 sft	0.000 sft		
		ΔElev.	-35.420 sft	0.000 sft		
		Ellip Dist.	16451.837 sft	0.037 sft		
218	88	Az.	359°10'53"	0.874 sec	1 : 233625	1 : 233614
		ΔHt.	47.905 sft	0.000 sft		
		ΔElev.	47.840 sft	0.000 sft		
		Ellip Dist.	9391.966 sft	0.040 sft		
219	73	Az.	75°50'23"	0.400 sec	1 : 526586	1 : 526585
		ΔHt.	-48.786 sft	0.000 sft		
		ΔElev.	-48.780 sft	0.000 sft		
		Ellip Dist.	16464.951 sft	0.031 sft		
219	74	Az.	286°44'43"	0.439 sec	1 : 479085	1 : 479169
		ΔHt.	-69.043 sft	0.000 sft		
		ΔElev.	-69.110 sft	0.000 sft		
		Ellip	15379.315	0.032 sft		

		Dist.	sft			
219	77	Az.	248°24'09"	0.329 sec	1 : 631032	1 : 631361
		ΔHt.	-91.579 sft	0.000 sft		
		ΔElev.	-91.590 sft	0.000 sft		
		Ellip Dist.	17219.848 sft	0.027 sft		
219	80	Az.	181°04'53"	0.339 sec	1 : 598056	1 : 598030
		ΔHt.	-64.420 sft	0.000 sft		
		ΔElev.	-64.290 sft	0.000 sft		
		Ellip Dist.	17087.315 sft	0.029 sft		
22	223	Az.	231°38'17"	0.757 sec	1 : 272264	1 : 272347
		ΔHt.	-59.683 sft	0.000 sft		
		ΔElev.	-59.700 sft	0.000 sft		
		Ellip Dist.	10366.215 sft	0.038 sft		
22	94	Az.	99°12'07"	1.094 sec	1 : 192085	1 : 192102
		ΔHt.	-42.266 sft	0.000 sft		
		ΔElev.	-42.220 sft	0.000 sft		
		Ellip Dist.	6529.879 sft	0.034 sft		
220	221	Az.	284°31'03"	0.261 sec	1 : 820182	1 : 820003
		ΔHt.	14.004 sft	0.000 sft		
		ΔElev.	13.800 sft	0.000 sft		
		Ellip Dist.	28600.887 sft	0.035 sft		
220	52	Az.	81°47'17"	0.463 sec	1 : 462430	1 : 462664
		ΔHt.	-111.044 sft	0.000 sft		
		ΔElev.	-110.980 sft	0.000 sft		
		Ellip Dist.	17937.152 sft	0.039 sft		
220	53	Az.	284°35'55"	0.672 sec	1 : 315644	1 : 315582
		ΔHt.	-67.449 sft	0.000 sft		
		ΔElev.	-67.510 sft	0.000 sft		

		Ellip Dist.	11273.287 sft	0.036 sft		
221	53	Az.	104°23'51"	0.429 sec	1 : 497062	1 : 496966
		ΔHt.	-81.453 sft	0.000 sft		
		ΔElev.	-81.310 sft	0.000 sft		
		Ellip Dist.	17327.618 sft	0.035 sft		
221	54	Az.	256°40'55"	0.340 sec	1 : 614563	1 : 614886
		ΔHt.	-57.147 sft	0.000 sft		
		ΔElev.	-57.250 sft	0.000 sft		
		Ellip Dist.	18800.316 sft	0.031 sft		
223	224	Az.	193°11'16"	0.605 sec	1 : 332689	1 : 332682
		ΔHt.	20.951 sft	0.000 sft		
		ΔElev.	21.010 sft	0.000 sft		
		Ellip Dist.	12763.295 sft	0.038 sft		
223	27	Az.	119°28'35"	0.833 sec	1 : 253964	1 : 253938
		ΔHt.	-0.924 sft	0.000 sft		
		ΔElev.	-0.850 sft	0.000 sft		
		Ellip Dist.	9450.716 sft	0.037 sft		
224	226	Az.	90°21'06"	0.658 sec	1 : 322692	1 : 322827
		ΔHt.	-25.509 sft	0.000 sft		
		ΔElev.	-25.450 sft	0.000 sft		
		Ellip Dist.	11959.181 sft	0.037 sft		
224	227	Az.	164°10'56"	0.624 sec	1 : 326719	1 : 326622
		ΔHt.	-106.519 sft	0.000 sft		
		ΔElev.	-106.430 sft	0.000 sft		
		Ellip Dist.	12027.428 sft	0.037 sft		
225	229	Az.	166°09'09"	0.487 sec	1 : 420117	1 : 419988
		ΔHt.	-33.935 sft	0.000 sft		

