

GB Consulting

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Project File Data		Coordinate System	
Name:	C:\Users\gdbro\Documents\Trimble Business Center\BlackHawkCoNA2011Final.vce	Name:	United States/State Plane 1983
Size:	1 MB	Datum:	NAD 1983 (Conus)
Modified:	11/27/2020 2:37:11 PM (UTC:-6)	Zone:	Iowa North 1401
Time zone:	Central Standard Time	Geoid:	GEOID18 (Conus)
Reference number:		Vertical datum:	NAVD 88
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
Comment 3:			

Network Adjustment Report

Adjustment Settings

Set-Up Errors

GNSS

Error in Height of Antenna: 0.015 ft

Centering Error: 0.015 ft

Covariance Display

Horizontal:

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 ft

Scale on Linear Error [S]: 1.000

Three-Dimensional

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 ft

Scale on Linear Error [S]: 1.000

Adjustment Statistics

Number of Iterations for Successful Adjustment: 3
Network Reference Factor: 1.00
Chi Square Test (95%): Passed
Precision Confidence Level: DRMS
Degrees of Freedom: 891

Post Processed Vector Statistics

Reference Factor: 1.00
Redundancy Number: 891.00
A Priori Scalar: 1.23

Control Coordinate Comparisons

Values shown are control coordinates minus adjusted coordinates.

Point ID	ΔNorthing (US survey foot)	ΔEasting (US survey foot)	ΔElevation (US survey foot)	ΔHeight (US survey foot)
7022	?	?	0.078	?
7025	?	?	0.086	?
7030	?	?	0.093	?
7038	?	?	0.076	?
7049	?	?	-0.074	?
7071	?	?	-0.125	?
7080	?	?	-0.258	?
7109	?	?	-0.206	?
7122	?	?	-0.099	?
7127	?	?	0.066	?
7129	?	?	-0.132	?
7132	?	?	0.103	?
7139	?	?	0.087	?
7140	?	?	0.086	?
7141	?	?	0.124	?
7143	?	?	0.065	?
7146	?	?	0.106	?
7148	?	?	0.086	?
7161	?	?	0.068	?
7209	?	?	0.077	?
7217	?	?	0.068	?
7309	?	?	0.103	?

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)
7001	Grid	Fixed	Fixed		Fixed
7002	Grid	Fixed	Fixed		Fixed
7003	Grid	Fixed	Fixed		Fixed
7004	Grid				Fixed
7005	Grid	Fixed	Fixed		Fixed
7006	Grid	Fixed	Fixed		Fixed
7007	Grid	Fixed	Fixed		
7008	Grid				Fixed
7009	Grid				Fixed
7011	Grid				Fixed
7012	Grid				Fixed
7013	Grid				Fixed
7014	Grid				Fixed
7015	Grid				Fixed
7016	Grid				Fixed
7017	Grid				Fixed
7018	Grid				Fixed
7019	Grid				Fixed
7020	Grid				Fixed
7021	Grid				Fixed
7023	Grid				Fixed
7024	Grid				Fixed
7026	Grid				Fixed
7027	Grid				Fixed
7028	Grid				Fixed
7031	Grid				Fixed
7032	Grid				Fixed
7034	Grid				Fixed
7035	Grid				Fixed
7036	Grid				Fixed
7037	Grid				Fixed
7039	Grid				Fixed
7040	Grid				Fixed
7041	Grid				Fixed

7042	Grid				Fixed
7043	Grid				Fixed
7044	Grid				Fixed
7046	Grid				Fixed
7047	Grid				Fixed
7048	Grid	Fixed	Fixed		Fixed
7050	Grid				Fixed
7051	Grid				Fixed
7052	Grid				Fixed
7053	Grid	Fixed	Fixed		Fixed
7054	Grid				Fixed
7055	Grid				Fixed
7056	Grid				Fixed
7057	Grid				Fixed
7058	Grid				Fixed
7059	Grid				Fixed
7060	Grid				Fixed
7061	Grid				Fixed
7062	Grid				Fixed
7063	Grid				Fixed
7064	Grid	Fixed	Fixed		Fixed
7065	Grid				Fixed
7066	Grid				Fixed
7067	Grid				Fixed
7068	Grid				Fixed
7069	Grid				Fixed
7070	Grid				Fixed
7072	Grid				Fixed
7073	Grid				Fixed
7074	Grid	Fixed	Fixed		Fixed
7075	Grid				Fixed
7076	Grid	Fixed	Fixed		Fixed
7077	Grid	Fixed	Fixed		Fixed
7078	Grid	Fixed	Fixed		Fixed
7079	Grid	Fixed	Fixed		Fixed
7081	Grid	Fixed	Fixed		Fixed
7082	Grid	Fixed	Fixed		Fixed
7083	Grid	Fixed	Fixed		Fixed

7084	Grid	Fixed	Fixed		Fixed
7085	Grid	Fixed	Fixed		Fixed
7086	Grid				Fixed
7087	Grid	Fixed	Fixed		Fixed
7088	Grid				Fixed
7089	Grid	Fixed	Fixed		Fixed
7090	Grid	Fixed	Fixed		Fixed
7091	Grid				Fixed
7092	Grid	Fixed	Fixed		Fixed
7093	Grid				Fixed
7094	Grid				Fixed
7095	Grid				Fixed
7097	Grid				Fixed
7100	Grid				Fixed
7101	Grid				Fixed
7102	Grid				Fixed
7103	Grid				Fixed
7104	Grid				Fixed
7105	Grid	Fixed	Fixed		Fixed
7106	Grid	Fixed	Fixed		Fixed
7108	Grid	Fixed	Fixed		Fixed
7110	Grid				Fixed
7111	Grid				Fixed
7112	Grid				Fixed
7113	Grid				Fixed
7114	Grid	Fixed	Fixed		Fixed
7115	Grid				Fixed
7116	Grid	Fixed	Fixed		Fixed
7117	Grid				Fixed
7118	Grid				Fixed
7119	Grid				Fixed
7120	Grid	Fixed	Fixed		Fixed
7121	Grid				Fixed
7123	Grid				Fixed
7124	Grid				Fixed
7126	Grid				Fixed
7128	Grid	Fixed	Fixed		Fixed
7131	Grid				Fixed

7133	Grid				Fixed
7134	Grid	Fixed	Fixed		Fixed
7135	Grid				Fixed
7136	Grid				Fixed
7138	Grid	Fixed	Fixed		Fixed
7142	Grid	Fixed	Fixed		Fixed
7145	Grid	Fixed	Fixed		Fixed
7149	Grid	Fixed	Fixed		Fixed
7150	Grid				Fixed
7151	Grid	Fixed	Fixed		Fixed
7152	Grid	Fixed	Fixed		Fixed
7153	Grid	Fixed	Fixed		Fixed
7154	Grid	Fixed	Fixed		Fixed
7155	Grid	Fixed	Fixed		Fixed
7157	Grid				Fixed
7158	Grid				Fixed
7159	Grid				Fixed
7162	Grid				Fixed
7163	Grid				Fixed
7164	Grid				Fixed
7165	Grid				Fixed
7166	Grid				Fixed
7167	Grid				Fixed
7169	Grid				Fixed
7170	Grid				Fixed
7171	Grid				Fixed
7172	Grid				Fixed
7174	Grid	Fixed	Fixed		Fixed
7175	Grid				Fixed
7182	Grid				Fixed
7183	Grid				Fixed
7201	Grid				Fixed
7208	Grid	Fixed	Fixed		Fixed
7211	Grid				Fixed
7212	Grid				Fixed
7213	Grid	Fixed	Fixed		Fixed
7214	Grid				Fixed
7215	Grid				Fixed

7305	Grid				Fixed
7310	Grid	Fixed	Fixed		Fixed
7311	Grid				Fixed
7403	Grid	Fixed	Fixed		Fixed
IAWA	Global	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
7001	3572837.966	?	5182692.848	?	1015.786	?	NEe
7002	3589046.476	?	5182464.018	?	980.044	?	NEe
7003	3604729.236	?	5182293.661	?	907.820	?	NEe
7004	3620402.444	0.016	5182108.104	0.016	952.524	?	e
7005	3636001.205	?	5176406.038	?	1012.450	?	NEe
7006	3635702.261	?	5182040.150	?	1012.480	?	NEe
7007	3573099.684	?	5193251.900	?	992.699	0.018	NE
7008	3586231.578	0.015	5196364.990	0.014	1006.306	?	e
7009	3604741.455	0.014	5194231.353	0.014	892.620	?	e
7010	3635806.983	0.020	5187172.437	0.020	994.326	0.020	
7011	3635812.575	0.015	5192238.394	0.015	976.359	?	e
7012	3573083.164	0.018	5203858.285	0.017	978.055	?	e
7013	3610384.683	0.021	5200478.108	0.020	911.465	?	e
7014	3616416.631	0.019	5200442.151	0.019	887.850	?	e
7015	3636043.536	0.020	5203261.612	0.019	962.090	?	e
7016	3610340.462	0.019	5209795.282	0.018	959.591	?	e
7017	3615684.156	0.020	5208253.562	0.020	906.162	?	e
7018	3574057.095	0.015	5214208.495	0.014	1001.786	?	e
7019	3589080.351	0.015	5213982.583	0.013	976.522	?	e
7020	3605195.746	0.016	5213835.779	0.015	976.406	?	e
7021	3621764.691	0.014	5213542.887	0.014	941.287	?	e
7022	3632086.639	0.013	5216422.790	0.013	893.266	0.014	
7023	3636082.029	0.013	5212869.876	0.013	899.847	?	e
7024	3615773.793	0.018	5218103.727	0.017	949.044	?	e

7025	3626570.358	0.016	5219195.967	0.015	914.603	0.019	
7026	3573369.126	0.014	5225077.655	0.013	959.475	?	e
7027	3605307.796	0.015	5224642.384	0.015	958.935	?	e
7028	3621221.685	0.014	5224531.076	0.014	948.202	?	e
7030	3636062.134	0.017	5224330.277	0.016	922.215	0.020	
7031	3589293.928	0.017	5230089.621	0.016	955.980	?	e
7032	3616025.749	0.021	5229898.931	0.020	941.082	?	e
7034	3573577.263	0.015	5235660.454	0.014	924.156	?	e
7035	3606138.323	0.020	5235227.888	0.020	875.807	?	e
7036	3621384.751	0.016	5234102.792	0.015	933.870	?	e
7037	3630442.649	0.018	5235091.085	0.017	929.877	?	e
7038	3636199.002	0.017	5234966.257	0.017	909.787	0.018	
7039	3616087.771	0.018	5240424.828	0.017	908.627	?	e
7040	3626905.668	0.019	5240355.659	0.018	903.261	?	e
7041	3636278.103	0.018	5240436.071	0.018	842.170	?	e
7042	3573740.803	0.012	5246262.454	0.011	982.720	?	e
7043	3589621.691	0.011	5246099.634	0.010	902.150	?	e
7044	3604818.249	0.016	5245773.050	0.015	900.128	?	e
7045	3616197.028	0.017	5250977.056	0.016	844.686	0.014	
7046	3621579.290	0.027	5246196.558	0.026	913.224	?	e
7047	3636365.426	0.018	5247380.702	0.018	832.672	?	e
7048	3573939.079	?	5256874.394	?	882.130	?	NEe
7049	3605821.310	0.020	5256361.973	0.019	831.112	0.020	
7050	3616347.667	0.022	5259574.943	0.021	823.243	?	e
7051	3636480.089	0.021	5256250.081	0.021	869.960	?	e
7052	3573397.990	0.015	5267463.295	0.014	841.828	?	e
7053	3590336.980	?	5261820.034	?	853.860	?	NEe
7054	3605624.661	0.015	5264068.074	0.014	820.356	?	e
7055	3611425.471	0.021	5271876.810	0.021	829.370	?	e
7056	3622561.791	0.018	5267032.685	0.017	895.972	?	e
7057	3629869.040	0.022	5262114.634	0.021	859.323	?	e
7058	3632264.142	0.017	5269648.149	0.017	912.021	?	e
7059	3636960.737	0.016	5266736.498	0.015	923.239	?	e
7060	3576613.296	0.019	5274328.720	0.018	824.083	?	e
7061	3584731.599	0.014	5271257.691	0.013	813.099	?	e
7062	3574234.861	0.019	5277875.652	0.018	841.113	?	e
7063	3584833.289	0.019	5279105.846	0.018	810.840	?	e
7064	3605960.055	?	5277449.717	?	904.970	?	NEe

7065	3621714.639	0.015	5277362.583	0.014	869.648	?	e
7066	3636681.162	0.019	5277609.814	0.018	950.158	?	e
7067	3574341.045	0.020	5288518.747	0.018	824.377	?	e
7068	3606101.599	0.014	5288019.158	0.014	914.378	?	e
7069	3636588.728	0.017	5287535.403	0.016	949.635	?	e
7070	3590139.562	0.015	5293421.185	0.015	887.922	?	e
7071	3622141.350	0.016	5293063.424	0.016	934.824	0.019	
7072	3636820.564	0.023	5293446.545	0.022	956.294	?	e
7073	3573093.497	0.016	5298987.742	0.016	852.599	?	e
7074	3605578.668	?	5298501.686	?	883.570	?	NEe
7075	3636810.480	0.016	5298070.864	0.016	962.218	?	e
7076	3577520.589	?	5309450.535	?	820.280	?	NEe
7077	3590538.849	?	5309306.552	?	905.070	?	NEe
7078	3606513.138	?	5308462.143	?	876.700	?	NEe
7079	3627532.350	?	5308454.521	?	944.260	?	NEe
7080	3636912.841	0.021	5303948.669	0.020	958.647	0.020	
7081	3637006.943	?	5308496.601	?	976.250	?	NEe
7082	3651562.444	?	5176239.651	?	966.230	?	NEe
7083	3667059.428	?	5176107.966	?	886.870	?	NEe
7084	3682886.919	?	5176033.604	?	929.677	?	NEe
7085	3698590.983	?	5175320.915	?	979.050	?	NEe
7086	3688397.672	0.017	5178667.856	0.016	894.732	?	e
7087	3698586.900	?	5178543.639	?	902.475	?	NEe
7088	3688303.220	0.019	5181180.609	0.018	890.119	?	e
7089	3698617.254	?	5181076.109	?	901.666	?	NEe
7090	3667111.084	?	5187369.012	?	939.550	?	NEe
7091	3672317.006	0.018	5188314.553	0.017	871.513	?	e
7092	3700301.050	?	5186349.935	?	883.131	?	NEe
7093	3654759.263	0.024	5192139.964	0.023	975.616	?	e
7094	3656954.678	0.014	5188837.085	0.013	967.088	?	e
7095	3661880.956	0.021	5192042.763	0.020	970.971	?	e
7097	3693629.973	0.020	5191795.694	0.019	885.974	?	e
7098	3641051.487	0.022	5200398.896	0.021	944.903	0.023	
7100	3658141.743	0.015	5200044.269	0.014	966.750	?	e
7101	3669854.278	0.020	5197667.344	0.019	868.704	?	e
7102	3672657.023	0.021	5202528.410	0.020	875.973	?	e
7103	3677928.758	0.026	5202440.703	0.025	874.428	?	e
7104	3694899.897	0.019	5202276.180	0.018	885.296	?	e

7105	3698779.109	?	5191826.173	?	880.298	?	NEe
7106	3698825.987	?	5198176.091	?	884.326	?	NEe
7108	3646495.273	?	5206100.726	?	949.167	?	NEe
7109	3646376.047	0.017	5212158.791	0.016	937.443	0.020	
7110	3667344.556	0.024	5207850.959	0.023	866.487	?	e
7111	3672474.307	0.019	5213110.298	0.019	882.353	?	e
7112	3680903.297	0.018	5212994.479	0.017	932.441	?	e
7113	3688614.463	0.015	5210391.900	0.015	934.492	?	e
7114	3698846.927	?	5207454.112	?	901.112	?	NEe
7115	3672925.758	0.022	5218484.967	0.021	897.804	?	e
7116	3699307.259	?	5218192.290	?	948.973	?	NEe
7117	3663850.612	0.022	5223804.446	0.021	858.956	?	e
7118	3681045.276	0.018	5228877.825	0.017	962.796	?	e
7119	3667771.591	0.018	5229124.910	0.017	896.211	?	e
7120	3699238.544	?	5228793.647	?	952.588	?	NEe
7121	3662697.790	0.021	5234554.344	0.021	910.035	?	e
7122	3652157.358	0.029	5240155.156	0.027	879.375	0.042	
7123	3667293.943	0.018	5239726.224	0.017	946.271	?	e
7124	3683763.711	0.020	5239570.311	0.019	998.865	?	e
7126	3657569.599	0.017	5245252.625	0.016	945.219	?	e
7127	3668035.479	0.021	5250429.213	0.020	978.775	0.025	
7128	3699488.033	?	5250009.506	?	1007.529	?	NEe
7129	3641780.579	0.019	5256121.640	0.019	854.213	0.017	
7130	3653692.580	0.025	5255907.049	0.024	903.967	0.021	
7131	3657938.601	0.019	5255956.075	0.019	952.625	?	e
7132	3684083.728	0.015	5255544.959	0.014	976.119	0.017	
7133	3668167.952	0.015	5260965.471	0.014	914.203	?	e
7134	3699645.814	?	5260522.026	?	1001.681	?	NEe
7135	3652341.392	0.020	5260848.487	0.019	870.310	?	e
7136	3657657.723	0.020	5260911.904	0.020	879.807	?	e
7138	3652479.657	?	5269772.413	?	955.470	?	NEe
7139	3657780.057	0.019	5269086.470	0.018	895.921	0.018	
7140	3668224.937	0.016	5271558.055	0.016	970.811	0.019	
7141	3684110.909	0.018	5271399.047	0.016	960.642	0.023	
7142	3699709.143	?	5269956.818	?	1005.074	?	NEe
7143	3652555.985	0.014	5287597.162	0.014	987.755	0.016	
7145	3668282.804	?	5282133.996	?	988.990	?	NEe
7146	3673667.621	0.018	5284618.944	0.017	949.550	0.019	

7148	3681641.254	0.012	5284543.195	0.012	961.324	0.014	
7149	3699953.718	?	5280390.811	?	996.553	?	NEe
7150	3668444.459	0.017	5291950.507	0.016	984.114	?	e
7151	3699833.152	?	5292226.546	?	965.036	?	NEe
7152	3652813.100	?	5303502.477	?	980.550	?	NEe
7153	3668481.865	?	5300630.623	?	925.620	?	NEe
7154	3684583.371	?	5303114.355	?	989.420	?	NEe
7155	3700232.671	?	5302885.521	?	975.950	?	NEe
7157	3639662.070	0.019	5248133.910	0.019	843.074	?	e
7158	3621418.386	0.017	5236919.104	0.016	921.213	?	e
7159	3616912.930	0.019	5265823.244	0.018	822.140	?	e
7161	3642688.200	0.015	5218914.671	0.014	863.490	0.015	
7162	3687874.201	0.019	5194545.984	0.018	876.947	?	e
7163	3664415.908	0.020	5219335.382	0.020	862.104	?	e
7164	3683143.189	0.021	5203033.124	0.020	889.031	?	e
7165	3616496.569	0.018	5271762.942	0.017	907.495	?	e
7166	3589826.981	0.017	5282850.538	0.017	826.382	?	e
7167	3617077.530	0.021	5311475.085	0.019	950.553	?	e
7169	3615815.742	0.023	5235185.374	0.022	957.876	?	e
7170	3657822.749	0.016	5227488.841	0.016	855.963	?	e
7171	3652072.594	0.014	5219934.451	0.014	892.833	?	e
7172	3651777.759	0.022	5196212.330	0.022	947.372	?	e
7174	3557882.620	?	5235808.250	?	850.383	?	NEe
7175	3558087.627	0.015	5246349.976	0.015	844.690	?	e
7182	3646456.152	0.017	5227968.262	0.017	861.720	?	e
7183	3653133.718	0.023	5221010.932	0.023	877.880	?	e
7201	3668121.525	0.022	5192870.076	0.021	867.306	?	e
7208	3688016.580	?	5299041.180	?	1000.020	?	NEe
7209	3645204.269	0.023	5233109.846	0.022	866.743	0.022	
7211	3675107.053	0.021	5190253.319	0.019	868.440	?	e
7212	3688186.964	0.018	5189693.078	0.017	906.320	?	e
7213	3698713.739	?	5189171.178	?	881.820	?	NEe
7214	3647096.656	0.018	5235873.920	0.018	845.890	?	e
7215	3626895.533	0.019	5248897.670	0.018	838.350	?	e
7217	3673541.598	0.018	5279629.057	0.017	954.542	0.019	
7220	3660227.147	0.024	5204546.602	0.023	876.823	0.027	
7305	3596761.266	0.017	5309082.733	0.016	923.636	?	e
7309	3637525.480	0.026	5229560.278	0.026	950.065	0.040	

7310	3621273.780	?	5200467.350	?	956.759	?	NEe
7311	3616195.595	0.023	5248268.922	0.022	919.627	?	e
7403	3626362.330	?	5212569.420	?	871.520	?	NEe
IAWA	3635606.843	?	5220484.488	?	893.098	?	LLh

Adjusted Geodetic Coordinates

Point ID	Latitude	Longitude	Height (US survey foot)	Height Error (US survey foot)	Constraint
7001	N42°17'49.85140"	W92°32'01.00279"	912.008	?	NEe
7002	N42°20'29.98593"	W92°32'01.58250"	876.271	?	NEe
7003	N42°23'04.91995"	W92°32'01.46398"	804.039	?	NEe
7004	N42°25'39.76075"	W92°32'01.54942"	848.741	?	e
7005	N42°28'14.48170"	W92°33'15.25114"	908.567	?	NEe
7006	N42°28'10.89924"	W92°32'00.12282"	908.684	?	NEe
7007	N42°17'51.22021"	W92°29'40.46598"	889.169	0.018	NE
7008	N42°20'00.56918"	W92°28'56.94085"	902.882	?	e
7009	N42°23'03.66197"	W92°29'22.40120"	789.127	?	e
7010	N42°28'11.34827"	W92°30'51.62953"	890.620	0.020	
7011	N42°28'10.81448"	W92°29'44.03670"	872.752	?	e
7012	N42°17'49.78664"	W92°27'19.34344"	874.750	?	e
7013	N42°23'58.65929"	W92°27'58.24905"	808.127	?	e
7014	N42°24'58.24660"	W92°27'57.74499"	784.498	?	e
7015	N42°28'11.77579"	W92°27'16.92377"	858.748	?	e
7016	N42°23'57.07817"	W92°25'54.08357"	856.512	?	e
7017	N42°24'50.05436"	W92°26'13.73503"	803.034	?	e
7018	N42°17'58.12050"	W92°25'01.46242"	898.700	?	e
7019	N42°20'26.54729"	W92°25'01.90788"	873.504	?	e
7020	N42°23'05.75157"	W92°25'01.11351"	873.437	?	e
7021	N42°25'49.45379"	W92°25'02.18845"	838.306	?	e
7022	N42°27'31.04551"	W92°24'22.00739"	790.322	0.014	
7023	N42°28'10.96245"	W92°25'08.72123"	796.772	?	e
7024	N42°24'49.69546"	W92°24'02.41393"	846.198	?	e
7025	N42°26'36.20093"	W92°23'45.97468"	811.771	0.019	
7026	N42°17'49.92394"	W92°22'36.95969"	856.589	?	e
7027	N42°23'05.46553"	W92°22'37.10563"	856.216	?	e

7028	N42°25'42.67381"	W92°22'35.77087"	845.525	?	e
7030	N42°28'09.29001"	W92°22'35.81864"	819.477	0.020	
7031	N42°20'26.56293"	W92°21'27.40999"	853.273	?	e
7032	N42°24'50.63894"	W92°21'25.13635"	838.521	?	e
7034	N42°17'50.56690"	W92°20'16.11356"	821.453	?	e
7035	N42°23'12.25594"	W92°20'15.91245"	773.298	?	e
7036	N42°25'43.00824"	W92°20'28.11873"	831.412	?	e
7037	N42°27'12.34512"	W92°20'13.28001"	827.437	?	e
7038	N42°28'09.22131"	W92°20'13.88886"	807.319	0.018	
7039	N42°24'49.82175"	W92°19'04.81302"	806.277	?	e
7040	N42°26'36.68671"	W92°19'03.71818"	800.930	?	e
7041	N42°28'09.25296"	W92°19'00.89642"	739.816	?	e
7042	N42°17'50.71825"	W92°17'55.01960"	880.208	?	e
7043	N42°20'27.60795"	W92°17'54.18241"	799.725	?	e
7044	N42°22'57.76052"	W92°17'55.65556"	797.798	?	e
7045	N42°24'49.41944"	W92°16'44.13064"	742.505	0.014	
7046	N42°25'43.26054"	W92°17'46.83323"	810.991	?	e
7047	N42°28'09.14502"	W92°17'28.22560"	730.454	?	e
7048	N42°17'51.16272"	W92°15'33.78646"	779.811	?	NEe
7049	N42°23'06.15785"	W92°15'34.37954"	728.961	0.020	
7050	N42°24'49.66463"	W92°14'49.49177"	721.192	?	e
7051	N42°28'09.00778"	W92°15'29.87003"	767.889	?	e
7052	N42°17'44.25883"	W92°13'13.00825"	739.709	?	e
7053	N42°20'32.41260"	W92°14'24.73210"	751.730	?	NEe
7054	N42°23'03.08563"	W92°13'51.74450"	718.342	?	e
7055	N42°23'59.21202"	W92°12'06.51768"	727.523	?	e
7056	N42°25'49.94072"	W92°13'08.82594"	794.057	?	e
7057	N42°27'02.84893"	W92°14'12.94484"	757.334	?	e
7058	N42°27'25.38226"	W92°12'31.97703"	810.139	?	e
7059	N42°28'12.21005"	W92°13'09.86669"	821.317	?	e
7060	N42°18'14.98136"	W92°11'41.00522"	722.117	?	e
7061	N42°19'35.63669"	W92°12'20.21588"	711.128	?	e
7062	N42°17'50.94462"	W92°10'54.30157"	739.195	?	e
7063	N42°19'35.44081"	W92°10'35.72612"	709.015	?	e
7064	N42°23'04.37557"	W92°10'53.38480"	803.213	?	NEe
7065	N42°25'40.00389"	W92°10'51.27021"	767.881	?	e
7066	N42°28'07.79597"	W92°10'44.85590"	848.386	?	e
7067	N42°17'50.32956"	W92°08'32.67281"	722.636	?	e

7068	N42°23'04.12112"	W92°08'32.53304"	812.797	?	e
7069	N42°28'05.32972"	W92°08'32.45449"	847.995	?	e
7070	N42°20'25.59496"	W92°07'24.02318"	786.357	?	e
7071	N42°25'41.74529"	W92°07'21.84446"	833.287	0.019	
7072	N42°28'06.67432"	W92°07'13.54232"	854.732	?	e
7073	N42°17'36.32266"	W92°06'13.65869"	750.985	?	e
7074	N42°22'57.26929"	W92°06'12.98584"	782.127	?	NEe
7075	N42°28'05.82466"	W92°06'11.85044"	860.711	?	e
7076	N42°18'18.31979"	W92°03'53.46268"	718.799	?	NEe
7077	N42°20'26.92897"	W92°03'52.43699"	803.678	?	NEe
7078	N42°23'04.85262"	W92°04'00.07318"	775.358	?	NEe
7079	N42°26'32.46506"	W92°03'55.42198"	842.873	?	NEe
7080	N42°28'05.86895"	W92°04'53.41101"	857.200	0.020	
7081	N42°28'06.04013"	W92°03'52.71538"	874.846	?	NEe
7082	N42°30'48.21288"	W92°33'15.14821"	862.335	?	NEe
7083	N42°33'21.30468"	W92°33'14.59110"	782.963	?	NEe
7084	N42°35'57.65390"	W92°33'13.21736"	825.803	?	NEe
7085	N42°38'32.85341"	W92°33'20.40063"	875.201	?	NEe
7086	N42°36'51.79498"	W92°32'37.16349"	790.909	?	e
7087	N42°38'32.45522"	W92°32'37.28320"	798.680	?	NEe
7088	N42°36'50.57985"	W92°32'03.57401"	786.334	?	e
7089	N42°38'32.47067"	W92°32'03.39579"	797.913	?	NEe
7090	N42°33'20.54272"	W92°30'44.12649"	835.803	?	NEe
7091	N42°34'11.85631"	W92°30'30.67757"	767.782	?	e
7092	N42°38'48.50148"	W92°30'52.57306"	779.474	?	NEe
7093	N42°31'17.97846"	W92°29'42.34491"	871.952	?	e
7094	N42°31'40.04985"	W92°30'26.10552"	863.368	?	e
7095	N42°32'28.33652"	W92°29'42.51245"	867.298	?	e
7097	N42°37'41.97351"	W92°29'40.76914"	782.379	?	e
7098	N42°29'01.59134"	W92°27'54.30111"	841.456	0.023	
7100	N42°31'50.44812"	W92°27'56.24297"	863.220	?	e
7101	N42°33'46.42766"	W92°28'26.08891"	765.109	?	e
7102	N42°34'13.52437"	W92°27'20.67184"	772.459	?	e
7103	N42°35'05.60757"	W92°27'20.97372"	770.923	?	e
7104	N42°37'53.26232"	W92°27'20.37036"	781.875	?	e
7105	N42°38'32.83127"	W92°29'39.54205"	776.727	?	NEe
7106	N42°38'32.53937"	W92°28'14.57733"	780.861	?	NEe
7108	N42°29'54.66728"	W92°26'37.30092"	845.825	?	NEe

7109	N42°29'52.73391"	W92°25'16.45599"	834.265	0.020	
7110	N42°33'20.39397"	W92°26'10.43599"	763.074	?	e
7111	N42°34'10.40409"	W92°24'59.28982"	779.045	?	e
7112	N42°35'33.67708"	W92°24'59.39380"	829.149	?	e
7113	N42°36'50.17289"	W92°25'32.87643"	831.180	?	e
7114	N42°38'31.61167"	W92°26'10.44170"	797.801	?	NEe
7115	N42°34'14.17660"	W92°23'47.38675"	794.619	?	e
7116	N42°38'34.79883"	W92°23'46.69497"	845.852	?	NEe
7117	N42°32'43.84401"	W92°22'37.90982"	755.943	?	e
7118	N42°35'33.01384"	W92°21'27.03397"	859.881	?	e
7119	N42°33'21.86958"	W92°21'26.12961"	793.335	?	e
7120	N42°38'32.72852"	W92°21'24.87047"	849.673	?	NEe
7121	N42°32'31.02155"	W92°20'14.52211"	807.353	?	e
7122	N42°30'46.14039"	W92°19'01.67983"	776.914	0.042	
7123	N42°33'15.71169"	W92°19'04.58066"	843.720	?	e
7124	N42°35'58.41281"	W92°19'03.58609"	896.242	?	e
7126	N42°31'38.88969"	W92°17'52.59523"	842.859	?	e
7127	N42°33'21.53302"	W92°16'41.44574"	876.499	0.025	
7128	N42°38'32.26136"	W92°16'40.97881"	905.100	?	NEe
7129	N42°29'01.38199"	W92°15'30.54504"	752.127	0.017	
7130	N42°30'59.07356"	W92°15'31.07433"	801.827	0.021	
7131	N42°31'41.00628"	W92°15'29.58695"	850.475	?	e
7132	N42°35'59.31143"	W92°15'29.94853"	873.876	0.017	
7133	N42°33'21.31321"	W92°14'20.65244"	812.128	?	e
7134	N42°38'32.29484"	W92°14'20.30334"	899.483	?	NEe
7135	N42°30'45.00526"	W92°14'25.36614"	768.252	?	e
7136	N42°31'37.50753"	W92°14'23.46137"	777.739	?	e
7138	N42°30'45.04025"	W92°12'26.19571"	853.552	?	NEe
7139	N42°31'37.49772"	W92°12'34.27334"	793.984	0.018	
7140	N42°33'20.29109"	W92°11'59.12244"	868.912	0.019	
7141	N42°35'57.22517"	W92°11'57.98144"	858.713	0.023	
7142	N42°38'31.51086"	W92°12'14.06575"	903.080	?	NEe
7143	N42°30'43.03287"	W92°08'28.20625"	886.097	0.016	
7145	N42°33'19.23161"	W92°09'37.81592"	887.231	?	NEe
7146	N42°34'12.02823"	W92°09'03.46920"	847.819	0.019	
7148	N42°35'30.79709"	W92°09'02.78075"	859.593	0.014	
7149	N42°38'32.32277"	W92°09'54.42303"	894.769	?	NEe
7150	N42°33'19.27097"	W92°07'26.63399"	882.494	?	e

