

Project Information		Coordinate System	
Name:	O:\SJRRP Staff Gage Survey 2011\SJRRP-GCN-TBC\SJRRP - Free Adj - DO NOT USE.vce	Name:	US State Plane 1983
Size:	3 MB	Datum:	NAD 1983 (Conus)
Modified:	2/7/2012 7:53:27 AM (UTC:-8)	Zone:	California Zone 4 0404
Time zone:	Pacific Standard Time	Geoid:	GEOID03 (Conus)
Reference number:		Vertical datum:	
Description:			

Network Adjustment Report

Adjustment Settings

Set-Up Errors

GNSS

Error in Height of Antenna: 0.002 ft

Centering Error: 0.005 ft

Covariance Display

Horizontal:

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 ft

Scale on Linear Error [S]: 1.960

Three-Dimensional

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 ft

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: 501

Post Processed Vector Statistics

Reference Factor: 1.00
Redundancy Number: 501.00
A Priori Scalar: 1.47

Control Coordinate Comparisons

Values shown are control coordinates minus adjusted coordinates.

Point ID	Δ Northing (US survey foot)	Δ Easting (US survey foot)	Δ Elevation (US survey foot)	Δ Height (US survey foot)
101	-0.084	0.007	0.888	0.668
119	-83.106	49.861	0.047	?
121	-0.139	-0.095	1.303	1.025
122	-0.045	0.025	0.443	0.023
124	-0.026	0.055	0.704	0.504
125	-0.020	-0.047	0.292	0.071
126	0.067	0.046	-0.118	-0.280
128	-0.007	-0.089	-0.130	-0.310
129	-0.059	-0.036	0.616	0.265
130	0.039	-0.040	0.185	-0.188
131	-5.607	-4.132	-0.262	?
132	-27.009	775.396	5.828	?
133	27.202	111.193	1.569	?
134	-0.132	0.114	-0.171	-0.374
135	-0.029	0.012	0.698	0.508
137	0.025	-0.018	0.298	0.041
138	0.042	0.085	0.467	-0.276
139	-0.054	0.023	1.108	0.278
140	-0.129	0.136	-0.129	-0.345
141	-0.105	0.064	0.042	-0.177
142	-0.070	0.056	-0.096	-0.434
143	-0.008	0.028	-0.037	-0.356

144	0.040	-0.131	0.110	-0.102
145	-0.092	0.054	-0.187	-0.301
146	?	?	?	-0.267
147	-0.014	-0.049	0.612	0.391
148	0.042	0.119	-0.131	-0.366
150	0.292	0.349	-0.005	?
152	-0.033	0.108	0.617	-0.263
153	-0.050	0.003	0.318	0.088
154	-0.071	0.064	0.138	-0.304
155	5.132	-375.795	1.336	?
156	-130.022	-88.241	6.114	?
157	-0.037	-0.040	0.877	0.679

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)
146	Grid				Fixed
146	Local	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)	Constr
101	2213141.168	0.022	6133281.336	0.021	141.894	0.058	
102	2187923.156	0.025	6279022.684	0.023	227.153	0.061	
103	2185778.021	0.025	6243281.212	0.023	235.371	0.059	
104	2167436.027	0.025	6185519.855	0.023	180.724	0.057	
105	2170239.704	0.019	6177218.939	0.018	165.356	0.053	

106	2304707.554	0.015	6093792.600	0.014	109.707	0.047	
107	2326052.944	0.020	6067401.810	0.018	106.764	0.063	
108	2342536.691	0.013	6022775.670	0.012	79.126	0.041	
109	2358524.112	0.015	6023075.455	0.014	79.651	0.044	
110	2379250.099	0.013	5986636.436	0.013	71.348	0.037	
111	2248471.851	0.026	6351131.199	0.024	384.969	0.068	
112	2241351.633	0.024	6349234.506	0.023	309.187	0.069	
113	2224030.828	0.027	6348300.789	0.025	312.473	0.081	
114	2173745.743	0.021	6226012.836	0.020	210.960	0.056	
115	2122146.252	0.022	6215832.942	0.021	173.339	0.059	
116	2181208.041	0.022	6158129.727	0.021	155.178	0.056	
119	2420921.461	0.016	6035543.201	0.015	111.229	0.040	
120	2246626.093	0.024	6356803.602	0.023	606.829	0.068	
121	2244410.194	0.019	6123306.148	0.018	129.832	0.050	
122	2166402.742	0.022	6153888.562	0.021	168.126	0.056	
123	2232691.155	0.018	6167201.612	0.017	162.755	0.050	
124	2280839.161	0.018	6138903.289	0.017	149.623	0.048	
125	2185890.223	0.018	6122120.080	0.017	184.287	0.054	
126	2355392.899	0.015	6132094.657	0.013	167.392	0.042	
127	2195250.807	0.019	6199772.695	0.018	183.001	0.054	
128	2114491.899	0.018	6074855.725	0.017	619.387	0.054	

129	2198475.356	0.019	6133714.078	0.018	146.464	0.051	
130	2365903.803	0.022	6000988.777	0.020	73.273	0.061	
131	2332746.459	0.020	6191751.930	0.019	243.175	0.060	
132	2249201.502	0.019	6122773.800	0.017	127.210	0.049	
133	2273311.277	0.021	6111332.010	0.019	122.331	0.050	
134	2202620.461	0.024	6330007.535	0.023	290.164	0.069	
135	2280213.651	0.018	6203601.721	0.017	236.802	0.054	
137	2271706.393	0.012	6053044.182	0.012	101.086	0.041	
138	2423374.020	0.017	5929562.770	0.017	239.033	0.042	
139	2099649.760	0.023	6250234.955	0.022	187.179	0.060	
140	2172846.986	0.022	6309610.233	0.021	292.582	0.060	
141	2207496.686	0.021	6274591.717	0.019	285.554	0.059	
142	2239184.362	0.024	6329797.987	0.022	430.542	0.069	
143	2282575.608	0.022	6342236.418	0.020	1107.318	0.067	
144	2221992.471	0.015	6029550.823	0.015	314.292	0.051	
145	2199134.600	0.026	6397420.349	0.024	494.281	0.067	
146	2275034.315	?	5961519.299	?	285.344	?	LLe
147	2238612.288	0.014	6104481.321	0.014	124.289	0.050	
148	2392467.487	0.021	6061625.676	0.018	134.350	0.062	
150	2376151.684	0.017	5971948.243	0.016	97.216	0.033	
152	2322364.172	0.016	6025789.030	0.015	84.685	0.058	
153	2183877.374	0.018	6142113.642	0.017	154.800	0.052	

154	2149040.274	0.022	6261382.682	0.021	230.111	0.059	
155	2319104.552	0.018	6078482.310	0.016	110.770	0.055	
156	2292291.955	0.022	6098548.520	0.020	113.603	0.051	
157	2263167.612	0.014	6102759.064	0.014	114.936	0.047	
158	2198310.224	0.023	6154768.943	0.021	150.794	0.054	
159	2186287.831	0.020	6159874.922	0.019	151.855	0.053	
160	2184438.140	0.025	6226802.773	0.023	214.505	0.058	
162	2284179.397	0.018	6121191.379	0.017	122.021	0.048	
163	2178561.306	0.021	6256399.721	0.020	249.821	0.056	
165	2210796.632	0.027	6330511.584	0.025	373.037	0.071	
166	2366194.677	0.019	6030519.671	0.018	91.127	0.052	
167	2348711.573	0.012	6006971.142	0.011	74.293	0.035	

Adjusted Geodetic Coordinates

Point ID	Latitude	Longitude	Height (US survey foot)	Height Error (US survey foot)	Constraint
101	N36°53'51.23285"	W120°27'54.26765"	33.000	0.058	
102	N36°50'00.13058"	W119°57'56.93449"	120.847	0.061	
103	N36°49'35.14159"	W120°05'16.27249"	128.162	0.059	
104	N36°46'26.73061"	W120°17'03.66576"	72.031	0.057	
105	N36°46'53.34195"	W120°18'46.16064"	56.543	0.053	
106	N37°08'50.25907"	W120°36'19.20795"	2.426	0.047	
107	N37°12'16.78906"	W120°41'49.78132"	-0.335	0.063	
108	N37°14'51.58643"	W120°51'05.21740"	-28.164	0.041	
109	N37°17'29.68067"	W120°51'05.32206"	-27.133	0.044	

110	N37°20'47.37012"	W120°58'41.43124"	-35.438	0.037	
111	N37°00'05.07547"	W119°43'15.52469"	282.446	0.068	
112	N36°58'54.53266"	W119°43'38.24190"	206.413	0.069	
113	N36°56'03.20105"	W119°43'48.12686"	209.320	0.081	
114	N36°47'34.18509"	W120°08'46.89445"	103.208	0.056	
115	N36°39'02.76488"	W120°10'44.25713"	64.528	0.059	
116	N36°48'39.14472"	W120°22'42.73537"	46.174	0.056	
119	N37°27'48.81215"	W120°48'45.63775"	6.518	0.040	
120	N36°59'47.24086"	W119°42'05.43046"	504.567	0.068	
121	N36°58'58.85967"	W120°30'03.07797"	21.403	0.050	
122	N36°46'12.15560"	W120°23'32.24694"	58.819	0.056	
123	N36°57'09.43773"	W120°21'00.08282"	54.853	0.050	
124	N37°05'01.38436"	W120°26'57.63836"	42.475	0.048	
125	N36°49'20.09883"	W120°30'06.41653"	74.762	0.054	
126	N37°17'17.40224"	W120°28'35.80152"	62.655	0.042	
127	N36°51'03.59666"	W120°14'12.89020"	74.945	0.054	
128	N36°37'26.48516"	W120°39'32.48821"	510.535	0.054	
129	N36°51'26.29772"	W120°27'46.19049"	37.313	0.051	
130	N37°18'38.33184"	W120°55'40.41630"	-33.664	0.061	
131	N37°13'41.95597"	W120°16'13.94983"	138.153	0.060	
132	N36°59'46.14715"	W120°30'10.56254"	18.895	0.049	
133	N37°03'42.71341"	W120°32'36.36630"	14.467	0.050	
134	N36°52'30.06768"	W119°47'31.26875"	185.852	0.069	
135	N37°05'04.11516"	W120°13'39.14288"	130.203	0.054	
137	N37°03'16.98662"	W120°44'35.03107"	-7.833	0.041	
138	N37°27'51.28733"	W121°10'40.41581"	133.226	0.042	
139	N36°35'24.28719"	W120°03'39.04388"	78.708	0.060	
140	N36°47'33.93651"	W119°51'39.02197"	187.090	0.060	
141	N36°53'13.22248"	W119°58'53.89911"	179.265	0.059	
142	N36°58'31.58179"	W119°47'37.56719"	326.795	0.069	
143	N37°05'41.59707"	W119°45'08.47057"	1005.301	0.067	
144	N36°55'01.19912"	W120°49'13.18403"	205.262	0.051	
145	N36°52'00.29699"	W119°33'41.32143"	393.296	0.067	
146	N37°03'31.98347"	W121°03'24.76181"	177.927	?	LLe
147	N36°57'58.56719"	W120°33'53.90156"	15.374	0.050	
148	N37°23'12.29808"	W120°43'15.87772"	29.513	0.062	
150	N37°20'13.71488"	W121°01'42.47260"	-9.712	0.033	
152	N37°11'32.74798"	W120°50'23.17714"	-23.185	0.058	

153	N36°49'03.21857"	W120°26'00.16392"	45.558	0.052	
154	N36°43'33.85676"	W120°01'28.81321"	122.804	0.059	
155	N37°11'10.01346"	W120°39'31.35563"	3.646	0.055	
156	N37°06'48.29984"	W120°35'17.93727"	6.033	0.051	
157	N37°02'01.05462"	W120°34'20.07448"	6.608	0.047	
158	N36°51'27.75806"	W120°23'27.10661"	42.015	0.054	
159	N36°49'29.61699"	W120°22'22.16866"	42.965	0.053	
160	N36°49'20.00007"	W120°08'38.74905"	106.903	0.058	
162	N37°05'31.70886"	W120°30'36.84716"	14.666	0.048	
163	N36°48'25.22415"	W120°02'33.95858"	142.833	0.056	
165	N36°53'50.95272"	W119°47'25.89349"	268.850	0.071	
166	N37°18'46.91337"	W120°49'35.02374"	-15.268	0.052	
167	N37°15'49.56899"	W120°54'22.15911"	-33.032	0.035	

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
101	8494837.634	0.030	14441495.381	0.041	12494444.349	0.041	0.066	
102	8375716.635	0.033	14527176.540	0.045	12475797.627	0.041	0.070	
103	8407402.502	0.032	14510619.471	0.043	12473779.117	0.041	0.068	
104	8462851.281	0.032	14491518.674	0.043	12458487.543	0.040	0.067	
105	8469231.666	0.028	14485909.864	0.038	12460633.937	0.036	0.059	
106	8502278.657	0.023	14373513.034	0.033	12567021.764	0.032	0.051	
107	8518858.808	0.028	14349012.697	0.045	12583663.931	0.044	0.069	

108	8552598.771	0.019	14317870.427	0.029	12596113.711	0.027	0.044	
109	8547640.824	0.022	14309553.857	0.031	12608839.208	0.029	0.048	
110	8573019.553	0.019	14280218.974	0.027	12624735.713	0.025	0.041	
111	8295406.965	0.036	14531031.208	0.049	12524810.669	0.046	0.077	
112	8299105.934	0.036	14533792.712	0.049	12519066.284	0.046	0.076	
113	8304970.163	0.041	14542443.935	0.058	12505221.401	0.053	0.089	
114	8425886.194	0.030	14508347.808	0.041	12463970.009	0.038	0.063	
115	8449671.041	0.031	14530258.870	0.043	12422489.108	0.039	0.066	
116	8482595.245	0.031	14470650.158	0.041	12469196.307	0.038	0.064	
119	8518489.140	0.022	14282712.464	0.030	12658622.411	0.027	0.046	
120	8291094.213	0.035	14534946.366	0.049	12523503.740	0.046	0.076	
121	8494359.560	0.026	14420068.884	0.036	12519304.574	0.035	0.057	
122	8490577.817	0.031	14476301.870	0.040	12457298.890	0.038	0.063	
123	8459745.362	0.026	14448146.591	0.036	12510482.653	0.034	0.055	
124	8470209.387	0.026	14408677.117	0.035	12548586.794	0.032	0.054	

125	8512454.159	0.028	14450251.538	0.038	12472529.292	0.036	0.059	
126	8454253.831	0.021	14365881.503	0.030	12607905.586	0.028	0.046	
127	8442402.286	0.028	14484026.938	0.039	12480906.951	0.036	0.060	
128	8574263.211	0.028	14464258.667	0.038	12414941.908	0.036	0.059	
129	8498733.504	0.027	14449413.211	0.037	12482721.483	0.035	0.057	
130	8564552.449	0.030	14294527.166	0.042	12614358.642	0.044	0.068	
131	8409211.347	0.031	14407640.705	0.044	12590607.511	0.038	0.066	
132	8493421.199	0.026	14417279.623	0.035	12523123.134	0.034	0.055	
133	8496286.101	0.027	14398859.703	0.036	12542221.430	0.036	0.058	
134	8327119.571	0.035	14544667.868	0.049	12487970.448	0.047	0.076	
135	8414318.357	0.028	14441275.646	0.039	12548860.027	0.035	0.059	
137	8547195.187	0.019	14370502.113	0.029	12540131.537	0.028	0.044	
138	8609329.905	0.023	14228079.676	0.032	12658898.200	0.028	0.048	
139	8426306.928	0.032	14559063.998	0.044	12404763.852	0.040	0.068	
140	8353523.854	0.031	14550227.242	0.043	12464000.114	0.040	0.067	

141	8373897.631	0.031	14514756.320	0.043	12491457.641	0.039	0.066	
142	8316705.198	0.035	14525448.794	0.049	12517284.349	0.046	0.076	
143	8293472.433	0.034	14509184.136	0.048	12552411.844	0.044	0.074	
144	8582109.652	0.025	14385016.031	0.036	12500206.004	0.034	0.055	
145	8269502.143	0.036	14579771.639	0.049	12485686.193	0.045	0.075	
146	8625380.058	?	14322817.042	?	12541453.927	?	?	LLe
147	8512353.824	0.025	14413708.006	0.035	12514429.342	0.033	0.054	
148	8504336.593	0.030	14310940.331	0.045	12636425.423	0.040	0.068	
150	8586625.051	0.020	14274475.684	0.026	12622045.001	0.023	0.040	
152	8555918.490	0.026	14330061.345	0.041	12580101.984	0.039	0.062	
153	8495702.837	0.027	14461265.973	0.037	12471145.137	0.035	0.058	
154	8402339.468	0.031	14538818.175	0.043	12444509.158	0.040	0.066	
155	8511310.764	0.026	14358241.465	0.039	12578286.391	0.038	0.060	
156	8501799.037	0.029	14382450.170	0.037	12557189.633	0.036	0.059	
157	8506672.151	0.023	14399914.046	0.033	12534010.506	0.031	0.051	