		ΔElev.	-33.850 sft	0.000 sft		
		Ellip Dist.	15735.931 sft	0.037 sft		
225	27	Az.	243°12'36"	1.291 sec	1 : 159164	1 : 159256
		ΔHt.	-77.538 sft	0.000 sft		
		ΔElev.	-77.550 sft	0.000 sft		
		Ellip Dist.	6069.508 sft	0.038 sft		
225	94	Az.	7°16'30"	0.917 sec	1 : 221279	1 : 221272
		ΔHt.	-59.196 sft	0.000 sft		
		ΔElev.	-59.220 sft	0.000 sft		
		Ellip Dist.	7364.704 sft	0.033 sft		
226	228	Az.	163°12'26"	1.127 sec	1 : 181740	1 : 181670
		ΔHt.	45.604 sft	0.000 sft		
		ΔElev.	45.640 sft	0.000 sft		
		Ellip Dist.	6724.671 sft	0.037 sft		
226	27	Az.	354°03'42"	1.024 sec	1 : 197291	1 : 197089
		ΔHt.	3.634 sft	0.000 sft		
		ΔElev.	3.590 sft	0.000 sft		
		Ellip Dist.	7893.859 sft	0.040 sft		
227	228	Az.	64°32'19"	0.460 sec	1 : 450074	1 : 450312
		ΔHt.	126.614 sft	0.000 sft		
		ΔElev.	126.620 sft	0.000 sft		
		Ellip Dist.	11770.559 sft	0.026 sft		
227	232	Az.	181°16'30"	0.595 sec	1 : 339142	1 : 339089
		ΔHt.	95.862 sft	0.000 sft		
		ΔElev.	95.910 sft	0.000 sft		
		Ellip Dist.	12527.592 sft	0.037 sft		
227	36	Az.	266°41'40"	0.314 sec	1 : 675772	1 : 675993

		ΔHt.	54.102 sft	0.000 sft		
		ΔElev.	53.930 sft	0.000 sft		
		Ellip Dist.	24561.596 sft	0.036 sft		
227	37	Az.	107°58'02"	0.994 sec	1 : 210584	1 : 210529
		ΔHt.	5.588 sft	0.000 sft		
		ΔElev.	5.630 sft	0.000 sft		
		Ellip Dist.	8328.011 sft	0.040 sft		
228	229	Az.	74°47'16"	1.148 sec	1 : 181226	1 : 181292
		ΔHt.	1.632 sft	0.000 sft		
		ΔElev.	1.650 sft	0.000 sft		
		Ellip Dist.	6660.721 sft	0.037 sft		
229	230	Az.	149°14'09"	0.840 sec	1 : 245439	1 : 245371
		ΔHt.	-92.585 sft	0.000 sft		
		ΔElev.	-92.530 sft	0.000 sft		
		Ellip Dist.	9219.530 sft	0.038 sft		
23	33	Az.	181°36'14"	0.446 sec	1 : 461052	1 : 461002
		ΔHt.	5.212 sft	0.000 sft		
		ΔElev.	5.360 sft	0.000 sft		
		Ellip Dist.	19222.564 sft	0.042 sft		
230	48	Az.	198°51'28"	0.720 sec	1 : 283278	1 : 283281
		ΔHt.	-10.428 sft	0.000 sft		
		ΔElev.	-10.400 sft	0.000 sft		
		Ellip Dist.	9704.280 sft	0.034 sft		
230	83	Az.	109°23'07"	3.605 sec	1 : 57860	1 : 57874
		ΔHt.	41.283 sft	0.000 sft		
		ΔElev.	41.290 sft	0.000 sft		
		Ellip Dist.	2139.940 sft	0.037 sft		