7151	N42°38'29.25546"	W92°07'16.10586"	863.460	?	NEe
7152	N42°30'42.99226"	W92°04'55.80572"	879.090	?	NEe
7153	N42°33'18.22858"	W92°05'30.66162"	824.118	?	NEe
7154	N42°35'56.85385"	W92°04'53.87044"	887.973	?	NEe
7155	N42°38'31.45953"	W92°04'53.41892"	874.518	?	NEe
7157	N42°28'41.60128"	W92°17'17.54593"	740.859	?	e
7158	N42°25'42.95739"	W92°19'50.56188"	818.811	?	e
7159	N42°24'54.32482"	W92°13'26.08895"	720.198	?	e
7161	N42°29'15.44497"	W92°23'46.91984"	760.532	0.015	
7162	N42°36'44.79527"	W92°29'04.90530"	773.363	?	e
7163	N42°32'50.00979"	W92°23'37.51028"	758.966	?	e
7164	N42°35'57.04157"	W92°27'12.19194"	785.556	?	e
7165	N42°24'49.31893"	W92°12'06.99742"	805.653	?	e
7166	N42°20'24.18372"	W92°09'44.82807"	724.655	?	e
7167	N42°24'48.69268"	W92°03'17.52470"	849.227	?	e
7169	N42°24'47.85245"	W92°20'14.70556"	855.426	?	e
7170	N42°31'43.81688"	W92°21'49.77489"	753.101	?	e
7171	N42°30'48.00935"	W92°23'31.66848"	789.808	?	e
7172	N42°30'48.04600"	W92°28'48.44524"	843.788	?	e
7174	N42°15'15.51824"	W92°20'17.01741"	747.574	?	NEe
7175	N42°15'16.08798"	W92°17'56.81381"	742.061	?	e
7182	N42°29'51.47820"	W92°21'45.41477"	758.977	?	e
7183	N42°30'58.35118"	W92°23'17.10954"	774.874	?	e
7201	N42°33'29.88213"	W92°29'30.46734"	763.638	?	e
7208	N42°36'31.43521"	W92°05'47.56311"	898.527	?	NEe
7209	N42°29'38.42353"	W92°20'37.01344"	764.152	0.022	
7211	N42°34'39.19027"	W92°30'04.32780"	764.740	?	e
7212	N42°36'48.45526"	W92°30'09.75324"	802.664	?	e
7213	N42°38'32.49602"	W92°30'15.07434"	778.204	?	NEe
7214	N42°29'56.74063"	W92°19'59.77214"	743.354	?	e
7215	N42°26'35.39073"	W92°17'09.80089"	736.166	?	e
7217	N42°34'11.56463"	W92°10'10.17591"	852.744	0.019	
7220	N42°32'10.49861"	W92°26'55.76672"	773.368	0.027	
7305	N42°21'28.42696"	W92°03'54.01053"	822.272	?	e
7309	N42°28'23.05201"	W92°21'25.77608"	847.457	0.040	
7310	N42°25'46.22191"	W92°27'56.61685"	853.402	?	NEe
7311	N42°24'49.79010"	W92°17'20.23037"	817.406	?	e
7403	N42°26'34.99132"	W92°25'14.38577"	768.492	?	NEe

IAWA	N42°28'05.29439"	W92°23'27.20906"	790.250	?	LLh
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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
7001	-685277.993	?	-15486958.270	?	14010026.182	?	?	NEe
7002	-684837.841	?	-15476026.113	?	14021988.840	?	?	NEe
7003	-684359.360	?	-15465414.566	?	14033529.597	?	?	NEe
7004	-683899.885	?	-15454886.231	?	14045134.343	?	?	e
7005	-688952.946	?	-15444123.519	?	14056732.549	?	?	NEe
7006	-683338.479	?	-15444618.166	?	14056465.103	?	?	NEe
7007	-674721.131	?	-15487311.539	?	14010113.309	?	?	NE
7008	-671071.652	?	-15478656.428	?	14019805.428	?	?	e
7009	-672436.128	?	-15466012.481	?	14033425.476	?	?	e
7010	-678207.896	0.020	-15444800.251	0.020	14056486.439	0.020	0.035	
7011	-673147.624	?	-15445044.955	?	14056434.512	?	?	e
7012	-664128.571	?	-15487856.469	?	14009996.259	?	?	e
7013	-665965.311	?	-15462549.264	?	14037550.340	?	?	e
7014	-665751.726	?	-15458468.929	?	14041988.528	?	?	e
7015	-662128.426	?	-15445445.160	?	14056496.844	?	?	e
7016	-656663.276	?	-15463090.888	?	14037464.763	?	?	e

7017	-657981.008	?	⁻ 15459375.237	?	14041388.733	?	?	e
7018	-653752.119	?	⁻ 15487747.370	?	14010636.407	?	?	e
7019	-653358.106	?	⁻ 15477619.696	?	14021729.668	?	?	e
7020	-652840.504	?	⁻ 15466771.629	?	14033638.564	?	?	e
7021	-652448.616	?	⁻ 15455575.573	?	14045851.613	?	?	e
7022	-649144.920	0.013	⁻ 15448732.085	0.014	14053408.783	0.014	0.023	
7023	-652528.701	?	⁻ 15445863.591	?	14056394.260	?	?	e
7024	-648140.830	?	⁻ 15459847.340	?	14041391.021	?	?	e
7025	-646603.488	0.015	⁻ 15452605.389	0.018	14049326.441	0.017	0.029	
7026	-642923.592	?	⁻ 15488728.402	?	14009994.318	?	?	e
7027	-642042.193	?	⁻ 15467230.448	?	14033605.566	?	?	e
7028	-641496.698	?	⁻ 15456502.840	?	14045349.854	?	?	e
7030	-641084.052	0.016	⁻ 15446474.018	0.019	14056284.698	0.018	0.031	
7031	-637261.686	?	⁻ 15478274.757	?	14021717.212	?	?	e
7032	-636349.577	?	⁻ 15460267.023	?	14041456.361	?	?	e
7034	-632344.252	?	⁻ 15489094.072	?	14010018.818	?	?	e
7035	-631432.954	?	⁻ 15467142.094	?	14034057.427	?	?	e
7036	-631929.574	?	⁻ 15456863.655	?	14045365.323	?	?	e
7037	-630568.606	?	⁻ 15450807.878	?	14052037.052	?	?	e
7038	-630455.086	0.017	⁻ 15446907.219	0.017	14056271.358	0.018	0.030	
7039	-625833.001	?	⁻ 15460728.327	?	14041373.535	?	?	e

7040	-625455.598	?	⁻ 15453434.589	?	14049355.417	?	?	e
7041	-624986.636	?	⁻ 15447077.442	?	14056228.144	?	?	e
7042	-621750.231	?	⁻ 15489556.118	?	14010069.692	?	?	e
7043	-621256.136	?	⁻ 15478814.512	?	14021759.343	?	?	e
7044	-620955.795	?	⁻ 15468574.394	?	14032990.022	?	?	e
7045	-615287.127	0.016	⁻ 15461131.983	0.015	14041300.452	0.016	0.027	
7046	-619841.838	?	⁻ 15457320.777	?	14045370.399	?	?	e
7047	-618046.516	?	⁻ 15447357.150	?	14056213.763	?	?	e
7048	-611139.993	?	⁻ 15489873.751	?	14010035.408	?	?	NEe
7049	-610336.232	0.019	⁻ 15468372.656	0.020	14033571.551	0.020	0.034	
7050	-606692.694	?	⁻ 15461439.109	?	14041304.403	?	?	e
7051	-609184.117	?	⁻ 15447746.210	?	14056228.789	?	?	e
7052	-600584.899	?	⁻ 15490727.607	?	14009491.454	?	?	e
7053	-605523.760	?	⁻ 15479074.569	?	14022086.536	?	?	NEe
7054	-602647.125	?	⁻ 15468876.100	?	14033334.663	?	?	e
7055	-594608.620	?	⁻ 15465360.317	?	14037537.312	?	?	e
7056	-598989.484	?	⁻ 15457673.746	?	14045858.143	?	?	e
7057	-603599.112	?	⁻ 15452482.596	?	14051280.393	?	?	e
7058	-595977.113	?	⁻ 15451276.468	?	14052999.168	?	?	e
7059	-598691.787	?	⁻ 15447976.789	?	14056504.000	?	?	e
7060	-593594.646	?	⁻ 15488889.297	?	14011780.008	?	?	e

7061	-596327.189	?	15483275.273 ⁻	?	14017810.323	?	?	e
7062	-590150.376	?	15490672.443 ⁻	?	14009991.743	?	?	e
7063	-588484.033	?	15483587.156 ⁻	?	14017794.239	?	?	e
7064	-589269.810	?	15469366.111 ⁻	?	14033488.333	?	?	NEe
7065	-588705.892	?	15458728.680 ⁻	?	14045097.959	?	?	e
7066	-587843.448	?	15448715.334 ⁻	?	14056192.646	?	?	e
7067	-579514.899	?	15491103.643 ⁻	?	14009934.544	?	?	e
7068	-578707.043	?	15469789.325 ⁻	?	14033475.766	?	?	e
7069	-577933.086	?	15449257.661 ⁻	?	14056008.206	?	?	e
7070	-573968.733	?	15480767.561 ⁻	?	14021599.710	?	?	e
7071	-573007.345	0.016	15459247.825 ⁻	0.018	14045272.213	0.017	0.030	
7072	-572019.296	?	15449390.754 ⁻	?	14056113.169	?	?	e
7073	-569110.192	?	15492465.242 ⁻	?	14008904.760	?	?	e
7074	-568257.252	?	15470621.937 ⁻	?	14032942.724	?	?	NEe
7075	-567400.795	?	15449623.595 ⁻	?	14056053.754	?	?	e
7076	-558476.044	?	15489965.233 ⁻	?	14012027.726	?	?	NEe
7077	-558085.465	?	15481270.085 ⁻	?	14021711.198	?	?	NEe
7078	-558269.351	?	15470462.732 ⁻	?	14033505.228	?	?	NEe
7079	-557411.382	?	15456358.143 ⁻	?	14049068.330	?	?	NEe
7080	-561525.289	0.020	15449832.638 ⁻	0.020	14056054.691	0.020	0.035	
7081	-556979.033	?	15449998.520 ⁻	?	14056079.388	?	?	NEe

7082	-688475.213	?	⁻ 15433587.254	?	14068177.443	?	?	NEe
7083	-687964.011	?	⁻ 15423063.277	?	14079544.439	?	?	NEe
7084	-687385.530	?	⁻ 15412400.433	?	14091229.129	?	?	NEe
7085	-687449.472	?	⁻ 15401783.719	?	14102824.655	?	?	NEe
7086	-684525.703	?	⁻ 15408787.724	?	14095239.808	?	?	e
7087	-684228.594	?	⁻ 15401898.134	?	14102743.164	?	?	NEe
7088	-682019.963	?	⁻ 15408978.839	?	14095146.177	?	?	e
7089	-681698.123	?	⁻ 15402008.717	?	14102743.795	?	?	NEe
7090	-676717.113	?	⁻ 15423652.031	?	14079523.351	?	?	NEe
7091	-675555.468	?	⁻ 15420135.567	?	14083303.626	?	?	e
7092	-676360.842	?	⁻ 15401129.902	?	14103925.117	?	?	NEe
7093	-672463.675	?	⁻ 15432261.820	?	14070405.063	?	?	e
7094	-675671.383	?	⁻ 15430603.618	?	14072046.050	?	?	e
7095	-672266.437	?	⁻ 15427447.295	?	14075650.910	?	?	e
7097	-671198.104	?	⁻ 15405924.478	?	14098972.202	?	?	e
7098	-664780.264	0.021	⁻ 15441909.667	0.023	14060204.814	0.023	0.038	
7100	-664429.419	?	⁻ 15430379.408	?	14072821.730	?	?	e
7101	-666316.313	?	⁻ 15422278.644	?	14081405.799	?	?	e
7102	-661345.811	?	⁻ 15420640.633	?	14083431.157	?	?	e
7103	-661215.464	?	⁻ 15417074.231	?	14087312.870	?	?	e
7104	-660678.380	?	⁻ 15405604.084	?	14099812.733	?	?	e

7105	-670954.494	?	⁻ 15402440.126	?	14102756.298	?	?	NEe
7106	-664610.849	?	⁻ 15402738.238	?	14102737.361	?	?	NEe
7108	-658861.019	?	⁻ 15438533.718	?	14064169.963	?	?	NEe
7109	-652815.104	0.017	⁻ 15438914.367	0.019	14064017.840	0.019	0.031	
7110	-656249.205	?	⁻ 15424493.032	?	14079463.072	?	?	e
7111	-650784.957	?	⁻ 15421308.679	?	14083202.971	?	?	e
7112	-650553.771	?	⁻ 15415645.887	?	14089444.461	?	?	e
7113	-652834.335	?	⁻ 15410303.892	?	14095146.219	?	?	e
7114	-655344.187	?	⁻ 15403211.445	?	14102679.747	?	?	NEe
7115	-645398.788	?	⁻ 15421287.918	?	14083494.777	?	?	e
7116	-644601.811	?	⁻ 15403481.338	?	14102949.654	?	?	NEe
7117	-640459.713	?	⁻ 15427655.900	?	14076732.318	?	?	e
7118	-634685.057	?	⁻ 15416375.504	?	14089415.828	?	?	e
7119	-634984.903	?	⁻ 15425304.248	?	14079593.581	?	?	e
7120	-634016.418	?	⁻ 15404065.592	?	14102798.061	?	?	NEe
7121	-629772.162	?	⁻ 15429012.249	?	14075810.662	?	?	e
7122	-624612.649	0.027	⁻ 15436382.609	0.036	14067965.059	0.036	0.058	
7123	-624417.714	?	⁻ 15426194.734	?	14079168.427	?	?	e
7124	-623894.211	?	⁻ 15415100.946	?	14091333.364	?	?	e
7126	-619299.715	?	⁻ 15433033.186	?	14071945.630	?	?	e
7127	-613697.862	0.020	⁻ 15426250.190	0.022	14079624.727	0.023	0.038	

7128	-612817.400	?	⁻ 15404996.381	?	14102800.818	?	?	NEe
7129	-609093.111	0.019	⁻ 15444154.835	0.018	14060128.853	0.018	0.032	
7130	-608816.948	0.024	⁻ 15436146.534	0.023	14068947.014	0.023	0.040	
7131	-608593.993	?	⁻ 15433319.729	?	14072108.693	?	?	e
7132	-607924.705	0.014	⁻ 15415660.890	0.016	14091385.193	0.016	0.027	
7133	-603166.726	?	⁻ 15426633.156	?	14079564.800	?	?	e
7134	-602310.585	?	⁻ 15405404.325	?	14102799.506	?	?	NEe
7135	-603936.201	?	⁻ 15437276.711	?	14067874.496	?	?	e
7136	-603653.521	?	⁻ 15433699.724	?	14071798.491	?	?	e
7138	-595019.474	?	⁻ 15437683.500	?	14067934.748	?	?	NEe
7139	-595483.964	0.018	⁻ 15434029.744	0.019	14071808.739	0.018	0.032	
7140	-592585.787	0.016	⁻ 15427155.121	0.018	14079526.978	0.017	0.030	
7141	-592087.611	0.016	⁻ 15416409.186	0.021	14091219.454	0.020	0.034	
7142	-592884.272	?	⁻ 15405826.436	?	14102743.557	?	?	NEe
7143	-577213.025	0.014	⁻ 15438520.967	0.015	14067806.937	0.015	0.025	
7145	-582020.160	?	⁻ 15427643.440	?	14079460.356	?	?	NEe
7146	-579314.392	0.017	⁻ 15424098.257	0.019	14083370.588	0.018	0.031	
7148	-579060.734	0.012	⁻ 15418716.806	0.013	14089250.414	0.013	0.022	
7149	-582451.950	?	⁻ 15406162.539	?	14102798.393	?	?	NEe
7150	-572208.018	?	⁻ 15428004.297	?	14079460.088	?	?	e
7151	-570633.816	?	⁻ 15406792.263	?	14102548.751	?	?	NEe

7152	-561314.867	?	⁻ 15439104.779	?	14067799.170	?	?	NEe
7153	-563534.569	?	⁻ 15428351.933	?	14079342.871	?	?	NEe
7154	-560389.667	?	⁻ 15417640.970	?	14091211.587	?	?	NEe
7155	-559970.593	?	⁻ 15407040.390	?	14102720.387	?	?	NEe
7157	-617158.426	?	⁻ 15445179.825	?	14058644.352	?	?	e
7158	-629114.929	?	⁻ 15456972.637	?	14045353.022	?	?	e
7159	-600428.462	?	⁻ 15461364.456	?	14041652.042	?	?	e
7161	-646217.615	0.014	⁻ 15441689.791	0.015	14061184.438	0.015	0.025	
7162	-668689.067	?	⁻ 15409950.422	?	14094706.403	?	?	e
7163	-644899.989	?	⁻ 15427050.700	?	14077194.242	?	?	e
7164	-660408.685	?	⁻ 15413592.279	?	14091156.254	?	?	e
7165	-594515.368	?	⁻ 15461998.160	?	14041335.532	?	?	e
7166	-584538.320	?	⁻ 15480422.721	?	14021452.550	?	?	e
7167	-554825.868	?	⁻ 15463548.195	?	14041318.114	?	?	e
7169	-631078.775	?	⁻ 15460685.989	?	14041259.493	?	?	e
7170	-637028.794	?	⁻ 15431907.878	?	14072252.563	?	?	e
7171	-644812.496	?	⁻ 15435433.550	?	14068113.244	?	?	e
7172	-668518.725	?	⁻ 15434462.306	?	14068152.456	?	?	e
7174	-632840.651	?	⁻ 15499586.785	?	13998355.215	?	?	NEe
7175	-622303.310	?	⁻ 15499970.532	?	13998394.198	?	?	e
7182	-637019.588	?	⁻ 15439604.564	?	14063873.248	?	?	e

7183	-643693.064	?	15434761.104 ⁻	?	14068874.894	?	?	e
7201	-671179.022	?	15423200.731 ⁻	?	14080171.018	?	?	e
7208	-564316.588	?	15415133.972 ⁻	?	14093795.678	?	?	NEe
7209	-631936.152	0.022	15440710.839 ⁻	0.023	14062902.270	0.022	0.038	
7211	-673503.782	?	15418349.114 ⁻	?	14085339.414	?	?	e
7212	-673523.781	?	15409510.342 ⁻	?	14094998.937	?	?	e
7213	-673608.844	?	15402348.371 ⁻	?	14102732.332	?	?	NEe
7214	-629096.682	?	15439557.675 ⁻	?	14064255.496	?	?	e
7215	-616922.404	?	15453818.381 ⁻	?	14049214.890	?	?	e
7217	-584303.904	0.017	15423945.451 ⁻	0.019	14083339.354	0.018	0.031	
7220	-659843.786	0.023	15429136.404 ⁻	0.026	14074256.783	0.025	0.042	
7305	-558052.938	?	15477088.273 ⁻	?	14026324.914	?	?	e
7309	-635800.922	0.026	15445771.500 ⁻	0.033	14057331.269	0.034	0.054	
7310	-665528.408	?	15455249.979 ⁻	?	14045620.300	?	?	NEe
7311	-617994.267	?	15461054.026 ⁻	?	14041378.676	?	?	e
7403	-653229.006	?	15452377.476 ⁻	?	14049206.866	?	?	NEe
IAWA	-644942.982	?	15446565.155 ⁻	?	14055966.580	?	?	LLh

Error Ellipse Components

Point ID	Semi-major axis (US survey foot)	Semi-minor axis (US survey foot)	Azimuth
7004	0.023	0.022	16°

7008	0.021	0.020	178°
7009	0.020	0.019	12°
7010	0.029	0.028	12°
7011	0.022	0.021	7°
7012	0.025	0.024	172°
7013	0.029	0.028	176°
7014	0.027	0.026	174°
7015	0.028	0.027	5°
7016	0.027	0.026	1°
7017	0.028	0.028	177°
7018	0.021	0.019	176°
7019	0.021	0.019	177°
7020	0.022	0.022	4°
7021	0.020	0.020	4°
7022	0.019	0.019	178°
7023	0.019	0.018	4°
7024	0.026	0.024	9°
7025	0.022	0.021	2°
7026	0.019	0.018	8°
7027	0.022	0.021	7°
7028	0.020	0.020	7°
7030	0.024	0.023	167°
7031	0.024	0.023	1°
7032	0.030	0.028	12°
7034	0.022	0.020	20°
7035	0.029	0.028	10°
7036	0.022	0.022	177°
7037	0.025	0.025	179°
7038	0.024	0.024	163°
7039	0.025	0.025	3°
7040	0.027	0.026	173°
7041	0.026	0.025	165°
7042	0.017	0.016	14°
7043	0.015	0.014	17°
7044	0.022	0.021	3°
7045	0.024	0.023	3°
7046	0.039	0.037	16°
7047	0.026	0.025	0°

7049	0.028	0.027	175°
7050	0.031	0.030	7°
7051	0.030	0.029	13°
7052	0.021	0.020	7°
7054	0.021	0.019	0°
7055	0.030	0.029	11°
7056	0.025	0.024	9°
7057	0.031	0.029	180°
7058	0.025	0.024	11°
7059	0.022	0.021	18°
7060	0.027	0.025	6°
7061	0.020	0.019	4°
7062	0.027	0.025	0°
7063	0.026	0.025	1°
7065	0.021	0.020	14°
7066	0.027	0.025	19°
7067	0.028	0.026	168°
7068	0.020	0.019	16°
7069	0.024	0.023	17°
7070	0.022	0.021	176°
7071	0.023	0.022	18°
7072	0.032	0.032	11°
7073	0.023	0.022	169°
7075	0.023	0.022	2°
7080	0.029	0.029	175°
7086	0.024	0.023	177°
7088	0.026	0.025	0°
7091	0.025	0.024	175°
7093	0.034	0.033	179°
7094	0.020	0.019	13°
7095	0.029	0.028	8°
7097	0.028	0.027	169°
7098	0.031	0.029	10°
7100	0.021	0.020	9°
7101	0.029	0.026	9°
7102	0.029	0.028	10°
7103	0.036	0.035	7°
7104	0.027	0.026	8°

7109	0.025	0.023	8°
7110	0.034	0.033	10°
7111	0.027	0.026	5°
7112	0.025	0.024	9°
7113	0.022	0.021	12°
7115	0.031	0.030	180°
7117	0.031	0.030	171°
7118	0.026	0.025	175°
7119	0.025	0.024	175°
7121	0.030	0.029	179°
7122	0.041	0.039	7°
7123	0.025	0.025	177°
7124	0.029	0.027	177°
7126	0.024	0.023	172°
7127	0.029	0.028	163°
7129	0.028	0.026	12°
7130	0.035	0.034	6°
7131	0.027	0.026	179°
7132	0.021	0.020	178°
7133	0.021	0.020	174°
7135	0.028	0.027	3°
7136	0.029	0.028	179°
7139	0.026	0.026	1°
7140	0.023	0.022	7°
7141	0.026	0.023	11°
7143	0.020	0.019	9°
7146	0.025	0.024	12°
7148	0.017	0.016	19°
7150	0.024	0.023	3°
7157	0.027	0.026	175°
7158	0.024	0.023	177°
7159	0.027	0.026	2°
7161	0.021	0.020	180°
7162	0.027	0.026	4°
7163	0.028	0.028	3°
7164	0.029	0.028	11°
7165	0.026	0.025	2°
7166	0.024	0.023	6°

7167	0.030	0.027	173°
7169	0.032	0.031	15°
7170	0.023	0.023	172°
7171	0.021	0.020	11°
7172	0.031	0.031	176°
7175	0.021	0.020	17°
7182	0.024	0.024	174°
7183	0.033	0.032	3°
7201	0.030	0.030	12°
7209	0.032	0.031	157°
7211	0.029	0.027	11°
7212	0.026	0.025	7°
7214	0.026	0.025	150°
7215	0.026	0.025	1°
7217	0.025	0.024	12°
7220	0.034	0.032	15°
7305	0.024	0.023	10°
7309	0.038	0.036	136°
7311	0.032	0.031	178°

Adjusted GNSS Observations

Transformation
Parameters

Deflection in Latitude:	-0.031 sec (DRMS)	0.033 sec
Deflection in Longitude:	0.291 sec (DRMS)	0.035 sec
Azimuth Rotation:	-0.040 sec (DRMS)	0.014 sec
Scale Factor:	0.99999988 (DRMS)	0.00000007

Observation ID		Observation	A-posteriori Error	Residual	Standardized Residual
7084 --> 7086 (PV1527)	Az.	26°11'24"	0.559 sec	-0.175 sec	-0.253
	Δ Ht.	-34.890 ft	0.001 ft	-0.149 ft	-5.559
	Ellip Dist.	6108.332 ft	0.017 ft	0.006 ft	0.306
7090 --> 7083 (PV1503)	Az.	270°24'24"	0.014 sec	-0.756 sec	-1.459
	Δ Ht.	-52.855 ft	0.002 ft	0.188 ft	5.441
	Ellip Dist.	11261.760 ft	0.001 ft	-0.020 ft	-0.729

7090 --> 7083 (PV1505)	Az.	270°24'24"	0.014 sec	-0.732 sec	-1.386
	ΔHt.	-52.855 ft	0.002 ft	0.182 ft	5.195
	Ellip Dist.	11261.760 ft	0.001 ft	-0.006 ft	-0.212
7079 --> 7081 (PV1941)	Az.	1°13'36"	0.014 sec	-0.450 sec	-0.769
	ΔHt.	31.974 ft	0.002 ft	0.121 ft	3.989
	Ellip Dist.	9475.140 ft	0.001 ft	-0.045 ft	-1.647
IAWA --> 7158 (PV1982)	Az.	131°33'24"	0.157 sec	0.009 sec	0.043
	ΔHt.	28.581 ft	0.004 ft	0.136 ft	3.839
	Ellip Dist.	21712.983 ft	0.016 ft	-0.005 ft	-0.246
7155 --> 7154 (PV1415)	Az.	180°07'25"	0.014 sec	-0.126 sec	-0.347
	ΔHt.	13.452 ft	0.003 ft	0.122 ft	3.734
	Ellip Dist.	15651.824 ft	0.001 ft	-0.001 ft	-0.049
7094 --> 7082 (PV1537)	Az.	247°29'59"	0.209 sec	-0.294 sec	-0.759
	ΔHt.	-1.052 ft	0.002 ft	0.147 ft	3.643
	Ellip Dist.	13703.681 ft	0.014 ft	-0.004 ft	-0.169
7138 --> 7135 (PV1603)	Az.	269°59'18"	0.451 sec	-0.122 sec	-0.282
	ΔHt.	-85.313 ft	0.001 ft	0.102 ft	3.569
	Ellip Dist.	8925.453 ft	0.019 ft	0.017 ft	0.904
7155 --> 7208 (PV1432)	Az.	198°25'48"	0.014 sec	0.279 sec	0.636
	ΔHt.	24.001 ft	0.002 ft	0.116 ft	3.555
	Ellip Dist.	12807.408 ft	0.001 ft	-0.043 ft	-1.493
7152 --> 7138 (PV1589)	Az.	270°23'40"	0.014 sec	0.227 sec	1.235
	ΔHt.	-25.585 ft	0.005 ft	-0.126 ft	-3.378
	Ellip Dist.	33733.435 ft	0.002 ft	-0.010 ft	-0.360
7009 --> 7003 (PV1849)	Az.	270°37'34"	0.246 sec	-0.293 sec	-0.694
	ΔHt.	14.895 ft	0.002 ft	0.102 ft	3.274
	Ellip Dist.	11938.207 ft	0.014 ft	-0.003 ft	-0.113
7006 --> 7004 (PV1623)	Az.	180°24'02"	0.214 sec	-0.186 sec	-0.625
	ΔHt.	-59.946 ft	0.003 ft	-0.105 ft	-3.259
	Ellip Dist.	15300.694 ft	0.016 ft	-0.009 ft	-0.410
IAWA --> 7036 (PV1983)	Az.	136°59'39"	0.163 sec	0.050 sec	0.222
	ΔHt.	41.178 ft	0.003 ft	0.112 ft	3.195

	Ellip Dist.	19691.696 ft	0.016 ft	0.002 ft	0.107
IAWA --> 7018 (PV1998)	Az.	186°34'25"	0.047 sec	-0.063 sec	-0.716
	ΔHt.	108.431 ft	0.010 ft	0.142 ft	3.105
	Ellip Dist.	61871.501 ft	0.015 ft	0.035 ft	1.125
7100 --> 7094 (PV1534)	Az.	264°39'17"	0.297 sec	0.016 sec	0.042
	ΔHt.	0.132 ft	0.002 ft	0.112 ft	3.100
	Ellip Dist.	11270.460 ft	0.016 ft	-0.009 ft	-0.402
7138 --> 7139 (PV1593)	Az.	353°30'08"	0.700 sec	-0.804 sec	-1.080
	ΔHt.	-59.569 ft	0.018 ft	0.062 ft	2.953
	Ellip Dist.	5344.876 ft	0.019 ft	0.004 ft	0.196
IAWA --> 7142 (PV1376)	Az.	38°24'42"	0.014 sec	-0.075 sec	-1.060
	ΔHt.	112.910 ft	0.013 ft	0.176 ft	2.935
	Ellip Dist.	80977.182 ft	0.006 ft	-0.020 ft	-0.734
7108 --> 7098 (PV1669)	Az.	227°02'32"	0.552 sec	0.107 sec	0.224
	ΔHt.	-4.378 ft	0.023 ft	0.068 ft	2.871
	Ellip Dist.	7883.646 ft	0.021 ft	-0.005 ft	-0.251
7201 --> 7101 (PV1533)	Az.	70°49'26"	0.879 sec	-0.093 sec	-0.135
	ΔHt.	1.478 ft	0.001 ft	-0.090 ft	-2.870
	Ellip Dist.	5100.880 ft	0.021 ft	-0.006 ft	-0.342
7011 --> 7098 (PV1650)	Az.	57°58'51"	0.453 sec	0.095 sec	0.243
	ΔHt.	-31.283 ft	0.023 ft	-0.066 ft	-2.868
	Ellip Dist.	9697.900 ft	0.021 ft	-0.004 ft	-0.200
7155 --> 7148 (PV1460)	Az.	225°34'30"	0.092 sec	0.165 sec	0.809
	ΔHt.	-14.954 ft	0.014 ft	0.100 ft	2.862
	Ellip Dist.	26118.113 ft	0.012 ft	-0.013 ft	-0.474
7041 --> 7038 (PV1686)	Az.	269°58'24"	0.750 sec	0.056 sec	0.080
	ΔHt.	67.495 ft	0.018 ft	-0.089 ft	-2.855
	Ellip Dist.	5470.652 ft	0.020 ft	-0.009 ft	-0.480
7027 --> 7035 (PV1804)	Az.	86°16'30"	0.367 sec	-0.210 sec	-0.582
	ΔHt.	-82.903 ft	0.002 ft	-0.078 ft	-2.803
	Ellip Dist.	10618.489 ft	0.019 ft	-0.005 ft	-0.254