158	8480534.356	0.030	14460003.676	0.040	12482842.476	0.037	0.062	
159	8479604.315	0.028	14468854.489	0.038	12473280.803	0.036	0.059	
160	8422094.939	0.032	14503138.487	0.043	12472540.559	0.041	0.067	
162	8484567.224	0.025	14398054.668	0.034	12551016.627	0.033	0.054	
163	8398108.550	0.030	14520909.261	0.041	12468127.026	0.038	0.063	
165	8324333.984	0.037	14540681.183	0.050	12494563.292	0.049	0.079	
166	8538954.546	0.027	14309237.374	0.038	12615060.131	0.034	0.058	
167	8564440.072	0.017	14306648.424	0.025	12600778.582	0.024	0.039	

Error Ellipse Components

Point ID	Semi-major axis (US survey foot)	Semi-minor axis (US survey foot)	Azimuth
101	0.028	0.026	175°
102	0.032	0.029	177°
103	0.031	0.028	11°
104	0.031	0.029	1°
105	0.024	0.022	3°
106	0.019	0.018	18°
107	0.025	0.022	25°
108	0.016	0.014	15°
109	0.019	0.017	1°
110	0.017	0.016	167°

111	0.032	0.030	2°
112	0.030	0.028	1°
113	0.034	0.031	179°
114	0.026	0.025	2°
115	0.028	0.026	176°
116	0.027	0.026	173°
119	0.020	0.018	179°
120	0.030	0.028	179°
121	0.024	0.022	165°
122	0.028	0.026	20°
123	0.022	0.021	173°
124	0.023	0.021	175°
125	0.023	0.022	1°
126	0.018	0.017	6°
127	0.024	0.022	171°
128	0.023	0.021	0°
129	0.024	0.022	178°
130	0.028	0.025	6°
131	0.025	0.024	169°
132	0.023	0.021	174°
133	0.027	0.023	18°
134	0.030	0.028	173°
135	0.023	0.021	165°
137	0.015	0.014	25°
138	0.021	0.020	136°
139	0.029	0.028	171°
140	0.028	0.026	178°
141	0.026	0.024	173°
142	0.030	0.027	178°
143	0.027	0.025	177°
144	0.019	0.018	13°
145	0.033	0.030	178°
147	0.018	0.018	9°
148	0.026	0.023	177°
150	0.021	0.020	173°
152	0.020	0.018	20°
153	0.023	0.022	1°
154	0.028	0.026	176°

155	0.023	0.020	23°
156	0.028	0.024	23°
157	0.018	0.017	18°
158	0.029	0.026	3°
159	0.025	0.023	180°
160	0.031	0.028	10°
162	0.023	0.021	11°
163	0.026	0.025	1°
165	0.033	0.031	173°
166	0.023	0.023	3°
167	0.015	0.014	12°

Adjusted GPS Observations

Observation ID	Observation	A-posteriori Error	Residual	Standardized Residual	
139 --> 140 (PV231)	Az.	38°24'54"	0.036 sec	-0.044 sec	-1.580
	ΔHt.	108.382 ft	0.031 ft	0.072 ft	3.767
	Ellip Dist.	94256.508 ft	0.017 ft	-0.045 ft	-3.549
140 --> 163 (PV40)	Az.	275°36'58"	0.057 sec	0.002 sec	0.041
	ΔHt.	-44.257 ft	0.026 ft	-0.008 ft	-0.365
	Ellip Dist.	53519.389 ft	0.013 ft	0.047 ft	3.462
102 --> 163 (PV62)	Az.	246°56'35"	0.150 sec	0.116 sec	1.016
	ΔHt.	21.986 ft	0.027 ft	-0.002 ft	-0.112
	Ellip Dist.	24484.828 ft	0.016 ft	0.042 ft	3.424
140 --> 102 (PV63)	Az.	295°43'29"	0.107 sec	-0.104 sec	-1.318
	ΔHt.	-66.243 ft	0.028 ft	0.009 ft	0.503
	Ellip Dist.	34102.997 ft	0.016 ft	0.039 ft	3.277
139 --> 154 (PV56)	Az.	12°05'10"	0.062 sec	0.039 sec	0.801
	ΔHt.	44.096 ft	0.031 ft	-0.083 ft	-3.124
	Ellip Dist.	50635.920 ft	0.016 ft	0.026 ft	2.028
143 --> 127 (PV194)	Az.	238°02'45"	0.019 sec	0.008 sec	0.434

	ΔHt.	-930.357 ft	0.047 ft	-0.067 ft	-1.129
	Ellip Dist.	167104.089 ft	0.015 ft	-0.048 ft	-2.994
124 --> 132 (PV146)	Az.	206°08'56"	0.096 sec	-0.039 sec	-0.525
	ΔHt.	-23.581 ft	0.031 ft	-0.025 ft	-1.153
	Ellip Dist.	35513.172 ft	0.017 ft	0.040 ft	2.875
155 --> 137 (PV233)	Az.	207°13'58"	0.061 sec	0.139 sec	2.721
	ΔHt.	-11.478 ft	0.049 ft	-0.021 ft	-0.653
	Ellip Dist.	53794.147 ft	0.018 ft	0.009 ft	0.635
163 --> 103 (PV192)	Az.	298°11'38"	0.246 sec	-0.157 sec	-0.930
	ΔHt.	-14.671 ft	0.027 ft	-0.005 ft	-0.319
	Ellip Dist.	14973.321 ft	0.015 ft	0.028 ft	2.681
127 --> 160 (PV210)	Az.	111°03'52"	0.130 sec	-0.111 sec	-1.079
	ΔHt.	31.958 ft	0.027 ft	0.016 ft	0.783
	Ellip Dist.	29114.050 ft	0.015 ft	0.031 ft	2.670
110 --> 150 (PV78)	Az.	256°54'30"	0.220 sec	0.053 sec	0.356
	ΔHt.	25.725 ft	0.029 ft	-0.025 ft	-1.754
	Ellip Dist.	15011.153 ft	0.016 ft	0.030 ft	2.665
115 --> 154 (PV17)	Az.	58°44'15"	0.062 sec	-0.069 sec	-1.228
	ΔHt.	58.276 ft	0.034 ft	-0.081 ft	-2.632
	Ellip Dist.	52899.859 ft	0.015 ft	0.006 ft	0.445
126 --> 124 (PV137)	Az.	173°54'03"	0.043 sec	0.091 sec	2.480
	ΔHt.	-20.180 ft	0.034 ft	0.040 ft	1.536
	Ellip Dist.	74864.817 ft	0.017 ft	0.011 ft	0.844
129 --> 101 (PV221)	Az.	357°26'14"	0.235 sec	-0.048 sec	-0.312
	ΔHt.	-4.313 ft	0.036 ft	-0.006 ft	-0.305
	Ellip Dist.	14672.924 ft	0.018 ft	0.028 ft	2.447
154 --> 140 (PV21)	Az.	63°06'58"	0.057 sec	-0.024 sec	-0.470
	ΔHt.	64.286 ft	0.025 ft	-0.026 ft	-1.540
	Ellip Dist.	53786.457 ft	0.014 ft	0.030 ft	2.440
153 --> 127 (PV215)	Az.	77°59'10"	0.050 sec	0.014 sec	0.222
	ΔHt.	29.386 ft	0.029 ft	-0.013 ft	-0.362

	Ellip Dist.	58773.165 ft	0.013 ft	-0.042 ft	-2.411
108 --> 106 (PV150)	Az.	116°56'16"	0.036 sec	-0.085 sec	-2.383
	ΔHt.	30.590 ft	0.039 ft	0.094 ft	1.528
	Ellip Dist.	80464.713 ft	0.012 ft	-0.001 ft	-0.060
124 --> 135 (PV136)	Az.	89°41'19"	0.057 sec	-0.104 sec	-2.331
	ΔHt.	87.728 ft	0.040 ft	0.005 ft	0.168
	Ellip Dist.	64703.224 ft	0.017 ft	0.027 ft	1.804
154 --> 163 (PV41)	Az.	349°48'28"	0.085 sec	-0.113 sec	-1.134
	ΔHt.	20.029 ft	0.024 ft	-0.048 ft	-2.288
	Ellip Dist.	29940.306 ft	0.013 ft	0.022 ft	1.333
124 --> 162 (PV157)	Az.	279°48'55"	0.203 sec	-0.194 sec	-1.264
	ΔHt.	-27.809 ft	0.027 ft	-0.015 ft	-0.819
	Ellip Dist.	18024.604 ft	0.015 ft	0.026 ft	2.272
159 --> 105 (PV185)	Az.	131°57'31"	0.120 sec	-0.046 sec	-0.417
	ΔHt.	13.578 ft	0.029 ft	-0.049 ft	-0.804
	Ellip Dist.	23630.872 ft	0.013 ft	0.027 ft	2.250
108 --> 167 (PV124)	Az.	290°14'11"	0.164 sec	0.056 sec	0.366
	ΔHt.	-4.868 ft	0.034 ft	-0.014 ft	-0.612
	Ellip Dist.	16967.959 ft	0.012 ft	0.025 ft	2.147
114 --> 163 (PV45)	Az.	80°18'39"	0.080 sec	-0.018 sec	-0.221
	ΔHt.	39.625 ft	0.025 ft	0.048 ft	1.656
	Ellip Dist.	30767.774 ft	0.011 ft	0.029 ft	2.146
163 --> 160 (PV193)	Az.	280°36'31"	0.121 sec	0.028 sec	0.288
	ΔHt.	-35.930 ft	0.027 ft	0.020 ft	0.965
	Ellip Dist.	30176.390 ft	0.015 ft	0.025 ft	2.134
146 --> 167 (PV113)	Az.	30°26'35"	0.027 sec	0.008 sec	0.259
	ΔHt.	-210.960 ft	0.035 ft	-0.119 ft	-2.108
	Ellip Dist.	86570.405 ft	0.012 ft	0.004 ft	0.371
146 --> 110 (PV96)	Az.	12°19'23"	0.025 sec	0.039 sec	1.671
	ΔHt.	-213.365 ft	0.037 ft	-0.120 ft	-2.107
	Ellip Dist.	107200.629 ft	0.013 ft	-0.015 ft	-1.310

127 --> 131 (PV212)	Az.	355°55'25"	0.020 sec	-0.033 sec	-2.074
	ΔHt.	63.209 ft	0.052 ft	0.137 ft	1.860
	Ellip Dist.	137733.725 ft	0.016 ft	0.000 ft	0.007
145 --> 140 (PV227)	Az.	252°59'58"	0.040 sec	0.005 sec	0.161
	ΔHt.	-206.206 ft	0.037 ft	-0.015 ft	-1.000
	Ellip Dist.	91665.388 ft	0.017 ft	0.024 ft	2.070
126 --> 131 (PV174)	Az.	109°54'19"	0.061 sec	0.092 sec	2.056
	ΔHt.	75.498 ft	0.048 ft	0.007 ft	0.260
	Ellip Dist.	63810.956 ft	0.019 ft	0.009 ft	0.596
127 --> 163 (PV207)	Az.	105°41'00"	0.049 sec	-0.017 sec	-0.324
	ΔHt.	67.888 ft	0.025 ft	-0.040 ft	-2.053
	Ellip Dist.	59038.366 ft	0.012 ft	0.025 ft	2.049
154 --> 163 (PV44)	Az.	349°48'28"	0.085 sec	0.010 sec	0.109
	ΔHt.	20.029 ft	0.024 ft	0.065 ft	2.027
	Ellip Dist.	29940.306 ft	0.013 ft	0.004 ft	0.274
105 --> 104 (PV30)	Az.	107°52'46"	0.432 sec	-0.088 sec	-0.431
	ΔHt.	15.488 ft	0.024 ft	0.001 ft	0.094
	Ellip Dist.	8762.098 ft	0.017 ft	0.017 ft	2.008
141 --> 163 (PV42)	Az.	211°34'21"	0.077 sec	0.168 sec	1.979
	ΔHt.	-36.432 ft	0.027 ft	0.004 ft	0.196
	Ellip Dist.	34180.781 ft	0.014 ft	0.029 ft	1.927
138 --> 150 (PV82)	Az.	136°47'23"	0.057 sec	-0.075 sec	-1.962
	ΔHt.	-142.938 ft	0.034 ft	0.007 ft	0.407
	Ellip Dist.	63452.478 ft	0.018 ft	0.013 ft	1.116
143 --> 135 (PV196)	Az.	268°34'36"	0.024 sec	-0.003 sec	-0.168
	ΔHt.	-875.098 ft	0.056 ft	-0.114 ft	-1.592
	Ellip Dist.	138658.494 ft	0.014 ft	-0.022 ft	-1.961
128 --> 147 (PV52)	Az.	12°26'05"	0.022 sec	0.014 sec	0.765
	ΔHt.	-495.161 ft	0.037 ft	-0.050 ft	-0.723
	Ellip Dist.	127613.817 ft	0.014 ft	-0.023 ft	-1.915
131 --> 135 (PV173)	Az.	166°31'49"	0.051 sec	-0.031 sec	-0.512

	ΔHt.	-7.950 ft	0.047 ft	0.054 ft	1.895
	Ellip Dist.	53853.574 ft	0.015 ft	0.002 ft	0.189
126 --> 155 (PV126)	Az.	235°01'38"	0.048 sec	0.077 sec	1.885
	ΔHt.	-59.009 ft	0.044 ft	-0.007 ft	-0.252
	Ellip Dist.	64739.069 ft	0.016 ft	0.012 ft	0.760
122 --> 105 (PV34)	Az.	79°49'48"	0.146 sec	-0.072 sec	-0.691
	ΔHt.	-2.276 ft	0.027 ft	0.009 ft	0.501
	Ellip Dist.	23645.110 ft	0.017 ft	0.023 ft	1.880
135 --> 131 (PV214)	Az.	346°33'23"	0.051 sec	-0.010 sec	-0.197
	ΔHt.	7.950 ft	0.047 ft	0.141 ft	1.482
	Ellip Dist.	53853.574 ft	0.015 ft	0.028 ft	1.857
121 --> 135 (PV160)	Az.	65°04'19"	0.038 sec	-0.008 sec	-0.275
	ΔHt.	108.800 ft	0.039 ft	0.000 ft	0.002
	Ellip Dist.	87919.221 ft	0.014 ft	-0.020 ft	-1.815
108 --> 107 (PV168)	Az.	109°10'04"	0.079 sec	-0.013 sec	-0.216
	ΔHt.	27.829 ft	0.056 ft	0.055 ft	0.863
	Ellip Dist.	47573.378 ft	0.015 ft	0.020 ft	1.814
114 --> 163 (PV191)	Az.	80°18'39"	0.080 sec	0.129 sec	1.265
	ΔHt.	39.625 ft	0.025 ft	0.021 ft	0.255
	Ellip Dist.	30767.774 ft	0.011 ft	0.024 ft	1.789
126 --> 108 (PV141)	Az.	262°24'48"	0.023 sec	-0.001 sec	-0.022
	ΔHt.	-90.819 ft	0.030 ft	-0.013 ft	-0.487
	Ellip Dist.	110071.970 ft	0.011 ft	-0.025 ft	-1.762
141 --> 102 (PV65)	Az.	166°39'32"	0.162 sec	0.099 sec	0.868
	ΔHt.	-58.418 ft	0.028 ft	0.007 ft	0.462
	Ellip Dist.	20069.816 ft	0.018 ft	0.022 ft	1.752
109 --> 130 (PV148)	Az.	287°22'17"	0.188 sec	-0.083 sec	-0.671
	ΔHt.	-6.531 ft	0.060 ft	-0.211 ft	-1.735
	Ellip Dist.	23286.697 ft	0.019 ft	-0.012 ft	-0.905
143 --> 112 (PV6)	Az.	169°54'59"	0.071 sec	0.114 sec	1.725
	ΔHt.	-798.888 ft	0.027 ft	-0.015 ft	-0.738