231	235	Az.	139°10'10"	0.935 sec	1 : 225988	1 : 225863
		ΔHt.	26.023 sft	0.000 sft		
		ΔElev.	26.090 sft	0.000 sft		
		Ellip Dist.	9176.165 sft	0.041 sft		
231	47	Az.	265°45'09"	0.427 sec	1 : 496526	1 : 496660
		ΔHt.	123.925 sft	0.000 sft		
		ΔElev.	123.850 sft	0.000 sft		
		Ellip Dist.	18994.207 sft	0.038 sft		
231	84	Az.	325°27'06"	1.933 sec	1 : 106570	1 : 106538
		ΔHt.	-4.643 sft	0.000 sft		
		ΔElev.	-4.670 sft	0.000 sft		
		Ellip Dist.	4420.387 sft	0.041 sft		
231	86	Az.	96°44'07"	0.582 sec	1 : 361680	1 : 361686
		ΔHt.	13.550 sft	0.000 sft		
		ΔElev.	13.610 sft	0.000 sft		
		Ellip Dist.	13076.721 sft	0.036 sft		
232	233	Az.	171°06'04"	2.752 sec	1 : 73574	1 : 73526
		ΔHt.	5.845 sft	0.034 sft		
		ΔElev.	5.858 sft	0.034 sft		
		Ellip Dist.	2547.802 sft	0.035 sft		
232	42	Az.	89°44'36"	0.925 sec	1 : 227188	1 : 227237
		ΔHt.	-4.914 sft	0.000 sft		
		ΔElev.	-4.890 sft	0.000 sft		
		Ellip Dist.	7527.358 sft	0.033 sft		
233	42	Az.	70°19'25"	0.998 sec	1 : 208472	1 : 208586
		ΔHt.	-10.759 sft	0.034 sft		
		ΔElev.	-10.748 sft	0.034 sft		
		Ellip	7575.547 sft	0.036 sft		

		Dist.				
234	41	Az.	95°41'18"	0.610 sec	1 : 344100	1 : 344028
		ΔHt.	85.470 sft	0.032 sft		
		ΔElev.	85.517 sft	0.032 sft		
		Ellip Dist.	13087.113 sft	0.038 sft		
234	61	Az.	225°55'29"	3.622 sec	1 : 56807	1 : 56811
		ΔHt.	30.263 sft	0.032 sft		
		ΔElev.	30.267 sft	0.032 sft		
		Ellip Dist.	2261.494 sft	0.040 sft		
234	83	Az.	342°27'21"	0.794 sec	1 : 256860	1 : 256908
		ΔHt.	96.556 sft	0.032 sft		
		ΔElev.	96.507 sft	0.032 sft		
		Ellip Dist.	9757.533 sft	0.038 sft		
235	51	Az.	126°57'47"	0.983 sec	1 : 215759	1 : 215710
		ΔHt.	-9.954 sft	0.000 sft		
		ΔElev.	-9.900 sft	0.000 sft		
		Ellip Dist.	8657.827 sft	0.040 sft		
236	31	Az.	16°37'54"	0.712 sec	1 : 285196	1 : 285257
		ΔHt.	67.574 sft	0.000 sft		
		ΔElev.	67.540 sft	0.000 sft		
		Ellip Dist.	10524.156 sft	0.037 sft		
236	38	Az.	118°14'01"	2.542 sec	1 : 82091	1 : 82063
		ΔHt.	17.356 sft	0.000 sft		
		ΔElev.	17.370 sft	0.000 sft		
		Ellip Dist.	2847.256 sft	0.035 sft		
236	83	Az.	266°54'24"	0.611 sec	1 : 346154	1 : 346187
		ΔHt.	26.188 sft	0.000 sft		
		ΔElev.	26.150 sft	0.000 sft		