7002 --> 7001 (PV1818)	Az.	179°50'46"	0.014 sec	0.044 sec	0.124
	ΔHt.	35.734 ft	0.003 ft	-0.093 ft	-2.694
	Ellip Dist.	16210.715 ft	0.001 ft	0.022 ft	0.797
7064 --> 7068 (PV1735)	Az.	90°07'35"	0.280 sec	0.186 sec	0.404
	ΔHt.	9.599 ft	0.002 ft	0.079 ft	2.692
	Ellip Dist.	10570.839 ft	0.014 ft	-0.003 ft	-0.135
IAWA --> 7208 (PV1403)	Az.	57°02'33"	0.014 sec	-0.034 sec	-0.588
	ΔHt.	108.396 ft	0.015 ft	0.130 ft	2.689
	Ellip Dist.	94439.723 ft	0.006 ft	0.013 ft	0.492
7113 --> 7162 (PV1444)	Az.	268°03'12"	0.242 sec	-0.132 sec	-0.527
	ΔHt.	-57.840 ft	0.003 ft	-0.076 ft	-2.681
	Ellip Dist.	15864.059 ft	0.018 ft	-0.001 ft	-0.054
IAWA --> 7023 (PV1973)	Az.	274°19'21"	0.360 sec	-0.349 sec	-0.560
	ΔHt.	6.511 ft	0.001 ft	0.076 ft	2.675
	Ellip Dist.	7629.797 ft	0.013 ft	-0.001 ft	-0.062
7064 --> 7054 (PV1733)	Az.	269°27'28"	0.232 sec	-0.124 sec	-0.291
	ΔHt.	-84.890 ft	0.002 ft	0.092 ft	2.657
	Ellip Dist.	13386.415 ft	0.014 ft	-0.007 ft	-0.288
7023 --> 7022 (PV1681)	Az.	139°05'15"	0.624 sec	0.300 sec	0.368
	ΔHt.	-6.445 ft	0.014 ft	-0.064 ft	-2.643
	Ellip Dist.	5346.878 ft	0.016 ft	-0.009 ft	-0.415
7091 --> 7084 (PV1528)	Az.	311°23'23"	0.222 sec	-0.444 sec	-1.510
	ΔHt.	58.005 ft	0.003 ft	0.213 ft	2.633
	Ellip Dist.	16204.103 ft	0.017 ft	-0.037 ft	-1.584
7136 --> 7139 (PV1563)	Az.	89°59'48"	0.522 sec	-0.130 sec	-0.281
	ΔHt.	16.257 ft	0.018 ft	-0.063 ft	-2.624
	Ellip Dist.	8175.905 ft	0.020 ft	0.011 ft	0.622
7155 --> 7151 (PV1357)	Az.	268°48'53"	0.014 sec	0.487 sec	0.851
	ΔHt.	-11.073 ft	0.002 ft	0.110 ft	2.614
	Ellip Dist.	10667.043 ft	0.001 ft	-0.003 ft	-0.093
7069 --> 7072 (PV1573)	Az.	88°40'27"	0.742 sec	0.145 sec	0.265
	ΔHt.	6.746 ft	0.001 ft	0.070 ft	2.573

	Ellip Dist.	5915.975 ft	0.021 ft	0.001 ft	0.051
7011 --> 7010 (PV1672)	Az.	270°37'03"	0.820 sec	-0.497 sec	-0.724
	ΔHt.	17.861 ft	0.020 ft	0.053 ft	2.570
	Ellip Dist.	5066.207 ft	0.020 ft	-0.002 ft	-0.100
7006 --> 7010 (PV1674)	Az.	89°29'10"	0.810 sec	-0.470 sec	-0.686
	ΔHt.	-18.057 ft	0.020 ft	-0.048 ft	-2.563
	Ellip Dist.	5133.606 ft	0.020 ft	-0.002 ft	-0.088
IAWA --> 7081 (PV2007)	Az.	89°50'27"	0.014 sec	0.251 sec	2.525
	ΔHt.	84.720 ft	0.014 ft	0.170 ft	1.009
	Ellip Dist.	88027.537 ft	0.006 ft	-0.013 ft	-0.378
7065 --> 7064 (PV1737)	Az.	180°34'38"	0.190 sec	0.128 sec	0.416
	ΔHt.	35.329 ft	0.003 ft	-0.086 ft	-2.505
	Ellip Dist.	15755.523 ft	0.015 ft	-0.007 ft	-0.286
IAWA --> 7081 (PV1970)	Az.	89°50'27"	0.014 sec	0.171 sec	1.588
	ΔHt.	84.720 ft	0.014 ft	0.176 ft	2.479
	Ellip Dist.	88027.537 ft	0.006 ft	-0.009 ft	-0.244
7016 --> 7024 (PV1755)	Az.	57°32'29"	0.384 sec	-0.145 sec	-0.357
	ΔHt.	-10.302 ft	0.002 ft	-0.073 ft	-2.423
	Ellip Dist.	9927.743 ft	0.018 ft	0.005 ft	0.261
7157 --> 7214 (PV1616)	Az.	302°03'15"	0.274 sec	0.118 sec	0.263
	ΔHt.	2.479 ft	0.002 ft	-0.091 ft	-1.136
	Ellip Dist.	14338.791 ft	0.020 ft	0.086 ft	2.407
7162 --> 7104 (PV1446)	Az.	48°25'18"	0.410 sec	-0.255 sec	-0.511
	ΔHt.	8.525 ft	0.002 ft	0.104 ft	2.383
	Ellip Dist.	10446.445 ft	0.021 ft	0.010 ft	0.403
7002 --> 7003 (PV1819)	Az.	0°01'57"	0.014 sec	-0.092 sec	-0.254
	ΔHt.	-72.230 ft	0.003 ft	0.077 ft	2.381
	Ellip Dist.	15684.323 ft	0.001 ft	-0.004 ft	-0.124
7310 --> 7403 (PV1791)	Az.	67°53'45"	0.014 sec	-0.074 sec	-0.164
	ΔHt.	-84.892 ft	0.002 ft	-0.085 ft	-2.328
	Ellip Dist.	13128.957 ft	0.001 ft	-0.028 ft	-0.968

7064 --> 7055 (PV1734)	Az.	315°20'08"	0.554 sec	-0.089 sec	-0.198
	ΔHt.	-75.697 ft	0.001 ft	0.102 ft	2.322
	Ellip Dist.	7805.981 ft	0.021 ft	-0.008 ft	-0.479
7155 --> IAWA (PV1373)	Az.	232°51'17"	0.014 sec	-0.010 sec	-0.155
	ΔHt.	-84.395 ft	0.017 ft	-0.110 ft	-0.918
	Ellip Dist.	104726.206 ft	0.007 ft	-0.071 ft	-2.318
7145 --> 7150 (PV1438)	Az.	89°57'52"	0.362 sec	0.219 sec	0.443
	ΔHt.	-4.724 ft	0.002 ft	0.079 ft	2.317
	Ellip Dist.	9818.361 ft	0.016 ft	-0.009 ft	-0.384
IAWA --> 7120 (PV1369)	Az.	8°11'29"	0.014 sec	-0.070 sec	-0.473
	ΔHt.	59.445 ft	0.011 ft	0.223 ft	2.278
	Ellip Dist.	64175.287 ft	0.004 ft	0.037 ft	0.628
7009 --> 7003 (PV1801)	Az.	270°37'34"	0.246 sec	-0.222 sec	-0.553
	ΔHt.	14.895 ft	0.002 ft	0.065 ft	2.271
	Ellip Dist.	11938.207 ft	0.014 ft	-0.017 ft	-0.722
7138 --> 7059 (PV1608)	Az.	191°56'42"	0.194 sec	0.132 sec	0.411
	ΔHt.	-32.242 ft	0.003 ft	0.086 ft	2.209
	Ellip Dist.	15813.876 ft	0.016 ft	0.013 ft	0.494
IAWA --> 7076 (PV2008)	Az.	123°53'34"	0.014 sec	0.107 sec	2.054
	ΔHt.	-71.335 ft	0.018 ft	0.062 ft	1.160
	Ellip Dist.	106254.077 ft	0.007 ft	0.059 ft	2.202
7094 --> 7095 (PV1536)	Az.	33°43'34"	0.665 sec	0.083 sec	0.126
	ΔHt.	3.935 ft	0.001 ft	-0.063 ft	-2.194
	Ellip Dist.	5877.770 ft	0.019 ft	-0.002 ft	-0.125
IAWA --> 7034 (PV1994)	Az.	167°00'14"	0.048 sec	0.050 sec	0.379
	ΔHt.	31.214 ft	0.011 ft	0.153 ft	2.169
	Ellip Dist.	63861.742 ft	0.015 ft	0.028 ft	0.604
7036 --> 7037 (PV1761)	Az.	7°00'44"	0.431 sec	0.008 sec	0.019
	ΔHt.	-3.972 ft	0.002 ft	-0.072 ft	-2.140
	Ellip Dist.	9112.082 ft	0.019 ft	-0.004 ft	-0.189
7212 --> 7088 (PV1441)	Az.	271°27'30"	0.508 sec	-0.440 sec	-0.902
	ΔHt.	-16.342 ft	0.001 ft	0.079 ft	2.136

	Ellip Dist.	8513.726 ft	0.020 ft	-0.009 ft	-0.476
7032 --> 7169 (PV1756)	Az.	93°02'59"	0.837 sec	-0.317 sec	-0.457
	ΔHt.	16.912 ft	0.001 ft	-0.069 ft	-2.115
	Ellip Dist.	5290.851 ft	0.021 ft	-0.010 ft	-0.602
7028 --> 7024 (PV1788)	Az.	230°28'35"	0.464 sec	-0.247 sec	-0.413
	ΔHt.	0.663 ft	0.001 ft	-0.083 ft	-2.111
	Ellip Dist.	8425.961 ft	0.019 ft	0.007 ft	0.279
7007 --> 7012 (PV1851)	Az.	90°46'15"	0.346 sec	-0.222 sec	-0.552
	ΔHt.	-14.404 ft	0.018 ft	0.082 ft	2.100
	Ellip Dist.	10606.758 ft	0.017 ft	0.007 ft	0.357
7174 --> 7018 (PV1843)	Az.	307°36'51"	0.112 sec	-0.090 sec	-0.470
	ΔHt.	151.098 ft	0.005 ft	0.074 ft	2.092
	Ellip Dist.	26985.349 ft	0.015 ft	0.009 ft	0.362
7041 --> 7214 (PV1615)	Az.	337°56'12"	0.362 sec	-0.816 sec	-1.560
	ΔHt.	3.534 ft	0.002 ft	-0.081 ft	-0.994
	Ellip Dist.	11741.719 ft	0.022 ft	0.073 ft	2.074
7070 --> 7077 (PV1908)	Az.	89°29'36"	0.198 sec	0.284 sec	0.852
	ΔHt.	17.343 ft	0.003 ft	-0.085 ft	-2.061
	Ellip Dist.	15890.996 ft	0.015 ft	-0.004 ft	-0.173
7090 --> 7091 (PV1502)	Az.	10°57'49"	0.669 sec	0.098 sec	0.121
	ΔHt.	-68.018 ft	0.001 ft	-0.063 ft	-2.058
	Ellip Dist.	5291.375 ft	0.018 ft	-0.012 ft	-0.579
IAWA --> 7043 (PV1997)	Az.	151°37'58"	0.042 sec	-0.015 sec	-0.119
	ΔHt.	9.503 ft	0.009 ft	0.089 ft	2.042
	Ellip Dist.	52640.422 ft	0.011 ft	0.006 ft	0.190
IAWA --> 7028 (PV1981)	Az.	165°02'25"	0.194 sec	0.142 sec	0.435
	ΔHt.	55.278 ft	0.003 ft	0.113 ft	1.967
	Ellip Dist.	14944.191 ft	0.014 ft	0.008 ft	0.352
IAWA --> 7007 (PV1993)	Az.	204°17'34"	0.014 sec	-0.069 sec	-0.818
	ΔHt.	98.870 ft	0.020 ft	0.124 ft	1.942
	Ellip Dist.	68184.678 ft	0.005 ft	0.038 ft	1.287

IAWA --> 7038 (PV1987)	Az.	88°24'37"	0.245 sec	-0.077 sec	-0.253
	ΔHt.	17.089 ft	0.018 ft	0.050 ft	1.942
	Ellip Dist.	14494.577 ft	0.017 ft	-0.005 ft	-0.244
7102 --> 7101 (PV1532)	Az.	240°44'29"	0.777 sec	0.139 sec	0.211
	ΔHt.	-7.358 ft	0.001 ft	-0.062 ft	-1.927
	Ellip Dist.	5611.478 ft	0.021 ft	0.007 ft	0.387
7174 --> 7034 (PV1838)	Az.	0°14'53"	0.187 sec	-0.040 sec	-0.128
	ΔHt.	73.881 ft	0.003 ft	0.061 ft	1.925
	Ellip Dist.	15695.833 ft	0.015 ft	0.002 ft	0.092
7074 --> 7079 (PV1943)	Az.	25°20'02"	0.014 sec	0.636 sec	1.913
	ΔHt.	60.764 ft	0.004 ft	0.055 ft	0.717
	Ellip Dist.	24105.501 ft	0.002 ft	-0.047 ft	-1.100
7152 --> 7081 (PV1568)	Az.	163°25'35"	0.014 sec	0.416 sec	1.199
	ΔHt.	-4.239 ft	0.003 ft	0.050 ft	1.352
	Ellip Dist.	16577.193 ft	0.001 ft	0.057 ft	1.909
7174 --> 7026 (PV1883)	Az.	326°04'10"	0.145 sec	-0.101 sec	-0.393
	ΔHt.	109.002 ft	0.003 ft	0.080 ft	1.888
	Ellip Dist.	18841.441 ft	0.013 ft	0.004 ft	0.164
7080 --> 7081 (PV1552)	Az.	89°46'34"	0.933 sec	1.462 sec	1.881
	ΔHt.	17.652 ft	0.020 ft	0.015 ft	0.757
	Ellip Dist.	4549.127 ft	0.020 ft	-0.010 ft	-0.595
7075 --> 7080 (PV1602)	Az.	89°56'56"	0.721 sec	1.118 sec	1.880
	ΔHt.	-3.502 ft	0.020 ft	0.014 ft	0.749
	Ellip Dist.	5878.983 ft	0.020 ft	-0.010 ft	-0.592
7070 --> 7305 (PV1953)	Az.	68°00'52"	0.228 sec	0.125 sec	0.522
	ΔHt.	35.938 ft	0.003 ft	-0.081 ft	-1.821
	Ellip Dist.	17004.523 ft	0.018 ft	0.002 ft	0.109
7215 --> 7046 (PV1698)	Az.	207°45'26"	0.810 sec	0.075 sec	0.119
	ΔHt.	74.820 ft	0.001 ft	-0.087 ft	-1.817
	Ellip Dist.	5963.368 ft	0.024 ft	-0.003 ft	-0.129
7074 --> 7078 (PV1915)	Az.	85°35'12"	0.014 sec	1.188 sec	1.815
	ΔHt.	-6.755 ft	0.002 ft	0.009 ft	0.228

	Ellip Dist.	10004.621 ft	0.001 ft	0.045 ft	1.543
7154 --> 7208 (PV1431)	Az.	311°05'18"	0.014 sec	1.056 sec	1.016
	ΔHt.	10.549 ft	0.001 ft	-0.012 ft	-0.411
	Ellip Dist.	5327.359 ft	0.000 ft	0.048 ft	1.809
7095 --> 7101 (PV1483)	Az.	35°52'52"	0.443 sec	0.235 sec	0.484
	ΔHt.	-102.180 ft	0.002 ft	-0.079 ft	-1.787
	Ellip Dist.	9758.065 ft	0.022 ft	-0.001 ft	-0.026
7008 --> 7007 (PV1875)	Az.	194°01'34"	0.220 sec	0.160 sec	0.333
	ΔHt.	-13.720 ft	0.018 ft	-0.108 ft	-1.745
	Ellip Dist.	13496.335 ft	0.015 ft	0.012 ft	0.327
IAWA --> 7025 (PV1984)	Az.	188°52'01"	0.342 sec	-0.219 sec	-0.425
	ΔHt.	21.518 ft	0.019 ft	0.050 ft	1.733
	Ellip Dist.	9128.326 ft	0.016 ft	0.004 ft	0.186
7043 --> 7034 (PV1821)	Az.	213°51'50"	0.162 sec	-0.105 sec	-0.424
	ΔHt.	21.711 ft	0.003 ft	0.056 ft	1.717
	Ellip Dist.	19142.278 ft	0.016 ft	-0.002 ft	-0.098
7058 --> 7065 (PV1721)	Az.	144°41'55"	0.258 sec	-0.036 sec	-0.110
	ΔHt.	-42.248 ft	0.002 ft	-0.047 ft	-1.712
	Ellip Dist.	13069.835 ft	0.016 ft	-0.003 ft	-0.159
IAWA --> 7073 (PV2005)	Az.	129°16'59"	0.034 sec	0.089 sec	1.690
	ΔHt.	-39.165 ft	0.017 ft	-0.006 ft	-0.072
	Ellip Dist.	100356.979 ft	0.016 ft	0.020 ft	0.802
7068 --> 7074 (PV1916)	Az.	93°46'34"	0.283 sec	-0.587 sec	-1.294
	ΔHt.	-30.655 ft	0.002 ft	-0.073 ft	-1.686
	Ellip Dist.	10496.010 ft	0.014 ft	-0.027 ft	-1.166
7138 --> 7143 (PV1592)	Az.	90°37'51"	0.162 sec	0.378 sec	1.112
	ΔHt.	32.570 ft	0.017 ft	0.080 ft	1.675
	Ellip Dist.	17825.823 ft	0.014 ft	-0.027 ft	-0.960
IAWA --> 7092 (PV1371)	Az.	332°56'03"	0.014 sec	-0.031 sec	-0.295
	ΔHt.	-10.813 ft	0.012 ft	0.116 ft	1.662
	Ellip Dist.	73151.008 ft	0.005 ft	-0.017 ft	-0.384

7035 --> 7044 (PV1810)	Az.	97°55'23"	0.375 sec	0.010 sec	0.028
	ΔHt.	24.514 ft	0.002 ft	0.047 ft	1.647
	Ellip Dist.	10627.918 ft	0.019 ft	-0.003 ft	-0.180
7118 --> 7112 (PV1453)	Az.	270°15'44"	0.260 sec	-0.075 sec	-0.249
	ΔHt.	-30.754 ft	0.003 ft	-0.062 ft	-1.622
	Ellip Dist.	15884.836 ft	0.020 ft	0.003 ft	0.121
7164 --> 7212 (PV1496)	Az.	291°25'14"	0.304 sec	0.289 sec	0.851
	ΔHt.	17.090 ft	0.002 ft	-0.058 ft	-1.600
	Ellip Dist.	14262.487 ft	0.019 ft	-0.001 ft	-0.061
7011 --> 7015 (PV1644)	Az.	89°28'50"	0.381 sec	-0.315 sec	-0.896
	ΔHt.	-13.988 ft	0.002 ft	-0.047 ft	-1.593
	Ellip Dist.	11026.176 ft	0.020 ft	-0.014 ft	-0.785
7053 --> 7054 (PV1865)	Az.	9°13'09"	0.182 sec	0.081 sec	0.239
	ΔHt.	-33.382 ft	0.003 ft	0.063 ft	1.591
	Ellip Dist.	15452.712 ft	0.015 ft	0.014 ft	0.489
7014 --> 7013 (PV1772)	Az.	180°21'33"	0.681 sec	-0.199 sec	-0.328
	ΔHt.	23.628 ft	0.001 ft	0.047 ft	1.589
	Ellip Dist.	6032.324 ft	0.021 ft	0.009 ft	0.514
7009 --> 7020 (PV1798)	Az.	89°21'27"	0.181 sec	-0.128 sec	-0.603
	ΔHt.	84.338 ft	0.003 ft	-0.043 ft	-1.583
	Ellip Dist.	19610.525 ft	0.017 ft	-0.007 ft	-0.321
7027 --> 7032 (PV1806)	Az.	26°53'11"	0.321 sec	-0.094 sec	-0.287
	ΔHt.	-17.686 ft	0.002 ft	0.059 ft	1.581
	Ellip Dist.	11938.103 ft	0.019 ft	0.007 ft	0.351
7136 --> 7133 (PV1566)	Az.	1°08'46"	0.364 sec	-0.210 sec	-0.541
	ΔHt.	34.392 ft	0.002 ft	-0.056 ft	-1.577
	Ellip Dist.	10510.915 ft	0.019 ft	-0.004 ft	-0.209
7011 --> 7310 (PV1676)	Az.	151°10'15"	0.186 sec	-0.220 sec	-0.809
	ΔHt.	-19.340 ft	0.003 ft	-0.045 ft	-1.575
	Ellip Dist.	16706.849 ft	0.015 ft	-0.003 ft	-0.138
7164 --> 7211 (PV1476)	Az.	238°32'49"	0.272 sec	-0.104 sec	-0.352
	ΔHt.	-20.835 ft	0.002 ft	-0.058 ft	-1.565

	Ellip Dist.	15097.266 ft	0.020 ft	0.004 ft	0.183
7161 --> 7023 (PV1683)	Az.	223°12'26"	0.387 sec	0.044 sec	0.086
	ΔHt.	36.230 ft	0.015 ft	0.046 ft	1.557
	Ellip Dist.	8954.829 ft	0.017 ft	0.011 ft	0.492
7131 --> 7133 (PV1549)	Az.	26°55'59"	0.328 sec	-0.083 sec	-0.207
	ΔHt.	-38.338 ft	0.002 ft	-0.070 ft	-1.546
	Ellip Dist.	11390.665 ft	0.018 ft	-0.011 ft	-0.500
7075 --> 7143 (PV1601)	Az.	327°18'55"	0.178 sec	0.176 sec	0.694
	ΔHt.	25.374 ft	0.016 ft	-0.047 ft	-1.540
	Ellip Dist.	18911.771 ft	0.017 ft	0.008 ft	0.328
IAWA --> 7079 (PV2003)	Az.	95°59'47"	0.014 sec	0.142 sec	1.539
	ΔHt.	52.746 ft	0.014 ft	0.233 ft	1.149
	Ellip Dist.	88344.053 ft	0.006 ft	-0.011 ft	-0.328
7076 --> 7073 (PV1933)	Az.	248°02'17"	0.293 sec	0.617 sec	1.539
	ΔHt.	32.170 ft	0.002 ft	-0.014 ft	-0.283
	Ellip Dist.	11361.251 ft	0.016 ft	-0.016 ft	-0.729
7013 --> 7009 (PV1799)	Az.	228°36'23"	0.491 sec	-0.426 sec	-0.900
	ΔHt.	-19.010 ft	0.001 ft	-0.074 ft	-1.538
	Ellip Dist.	8418.675 ft	0.020 ft	0.002 ft	0.120
IAWA --> 7037 (PV1985)	Az.	110°13'22"	0.237 sec	-0.056 sec	-0.203
	ΔHt.	37.207 ft	0.003 ft	0.048 ft	1.507
	Ellip Dist.	15493.377 ft	0.018 ft	-0.004 ft	-0.195
7020 --> 7027 (PV1805)	Az.	90°08'24"	0.336 sec	-0.171 sec	-0.450
	ΔHt.	-17.206 ft	0.002 ft	-0.041 ft	-1.490
	Ellip Dist.	10807.646 ft	0.017 ft	-0.023 ft	-1.151
7126 --> 7131 (PV1585)	Az.	88°50'25"	0.383 sec	-0.007 sec	-0.019
	ΔHt.	7.631 ft	0.002 ft	0.056 ft	1.488
	Ellip Dist.	10710.363 ft	0.019 ft	-0.009 ft	-0.495
7108 --> 7172 (PV1665)	Az.	298°49'39"	0.407 sec	-0.082 sec	-0.307
	ΔHt.	-2.051 ft	0.002 ft	0.040 ft	1.487
	Ellip Dist.	11211.503 ft	0.022 ft	-0.001 ft	-0.049

7013 --> 7016 (PV1770)	Az.	90°58'22"	0.474 sec	-0.467 sec	-0.882
	ΔHt.	48.399 ft	0.002 ft	-0.059 ft	-1.469
	Ellip Dist.	9317.688 ft	0.020 ft	-0.010 ft	-0.499
7132 --> 7134 (PV1430)	Az.	18°34'37"	0.178 sec	-0.422 sec	-1.419
	ΔHt.	25.617 ft	0.017 ft	0.002 ft	0.061
	Ellip Dist.	16339.485 ft	0.015 ft	-0.011 ft	-0.468
7310 --> 7021 (PV1764)	Az.	88°33'03"	0.225 sec	-0.042 sec	-0.115
	ΔHt.	-15.077 ft	0.002 ft	-0.062 ft	-1.418
	Ellip Dist.	13085.353 ft	0.014 ft	-0.007 ft	-0.303
7019 --> 7031 (PV1904)	Az.	89°58'27"	0.243 sec	-0.002 sec	-0.008
	ΔHt.	-20.209 ft	0.003 ft	-0.051 ft	-1.397
	Ellip Dist.	16109.075 ft	0.018 ft	-0.009 ft	-0.404
IAWA --> 7128 (PV1405)	Az.	25°33'27"	0.014 sec	0.035 sec	0.423
	ΔHt.	114.902 ft	0.011 ft	0.101 ft	1.385
	Ellip Dist.	70377.927 ft	0.005 ft	0.009 ft	0.315
IAWA --> 7022 (PV1975)	Az.	229°50'12"	0.510 sec	0.147 sec	0.166
	ΔHt.	0.066 ft	0.014 ft	0.033 ft	1.374
	Ellip Dist.	5375.131 ft	0.013 ft	0.011 ft	0.466
7079 --> 7078 (PV1730)	Az.	180°57'05"	0.014 sec	-0.013 sec	-0.045
	ΔHt.	-67.519 ft	0.004 ft	-0.018 ft	-0.422
	Ellip Dist.	21020.158 ft	0.001 ft	-0.046 ft	-1.373
7061 --> 7064 (PV1900)	Az.	17°08'19"	0.124 sec	-0.295 sec	-1.170
	ΔHt.	92.097 ft	0.004 ft	-0.083 ft	-1.365
	Ellip Dist.	22113.969 ft	0.014 ft	-0.012 ft	-0.437
7150 --> 7153 (PV1464)	Az.	90°41'08"	0.409 sec	-0.196 sec	-0.291
	ΔHt.	-58.364 ft	0.001 ft	-0.058 ft	-1.361
	Ellip Dist.	8680.655 ft	0.016 ft	-0.018 ft	-0.718
IAWA --> 7042 (PV1990)	Az.	158°07'54"	0.037 sec	0.046 sec	0.504
	ΔHt.	89.984 ft	0.011 ft	0.149 ft	1.355
	Ellip Dist.	67024.537 ft	0.012 ft	0.025 ft	0.748
7100 --> 7220 (PV1507)	Az.	65°50'54"	0.923 sec	-0.996 sec	-1.350
	ΔHt.	-89.846 ft	0.027 ft	0.007 ft	0.304

	Ellip Dist.	4962.104 ft	0.022 ft	0.010 ft	0.585
7094 --> 7093 (PV1622)	Az.	124°17'05"	1.160 sec	-0.260 sec	-0.336
	ΔHt.	8.588 ft	0.001 ft	-0.039 ft	-1.345
	Ellip Dist.	3966.167 ft	0.022 ft	-0.001 ft	-0.094
7201 --> 7090 (PV1504)	Az.	260°16'31"	0.791 sec	-0.052 sec	-0.089
	ΔHt.	72.157 ft	0.001 ft	-0.045 ft	-1.341
	Ellip Dist.	5593.389 ft	0.021 ft	-0.005 ft	-0.328
7053 --> 7064 (PV1864)	Az.	45°51'58"	0.014 sec	-0.284 sec	-1.020
	ΔHt.	51.508 ft	0.004 ft	-0.072 ft	-1.338
	Ellip Dist.	22099.937 ft	0.002 ft	-0.008 ft	-0.278
7018 --> 7019 (PV1820)	Az.	359°52'21"	0.224 sec	-0.056 sec	-0.183
	ΔHt.	-25.193 ft	0.003 ft	-0.048 ft	-1.333
	Ellip Dist.	15025.503 ft	0.018 ft	-0.005 ft	-0.195
7058 --> 7057 (PV1726)	Az.	253°14'17"	0.517 sec	-0.084 sec	-0.177
	ΔHt.	-52.816 ft	0.001 ft	0.052 ft	1.332
	Ellip Dist.	7905.463 ft	0.019 ft	0.001 ft	0.073
IAWA --> 7128 (PV1379)	Az.	25°33'27"	0.014 sec	-0.123 sec	-1.330
	ΔHt.	114.902 ft	0.011 ft	0.069 ft	0.706
	Ellip Dist.	70377.927 ft	0.005 ft	-0.026 ft	-0.776
7163 --> 7110 (PV1547)	Az.	285°03'21"	0.340 sec	-0.100 sec	-0.305
	ΔHt.	4.093 ft	0.002 ft	-0.061 ft	-1.312
	Ellip Dist.	11852.585 ft	0.019 ft	-0.003 ft	-0.141
IAWA --> 7120 (PV1377)	Az.	8°11'29"	0.014 sec	-0.157 sec	-1.312
	ΔHt.	59.445 ft	0.011 ft	0.073 ft	0.917
	Ellip Dist.	64175.287 ft	0.004 ft	-0.027 ft	-0.578
7019 --> 7008 (PV1903)	Az.	261°32'54"	0.214 sec	-0.291 sec	-0.935
	ΔHt.	29.352 ft	0.003 ft	0.056 ft	1.310
	Ellip Dist.	17847.113 ft	0.017 ft	0.002 ft	0.066
IAWA --> 7022 (PV1986)	Az.	229°50'12"	0.510 sec	-0.502 sec	-0.568
	ΔHt.	0.066 ft	0.014 ft	0.032 ft	1.306
	Ellip Dist.	5375.131 ft	0.013 ft	-0.013 ft	-0.578