	Ellip Dist.	41815.136 ft	0.015 ft	-0.007 ft	-0.499
152 --> 167 (PV123)	Az.	323°22'03"	0.105 sec	-0.003 sec	-0.036
	ΔHt.	-9.847 ft	0.052 ft	0.038 ft	1.701
	Ellip Dist.	32377.568 ft	0.016 ft	0.014 ft	1.104
146 --> 150 (PV97)	Az.	4°39'41"	0.033 sec	0.038 sec	1.644
	ΔHt.	-187.640 ft	0.033 ft	0.025 ft	1.695
	Ellip Dist.	101654.614 ft	0.017 ft	-0.006 ft	-0.542
106 --> 162 (PV163)	Az.	125°53'02"	0.098 sec	-0.164 sec	-1.691
	ΔHt.	12.240 ft	0.027 ft	0.003 ft	0.119
	Ellip Dist.	34236.679 ft	0.014 ft	-0.003 ft	-0.206
137 --> 152 (PV88)	Az.	330°40'45"	0.059 sec	0.000 sec	-0.008
	ΔHt.	-15.352 ft	0.060 ft	0.077 ft	1.162
	Ellip Dist.	57525.604 ft	0.016 ft	0.021 ft	1.689
147 --> 144 (PV36)	Az.	256°33'40"	0.035 sec	0.060 sec	1.687
	ΔHt.	189.889 ft	0.035 ft	0.030 ft	1.136
	Ellip Dist.	76754.914 ft	0.013 ft	0.003 ft	0.220
114 --> 127 (PV208)	Az.	308°39'09"	0.083 sec	-0.158 sec	-1.686
	ΔHt.	-28.263 ft	0.025 ft	0.004 ft	0.197
	Ellip Dist.	33928.390 ft	0.013 ft	0.014 ft	1.046
138 --> 119 (PV106)	Az.	90°01'27"	0.031 sec	0.021 sec	0.907
	ΔHt.	-126.708 ft	0.031 ft	0.010 ft	0.798
	Ellip Dist.	106003.750 ft	0.015 ft	-0.018 ft	-1.684
114 --> 104 (PV7)	Az.	260°27'34"	0.094 sec	0.005 sec	0.071
	ΔHt.	-31.177 ft	0.030 ft	-0.016 ft	-0.789
	Ellip Dist.	40983.903 ft	0.017 ft	0.020 ft	1.680
127 --> 141 (PV183)	Az.	79°57'59"	0.038 sec	0.004 sec	0.111
	ΔHt.	104.320 ft	0.034 ft	0.077 ft	1.164
	Ellip Dist.	75818.370 ft	0.012 ft	-0.019 ft	-1.660
126 --> 106 (PV154)	Az.	216°11'50"	0.038 sec	0.018 sec	0.438
	ΔHt.	-60.229 ft	0.031 ft	0.007 ft	0.268
	Ellip Dist.	63530.292 ft	0.013 ft	-0.026 ft	-1.660

143 --> 120 (PV68)	Az.	157°29'33"	0.077 sec	0.113 sec	1.647
	ΔHt.	-500.735 ft	0.026 ft	-0.003 ft	-0.188
	Ellip Dist.	38790.048 ft	0.015 ft	0.003 ft	0.239
132 --> 121 (PV135)	Az.	172°45'48"	0.612 sec	-0.080 sec	-0.220
	ΔHt.	2.508 ft	0.022 ft	0.002 ft	0.325
	Ellip Dist.	4820.980 ft	0.016 ft	0.014 ft	1.646
140 --> 142 (PV59)	Az.	16°24'44"	0.043 sec	0.068 sec	1.640
	ΔHt.	139.705 ft	0.044 ft	0.011 ft	0.101
	Ellip Dist.	69344.510 ft	0.016 ft	0.006 ft	0.435
143 --> 142 (PV5)	Az.	195°32'48"	0.063 sec	0.053 sec	0.964
	ΔHt.	-678.506 ft	0.030 ft	0.009 ft	0.605
	Ellip Dist.	45140.356 ft	0.015 ft	0.022 ft	1.639
146 --> 157 (PV99)	Az.	93°34'27"	0.021 sec	0.010 sec	0.556
	ΔHt.	-171.320 ft	0.047 ft	0.099 ft	0.710
	Ellip Dist.	141741.983 ft	0.014 ft	-0.023 ft	-1.637
141 --> 131 (PV213)	Az.	325°56'05"	0.020 sec	0.006 sec	0.404
	ΔHt.	-41.112 ft	0.056 ft	0.121 ft	1.633
	Ellip Dist.	150170.779 ft	0.015 ft	-0.003 ft	-0.211
146 --> 152 (PV98)	Az.	52°24'12"	0.039 sec	-0.018 sec	-0.641
	ΔHt.	-201.112 ft	0.058 ft	0.104 ft	1.610
	Ellip Dist.	79818.430 ft	0.016 ft	0.013 ft	1.113
154 --> 102 (PV64)	Az.	23°47'28"	0.080 sec	-0.019 sec	-0.325
	ΔHt.	-1.957 ft	0.027 ft	-0.020 ft	-1.120
	Ellip Dist.	42699.538 ft	0.018 ft	0.021 ft	1.604
143 --> 111 (PV26)	Az.	164°55'59"	0.095 sec	0.116 sec	1.595
	ΔHt.	-722.855 ft	0.025 ft	0.024 ft	1.248
	Ellip Dist.	35245.751 ft	0.017 ft	0.005 ft	0.387
120 --> 111 (PV66)	Az.	287°36'22"	0.520 sec	-0.038 sec	-0.123
	ΔHt.	-222.120 ft	0.018 ft	-0.009 ft	-1.580
	Ellip Dist.	5965.373 ft	0.014 ft	0.003 ft	0.364
106 --> 156 (PV143)	Az.	158°04'57"	0.284 sec	-0.280 sec	-1.566

	ΔHt.	3.606 ft	0.029 ft	0.020 ft	1.342
	Ellip Dist.	13295.606 ft	0.018 ft	0.009 ft	0.845
162 --> 133 (PV166)	Az.	221°18'46"	0.232 sec	0.054 sec	0.357
	ΔHt.	-0.199 ft	0.026 ft	-0.016 ft	-1.060
	Ellip Dist.	14674.310 ft	0.019 ft	0.019 ft	1.556
167 --> 130 (PV127)	Az.	339°40'36"	0.219 sec	-0.037 sec	-0.265
	ΔHt.	-0.632 ft	0.054 ft	0.005 ft	0.178
	Ellip Dist.	18203.204 ft	0.021 ft	0.021 ft	1.556
147 --> 101 (PV219)	Az.	130°33'22"	0.098 sec	0.063 sec	0.826
	ΔHt.	17.627 ft	0.041 ft	-0.021 ft	-0.674
	Ellip Dist.	38449.340 ft	0.018 ft	0.022 ft	1.555
135 --> 123 (PV161)	Az.	216°43'07"	0.049 sec	0.014 sec	0.298
	ΔHt.	-75.351 ft	0.035 ft	0.031 ft	1.551
	Ellip Dist.	59863.266 ft	0.014 ft	-0.006 ft	-0.456
114 --> 154 (PV11)	Az.	124°15'00"	0.068 sec	-0.099 sec	-1.544
	ΔHt.	19.596 ft	0.031 ft	-0.007 ft	-0.071
	Ellip Dist.	43146.222 ft	0.014 ft	-0.009 ft	-0.615
159 --> 127 (PV217)	Az.	76°31'10"	0.077 sec	0.133 sec	1.540
	ΔHt.	31.980 ft	0.030 ft	0.011 ft	0.318
	Ellip Dist.	40894.284 ft	0.014 ft	0.018 ft	1.220
128 --> 139 (PV236)	Az.	93°50'52"	0.024 sec	-0.024 sec	-0.847
	ΔHt.	-431.827 ft	0.039 ft	-0.031 ft	-0.596
	Ellip Dist.	176016.561 ft	0.020 ft	-0.069 ft	-1.531
106 --> 155 (PV153)	Az.	312°16'54"	0.164 sec	-0.196 sec	-1.527
	ΔHt.	1.220 ft	0.049 ft	-0.039 ft	-0.666
	Ellip Dist.	21016.459 ft	0.015 ft	0.007 ft	0.607
157 --> 144 (PV118)	Az.	239°42'27"	0.037 sec	-0.013 sec	-0.430
	ΔHt.	198.655 ft	0.043 ft	-0.126 ft	-1.509
	Ellip Dist.	83996.490 ft	0.015 ft	-0.008 ft	-0.670
132 --> 135 (PV162)	Az.	68°06'42"	0.038 sec	-0.033 sec	-1.194
	ΔHt.	111.309 ft	0.038 ft	-0.082 ft	-1.236

	Ellip Dist.	86575.986 ft	0.014 ft	-0.016 ft	-1.506
129 --> 159 (PV225)	Az.	114°06'23"	0.110 sec	0.016 sec	0.140
	ΔHt.	5.651 ft	0.024 ft	0.007 ft	0.327
	Ellip Dist.	28861.955 ft	0.014 ft	0.020 ft	1.485
123 --> 121 (PV188)	Az.	284°08'34"	0.062 sec	-0.010 sec	-0.151
	ΔHt.	-33.450 ft	0.027 ft	0.017 ft	0.565
	Ellip Dist.	45434.775 ft	0.013 ft	0.021 ft	1.469
126 --> 106 (PV156)	Az.	216°11'50"	0.038 sec	-0.033 sec	-0.760
	ΔHt.	-60.229 ft	0.031 ft	-0.067 ft	-0.952
	Ellip Dist.	63530.292 ft	0.013 ft	0.019 ft	1.467
106 --> 157 (PV142)	Az.	166°51'42"	0.063 sec	-0.090 sec	-1.459
	ΔHt.	4.182 ft	0.029 ft	0.033 ft	0.408
	Ellip Dist.	42497.755 ft	0.014 ft	-0.011 ft	-0.770
153 --> 159 (PV223)	Az.	81°24'58"	0.144 sec	0.010 sec	0.057
	ΔHt.	-2.594 ft	0.023 ft	0.005 ft	0.266
	Ellip Dist.	17925.058 ft	0.012 ft	0.019 ft	1.459
142 --> 111 (PV27)	Az.	66°00'01"	0.143 sec	-0.013 sec	-0.122
	ΔHt.	-44.349 ft	0.029 ft	0.007 ft	0.396
	Ellip Dist.	23268.131 ft	0.016 ft	0.018 ft	1.446
108 --> 152 (PV87)	Az.	170°23'58"	0.154 sec	0.039 sec	0.381
	ΔHt.	4.979 ft	0.057 ft	-0.012 ft	-0.220
	Ellip Dist.	20396.457 ft	0.016 ft	0.015 ft	1.421
109 --> 167 (PV149)	Az.	237°32'29"	0.153 sec	-0.240 sec	-1.418
	ΔHt.	-5.899 ft	0.038 ft	-0.034 ft	-0.922
	Ellip Dist.	18858.181 ft	0.014 ft	0.010 ft	0.645
146 --> 147 (PV101)	Az.	103°03'52"	0.020 sec	-0.022 sec	-1.252
	ΔHt.	-162.554 ft	0.050 ft	0.114 ft	0.900
	Ellip Dist.	147534.023 ft	0.014 ft	-0.019 ft	-1.411
141 --> 140 (PV22)	Az.	134°06'39"	0.051 sec	-0.074 sec	-1.399
	ΔHt.	7.825 ft	0.028 ft	-0.036 ft	-0.735
	Ellip Dist.	49266.128 ft	0.012 ft	0.005 ft	0.433

138 --> 166 (PV81)	Az.	118°13'29"	0.031 sec	0.030 sec	1.269
	ΔHt.	-148.493 ft	0.045 ft	-0.102 ft	-1.178
	Ellip Dist.	116021.446 ft	0.018 ft	-0.029 ft	-1.395
110 --> 119 (PV107)	Az.	48°23'10"	0.043 sec	0.029 sec	0.711
	ΔHt.	41.955 ft	0.029 ft	-0.021 ft	-1.389
	Ellip Dist.	64250.284 ft	0.014 ft	0.001 ft	0.071
105 --> 116 (PV186)	Az.	299°05'52"	0.148 sec	0.023 sec	0.206
	ΔHt.	-10.369 ft	0.034 ft	-0.034 ft	-0.547
	Ellip Dist.	22017.166 ft	0.016 ft	0.016 ft	1.369
109 --> 110 (PV147)	Az.	298°31'36"	0.063 sec	-0.075 sec	-0.892
	ΔHt.	-8.305 ft	0.035 ft	-0.041 ft	-1.078
	Ellip Dist.	41920.399 ft	0.012 ft	-0.020 ft	-1.365
129 --> 121 (PV187)	Az.	346°21'39"	0.063 sec	-0.083 sec	-1.354
	ΔHt.	-15.910 ft	0.031 ft	-0.017 ft	-0.442
	Ellip Dist.	47101.358 ft	0.016 ft	0.001 ft	0.058
126 --> 119 (PV112)	Az.	303°17'06"	0.027 sec	-0.001 sec	-0.037
	ΔHt.	-56.137 ft	0.037 ft	0.040 ft	1.353
	Ellip Dist.	116685.249 ft	0.015 ft	0.001 ft	0.096
106 --> 107 (PV167)	Az.	308°00'33"	0.113 sec	-0.120 sec	-1.351
	ΔHt.	-2.761 ft	0.056 ft	-0.025 ft	-0.392
	Ellip Dist.	33943.038 ft	0.016 ft	0.003 ft	0.261
142 --> 165 (PV58)	Az.	178°05'11"	0.126 sec	0.132 sec	1.350
	ΔHt.	-57.946 ft	0.046 ft	0.005 ft	0.148
	Ellip Dist.	28397.962 ft	0.019 ft	0.020 ft	1.267
105 --> 127 (PV216)	Az.	41°15'33"	0.083 sec	0.133 sec	1.347
	ΔHt.	18.402 ft	0.027 ft	-0.024 ft	-0.793
	Ellip Dist.	33680.096 ft	0.013 ft	0.013 ft	0.853
158 --> 159 (PV224)	Az.	156°09'32"	0.258 sec	-0.059 sec	-0.350
	ΔHt.	0.950 ft	0.025 ft	0.012 ft	0.905
	Ellip Dist.	13062.418 ft	0.017 ft	0.015 ft	1.314
143 --> 131 (PV211)	Az.	287°59'28"	0.021 sec	0.014 sec	0.908

	ΔHt.	-867.148 ft	0.063 ft	0.017 ft	0.240
	Ellip Dist.	158629.972 ft	0.015 ft	-0.014 ft	-1.312
115 --> 114 (PV14)	Az.	10°27'25"	0.050 sec	0.026 sec	0.543
	ΔHt.	38.679 ft	0.031 ft	-0.067 ft	-1.312
	Ellip Dist.	52597.113 ft	0.013 ft	0.001 ft	0.059
114 --> 160 (PV182)	Az.	3°32'29"	0.287 sec	0.048 sec	0.262
	ΔHt.	3.695 ft	0.024 ft	-0.014 ft	-1.296
	Ellip Dist.	10722.118 ft	0.017 ft	-0.006 ft	-0.554
128 --> 125 (PV50)	Az.	32°30'50"	0.030 sec	-0.010 sec	-0.325
	ΔHt.	-435.773 ft	0.025 ft	-0.092 ft	-1.283
	Ellip Dist.	85629.903 ft	0.013 ft	0.002 ft	0.148
155 --> 107 (PV169)	Az.	301°06'06"	0.296 sec	-0.046 sec	-0.286
	ΔHt.	-3.981 ft	0.058 ft	0.008 ft	0.196
	Ellip Dist.	13079.030 ft	0.016 ft	0.012 ft	1.280
141 --> 134 (PV10)	Az.	94°26'34"	0.059 sec	-0.003 sec	-0.043
	ΔHt.	6.588 ft	0.043 ft	-0.051 ft	-1.258
	Ellip Dist.	55632.688 ft	0.014 ft	0.008 ft	0.554
157 --> 162 (PV158)	Az.	40°19'13"	0.099 sec	0.012 sec	0.117
	ΔHt.	8.059 ft	0.023 ft	-0.026 ft	-1.254
	Ellip Dist.	27951.610 ft	0.015 ft	-0.011 ft	-0.787
128 --> 125 (PV51)	Az.	32°30'50"	0.030 sec	0.031 sec	1.076
	ΔHt.	-435.773 ft	0.025 ft	0.000 ft	-0.031
	Ellip Dist.	85629.903 ft	0.013 ft	0.016 ft	1.247
108 --> 109 (PV89)	Az.	359°58'11"	0.163 sec	0.159 sec	1.015
	ΔHt.	1.031 ft	0.037 ft	-0.036 ft	-1.244
	Ellip Dist.	15990.170 ft	0.014 ft	0.015 ft	1.025
162 --> 156 (PV165)	Az.	288°48'40"	0.179 sec	-0.037 sec	-0.266
	ΔHt.	-8.634 ft	0.029 ft	-0.028 ft	-1.233
	Ellip Dist.	24052.883 ft	0.017 ft	0.009 ft	0.720
105 --> 153 (PV32)	Az.	290°26'49"	0.067 sec	-0.101 sec	-1.232
	ΔHt.	-10.984 ft	0.024 ft	0.004 ft	0.178