		Ellip Dist.	13029.427 sft	0.038 sft		
24	25	Az.	181°38'41"	0.000 sec	1 : 0	1 : 0
		ΔHt.	114.994 sft	0.000 sft		
		ΔElev.	115.100 sft	0.000 sft		
		Ellip Dist.	10342.168 sft	0.000 sft		
24	95	Az.	339°50'47"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-21.445 sft	0.000 sft		
		ΔElev.	-21.680 sft	0.000 sft		
		Ellip Dist.	13289.701 sft	0.000 sft		
25	34	Az.	181°34'11"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-85.529 sft	0.000 sft		
		ΔElev.	-85.410 sft	0.000 sft		
		Ellip Dist.	10692.276 sft	0.000 sft		
28	31	Az.	177°08'14"	0.726 sec	1 : 277314	1 : 277294
		ΔHt.	-47.104 sft	0.000 sft		
		ΔElev.	-47.060 sft	0.000 sft		
		Ellip Dist.	10623.236 sft	0.038 sft		
29	30	Az.	177°39'56"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-14.335 sft	0.000 sft		
		ΔElev.	-14.300 sft	0.000 sft		
		Ellip Dist.	10637.617 sft	0.000 sft		
3	4	Az.	86°26'54"	0.575 sec	1 : 368316	1 : 368897
		ΔHt.	50.663 sft	0.000 sft		
		ΔElev.	50.890 sft	0.000 sft		
		Ellip Dist.	15995.919 sft	0.043 sft		
30	39	Az.	179°19'48"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-58.271 sft	0.000 sft		

		ΔElev.	-58.230 sft	0.000 sft		
		Ellip Dist.	10596.523 sft	0.000 sft		
31	38	Az.	182°31'50"	0.623 sec	1 : 324011	1 : 324025
		ΔHt.	-50.218 sft	0.000 sft		
		ΔElev.	-50.170 sft	0.000 sft		
		Ellip Dist.	11441.911 sft	0.035 sft		
33	36	Az.	179°23'32"	0.844 sec	1 : 239098	1 : 239062
		ΔHt.	6.270 sft	0.000 sft		
		ΔElev.	6.340 sft	0.000 sft		
		Ellip Dist.	9969.413 sft	0.042 sft		
34	35	Az.	180°43'12"	0.000 sec	1 : 0	1 : 0
		ΔHt.	37.288 sft	0.000 sft		
		ΔElev.	37.390 sft	0.000 sft		
		Ellip Dist.	10439.845 sft	0.000 sft		
35	44	Az.	179°01'58"	0.000 sec	1 : 0	1 : 0
		ΔHt.	18.297 sft	0.000 sft		
		ΔElev.	18.400 sft	0.000 sft		
		Ellip Dist.	10333.442 sft	0.000 sft		
36	43	Az.	180°09'33"	0.701 sec	1 : 291283	1 : 291189
		ΔHt.	53.113 sft	0.000 sft		
		ΔElev.	53.180 sft	0.000 sft		
		Ellip Dist.	10865.168 sft	0.037 sft		
38	39	Az.	89°25'28"	0.201 sec	1 : 1117774	1 : 1117438
		ΔHt.	11.291 sft	0.000 sft		
		ΔElev.	11.360 sft	0.000 sft		
		Ellip Dist.	31966.266 sft	0.029 sft		
38	40	Az.	107°50'27"	0.191 sec	1 : 1149202	1 : 1147462

		ΔHt.	31.325 sft	0.000 sft		
		ΔElev.	31.430 sft	0.000 sft		
		Ellip Dist.	33280.110 sft	0.029 sft		
38	41	Az.	177°28'29"	0.725 sec	1 : 266119	1 : 266172
		ΔHt.	-2.255 sft	0.000 sft		
		ΔElev.	-2.210 sft	0.000 sft		
		Ellip Dist.	9973.564 sft	0.037 sft		
39	40	Az.	181°37'47"	0.000 sec	1 : 0	1 : 0
		ΔHt.	20.034 sft	0.000 sft		
		ΔElev.	20.070 sft	0.000 sft		
		Ellip Dist.	10521.083 sft	0.000 sft		
4	5	Az.	95°35'11"	0.594 sec	1 : 354824	1 : 355177
		ΔHt.	-53.306 sft	0.000 sft		
		ΔElev.	-53.110 sft	0.000 sft		
		Ellip Dist.	15292.431 sft	0.043 sft		
40	50	Az.	179°39'26"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-41.546 sft	0.000 sft		
		ΔElev.	-41.450 sft	0.000 sft		
		Ellip Dist.	21283.679 sft	0.000 sft		
41	86	Az.	182°17'58"	0.742 sec	1 : 263822	1 : 263942
		ΔHt.	-78.394 sft	0.000 sft		
		ΔElev.	-78.330 sft	0.000 sft		
		Ellip Dist.	10684.370 sft	0.040 sft		
42	47	Az.	179°01'08"	0.756 sec	1 : 269392	1 : 269378
		ΔHt.	6.892 sft	0.000 sft		
		ΔElev.	6.930 sft	0.000 sft		
		Ellip Dist.	10495.056 sft	0.039 sft		