7021 --> 7403 (PV1790)	Az.	348°46'44"	0.612 sec	-0.389 sec	-0.398
	ΔHt.	-69.814 ft	0.001 ft	-0.037 ft	-1.303
	Ellip Dist.	4699.786 ft	0.014 ft	-0.006 ft	-0.260
7028 --> 7025 (PV1787)	Az.	315°50'03"	0.487 sec	0.211 sec	0.357
	ΔHt.	-33.760 ft	0.019 ft	-0.078 ft	-1.301
	Ellip Dist.	7554.934 ft	0.018 ft	-0.004 ft	-0.164
7166 --> 7063 (PV1930)	Az.	217°46'20"	0.618 sec	-0.303 sec	-0.486
	ΔHt.	-15.646 ft	0.001 ft	0.037 ft	1.293
	Ellip Dist.	6242.006 ft	0.019 ft	-0.002 ft	-0.080
7154 --> 7153 (PV1463)	Az.	189°43'49"	0.014 sec	0.458 sec	1.283
	ΔHt.	-63.861 ft	0.003 ft	-0.017 ft	-0.465
	Ellip Dist.	16292.815 ft	0.001 ft	-0.015 ft	-0.503
7063 --> 7061 (PV1947)	Az.	270°09'16"	0.482 sec	0.244 sec	0.394
	ΔHt.	2.102 ft	0.001 ft	-0.047 ft	-1.274
	Ellip Dist.	7849.106 ft	0.018 ft	0.017 ft	0.798
7068 --> 7166 (PV1932)	Az.	198°32'21"	0.215 sec	-0.151 sec	-0.590
	ΔHt.	-88.152 ft	0.003 ft	0.074 ft	1.271
	Ellip Dist.	17076.343 ft	0.018 ft	0.021 ft	1.001
7042 --> 7034 (PV1859)	Az.	269°55'49"	0.319 sec	0.025 sec	0.056
	ΔHt.	-58.769 ft	0.002 ft	0.039 ft	1.268
	Ellip Dist.	10603.622 ft	0.016 ft	-0.002 ft	-0.093
7215 --> 7040 (PV1701)	Az.	270°53'26"	0.474 sec	-0.060 sec	-0.116
	ΔHt.	64.752 ft	0.001 ft	0.046 ft	1.263
	Ellip Dist.	8542.419 ft	0.019 ft	-0.009 ft	-0.414
IAWA --> 7151 (PV1406)	Az.	48°54'57"	0.014 sec	-0.028 sec	-0.463
	ΔHt.	73.322 ft	0.015 ft	0.091 ft	1.262
	Ellip Dist.	96295.971 ft	0.007 ft	-0.015 ft	-0.516
7171 --> 7100 (PV1639)	Az.	287°43'10"	0.179 sec	0.272 sec	1.154
	ΔHt.	73.385 ft	0.003 ft	0.074 ft	1.255
	Ellip Dist.	20796.598 ft	0.018 ft	-0.029 ft	-1.168
7170 --> 7214 (PV1634)	Az.	142°45'13"	0.252 sec	-0.178 sec	-0.379
	ΔHt.	-9.737 ft	0.002 ft	0.017 ft	0.241

	Ellip Dist.	13615.343 ft	0.018 ft	0.044 ft	1.248
7035 --> 7169 (PV1779)	Az.	0°32'10"	0.433 sec	-0.037 sec	-0.102
	ΔHt.	82.129 ft	0.002 ft	0.051 ft	1.238
	Ellip Dist.	9677.937 ft	0.021 ft	0.008 ft	0.480
7214 --> 7126 (PV1633)	Az.	42°38'09"	0.261 sec	-0.282 sec	-0.527
	ΔHt.	99.520 ft	0.002 ft	0.093 ft	1.236
	Ellip Dist.	14059.262 ft	0.017 ft	-0.013 ft	-0.458
7108 --> 7109 (PV1668)	Az.	91°50'36"	0.594 sec	0.136 sec	0.191
	ΔHt.	-11.552 ft	0.020 ft	0.028 ft	1.223
	Ellip Dist.	6059.543 ft	0.017 ft	-0.001 ft	-0.025
IAWA --> 7030 (PV1974)	Az.	84°00'00"	0.884 sec	0.599 sec	0.550
	ΔHt.	29.232 ft	0.020 ft	0.030 ft	1.201
	Ellip Dist.	3872.833 ft	0.016 ft	-0.001 ft	-0.053
7076 --> 7067 (PV1922)	Az.	262°20'07"	0.196 sec	0.264 sec	1.200
	ΔHt.	3.807 ft	0.003 ft	0.025 ft	0.657
	Ellip Dist.	21172.626 ft	0.018 ft	-0.005 ft	-0.222
7148 --> 7154 (PV1458)	Az.	81°54'44"	0.132 sec	0.331 sec	1.197
	ΔHt.	28.406 ft	0.014 ft	0.036 ft	1.193
	Ellip Dist.	18803.781 ft	0.012 ft	0.008 ft	0.333
7167 --> 7078 (PV1693)	Az.	196°53'51"	0.371 sec	0.183 sec	0.489
	ΔHt.	-73.875 ft	0.002 ft	-0.043 ft	-1.189
	Ellip Dist.	10986.117 ft	0.021 ft	-0.024 ft	-1.137
7133 --> 7132 (PV1472)	Az.	342°02'49"	0.199 sec	-0.068 sec	-0.248
	ΔHt.	61.743 ft	0.017 ft	-0.038 ft	-1.189
	Ellip Dist.	16814.403 ft	0.017 ft	-0.005 ft	-0.211
7069 --> 7066 (PV1572)	Az.	271°27'13"	0.396 sec	0.020 sec	0.046
	ΔHt.	0.377 ft	0.002 ft	0.036 ft	1.186
	Ellip Dist.	9926.503 ft	0.018 ft	0.001 ft	0.069
7043 --> 7054 (PV1823)	Az.	49°07'33"	0.137 sec	-0.098 sec	-0.431
	ΔHt.	-81.355 ft	0.004 ft	0.048 ft	1.172
	Ellip Dist.	24062.563 ft	0.016 ft	-0.002 ft	-0.066

7126 --> 7170 (PV1584)	Az.	271°37'52"	0.186 sec	-0.165 sec	-0.627
	ΔHt.	-89.783 ft	0.003 ft	-0.038 ft	-1.172
	Ellip Dist.	17766.507 ft	0.016 ft	-0.003 ft	-0.121
7154 --> 7150 (PV1414)	Az.	215°38'03"	0.173 sec	0.253 sec	1.113
	ΔHt.	-5.497 ft	0.003 ft	0.036 ft	1.160
	Ellip Dist.	19624.912 ft	0.017 ft	-0.012 ft	-0.540
7145 --> 7154 (PV1435)	Az.	53°03'46"	0.014 sec	0.245 sec	1.147
	ΔHt.	0.774 ft	0.004 ft	0.021 ft	0.699
	Ellip Dist.	26569.898 ft	0.002 ft	-0.016 ft	-0.584
7090 --> 7094 (PV1535)	Az.	172°26'40"	0.272 sec	-0.160 sec	-0.348
	ΔHt.	27.566 ft	0.002 ft	0.044 ft	1.135
	Ellip Dist.	10262.497 ft	0.014 ft	0.011 ft	0.469
7007 --> 7043 (PV1832)	Az.	73°19'15"	0.041 sec	-0.128 sec	-1.098
	ΔHt.	-89.367 ft	0.018 ft	-0.044 ft	-1.135
	Ellip Dist.	55372.218 ft	0.011 ft	0.015 ft	0.500
7158 --> 7039 (PV1746)	Az.	147°27'40"	0.579 sec	-0.107 sec	-0.167
	ΔHt.	-12.530 ft	0.001 ft	-0.035 ft	-1.134
	Ellip Dist.	6380.381 ft	0.018 ft	0.009 ft	0.431
7126 --> 7122 (PV1656)	Az.	224°05'57"	0.697 sec	-0.260 sec	-0.409
	ΔHt.	-65.953 ft	0.042 ft	-0.051 ft	-1.129
	Ellip Dist.	7435.202 ft	0.026 ft	-0.009 ft	-0.369
7111 --> 7102 (PV1521)	Az.	271°43'25"	0.397 sec	0.067 sec	0.186
	ΔHt.	-6.601 ft	0.002 ft	-0.035 ft	-1.125
	Ellip Dist.	10584.029 ft	0.020 ft	0.005 ft	0.272
7040 --> 7041 (PV1719)	Az.	1°17'34"	0.426 sec	-0.346 sec	-0.787
	ΔHt.	-61.113 ft	0.002 ft	-0.044 ft	-1.115
	Ellip Dist.	9373.230 ft	0.020 ft	0.017 ft	0.774
7113 --> 7114 (PV1426)	Az.	344°42'32"	0.285 sec	-0.006 sec	-0.013
	ΔHt.	-33.382 ft	0.002 ft	0.000 ft	-0.006
	Ellip Dist.	10646.421 ft	0.015 ft	0.026 ft	1.107
IAWA --> 7161 (PV1976)	Az.	348°15'08"	0.407 sec	0.208 sec	0.317
	ΔHt.	-29.719 ft	0.015 ft	0.031 ft	1.090

	Ellip Dist.	7253.628 ft	0.015 ft	-0.010 ft	-0.404
7021 --> 7025 (PV1765)	Az.	50°21'58"	0.497 sec	-0.252 sec	-0.405
	ΔHt.	-26.526 ft	0.019 ft	-0.030 ft	-1.090
	Ellip Dist.	7420.034 ft	0.018 ft	0.001 ft	0.043
7042 --> 7175 (PV1858)	Az.	180°29'38"	0.216 sec	0.020 sec	0.070
	ΔHt.	-138.150 ft	0.003 ft	-0.034 ft	-1.062
	Ellip Dist.	15653.914 ft	0.017 ft	0.000 ft	-0.007
7162 --> 7212 (PV1445)	Az.	274°22'32"	0.796 sec	-0.849 sec	-1.060
	ΔHt.	29.295 ft	0.001 ft	-0.011 ft	-0.384
	Ellip Dist.	4863.238 ft	0.018 ft	-0.002 ft	-0.093
7068 --> 7070 (PV1910)	Az.	162°13'22"	0.210 sec	0.031 sec	0.103
	ΔHt.	-26.435 ft	0.003 ft	-0.002 ft	-0.056
	Ellip Dist.	16852.050 ft	0.018 ft	0.028 ft	1.049
7148 --> 7208 (PV1456)	Az.	67°10'39"	0.154 sec	-0.187 sec	-0.597
	ΔHt.	38.955 ft	0.014 ft	0.026 ft	1.047
	Ellip Dist.	15838.670 ft	0.012 ft	0.003 ft	0.118
7169 --> 7039 (PV1758)	Az.	87°48'57"	0.904 sec	-1.051 sec	-1.032
	ΔHt.	-49.141 ft	0.001 ft	-0.018 ft	-0.348
	Ellip Dist.	5246.747 ft	0.022 ft	-0.015 ft	-0.645
7049 --> 7054 (PV1780)	Az.	92°18'09"	0.535 sec	-0.183 sec	-0.323
	ΔHt.	-10.608 ft	0.020 ft	-0.041 ft	-1.029
	Ellip Dist.	7708.938 ft	0.019 ft	-0.009 ft	-0.450
7109 --> 7015 (PV1625)	Az.	221°27'44"	0.311 sec	-0.139 sec	-0.393
	ΔHt.	24.469 ft	0.020 ft	0.040 ft	1.019
	Ellip Dist.	13635.946 ft	0.021 ft	0.006 ft	0.247
7214 --> 7122 (PV1655)	Az.	41°01'16"	0.776 sec	-0.063 sec	-0.090
	ΔHt.	33.567 ft	0.042 ft	0.042 ft	1.015
	Ellip Dist.	6629.038 ft	0.025 ft	-0.009 ft	-0.425
7171 --> 7108 (PV1666)	Az.	248°47'35"	0.199 sec	-0.019 sec	-0.063
	ΔHt.	55.997 ft	0.002 ft	0.028 ft	1.013
	Ellip Dist.	14916.469 ft	0.014 ft	0.005 ft	0.215

7007 --> 7174 (PV1835)	Az.	110°21'27"	0.014 sec	-0.123 sec	-1.010
	ΔHt.	-141.537 ft	0.018 ft	-0.005 ft	-0.152
	Ellip Dist.	45196.578 ft	0.003 ft	0.006 ft	0.234
7061 --> 7052 (PV1901)	Az.	199°23'14"	0.276 sec	-0.178 sec	-0.476
	ΔHt.	28.574 ft	0.002 ft	0.048 ft	1.008
	Ellip Dist.	11952.333 ft	0.017 ft	-0.003 ft	-0.164
7161 --> 7030 (PV1654)	Az.	141°29'18"	0.442 sec	0.227 sec	0.450
	ΔHt.	58.952 ft	0.022 ft	-0.027 ft	-1.002
	Ellip Dist.	8558.081 ft	0.019 ft	-0.007 ft	-0.325
7062 --> 7067 (PV1912)	Az.	90°19'19"	0.436 sec	0.429 sec	0.999
	ΔHt.	-16.544 ft	0.002 ft	-0.018 ft	-0.442
	Ellip Dist.	10643.986 ft	0.021 ft	0.006 ft	0.288
7079 --> 7167 (PV1728)	Az.	164°51'27"	0.369 sec	-0.054 sec	-0.147
	ΔHt.	6.356 ft	0.002 ft	0.022 ft	0.633
	Ellip Dist.	10882.921 ft	0.021 ft	-0.021 ft	-0.998
7008 --> 7009 (PV1873)	Az.	354°06'51"	0.189 sec	-0.006 sec	-0.025
	ΔHt.	-113.755 ft	0.003 ft	-0.033 ft	-0.996
	Ellip Dist.	18633.194 ft	0.018 ft	0.003 ft	0.147
7060 --> 7052 (PV1940)	Az.	245°47'22"	0.500 sec	-0.028 sec	-0.047
	ΔHt.	17.582 ft	0.001 ft	-0.033 ft	-0.988
	Ellip Dist.	7581.306 ft	0.018 ft	-0.010 ft	-0.482
7040 --> 7039 (PV1699)	Az.	180°26'06"	0.352 sec	-0.283 sec	-0.693
	ΔHt.	5.345 ft	0.002 ft	-0.030 ft	-0.700
	Ellip Dist.	10818.617 ft	0.019 ft	0.021 ft	0.986
7005 --> 7082 (PV1631)	Az.	0°01'42"	0.014 sec	0.373 sec	0.986
	ΔHt.	-46.229 ft	0.003 ft	-0.030 ft	-0.833
	Ellip Dist.	15562.907 ft	0.001 ft	-0.011 ft	-0.375
7047 --> 7041 (PV1720)	Az.	270°05'56"	0.487 sec	0.160 sec	0.225
	ΔHt.	9.352 ft	0.001 ft	-0.038 ft	-0.982
	Ellip Dist.	6945.519 ft	0.016 ft	-0.001 ft	-0.053
7118 --> 7124 (PV1452)	Az.	76°30'35"	0.351 sec	-0.447 sec	-0.971
	ΔHt.	36.377 ft	0.002 ft	-0.020 ft	-0.496

	Ellip Dist.	11033.236 ft	0.018 ft	0.012 ft	0.560
7141 --> 7151 (PV1413)	Az.	53°49'59"	0.137 sec	-0.114 sec	-0.434
	ΔHt.	4.780 ft	0.023 ft	-0.008 ft	-0.148
	Ellip Dist.	26096.891 ft	0.017 ft	0.031 ft	0.965
7132 --> 7151 (PV1429)	Az.	67°36'18"	0.077 sec	-0.104 sec	-0.632
	ΔHt.	-10.361 ft	0.018 ft	-0.041 ft	-0.960
	Ellip Dist.	39921.880 ft	0.014 ft	0.002 ft	0.059
7088 --> 7085 (PV1443)	Az.	330°59'22"	0.316 sec	0.044 sec	0.120
	ΔHt.	88.861 ft	0.002 ft	0.036 ft	0.959
	Ellip Dist.	11840.159 ft	0.018 ft	-0.009 ft	-0.389
7132 --> 7124 (PV1428)	Az.	269°41'38"	0.264 sec	-0.039 sec	-0.142
	ΔHt.	22.343 ft	0.017 ft	-0.019 ft	-0.587
	Ellip Dist.	15978.716 ft	0.019 ft	-0.019 ft	-0.956
7079 --> 7071 (PV1729)	Az.	251°40'07"	0.206 sec	0.276 sec	0.952
	ΔHt.	-9.609 ft	0.019 ft	-0.013 ft	-0.418
	Ellip Dist.	16308.695 ft	0.016 ft	0.008 ft	0.361
7143 --> 7069 (PV1575)	Az.	181°08'33"	0.226 sec	0.087 sec	0.318
	ΔHt.	-38.105 ft	0.016 ft	-0.029 ft	-0.947
	Ellip Dist.	15968.173 ft	0.018 ft	0.005 ft	0.214
7065 --> 7056 (PV1707)	Az.	275°34'56"	0.347 sec	-0.069 sec	-0.155
	ΔHt.	26.162 ft	0.002 ft	0.029 ft	0.943
	Ellip Dist.	10365.055 ft	0.017 ft	-0.003 ft	-0.125
IAWA --> 7001 (PV1999)	Az.	211°48'09"	0.014 sec	0.112 sec	0.938
	ΔHt.	121.694 ft	0.012 ft	-0.172 ft	-0.858
	Ellip Dist.	73270.675 ft	0.005 ft	-0.011 ft	-0.297
7145 --> 7153 (PV1560)	Az.	90°17'29"	0.014 sec	0.299 sec	0.924
	ΔHt.	-63.087 ft	0.003 ft	-0.002 ft	-0.060
	Ellip Dist.	18498.675 ft	0.001 ft	-0.002 ft	-0.080
7023 --> 7015 (PV1682)	Az.	270°30'11"	0.422 sec	-0.231 sec	-0.540
	ΔHt.	61.963 ft	0.002 ft	0.028 ft	0.919
	Ellip Dist.	9608.810 ft	0.019 ft	-0.011 ft	-0.575

7086 --> 7088 (PV1442)	Az.	92°48'03"	1.620 sec	-0.676 sec	-0.463
	ΔHt.	-4.571 ft	0.000 ft	-0.026 ft	-0.918
	Ellip Dist.	2514.663 ft	0.019 ft	-0.003 ft	-0.174
7007 --> 7001 (PV1834)	Az.	269°15'41"	0.014 sec	-0.353 sec	-0.632
	ΔHt.	22.824 ft	0.018 ft	-0.027 ft	-0.910
	Ellip Dist.	10562.654 ft	0.001 ft	-0.015 ft	-0.561
7118 --> 7124 (PV1474)	Az.	76°30'35"	0.351 sec	0.531 sec	0.909
	ΔHt.	36.377 ft	0.002 ft	-0.024 ft	-0.355
	Ellip Dist.	11033.236 ft	0.018 ft	-0.022 ft	-0.737
7083 --> 7082 (PV1481)	Az.	180°09'15"	0.014 sec	0.067 sec	0.179
	ΔHt.	79.370 ft	0.003 ft	0.034 ft	0.896
	Ellip Dist.	15498.350 ft	0.001 ft	-0.017 ft	-0.580
7126 --> 7157 (PV1617)	Az.	171°40'27"	0.209 sec	0.177 sec	0.748
	ΔHt.	-101.999 ft	0.003 ft	0.004 ft	0.104
	Ellip Dist.	18138.762 ft	0.019 ft	-0.019 ft	-0.888
7148 --> 7217 (PV1467)	Az.	212°09'36"	0.383 sec	0.411 sec	0.880
	ΔHt.	-6.858 ft	0.020 ft	0.003 ft	0.119
	Ellip Dist.	9474.323 ft	0.018 ft	0.001 ft	0.032
7310 --> 7004 (PV1678)	Az.	267°59'01"	0.182 sec	-0.228 sec	-0.871
	ΔHt.	-4.687 ft	0.003 ft	0.019 ft	0.534
	Ellip Dist.	18380.758 ft	0.016 ft	0.000 ft	-0.013
7145 --> 7143 (PV1551)	Az.	161°45'06"	0.170 sec	-0.032 sec	-0.104
	ΔHt.	-1.129 ft	0.017 ft	-0.003 ft	-0.090
	Ellip Dist.	16649.560 ft	0.014 ft	0.021 ft	0.870
7121 --> 7170 (PV1561)	Az.	236°10'59"	0.454 sec	-0.265 sec	-0.520
	ΔHt.	-54.263 ft	0.001 ft	-0.032 ft	-0.869
	Ellip Dist.	8584.581 ft	0.019 ft	0.001 ft	0.040
7123 --> 7124 (PV1490)	Az.	0°15'31"	0.243 sec	-0.224 sec	-0.856
	ΔHt.	52.525 ft	0.003 ft	0.005 ft	0.109
	Ellip Dist.	16471.387 ft	0.020 ft	0.001 ft	0.051
7174 --> 7019 (PV1839)	Az.	325°48'40"	0.076 sec	-0.094 sec	-0.605
	ΔHt.	125.905 ft	0.006 ft	0.042 ft	0.855

	Ellip Dist.	38075.668 ft	0.015 ft	-0.006 ft	-0.200
7104 --> 7114 (PV1410)	Az.	53°23'25"	0.594 sec	-0.513 sec	-0.853
	ΔHt.	15.933 ft	0.001 ft	-0.007 ft	-0.244
	Ellip Dist.	6511.118 ft	0.019 ft	0.009 ft	0.451
IAWA --> 7142 (PV1407)	Az.	38°24'42"	0.014 sec	-0.050 sec	-0.595
	ΔHt.	112.910 ft	0.013 ft	0.090 ft	0.792
	Ellip Dist.	80977.182 ft	0.006 ft	0.030 ft	0.850
7145 --> 7153 (PV1462)	Az.	90°17'29"	0.014 sec	0.264 sec	0.849
	ΔHt.	-63.087 ft	0.003 ft	-0.008 ft	-0.275
	Ellip Dist.	18498.675 ft	0.001 ft	-0.021 ft	-0.758
7012 --> 7018 (PV1854)	Az.	85°19'57"	0.384 sec	-0.347 sec	-0.845
	ΔHt.	23.964 ft	0.002 ft	-0.005 ft	-0.163
	Ellip Dist.	10396.286 ft	0.018 ft	0.007 ft	0.342
7214 --> 7209 (PV1632)	Az.	236°23'37"	1.316 sec	1.541 sec	0.837
	ΔHt.	20.793 ft	0.022 ft	0.017 ft	0.355
	Ellip Dist.	3349.979 ft	0.020 ft	-0.012 ft	-0.474
7076 --> 7077 (PV1923)	Az.	0°20'20"	0.014 sec	-0.161 sec	-0.353
	ΔHt.	84.881 ft	0.002 ft	-0.031 ft	-0.759
	Ellip Dist.	13019.534 ft	0.001 ft	0.025 ft	0.837
7111 --> 7110 (PV1489)	Az.	226°26'56"	0.557 sec	-0.168 sec	-0.317
	ΔHt.	-15.979 ft	0.001 ft	-0.028 ft	-0.834
	Ellip Dist.	7347.158 ft	0.020 ft	0.002 ft	0.105
7215 --> 7057 (PV1702)	Az.	78°08'37"	0.327 sec	-0.056 sec	-0.186
	ΔHt.	21.186 ft	0.002 ft	0.030 ft	0.827
	Ellip Dist.	13547.962 ft	0.020 ft	-0.002 ft	-0.108
7004 --> 7003 (PV1754)	Az.	179°58'36"	0.209 sec	-0.197 sec	-0.668
	ΔHt.	-44.704 ft	0.003 ft	0.025 ft	0.824
	Ellip Dist.	15675.002 ft	0.016 ft	0.009 ft	0.376
7027 --> 7031 (PV1847)	Az.	161°58'30"	0.211 sec	0.082 sec	0.327
	ΔHt.	-2.938 ft	0.003 ft	-0.042 ft	-0.824
	Ellip Dist.	16915.662 ft	0.018 ft	-0.001 ft	-0.046

7212 --> 7097 (PV1419)	Az.	21°47'50"	0.690 sec	-0.538 sec	-0.696
	ΔHt.	-20.281 ft	0.001 ft	0.001 ft	0.037
	Ellip Dist.	5835.327 ft	0.020 ft	0.018 ft	0.823
7048 --> 7175 (PV1894)	Az.	214°25'21"	0.157 sec	0.048 sec	0.190
	ΔHt.	-37.768 ft	0.003 ft	-0.027 ft	-0.820
	Ellip Dist.	19027.736 ft	0.015 ft	-0.006 ft	-0.244
7085 --> IAWA (PV1362)	Az.	144°59'50"	0.014 sec	-0.031 sec	-0.384
	ΔHt.	-84.898 ft	0.013 ft	-0.073 ft	-0.727
	Ellip Dist.	77507.292 ft	0.005 ft	-0.025 ft	-0.812
7075 --> 7143 (PV1600)	Az.	327°18'55"	0.178 sec	0.287 sec	0.792
	ΔHt.	25.374 ft	0.016 ft	-0.030 ft	-0.459
	Ellip Dist.	18911.771 ft	0.017 ft	0.030 ft	0.811
7008 --> 7012 (PV1872)	Az.	151°00'39"	0.256 sec	0.009 sec	0.031
	ΔHt.	-28.123 ft	0.003 ft	-0.031 ft	-0.804
	Ellip Dist.	15134.289 ft	0.019 ft	-0.002 ft	-0.073
7305 --> 7078 (PV1955)	Az.	357°19'53"	0.344 sec	0.374 sec	0.803
	ΔHt.	-46.913 ft	0.002 ft	0.021 ft	0.647
	Ellip Dist.	9772.003 ft	0.017 ft	0.001 ft	0.035
7030 --> 7309 (PV1653)	Az.	75°07'47"	0.907 sec	0.419 sec	0.802
	ΔHt.	27.988 ft	0.035 ft	0.005 ft	0.453
	Ellip Dist.	5431.131 ft	0.024 ft	-0.005 ft	-0.388
7118 --> 7120 (PV1455)	Az.	0°30'33"	0.199 sec	-0.134 sec	-0.444
	ΔHt.	-10.205 ft	0.003 ft	0.042 ft	0.802
	Ellip Dist.	18194.452 ft	0.018 ft	0.015 ft	0.525
IAWA --> 7174 (PV1992)	Az.	169°35'55"	0.014 sec	-0.012 sec	-0.133
	ΔHt.	-42.667 ft	0.013 ft	0.089 ft	0.675
	Ellip Dist.	79223.570 ft	0.005 ft	0.033 ft	0.793
7071 --> 7068 (PV1694)	Az.	198°23'28"	0.224 sec	0.162 sec	0.606
	ΔHt.	-20.499 ft	0.019 ft	-0.024 ft	-0.793
	Ellip Dist.	16814.973 ft	0.019 ft	0.006 ft	0.229
7129 --> 7157 (PV1556)	Az.	255°59'14"	0.502 sec	0.149 sec	0.297
	ΔHt.	-11.279 ft	0.017 ft	-0.007 ft	-0.224

	Ellip Dist.	8264.301 ft	0.020 ft	0.016 ft	0.787
7053 --> 7048 (PV1889)	Az.	197°38'14"	0.014 sec	-0.243 sec	-0.764
	ΔHt.	28.071 ft	0.003 ft	0.012 ft	0.358
	Ellip Dist.	17128.102 ft	0.001 ft	-0.021 ft	-0.784
7100 --> 7101 (PV1510)	Az.	349°13'45"	0.322 sec	0.188 sec	0.468
	ΔHt.	-98.113 ft	0.002 ft	-0.033 ft	-0.777
	Ellip Dist.	11951.915 ft	0.020 ft	0.002 ft	0.082
7066 --> 7065 (PV1705)	Az.	181°50'30"	0.238 sec	0.017 sec	0.059
	ΔHt.	-80.507 ft	0.003 ft	-0.023 ft	-0.774
	Ellip Dist.	14969.275 ft	0.018 ft	0.006 ft	0.280
7112 --> 7111 (PV1495)	Az.	179°56'50"	0.426 sec	-0.146 sec	-0.298
	ΔHt.	-50.105 ft	0.001 ft	-0.032 ft	-0.769
	Ellip Dist.	8430.238 ft	0.018 ft	0.007 ft	0.346
IAWA --> 7114 (PV1358)	Az.	349°06'32"	0.014 sec	-0.052 sec	-0.569
	ΔHt.	7.543 ft	0.011 ft	0.073 ft	0.767
	Ellip Dist.	64571.947 ft	0.004 ft	0.005 ft	0.145
7127 --> 7132 (PV1418)	Az.	18°30'32"	0.248 sec	-0.252 sec	-0.766
	ΔHt.	-2.613 ft	0.029 ft	-0.036 ft	-0.564
	Ellip Dist.	16844.806 ft	0.020 ft	0.012 ft	0.455
7097 --> 7105 (PV1409)	Az.	1°01'14"	0.763 sec	-0.146 sec	-0.180
	ΔHt.	-5.651 ft	0.001 ft	0.027 ft	0.765
	Ellip Dist.	5149.508 ft	0.020 ft	0.015 ft	0.749
7043 --> 7026 (PV1887)	Az.	233°06'21"	0.113 sec	-0.078 sec	-0.396
	ΔHt.	56.832 ft	0.004 ft	0.027 ft	0.761
	Ellip Dist.	26572.933 ft	0.015 ft	0.015 ft	0.537
7027 --> 7028 (PV1808)	Az.	0°21'37"	0.209 sec	-0.015 sec	-0.051
	ΔHt.	-10.688 ft	0.003 ft	0.027 ft	0.760
	Ellip Dist.	15914.985 ft	0.017 ft	0.005 ft	0.191
7174 --> 7175 (PV1837)	Az.	89°40'25"	0.295 sec	0.085 sec	0.189
	ΔHt.	-5.499 ft	0.002 ft	-0.023 ft	-0.759
	Ellip Dist.	10544.024 ft	0.015 ft	-0.009 ft	-0.407

7174 --> 7061 (PV1898)	Az.	53°38'53"	0.064 sec	0.052 sec	0.336
	ΔHt.	-36.392 ft	0.007 ft	-0.047 ft	-0.701
	Ellip Dist.	44470.907 ft	0.014 ft	-0.027 ft	-0.755
7040 --> 7158 (PV1747)	Az.	212°51'33"	0.584 sec	-0.299 sec	-0.488
	ΔHt.	17.875 ft	0.001 ft	-0.021 ft	-0.749
	Ellip Dist.	6474.881 ft	0.018 ft	-0.004 ft	-0.183
7213 --> 7092 (PV1166)	Az.	300°02'18"	0.014 sec	0.276 sec	0.118
	ΔHt.	1.267 ft	0.001 ft	-0.037 ft	-0.708
	Ellip Dist.	3237.301 ft	0.000 ft	0.025 ft	0.745
7145 --> 7217 (PV1437)	Az.	335°26'16"	0.620 sec	0.262 sec	0.374
	ΔHt.	-34.490 ft	0.019 ft	-0.008 ft	-0.409
	Ellip Dist.	5825.224 ft	0.018 ft	-0.015 ft	-0.744
7008 --> 7002 (PV1876)	Az.	282°08'13"	0.220 sec	-0.051 sec	-0.150
	ΔHt.	-26.630 ft	0.002 ft	0.003 ft	0.056
	Ellip Dist.	14183.655 ft	0.014 ft	-0.017 ft	-0.742
7100 --> 7095 (PV1508)	Az.	295°44'54"	0.450 sec	0.118 sec	0.243
	ΔHt.	4.067 ft	0.001 ft	0.037 ft	0.739
	Ellip Dist.	8832.551 ft	0.018 ft	-0.003 ft	-0.151
7214 --> 7157 (PV1635)	Az.	122°01'26"	0.274 sec	-0.716 sec	-0.706
	ΔHt.	-2.479 ft	0.002 ft	0.138 ft	0.736
	Ellip Dist.	14338.791 ft	0.020 ft	0.010 ft	0.197
7403 --> 7023 (PV1792)	Az.	2°30'07"	0.274 sec	0.308 sec	0.575
	ΔHt.	28.281 ft	0.002 ft	0.021 ft	0.564
	Ellip Dist.	9724.808 ft	0.013 ft	0.019 ft	0.731
7048 --> 7052 (PV1896)	Az.	93°45'58"	0.289 sec	0.213 sec	0.465
	ΔHt.	-40.087 ft	0.002 ft	-0.016 ft	-0.512
	Ellip Dist.	10603.076 ft	0.014 ft	-0.017 ft	-0.727
7069 --> 7071 (PV1692)	Az.	159°58'54"	0.250 sec	0.204 sec	0.726
	ΔHt.	-14.703 ft	0.019 ft	-0.008 ft	-0.249
	Ellip Dist.	15469.597 ft	0.019 ft	0.009 ft	0.400
7174 --> 7048 (PV1891)	Az.	53°28'24"	0.014 sec	-0.003 sec	-0.013
	ΔHt.	32.269 ft	0.004 ft	0.021 ft	0.589