	Ellip Dist.	37663.284 ft	0.011 ft	0.010 ft	0.733
139 --> 115 (PV55)	Az.	302°32'56"	0.082 sec	0.002 sec	0.028
	ΔHt.	-14.180 ft	0.036 ft	-0.041 ft	-1.226
	Ellip Dist.	41107.063 ft	0.017 ft	-0.004 ft	-0.266
159 --> 116 (PV180)	Az.	198°08'29"	0.571 sec	-0.251 sec	-0.805
	ΔHt.	3.209 ft	0.022 ft	0.005 ft	1.213
	Ellip Dist.	5371.505 ft	0.015 ft	0.000 ft	-0.058
119 --> 166 (PV108)	Az.	184°09'48"	0.060 sec	0.032 sec	0.747
	ΔHt.	-21.786 ft	0.037 ft	0.015 ft	1.208
	Ellip Dist.	54955.240 ft	0.017 ft	0.001 ft	0.097
105 --> 114 (PV31)	Az.	85°06'24"	0.063 sec	-0.033 sec	-0.525
	ΔHt.	46.665 ft	0.027 ft	0.027 ft	1.204
	Ellip Dist.	48922.400 ft	0.014 ft	0.003 ft	0.243
157 --> 137 (PV86)	Az.	278°48'30"	0.061 sec	0.041 sec	0.732
	ΔHt.	-14.440 ft	0.038 ft	0.032 ft	1.184
	Ellip Dist.	50444.489 ft	0.014 ft	0.006 ft	0.399
116 --> 127 (PV218)	Az.	70°32'32"	0.082 sec	0.080 sec	0.958
	ΔHt.	28.771 ft	0.034 ft	0.041 ft	1.163
	Ellip Dist.	43949.290 ft	0.016 ft	0.003 ft	0.224
109 --> 110 (PV92)	Az.	298°31'36"	0.063 sec	0.009 sec	0.146
	ΔHt.	-8.305 ft	0.035 ft	-0.019 ft	-0.469
	Ellip Dist.	41920.399 ft	0.012 ft	0.014 ft	1.155
123 --> 158 (PV190)	Az.	199°04'32"	0.090 sec	-0.011 sec	-0.149
	ΔHt.	-12.838 ft	0.026 ft	0.013 ft	0.656
	Ellip Dist.	36561.538 ft	0.018 ft	0.017 ft	1.151
106 --> 124 (PV151)	Az.	116°55'31"	0.065 sec	-0.017 sec	-0.311
	ΔHt.	40.049 ft	0.030 ft	-0.032 ft	-1.150
	Ellip Dist.	51037.173 ft	0.015 ft	-0.006 ft	-0.415
157 --> 162 (PV164)	Az.	40°19'13"	0.099 sec	-0.041 sec	-0.419
	ΔHt.	8.059 ft	0.023 ft	0.025 ft	1.141
	Ellip Dist.	27951.610 ft	0.015 ft	0.007 ft	0.426

147 --> 144 (PV119)	Az.	256°33'40"	0.035 sec	-0.039 sec	-1.137
	ΔHt.	189.889 ft	0.035 ft	-0.024 ft	-0.512
	Ellip Dist.	76754.914 ft	0.013 ft	0.005 ft	0.373
148 --> 119 (PV111)	Az.	316°27'49"	0.098 sec	-0.025 sec	-0.327
	ΔHt.	-22.995 ft	0.058 ft	0.062 ft	0.700
	Ellip Dist.	38598.065 ft	0.019 ft	0.016 ft	1.119
106 --> 133 (PV144)	Az.	149°51'08"	0.104 sec	-0.090 sec	-1.111
	ΔHt.	12.041 ft	0.030 ft	-0.007 ft	-0.335
	Ellip Dist.	35964.150 ft	0.018 ft	-0.012 ft	-0.864
137 --> 167 (PV125)	Az.	328°04'05"	0.033 sec	0.009 sec	0.223
	ΔHt.	-25.199 ft	0.039 ft	0.040 ft	1.108
	Ellip Dist.	89737.235 ft	0.014 ft	0.007 ft	0.516
128 --> 105 (PV47)	Az.	60°26'13"	0.024 sec	-0.023 sec	-1.102
	ΔHt.	-453.992 ft	0.026 ft	-0.003 ft	-0.129
	Ellip Dist.	116565.957 ft	0.014 ft	-0.006 ft	-0.479
160 --> 103 (PV175)	Az.	84°40'08"	0.241 sec	-0.003 sec	-0.022
	ΔHt.	21.259 ft	0.027 ft	0.003 ft	0.167
	Ellip Dist.	16533.703 ft	0.017 ft	0.012 ft	1.098
115 --> 163 (PV43)	Az.	35°00'56"	0.042 sec	-0.024 sec	-0.554
	ΔHt.	78.304 ft	0.031 ft	0.033 ft	1.083
	Ellip Dist.	69490.111 ft	0.014 ft	-0.007 ft	-0.501
110 --> 166 (PV77)	Az.	105°23'13"	0.072 sec	0.017 sec	0.292
	ΔHt.	20.170 ft	0.043 ft	-0.024 ft	-0.404
	Ellip Dist.	45783.345 ft	0.016 ft	0.012 ft	1.078
114 --> 103 (PV181)	Az.	54°26'53"	0.160 sec	0.131 sec	1.075
	ΔHt.	24.954 ft	0.027 ft	-0.001 ft	-0.027
	Ellip Dist.	21048.052 ft	0.017 ft	0.004 ft	0.312
147 --> 129 (PV198)	Az.	142°59'58"	0.060 sec	-0.005 sec	-0.086
	ΔHt.	21.940 ft	0.033 ft	-0.005 ft	-0.148
	Ellip Dist.	49656.395 ft	0.015 ft	0.016 ft	1.072
134 --> 113 (PV23)	Az.	40°02'18"	0.119 sec	0.038 sec	0.454

	ΔHt.	23.468 ft	0.059 ft	-0.068 ft	-0.832
	Ellip Dist.	28162.424 ft	0.017 ft	0.013 ft	1.071
138 --> 110 (PV80)	Az.	126°24'27"	0.039 sec	-0.027 sec	-0.810
	ΔHt.	-168.663 ft	0.033 ft	-0.046 ft	-1.011
	Ellip Dist.	72138.588 ft	0.014 ft	0.013 ft	1.069
101 --> 121 (PV220)	Az.	341°25'58"	0.110 sec	-0.051 sec	-0.607
	ΔHt.	-11.597 ft	0.040 ft	-0.003 ft	-0.092
	Ellip Dist.	32823.032 ft	0.019 ft	0.016 ft	1.067
128 --> 122 (PV53)	Az.	55°42'44"	0.035 sec	-0.009 sec	-0.367
	ΔHt.	-451.716 ft	0.028 ft	0.004 ft	0.217
	Ellip Dist.	94561.968 ft	0.017 ft	0.012 ft	1.061
123 --> 101 (PV222)	Az.	239°14'16"	0.093 sec	0.022 sec	0.308
	ΔHt.	-21.853 ft	0.037 ft	0.019 ft	0.637
	Ellip Dist.	39152.610 ft	0.017 ft	0.014 ft	1.053
120 --> 112 (PV72)	Az.	234°42'40"	0.253 sec	-0.172 sec	-0.737
	ΔHt.	-298.154 ft	0.024 ft	0.046 ft	1.049
	Ellip Dist.	9225.932 ft	0.011 ft	0.007 ft	0.655
123 --> 159 (PV226)	Az.	188°10'02"	0.058 sec	-0.062 sec	-1.047
	ΔHt.	-11.888 ft	0.026 ft	-0.004 ft	-0.216
	Ellip Dist.	46980.455 ft	0.015 ft	0.011 ft	0.679
114 --> 115 (PV18)	Az.	190°28'35"	0.050 sec	0.054 sec	1.042
	ΔHt.	-38.679 ft	0.031 ft	0.047 ft	0.547
	Ellip Dist.	52597.113 ft	0.013 ft	-0.007 ft	-0.558
126 --> 107 (PV170)	Az.	244°43'28"	0.048 sec	0.028 sec	0.689
	ΔHt.	-62.990 ft	0.051 ft	0.002 ft	0.089
	Ellip Dist.	71035.226 ft	0.017 ft	-0.016 ft	-1.034
147 --> 125 (PV8)	Az.	160°34'05"	0.051 sec	-0.003 sec	-0.061
	ΔHt.	59.388 ft	0.037 ft	-0.021 ft	-0.280
	Ellip Dist.	55597.112 ft	0.015 ft	-0.013 ft	-1.017
126 --> 135 (PV128)	Az.	135°33'08"	0.034 sec	0.003 sec	0.039
	ΔHt.	67.548 ft	0.042 ft	0.049 ft	0.659

	Ellip Dist.	103756.519 ft	0.018 ft	-0.050 ft	-1.016
126 --> 148 (PV76)	Az.	296°52'11"	0.049 sec	0.010 sec	0.295
	ΔHt.	-33.142 ft	0.052 ft	0.027 ft	1.010
	Ellip Dist.	79625.217 ft	0.017 ft	0.006 ft	0.495
139 --> 163 (PV54)	Az.	3°50'03"	0.037 sec	0.009 sec	0.296
	ΔHt.	64.124 ft	0.029 ft	0.024 ft	0.967
	Ellip Dist.	79156.562 ft	0.015 ft	0.013 ft	1.003
140 --> 165 (PV37)	Az.	28°19'51"	0.085 sec	0.070 sec	1.001
	ΔHt.	81.760 ft	0.045 ft	-0.023 ft	-0.563
	Ellip Dist.	43327.088 ft	0.019 ft	0.008 ft	0.498
123 --> 127 (PV228)	Az.	138°10'22"	0.057 sec	-0.062 sec	-0.995
	ΔHt.	20.092 ft	0.032 ft	0.012 ft	0.333
	Ellip Dist.	49627.505 ft	0.014 ft	-0.012 ft	-0.830
120 --> 112 (PV73)	Az.	234°42'40"	0.253 sec	-0.035 sec	-0.151
	ΔHt.	-298.154 ft	0.024 ft	0.031 ft	0.990
	Ellip Dist.	9225.932 ft	0.011 ft	0.006 ft	0.545
145 --> 134 (PV3)	Az.	272°37'32"	0.051 sec	0.009 sec	0.218
	ΔHt.	-207.443 ft	0.040 ft	0.009 ft	0.382
	Ellip Dist.	67506.262 ft	0.015 ft	-0.011 ft	-0.987
139 --> 114 (PV57)	Az.	341°15'52"	0.039 sec	0.029 sec	0.960
	ΔHt.	24.499 ft	0.031 ft	-0.024 ft	-0.981
	Ellip Dist.	77959.165 ft	0.015 ft	-0.010 ft	-0.757
157 --> 156 (PV131)	Az.	350°50'09"	0.122 sec	-0.094 sec	-0.977
	ΔHt.	-0.575 ft	0.030 ft	0.009 ft	0.378
	Ellip Dist.	29427.976 ft	0.019 ft	-0.002 ft	-0.159
141 --> 140 (PV20)	Az.	134°06'39"	0.051 sec	0.014 sec	0.247
	ΔHt.	7.825 ft	0.028 ft	-0.033 ft	-0.392
	Ellip Dist.	49266.128 ft	0.012 ft	-0.013 ft	-0.962
154 --> 141 (PV12)	Az.	12°07'18"	0.046 sec	0.000 sec	-0.010
	ΔHt.	56.461 ft	0.026 ft	-0.016 ft	-0.953
	Ellip Dist.	59933.449 ft	0.015 ft	0.012 ft	0.871

109 --> 119 (PV105)	Az.	10°11'41"	0.039 sec	0.033 sec	0.943
	ΔHt.	33.651 ft	0.036 ft	0.001 ft	0.023
	Ellip Dist.	63629.036 ft	0.013 ft	0.008 ft	0.662
167 --> 150 (PV116)	Az.	306°56'30"	0.077 sec	-0.020 sec	-0.341
	ΔHt.	23.320 ft	0.032 ft	-0.001 ft	-0.074
	Ellip Dist.	44491.835 ft	0.016 ft	0.012 ft	0.940
146 --> 137 (PV103)	Az.	90°51'16"	0.028 sec	-0.010 sec	-0.300
	ΔHt.	-185.760 ft	0.041 ft	0.049 ft	0.936
	Ellip Dist.	91588.206 ft	0.012 ft	0.004 ft	0.397
125 --> 105 (PV33)	Az.	104°57'39"	0.054 sec	-0.013 sec	-0.265
	ΔHt.	-18.219 ft	0.026 ft	0.004 ft	0.234
	Ellip Dist.	57281.592 ft	0.014 ft	-0.011 ft	-0.934
146 --> 167 (PV121)	Az.	30°26'35"	0.027 sec	-0.017 sec	-0.607
	ΔHt.	-210.960 ft	0.035 ft	-0.048 ft	-0.931
	Ellip Dist.	86570.405 ft	0.012 ft	0.001 ft	0.114
134 --> 165 (PV38)	Az.	3°03'19"	0.421 sec	0.150 sec	0.642
	ΔHt.	82.997 ft	0.040 ft	0.012 ft	0.720
	Ellip Dist.	8192.094 ft	0.018 ft	0.009 ft	0.913
138 --> 110 (PV79)	Az.	126°24'27"	0.039 sec	0.011 sec	0.320
	ΔHt.	-168.663 ft	0.033 ft	-0.049 ft	-0.905
	Ellip Dist.	72138.588 ft	0.014 ft	-0.009 ft	-0.738
157 --> 133 (PV133)	Az.	39°15'53"	0.247 sec	0.043 sec	0.269
	ΔHt.	7.860 ft	0.026 ft	0.012 ft	0.877
	Ellip Dist.	13281.593 ft	0.018 ft	0.006 ft	0.508
142 --> 134 (PV60)	Az.	179°11'53"	0.079 sec	0.054 sec	0.645
	ΔHt.	-140.943 ft	0.043 ft	-0.008 ft	-0.185
	Ellip Dist.	36566.165 ft	0.015 ft	0.016 ft	0.875
146 --> 144 (PV117)	Az.	126°42'52"	0.036 sec	0.012 sec	0.399
	ΔHt.	27.335 ft	0.051 ft	-0.073 ft	-0.866
	Ellip Dist.	86268.806 ft	0.015 ft	0.005 ft	0.402
130 --> 110 (PV138)	Az.	311°46'12"	0.211 sec	-0.020 sec	-0.154

	ΔHt.	-1.774 ft	0.054 ft	-0.020 ft	-0.766
	Ellip Dist.	19598.497 ft	0.019 ft	0.010 ft	0.862
109 --> 166 (PV94)	Az.	43°02'14"	0.299 sec	-0.073 sec	-0.403
	ΔHt.	11.865 ft	0.046 ft	-0.021 ft	-0.566
	Ellip Dist.	10688.852 ft	0.016 ft	0.008 ft	0.859
127 --> 103 (PV209)	Az.	101°32'41"	0.087 sec	-0.027 sec	-0.406
	ΔHt.	53.217 ft	0.028 ft	0.004 ft	0.172
	Ellip Dist.	44530.129 ft	0.016 ft	0.010 ft	0.853
135 --> 141 (PV176)	Az.	134°57'20"	0.028 sec	0.005 sec	0.204
	ΔHt.	49.062 ft	0.047 ft	0.040 ft	0.599
	Ellip Dist.	101627.474 ft	0.014 ft	-0.010 ft	-0.852
157 --> 124 (PV145)	Az.	63°00'25"	0.082 sec	-0.020 sec	-0.259
	ΔHt.	35.868 ft	0.028 ft	-0.013 ft	-0.629
	Ellip Dist.	40234.167 ft	0.015 ft	0.011 ft	0.844
120 --> 134 (PV69)	Az.	210°55'12"	0.054 sec	0.018 sec	0.383
	ΔHt.	-318.714 ft	0.043 ft	0.073 ft	0.839
	Ellip Dist.	51524.372 ft	0.014 ft	-0.009 ft	-0.723
126 --> 106 (PV155)	Az.	216°11'50"	0.038 sec	-0.060 sec	-0.839
	ΔHt.	-60.229 ft	0.031 ft	0.034 ft	0.798
	Ellip Dist.	63530.292 ft	0.013 ft	-0.007 ft	-0.280
147 --> 123 (PV199)	Az.	94°27'32"	0.047 sec	0.043 sec	0.839
	ΔHt.	39.479 ft	0.032 ft	-0.021 ft	-0.670
	Ellip Dist.	63001.832 ft	0.013 ft	0.009 ft	0.636
110 --> 167 (PV115)	Az.	145°09'40"	0.070 sec	-0.062 sec	-0.832
	ΔHt.	2.405 ft	0.032 ft	0.050 ft	0.733
	Ellip Dist.	36688.856 ft	0.013 ft	0.007 ft	0.522
127 --> 135 (PV184)	Az.	1°50'33"	0.030 sec	-0.023 sec	-0.832
	ΔHt.	55.259 ft	0.042 ft	0.004 ft	0.056
	Ellip Dist.	85052.551 ft	0.014 ft	-0.009 ft	-0.671
125 --> 153 (PV15)	Az.	94°51'10"	0.149 sec	-0.113 sec	-0.831
	ΔHt.	-29.203 ft	0.025 ft	-0.013 ft	-0.715