42	48	Az.	79°06'35"	0.643 sec	1 : 323643	1 : 323720
		ΔHt.	-65.713 sft	0.000 sft		
		ΔElev.	-65.680 sft	0.000 sft		
		Ellip Dist.	11608.544 sft	0.036 sft		
43	46	Az.	181°03'14"	0.827 sec	1 : 244431	1 : 244433
		ΔHt.	-74.489 sft	0.000 sft		
		ΔElev.	-74.420 sft	0.000 sft		
		Ellip Dist.	10226.435 sft	0.042 sft		
44	45	Az.	180°30'59"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-56.785 sft	0.000 sft		
		ΔElev.	-56.670 sft	0.000 sft		
		Ellip Dist.	10554.225 sft	0.000 sft		
44	92	Az.	88°03'32"	0.862 sec	1 : 240786	1 : 240861
		ΔHt.	-9.484 sft	0.000 sft		
		ΔElev.	-9.400 sft	0.000 sft		
		Ellip Dist.	8107.081 sft	0.034 sft		
45	54	Az.	179°18'57"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-71.456 sft	0.000 sft		
		ΔElev.	-71.340 sft	0.000 sft		
		Ellip Dist.	10747.812 sft	0.000 sft		
46	53	Az.	162°35'59"	0.755 sec	1 : 269533	1 : 269457
		ΔHt.	-20.518 sft	0.000 sft		
		ΔElev.	-20.440 sft	0.000 sft		
		Ellip Dist.	11244.351 sft	0.042 sft		
47	52	Az.	180°59'20"	0.771 sec	1 : 263388	1 : 263396
		ΔHt.	-129.226 sft	0.000 sft		
		ΔElev.	-129.170 sft	0.000 sft		
		Ellip	10548.517	0.040 sft		

		Dist.	sft			
48	61	Az.	110°21'31"	1.180 sec	1 : 176664	1 : 176665
		ΔHt.	-14.583 sft	0.000 sft		
		ΔElev.	-14.550 sft	0.000 sft		
		Ellip Dist.	6905.831 sft	0.039 sft		
5	6	Az.	90°40'17"	0.552 sec	1 : 387695	1 : 387859
		ΔHt.	32.149 sft	0.000 sft		
		ΔElev.	32.290 sft	0.000 sft		
		Ellip Dist.	16754.871 sft	0.043 sft		
50	60	Az.	180°38'32"	0.347 sec	1 : 588295	1 : 588269
		ΔHt.	-76.394 sft	0.000 sft		
		ΔElev.	-76.250 sft	0.000 sft		
		Ellip Dist.	21369.319 sft	0.036 sft		
51	58	Az.	178°58'48"	0.771 sec	1 : 261578	1 : 261355
		ΔHt.	-8.469 sft	0.000 sft		
		ΔElev.	-8.400 sft	0.000 sft		
		Ellip Dist.	10778.307 sft	0.041 sft		
51	86	Az.	0°23'50"	0.709 sec	1 : 285203	1 : 285174
		ΔHt.	-2.519 sft	0.000 sft		
		ΔElev.	-2.580 sft	0.000 sft		
		Ellip Dist.	10613.854 sft	0.037 sft		
52	57	Az.	177°18'50"	0.732 sec	1 : 280504	1 : 280332
		ΔHt.	93.035 sft	0.000 sft		
		ΔElev.	93.080 sft	0.000 sft		
		Ellip Dist.	11011.594 sft	0.039 sft		
53	56	Az.	191°29'36"	0.769 sec	1 : 244725	1 : 244903
		ΔHt.	102.967 sft	0.000 sft		
		ΔElev.	103.000 sft	0.000 sft		