	Ellip Dist.	26488.422 ft	0.002 ft	-0.019 ft	-0.725
7112 --> 7115 (PV1475)	Az.	146°11'49"	0.408 sec	0.104 sec	0.243
	ΔHt.	-34.524 ft	0.002 ft	0.027 ft	0.725
	Ellip Dist.	9684.867 ft	0.019 ft	0.004 ft	0.210
7043 --> 7053 (PV1867)	Az.	88°12'33"	0.143 sec	-0.089 sec	-0.267
	ΔHt.	-47.973 ft	0.003 ft	-0.017 ft	-0.384
	Ellip Dist.	15737.273 ft	0.010 ft	-0.018 ft	-0.716
7309 --> 7038 (PV1627)	Az.	104°33'40"	0.982 sec	0.751 sec	0.714
	ΔHt.	-40.132 ft	0.043 ft	0.038 ft	0.368
	Ellip Dist.	5566.613 ft	0.028 ft	0.006 ft	0.189
7027 --> 7043 (PV1815)	Az.	126°55'46"	0.123 sec	0.138 sec	0.714
	ΔHt.	-56.463 ft	0.004 ft	-0.015 ft	-0.335
	Ellip Dist.	26580.536 ft	0.015 ft	0.002 ft	0.091
7182 --> 7171 (PV1658)	Az.	305°43'42"	0.363 sec	0.023 sec	0.054
	ΔHt.	30.820 ft	0.002 ft	-0.020 ft	-0.695
	Ellip Dist.	9802.872 ft	0.017 ft	-0.004 ft	-0.220
7130 --> 7131 (PV1555)	Az.	1°30'10"	1.080 sec	-0.196 sec	-0.263
	ΔHt.	48.650 ft	0.021 ft	0.015 ft	0.690
	Ellip Dist.	4246.523 ft	0.023 ft	-0.001 ft	-0.067
7135 --> 7130 (PV1577)	Az.	286°08'48"	0.905 sec	-0.070 sec	-0.116
	ΔHt.	33.567 ft	0.021 ft	0.014 ft	0.689
	Ellip Dist.	5123.105 ft	0.022 ft	0.004 ft	0.238
7058 --> 7056 (PV1725)	Az.	195°57'42"	0.364 sec	-0.091 sec	-0.216
	ΔHt.	-16.086 ft	0.002 ft	-0.021 ft	-0.688
	Ellip Dist.	10049.169 ft	0.018 ft	-0.002 ft	-0.114
7063 --> 7060 (PV1961)	Az.	211°03'37"	0.395 sec	-0.293 sec	-0.683
	ΔHt.	13.094 ft	0.002 ft	-0.018 ft	-0.605
	Ellip Dist.	9507.665 ft	0.019 ft	-0.003 ft	-0.138
7211 --> 7212 (PV1497)	Az.	358°13'28"	0.311 sec	-0.009 sec	-0.023
	ΔHt.	37.925 ft	0.002 ft	0.023 ft	0.454
	Ellip Dist.	13092.610 ft	0.021 ft	0.019 ft	0.672

7066 --> 7058 (PV1723)	Az.	241°52'27"	0.398 sec	-0.039 sec	-0.082
	ΔHt.	-38.259 ft	0.001 ft	0.020 ft	0.672
	Ellip Dist.	9105.285 ft	0.018 ft	0.001 ft	0.054
7145 --> 7146 (PV1434)	Az.	25°40'48"	0.604 sec	0.461 sec	0.665
	ΔHt.	-39.407 ft	0.019 ft	-0.001 ft	-0.039
	Ellip Dist.	5930.848 ft	0.018 ft	-0.002 ft	-0.098
7128 --> 7120 (PV1308)	Az.	270°09'16"	0.014 sec	-0.069 sec	-0.242
	ΔHt.	-55.457 ft	0.003 ft	-0.025 ft	-0.662
	Ellip Dist.	21218.485 ft	0.001 ft	-0.004 ft	-0.130
7126 --> 7121 (PV1586)	Az.	296°25'31"	0.319 sec	-0.071 sec	-0.205
	ΔHt.	-35.521 ft	0.002 ft	-0.020 ft	-0.662
	Ellip Dist.	11864.494 ft	0.018 ft	0.000 ft	0.024
7211 --> 7091 (PV1479)	Az.	215°28'19"	1.261 sec	-0.762 sec	-0.661
	ΔHt.	3.039 ft	0.001 ft	0.008 ft	0.236
	Ellip Dist.	3397.706 ft	0.021 ft	0.011 ft	0.560
7051 --> 7047 (PV1609)	Az.	270°06'03"	0.471 sec	0.165 sec	0.388
	ΔHt.	-37.447 ft	0.001 ft	0.005 ft	0.162
	Ellip Dist.	8870.552 ft	0.020 ft	0.012 ft	0.659
7170 --> 7209 (PV1618)	Az.	156°45'33"	0.287 sec	0.041 sec	0.124
	ΔHt.	11.057 ft	0.022 ft	-0.017 ft	-0.432
	Ellip Dist.	13814.528 ft	0.020 ft	0.016 ft	0.658
7113 --> 7120 (PV1425)	Az.	60°43'42"	0.145 sec	0.137 sec	0.549
	ΔHt.	18.521 ft	0.003 ft	0.026 ft	0.658
	Ellip Dist.	21249.579 ft	0.015 ft	-0.010 ft	-0.385
7139 --> 7140 (PV1550)	Az.	14°11'16"	0.367 sec	-0.248 sec	-0.657
	ΔHt.	74.933 ft	0.022 ft	0.012 ft	0.498
	Ellip Dist.	10733.886 ft	0.020 ft	0.002 ft	0.079
7119 --> 7115 (PV1516)	Az.	296°37'15"	0.355 sec	0.113 sec	0.301
	ΔHt.	1.270 ft	0.002 ft	-0.030 ft	-0.654
	Ellip Dist.	11823.226 ft	0.020 ft	0.002 ft	0.077
7123 --> 7127 (PV1439)	Az.	86°50'16"	0.399 sec	-0.237 sec	-0.648
	ΔHt.	32.794 ft	0.025 ft	-0.014 ft	-0.498

	Ellip Dist.	10729.212 ft	0.020 ft	-0.004 ft	-0.209
7171 --> 7161 (PV1638)	Az.	186°57'10"	0.356 sec	0.312 sec	0.646
	ΔHt.	-29.279 ft	0.015 ft	0.004 ft	0.132
	Ellip Dist.	9440.116 ft	0.017 ft	0.009 ft	0.354
7019 --> 7020 (PV1905)	Az.	0°12'43"	0.219 sec	-0.176 sec	-0.644
	ΔHt.	-0.065 ft	0.003 ft	0.009 ft	0.283
	Ellip Dist.	16116.718 ft	0.018 ft	-0.011 ft	-0.516
7011 --> 7094 (PV1646)	Az.	351°32'29"	0.169 sec	-0.039 sec	-0.181
	ΔHt.	-9.385 ft	0.004 ft	-0.025 ft	-0.636
	Ellip Dist.	21415.033 ft	0.018 ft	-0.012 ft	-0.464
7044 --> 7039 (PV1812)	Az.	335°25'35"	0.294 sec	-0.124 sec	-0.349
	ΔHt.	8.474 ft	0.002 ft	-0.007 ft	-0.188
	Ellip Dist.	12474.743 ft	0.018 ft	0.014 ft	0.636
7135 --> 7129 (PV1576)	Az.	204°57'58"	0.362 sec	0.155 sec	0.497
	ΔHt.	-16.134 ft	0.017 ft	0.004 ft	0.152
	Ellip Dist.	11570.970 ft	0.021 ft	0.011 ft	0.635
7111 --> 7115 (PV1494)	Az.	85°55'59"	0.736 sec	-0.007 sec	-0.010
	ΔHt.	15.581 ft	0.001 ft	0.020 ft	0.631
	Ellip Dist.	5393.883 ft	0.019 ft	0.000 ft	0.007
7108 --> 7100 (PV1671)	Az.	333°14'25"	0.231 sec	-0.006 sec	-0.017
	ΔHt.	17.388 ft	0.002 ft	-0.021 ft	-0.630
	Ellip Dist.	13127.778 ft	0.015 ft	0.010 ft	0.443
7113 --> 7112 (PV1423)	Az.	162°04'41"	0.478 sec	-0.172 sec	-0.327
	ΔHt.	-2.028 ft	0.001 ft	-0.021 ft	-0.630
	Ellip Dist.	8138.960 ft	0.019 ft	0.007 ft	0.339
7045 --> 7049 (PV1781)	Az.	153°23'55"	0.327 sec	-0.009 sec	-0.026
	ΔHt.	-13.539 ft	0.022 ft	-0.016 ft	-0.626
	Ellip Dist.	11690.374 ft	0.019 ft	-0.005 ft	-0.261
7062 --> 7052 (PV1939)	Az.	266°17'53"	0.374 sec	0.230 sec	0.480
	ΔHt.	0.499 ft	0.002 ft	-0.023 ft	-0.625
	Ellip Dist.	10446.288 ft	0.018 ft	-0.012 ft	-0.530

7053 --> 7061 (PV1897)	Az.	121°33'42"	0.257 sec	-0.262 sec	-0.617
	ΔHt.	-40.590 ft	0.002 ft	-0.010 ft	-0.320
	Ellip Dist.	10977.194 ft	0.013 ft	-0.001 ft	-0.031
7026 --> 7019 (PV1886)	Az.	325°31'54"	0.176 sec	-0.168 sec	-0.615
	ΔHt.	16.903 ft	0.003 ft	-0.025 ft	-0.578
	Ellip Dist.	19234.606 ft	0.017 ft	-0.011 ft	-0.399
7025 --> 7022 (PV1750)	Az.	334°03'30"	0.580 sec	0.417 sec	0.613
	ΔHt.	-21.452 ft	0.020 ft	-0.004 ft	-0.168
	Ellip Dist.	6174.423 ft	0.018 ft	0.000 ft	-0.019
7163 --> 7220 (PV1544)	Az.	254°56'08"	0.300 sec	-0.231 sec	-0.612
	ΔHt.	14.380 ft	0.027 ft	-0.016 ft	-0.271
	Ellip Dist.	15371.352 ft	0.022 ft	0.012 ft	0.438
7021 --> 7017 (PV1794)	Az.	221°45'11"	0.494 sec	-0.117 sec	-0.251
	ΔHt.	-35.281 ft	0.001 ft	0.017 ft	0.611
	Ellip Dist.	8059.515 ft	0.019 ft	-0.008 ft	-0.432
7065 --> 7071 (PV1704)	Az.	89°20'14"	0.241 sec	0.061 sec	0.212
	ΔHt.	65.428 ft	0.019 ft	-0.004 ft	-0.126
	Ellip Dist.	15707.362 ft	0.018 ft	0.013 ft	0.607
7087 --> 7085 (PV1180)	Az.	270°43'15"	0.014 sec	-0.149 sec	-0.089
	ΔHt.	76.517 ft	0.001 ft	0.000 ft	-0.008
	Ellip Dist.	3222.903 ft	0.000 ft	-0.016 ft	-0.601
7023 --> 7109 (PV1684)	Az.	356°46'52"	0.349 sec	0.117 sec	0.245
	ΔHt.	37.494 ft	0.020 ft	-0.023 ft	-0.596
	Ellip Dist.	10319.060 ft	0.019 ft	0.012 ft	0.424
7110 --> 7220 (PV1484)	Az.	205°37'29"	0.581 sec	-0.337 sec	-0.577
	ΔHt.	10.287 ft	0.027 ft	0.000 ft	-0.004
	Ellip Dist.	7847.468 ft	0.024 ft	0.015 ft	0.596
7069 --> 7059 (PV1574)	Az.	271°56'41"	0.183 sec	0.151 sec	0.594
	ΔHt.	-26.707 ft	0.003 ft	0.007 ft	0.170
	Ellip Dist.	20803.247 ft	0.017 ft	-0.007 ft	-0.289
7148 --> 7151 (PV1461)	Az.	23°48'40"	0.121 sec	-0.052 sec	-0.197
	ΔHt.	3.881 ft	0.014 ft	-0.008 ft	-0.260

	Ellip Dist.	19748.959 ft	0.012 ft	0.016 ft	0.593
7120 --> 7116 (PV1124)	Az.	271°08'46"	0.014 sec	0.346 sec	0.593
	ΔHt.	-3.836 ft	0.002 ft	0.019 ft	0.414
	Ellip Dist.	10602.160 ft	0.001 ft	0.003 ft	0.087
7063 --> 7062 (PV1960)	Az.	187°31'04"	0.352 sec	-0.228 sec	-0.585
	ΔHt.	30.177 ft	0.002 ft	-0.030 ft	-0.571
	Ellip Dist.	10669.964 ft	0.019 ft	0.001 ft	0.045
7057 --> 7059 (PV1689)	Az.	33°56'58"	0.487 sec	-0.099 sec	-0.157
	ΔHt.	63.991 ft	0.001 ft	-0.031 ft	-0.582
	Ellip Dist.	8465.265 ft	0.020 ft	0.002 ft	0.079
7214 --> 7182 (PV1659)	Az.	266°09'32"	0.457 sec	0.189 sec	0.327
	ΔHt.	15.612 ft	0.001 ft	-0.031 ft	-0.471
	Ellip Dist.	7931.961 ft	0.017 ft	0.013 ft	0.572
7084 --> 7083 (PV1529)	Az.	180°22'20"	0.014 sec	-0.053 sec	-0.145
	ΔHt.	-42.843 ft	0.003 ft	0.022 ft	0.560
	Ellip Dist.	15828.512 ft	0.001 ft	-0.012 ft	-0.385
7028 --> 7036 (PV1786)	Az.	89°47'07"	0.394 sec	-0.109 sec	-0.225
	ΔHt.	-14.100 ft	0.002 ft	-0.046 ft	-0.557
	Ellip Dist.	9573.546 ft	0.018 ft	-0.001 ft	-0.023
7152 --> 7153 (PV1567)	Az.	350°34'29"	0.014 sec	-0.196 sec	-0.550
	ΔHt.	-54.973 ft	0.003 ft	-0.008 ft	-0.256
	Ellip Dist.	15930.604 ft	0.001 ft	0.004 ft	0.128
7086 --> 7085 (PV1408)	Az.	342°28'15"	0.317 sec	0.013 sec	0.032
	ΔHt.	84.290 ft	0.002 ft	0.018 ft	0.546
	Ellip Dist.	10729.313 ft	0.017 ft	-0.001 ft	-0.026
7126 --> 7123 (PV1588)	Az.	331°12'17"	0.313 sec	-0.214 sec	-0.539
	ΔHt.	0.855 ft	0.002 ft	0.002 ft	0.058
	Ellip Dist.	11185.574 ft	0.017 ft	0.008 ft	0.372
7038 --> 7037 (PV1748)	Az.	179°32'45"	0.691 sec	-0.116 sec	-0.179
	ΔHt.	20.118 ft	0.018 ft	-0.012 ft	-0.537
	Ellip Dist.	5757.984 ft	0.020 ft	0.002 ft	0.118

7119 --> 7118 (PV1519)	Az.	359°42'29"	0.282 sec	-0.103 sec	-0.322
	ΔHt.	66.548 ft	0.002 ft	0.018 ft	0.534
	Ellip Dist.	13276.693 ft	0.019 ft	0.009 ft	0.446
7066 --> 7059 (PV1554)	Az.	272°22'05"	0.345 sec	0.259 sec	0.529
	ΔHt.	-27.084 ft	0.002 ft	-0.020 ft	-0.529
	Ellip Dist.	10877.441 ft	0.017 ft	0.000 ft	0.000
7182 --> 7161 (PV1661)	Az.	248°10'28"	0.384 sec	0.234 sec	0.510
	ΔHt.	1.542 ft	0.015 ft	-0.013 ft	-0.474
	Ellip Dist.	9806.865 ft	0.018 ft	0.011 ft	0.527
7062 --> 7060 (PV1911)	Az.	304°44'16"	0.885 sec	0.141 sec	0.152
	ΔHt.	-17.083 ft	0.001 ft	-0.014 ft	-0.526
	Ellip Dist.	4270.706 ft	0.018 ft	0.004 ft	0.216
7026 --> 7018 (PV1888)	Az.	274°22'58"	0.326 sec	-0.098 sec	-0.231
	ΔHt.	42.096 ft	0.002 ft	0.013 ft	0.423
	Ellip Dist.	10891.282 ft	0.016 ft	0.011 ft	0.523
7032 --> 7028 (PV1757)	Az.	314°50'32"	0.555 sec	0.205 sec	0.342
	ΔHt.	6.998 ft	0.001 ft	0.019 ft	0.520
	Ellip Dist.	7471.057 ft	0.020 ft	-0.005 ft	-0.254
7065 --> 7165 (PV1711)	Az.	227°54'51"	0.491 sec	0.054 sec	0.100
	ΔHt.	37.763 ft	0.001 ft	-0.016 ft	-0.517
	Ellip Dist.	7654.382 ft	0.018 ft	0.004 ft	0.201
7031 --> 7044 (PV1869)	Az.	46°03'59"	0.167 sec	-0.103 sec	-0.516
	ΔHt.	-55.451 ft	0.004 ft	-0.006 ft	-0.175
	Ellip Dist.	22068.393 ft	0.018 ft	-0.005 ft	-0.247
7305 --> 7077 (PV1954)	Az.	178°54'45"	0.540 sec	0.355 sec	0.515
	ΔHt.	-18.595 ft	0.001 ft	0.002 ft	0.061
	Ellip Dist.	6226.686 ft	0.017 ft	0.007 ft	0.330
7070 --> 7166 (PV1929)	Az.	269°14'21"	0.364 sec	0.219 sec	0.513
	ΔHt.	-61.717 ft	0.002 ft	-0.015 ft	-0.271
	Ellip Dist.	10575.675 ft	0.018 ft	-0.001 ft	-0.068
7170 --> 7182 (PV1663)	Az.	178°21'17"	0.291 sec	-0.035 sec	-0.090
	ΔHt.	5.875 ft	0.002 ft	-0.024 ft	-0.513

	Ellip Dist.	11377.284 ft	0.016 ft	0.008 ft	0.359
7145 --> 7133 (PV1469)	Az.	270°35'49"	0.144 sec	0.025 sec	0.118
	ΔHt.	-75.133 ft	0.003 ft	-0.015 ft	-0.508
	Ellip Dist.	21169.955 ft	0.014 ft	-0.011 ft	-0.513
7070 --> 7073 (PV1935)	Az.	162°50'53"	0.211 sec	0.030 sec	0.118
	ΔHt.	-35.367 ft	0.003 ft	-0.021 ft	-0.508
	Ellip Dist.	17932.599 ft	0.019 ft	0.006 ft	0.261
7129 --> 7059 (PV1557)	Az.	115°15'45"	0.354 sec	0.193 sec	0.391
	ΔHt.	69.204 ft	0.017 ft	0.003 ft	0.058
	Ellip Dist.	11658.451 ft	0.019 ft	0.012 ft	0.507
7145 --> 7140 (PV1433)	Az.	270°35'39"	0.317 sec	0.042 sec	0.100
	ΔHt.	-18.334 ft	0.019 ft	-0.012 ft	-0.504
	Ellip Dist.	10576.658 ft	0.016 ft	-0.010 ft	-0.450
7114 --> 7116 (PV1191)	Az.	88°15'59"	0.014 sec	0.279 sec	0.494
	ΔHt.	48.067 ft	0.002 ft	-0.012 ft	-0.315
	Ellip Dist.	10748.628 ft	0.001 ft	0.001 ft	0.019
7051 --> 7059 (PV1613)	Az.	88°13'02"	0.408 sec	0.152 sec	0.316
	ΔHt.	53.443 ft	0.002 ft	0.000 ft	0.005
	Ellip Dist.	10497.939 ft	0.020 ft	0.011 ft	0.487
7036 --> 7158 (PV1782)	Az.	90°06'04"	1.354 sec	-0.026 sec	-0.019
	ΔHt.	-12.597 ft	0.000 ft	0.013 ft	0.484
	Ellip Dist.	2816.643 ft	0.018 ft	-0.001 ft	-0.060
7043 --> 7042 (PV1861)	Az.	180°13'37"	0.175 sec	-0.157 sec	-0.481
	ΔHt.	80.481 ft	0.003 ft	0.007 ft	0.210
	Ellip Dist.	15882.300 ft	0.014 ft	-0.001 ft	-0.021
7113 --> 7104 (PV1424)	Az.	308°29'06"	0.388 sec	0.058 sec	0.132
	ΔHt.	-49.315 ft	0.002 ft	0.016 ft	0.481
	Ellip Dist.	10265.625 ft	0.019 ft	0.004 ft	0.187
7114 --> 7106 (PV1192)	Az.	270°35'30"	0.014 sec	-0.024 sec	-0.038
	ΔHt.	-16.953 ft	0.002 ft	-0.016 ft	-0.468
	Ellip Dist.	9278.552 ft	0.001 ft	0.006 ft	0.203

7073 --> 7067 (PV1936)	Az.	277°44'31"	0.423 sec	-0.224 sec	-0.464
	ΔHt.	-28.363 ft	0.002 ft	0.017 ft	0.362
	Ellip Dist.	10543.421 ft	0.020 ft	0.005 ft	0.233
7140 --> 7141 (PV1417)	Az.	0°18'28"	0.241 sec	0.012 sec	0.045
	ΔHt.	-10.197 ft	0.025 ft	0.003 ft	0.119
	Ellip Dist.	15887.617 ft	0.020 ft	0.009 ft	0.463
7148 --> 7146 (PV1466)	Az.	180°22'12"	0.453 sec	0.252 sec	0.462
	ΔHt.	-11.775 ft	0.020 ft	0.010 ft	0.354
	Ellip Dist.	7974.421 ft	0.018 ft	-0.010 ft	-0.462
7175 --> 7052 (PV1822)	Az.	54°51'59"	0.143 sec	-0.086 sec	-0.462
	ΔHt.	-2.320 ft	0.004 ft	0.001 ft	0.015
	Ellip Dist.	26081.069 ft	0.018 ft	-0.009 ft	-0.390
7213 --> 7089 (PV1164)	Az.	269°59'31"	0.014 sec	-0.120 sec	-0.086
	ΔHt.	19.697 ft	0.001 ft	-0.032 ft	-0.453
	Ellip Dist.	8096.087 ft	0.001 ft	-0.003 ft	-0.085
7171 --> 7183 (PV1636)	Az.	46°09'45"	2.874 sec	0.155 sec	0.071
	ΔHt.	-14.932 ft	0.000 ft	0.012 ft	0.448
	Ellip Dist.	1511.632 ft	0.021 ft	-0.002 ft	-0.117
7171 --> 7109 (PV1637)	Az.	234°31'26"	0.414 sec	-0.243 sec	-0.447
	ΔHt.	44.445 ft	0.020 ft	0.006 ft	0.115
	Ellip Dist.	9639.553 ft	0.020 ft	0.008 ft	0.287
7311 --> 7045 (PV1739)	Az.	90°47'26"	1.528 sec	-0.154 sec	-0.118
	ΔHt.	-74.897 ft	0.014 ft	-0.011 ft	-0.438
	Ellip Dist.	2708.256 ft	0.020 ft	-0.005 ft	-0.270
7121 --> 7123 (PV1548)	Az.	49°09'40"	0.565 sec	-0.253 sec	-0.437
	ΔHt.	36.375 ft	0.001 ft	0.003 ft	0.087
	Ellip Dist.	6919.393 ft	0.019 ft	-0.002 ft	-0.124
7020 --> 7016 (PV1774)	Az.	322°35'20"	0.561 sec	-0.115 sec	-0.188
	ΔHt.	-16.929 ft	0.001 ft	0.008 ft	0.280
	Ellip Dist.	6541.974 ft	0.018 ft	-0.008 ft	-0.435
7112 --> 7164 (PV1477)	Az.	283°24'25"	0.413 sec	0.173 sec	0.432
	ΔHt.	-43.607 ft	0.002 ft	-0.008 ft	-0.248

	Ellip Dist.	10210.630 ft	0.020 ft	-0.004 ft	-0.203
7048 --> 7042 (PV1890)	Az.	269°46'13"	0.231 sec	0.179 sec	0.383
	ΔHt.	100.382 ft	0.002 ft	0.015 ft	0.427
	Ellip Dist.	10614.153 ft	0.011 ft	0.002 ft	0.089
7165 --> 7159 (PV1710)	Az.	274°53'22"	0.658 sec	-0.035 sec	-0.054
	ΔHt.	-85.463 ft	0.001 ft	0.011 ft	0.424
	Ellip Dist.	5954.541 ft	0.018 ft	-0.002 ft	-0.108
7152 --> 7075 (PV1597)	Az.	199°42'33"	0.193 sec	-0.012 sec	-0.047
	ΔHt.	-18.389 ft	0.003 ft	0.016 ft	0.417
	Ellip Dist.	16900.141 ft	0.016 ft	-0.002 ft	-0.088
7044 --> 7043 (PV1870)	Az.	179°34'59"	0.210 sec	-0.101 sec	-0.318
	ΔHt.	1.925 ft	0.003 ft	-0.004 ft	-0.086
	Ellip Dist.	15200.683 ft	0.016 ft	0.010 ft	0.417
7026 --> 7034 (PV1885)	Az.	89°38'04"	0.335 sec	-0.057 sec	-0.118
	ΔHt.	-35.120 ft	0.002 ft	0.014 ft	0.414
	Ellip Dist.	10585.205 ft	0.016 ft	0.001 ft	0.041
7174 --> 7042 (PV1856)	Az.	34°10'54"	0.125 sec	-0.067 sec	-0.257
	ΔHt.	132.651 ft	0.003 ft	0.015 ft	0.413
	Ellip Dist.	18994.606 ft	0.012 ft	-0.007 ft	-0.284
7163 --> 7119 (PV1546)	Az.	71°49'44"	0.357 sec	-0.174 sec	-0.398
	ΔHt.	34.384 ft	0.002 ft	0.017 ft	0.407
	Ellip Dist.	10349.240 ft	0.018 ft	0.007 ft	0.318
7166 --> 7061 (PV1944)	Az.	247°10'46"	0.285 sec	-0.057 sec	-0.164
	ΔHt.	-13.544 ft	0.002 ft	-0.013 ft	-0.407
	Ellip Dist.	12663.695 ft	0.017 ft	0.003 ft	0.148
7102 --> 7211 (PV1524)	Az.	281°59'43"	0.362 sec	0.057 sec	0.137
	ΔHt.	-7.736 ft	0.002 ft	-0.017 ft	-0.402
	Ellip Dist.	12517.877 ft	0.020 ft	-0.002 ft	-0.097
7170 --> 7119 (PV1513)	Az.	10°06'31"	0.342 sec	-0.192 sec	-0.402
	ΔHt.	40.238 ft	0.002 ft	-0.003 ft	-0.054
	Ellip Dist.	10082.997 ft	0.017 ft	0.007 ft	0.285

IAWA --> 7052 (PV2004)	Az.	143°41'33"	0.039 sec	0.041 sec	0.398
	ΔHt.	-50.485 ft	0.013 ft	0.004 ft	0.056
	Ellip Dist.	77958.067 ft	0.015 ft	0.010 ft	0.257
7031 --> 7043 (PV1845)	Az.	89°36'06"	0.219 sec	0.099 sec	0.321
	ΔHt.	-53.526 ft	0.003 ft	0.017 ft	0.396
	Ellip Dist.	16013.985 ft	0.016 ft	-0.007 ft	-0.289
7056 --> 7159 (PV1713)	Az.	192°57'10"	0.622 sec	0.005 sec	0.007
	ΔHt.	-73.862 ft	0.001 ft	0.011 ft	0.395
	Ellip Dist.	5777.146 ft	0.018 ft	0.007 ft	0.364
7102 --> 7103 (PV1522)	Az.	359°45'16"	0.843 sec	0.003 sec	0.005
	ΔHt.	-1.535 ft	0.001 ft	-0.011 ft	-0.393
	Ellip Dist.	5272.747 ft	0.022 ft	0.000 ft	-0.022
7162 --> 7097 (PV1447)	Az.	335°08'53"	0.619 sec	0.032 sec	0.051
	ΔHt.	9.013 ft	0.001 ft	0.013 ft	0.392
	Ellip Dist.	6379.453 ft	0.020 ft	-0.005 ft	-0.241
7047 --> 7041 (PV1580)	Az.	270°05'56"	0.487 sec	-0.015 sec	-0.023
	ΔHt.	9.352 ft	0.001 ft	0.014 ft	0.391
	Ellip Dist.	6945.519 ft	0.016 ft	0.008 ft	0.375
7030 --> 7022 (PV1652)	Az.	244°04'13"	0.431 sec	0.050 sec	0.092
	ΔHt.	-29.167 ft	0.022 ft	0.003 ft	0.108
	Ellip Dist.	8851.017 ft	0.018 ft	0.008 ft	0.386
7087 --> 7089 (PV1183)	Az.	89°57'41"	0.014 sec	-0.034 sec	-0.014
	ΔHt.	-0.763 ft	0.000 ft	0.004 ft	0.117
	Ellip Dist.	2532.790 ft	0.000 ft	-0.010 ft	-0.381
7017 --> 7016 (PV1795)	Az.	164°37'37"	0.716 sec	-0.255 sec	-0.380
	ΔHt.	53.480 ft	0.001 ft	0.005 ft	0.163
	Ellip Dist.	5561.898 ft	0.020 ft	-0.007 ft	-0.378
7133 --> 7127 (PV1470)	Az.	270°08'03"	0.389 sec	0.001 sec	0.003
	ΔHt.	64.355 ft	0.025 ft	0.003 ft	0.117
	Ellip Dist.	10537.648 ft	0.019 ft	0.007 ft	0.379
7148 --> 7141 (PV1459)	Az.	281°33'20"	0.307 sec	0.103 sec	0.246
	ΔHt.	-0.899 ft	0.025 ft	0.005 ft	0.150