	Ellip Dist.	20095.704 ft	0.014 ft	0.009 ft	0.718
153 --> 123 (PV206)	Az.	26°20'45"	0.047 sec	-0.040 sec	-0.821
	ΔHt.	9.294 ft	0.026 ft	0.013 ft	0.195
	Ellip Dist.	54886.114 ft	0.013 ft	0.002 ft	0.137
120 --> 142 (PV70)	Az.	254°10'32"	0.105 sec	-0.041 sec	-0.444
	ΔHt.	-177.772 ft	0.032 ft	0.010 ft	0.149
	Ellip Dist.	28013.294 ft	0.014 ft	0.010 ft	0.819
132 --> 123 (PV129)	Az.	109°29'21"	0.067 sec	0.021 sec	0.360
	ΔHt.	35.958 ft	0.029 ft	-0.020 ft	-0.818
	Ellip Dist.	47398.367 ft	0.015 ft	-0.008 ft	-0.643
140 --> 134 (PV19)	Az.	33°54'03"	0.087 sec	0.082 sec	0.707
	ΔHt.	-1.238 ft	0.042 ft	0.009 ft	0.130
	Ellip Dist.	36092.198 ft	0.016 ft	0.013 ft	0.815
145 --> 112 (PV1)	Az.	310°53'16"	0.050 sec	0.033 sec	0.810
	ΔHt.	-186.882 ft	0.035 ft	-0.006 ft	-0.234
	Ellip Dist.	64066.584 ft	0.015 ft	-0.006 ft	-0.493
153 --> 158 (PV200)	Az.	40°23'25"	0.174 sec	0.023 sec	0.176
	ΔHt.	-3.544 ft	0.025 ft	0.003 ft	0.168
	Ellip Dist.	19196.417 ft	0.017 ft	0.010 ft	0.801
137 --> 108 (PV74)	Az.	335°49'18"	0.035 sec	-0.026 sec	-0.747
	ΔHt.	-20.331 ft	0.040 ft	0.001 ft	0.021
	Ellip Dist.	77028.004 ft	0.013 ft	0.010 ft	0.799
109 --> 148 (PV91)	Az.	47°31'51"	0.075 sec	-0.046 sec	-0.796
	ΔHt.	56.646 ft	0.058 ft	-0.013 ft	-0.149
	Ellip Dist.	51363.175 ft	0.018 ft	-0.001 ft	-0.063
141 --> 142 (PV61)	Az.	59°33'31"	0.048 sec	-0.026 sec	-0.568
	ΔHt.	147.530 ft	0.045 ft	-0.014 ft	-0.128
	Ellip Dist.	63656.937 ft	0.014 ft	0.010 ft	0.791
147 --> 157 (PV85)	Az.	355°03'16"	0.116 sec	-0.085 sec	-0.787
	ΔHt.	-8.766 ft	0.040 ft	-0.020 ft	-0.269
	Ellip Dist.	24616.581 ft	0.014 ft	0.009 ft	0.710

112 --> 113 (PV25)	Az.	182°39'06"	0.175 sec	0.058 sec	0.462
	ΔHt.	2.907 ft	0.055 ft	-0.036 ft	-0.581
	Ellip Dist.	17346.689 ft	0.017 ft	0.009 ft	0.778
126 --> 108 (PV84)	Az.	262°24'48"	0.023 sec	0.022 sec	0.774
	ΔHt.	-90.819 ft	0.030 ft	0.009 ft	0.287
	Ellip Dist.	110071.970 ft	0.011 ft	-0.004 ft	-0.276
153 --> 116 (PV205)	Az.	98°36'25"	0.195 sec	0.107 sec	0.750
	ΔHt.	0.615 ft	0.030 ft	-0.023 ft	-0.416
	Ellip Dist.	16237.879 ft	0.015 ft	0.008 ft	0.774
126 --> 109 (PV93)	Az.	270°45'58"	0.029 sec	-0.021 sec	-0.750
	ΔHt.	-89.788 ft	0.038 ft	-0.022 ft	-0.740
	Ellip Dist.	109063.304 ft	0.013 ft	-0.009 ft	-0.757
129 --> 153 (PV204)	Az.	149°12'41"	0.161 sec	-0.021 sec	-0.083
	ΔHt.	8.245 ft	0.023 ft	0.009 ft	0.276
	Ellip Dist.	16842.906 ft	0.014 ft	0.017 ft	0.750
145 --> 113 (PV24)	Az.	296°32'37"	0.067 sec	0.033 sec	0.743
	ΔHt.	-183.975 ft	0.049 ft	0.012 ft	0.719
	Ellip Dist.	55071.252 ft	0.016 ft	0.005 ft	0.430
132 --> 162 (PV159)	Az.	356°30'47"	0.095 sec	0.030 sec	0.411
	ΔHt.	-4.229 ft	0.030 ft	-0.016 ft	-0.731
	Ellip Dist.	35014.811 ft	0.019 ft	-0.010 ft	-0.620
157 --> 132 (PV132)	Az.	123°58'08"	0.135 sec	0.058 sec	0.462
	ΔHt.	12.287 ft	0.030 ft	-0.013 ft	-0.604
	Ellip Dist.	24406.661 ft	0.016 ft	-0.010 ft	-0.727
153 --> 129 (PV203)	Az.	329°13'45"	0.161 sec	0.108 sec	0.702
	ΔHt.	-8.245 ft	0.023 ft	0.001 ft	0.084
	Ellip Dist.	16842.906 ft	0.014 ft	0.010 ft	0.725
121 --> 123 (PV134)	Az.	104°03'08"	0.062 sec	0.030 sec	0.443
	ΔHt.	33.450 ft	0.027 ft	0.003 ft	0.128
	Ellip Dist.	45434.775 ft	0.013 ft	-0.011 ft	-0.722
108 --> 155 (PV140)	Az.	111°42'29"	0.056 sec	-0.005 sec	-0.114

	ΔHt.	31.809 ft	0.048 ft	-0.008 ft	-0.139
	Ellip Dist.	60434.587 ft	0.014 ft	-0.008 ft	-0.717
109 --> 119 (PV109)	Az.	10°11'41"	0.039 sec	0.032 sec	0.710
	ΔHt.	33.651 ft	0.036 ft	0.048 ft	0.430
	Ellip Dist.	63629.036 ft	0.013 ft	0.009 ft	0.516
145 --> 120 (PV71)	Az.	319°07'37"	0.050 sec	-0.028 sec	-0.704
	ΔHt.	111.271 ft	0.035 ft	0.001 ft	0.065
	Ellip Dist.	62494.097 ft	0.015 ft	-0.007 ft	-0.577
141 --> 165 (PV39)	Az.	86°02'12"	0.070 sec	-0.017 sec	-0.290
	ΔHt.	89.585 ft	0.045 ft	-0.024 ft	-0.687
	Ellip Dist.	56019.866 ft	0.017 ft	-0.007 ft	-0.503
128 --> 153 (PV48)	Az.	43°07'05"	0.028 sec	0.008 sec	0.289
	ΔHt.	-464.977 ft	0.027 ft	0.009 ft	0.343
	Ellip Dist.	96638.727 ft	0.014 ft	-0.009 ft	-0.687
146 --> 138 (PV95)	Az.	346°36'58"	0.022 sec	0.023 sec	0.388
	ΔHt.	-44.702 ft	0.042 ft	-0.031 ft	-0.307
	Ellip Dist.	151742.180 ft	0.017 ft	-0.027 ft	-0.676
153 --> 105 (PV201)	Az.	110°22'29"	0.067 sec	0.029 sec	0.399
	ΔHt.	10.984 ft	0.024 ft	-0.043 ft	-0.671
	Ellip Dist.	37663.284 ft	0.011 ft	-0.007 ft	-0.578
112 --> 142 (PV2)	Az.	263°12'14"	0.152 sec	-0.047 sec	-0.360
	ΔHt.	120.382 ft	0.033 ft	0.016 ft	0.253
	Ellip Dist.	19557.765 ft	0.014 ft	0.009 ft	0.664
123 --> 129 (PV178)	Az.	223°34'43"	0.053 sec	0.024 sec	0.392
	ΔHt.	-17.539 ft	0.022 ft	-0.013 ft	-0.661
	Ellip Dist.	47878.520 ft	0.012 ft	-0.002 ft	-0.119
146 --> 167 (PV122)	Az.	30°26'35"	0.027 sec	0.032 sec	0.270
	ΔHt.	-210.960 ft	0.035 ft	-0.010 ft	-0.087
	Ellip Dist.	86570.405 ft	0.012 ft	0.025 ft	0.653
143 --> 141 (PV195)	Az.	221°34'12"	0.027 sec	0.006 sec	0.249
	ΔHt.	-826.037 ft	0.044 ft	-0.029 ft	-0.454

	Ellip Dist.	101061.542 ft	0.014 ft	-0.008 ft	-0.642
105 --> 115 (PV29)	Az.	140°27'21"	0.052 sec	-0.004 sec	-0.099
	ΔHt.	7.986 ft	0.029 ft	-0.011 ft	-0.551
	Ellip Dist.	61680.313 ft	0.016 ft	-0.009 ft	-0.637
147 --> 137 (PV75)	Az.	301°49'25"	0.050 sec	-0.029 sec	-0.630
	ΔHt.	-23.206 ft	0.039 ft	0.000 ft	0.010
	Ellip Dist.	61165.950 ft	0.015 ft	0.004 ft	0.291
115 --> 104 (PV13)	Az.	325°30'06"	0.068 sec	-0.006 sec	-0.129
	ΔHt.	7.503 ft	0.031 ft	0.011 ft	0.614
	Ellip Dist.	54501.294 ft	0.019 ft	0.007 ft	0.612
108 --> 148 (PV83)	Az.	36°46'50"	0.058 sec	0.006 sec	0.145
	ΔHt.	57.676 ft	0.052 ft	-0.018 ft	-0.605
	Ellip Dist.	63263.715 ft	0.018 ft	-0.003 ft	-0.246
156 --> 133 (PV130)	Az.	145°05'31"	0.190 sec	0.015 sec	0.116
	ΔHt.	8.435 ft	0.031 ft	0.013 ft	0.604
	Ellip Dist.	22884.751 ft	0.019 ft	0.008 ft	0.604
146 --> 108 (PV100)	Az.	40°59'42"	0.027 sec	-0.015 sec	-0.601
	ΔHt.	-206.091 ft	0.041 ft	0.017 ft	0.266
	Ellip Dist.	91154.747 ft	0.012 ft	-0.002 ft	-0.133
122 --> 153 (PV16)	Az.	325°11'46"	0.169 sec	-0.055 sec	-0.430
	ΔHt.	-13.260 ft	0.027 ft	-0.002 ft	-0.125
	Ellip Dist.	21072.738 ft	0.016 ft	0.007 ft	0.585
144 --> 137 (PV120)	Az.	24°12'28"	0.056 sec	-0.001 sec	-0.013
	ΔHt.	-213.095 ft	0.041 ft	-0.003 ft	-0.117
	Ellip Dist.	54987.722 ft	0.015 ft	0.008 ft	0.568
108 --> 119 (PV110)	Az.	8°08'47"	0.035 sec	-0.010 sec	-0.304
	ΔHt.	34.681 ft	0.036 ft	0.019 ft	0.565
	Ellip Dist.	79415.992 ft	0.015 ft	-0.008 ft	-0.511
146 --> 137 (PV104)	Az.	90°51'16"	0.028 sec	-0.004 sec	-0.138
	ΔHt.	-185.760 ft	0.041 ft	0.038 ft	0.553
	Ellip Dist.	91588.206 ft	0.012 ft	-0.001 ft	-0.052

153 --> 159 (PV202)	Az.	81°24'58"	0.144 sec	0.018 sec	0.130
	ΔHt.	-2.594 ft	0.023 ft	0.018 ft	0.316
	Ellip Dist.	17925.058 ft	0.012 ft	-0.007 ft	-0.548
128 --> 125 (PV49)	Az.	32°30'50"	0.030 sec	-0.027 sec	-0.350
	ΔHt.	-435.773 ft	0.025 ft	-0.044 ft	-0.543
	Ellip Dist.	85629.903 ft	0.013 ft	-0.005 ft	-0.116
129 --> 158 (PV189)	Az.	89°34'36"	0.180 sec	0.069 sec	0.518
	ΔHt.	4.701 ft	0.025 ft	0.003 ft	0.185
	Ellip Dist.	21056.588 ft	0.016 ft	0.006 ft	0.523
146 --> 137 (PV102)	Az.	90°51'16"	0.028 sec	-0.013 sec	-0.183
	ΔHt.	-185.760 ft	0.041 ft	0.026 ft	0.517
	Ellip Dist.	91588.206 ft	0.012 ft	0.000 ft	0.014
112 --> 134 (PV4)	Az.	205°58'01"	0.064 sec	0.028 sec	0.482
	ΔHt.	-20.561 ft	0.044 ft	-0.014 ft	-0.151
	Ellip Dist.	43242.907 ft	0.014 ft	0.000 ft	-0.011
125 --> 144 (PV35)	Az.	290°24'38"	0.032 sec	0.011 sec	0.471
	ΔHt.	130.501 ft	0.035 ft	-0.008 ft	-0.349
	Ellip Dist.	99365.129 ft	0.015 ft	-0.005 ft	-0.432
110 --> 167 (PV139)	Az.	145°09'40"	0.070 sec	-0.013 sec	-0.150
	ΔHt.	2.405 ft	0.032 ft	0.001 ft	0.019
	Ellip Dist.	36688.856 ft	0.013 ft	0.008 ft	0.471
120 --> 113 (PV67)	Az.	200°12'12"	0.128 sec	0.015 sec	0.157
	ΔHt.	-295.246 ft	0.055 ft	0.027 ft	0.399
	Ellip Dist.	24143.165 ft	0.016 ft	0.005 ft	0.444
147 --> 121 (PV197)	Az.	71°56'52"	0.165 sec	0.033 sec	0.217
	ΔHt.	6.029 ft	0.035 ft	-0.014 ft	-0.418
	Ellip Dist.	19698.261 ft	0.014 ft	0.002 ft	0.156
112 --> 111 (PV28)	Az.	14°28'56"	0.398 sec	0.101 sec	0.395
	ΔHt.	76.033 ft	0.021 ft	0.003 ft	0.335
	Ellip Dist.	7368.798 ft	0.015 ft	0.002 ft	0.157
122 --> 125 (PV9)	Az.	300°41'43"	0.099 sec	-0.026 sec	-0.350

	ΔHt.	15.943 ft	0.028 ft	-0.002 ft	-0.124
	Ellip Dist.	37271.310 ft	0.016 ft	0.001 ft	0.114
123 --> 129 (PV179)	Az.	223°34'43"	0.053 sec	0.015 sec	0.250
	ΔHt.	-17.539 ft	0.022 ft	-0.003 ft	-0.063
	Ellip Dist.	47878.520 ft	0.012 ft	-0.004 ft	-0.272
128 --> 144 (PV46)	Az.	336°09'28"	0.026 sec	0.000 sec	-0.011
	ΔHt.	-305.273 ft	0.035 ft	0.006 ft	0.247
	Ellip Dist.	116663.634 ft	0.015 ft	-0.002 ft	-0.151
129 --> 123 (PV177)	Az.	43°30'39"	0.053 sec	0.007 sec	0.068
	ΔHt.	17.539 ft	0.022 ft	0.003 ft	0.090
	Ellip Dist.	47878.520 ft	0.012 ft	0.005 ft	0.206

Covariance Terms

From Point	To Point	Components	A-posteriori Error	Horiz. Precision (Ratio)	3D Precision (Ratio)	
103	127	Az.	281°38'03"	0.087 sec	1 : 2838944	1 : 2838035
		ΔHt.	-53.217 ft	0.028 ft		
		ΔElev.	-52.370 ft	0.028 ft		
		Ellip Dist.	44530.129 ft	0.016 ft		
104	105	Az.	287°53'47"	0.432 sec	1 : 509412	1 : 509693
		ΔHt.	-15.488 ft	0.024 ft		
		ΔElev.	-15.368 ft	0.024 ft		
		Ellip Dist.	8762.098 ft	0.017 ft		
104	115	Az.	145°26'19"	0.068 sec	1 : 2902427	1 : 2905442
		ΔHt.	-7.503 ft	0.031 ft		
		ΔElev.	-7.385 ft	0.031 ft		
		Ellip Dist.	54501.294 ft	0.019 ft		
105	116	Az.	299°05'52"	0.148 sec	1 : 1420739	1 : 1421305
		ΔHt.	-10.369 ft	0.034 ft		

		ΔElev.	-10.177 ft	0.034 ft		
		Ellip Dist.	22017.166 ft	0.015 ft		
105	127	Az.	41°15'33"	0.083 sec	1 : 2537673	1 : 2535333
		ΔHt.	18.402 ft	0.027 ft		
		ΔElev.	17.646 ft	0.027 ft		
		Ellip Dist.	33680.096 ft	0.013 ft		
105	128	Az.	240°38'38"	0.024 sec	1 : 8326196	1 : 8308094
		ΔHt.	453.992 ft	0.026 ft		
		ΔElev.	454.032 ft	0.026 ft		
		Ellip Dist.	116565.957 ft	0.014 ft		
105	159	Az.	311°59'40"	0.120 sec	1 : 1767685	1 : 1769107
		ΔHt.	-13.578 ft	0.029 ft		
		ΔElev.	-13.501 ft	0.029 ft		
		Ellip Dist.	23630.872 ft	0.013 ft		
106	107	Az.	308°00'33"	0.113 sec	1 : 2170382	1 : 2173638
		ΔHt.	-2.761 ft	0.056 ft		
		ΔElev.	-2.943 ft	0.056 ft		
		Ellip Dist.	33943.038 ft	0.016 ft		
106	162	Az.	125°53'02"	0.098 sec	1 : 2369779	1 : 2375490
		ΔHt.	12.240 ft	0.027 ft		
		ΔElev.	12.314 ft	0.027 ft		
		Ellip Dist.	34236.679 ft	0.014 ft		
108	106	Az.	116°56'16"	0.036 sec	1 : 6515156	1 : 6519686
		ΔHt.	30.590 ft	0.039 ft		
		ΔElev.	30.580 ft	0.039 ft		
		Ellip Dist.	80464.713 ft	0.012 ft		
108	107	Az.	109°10'04"	0.079 sec	1 : 3125322	1 : 3121511
		ΔHt.	27.829 ft	0.056 ft		
		ΔElev.	27.638 ft	0.056 ft		
		Ellip	47573.378 ft	0.015 ft		