		Ellip Dist.	11374.001 sft	0.046 sft		
54	55	Az.	171°39'15"	0.000 sec	1 : 0	1 : 0
		ΔHt.	27.125 sft	0.000 sft		
		ΔElev.	27.240 sft	0.000 sft		
		Ellip Dist.	11299.059 sft	0.000 sft		
55	64	Az.	181°29'47"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-8.291 sft	0.000 sft		
		ΔElev.	-8.190 sft	0.000 sft		
		Ellip Dist.	10549.291 sft	0.000 sft		
56	63	Az.	179°27'22"	0.810 sec	1 : 233683	1 : 233664
		ΔHt.	-36.061 sft	0.000 sft		
		ΔElev.	-36.000 sft	0.000 sft		
		Ellip Dist.	10690.065 sft	0.046 sft		
57	62	Az.	180°43'09"	0.833 sec	1 : 247105	1 : 246931
		ΔHt.	-17.932 sft	0.000 sft		
		ΔElev.	-17.880 sft	0.000 sft		
		Ellip Dist.	10692.254 sft	0.043 sft		
58	85	Az.	180°47'25"	0.831 sec	1 : 241843	1 : 241755
		ΔHt.	4.071 sft	0.000 sft		
		ΔElev.	4.140 sft	0.000 sft		
		Ellip Dist.	10445.854 sft	0.043 sft		
6	7	Az.	90°17'13"	0.739 sec	1 : 286575	1 : 286645
		ΔHt.	40.336 sft	0.000 sft		
		ΔElev.	40.410 sft	0.000 sft		
		Ellip Dist.	12277.389 sft	0.043 sft		
60	72	Az.	180°51'49"	0.791 sec	1 : 258895	1 : 258939
		ΔHt.	71.802 sft	0.000 sft		

		ΔElev.	71.880 sft	0.000 sft		
		Ellip Dist.	10606.816 sft	0.041 sft		
61	84	Az.	193°38'31"	1.581 sec	1 : 128536	1 : 128551
		ΔHt.	-41.380 sft	0.000 sft		
		ΔElev.	-41.360 sft	0.000 sft		
		Ellip Dist.	5377.092 sft	0.042 sft		
62	69	Az.	194°37'45"	0.854 sec	1 : 237082	1 : 236957
		ΔHt.	28.323 sft	0.000 sft		
		ΔElev.	28.370 sft	0.000 sft		
		Ellip Dist.	10802.081 sft	0.046 sft		
63	67	Az.	181°05'18"	0.723 sec	1 : 276839	1 : 276834
		ΔHt.	4.979 sft	0.000 sft		
		ΔElev.	5.050 sft	0.000 sft		
		Ellip Dist.	10592.024 sft	0.038 sft		
64	65	Az.	181°41'38"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-6.901 sft	0.000 sft		
		ΔElev.	-6.800 sft	0.000 sft		
		Ellip Dist.	10614.034 sft	0.000 sft		
65	66	Az.	89°31'46"	0.480 sec	1 : 446871	1 : 447032
		ΔHt.	-39.669 sft	0.000 sft		
		ΔElev.	-39.610 sft	0.000 sft		
		Ellip Dist.	15910.254 sft	0.036 sft		
66	67	Az.	90°40'52"	0.524 sec	1 : 408229	1 : 408351
		ΔHt.	75.316 sft	0.000 sft		
		ΔElev.	75.350 sft	0.000 sft		
		Ellip Dist.	15797.351 sft	0.039 sft		
67	68	Az.	89°17'00"	0.550 sec	1 : 386600	1 : 386697

		ΔHt.	-31.187 sft	0.000 sft		
		ΔElev.	-31.140 sft	0.000 sft		
		Ellip Dist.	15572.594 sft	0.040 sft		
68	69	Az.	90°48'48"	0.681 sec	1 : 308108	1 : 308218
		ΔHt.	19.133 sft	0.000 sft		
		ΔElev.	19.190 sft	0.000 sft		
		Ellip Dist.	13153.562 sft	0.043 sft		
69	70	Az.	88°23'13"	0.477 sec	1 : 428868	1 : 429533
		ΔHt.	-4.137 sft	0.000 sft		
		ΔElev.	-4.020 sft	0.000 sft		
		Ellip Dist.	18641.733 sft	0.043 sft		
7	8	Az.	89°57'45"	0.569 sec	1 : 404810	1 : 404705
		ΔHt.	-144.136 sft	0.000 sft		
		ΔElev.	-144.030 sft	0.000 sft		
		Ellip Dist.	16672.041 sft	0.041 sft		
70	71	Az.	92°20'03"	0.495 sec	1 : 427041	1 : 427241
		ΔHt.	-89.349 sft	0.000 sft		
		ΔElev.	-89.260 sft	0.000 sft		
		Ellip Dist.	15748.312 sft	0.037 sft		
70	75	Az.	181°24'34"	0.756 sec	1 : 265427	1 : 265375
		ΔHt.	-122.782 sft	0.000 sft		
		ΔElev.	-122.710 sft	0.000 sft		
		Ellip Dist.	10683.645 sft	0.040 sft		
71	74	Az.	174°09'27"	0.711 sec	1 : 287769	1 : 287667
		ΔHt.	-14.799 sft	0.000 sft		
		ΔElev.	-14.730 sft	0.000 sft		
		Ellip Dist.	10374.090 sft	0.036 sft		