	Ellip Dist.	13374.870 ft	0.018 ft	-0.009 ft	-0.378
7182 --> 7209 (PV1662)	Az.	104°27'18"	0.751 sec	0.264 sec	0.364
	ΔHt.	5.182 ft	0.022 ft	0.000 ft	0.006
	Ellip Dist.	5292.061 ft	0.019 ft	0.001 ft	0.051
7106 --> 7105 (PV1123)	Az.	270°16'29"	0.014 sec	-0.016 sec	-0.019
	ΔHt.	-4.144 ft	0.001 ft	-0.011 ft	-0.359
	Ellip Dist.	6350.438 ft	0.000 ft	0.005 ft	0.202
7111 --> 7163 (PV1542)	Az.	143°02'54"	0.361 sec	-0.070 sec	-0.166
	ΔHt.	-20.072 ft	0.002 ft	-0.008 ft	-0.236
	Ellip Dist.	10183.342 ft	0.018 ft	0.007 ft	0.354
7132 --> 7141 (PV1427)	Az.	90°44'36"	0.262 sec	-0.032 sec	-0.095
	ΔHt.	-15.141 ft	0.026 ft	-0.011 ft	-0.351
	Ellip Dist.	15854.968 ft	0.018 ft	0.002 ft	0.086
7017 --> 7014 (PV1797)	Az.	276°04'38"	0.537 sec	-0.172 sec	-0.346
	ΔHt.	-18.547 ft	0.001 ft	0.015 ft	0.303
	Ellip Dist.	7846.031 ft	0.020 ft	-0.005 ft	-0.290
7056 --> 7045 (PV1740)	Az.	249°14'37"	0.209 sec	-0.014 sec	-0.056
	ΔHt.	-51.576 ft	0.014 ft	0.001 ft	0.026
	Ellip Dist.	17271.961 ft	0.017 ft	-0.007 ft	-0.346
7165 --> 7055 (PV1709)	Az.	179°35'36"	0.838 sec	0.229 sec	0.345
	ΔHt.	-78.130 ft	0.001 ft	0.007 ft	0.233
	Ellip Dist.	5072.602 ft	0.021 ft	-0.005 ft	-0.324
7058 --> 7059 (PV1724)	Az.	329°04'42"	0.616 sec	-0.278 sec	-0.343
	ΔHt.	11.175 ft	0.001 ft	-0.009 ft	-0.272
	Ellip Dist.	5526.181 ft	0.017 ft	-0.001 ft	-0.041
7089 --> 7092 (PV1122)	Az.	72°56'51"	0.014 sec	-0.036 sec	-0.035
	ΔHt.	-18.431 ft	0.001 ft	0.001 ft	0.048
	Ellip Dist.	5536.404 ft	0.000 ft	-0.009 ft	-0.338
7172 --> 7093 (PV1642)	Az.	306°54'01"	0.907 sec	-0.169 sec	-0.283
	ΔHt.	28.159 ft	0.001 ft	0.009 ft	0.334
	Ellip Dist.	5047.390 ft	0.022 ft	-0.001 ft	-0.075

7119 --> 7123 (PV1515)	Az.	93°21'15"	0.348 sec	-0.127 sec	-0.333
	ΔHt.	50.400 ft	0.002 ft	0.003 ft	0.115
	Ellip Dist.	10612.630 ft	0.018 ft	0.000 ft	0.006
7044 --> 7049 (PV1809)	Az.	85°24'10"	0.361 sec	-0.066 sec	-0.180
	ΔHt.	-68.822 ft	0.020 ft	-0.006 ft	-0.286
	Ellip Dist.	10636.779 ft	0.018 ft	-0.006 ft	-0.327
7146 --> 7217 (PV1416)	Az.	269°28'03"	0.791 sec	0.079 sec	0.103
	ΔHt.	4.918 ft	0.021 ft	0.006 ft	0.320
	Ellip Dist.	4991.745 ft	0.019 ft	-0.002 ft	-0.116
7045 --> 7215 (PV1741)	Az.	349°49'43"	0.349 sec	0.137 sec	0.317
	ΔHt.	-6.340 ft	0.014 ft	0.010 ft	0.201
	Ellip Dist.	10899.211 ft	0.019 ft	-0.004 ft	-0.170
7129 --> 7051 (PV1611)	Az.	179°27'12"	0.750 sec	0.099 sec	0.143
	ΔHt.	15.761 ft	0.017 ft	0.008 ft	0.316
	Ellip Dist.	5302.307 ft	0.020 ft	-0.002 ft	-0.089
7128 --> 7134 (PV1349)	Az.	89°58'06"	0.014 sec	-0.185 sec	-0.314
	ΔHt.	-5.603 ft	0.002 ft	0.007 ft	0.183
	Ellip Dist.	10514.279 ft	0.001 ft	0.007 ft	0.255
7159 --> 7050 (PV1697)	Az.	265°41'44"	0.669 sec	-0.209 sec	-0.311
	ΔHt.	0.985 ft	0.001 ft	-0.010 ft	-0.272
	Ellip Dist.	6274.100 ft	0.019 ft	-0.003 ft	-0.176
7087 --> 7213 (PV1179)	Az.	89°57'52"	0.014 sec	-0.172 sec	-0.269
	ΔHt.	-20.461 ft	0.002 ft	-0.005 ft	-0.103
	Ellip Dist.	10628.877 ft	0.001 ft	-0.009 ft	-0.307
7311 --> 7039 (PV1714)	Az.	270°01'59"	0.562 sec	-0.094 sec	-0.173
	ΔHt.	-11.140 ft	0.001 ft	0.003 ft	0.067
	Ellip Dist.	7845.188 ft	0.021 ft	-0.006 ft	-0.305
7007 --> 7043 (PV1830)	Az.	73°19'15"	0.041 sec	-0.035 sec	-0.303
	ΔHt.	-89.367 ft	0.018 ft	-0.010 ft	-0.116
	Ellip Dist.	55372.218 ft	0.011 ft	-0.007 ft	-0.254
7117 --> 7119 (PV1485)	Az.	54°22'20"	0.583 sec	-0.202 sec	-0.299
	ΔHt.	37.400 ft	0.001 ft	-0.007 ft	-0.167

	Ellip Dist.	6609.540 ft	0.018 ft	0.002 ft	0.105
7142 --> 7149 (PV1322)	Az.	89°32'08"	0.014 sec	-0.069 sec	-0.116
	ΔHt.	-8.297 ft	0.002 ft	-0.013 ft	-0.299
	Ellip Dist.	10437.429 ft	0.001 ft	0.001 ft	0.042
7024 --> 7020 (PV1776)	Az.	202°43'04"	0.312 sec	0.010 sec	0.027
	ΔHt.	27.232 ft	0.002 ft	0.009 ft	0.296
	Ellip Dist.	11407.097 ft	0.018 ft	0.003 ft	0.151
7310 --> 7014 (PV1751)	Az.	180°59'54"	0.794 sec	-0.061 sec	-0.077
	ΔHt.	-68.905 ft	0.001 ft	0.008 ft	0.291
	Ellip Dist.	4857.436 ft	0.019 ft	0.002 ft	0.113
7163 --> 7117 (PV1543)	Az.	97°57'32"	0.891 sec	-0.236 sec	-0.285
	ΔHt.	-3.016 ft	0.001 ft	0.001 ft	0.026
	Ellip Dist.	4504.911 ft	0.019 ft	0.004 ft	0.240
7152 --> 7143 (PV1569)	Az.	270°02'05"	0.182 sec	0.058 sec	0.181
	ΔHt.	6.985 ft	0.016 ft	-0.009 ft	-0.284
	Ellip Dist.	15908.206 ft	0.014 ft	0.006 ft	0.236
7170 --> 7117 (PV1512)	Az.	329°20'08"	0.564 sec	-0.164 sec	-0.283
	ΔHt.	2.838 ft	0.001 ft	-0.011 ft	-0.258
	Ellip Dist.	7065.063 ft	0.020 ft	0.005 ft	0.242
7213 --> 7105 (PV1165)	Az.	89°15'52"	0.014 sec	0.098 sec	0.042
	ΔHt.	-1.474 ft	0.000 ft	0.011 ft	0.277
	Ellip Dist.	2655.945 ft	0.000 ft	0.007 ft	0.241
7165 --> 7054 (PV1708)	Az.	216°10'11"	0.280 sec	-0.069 sec	-0.184
	ΔHt.	-87.324 ft	0.002 ft	-0.004 ft	-0.115
	Ellip Dist.	13320.095 ft	0.018 ft	0.007 ft	0.277
7045 --> 7050 (PV1742)	Az.	89°49'26"	0.481 sec	-0.066 sec	-0.139
	ΔHt.	-21.302 ft	0.014 ft	-0.006 ft	-0.194
	Ellip Dist.	8599.594 ft	0.019 ft	-0.005 ft	-0.277
7142 --> 7134 (PV1347)	Az.	270°29'38"	0.014 sec	-0.155 sec	-0.259
	ΔHt.	-3.610 ft	0.002 ft	-0.006 ft	-0.203
	Ellip Dist.	9435.520 ft	0.001 ft	0.007 ft	0.272

7170 --> 7183 (PV1629)	Az.	234°52'16"	0.558 sec	0.048 sec	0.100
	ΔHt.	21.763 ft	0.001 ft	-0.009 ft	-0.270
	Ellip Dist.	7997.306 ft	0.021 ft	-0.002 ft	-0.112
7149 --> 7151 (PV1300)	Az.	91°29'18"	0.014 sec	-0.062 sec	-0.121
	ΔHt.	-31.291 ft	0.002 ft	-0.011 ft	-0.266
	Ellip Dist.	11836.996 ft	0.001 ft	0.000 ft	-0.008
7075 --> 7072 (PV1598)	Az.	271°04'17"	0.951 sec	0.186 sec	0.263
	ΔHt.	-5.985 ft	0.001 ft	0.007 ft	0.243
	Ellip Dist.	4624.556 ft	0.021 ft	0.001 ft	0.066
7208 --> 7142 (PV1402)	Az.	292°51'09"	0.014 sec	-0.046 sec	-0.257
	ΔHt.	4.514 ft	0.005 ft	-0.007 ft	-0.155
	Ellip Dist.	31348.416 ft	0.002 ft	0.003 ft	0.116
IAWA --> 7060 (PV2013)	Az.	138°21'54"	0.049 sec	-0.010 sec	-0.115
	ΔHt.	-68.067 ft	0.014 ft	0.031 ft	0.240
	Ellip Dist.	79874.783 ft	0.019 ft	-0.005 ft	-0.159
7021 --> 7024 (PV1768)	Az.	143°27'07"	0.500 sec	0.136 sec	0.235
	ΔHt.	7.897 ft	0.001 ft	-0.003 ft	-0.090
	Ellip Dist.	7529.760 ft	0.018 ft	0.000 ft	0.012
7159 --> 7054 (PV1696)	Az.	189°42'10"	0.322 sec	0.039 sec	0.101
	ΔHt.	-1.861 ft	0.002 ft	-0.008 ft	-0.233
	Ellip Dist.	11424.408 ft	0.019 ft	0.005 ft	0.201
7164 --> 7103 (PV1486)	Az.	187°11'28"	0.843 sec	0.003 sec	0.005
	ΔHt.	-14.634 ft	0.001 ft	-0.006 ft	-0.221
	Ellip Dist.	5248.259 ft	0.022 ft	-0.001 ft	-0.040
7006 --> 7005 (PV1624)	Az.	273°41'32"	0.014 sec	0.079 sec	0.082
	ΔHt.	-0.126 ft	0.001 ft	0.006 ft	0.221
	Ellip Dist.	5642.313 ft	0.000 ft	0.005 ft	0.208
7133 --> 7140 (PV1471)	Az.	90°32'47"	0.342 sec	-0.041 sec	-0.103
	ΔHt.	56.798 ft	0.019 ft	0.008 ft	0.193
	Ellip Dist.	10593.297 ft	0.017 ft	0.002 ft	0.118
7056 --> 7050 (PV1712)	Az.	231°03'56"	0.407 sec	0.042 sec	0.088
	ΔHt.	-72.877 ft	0.002 ft	0.003 ft	0.096

	Ellip Dist.	9707.824 ft	0.019 ft	-0.004 ft	-0.178
7047 --> 7157 (PV1582)	Az.	13°41'21"	1.142 sec	-0.193 sec	-0.171
	ΔHt.	10.407 ft	0.001 ft	-0.002 ft	-0.081
	Ellip Dist.	3381.760 ft	0.019 ft	-0.001 ft	-0.056
7215 --> 7047 (PV1703)	Az.	351°43'19"	0.408 sec	0.021 sec	0.050
	ΔHt.	-5.713 ft	0.002 ft	0.006 ft	0.153
	Ellip Dist.	9591.084 ft	0.020 ft	-0.001 ft	-0.028
7044 --> 7045 (PV1813)	Az.	25°23'27"	0.274 sec	-0.052 sec	-0.149
	ΔHt.	-55.283 ft	0.014 ft	-0.003 ft	-0.108
	Ellip Dist.	12512.873 ft	0.017 ft	0.000 ft	0.011
7042 --> 7026 (PV1881)	Az.	269°48'32"	0.149 sec	-0.026 sec	-0.121
	ΔHt.	-23.649 ft	0.003 ft	-0.004 ft	-0.123
	Ellip Dist.	21188.780 ft	0.015 ft	0.002 ft	0.088
7311 --> 7046 (PV1717)	Az.	339°46'03"	0.821 sec	-0.006 sec	-0.011
	ΔHt.	-6.417 ft	0.001 ft	-0.004 ft	-0.110
	Ellip Dist.	5769.046 ft	0.023 ft	0.001 ft	0.059
7136 --> 7131 (PV1564)	Az.	274°05'52"	0.823 sec	-0.040 sec	-0.054
	ΔHt.	72.730 ft	0.001 ft	0.001 ft	0.027
	Ellip Dist.	4964.040 ft	0.019 ft	-0.002 ft	-0.084

Histogram of Standardized Residuals

Critical Tau Value: 4.5

Observations Failing the Tau Test: 3

Covariance Terms

From Point	To Point		Components	A-posteriori Error	Horiz. Precision (Ratio)	3D Precision (Ratio)
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7001	7002	Az.	359°50'46"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-35.736 ft	0.000 ft		
		ΔElev.	-35.742 ft	0.000 ft		
		Ellip Dist.	16210.713 ft	0.000 ft		
7001	7007	Az.	89°14'07"	0.000 sec	1 : 0	1 : 269650510
		ΔHt.	-22.839 ft	0.018 ft		
		ΔElev.	-23.087 ft	0.018 ft		
		Ellip Dist.	10562.653 ft	0.000 ft		
7002	7008	Az.	102°06'09"	0.219 sec	1 : 993058	1 : 992725
		ΔHt.	26.611 ft	0.000 ft		
		ΔElev.	26.262 ft	0.000 ft		
		Ellip Dist.	14183.653 ft	0.014 ft		
7003	7002	Az.	180°01'57"	0.000 sec	1 : 0	1 : 0
		ΔHt.	72.232 ft	0.000 ft		
		ΔElev.	72.224 ft	0.000 ft		
		Ellip Dist.	15684.321 ft	0.000 ft		
7003	7009	Az.	90°35'47"	0.245 sec	1 : 866294	1 : 866429
		ΔHt.	-14.912 ft	0.000 ft		
		ΔElev.	-15.200 ft	0.000 ft		
		Ellip Dist.	11938.205 ft	0.014 ft		
7004	7003	Az.	179°58'36"	0.208 sec	1 : 965296	1 : 965118
		ΔHt.	-44.702 ft	0.000 ft		
		ΔElev.	-44.704 ft	0.000 ft		
		Ellip Dist.	15675.001 ft	0.016 ft		
7004	7006	Az.	0°24'01"	0.213 sec	1 : 942127	1 : 941965
		ΔHt.	59.943 ft	0.000 ft		
		ΔElev.	59.956 ft	0.000 ft		
		Ellip Dist.	15300.692 ft	0.016 ft		
7004	7310	Az.	87°56'16"	0.182 sec	1 : 1163005	1 : 1163269
		ΔHt.	4.661 ft	0.000 ft		
		ΔElev.	4.235 ft	0.000 ft		
		Ellip Dist.	18380.756 ft	0.016 ft		
7005	7006	Az.	93°40'42"	0.000 sec	1 : 0	1 : 0
		ΔHt.	0.118 ft	0.000 ft		
		ΔElev.	0.030 ft	0.000 ft		
		Ellip Dist.	5642.312 ft	0.000 ft		
7005	7082	Az.	0°01'42"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-46.232 ft	0.000 ft		
		ΔElev.	-46.220 ft	0.000 ft		

		Ellip Dist.	15562.906 ft	0.000 ft		
7006	7010	Az.	89°29'10"	0.811 sec	1 : 257324	1 : 257343
		ΔHt.	-18.064 ft	0.020 ft		
		ΔElev.	-18.154 ft	0.020 ft		
		Ellip Dist.	5133.606 ft	0.020 ft		
7007	7008	Az.	14°01'05"	0.219 sec	1 : 895049	1 : 895393
		ΔHt.	13.713 ft	0.018 ft		
		ΔElev.	13.607 ft	0.018 ft		
		Ellip Dist.	13496.334 ft	0.015 ft		
7007	7012	Az.	90°46'15"	0.346 sec	1 : 620539	1 : 620455
		ΔHt.	-14.419 ft	0.018 ft		
		ΔElev.	-14.644 ft	0.018 ft		
		Ellip Dist.	10606.757 ft	0.017 ft		
7007	7174	Az.	110°21'27"	0.000 sec	1 : 0	1 : 799292138
		ΔHt.	-141.595 ft	0.018 ft		
		ΔElev.	-142.316 ft	0.018 ft		
		Ellip Dist.	45196.572 ft	0.000 ft		
7008	7019	Az.	81°30'16"	0.213 sec	1 : 1055100	1 : 1055369
		ΔHt.	-29.378 ft	0.000 ft		
		ΔElev.	-29.784 ft	0.000 ft		
		Ellip Dist.	17847.111 ft	0.017 ft		
7009	7008	Az.	174°06'34"	0.189 sec	1 : 1051993	1 : 1051857
		ΔHt.	113.755 ft	0.000 ft		
		ΔElev.	113.686 ft	0.000 ft		
		Ellip Dist.	18633.192 ft	0.018 ft		
7011	7010	Az.	270°37'03"	0.820 sec	1 : 254273	1 : 254287
		ΔHt.	17.868 ft	0.020 ft		
		ΔElev.	17.967 ft	0.020 ft		
		Ellip Dist.	5066.206 ft	0.020 ft		
7011	7310	Az.	151°10'15"	0.185 sec	1 : 1102113	1 : 1101599
		ΔHt.	-19.350 ft	0.000 ft		
		ΔElev.	-19.600 ft	0.000 ft		
		Ellip Dist.	16706.847 ft	0.015 ft		
7012	7008	Az.	331°01'45"	0.256 sec	1 : 783565	1 : 783324
		ΔHt.	28.132 ft	0.000 ft		
		ΔElev.	28.251 ft	0.000 ft		
		Ellip Dist.	15134.288 ft	0.019 ft		
7013	7009	Az.	228°36'23"	0.490 sec	1 : 425932	1 : 426185
		ΔHt.	-19.000 ft	0.000 ft		

		ΔElev.	-18.845 ft	0.000 ft		
		Ellip Dist.	8418.674 ft	0.020 ft		
7014	7013	Az.	180°21'33"	0.679 sec	1 : 291902	1 : 291942
		ΔHt.	23.629 ft	0.000 ft		
		ΔElev.	23.615 ft	0.000 ft		
		Ellip Dist.	6032.323 ft	0.021 ft		
7014	7017	Az.	96°03'28"	0.538 sec	1 : 395436	1 : 395362
		ΔHt.	18.536 ft	0.000 ft		
		ΔElev.	18.312 ft	0.000 ft		
		Ellip Dist.	7846.031 ft	0.020 ft		
7015	7011	Az.	269°30'29"	0.381 sec	1 : 565503	1 : 565561
		ΔHt.	14.004 ft	0.000 ft		
		ΔElev.	14.269 ft	0.000 ft		
		Ellip Dist.	11026.175 ft	0.019 ft		
7015	7023	Az.	90°28'44"	0.422 sec	1 : 516995	1 : 517063
		ΔHt.	-61.976 ft	0.000 ft		
		ΔElev.	-62.243 ft	0.000 ft		
		Ellip Dist.	9608.808 ft	0.019 ft		
7016	7013	Az.	270°59'45"	0.475 sec	1 : 469878	1 : 469786
		ΔHt.	-48.386 ft	0.000 ft		
		ΔElev.	-48.126 ft	0.000 ft		
		Ellip Dist.	9317.687 ft	0.020 ft		
7016	7017	Az.	344°37'50"	0.715 sec	1 : 281436	1 : 281421
		ΔHt.	-53.479 ft	0.000 ft		
		ΔElev.	-53.429 ft	0.000 ft		
		Ellip Dist.	5561.897 ft	0.020 ft		
7016	7020	Az.	142°34'45"	0.560 sec	1 : 367314	1 : 367212
		ΔHt.	16.924 ft	0.000 ft		
		ΔElev.	16.815 ft	0.000 ft		
		Ellip Dist.	6541.973 ft	0.018 ft		
7018	7012	Az.	265°21'30"	0.384 sec	1 : 568495	1 : 568478
		ΔHt.	-23.950 ft	0.000 ft		
		ΔElev.	-23.731 ft	0.000 ft		
		Ellip Dist.	10396.285 ft	0.018 ft		
7018	7019	Az.	359°52'21"	0.223 sec	1 : 837373	1 : 837502
		ΔHt.	-25.196 ft	0.000 ft		
		ΔElev.	-25.264 ft	0.000 ft		
		Ellip Dist.	15025.501 ft	0.018 ft		
7018	7026	Az.	94°21'21"	0.326 sec	1 : 682180	1 : 682055

		ΔHt.	-42.111 ft	0.000 ft		
		ΔElev.	-42.311 ft	0.000 ft		
		Ellip Dist.	10891.280 ft	0.016 ft		
7018	7174	Az.	127°33'40"	0.111 sec	1 : 1880841	1 : 1878675
		ΔHt.	-151.126 ft	0.000 ft		
		ΔElev.	-151.403 ft	0.000 ft		
		Ellip Dist.	26985.346 ft	0.014 ft		
7020	7009	Az.	269°24'23"	0.181 sec	1 : 1172772	1 : 1172887
		ΔHt.	-84.310 ft	0.000 ft		
		ΔElev.	-83.786 ft	0.000 ft		
		Ellip Dist.	19610.523 ft	0.017 ft		
7020	7019	Az.	180°12'44"	0.218 sec	1 : 892958	1 : 892988
		ΔHt.	0.068 ft	0.000 ft		
		ΔElev.	0.116 ft	0.000 ft		
		Ellip Dist.	16116.717 ft	0.018 ft		
7020	7027	Az.	90°08'24"	0.336 sec	1 : 630690	1 : 630755
		ΔHt.	-17.221 ft	0.000 ft		
		ΔElev.	-17.471 ft	0.000 ft		
		Ellip Dist.	10807.645 ft	0.017 ft		
7021	7017	Az.	221°45'11"	0.493 sec	1 : 418074	1 : 418188
		ΔHt.	-35.272 ft	0.000 ft		
		ΔElev.	-35.125 ft	0.000 ft		
		Ellip Dist.	8059.515 ft	0.019 ft		
7021	7403	Az.	348°46'44"	0.610 sec	1 : 330493	1 : 330507
		ΔHt.	-69.814 ft	0.000 ft		
		ΔElev.	-69.767 ft	0.000 ft		
		Ellip Dist.	4699.785 ft	0.014 ft		
7022	7023	Az.	319°05'46"	0.623 sec	1 : 330377	1 : 330277
		ΔHt.	6.450 ft	0.014 ft		
		ΔElev.	6.581 ft	0.014 ft		
		Ellip Dist.	5346.878 ft	0.016 ft		
7022	7025	Az.	154°03'06"	0.579 sec	1 : 350586	1 : 350462
		ΔHt.	21.449 ft	0.020 ft		
		ΔElev.	21.337 ft	0.020 ft		
		Ellip Dist.	6174.422 ft	0.018 ft		
7022	7030	Az.	64°03'02"	0.431 sec	1 : 492877	1 : 492998
		ΔHt.	29.155 ft	0.022 ft		
		ΔElev.	28.950 ft	0.022 ft		
		Ellip Dist.	8851.016 ft	0.018 ft		

7023	7403	Az.	182°30'11"	0.273 sec	1 : 730577	1 : 730559
		ΔHt.	-28.279 ft	0.000 ft		
		ΔElev.	-28.327 ft	0.000 ft		
		Ellip Dist.	9724.807 ft	0.013 ft		
7024	7016	Az.	237°33'44"	0.383 sec	1 : 538451	1 : 538649
		ΔHt.	10.315 ft	0.000 ft		
		ΔElev.	10.547 ft	0.000 ft		
		Ellip Dist.	9927.742 ft	0.018 ft		
7024	7020	Az.	202°43'04"	0.311 sec	1 : 644762	1 : 644857
		ΔHt.	27.239 ft	0.000 ft		
		ΔElev.	27.362 ft	0.000 ft		
		Ellip Dist.	11407.096 ft	0.018 ft		
7024	7021	Az.	323°27'48"	0.499 sec	1 : 414354	1 : 414115
		ΔHt.	-7.891 ft	0.000 ft		
		ΔElev.	-7.757 ft	0.000 ft		
		Ellip Dist.	7529.759 ft	0.018 ft		
7024	7028	Az.	50°27'36"	0.463 sec	1 : 439978	1 : 440342
		ΔHt.	-0.672 ft	0.000 ft		
		ΔElev.	-0.842 ft	0.000 ft		
		Ellip Dist.	8425.960 ft	0.019 ft		
7025	7021	Az.	230°22'49"	0.496 sec	1 : 415022	1 : 415232
		ΔHt.	26.535 ft	0.019 ft		
		ΔElev.	26.684 ft	0.019 ft		
		Ellip Dist.	7420.033 ft	0.018 ft		
7026	7019	Az.	325°31'54"	0.176 sec	1 : 1126345	1 : 1125050
		ΔHt.	16.916 ft	0.000 ft		
		ΔElev.	17.047 ft	0.000 ft		
		Ellip Dist.	19234.604 ft	0.017 ft		
7027	7031	Az.	161°58'30"	0.211 sec	1 : 951982	1 : 951737
		ΔHt.	-2.943 ft	0.000 ft		
		ΔElev.	-2.955 ft	0.000 ft		
		Ellip Dist.	16915.660 ft	0.018 ft		
7027	7043	Az.	126°55'46"	0.123 sec	1 : 1717701	1 : 1716940
		ΔHt.	-56.491 ft	0.000 ft		
		ΔElev.	-56.785 ft	0.000 ft		
		Ellip Dist.	26580.533 ft	0.015 ft		
7028	7025	Az.	315°50'03"	0.487 sec	1 : 425824	1 : 425572
		ΔHt.	-33.754 ft	0.019 ft		
		ΔElev.	-33.599 ft	0.019 ft		

		Ellip Dist.	7554.933 ft	0.018 ft		
7028	7027	Az.	180°21'38"	0.208 sec	1 : 949644	1 : 949437
		ΔHt.	10.691 ft	0.000 ft		
		ΔElev.	10.733 ft	0.000 ft		
		Ellip Dist.	15914.983 ft	0.017 ft		
7028	7032	Az.	134°49'45"	0.555 sec	1 : 380918	1 : 380672
		ΔHt.	-7.005 ft	0.000 ft		
		ΔElev.	-7.120 ft	0.000 ft		
		Ellip Dist.	7471.056 ft	0.020 ft		
7028	7036	Az.	89°47'08"	0.394 sec	1 : 537275	1 : 537274
		ΔHt.	-14.113 ft	0.000 ft		
		ΔElev.	-14.332 ft	0.000 ft		
		Ellip Dist.	9573.545 ft	0.018 ft		
7031	7019	Az.	270°00'52"	0.243 sec	1 : 908330	1 : 908276
		ΔHt.	20.231 ft	0.000 ft		
		ΔElev.	20.542 ft	0.000 ft		
		Ellip Dist.	16109.073 ft	0.018 ft		
7032	7027	Az.	206°54'00"	0.321 sec	1 : 623958	1 : 624094
		ΔHt.	17.695 ft	0.000 ft		
		ΔElev.	17.853 ft	0.000 ft		
		Ellip Dist.	11938.102 ft	0.019 ft		
7034	7026	Az.	269°39'39"	0.335 sec	1 : 656635	1 : 657113
		ΔHt.	35.135 ft	0.000 ft		
		ΔElev.	35.319 ft	0.000 ft		
		Ellip Dist.	10585.204 ft	0.016 ft		
7034	7042	Az.	89°54'14"	0.319 sec	1 : 683810	1 : 684306
		ΔHt.	58.754 ft	0.000 ft		
		ΔElev.	58.564 ft	0.000 ft		
		Ellip Dist.	10603.621 ft	0.016 ft		
7034	7174	Az.	180°14'53"	0.185 sec	1 : 1037745	1 : 1036982
		ΔHt.	-73.879 ft	0.000 ft		
		ΔElev.	-73.773 ft	0.000 ft		
		Ellip Dist.	15695.831 ft	0.015 ft		
7035	7027	Az.	266°18'05"	0.368 sec	1 : 568473	1 : 568568
		ΔHt.	82.918 ft	0.000 ft		
		ΔElev.	83.128 ft	0.000 ft		
		Ellip Dist.	10618.488 ft	0.019 ft		
7035	7044	Az.	97°55'23"	0.375 sec	1 : 559707	1 : 559733
		ΔHt.	24.500 ft	0.000 ft		

		ΔElev.	24.321 ft	0.000 ft		
		Ellip Dist.	10627.917 ft	0.019 ft		
7037	7036	Az.	187°00'54"	0.430 sec	1 : 469096	1 : 469119
		ΔHt.	3.975 ft	0.000 ft		
		ΔElev.	3.993 ft	0.000 ft		
		Ellip Dist.	9112.081 ft	0.019 ft		
7038	7037	Az.	179°32'45"	0.689 sec	1 : 293943	1 : 293983
		ΔHt.	20.118 ft	0.018 ft		
		ΔElev.	20.090 ft	0.018 ft		
		Ellip Dist.	5757.984 ft	0.020 ft		
7039	7044	Az.	155°24'48"	0.293 sec	1 : 693982	1 : 693684
		ΔHt.	-8.479 ft	0.000 ft		
		ΔElev.	-8.499 ft	0.000 ft		
		Ellip Dist.	12474.741 ft	0.018 ft		
7039	7158	Az.	327°28'11"	0.578 sec	1 : 351840	1 : 351765
		ΔHt.	12.534 ft	0.000 ft		
		ΔElev.	12.586 ft	0.000 ft		
		Ellip Dist.	6380.381 ft	0.018 ft		
7039	7169	Az.	267°49'44"	0.905 sec	1 : 237981	1 : 238148
		ΔHt.	49.148 ft	0.000 ft		
		ΔElev.	49.249 ft	0.000 ft		
		Ellip Dist.	5246.746 ft	0.022 ft		
7039	7311	Az.	90°00'49"	0.563 sec	1 : 377110	1 : 377034
		ΔHt.	11.129 ft	0.000 ft		
		ΔElev.	11.000 ft	0.000 ft		
		Ellip Dist.	7845.187 ft	0.021 ft		
7040	7039	Az.	180°26'06"	0.350 sec	1 : 573518	1 : 573628
		ΔHt.	5.347 ft	0.000 ft		
		ΔElev.	5.366 ft	0.000 ft		
		Ellip Dist.	10818.616 ft	0.019 ft		
7040	7158	Az.	212°51'33"	0.583 sec	1 : 354056	1 : 354160
		ΔHt.	17.880 ft	0.000 ft		
		ΔElev.	17.952 ft	0.000 ft		
		Ellip Dist.	6474.880 ft	0.018 ft		
7040	7215	Az.	90°52'10"	0.474 sec	1 : 452003	1 : 451944
		ΔHt.	-64.764 ft	0.000 ft		
		ΔElev.	-64.911 ft	0.000 ft		
		Ellip Dist.	8542.418 ft	0.019 ft		
7041	7038	Az.	269°58'24"	0.750 sec	1 : 279748	1 : 279751