		Dist.				
108	109	Az.	359°58'11"	0.162 sec	1 : 1110622	1 : 1110693
		Δ Ht.	1.031 ft	0.037 ft		
		Δ Elev.	0.524 ft	0.037 ft		
		Ellip Dist.	15990.170 ft	0.014 ft		
108	119	Az.	8°08'47"	0.035 sec	1 : 5233994	1 : 5230385
		Δ Ht.	34.681 ft	0.036 ft		
		Δ Elev.	32.102 ft	0.036 ft		
		Ellip Dist.	79415.992 ft	0.015 ft		
108	146	Az.	221°07'09"	0.027 sec	1 : 7344640	1 : 7338857
		Δ Ht.	206.091 ft	0.041 ft		
		Δ Elev.	206.217 ft	0.041 ft		
		Ellip Dist.	91154.747 ft	0.012 ft		
108	148	Az.	36°46'50"	0.058 sec	1 : 3466283	1 : 3454446
		Δ Ht.	57.676 ft	0.052 ft		
		Δ Elev.	55.224 ft	0.052 ft		
		Ellip Dist.	63263.715 ft	0.018 ft		
108	152	Az.	170°23'58"	0.154 sec	1 : 1256770	1 : 1258840
		Δ Ht.	4.979 ft	0.057 ft		
		Δ Elev.	5.558 ft	0.057 ft		
		Ellip Dist.	20396.457 ft	0.016 ft		
108	155	Az.	111°42'29"	0.056 sec	1 : 4328362	1 : 4326162
		Δ Ht.	31.809 ft	0.048 ft		
		Δ Elev.	31.644 ft	0.048 ft		
		Ellip Dist.	60434.587 ft	0.014 ft		
108	167	Az.	290°14'11"	0.164 sec	1 : 1374146	1 : 1374994
		Δ Ht.	-4.868 ft	0.034 ft		
		Δ Elev.	-4.833 ft	0.034 ft		
		Ellip Dist.	16967.959 ft	0.012 ft		
109	119	Az.	10°11'41"	0.039 sec	1 : 4757279	1 : 4754998

		ΔHt.	33.651 ft	0.036 ft		
		ΔElev.	31.578 ft	0.036 ft		
		Ellip Dist.	63629.036 ft	0.013 ft		
109	130	Az.	287°22'17"	0.188 sec	1 : 1245629	1 : 1246581
		ΔHt.	-6.531 ft	0.060 ft		
		ΔElev.	-6.378 ft	0.060 ft		
		Ellip Dist.	23286.697 ft	0.019 ft		
109	167	Az.	237°32'29"	0.153 sec	1 : 1375349	1 : 1372742
		ΔHt.	-5.899 ft	0.038 ft		
		ΔElev.	-5.358 ft	0.038 ft		
		Ellip Dist.	18858.181 ft	0.014 ft		
110	109	Az.	118°26'59"	0.063 sec	1 : 3514187	1 : 3518600
		ΔHt.	8.305 ft	0.035 ft		
		ΔElev.	8.303 ft	0.035 ft		
		Ellip Dist.	41920.399 ft	0.012 ft		
110	119	Az.	48°23'10"	0.043 sec	1 : 4746574	1 : 4737326
		ΔHt.	41.955 ft	0.029 ft		
		ΔElev.	39.881 ft	0.029 ft		
		Ellip Dist.	64250.284 ft	0.014 ft		
110	130	Az.	131°44'22"	0.210 sec	1 : 1023626	1 : 1026315
		ΔHt.	1.774 ft	0.054 ft		
		ΔElev.	1.925 ft	0.054 ft		
		Ellip Dist.	19598.497 ft	0.019 ft		
110	138	Az.	306°31'43"	0.039 sec	1 : 5278692	1 : 5281813
		ΔHt.	168.663 ft	0.033 ft		
		ΔElev.	167.685 ft	0.033 ft		
		Ellip Dist.	72138.588 ft	0.014 ft		
110	146	Az.	192°22'14"	0.025 sec	1 : 8081014	1 : 8074954
		ΔHt.	213.365 ft	0.037 ft		
		ΔElev.	213.996 ft	0.037 ft		

		Ellip Dist.	107200.629 ft	0.013 ft		
110	167	Az.	145°09'40"	0.070 sec	1 : 2889127	1 : 2892271
		ΔHt.	2.405 ft	0.032 ft		
		ΔElev.	2.945 ft	0.032 ft		
		Ellip Dist.	36688.856 ft	0.013 ft		
111	120	Az.	107°35'40"	0.521 sec	1 : 423624	1 : 424315
		ΔHt.	222.120 ft	0.018 ft		
		ΔElev.	221.860 ft	0.018 ft		
		Ellip Dist.	5965.373 ft	0.014 ft		
112	111	Az.	14°28'56"	0.397 sec	1 : 481756	1 : 482072
		ΔHt.	76.033 ft	0.021 ft		
		ΔElev.	75.782 ft	0.021 ft		
		Ellip Dist.	7368.798 ft	0.015 ft		
112	113	Az.	182°39'06"	0.175 sec	1 : 1043776	1 : 1043764
		ΔHt.	2.907 ft	0.055 ft		
		ΔElev.	3.286 ft	0.055 ft		
		Ellip Dist.	17346.689 ft	0.017 ft		
112	120	Az.	54°41'44"	0.253 sec	1 : 812535	1 : 813841
		ΔHt.	298.154 ft	0.024 ft		
		ΔElev.	297.642 ft	0.024 ft		
		Ellip Dist.	9225.932 ft	0.011 ft		
112	134	Az.	205°58'01"	0.064 sec	1 : 2990892	1 : 2989033
		ΔHt.	-20.561 ft	0.044 ft		
		ΔElev.	-19.023 ft	0.044 ft		
		Ellip Dist.	43242.907 ft	0.014 ft		
112	142	Az.	263°12'14"	0.152 sec	1 : 1443220	1 : 1442202
		ΔHt.	120.382 ft	0.033 ft		
		ΔElev.	121.355 ft	0.033 ft		
		Ellip Dist.	19557.765 ft	0.014 ft		

112	143	Az.	349°55'54"	0.071 sec	1 : 2711525	1 : 2713753
		ΔHt.	798.888 ft	0.027 ft		
		ΔElev.	798.131 ft	0.027 ft		
		Ellip Dist.	41815.136 ft	0.015 ft		
112	145	Az.	130°47'18"	0.050 sec	1 : 4267985	1 : 4272603
		ΔHt.	186.882 ft	0.035 ft		
		ΔElev.	185.094 ft	0.035 ft		
		Ellip Dist.	64066.584 ft	0.015 ft		
113	120	Az.	20°11'10"	0.128 sec	1 : 1465016	1 : 1467455
		ΔHt.	295.246 ft	0.055 ft		
		ΔElev.	294.356 ft	0.055 ft		
		Ellip Dist.	24143.165 ft	0.016 ft		
114	103	Az.	54°26'53"	0.160 sec	1 : 1234315	1 : 1231838
		ΔHt.	24.954 ft	0.027 ft		
		ΔElev.	24.411 ft	0.027 ft		
		Ellip Dist.	21048.052 ft	0.017 ft		
114	104	Az.	260°27'34"	0.095 sec	1 : 2374247	1 : 2373361
		ΔHt.	-31.177 ft	0.030 ft		
		ΔElev.	-30.236 ft	0.030 ft		
		Ellip Dist.	40983.903 ft	0.017 ft		
114	105	Az.	265°12'23"	0.063 sec	1 : 3542577	1 : 3541534
		ΔHt.	-46.665 ft	0.027 ft		
		ΔElev.	-45.604 ft	0.027 ft		
		Ellip Dist.	48922.400 ft	0.014 ft		
114	115	Az.	190°28'35"	0.050 sec	1 : 4016831	1 : 4015614
		ΔHt.	-38.679 ft	0.031 ft		
		ΔElev.	-37.621 ft	0.031 ft		
		Ellip Dist.	52597.113 ft	0.013 ft		
114	127	Az.	308°39'09"	0.083 sec	1 : 2664092	1 : 2667759
		ΔHt.	-28.263 ft	0.025 ft		

		ΔElev.	-27.959 ft	0.025 ft		
		Ellip Dist.	33928.390 ft	0.013 ft		
114	139	Az.	161°12'48"	0.039 sec	1 : 5025745	1 : 5026543
		ΔHt.	-24.499 ft	0.031 ft		
		ΔElev.	-23.781 ft	0.031 ft		
		Ellip Dist.	77959.165 ft	0.016 ft		
114	154	Az.	124°15'00"	0.068 sec	1 : 3124359	1 : 3127129
		ΔHt.	19.596 ft	0.031 ft		
		ΔElev.	19.151 ft	0.031 ft		
		Ellip Dist.	43146.222 ft	0.014 ft		
114	160	Az.	3°32'29"	0.286 sec	1 : 626559	1 : 626989
		ΔHt.	3.695 ft	0.024 ft		
		ΔElev.	3.545 ft	0.024 ft		
		Ellip Dist.	10722.118 ft	0.017 ft		
114	163	Az.	80°18'39"	0.081 sec	1 : 2718380	1 : 2715750
		ΔHt.	39.625 ft	0.025 ft		
		ΔElev.	38.861 ft	0.025 ft		
		Ellip Dist.	30767.774 ft	0.011 ft		
115	105	Az.	320°32'09"	0.052 sec	1 : 3877399	1 : 3880722
		ΔHt.	-7.986 ft	0.029 ft		
		ΔElev.	-7.984 ft	0.029 ft		
		Ellip Dist.	61680.313 ft	0.016 ft		
115	139	Az.	122°28'43"	0.082 sec	1 : 2457467	1 : 2459013
		ΔHt.	14.180 ft	0.036 ft		
		ΔElev.	13.840 ft	0.036 ft		
		Ellip Dist.	41107.063 ft	0.017 ft		
115	163	Az.	35°00'56"	0.042 sec	1 : 4859267	1 : 4855889
		ΔHt.	78.304 ft	0.031 ft		
		ΔElev.	76.482 ft	0.031 ft		
		Ellip				

		Dist.	69490.111 ft	0.014 ft		
116	127	Az.	70°32'32"	0.082 sec	1 : 2693536	1 : 2694686
		ΔHt.	28.771 ft	0.034 ft		
		ΔElev.	27.823 ft	0.034 ft		
		Ellip Dist.	43949.290 ft	0.016 ft		
116	159	Az.	18°08'17"	0.570 sec	1 : 353237	1 : 353080
		ΔHt.	-3.209 ft	0.022 ft		
		ΔElev.	-3.323 ft	0.022 ft		
		Ellip Dist.	5371.505 ft	0.015 ft		
121	101	Az.	161°24'40"	0.109 sec	1 : 1714388	1 : 1715096
		ΔHt.	11.597 ft	0.040 ft		
		ΔElev.	12.063 ft	0.040 ft		
		Ellip Dist.	32823.032 ft	0.019 ft		
121	129	Az.	166°20'17"	0.063 sec	1 : 2956447	1 : 2956392
		ΔHt.	15.910 ft	0.031 ft		
		ΔElev.	16.632 ft	0.031 ft		
		Ellip Dist.	47101.358 ft	0.016 ft		
122	105	Az.	79°49'48"	0.146 sec	1 : 1428477	1 : 1426161
		ΔHt.	-2.276 ft	0.027 ft		
		ΔElev.	-2.771 ft	0.027 ft		
		Ellip Dist.	23645.110 ft	0.017 ft		
122	125	Az.	300°41'43"	0.099 sec	1 : 2328800	1 : 2328856
		ΔHt.	15.943 ft	0.028 ft		
		ΔElev.	16.161 ft	0.028 ft		
		Ellip Dist.	37271.310 ft	0.016 ft		
122	128	Az.	235°52'18"	0.035 sec	1 : 5538966	1 : 5525086
		ΔHt.	451.716 ft	0.028 ft		
		ΔElev.	451.261 ft	0.028 ft		
		Ellip Dist.	94561.968 ft	0.017 ft		
122	153	Az.	325°11'46"	0.168 sec	1 : 1319507	1 : 1321221

		ΔHt.	-13.260 ft	0.027 ft		
		ΔElev.	-13.326 ft	0.027 ft		
		Ellip Dist.	21072.738 ft	0.016 ft		
123	101	Az.	239°14'16"	0.094 sec	1 : 2348419	1 : 2345593
		ΔHt.	-21.853 ft	0.037 ft		
		ΔElev.	-20.861 ft	0.037 ft		
		Ellip Dist.	39152.610 ft	0.017 ft		
123	121	Az.	284°08'34"	0.062 sec	1 : 3446458	1 : 3453157
		ΔHt.	-33.450 ft	0.027 ft		
		ΔElev.	-32.923 ft	0.027 ft		
		Ellip Dist.	45434.775 ft	0.013 ft		
123	127	Az.	138°10'22"	0.057 sec	1 : 3436346	1 : 3440622
		ΔHt.	20.092 ft	0.032 ft		
		ΔElev.	20.247 ft	0.032 ft		
		Ellip Dist.	49627.505 ft	0.014 ft		
123	129	Az.	223°34'43"	0.053 sec	1 : 3880504	1 : 3874503
		ΔHt.	-17.539 ft	0.022 ft		
		ΔElev.	-16.291 ft	0.022 ft		
		Ellip Dist.	47878.520 ft	0.012 ft		
123	158	Az.	199°04'32"	0.090 sec	1 : 2019836	1 : 2018039
		ΔHt.	-12.838 ft	0.026 ft		
		ΔElev.	-11.961 ft	0.026 ft		
		Ellip Dist.	36561.538 ft	0.018 ft		
123	159	Az.	188°10'02"	0.058 sec	1 : 3155345	1 : 3154237
		ΔHt.	-11.888 ft	0.026 ft		
		ΔElev.	-10.900 ft	0.026 ft		
		Ellip Dist.	46980.455 ft	0.015 ft		
124	106	Az.	297°01'10"	0.065 sec	1 : 3315851	1 : 3320054
		ΔHt.	-40.049 ft	0.030 ft		
		ΔElev.	-39.917 ft	0.030 ft		

		Ellip Dist.	51037.173 ft	0.015 ft		
124	162	Az.	279°48'55"	0.204 sec	1 : 1165340	1 : 1166710
		ΔHt.	-27.809 ft	0.027 ft		
		ΔElev.	-27.603 ft	0.027 ft		
		Ellip Dist.	18024.604 ft	0.015 ft		
125	105	Az.	104°57'39"	0.054 sec	1 : 4174684	1 : 4172973
		ΔHt.	-18.219 ft	0.026 ft		
		ΔElev.	-18.932 ft	0.026 ft		
		Ellip Dist.	57281.592 ft	0.014 ft		
125	128	Az.	212°36'29"	0.029 sec	1 : 6554508	1 : 6542285
		ΔHt.	435.773 ft	0.025 ft		
		ΔElev.	435.100 ft	0.025 ft		
		Ellip Dist.	85629.903 ft	0.013 ft		
125	144	Az.	290°24'38"	0.032 sec	1 : 6718286	1 : 6725409
		ΔHt.	130.501 ft	0.035 ft		
		ΔElev.	130.005 ft	0.035 ft		
		Ellip Dist.	99365.129 ft	0.015 ft		
125	153	Az.	94°51'10"	0.150 sec	1 : 1487260	1 : 1485611
		ΔHt.	-29.203 ft	0.025 ft		
		ΔElev.	-29.487 ft	0.025 ft		
		Ellip Dist.	20095.704 ft	0.014 ft		
126	106	Az.	216°11'50"	0.038 sec	1 : 5022278	1 : 5017242
		ΔHt.	-60.229 ft	0.031 ft		
		ΔElev.	-57.685 ft	0.031 ft		
		Ellip Dist.	63530.292 ft	0.013 ft		
126	107	Az.	244°43'28"	0.048 sec	1 : 4115076	1 : 4101200
		ΔHt.	-62.990 ft	0.051 ft		
		ΔElev.	-60.627 ft	0.051 ft		
		Ellip Dist.	71035.226 ft	0.017 ft		