71	85	Az.	0°37'33"	0.805 sec	1 : 249396	1 : 249279
		ΔHt.	7.030 sft	0.000 sft		
		ΔElev.	6.960 sft	0.000 sft		
		Ellip Dist.	10861.857 sft	0.044 sft		
72	73	Az.	179°20'39"	0.798 sec	1 : 255611	1 : 255696
		ΔHt.	-69.287 sft	0.000 sft		
		ΔElev.	-69.190 sft	0.000 sft		
		Ellip Dist.	10586.442 sft	0.041 sft		
73	78	Az.	181°11'26"	0.774 sec	1 : 262593	1 : 262595
		ΔHt.	46.041 sft	0.000 sft		
		ΔElev.	46.140 sft	0.000 sft		
		Ellip Dist.	10412.690 sft	0.040 sft		
74	75	Az.	270°58'57"	0.488 sec	1 : 435472	1 : 435932
		ΔHt.	-18.634 sft	0.000 sft		
		ΔElev.	-18.720 sft	0.000 sft		
		Ellip Dist.	17063.216 sft	0.039 sft		
74	77	Az.	186°45'44"	0.614 sec	1 : 330989	1 : 330900
		ΔHt.	-22.536 sft	0.000 sft		
		ΔElev.	-22.480 sft	0.000 sft		
		Ellip Dist.	10845.619 sft	0.033 sft		
75	76	Az.	179°48'40"	0.743 sec	1 : 269715	1 : 269667
		ΔHt.	101.167 sft	0.000 sft		
		ΔElev.	101.220 sft	0.000 sft		
		Ellip Dist.	10895.163 sft	0.040 sft		
76	77	Az.	90°34'06"	0.492 sec	1 : 427587	1 : 427659
		ΔHt.	-105.069 sft	0.000 sft		
		ΔElev.	-104.980 sft	0.000 sft		
		Ellip	15756.459	0.037 sft		

		Dist.	sft			
76	82	Az.	178°28'34"	0.775 sec	1 : 260377	1 : 260371
		ΔHt.	26.764 sft	0.000 sft		
		ΔElev.	26.830 sft	0.000 sft		
		Ellip Dist.	10690.603 sft	0.041 sft		
77	81	Az.	153°20'56"	0.702 sec	1 : 292218	1 : 292113
		ΔHt.	-3.507 sft	0.000 sft		
		ΔElev.	-3.440 sft	0.000 sft		
		Ellip Dist.	8897.338 sft	0.030 sft		
78	79	Az.	180°19'12"	0.757 sec	1 : 266419	1 : 266425
		ΔHt.	-94.158 sft	0.000 sft		
		ΔElev.	-94.060 sft	0.000 sft		
		Ellip Dist.	10717.814 sft	0.040 sft		
79	80	Az.	270°05'43"	0.000 sec	1 : 0	1 : 0
		ΔHt.	32.483 sft	0.000 sft		
		ΔElev.	32.410 sft	0.000 sft		
		Ellip Dist.	16025.096 sft	0.000 sft		
8	9	Az.	89°46'43"	0.452 sec	1 : 496825	1 : 496714
		ΔHt.	14.595 sft	0.000 sft		
		ΔElev.	14.640 sft	0.000 sft		
		Ellip Dist.	17995.562 sft	0.036 sft		
80	81	Az.	283°24'51"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-30.666 sft	0.000 sft		
		ΔElev.	-30.740 sft	0.000 sft		
		Ellip Dist.	12031.066 sft	0.000 sft		
81	82	Az.	262°29'42"	0.444 sec	1 : 478770	1 : 478851
		ΔHt.	135.339 sft	0.000 sft		
		ΔElev.	135.250 sft	0.000 sft		

		Ellip Dist.	19638.012 sft	0.041 sft	
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