		ΔHt.	67.503 ft	0.018 ft		
		ΔElev.	67.617 ft	0.018 ft		
		Ellip Dist.	5470.651 ft	0.020 ft		
7041	7040	Az.	181°17'36"	0.424 sec	1 : 466575	1 : 466670
		ΔHt.	61.115 ft	0.000 ft		
		ΔElev.	61.091 ft	0.000 ft		
		Ellip Dist.	9373.229 ft	0.020 ft		
7041	7047	Az.	90°04'53"	0.487 sec	1 : 439195	1 : 439144
		ΔHt.	-9.361 ft	0.000 ft		
		ΔElev.	-9.498 ft	0.000 ft		
		Ellip Dist.	6945.519 ft	0.016 ft		
7041	7214	Az.	337°56'12"	0.360 sec	1 : 533321	1 : 533465
		ΔHt.	3.539 ft	0.000 ft		
		ΔElev.	3.720 ft	0.000 ft		
		Ellip Dist.	11741.718 ft	0.022 ft		
7042	7026	Az.	269°48'32"	0.150 sec	1 : 1444269	1 : 1444717
		ΔHt.	-23.619 ft	0.000 ft		
		ΔElev.	-23.245 ft	0.000 ft		
		Ellip Dist.	21188.777 ft	0.015 ft		
7042	7048	Az.	89°44'38"	0.230 sec	1 : 934388	1 : 934820
		ΔHt.	-100.397 ft	0.000 ft		
		ΔElev.	-100.590 ft	0.000 ft		
		Ellip Dist.	10614.152 ft	0.011 ft		
7043	7007	Az.	253°27'11"	0.039 sec	1 : 5398198	1 : 5404356
		ΔHt.	89.444 ft	0.018 ft		
		ΔElev.	90.549 ft	0.018 ft		
		Ellip Dist.	55372.212 ft	0.010 ft		
7043	7026	Az.	233°06'21"	0.113 sec	1 : 1788648	1 : 1790480
		ΔHt.	56.864 ft	0.000 ft		
		ΔElev.	57.325 ft	0.000 ft		
		Ellip Dist.	26572.930 ft	0.015 ft		
7043	7031	Az.	269°38'29"	0.219 sec	1 : 984761	1 : 984816
		ΔHt.	53.548 ft	0.000 ft		
		ΔElev.	53.830 ft	0.000 ft		
		Ellip Dist.	16013.983 ft	0.016 ft		
7043	7034	Az.	213°51'50"	0.162 sec	1 : 1171395	1 : 1172007
		ΔHt.	21.729 ft	0.000 ft		
		ΔElev.	22.006 ft	0.000 ft		
		Ellip Dist.	19142.275 ft	0.016 ft		

7043	7042	Az.	180°13'37"	0.174 sec	1 : 1121850	1 : 1121258
		ΔHt.	80.483 ft	0.000 ft		
		ΔElev.	80.570 ft	0.000 ft		
		Ellip Dist.	15882.298 ft	0.014 ft		
7043	7053	Az.	88°12'34"	0.141 sec	1 : 1562036	1 : 1563285
		ΔHt.	-47.995 ft	0.000 ft		
		ΔElev.	-48.290 ft	0.000 ft		
		Ellip Dist.	15737.272 ft	0.010 ft		
7044	7031	Az.	226°06'22"	0.167 sec	1 : 1237658	1 : 1238247
		ΔHt.	55.475 ft	0.000 ft		
		ΔElev.	55.852 ft	0.000 ft		
		Ellip Dist.	22068.391 ft	0.018 ft		
7044	7043	Az.	179°34'59"	0.209 sec	1 : 952563	1 : 952474
		ΔHt.	1.927 ft	0.000 ft		
		ΔElev.	2.022 ft	0.000 ft		
		Ellip Dist.	15200.681 ft	0.016 ft		
7045	7044	Az.	205°24'15"	0.273 sec	1 : 745452	1 : 745667
		ΔHt.	55.292 ft	0.014 ft		
		ΔElev.	55.442 ft	0.014 ft		
		Ellip Dist.	12512.871 ft	0.017 ft		
7045	7049	Az.	153°23'55"	0.326 sec	1 : 620192	1 : 620056
		ΔHt.	-13.545 ft	0.022 ft		
		ΔElev.	-13.575 ft	0.022 ft		
		Ellip Dist.	11690.373 ft	0.019 ft		
7046	7215	Az.	27°45'01"	0.809 sec	1 : 244113	1 : 244172
		ΔHt.	-74.825 ft	0.000 ft		
		ΔElev.	-74.874 ft	0.000 ft		
		Ellip Dist.	5963.367 ft	0.024 ft		
7046	7311	Az.	159°45'45"	0.820 sec	1 : 250752	1 : 250644
		ΔHt.	6.415 ft	0.000 ft		
		ΔElev.	6.403 ft	0.000 ft		
		Ellip Dist.	5769.046 ft	0.023 ft		
7047	7051	Az.	90°04'43"	0.471 sec	1 : 448130	1 : 448232
		ΔHt.	37.434 ft	0.000 ft		
		ΔElev.	37.288 ft	0.000 ft		
		Ellip Dist.	8870.551 ft	0.020 ft		
7047	7215	Az.	171°43'07"	0.407 sec	1 : 486088	1 : 486009
		ΔHt.	5.712 ft	0.000 ft		
		ΔElev.	5.678 ft	0.000 ft		

		Ellip Dist.	9591.083 ft	0.020 ft		
7049	7044	Az.	265°25'45"	0.362 sec	1 : 583148	1 : 583112
		ΔHt.	68.837 ft	0.020 ft		
		ΔElev.	69.016 ft	0.020 ft		
		Ellip Dist.	10636.777 ft	0.018 ft		
7050	7045	Az.	269°50'43"	0.481 sec	1 : 449376	1 : 449482
		ΔHt.	21.314 ft	0.014 ft		
		ΔElev.	21.443 ft	0.014 ft		
		Ellip Dist.	8599.593 ft	0.019 ft		
7052	7048	Az.	273°47'33"	0.290 sec	1 : 763387	1 : 763516
		ΔHt.	40.102 ft	0.000 ft		
		ΔElev.	40.302 ft	0.000 ft		
		Ellip Dist.	10603.075 ft	0.014 ft		
7052	7060	Az.	65°46'20"	0.499 sec	1 : 426535	1 : 427011
		ΔHt.	-17.592 ft	0.000 ft		
		ΔElev.	-17.745 ft	0.000 ft		
		Ellip Dist.	7581.305 ft	0.018 ft		
7052	7061	Az.	19°22'39"	0.276 sec	1 : 719414	1 : 719655
		ΔHt.	-28.581 ft	0.000 ft		
		ΔElev.	-28.729 ft	0.000 ft		
		Ellip Dist.	11952.332 ft	0.017 ft		
7052	7062	Az.	86°16'20"	0.374 sec	1 : 590858	1 : 591059
		ΔHt.	-0.513 ft	0.000 ft		
		ΔElev.	-0.715 ft	0.000 ft		
		Ellip Dist.	10446.287 ft	0.018 ft		
7052	7175	Az.	234°55'10"	0.143 sec	1 : 1433149	1 : 1434557
		ΔHt.	2.352 ft	0.000 ft		
		ΔElev.	2.862 ft	0.000 ft		
		Ellip Dist.	26081.066 ft	0.018 ft		
7053	7048	Az.	197°38'14"	0.000 sec	1 : 0	1 : 0
		ΔHt.	28.081 ft	0.000 ft		
		ΔElev.	28.270 ft	0.000 ft		
		Ellip Dist.	17128.100 ft	0.000 ft		
7053	7061	Az.	121°33'42"	0.257 sec	1 : 824375	1 : 823902
		ΔHt.	-40.602 ft	0.000 ft		
		ΔElev.	-40.761 ft	0.000 ft		
		Ellip Dist.	10977.193 ft	0.013 ft		
7054	7043	Az.	229°10'16"	0.136 sec	1 : 1512508	1 : 1514689
		ΔHt.	81.383 ft	0.000 ft		

		ΔElev.	81.794 ft	0.000 ft		
		Ellip Dist.	24062.560 ft	0.016 ft		
7054	7049	Az.	272°19'18"	0.535 sec	1 : 402885	1 : 402779
		ΔHt.	10.619 ft	0.020 ft		
		ΔElev.	10.756 ft	0.020 ft		
		Ellip Dist.	7708.937 ft	0.019 ft		
7054	7053	Az.	189°13'31"	0.181 sec	1 : 1031929	1 : 1032348
		ΔHt.	33.388 ft	0.000 ft		
		ΔElev.	33.504 ft	0.000 ft		
		Ellip Dist.	15452.710 ft	0.015 ft		
7054	7064	Az.	89°25'28"	0.231 sec	1 : 987476	1 : 987596
		ΔHt.	84.871 ft	0.000 ft		
		ΔElev.	84.614 ft	0.000 ft		
		Ellip Dist.	13386.414 ft	0.014 ft		
7054	7165	Az.	36°09'00"	0.279 sec	1 : 721421	1 : 722339
		ΔHt.	87.311 ft	0.000 ft		
		ΔElev.	87.139 ft	0.000 ft		
		Ellip Dist.	13320.093 ft	0.018 ft		
7055	7064	Az.	135°19'19"	0.554 sec	1 : 375654	1 : 375568
		ΔHt.	75.690 ft	0.000 ft		
		ΔElev.	75.600 ft	0.000 ft		
		Ellip Dist.	7805.980 ft	0.021 ft		
7055	7165	Az.	359°35'37"	0.836 sec	1 : 242632	1 : 242667
		ΔHt.	78.130 ft	0.000 ft		
		ΔElev.	78.125 ft	0.000 ft		
		Ellip Dist.	5072.601 ft	0.021 ft		
7056	7045	Az.	249°14'37"	0.209 sec	1 : 1009484	1 : 1009990
		ΔHt.	-51.552 ft	0.014 ft		
		ΔElev.	-51.286 ft	0.014 ft		
		Ellip Dist.	17271.959 ft	0.017 ft		
7056	7050	Az.	231°03'56"	0.406 sec	1 : 506747	1 : 507321
		ΔHt.	-72.866 ft	0.000 ft		
		ΔElev.	-72.729 ft	0.000 ft		
		Ellip Dist.	9707.823 ft	0.019 ft		
7056	7058	Az.	15°57'17"	0.363 sec	1 : 544919	1 : 544942
		ΔHt.	16.081 ft	0.000 ft		
		ΔElev.	16.049 ft	0.000 ft		
		Ellip Dist.	10049.168 ft	0.018 ft		
7056	7065	Az.	95°33'23"	0.347 sec	1 : 617984	1 : 618112

		ΔHt.	-26.176 ft	0.000 ft		
		ΔElev.	-26.324 ft	0.000 ft		
		Ellip Dist.	10365.054 ft	0.017 ft		
7056	7159	Az.	192°57'10"	0.620 sec	1 : 319929	1 : 320036
		ΔHt.	-73.859 ft	0.000 ft		
		ΔElev.	-73.832 ft	0.000 ft		
		Ellip Dist.	5777.146 ft	0.018 ft		
7057	7058	Az.	73°13'09"	0.517 sec	1 : 413349	1 : 413495
		ΔHt.	52.805 ft	0.000 ft		
		ΔElev.	52.698 ft	0.000 ft		
		Ellip Dist.	7905.462 ft	0.019 ft		
7057	7215	Az.	258°10'37"	0.327 sec	1 : 665880	1 : 666128
		ΔHt.	-21.167 ft	0.000 ft		
		ΔElev.	-20.973 ft	0.000 ft		
		Ellip Dist.	13547.960 ft	0.020 ft		
7059	7051	Az.	268°14'37"	0.408 sec	1 : 535259	1 : 535565
		ΔHt.	-53.428 ft	0.000 ft		
		ΔElev.	-53.279 ft	0.000 ft		
		Ellip Dist.	10497.938 ft	0.020 ft		
7059	7057	Az.	213°57'41"	0.486 sec	1 : 416524	1 : 416925
		ΔHt.	-63.983 ft	0.000 ft		
		ΔElev.	-63.916 ft	0.000 ft		
		Ellip Dist.	8465.264 ft	0.020 ft		
7059	7058	Az.	149°04'16"	0.615 sec	1 : 333605	1 : 333389
		ΔHt.	-11.178 ft	0.000 ft		
		ΔElev.	-11.218 ft	0.000 ft		
		Ellip Dist.	5526.180 ft	0.017 ft		
7059	7066	Az.	92°20'27"	0.345 sec	1 : 632320	1 : 632823
		ΔHt.	27.069 ft	0.000 ft		
		ΔElev.	26.919 ft	0.000 ft		
		Ellip Dist.	10877.440 ft	0.017 ft		
7059	7069	Az.	91°53'34"	0.183 sec	1 : 1193449	1 : 1194457
		ΔHt.	26.678 ft	0.000 ft		
		ΔElev.	26.396 ft	0.000 ft		
		Ellip Dist.	20803.244 ft	0.017 ft		
7059	7129	Az.	295°17'21"	0.354 sec	1 : 624400	1 : 624119
		ΔHt.	-69.190 ft	0.017 ft		
		ΔElev.	-69.026 ft	0.017 ft		
		Ellip Dist.	11658.449 ft	0.019 ft		

7059	7138	Az.	11°56'12"	0.194 sec	1 : 995550	1 : 995330
		ΔHt.	32.236 ft	0.000 ft		
		ΔElev.	32.231 ft	0.000 ft		
		Ellip Dist.	15813.874 ft	0.016 ft		
7060	7062	Az.	124°43'44"	0.885 sec	1 : 239015	1 : 238859
		ΔHt.	17.079 ft	0.000 ft		
		ΔElev.	17.030 ft	0.000 ft		
		Ellip Dist.	4270.706 ft	0.018 ft		
7060	7063	Az.	31°02'53"	0.394 sec	1 : 507161	1 : 507446
		ΔHt.	-13.102 ft	0.000 ft		
		ΔElev.	-13.243 ft	0.000 ft		
		Ellip Dist.	9507.664 ft	0.019 ft		
7061	7063	Az.	90°08'06"	0.483 sec	1 : 449373	1 : 449342
		ΔHt.	-2.113 ft	0.000 ft		
		ΔElev.	-2.259 ft	0.000 ft		
		Ellip Dist.	7849.105 ft	0.017 ft		
7061	7166	Az.	67°09'02"	0.284 sec	1 : 737691	1 : 737933
		ΔHt.	13.527 ft	0.000 ft		
		ΔElev.	13.283 ft	0.000 ft		
		Ellip Dist.	12663.693 ft	0.017 ft		
7063	7062	Az.	187°31'04"	0.351 sec	1 : 562457	1 : 562601
		ΔHt.	30.181 ft	0.000 ft		
		ΔElev.	30.273 ft	0.000 ft		
		Ellip Dist.	10669.963 ft	0.019 ft		
7063	7166	Az.	37°45'45"	0.617 sec	1 : 331929	1 : 332084
		ΔHt.	15.640 ft	0.000 ft		
		ΔElev.	15.542 ft	0.000 ft		
		Ellip Dist.	6242.005 ft	0.019 ft		
7064	7053	Az.	225°54'20"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-51.483 ft	0.000 ft		
		ΔElev.	-51.110 ft	0.000 ft		
		Ellip Dist.	22099.935 ft	0.000 ft		
7064	7061	Az.	197°09'17"	0.123 sec	1 : 1604517	1 : 1605051
		ΔHt.	-92.085 ft	0.000 ft		
		ΔElev.	-91.871 ft	0.000 ft		
		Ellip Dist.	22113.966 ft	0.014 ft		
7065	7058	Az.	324°43'03"	0.257 sec	1 : 805766	1 : 805403
		ΔHt.	42.257 ft	0.000 ft		
		ΔElev.	42.373 ft	0.000 ft		

		Ellip Dist.	13069.833 ft	0.016 ft		
7065	7064	Az.	180°34'38"	0.190 sec	1 : 1050189	1 : 1049904
		ΔHt.	35.332 ft	0.000 ft		
		ΔElev.	35.322 ft	0.000 ft		
		Ellip Dist.	15755.522 ft	0.015 ft		
7065	7165	Az.	227°54'51"	0.491 sec	1 : 417076	1 : 417330
		ΔHt.	37.772 ft	0.000 ft		
		ΔElev.	37.847 ft	0.000 ft		
		Ellip Dist.	7654.381 ft	0.018 ft		
7066	7058	Az.	241°52'27"	0.397 sec	1 : 519026	1 : 519403
		ΔHt.	-38.247 ft	0.000 ft		
		ΔElev.	-38.137 ft	0.000 ft		
		Ellip Dist.	9105.284 ft	0.018 ft		
7066	7065	Az.	181°50'30"	0.237 sec	1 : 835432	1 : 835136
		ΔHt.	-80.504 ft	0.000 ft		
		ΔElev.	-80.510 ft	0.000 ft		
		Ellip Dist.	14969.274 ft	0.018 ft		
7066	7069	Az.	91°25'44"	0.396 sec	1 : 544672	1 : 545039
		ΔHt.	-0.391 ft	0.000 ft		
		ΔElev.	-0.523 ft	0.000 ft		
		Ellip Dist.	9926.502 ft	0.018 ft		
7067	7062	Az.	270°20'54"	0.436 sec	1 : 517176	1 : 516913
		ΔHt.	16.559 ft	0.000 ft		
		ΔElev.	16.736 ft	0.000 ft		
		Ellip Dist.	10643.985 ft	0.021 ft		
7067	7073	Az.	97°42'57"	0.425 sec	1 : 520734	1 : 520193
		ΔHt.	28.348 ft	0.000 ft		
		ΔElev.	28.222 ft	0.000 ft		
		Ellip Dist.	10543.420 ft	0.020 ft		
7067	7076	Az.	82°16'59"	0.196 sec	1 : 1151802	1 : 1151576
		ΔHt.	-3.837 ft	0.000 ft		
		ΔElev.	-4.097 ft	0.000 ft		
		Ellip Dist.	21172.624 ft	0.018 ft		
7068	7064	Az.	270°09'10"	0.280 sec	1 : 763934	1 : 764228
		ΔHt.	-9.584 ft	0.000 ft		
		ΔElev.	-9.408 ft	0.000 ft		
		Ellip Dist.	10570.838 ft	0.014 ft		
7068	7070	Az.	162°13'22"	0.210 sec	1 : 947473	1 : 946922
		ΔHt.	-26.440 ft	0.000 ft		

		ΔElev.	-26.456 ft	0.000 ft		
		Ellip Dist.	16852.048 ft	0.018 ft		
7068	7074	Az.	93°46'34"	0.282 sec	1 : 759589	1 : 759827
		ΔHt.	-30.670 ft	0.000 ft		
		ΔElev.	-30.808 ft	0.000 ft		
		Ellip Dist.	10496.008 ft	0.014 ft		
7068	7166	Az.	198°32'21"	0.215 sec	1 : 933516	1 : 933633
		ΔHt.	-88.142 ft	0.000 ft		
		ΔElev.	-87.996 ft	0.000 ft		
		Ellip Dist.	17076.341 ft	0.018 ft		
7069	7071	Az.	159°58'54"	0.249 sec	1 : 816798	1 : 816407
		ΔHt.	-14.708 ft	0.019 ft		
		ΔElev.	-14.811 ft	0.019 ft		
		Ellip Dist.	15469.596 ft	0.019 ft		
7070	7073	Az.	162°50'53"	0.211 sec	1 : 949394	1 : 949299
		ΔHt.	-35.372 ft	0.000 ft		
		ΔElev.	-35.323 ft	0.000 ft		
		Ellip Dist.	17932.597 ft	0.019 ft		
7070	7166	Az.	269°14'21"	0.364 sec	1 : 591275	1 : 591371
		ΔHt.	-61.702 ft	0.000 ft		
		ΔElev.	-61.540 ft	0.000 ft		
		Ellip Dist.	10575.674 ft	0.018 ft		
7070	7305	Az.	68°00'52"	0.228 sec	1 : 921982	1 : 922430
		ΔHt.	35.915 ft	0.000 ft		
		ΔElev.	35.714 ft	0.000 ft		
		Ellip Dist.	17004.521 ft	0.018 ft		
7071	7065	Az.	269°22'36"	0.240 sec	1 : 876866	1 : 876951
		ΔHt.	-65.405 ft	0.019 ft		
		ΔElev.	-65.176 ft	0.019 ft		
		Ellip Dist.	15707.360 ft	0.018 ft		
7071	7068	Az.	198°23'28"	0.223 sec	1 : 866327	1 : 866193
		ΔHt.	-20.490 ft	0.019 ft		
		ΔElev.	-20.446 ft	0.019 ft		
		Ellip Dist.	16814.971 ft	0.019 ft		
7071	7079	Az.	71°37'47"	0.206 sec	1 : 1012637	1 : 1013183
		ΔHt.	9.587 ft	0.019 ft		
		ΔElev.	9.436 ft	0.019 ft		
		Ellip Dist.	16308.693 ft	0.016 ft		
7072	7069	Az.	268°41'20"	0.742 sec	1 : 282773	1 : 282804

		ΔHt.	-6.738 ft	0.000 ft		
		ΔElev.	-6.659 ft	0.000 ft		
		Ellip Dist.	5915.974 ft	0.021 ft		
7072	7075	Az.	91°03'36"	0.952 sec	1 : 220919	1 : 220939
		ΔHt.	5.978 ft	0.000 ft		
		ΔElev.	5.924 ft	0.000 ft		
		Ellip Dist.	4624.555 ft	0.021 ft		
7076	7073	Az.	248°02'17"	0.292 sec	1 : 726999	1 : 727163
		ΔHt.	32.186 ft	0.000 ft		
		ΔElev.	32.319 ft	0.000 ft		
		Ellip Dist.	11361.249 ft	0.016 ft		
7077	7070	Az.	269°31'58"	0.198 sec	1 : 1081818	1 : 1081740
		ΔHt.	-17.321 ft	0.000 ft		
		ΔElev.	-17.148 ft	0.000 ft		
		Ellip Dist.	15890.995 ft	0.015 ft		
7077	7076	Az.	180°20'21"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-84.879 ft	0.000 ft		
		ΔElev.	-84.790 ft	0.000 ft		
		Ellip Dist.	13019.533 ft	0.000 ft		
7077	7305	Az.	358°54'46"	0.538 sec	1 : 370497	1 : 370411
		ΔHt.	18.594 ft	0.000 ft		
		ΔElev.	18.566 ft	0.000 ft		
		Ellip Dist.	6226.686 ft	0.017 ft		
7078	7074	Az.	265°36'42"	0.000 sec	1 : 0	1 : 0
		ΔHt.	6.769 ft	0.000 ft		
		ΔElev.	6.870 ft	0.000 ft		
		Ellip Dist.	10004.620 ft	0.000 ft		
7078	7079	Az.	0°57'02"	0.000 sec	1 : 0	1 : 0
		ΔHt.	67.515 ft	0.000 ft		
		ΔElev.	67.560 ft	0.000 ft		
		Ellip Dist.	21020.155 ft	0.000 ft		
7078	7167	Az.	16°53'22"	0.370 sec	1 : 525343	1 : 525906
		ΔHt.	73.869 ft	0.000 ft		
		ΔElev.	73.853 ft	0.000 ft		
		Ellip Dist.	10986.116 ft	0.021 ft		
7078	7305	Az.	177°19'49"	0.343 sec	1 : 581701	1 : 581556
		ΔHt.	46.914 ft	0.000 ft		
		ΔElev.	46.936 ft	0.000 ft		
		Ellip Dist.	9772.002 ft	0.017 ft		

7079	7074	Az.	205°21'35"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-60.746 ft	0.000 ft		
		ΔElev.	-60.690 ft	0.000 ft		
		Ellip Dist.	24105.498 ft	0.000 ft		
7080	7075	Az.	269°57'49"	0.722 sec	1 : 290851	1 : 290839
		ΔHt.	3.511 ft	0.020 ft		
		ΔElev.	3.571 ft	0.020 ft		
		Ellip Dist.	5878.982 ft	0.020 ft		
7080	7081	Az.	89°46'34"	0.934 sec	1 : 224822	1 : 224816
		ΔHt.	17.646 ft	0.020 ft		
		ΔElev.	17.603 ft	0.020 ft		
		Ellip Dist.	4549.126 ft	0.020 ft		
7081	7079	Az.	181°13'38"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-31.973 ft	0.000 ft		
		ΔElev.	-31.990 ft	0.000 ft		
		Ellip Dist.	9475.139 ft	0.000 ft		
7081	7152	Az.	343°26'18"	0.000 sec	1 : 0	1 : 0
		ΔHt.	4.243 ft	0.000 ft		
		ΔElev.	4.300 ft	0.000 ft		
		Ellip Dist.	16577.191 ft	0.000 ft		
7083	7082	Az.	180°09'15"	0.000 sec	1 : 0	1 : 0
		ΔHt.	79.372 ft	0.000 ft		
		ΔElev.	79.360 ft	0.000 ft		
		Ellip Dist.	15498.348 ft	0.000 ft		
7083	7084	Az.	0°22'19"	0.000 sec	1 : 0	1 : 0
		ΔHt.	42.840 ft	0.000 ft		
		ΔElev.	42.807 ft	0.000 ft		
		Ellip Dist.	15828.511 ft	0.000 ft		
7083	7090	Az.	90°22'42"	0.000 sec	1 : 0	1 : 0
		ΔHt.	52.840 ft	0.000 ft		
		ΔElev.	52.680 ft	0.000 ft		
		Ellip Dist.	11261.758 ft	0.000 ft		
7085	7086	Az.	162°27'45"	0.316 sec	1 : 641167	1 : 641135
		ΔHt.	-84.293 ft	0.000 ft		
		ΔElev.	-84.318 ft	0.000 ft		
		Ellip Dist.	10729.312 ft	0.017 ft		
7085	7087	Az.	90°42'45"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-76.522 ft	0.000 ft		
		ΔElev.	-76.575 ft	0.000 ft		

		Ellip Dist.	3222.902 ft	0.000 ft		
7085	7088	Az.	150°58'30"	0.315 sec	1 : 643636	1 : 643467
		ΔHt.	-88.867 ft	0.000 ft		
		ΔElev.	-88.931 ft	0.000 ft		
		Ellip Dist.	11840.157 ft	0.018 ft		
7085	IAWA	Az.	144°59'50"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-84.951 ft	0.000 ft		
		ΔElev.	-85.952 ft	0.000 ft		
		Ellip Dist.	77507.283 ft	0.000 ft		
7086	7084	Az.	206°11'49"	0.557 sec	1 : 366049	1 : 366127
		ΔHt.	34.894 ft	0.000 ft		
		ΔElev.	34.945 ft	0.000 ft		
		Ellip Dist.	6108.332 ft	0.017 ft		
7086	7088	Az.	92°48'03"	1.622 sec	1 : 129877	1 : 129874
		ΔHt.	-4.575 ft	0.000 ft		
		ΔElev.	-4.613 ft	0.000 ft		
		Ellip Dist.	2514.663 ft	0.019 ft		
7089	7087	Az.	269°58'04"	0.000 sec	1 : 0	1 : 0
		ΔHt.	0.767 ft	0.000 ft		
		ΔElev.	0.809 ft	0.000 ft		
		Ellip Dist.	2532.790 ft	0.000 ft		
7089	7213	Az.	89°58'18"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-19.709 ft	0.000 ft		
		ΔElev.	-19.846 ft	0.000 ft		
		Ellip Dist.	8096.086 ft	0.000 ft		
7090	7094	Az.	172°26'40"	0.271 sec	1 : 735880	1 : 735640
		ΔHt.	27.565 ft	0.000 ft		
		ΔElev.	27.538 ft	0.000 ft		
		Ellip Dist.	10262.496 ft	0.014 ft		
7091	7084	Az.	311°23'23"	0.222 sec	1 : 928953	1 : 928498
		ΔHt.	58.021 ft	0.000 ft		
		ΔElev.	58.164 ft	0.000 ft		
		Ellip Dist.	16204.101 ft	0.017 ft		
7091	7090	Az.	190°57'59"	0.667 sec	1 : 297886	1 : 298008
		ΔHt.	68.020 ft	0.000 ft		
		ΔElev.	68.037 ft	0.000 ft		
		Ellip Dist.	5291.374 ft	0.018 ft		
7092	7089	Az.	252°57'39"	0.000 sec	1 : 0	1 : 0
		ΔHt.	18.438 ft	0.000 ft		

		ΔElev.	18.535 ft	0.000 ft		
		Ellip Dist.	5536.403 ft	0.000 ft		
7092	7213	Az.	120°01'52"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-1.270 ft	0.000 ft		
		ΔElev.	-1.311 ft	0.000 ft		
		Ellip Dist.	3237.300 ft	0.000 ft		
7092	IAWA	Az.	152°51'02"	0.000 sec	1 : 0	1 : 0
		ΔHt.	10.776 ft	0.000 ft		
		ΔElev.	9.967 ft	0.000 ft		
		Ellip Dist.	73151.000 ft	0.000 ft		
7093	7172	Az.	126°53'24"	0.907 sec	1 : 228227	1 : 228189
		ΔHt.	-28.165 ft	0.000 ft		
		ΔElev.	-28.244 ft	0.000 ft		
		Ellip Dist.	5047.389 ft	0.022 ft		
7094	7011	Az.	171°32'01"	0.169 sec	1 : 1165431	1 : 1165013
		ΔHt.	9.384 ft	0.000 ft		
		ΔElev.	9.271 ft	0.000 ft		
		Ellip Dist.	21415.030 ft	0.018 ft		
7094	7082	Az.	247°29'59"	0.208 sec	1 : 1005851	1 : 1006357
		ΔHt.	-1.033 ft	0.000 ft		
		ΔElev.	-0.858 ft	0.000 ft		
		Ellip Dist.	13703.679 ft	0.014 ft		
7094	7093	Az.	124°17'05"	1.160 sec	1 : 178697	1 : 178652
		ΔHt.	8.584 ft	0.000 ft		
		ΔElev.	8.528 ft	0.000 ft		
		Ellip Dist.	3966.167 ft	0.022 ft		
7095	7094	Az.	213°44'03"	0.664 sec	1 : 302419	1 : 302539
		ΔHt.	-3.930 ft	0.000 ft		
		ΔElev.	-3.883 ft	0.000 ft		
		Ellip Dist.	5877.769 ft	0.019 ft		
7095	7100	Az.	115°43'42"	0.451 sec	1 : 481342	1 : 481106
		ΔHt.	-4.077 ft	0.000 ft		
		ΔElev.	-4.221 ft	0.000 ft		
		Ellip Dist.	8832.550 ft	0.018 ft		
7097	7162	Az.	155°08'29"	0.618 sec	1 : 322166	1 : 322115
		ΔHt.	-9.016 ft	0.000 ft		
		ΔElev.	-9.027 ft	0.000 ft		
		Ellip Dist.	6379.453 ft	0.020 ft		
7097	7212	Az.	201°48'10"	0.688 sec	1 : 295130	1 : 295286