126	108	Az.	262°24'48"	0.023 sec	1 : 9843010	1 : 9827819
		ΔHt.	-90.819 ft	0.030 ft		
		ΔElev.	-88.265 ft	0.030 ft		
		Ellip Dist.	110071.970 ft	0.011 ft		
126	109	Az.	270°45'58"	0.029 sec	1 : 8155358	1 : 8155552
		ΔHt.	-89.788 ft	0.038 ft		
		ΔElev.	-87.741 ft	0.038 ft		
		Ellip Dist.	109063.304 ft	0.013 ft		
126	119	Az.	303°17'06"	0.027 sec	1 : 7997471	1 : 8014182
		ΔHt.	-56.137 ft	0.037 ft		
		ΔElev.	-56.163 ft	0.037 ft		
		Ellip Dist.	116685.249 ft	0.015 ft		
126	124	Az.	173°54'03"	0.043 sec	1 : 4486668	1 : 4485500
		ΔHt.	-20.180 ft	0.034 ft		
		ΔElev.	-17.768 ft	0.034 ft		
		Ellip Dist.	74864.817 ft	0.017 ft		
126	131	Az.	109°54'19"	0.061 sec	1 : 3397450	1 : 3401620
		ΔHt.	75.498 ft	0.048 ft		
		ΔElev.	75.783 ft	0.048 ft		
		Ellip Dist.	63810.956 ft	0.019 ft		
126	135	Az.	135°33'08"	0.034 sec	1 : 5774650	1 : 5778362
		ΔHt.	67.548 ft	0.042 ft		
		ΔElev.	69.410 ft	0.042 ft		
		Ellip Dist.	103756.519 ft	0.018 ft		
126	148	Az.	296°52'11"	0.049 sec	1 : 4572055	1 : 4584527
		ΔHt.	-33.142 ft	0.052 ft		
		ΔElev.	-33.041 ft	0.052 ft		
		Ellip Dist.	79625.217 ft	0.017 ft		
126	155	Az.	235°01'38"	0.048 sec	1 : 4027890	1 : 4018025
		ΔHt.	-59.009 ft	0.044 ft		

		ΔElev.	-56.621 ft	0.044 ft		
		Ellip Dist.	64739.069 ft	0.016 ft		
129	101	Az.	357°26'14"	0.235 sec	1 : 806768	1 : 806770
		ΔHt.	-4.313 ft	0.036 ft		
		ΔElev.	-4.570 ft	0.036 ft		
		Ellip Dist.	14672.924 ft	0.018 ft		
129	158	Az.	89°34'36"	0.180 sec	1 : 1326611	1 : 1325907
		ΔHt.	4.701 ft	0.025 ft		
		ΔElev.	4.330 ft	0.025 ft		
		Ellip Dist.	21056.588 ft	0.016 ft		
129	159	Az.	114°06'23"	0.110 sec	1 : 2066228	1 : 2068974
		ΔHt.	5.651 ft	0.024 ft		
		ΔElev.	5.391 ft	0.024 ft		
		Ellip Dist.	28861.955 ft	0.014 ft		
131	127	Az.	175°54'12"	0.020 sec	1 : 8817908	1 : 8819830
		ΔHt.	-63.209 ft	0.052 ft		
		ΔElev.	-60.174 ft	0.052 ft		
		Ellip Dist.	137733.725 ft	0.016 ft		
132	121	Az.	172°45'48"	0.611 sec	1 : 307221	1 : 307005
		ΔHt.	2.508 ft	0.022 ft		
		ΔElev.	2.622 ft	0.022 ft		
		Ellip Dist.	4820.980 ft	0.016 ft		
132	123	Az.	109°29'21"	0.067 sec	1 : 3184509	1 : 3191147
		ΔHt.	35.958 ft	0.029 ft		
		ΔElev.	35.545 ft	0.029 ft		
		Ellip Dist.	47398.367 ft	0.015 ft		
132	124	Az.	26°07'00"	0.097 sec	1 : 2062200	1 : 2058156
		ΔHt.	23.581 ft	0.031 ft		
		ΔElev.	22.413 ft	0.031 ft		
		Ellip				

		Dist.	35513.172 ft	0.017 ft		
132	135	Az.	68°06'42"	0.038 sec	1 : 6076018	1 : 6076848
		ΔHt.	111.309 ft	0.038 ft		
		ΔElev.	109.592 ft	0.038 ft		
		Ellip Dist.	86575.986 ft	0.014 ft		
132	162	Az.	356°30'47"	0.094 sec	1 : 1850320	1 : 1850471
		ΔHt.	-4.229 ft	0.030 ft		
		ΔElev.	-5.189 ft	0.030 ft		
		Ellip Dist.	35014.811 ft	0.019 ft		
133	106	Az.	329°53'23"	0.103 sec	1 : 2024072	1 : 2030655
		ΔHt.	-12.041 ft	0.030 ft		
		ΔElev.	-12.624 ft	0.030 ft		
		Ellip Dist.	35964.150 ft	0.018 ft		
133	156	Az.	325°07'09"	0.189 sec	1 : 1199408	1 : 1204101
		ΔHt.	-8.435 ft	0.031 ft		
		ΔElev.	-8.728 ft	0.031 ft		
		Ellip Dist.	22884.751 ft	0.019 ft		
133	162	Az.	41°17'34"	0.232 sec	1 : 782781	1 : 781118
		ΔHt.	0.199 ft	0.026 ft		
		ΔElev.	-0.310 ft	0.026 ft		
		Ellip Dist.	14674.310 ft	0.019 ft		
134	113	Az.	40°02'18"	0.119 sec	1 : 1694812	1 : 1693436
		ΔHt.	23.468 ft	0.059 ft		
		ΔElev.	22.309 ft	0.059 ft		
		Ellip Dist.	28162.424 ft	0.017 ft		
134	120	Az.	30°51'56"	0.054 sec	1 : 3631265	1 : 3627100
		ΔHt.	318.714 ft	0.043 ft		
		ΔElev.	316.664 ft	0.043 ft		
		Ellip Dist.	51524.372 ft	0.014 ft		
134	140	Az.	213°56'31"	0.087 sec	1 : 2320774	1 : 2319090

		ΔHt.	1.238 ft	0.042 ft		
		ΔElev.	2.418 ft	0.042 ft		
		Ellip Dist.	36092.198 ft	0.016 ft		
134	141	Az.	274°33'23"	0.059 sec	1 : 3866083	1 : 3868052
		ΔHt.	-6.588 ft	0.043 ft		
		ΔElev.	-4.610 ft	0.043 ft		
		Ellip Dist.	55632.688 ft	0.014 ft		
134	165	Az.	3°03'19"	0.420 sec	1 : 443658	1 : 440566
		ΔHt.	82.997 ft	0.040 ft		
		ΔElev.	82.873 ft	0.040 ft		
		Ellip Dist.	8192.094 ft	0.018 ft		
135	121	Az.	245°14'12"	0.038 sec	1 : 6238081	1 : 6240041
		ΔHt.	-108.800 ft	0.039 ft		
		ΔElev.	-106.970 ft	0.039 ft		
		Ellip Dist.	87919.221 ft	0.014 ft		
135	123	Az.	216°43'07"	0.049 sec	1 : 4351115	1 : 4345023
		ΔHt.	-75.351 ft	0.035 ft		
		ΔElev.	-74.047 ft	0.035 ft		
		Ellip Dist.	59863.266 ft	0.014 ft		
135	124	Az.	269°49'20"	0.057 sec	1 : 3816714	1 : 3822017
		ΔHt.	-87.728 ft	0.040 ft		
		ΔElev.	-87.178 ft	0.040 ft		
		Ellip Dist.	64703.224 ft	0.017 ft		
135	127	Az.	181°50'53"	0.030 sec	1 : 5997849	1 : 5996686
		ΔHt.	-55.259 ft	0.042 ft		
		ΔElev.	-53.801 ft	0.042 ft		
		Ellip Dist.	85052.551 ft	0.014 ft		
135	131	Az.	346°33'23"	0.051 sec	1 : 3695936	1 : 3697379
		ΔHt.	7.950 ft	0.047 ft		
		ΔElev.	6.373 ft	0.047 ft		

		Ellip Dist.	53853.574 ft	0.015 ft		
137	108	Az.	335°49'18"	0.035 sec	1 : 5807361	1 : 5819868
		ΔHt.	-20.331 ft	0.040 ft		
		ΔElev.	-21.960 ft	0.040 ft		
		Ellip Dist.	77028.004 ft	0.013 ft		
137	146	Az.	271°02'36"	0.028 sec	1 : 7937725	1 : 7930595
		ΔHt.	185.760 ft	0.041 ft		
		ΔElev.	184.258 ft	0.041 ft		
		Ellip Dist.	91588.206 ft	0.012 ft		
137	152	Az.	330°40'45"	0.059 sec	1 : 3574689	1 : 3583192
		ΔHt.	-15.352 ft	0.060 ft		
		ΔElev.	-16.401 ft	0.060 ft		
		Ellip Dist.	57525.604 ft	0.016 ft		
137	155	Az.	27°10'55"	0.061 sec	1 : 2974710	1 : 2972787
		ΔHt.	11.478 ft	0.049 ft		
		ΔElev.	9.684 ft	0.049 ft		
		Ellip Dist.	53794.147 ft	0.018 ft		
137	157	Az.	98°42'19"	0.061 sec	1 : 3616602	1 : 3615346
		ΔHt.	14.440 ft	0.038 ft		
		ΔElev.	13.850 ft	0.038 ft		
		Ellip Dist.	50444.489 ft	0.014 ft		
137	167	Az.	328°04'05"	0.032 sec	1 : 6476030	1 : 6488192
		ΔHt.	-25.199 ft	0.039 ft		
		ΔElev.	-26.793 ft	0.039 ft		
		Ellip Dist.	89737.235 ft	0.014 ft		
138	119	Az.	90°01'27"	0.031 sec	1 : 6884249	1 : 6881872
		ΔHt.	-126.708 ft	0.031 ft		
		ΔElev.	-127.805 ft	0.031 ft		
		Ellip Dist.	106003.750 ft	0.015 ft		

138	146	Az.	166°32'34"	0.022 sec	1 : 9060110	1 : 9050263
		ΔHt.	44.702 ft	0.042 ft		
		ΔElev.	46.311 ft	0.042 ft		
		Ellip Dist.	151742.180 ft	0.017 ft		
139	128	Az.	274°12'16"	0.024 sec	1 : 8759724	1 : 8760770
		ΔHt.	431.827 ft	0.039 ft		
		ΔElev.	432.208 ft	0.039 ft		
		Ellip Dist.	176016.561 ft	0.020 ft		
140	102	Az.	295°43'29"	0.107 sec	1 : 2084629	1 : 2085993
		ΔHt.	-66.243 ft	0.028 ft		
		ΔElev.	-65.429 ft	0.028 ft		
		Ellip Dist.	34102.997 ft	0.016 ft		
140	139	Az.	218°32'04"	0.036 sec	1 : 5715236	1 : 5710781
		ΔHt.	-108.382 ft	0.031 ft		
		ΔElev.	-105.403 ft	0.031 ft		
		Ellip Dist.	94256.508 ft	0.016 ft		
140	163	Az.	275°36'58"	0.057 sec	1 : 4049716	1 : 4049526
		ΔHt.	-44.257 ft	0.026 ft		
		ΔElev.	-42.761 ft	0.026 ft		
		Ellip Dist.	53519.389 ft	0.013 ft		
140	165	Az.	28°19'51"	0.085 sec	1 : 2325932	1 : 2321956
		ΔHt.	81.760 ft	0.045 ft		
		ΔElev.	80.455 ft	0.045 ft		
		Ellip Dist.	43327.088 ft	0.019 ft		
141	102	Az.	166°39'32"	0.161 sec	1 : 1130128	1 : 1131071
		ΔHt.	-58.418 ft	0.028 ft		
		ΔElev.	-58.401 ft	0.028 ft		
		Ellip Dist.	20069.816 ft	0.018 ft		
141	127	Az.	260°07'10"	0.038 sec	1 : 6308484	1 : 6305686
		ΔHt.	-104.320 ft	0.034 ft		

		ΔElev.	-102.553 ft	0.034 ft		
		Ellip Dist.	75818.370 ft	0.012 ft		
141	131	Az.	325°56'05"	0.020 sec	1 : 9758527	1 : 9769159
		ΔHt.	-41.112 ft	0.056 ft		
		ΔElev.	-42.380 ft	0.056 ft		
		Ellip Dist.	150170.779 ft	0.015 ft		
141	135	Az.	315°06'12"	0.028 sec	1 : 7144897	1 : 7154897
		ΔHt.	-49.062 ft	0.047 ft		
		ΔElev.	-48.752 ft	0.047 ft		
		Ellip Dist.	101627.474 ft	0.014 ft		
141	140	Az.	134°06'39"	0.051 sec	1 : 4168845	1 : 4172420
		ΔHt.	7.825 ft	0.028 ft		
		ΔElev.	7.028 ft	0.028 ft		
		Ellip Dist.	49266.128 ft	0.012 ft		
141	154	Az.	192°08'51"	0.046 sec	1 : 4018206	1 : 4016707
		ΔHt.	-56.461 ft	0.026 ft		
		ΔElev.	-55.443 ft	0.026 ft		
		Ellip Dist.	59933.449 ft	0.015 ft		
141	163	Az.	211°34'21"	0.077 sec	1 : 2481490	1 : 2479010
		ΔHt.	-36.432 ft	0.027 ft		
		ΔElev.	-35.733 ft	0.027 ft		
		Ellip Dist.	34180.781 ft	0.014 ft		
141	165	Az.	86°02'12"	0.070 sec	1 : 3314032	1 : 3314942
		ΔHt.	89.585 ft	0.045 ft		
		ΔElev.	87.483 ft	0.045 ft		
		Ellip Dist.	56019.866 ft	0.017 ft		
142	111	Az.	66°00'01"	0.143 sec	1 : 1461416	1 : 1460407
		ΔHt.	-44.349 ft	0.029 ft		
		ΔElev.	-45.573 ft	0.029 ft		
		Ellip				

		Dist.	23268.131 ft	0.016 ft		
142	120	Az.	74°07'12"	0.105 sec	1 : 2066563	1 : 2064569
		ΔHt.	177.772 ft	0.032 ft		
		ΔElev.	176.287 ft	0.032 ft		
		Ellip Dist.	28013.294 ft	0.014 ft		
142	134	Az.	179°11'53"	0.079 sec	1 : 2366817	1 : 2361937
		ΔHt.	-140.943 ft	0.043 ft		
		ΔElev.	-140.378 ft	0.043 ft		
		Ellip Dist.	36566.165 ft	0.015 ft		
142	140	Az.	196°27'09"	0.043 sec	1 : 4452978	1 : 4449793
		ΔHt.	-139.705 ft	0.044 ft		
		ΔElev.	-137.959 ft	0.044 ft		
		Ellip Dist.	69344.510 ft	0.016 ft		
142	141	Az.	239°40'18"	0.048 sec	1 : 4518603	1 : 4514844
		ΔHt.	-147.530 ft	0.045 ft		
		ΔElev.	-144.988 ft	0.045 ft		
		Ellip Dist.	63656.937 ft	0.014 ft		
142	143	Az.	15°31'18"	0.063 sec	1 : 2937487	1 : 2934046
		ΔHt.	678.506 ft	0.030 ft		
		ΔElev.	676.776 ft	0.030 ft		
		Ellip Dist.	45140.356 ft	0.015 ft		
142	165	Az.	178°05'11"	0.125 sec	1 : 1468775	1 : 1466802
		ΔHt.	-57.946 ft	0.046 ft		
		ΔElev.	-57.505 ft	0.046 ft		
		Ellip Dist.	28397.962 ft	0.019 ft		
143	111	Az.	164°55'59"	0.094 sec	1 : 2071197	1 : 2070742
		ΔHt.	-722.855 ft	0.025 ft		
		ΔElev.	-722.349 ft	0.025 ft		
		Ellip Dist.	35245.751 ft	0.017 ft		
143	120	Az.	157°29'33"	0.077 sec	1 : 2574706	1 : 2575385

		ΔHt.	-500.735 ft	0.026 ft		
		ΔElev.	-500.489 ft	0.026 ft		
		Ellip Dist.	38790.048 ft	0.015 ft		
143	127	Az.	238°02'45"	0.019 sec	1 : 11359338	1 : 11364958
		ΔHt.	-930.357 ft	0.047 ft		
		ΔElev.	-924.317 ft	0.047 ft		
		Ellip Dist.	167104.089 ft	0.015 ft		
143	131	Az.	287°59'28"	0.021 sec	1 : 10668536	1 : 10701940
		ΔHt.	-867.148 ft	0.063 ft		
		ΔElev.	-864.143 ft	0.063 ft		
		Ellip Dist.	158629.972 ft	0.015 ft		
143	135	Az.	268°34'36"	0.024 sec	1 : 9747311	1 : 9781110
		ΔHt.	-875.098 ft	0.056 ft		
		ΔElev.	-870.516 ft	0.056 ft		
		Ellip Dist.	138658.494 ft	0.014 ft		
143	141	Az.	221°34'12"	0.027 sec	1 : 7406251	1 : 7406377
		ΔHt.	-826.037 ft	0.044 ft		
		ΔElev.	-821.764 ft	0.044 ft		
		Ellip Dist.	101061.542 ft	0.014 ft		
144	128	Az.	156°03'41"	0.026 sec	1 : 7571413	1 : 7576996
		ΔHt.	305.273 ft	0.035 ft		
		ΔElev.	305.095 ft	0.035 ft		
		Ellip Dist.	116663.634 ft	0.015 ft		
144	137	Az.	24°12'28"	0.056 sec	1 : 3556419	1 : 3558639
		ΔHt.	-213.095 ft	0.041 ft		
		ΔElev.	-213.206 ft	0.041 ft		
		Ellip Dist.	54987.722 ft	0.015 ft		
144	146	Az.	306°51'25"	0.036 sec	1 : 5880196	1 : 5882684
		ΔHt.	-27.335 ft	0.051 ft		
		ΔElev.	-28.948 ft	0.051 ft		

		Ellip Dist.	86268.806 ft	0.015 ft		
144	157	Az.	59°33'30"	0.037 sec	1 : 5692612	1 : 5688170
		ΔHt.	-198.655 ft	0.043 ft		
		ΔElev.	-199.356 ft	0.043 ft		
		Ellip Dist.	83996.490 ft	0.015 ft		
145	113	Az.	296°32'37"	0.067 sec	1 : 3357238	1 : 3360866
		ΔHt.	-183.975 ft	0.049 ft		
		ΔElev.	-181.808 ft	0.049 ft		
		Ellip Dist.	55071.252 ft	0.016 ft		
145	120	Az.	319°07'37"	0.050 sec	1 : 4077634	1 : 4080438
		ΔHt.	111.271 ft	0.035 ft		
		ΔElev.	112.548 ft	0.035 ft		
		Ellip Dist.	62494.097 ft	0.015 ft		
145	134	Az.	272°37'32"	0.051 sec	1 : 4616107	1 : 4619473
		ΔHt.	-207.443 ft	0.040 ft		
		ΔElev.	-204.117 ft	0.040 ft		
		Ellip Dist.	67506.262 ft	0.015 ft		
145	140	Az.	252°59'58"	0.041 sec	1 : 5560939	1 : 5558922
		ΔHt.	-206.206 ft	0.037 ft		
		ΔElev.	-201.699 ft	0.037 ft		
		Ellip Dist.	91665.388 ft	0.016 ft		
146	167	Az.	30°26'35"	0.027 sec	1 : 7384498	1 : 7383930
		ΔHt.	-210.960 ft	0.035 ft		
		ΔElev.	-211.051 ft	0.035 ft		
		Ellip Dist.	86570.405 ft	0.012 ft		
147	101	Az.	130°33'22"	0.097 sec	1 : 2101123	1 : 2104457
		ΔHt.	17.627 ft	0.041 ft		
		ΔElev.	17.605 ft	0.041 ft		
		Ellip Dist.	38449.340 ft	0.018 ft		

147	121	Az.	71°56'52"	0.166 sec	1 : 1371910	1 : 1371875
		ΔHt.	6.029 ft	0.035 ft		
		ΔElev.	5.543 ft	0.035 ft		
		Ellip Dist.	19698.261 ft	0.014 ft		
147	123	Az.	94°27'32"	0.047 sec	1 : 4802154	1 : 4805693
		ΔHt.	39.479 ft	0.032 ft		
		ΔElev.	38.466 ft	0.032 ft		
		Ellip Dist.	63001.832 ft	0.013 ft		
147	125	Az.	160°34'05"	0.051 sec	1 : 3773067	1 : 3775706
		ΔHt.	59.388 ft	0.037 ft		
		ΔElev.	59.998 ft	0.037 ft		
		Ellip Dist.	55597.112 ft	0.015 ft		
147	128	Az.	192°29'27"	0.022 sec	1 : 8871498	1 : 8864667
		ΔHt.	495.161 ft	0.037 ft		
		ΔElev.	495.098 ft	0.037 ft		
		Ellip Dist.	127613.817 ft	0.014 ft		
147	129	Az.	142°59'58"	0.060 sec	1 : 3309713	1 : 3314292
		ΔHt.	21.940 ft	0.033 ft		
		ΔElev.	22.175 ft	0.033 ft		
		Ellip Dist.	49656.395 ft	0.015 ft		
147	137	Az.	301°49'25"	0.050 sec	1 : 4203334	1 : 4205217
		ΔHt.	-23.206 ft	0.039 ft		
		ΔElev.	-23.203 ft	0.039 ft		
		Ellip Dist.	61165.950 ft	0.015 ft		
147	144	Az.	256°33'40"	0.035 sec	1 : 6146354	1 : 6146008
		ΔHt.	189.889 ft	0.035 ft		
		ΔElev.	190.003 ft	0.035 ft		
		Ellip Dist.	76754.914 ft	0.012 ft		
147	146	Az.	283°21'38"	0.020 sec	1 : 10517643	1 : 10514286
		ΔHt.	162.554 ft	0.050 ft		

		ΔElev.	161.055 ft	0.050 ft		
		Ellip Dist.	147534.023 ft	0.014 ft		
147	157	Az.	355°03'16"	0.115 sec	1 : 1719125	1 : 1719554
		ΔHt.	-8.766 ft	0.040 ft		
		ΔElev.	-9.353 ft	0.040 ft		
		Ellip Dist.	24616.581 ft	0.014 ft		
148	109	Az.	227°36'36"	0.075 sec	1 : 2882405	1 : 2873025
		ΔHt.	-56.646 ft	0.058 ft		
		ΔElev.	-54.699 ft	0.058 ft		
		Ellip Dist.	51363.175 ft	0.018 ft		
148	119	Az.	316°27'49"	0.097 sec	1 : 2040195	1 : 2046535
		ΔHt.	-22.995 ft	0.058 ft		
		ΔElev.	-23.122 ft	0.058 ft		
		Ellip Dist.	38598.065 ft	0.019 ft		
150	110	Az.	76°52'40"	0.221 sec	1 : 962080	1 : 961550
		ΔHt.	-25.725 ft	0.029 ft		
		ΔElev.	-25.868 ft	0.029 ft		
		Ellip Dist.	15011.153 ft	0.016 ft		
150	138	Az.	316°52'49"	0.057 sec	1 : 3569098	1 : 3572082
		ΔHt.	142.938 ft	0.034 ft		
		ΔElev.	141.817 ft	0.034 ft		
		Ellip Dist.	63452.478 ft	0.018 ft		
150	146	Az.	184°40'42"	0.033 sec	1 : 6090280	1 : 6086431
		ΔHt.	187.640 ft	0.033 ft		
		ΔElev.	188.128 ft	0.033 ft		
		Ellip Dist.	101654.614 ft	0.017 ft		
150	167	Az.	126°52'03"	0.077 sec	1 : 2722833	1 : 2725002
		ΔHt.	-23.320 ft	0.032 ft		
		ΔElev.	-22.923 ft	0.032 ft		
		Ellip				

		Dist.	44491.835 ft	0.016 ft		
152	146	Az.	232°32'04"	0.039 sec	1 : 5094673	1 : 5092380
		ΔHt.	201.112 ft	0.058 ft		
		ΔElev.	200.659 ft	0.058 ft		
		Ellip Dist.	79818.430 ft	0.016 ft		
152	167	Az.	323°22'03"	0.105 sec	1 : 2032971	1 : 2037031
		ΔHt.	-9.847 ft	0.052 ft		
		ΔElev.	-10.392 ft	0.052 ft		
		Ellip Dist.	32377.568 ft	0.016 ft		
153	105	Az.	110°22'29"	0.067 sec	1 : 3325409	1 : 3325323
		ΔHt.	10.984 ft	0.024 ft		
		ΔElev.	10.555 ft	0.024 ft		
		Ellip Dist.	37663.284 ft	0.011 ft		
153	116	Az.	98°36'25"	0.195 sec	1 : 1096437	1 : 1096647
		ΔHt.	0.615 ft	0.030 ft		
		ΔElev.	0.378 ft	0.030 ft		
		Ellip Dist.	16237.879 ft	0.015 ft		
153	123	Az.	26°20'45"	0.047 sec	1 : 4112064	1 : 4107135
		ΔHt.	9.294 ft	0.026 ft		
		ΔElev.	7.954 ft	0.026 ft		
		Ellip Dist.	54886.114 ft	0.013 ft		
153	127	Az.	77°59'10"	0.050 sec	1 : 4445928	1 : 4447186
		ΔHt.	29.386 ft	0.029 ft		
		ΔElev.	28.201 ft	0.029 ft		
		Ellip Dist.	58773.165 ft	0.013 ft		
153	128	Az.	223°15'11"	0.028 sec	1 : 6882854	1 : 6868225
		ΔHt.	464.977 ft	0.027 ft		
		ΔElev.	464.587 ft	0.027 ft		
		Ellip Dist.	96638.727 ft	0.014 ft		
153	129	Az.	329°13'45"	0.160 sec	1 : 1231882	1 : 1233739

		ΔHt.	-8.245 ft	0.023 ft		
		ΔElev.	-8.336 ft	0.023 ft		
		Ellip Dist.	16842.906 ft	0.014 ft		
153	158	Az.	40°23'25"	0.174 sec	1 : 1127180	1 : 1125007
		ΔHt.	-3.544 ft	0.025 ft		
		ΔElev.	-4.007 ft	0.025 ft		
		Ellip Dist.	19196.417 ft	0.017 ft		
153	159	Az.	81°24'58"	0.144 sec	1 : 1551775	1 : 1550477
		ΔHt.	-2.594 ft	0.023 ft		
		ΔElev.	-2.945 ft	0.023 ft		
		Ellip Dist.	17925.058 ft	0.012 ft		
154	102	Az.	23°47'28"	0.080 sec	1 : 2369413	1 : 2367124
		ΔHt.	-1.957 ft	0.027 ft		
		ΔElev.	-2.958 ft	0.027 ft		
		Ellip Dist.	42699.538 ft	0.018 ft		
154	115	Az.	238°49'47"	0.062 sec	1 : 3501929	1 : 3500376
		ΔHt.	-58.276 ft	0.034 ft		
		ΔElev.	-56.772 ft	0.034 ft		
		Ellip Dist.	52899.859 ft	0.015 ft		
154	139	Az.	192°06'27"	0.062 sec	1 : 3153170	1 : 3151159
		ΔHt.	-44.096 ft	0.031 ft		
		ΔElev.	-42.932 ft	0.031 ft		
		Ellip Dist.	50635.920 ft	0.016 ft		
154	140	Az.	63°06'58"	0.057 sec	1 : 3803631	1 : 3799557
		ΔHt.	64.286 ft	0.025 ft		
		ΔElev.	62.471 ft	0.025 ft		
		Ellip Dist.	53786.457 ft	0.014 ft		
154	163	Az.	349°48'28"	0.085 sec	1 : 2219905	1 : 2220837
		ΔHt.	20.029 ft	0.024 ft		
		ΔElev.	19.710 ft	0.024 ft		

		Ellip Dist.	29940.306 ft	0.013 ft		
155	106	Az.	132°14'58"	0.164 sec	1 : 1435426	1 : 1437747
		ΔHt.	-1.220 ft	0.049 ft		
		ΔElev.	-1.064 ft	0.049 ft		
		Ellip Dist.	21016.459 ft	0.015 ft		
155	107	Az.	301°06'06"	0.296 sec	1 : 825610	1 : 825882
		ΔHt.	-3.981 ft	0.058 ft		
		ΔElev.	-4.006 ft	0.058 ft		
		Ellip Dist.	13079.030 ft	0.016 ft		
156	106	Az.	338°05'34"	0.283 sec	1 : 726438	1 : 729141
		ΔHt.	-3.606 ft	0.029 ft		
		ΔElev.	-3.897 ft	0.029 ft		
		Ellip Dist.	13295.606 ft	0.018 ft		
156	162	Az.	108°45'50"	0.179 sec	1 : 1459499	1 : 1458844
		ΔHt.	8.634 ft	0.029 ft		
		ΔElev.	8.417 ft	0.029 ft		
		Ellip Dist.	24052.883 ft	0.016 ft		
157	106	Az.	346°52'54"	0.063 sec	1 : 3033434	1 : 3038872
		ΔHt.	-4.182 ft	0.029 ft		
		ΔElev.	-5.229 ft	0.029 ft		
		Ellip Dist.	42497.755 ft	0.014 ft		
157	124	Az.	63°00'25"	0.082 sec	1 : 2734760	1 : 2731017
		ΔHt.	35.868 ft	0.028 ft		
		ΔElev.	34.687 ft	0.028 ft		
		Ellip Dist.	40234.167 ft	0.015 ft		
157	132	Az.	123°58'08"	0.135 sec	1 : 1563645	1 : 1567423
		ΔHt.	12.287 ft	0.030 ft		
		ΔElev.	12.274 ft	0.030 ft		
		Ellip Dist.	24406.661 ft	0.016 ft		

157	133	Az.	39°15'53"	0.247 sec	1 : 728000	1 : 726573
		ΔHt.	7.860 ft	0.026 ft		
		ΔElev.	7.395 ft	0.026 ft		
		Ellip Dist.	13281.593 ft	0.018 ft		
157	146	Az.	273°51'58"	0.021 sec	1 : 10504654	1 : 10496579
		ΔHt.	171.320 ft	0.047 ft		
		ΔElev.	170.408 ft	0.047 ft		
		Ellip Dist.	141741.983 ft	0.013 ft		
157	156	Az.	350°50'09"	0.121 sec	1 : 1533316	1 : 1538028
		ΔHt.	-0.575 ft	0.030 ft		
		ΔElev.	-1.333 ft	0.030 ft		
		Ellip Dist.	29427.976 ft	0.019 ft		
157	162	Az.	40°19'13"	0.099 sec	1 : 1927821	1 : 1923223
		ΔHt.	8.059 ft	0.023 ft		
		ΔElev.	7.085 ft	0.023 ft		
		Ellip Dist.	27951.610 ft	0.014 ft		
159	127	Az.	76°31'10"	0.077 sec	1 : 2907516	1 : 2908254
		ΔHt.	31.980 ft	0.030 ft		
		ΔElev.	31.146 ft	0.030 ft		
		Ellip Dist.	40894.284 ft	0.014 ft		
159	158	Az.	336°10'11"	0.257 sec	1 : 744594	1 : 745808
		ΔHt.	-0.950 ft	0.025 ft		
		ΔElev.	-1.061 ft	0.025 ft		
		Ellip Dist.	13062.418 ft	0.018 ft		
160	103	Az.	84°40'08"	0.242 sec	1 : 966715	1 : 964946
		ΔHt.	21.259 ft	0.027 ft		
		ΔElev.	20.866 ft	0.027 ft		
		Ellip Dist.	16533.703 ft	0.017 ft		
160	127	Az.	291°07'13"	0.130 sec	1 : 1882379	1 : 1883373
		ΔHt.	-31.958 ft	0.027 ft		

		ΔElev.	-31.504 ft	0.027 ft		
		Ellip Dist.	29114.050 ft	0.015 ft		
163	102	Az.	66°53'49"	0.150 sec	1 : 1509052	1 : 1507373
		ΔHt.	-21.986 ft	0.027 ft		
		ΔElev.	-22.668 ft	0.027 ft		
		Ellip Dist.	24484.828 ft	0.016 ft		
163	103	Az.	298°11'38"	0.246 sec	1 : 981659	1 : 982561
		ΔHt.	-14.671 ft	0.027 ft		
		ΔElev.	-14.450 ft	0.027 ft		
		Ellip Dist.	14973.321 ft	0.015 ft		
163	127	Az.	285°47'59"	0.049 sec	1 : 4845729	1 : 4847539
		ΔHt.	-67.888 ft	0.025 ft		
		ΔElev.	-66.820 ft	0.025 ft		
		Ellip Dist.	59038.366 ft	0.012 ft		
163	139	Az.	183°50'42"	0.037 sec	1 : 5178039	1 : 5176171
		ΔHt.	-64.124 ft	0.029 ft		
		ΔElev.	-62.642 ft	0.029 ft		
		Ellip Dist.	79156.562 ft	0.015 ft		
163	160	Az.	280°36'31"	0.121 sec	1 : 2008715	1 : 2007797
		ΔHt.	-35.930 ft	0.027 ft		
		ΔElev.	-35.316 ft	0.027 ft		
		Ellip Dist.	30176.390 ft	0.015 ft		
166	109	Az.	223°03'09"	0.299 sec	1 : 668265	1 : 667858
		ΔHt.	-11.865 ft	0.046 ft		
		ΔElev.	-11.476 ft	0.046 ft		
		Ellip Dist.	10688.852 ft	0.016 ft		
166	110	Az.	285°28'45"	0.073 sec	1 : 2941652	1 : 2941132
		ΔHt.	-20.170 ft	0.043 ft		
		ΔElev.	-19.779 ft	0.043 ft		
		Ellip				

		Dist.	45783.345 ft	0.016 ft		
166	119	Az.	4°09'18"	0.060 sec	1 : 3270581	1 : 3272458
		ΔHt.	21.786 ft	0.037 ft		
		ΔElev.	20.102 ft	0.037 ft		
		Ellip Dist.	54955.240 ft	0.017 ft		
166	138	Az.	298°26'18"	0.031 sec	1 : 6491137	1 : 6488468
		ΔHt.	148.493 ft	0.045 ft		
		ΔElev.	147.907 ft	0.045 ft		
		Ellip Dist.	116021.446 ft	0.018 ft		
167	130	Az.	339°40'36"	0.218 sec	1 : 874956	1 : 876590
		ΔHt.	-0.632 ft	0.054 ft		
		ΔElev.	-1.020 ft	0.054 ft		
		Ellip Dist.	18203.204 ft	0.021 ft		

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