		ΔHt.	20.285 ft	0.000 ft		
		ΔElev.	20.346 ft	0.000 ft		
		Ellip Dist.	5835.327 ft	0.020 ft		
7098	7011	Az.	238°00'06"	0.453 sec	1 : 456769	1 : 457142
		ΔHt.	31.295 ft	0.023 ft		
		ΔElev.	31.456 ft	0.023 ft		
		Ellip Dist.	9697.899 ft	0.021 ft		
7098	7108	Az.	47°01'40"	0.551 sec	1 : 367519	1 : 367778
		ΔHt.	4.369 ft	0.023 ft		
		ΔElev.	4.264 ft	0.023 ft		
		Ellip Dist.	7883.646 ft	0.021 ft		
7100	7094	Az.	264°39'17"	0.297 sec	1 : 712707	1 : 712858
		ΔHt.	0.148 ft	0.000 ft		
		ΔElev.	0.338 ft	0.000 ft		
		Ellip Dist.	11270.459 ft	0.016 ft		
7100	7108	Az.	153°13'32"	0.230 sec	1 : 886527	1 : 886175
		ΔHt.	-17.395 ft	0.000 ft		
		ΔElev.	-17.583 ft	0.000 ft		
		Ellip Dist.	13127.777 ft	0.015 ft		
7100	7171	Az.	107°40'11"	0.179 sec	1 : 1182689	1 : 1182613
		ΔHt.	-73.412 ft	0.000 ft		
		ΔElev.	-73.917 ft	0.000 ft		
		Ellip Dist.	20796.595 ft	0.018 ft		
7101	7095	Az.	215°53'44"	0.442 sec	1 : 435381	1 : 435910
		ΔHt.	102.189 ft	0.000 ft		
		ΔElev.	102.267 ft	0.000 ft		
		Ellip Dist.	9758.063 ft	0.022 ft		
7101	7100	Az.	169°13'25"	0.322 sec	1 : 589296	1 : 588905
		ΔHt.	98.111 ft	0.000 ft		
		ΔElev.	98.046 ft	0.000 ft		
		Ellip Dist.	11951.914 ft	0.020 ft		
7101	7102	Az.	60°43'44"	0.776 sec	1 : 266862	1 : 267063
		ΔHt.	7.350 ft	0.000 ft		
		ΔElev.	7.269 ft	0.000 ft		
		Ellip Dist.	5611.478 ft	0.021 ft		
7102	7103	Az.	359°45'17"	0.841 sec	1 : 239625	1 : 239615
		ΔHt.	-1.536 ft	0.000 ft		
		ΔElev.	-1.545 ft	0.000 ft		
		Ellip Dist.	5272.746 ft	0.022 ft		

7102	7111	Az.	91°41'49"	0.397 sec	1 : 536466	1 : 536478
		ΔHt.	6.586 ft	0.000 ft		
		ΔElev.	6.380 ft	0.000 ft		
		Ellip Dist.	10584.028 ft	0.020 ft		
7104	7113	Az.	128°27'53"	0.388 sec	1 : 549292	1 : 548912
		ΔHt.	49.305 ft	0.000 ft		
		ΔElev.	49.196 ft	0.000 ft		
		Ellip Dist.	10265.624 ft	0.019 ft		
7104	7162	Az.	228°26'28"	0.410 sec	1 : 498509	1 : 499014
		ΔHt.	-8.513 ft	0.000 ft		
		ΔElev.	-8.349 ft	0.000 ft		
		Ellip Dist.	10446.443 ft	0.021 ft		
7105	7097	Az.	181°01'15"	0.760 sec	1 : 261802	1 : 261850
		ΔHt.	5.652 ft	0.000 ft		
		ΔElev.	5.676 ft	0.000 ft		
		Ellip Dist.	5149.507 ft	0.020 ft		
7105	7106	Az.	90°15'31"	0.000 sec	1 : 0	1 : 0
		ΔHt.	4.135 ft	0.000 ft		
		ΔElev.	4.028 ft	0.000 ft		
		Ellip Dist.	6350.437 ft	0.000 ft		
7105	7213	Az.	269°16'16"	0.000 sec	1 : 0	1 : 0
		ΔHt.	1.477 ft	0.000 ft		
		ΔElev.	1.522 ft	0.000 ft		
		Ellip Dist.	2655.944 ft	0.000 ft		
7106	7114	Az.	90°34'06"	0.000 sec	1 : 0	1 : 0
		ΔHt.	16.940 ft	0.000 ft		
		ΔElev.	16.786 ft	0.000 ft		
		Ellip Dist.	9278.551 ft	0.000 ft		
7109	7015	Az.	221°27'45"	0.311 sec	1 : 644155	1 : 644727
		ΔHt.	24.483 ft	0.020 ft		
		ΔElev.	24.647 ft	0.020 ft		
		Ellip Dist.	13635.944 ft	0.021 ft		
7109	7023	Az.	176°46'46"	0.348 sec	1 : 548377	1 : 548301
		ΔHt.	-37.493 ft	0.020 ft		
		ΔElev.	-37.596 ft	0.020 ft		
		Ellip Dist.	10319.059 ft	0.019 ft		
7109	7108	Az.	271°51'31"	0.595 sec	1 : 367942	1 : 367995
		ΔHt.	11.561 ft	0.020 ft		
		ΔElev.	11.724 ft	0.020 ft		

		Ellip Dist.	6059.542 ft	0.016 ft		
7109	7171	Az.	54°30'15"	0.413 sec	1 : 492388	1 : 492664
		ΔHt.	-44.457 ft	0.020 ft		
		ΔElev.	-44.610 ft	0.020 ft		
		Ellip Dist.	9639.552 ft	0.020 ft		
7110	7111	Az.	46°26'08"	0.556 sec	1 : 365949	1 : 366073
		ΔHt.	15.971 ft	0.000 ft		
		ΔElev.	15.866 ft	0.000 ft		
		Ellip Dist.	7347.157 ft	0.020 ft		
7110	7163	Az.	105°01'38"	0.340 sec	1 : 626993	1 : 627000
		ΔHt.	-4.108 ft	0.000 ft		
		ΔElev.	-4.383 ft	0.000 ft		
		Ellip Dist.	11852.583 ft	0.019 ft		
7110	7220	Az.	205°37'29"	0.580 sec	1 : 330835	1 : 330888
		ΔHt.	10.293 ft	0.027 ft		
		ΔElev.	10.336 ft	0.027 ft		
		Ellip Dist.	7847.467 ft	0.024 ft		
7111	7163	Az.	143°02'54"	0.361 sec	1 : 573134	1 : 572940
		ΔHt.	-20.080 ft	0.000 ft		
		ΔElev.	-20.249 ft	0.000 ft		
		Ellip Dist.	10183.341 ft	0.018 ft		
7112	7111	Az.	179°56'50"	0.425 sec	1 : 474015	1 : 474022
		ΔHt.	-50.104 ft	0.000 ft		
		ΔElev.	-50.088 ft	0.000 ft		
		Ellip Dist.	8430.237 ft	0.018 ft		
7112	7113	Az.	342°05'04"	0.477 sec	1 : 424960	1 : 424763
		ΔHt.	2.030 ft	0.000 ft		
		ΔElev.	2.051 ft	0.000 ft		
		Ellip Dist.	8138.959 ft	0.019 ft		
7112	7115	Az.	146°11'49"	0.407 sec	1 : 499176	1 : 498996
		ΔHt.	-34.530 ft	0.000 ft		
		ΔElev.	-34.637 ft	0.000 ft		
		Ellip Dist.	9684.866 ft	0.019 ft		
7112	7118	Az.	90°13'20"	0.260 sec	1 : 813814	1 : 813966
		ΔHt.	30.732 ft	0.000 ft		
		ΔElev.	30.355 ft	0.000 ft		
		Ellip Dist.	15884.834 ft	0.020 ft		
7112	7164	Az.	283°24'25"	0.413 sec	1 : 521736	1 : 521660
		ΔHt.	-43.593 ft	0.000 ft		

		ΔElev.	-43.410 ft	0.000 ft		
		Ellip Dist.	10210.629 ft	0.020 ft		
7113	7162	Az.	268°03'12"	0.242 sec	1 : 885585	1 : 885737
		ΔHt.	-57.817 ft	0.000 ft		
		ΔElev.	-57.545 ft	0.000 ft		
		Ellip Dist.	15864.057 ft	0.018 ft		
7114	7104	Az.	233°24'12"	0.594 sec	1 : 347575	1 : 347794
		ΔHt.	-15.925 ft	0.000 ft		
		ΔElev.	-15.816 ft	0.000 ft		
		Ellip Dist.	6511.117 ft	0.019 ft		
7114	7113	Az.	164°42'07"	0.285 sec	1 : 705848	1 : 705522
		ΔHt.	33.379 ft	0.000 ft		
		ΔElev.	33.380 ft	0.000 ft		
		Ellip Dist.	10646.420 ft	0.015 ft		
7114	IAWA	Az.	169°04'42"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-7.551 ft	0.000 ft		
		ΔElev.	-8.014 ft	0.000 ft		
		Ellip Dist.	64571.939 ft	0.000 ft		
7115	7111	Az.	265°56'48"	0.737 sec	1 : 288366	1 : 288368
		ΔHt.	-15.574 ft	0.000 ft		
		ΔElev.	-15.451 ft	0.000 ft		
		Ellip Dist.	5393.883 ft	0.019 ft		
7116	7114	Az.	268°17'36"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-48.052 ft	0.000 ft		
		ΔElev.	-47.861 ft	0.000 ft		
		Ellip Dist.	10748.627 ft	0.000 ft		
7117	7163	Az.	277°58'12"	0.892 sec	1 : 233801	1 : 233768
		ΔHt.	3.022 ft	0.000 ft		
		ΔElev.	3.148 ft	0.000 ft		
		Ellip Dist.	4504.910 ft	0.019 ft		
7117	7170	Az.	149°19'36"	0.563 sec	1 : 358614	1 : 358563
		ΔHt.	-2.843 ft	0.000 ft		
		ΔElev.	-2.993 ft	0.000 ft		
		Ellip Dist.	7065.063 ft	0.020 ft		
7118	7119	Az.	179°42'28"	0.281 sec	1 : 707342	1 : 707357
		ΔHt.	-66.546 ft	0.000 ft		
		ΔElev.	-66.585 ft	0.000 ft		
		Ellip Dist.	13276.691 ft	0.019 ft		
7119	7115	Az.	296°37'15"	0.355 sec	1 : 594889	1 : 594610

		ΔHt.	1.284 ft	0.000 ft		
		ΔElev.	1.593 ft	0.000 ft		
		Ellip Dist.	11823.225 ft	0.020 ft		
7119	7117	Az.	234°23'08"	0.582 sec	1 : 361225	1 : 361297
		ΔHt.	-37.392 ft	0.000 ft		
		ΔElev.	-37.255 ft	0.000 ft		
		Ellip Dist.	6609.539 ft	0.018 ft		
7119	7163	Az.	251°51'13"	0.357 sec	1 : 589869	1 : 589931
		ΔHt.	-34.369 ft	0.000 ft		
		ΔElev.	-34.107 ft	0.000 ft		
		Ellip Dist.	10349.238 ft	0.018 ft		
7119	7170	Az.	190°06'47"	0.341 sec	1 : 593954	1 : 594138
		ΔHt.	-40.234 ft	0.000 ft		
		ΔElev.	-40.248 ft	0.000 ft		
		Ellip Dist.	10082.996 ft	0.017 ft		
7120	7113	Az.	240°46'30"	0.145 sec	1 : 1431143	1 : 1432053
		ΔHt.	-18.494 ft	0.000 ft		
		ΔElev.	-18.096 ft	0.000 ft		
		Ellip Dist.	21249.577 ft	0.015 ft		
7120	7116	Az.	271°08'46"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-3.821 ft	0.000 ft		
		ΔElev.	-3.615 ft	0.000 ft		
		Ellip Dist.	10602.159 ft	0.000 ft		
7120	7118	Az.	180°30'35"	0.197 sec	1 : 990648	1 : 990760
		ΔHt.	10.208 ft	0.000 ft		
		ΔElev.	10.208 ft	0.000 ft		
		Ellip Dist.	18194.450 ft	0.018 ft		
7120	7128	Az.	90°06'04"	0.000 sec	1 : 0	1 : 0
		ΔHt.	55.427 ft	0.000 ft		
		ΔElev.	54.941 ft	0.000 ft		
		Ellip Dist.	21218.483 ft	0.000 ft		
7120	IAWA	Az.	188°12'52"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-59.423 ft	0.000 ft		
		ΔElev.	-59.490 ft	0.000 ft		
		Ellip Dist.	64175.280 ft	0.000 ft		
7121	7126	Az.	116°23'55"	0.319 sec	1 : 656595	1 : 656439
		ΔHt.	35.507 ft	0.000 ft		
		ΔElev.	35.184 ft	0.000 ft		
		Ellip Dist.	11864.493 ft	0.018 ft		

7123	7119	Az.	273°22'51"	0.348 sec	1 : 606940	1 : 606922
		ΔHt.	-50.385 ft	0.000 ft		
		ΔElev.	-50.060 ft	0.000 ft		
		Ellip Dist.	10612.629 ft	0.017 ft		
7123	7121	Az.	229°10'27"	0.564 sec	1 : 365270	1 : 365408
		ΔHt.	-36.367 ft	0.000 ft		
		ΔElev.	-36.236 ft	0.000 ft		
		Ellip Dist.	6919.393 ft	0.019 ft		
7123	7126	Az.	151°11'29"	0.312 sec	1 : 651063	1 : 650861
		ΔHt.	-0.861 ft	0.000 ft		
		ΔElev.	-1.052 ft	0.000 ft		
		Ellip Dist.	11185.573 ft	0.017 ft		
7124	7118	Az.	256°32'12"	0.351 sec	1 : 630269	1 : 630571
		ΔHt.	-36.361 ft	0.000 ft		
		ΔElev.	-36.069 ft	0.000 ft		
		Ellip Dist.	11033.235 ft	0.018 ft		
7124	7123	Az.	180°15'32"	0.242 sec	1 : 804540	1 : 804524
		ΔHt.	-52.522 ft	0.000 ft		
		ΔElev.	-52.594 ft	0.000 ft		
		Ellip Dist.	16471.385 ft	0.020 ft		
7126	7122	Az.	224°05'57"	0.696 sec	1 : 289624	1 : 289420
		ΔHt.	-65.945 ft	0.042 ft		
		ΔElev.	-65.844 ft	0.042 ft		
		Ellip Dist.	7435.201 ft	0.026 ft		
7126	7214	Az.	222°39'35"	0.260 sec	1 : 845733	1 : 846321
		ΔHt.	-99.505 ft	0.000 ft		
		ΔElev.	-99.329 ft	0.000 ft		
		Ellip Dist.	14059.260 ft	0.017 ft		
7127	7123	Az.	266°51'53"	0.399 sec	1 : 537340	1 : 537258
		ΔHt.	-32.779 ft	0.025 ft		
		ΔElev.	-32.504 ft	0.025 ft		
		Ellip Dist.	10729.211 ft	0.020 ft		
7127	7133	Az.	90°06'28"	0.389 sec	1 : 547133	1 : 546733
		ΔHt.	-64.370 ft	0.025 ft		
		ΔElev.	-64.572 ft	0.025 ft		
		Ellip Dist.	10537.647 ft	0.019 ft		
7128	7134	Az.	89°58'06"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-5.617 ft	0.000 ft		
		ΔElev.	-5.848 ft	0.000 ft		

		Ellip Dist.	10514.277 ft	0.000 ft		
7128	IAWA	Az.	205°38'02"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-114.850 ft	0.000 ft		
		ΔElev.	-114.431 ft	0.000 ft		
		Ellip Dist.	70377.919 ft	0.000 ft		
7129	7051	Az.	179°27'12"	0.749 sec	1 : 268288	1 : 268226
		ΔHt.	15.762 ft	0.017 ft		
		ΔElev.	15.747 ft	0.017 ft		
		Ellip Dist.	5302.306 ft	0.020 ft		
7129	7135	Az.	24°57'14"	0.361 sec	1 : 555478	1 : 555628
		ΔHt.	16.126 ft	0.017 ft		
		ΔElev.	16.097 ft	0.017 ft		
		Ellip Dist.	11570.968 ft	0.021 ft		
7130	7135	Az.	106°08'04"	0.906 sec	1 : 232691	1 : 232647
		ΔHt.	-33.574 ft	0.021 ft		
		ΔElev.	-33.657 ft	0.021 ft		
		Ellip Dist.	5123.104 ft	0.022 ft		
7131	7126	Az.	268°52'01"	0.383 sec	1 : 556116	1 : 556090
		ΔHt.	-7.616 ft	0.000 ft		
		ΔElev.	-7.406 ft	0.000 ft		
		Ellip Dist.	10710.362 ft	0.019 ft		
7131	7130	Az.	181°30'11"	1.078 sec	1 : 186571	1 : 186558
		ΔHt.	-48.649 ft	0.021 ft		
		ΔElev.	-48.658 ft	0.021 ft		
		Ellip Dist.	4246.523 ft	0.023 ft		
7131	7136	Az.	94°05'08"	0.824 sec	1 : 256231	1 : 256267
		ΔHt.	-72.737 ft	0.000 ft		
		ΔElev.	-72.818 ft	0.000 ft		
		Ellip Dist.	4964.039 ft	0.019 ft		
7132	7124	Az.	269°41'38"	0.264 sec	1 : 835133	1 : 834963
		ΔHt.	22.366 ft	0.017 ft		
		ΔElev.	22.746 ft	0.017 ft		
		Ellip Dist.	15978.715 ft	0.019 ft		
7132	7127	Az.	198°31'21"	0.247 sec	1 : 826125	1 : 826718
		ΔHt.	2.623 ft	0.029 ft		
		ΔElev.	2.656 ft	0.029 ft		
		Ellip Dist.	16844.804 ft	0.020 ft		
7132	7133	Az.	162°02'02"	0.198 sec	1 : 1002620	1 : 1002524
		ΔHt.	-61.748 ft	0.017 ft		

		ΔElev.	-61.916 ft	0.017 ft		
		Ellip Dist.	16814.401 ft	0.017 ft		
7133	7131	Az.	206°56'45"	0.327 sec	1 : 618258	1 : 618527
		ΔHt.	38.347 ft	0.000 ft		
		ΔElev.	38.422 ft	0.000 ft		
		Ellip Dist.	11390.664 ft	0.018 ft		
7133	7136	Az.	181°08'48"	0.363 sec	1 : 552670	1 : 552697
		ΔHt.	-34.390 ft	0.000 ft		
		ΔElev.	-34.396 ft	0.000 ft		
		Ellip Dist.	10510.914 ft	0.019 ft		
7134	7132	Az.	198°35'24"	0.177 sec	1 : 1100838	1 : 1101679
		ΔHt.	-25.607 ft	0.017 ft		
		ΔElev.	-25.562 ft	0.017 ft		
		Ellip Dist.	16339.483 ft	0.015 ft		
7135	7138	Az.	89°57'58"	0.451 sec	1 : 469221	1 : 469284
		ΔHt.	85.300 ft	0.000 ft		
		ΔElev.	85.160 ft	0.000 ft		
		Ellip Dist.	8925.452 ft	0.019 ft		
7139	7136	Az.	270°01'02"	0.523 sec	1 : 405649	1 : 405675
		ΔHt.	-16.245 ft	0.018 ft		
		ΔElev.	-16.114 ft	0.018 ft		
		Ellip Dist.	8175.904 ft	0.020 ft		
7139	7138	Az.	173°30'03"	0.698 sec	1 : 288610	1 : 288515
		ΔHt.	59.569 ft	0.018 ft		
		ΔElev.	59.549 ft	0.018 ft		
		Ellip Dist.	5344.875 ft	0.019 ft		
7140	7133	Az.	270°34'23"	0.342 sec	1 : 616067	1 : 616117
		ΔHt.	-56.783 ft	0.019 ft		
		ΔElev.	-56.608 ft	0.019 ft		
		Ellip Dist.	10593.296 ft	0.017 ft		
7140	7139	Az.	194°11'40"	0.366 sec	1 : 547486	1 : 547777
		ΔHt.	-74.928 ft	0.022 ft		
		ΔElev.	-74.890 ft	0.022 ft		
		Ellip Dist.	10733.885 ft	0.020 ft		
7140	7145	Az.	90°34'04"	0.317 sec	1 : 669950	1 : 670016
		ΔHt.	18.320 ft	0.019 ft		
		ΔElev.	18.179 ft	0.019 ft		
		Ellip Dist.	10576.657 ft	0.016 ft		
7141	7132	Az.	270°46'59"	0.262 sec	1 : 871144	1 : 871706

		ΔHt.	15.163 ft	0.025 ft		
		ΔElev.	15.477 ft	0.025 ft		
		Ellip Dist.	15854.966 ft	0.018 ft		
7141	7140	Az.	180°18'29"	0.240 sec	1 : 813269	1 : 813016
		ΔHt.	10.199 ft	0.024 ft		
		ΔElev.	10.169 ft	0.024 ft		
		Ellip Dist.	15887.615 ft	0.020 ft		
7141	7148	Az.	101°31'22"	0.307 sec	1 : 750279	1 : 750328
		ΔHt.	0.881 ft	0.025 ft		
		ΔElev.	0.682 ft	0.025 ft		
		Ellip Dist.	13374.868 ft	0.018 ft		
7142	7134	Az.	270°29'38"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-3.597 ft	0.000 ft		
		ΔElev.	-3.393 ft	0.000 ft		
		Ellip Dist.	9435.519 ft	0.000 ft		
7142	7208	Az.	112°46'47"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-4.553 ft	0.000 ft		
		ΔElev.	-5.054 ft	0.000 ft		
		Ellip Dist.	31348.412 ft	0.000 ft		
7142	IAWA	Az.	218°32'18"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-112.830 ft	0.000 ft		
		ΔElev.	-111.976 ft	0.000 ft		
		Ellip Dist.	80977.173 ft	0.000 ft		
7143	7069	Az.	181°08'33"	0.225 sec	1 : 866102	1 : 865807
		ΔHt.	-38.103 ft	0.016 ft		
		ΔElev.	-38.120 ft	0.016 ft		
		Ellip Dist.	15968.171 ft	0.018 ft		
7143	7075	Az.	147°17'23"	0.178 sec	1 : 1133064	1 : 1132057
		ΔHt.	-25.387 ft	0.016 ft		
		ΔElev.	-25.537 ft	0.016 ft		
		Ellip Dist.	18911.769 ft	0.017 ft		
7143	7138	Az.	270°40'32"	0.162 sec	1 : 1318043	1 : 1318207
		ΔHt.	-32.545 ft	0.016 ft		
		ΔElev.	-32.285 ft	0.016 ft		
		Ellip Dist.	17825.821 ft	0.014 ft		
7143	7152	Az.	89°59'42"	0.181 sec	1 : 1176087	1 : 1176325
		ΔHt.	-7.008 ft	0.016 ft		
		ΔElev.	-7.205 ft	0.016 ft		
		Ellip Dist.	15908.204 ft	0.014 ft		

7145	7133	Az.	270°35'49"	0.144 sec	1 : 1467652	1 : 1467549
		ΔHt.	-75.103 ft	0.000 ft		
		ΔElev.	-74.787 ft	0.000 ft		
		Ellip Dist.	21169.953 ft	0.014 ft		
7145	7143	Az.	161°45'06"	0.169 sec	1 : 1199482	1 : 1198943
		ΔHt.	-1.134 ft	0.016 ft		
		ΔElev.	-1.235 ft	0.016 ft		
		Ellip Dist.	16649.558 ft	0.014 ft		
7145	7153	Az.	90°17'29"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-63.113 ft	0.000 ft		
		ΔElev.	-63.370 ft	0.000 ft		
		Ellip Dist.	18498.673 ft	0.000 ft		
7146	7145	Az.	205°41'11"	0.602 sec	1 : 335707	1 : 335706
		ΔHt.	39.412 ft	0.019 ft		
		ΔElev.	39.440 ft	0.019 ft		
		Ellip Dist.	5930.847 ft	0.018 ft		
7146	7148	Az.	0°22'12"	0.452 sec	1 : 443850	1 : 443779
		ΔHt.	11.774 ft	0.020 ft		
		ΔElev.	11.774 ft	0.020 ft		
		Ellip Dist.	7974.420 ft	0.018 ft		
7149	7142	Az.	269°33'43"	0.000 sec	1 : 0	1 : 0
		ΔHt.	8.311 ft	0.000 ft		
		ΔElev.	8.521 ft	0.000 ft		
		Ellip Dist.	10437.428 ft	0.000 ft		
7150	7145	Az.	269°59'21"	0.361 sec	1 : 610475	1 : 610559
		ΔHt.	4.737 ft	0.000 ft		
		ΔElev.	4.876 ft	0.000 ft		
		Ellip Dist.	9818.360 ft	0.016 ft		
7150	7153	Az.	90°41'08"	0.409 sec	1 : 539794	1 : 539877
		ΔHt.	-58.376 ft	0.000 ft		
		ΔElev.	-58.494 ft	0.000 ft		
		Ellip Dist.	8680.654 ft	0.016 ft		
7150	7154	Az.	35°36'20"	0.172 sec	1 : 1160981	1 : 1162109
		ΔHt.	5.479 ft	0.000 ft		
		ΔElev.	5.306 ft	0.000 ft		
		Ellip Dist.	19624.910 ft	0.017 ft		
7151	7132	Az.	247°41'53"	0.077 sec	1 : 2850034	1 : 2852534
		ΔHt.	10.416 ft	0.017 ft		
		ΔElev.	11.083 ft	0.017 ft		

		Ellip Dist.	39921.876 ft	0.014 ft		
7151	7141	Az.	233°53'10"	0.136 sec	1 : 1501386	1 : 1504168
		ΔHt.	-4.748 ft	0.023 ft		
		ΔElev.	-4.394 ft	0.023 ft		
		Ellip Dist.	26096.888 ft	0.017 ft		
7151	7148	Az.	203°49'53"	0.120 sec	1 : 1627670	1 : 1627901
		ΔHt.	-3.867 ft	0.014 ft		
		ΔElev.	-3.712 ft	0.014 ft		
		Ellip Dist.	19748.957 ft	0.012 ft		
7151	7149	Az.	271°31'05"	0.000 sec	1 : 0	1 : 0
		ΔHt.	31.308 ft	0.000 ft		
		ΔElev.	31.517 ft	0.000 ft		
		Ellip Dist.	11836.994 ft	0.000 ft		
7151	7155	Az.	88°47'17"	0.000 sec	1 : 0	1 : 0
		ΔHt.	11.058 ft	0.000 ft		
		ΔElev.	10.914 ft	0.000 ft		
		Ellip Dist.	10667.042 ft	0.000 ft		
7151	IAWA	Az.	229°05'54"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-73.210 ft	0.000 ft		
		ΔElev.	-71.938 ft	0.000 ft		
		Ellip Dist.	96295.960 ft	0.000 ft		
7152	7075	Az.	199°42'33"	0.193 sec	1 : 1041724	1 : 1042056
		ΔHt.	-18.379 ft	0.000 ft		
		ΔElev.	-18.332 ft	0.000 ft		
		Ellip Dist.	16900.139 ft	0.016 ft		
7152	7138	Az.	270°23'40"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-25.537 ft	0.000 ft		
		ΔElev.	-25.080 ft	0.000 ft		
		Ellip Dist.	33733.432 ft	0.000 ft		
7153	7152	Az.	170°34'05"	0.000 sec	1 : 0	1 : 0
		ΔHt.	54.972 ft	0.000 ft		
		ΔElev.	54.930 ft	0.000 ft		
		Ellip Dist.	15930.602 ft	0.000 ft		
7154	7145	Az.	233°06'58"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-0.742 ft	0.000 ft		
		ΔElev.	-0.430 ft	0.000 ft		
		Ellip Dist.	26569.895 ft	0.000 ft		
7154	7148	Az.	261°57'33"	0.132 sec	1 : 1612900	1 : 1614076
		ΔHt.	-28.379 ft	0.014 ft		

		ΔElev.	-28.096 ft	0.014 ft		
		Ellip Dist.	18803.779 ft	0.012 ft		
7154	7153	Az.	189°43'49"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-63.855 ft	0.000 ft		
		ΔElev.	-63.800 ft	0.000 ft		
		Ellip Dist.	16292.813 ft	0.000 ft		
7155	7148	Az.	225°34'30"	0.092 sec	1 : 2173025	1 : 2174535
		ΔHt.	-14.925 ft	0.014 ft		
		ΔElev.	-14.626 ft	0.014 ft		
		Ellip Dist.	26118.110 ft	0.012 ft		
7155	7154	Az.	180°07'25"	0.000 sec	1 : 0	1 : 0
		ΔHt.	13.455 ft	0.000 ft		
		ΔElev.	13.470 ft	0.000 ft		
		Ellip Dist.	15651.822 ft	0.000 ft		
7155	7208	Az.	198°25'48"	0.000 sec	1 : 0	1 : 0
		ΔHt.	24.009 ft	0.000 ft		
		ΔElev.	24.070 ft	0.000 ft		
		Ellip Dist.	12807.407 ft	0.000 ft		
7155	IAWA	Az.	232°51'17"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-84.268 ft	0.000 ft		
		ΔElev.	-82.852 ft	0.000 ft		
		Ellip Dist.	104726.194 ft	0.000 ft		
7157	7047	Az.	193°41'28"	1.139 sec	1 : 178367	1 : 178406
		ΔHt.	-10.405 ft	0.000 ft		
		ΔElev.	-10.402 ft	0.000 ft		
		Ellip Dist.	3381.760 ft	0.019 ft		
7157	7126	Az.	351°40'51"	0.208 sec	1 : 953242	1 : 953363
		ΔHt.	102.000 ft	0.000 ft		
		ΔElev.	102.145 ft	0.000 ft		
		Ellip Dist.	18138.760 ft	0.019 ft		
7157	7129	Az.	75°58'02"	0.502 sec	1 : 420564	1 : 420728
		ΔHt.	11.267 ft	0.017 ft		
		ΔElev.	11.139 ft	0.017 ft		
		Ellip Dist.	8264.300 ft	0.020 ft		
7157	7214	Az.	302°03'15"	0.275 sec	1 : 729139	1 : 728496
		ΔHt.	2.495 ft	0.000 ft		
		ΔElev.	2.816 ft	0.000 ft		
		Ellip Dist.	14338.789 ft	0.020 ft		
7158	7036	Az.	270°06'30"	1.355 sec	1 : 154494	1 : 154495

		ΔHt.	12.601 ft	0.000 ft		
		ΔElev.	12.657 ft	0.000 ft		
		Ellip Dist.	2816.642 ft	0.018 ft		
7159	7050	Az.	265°41'44"	0.669 sec	1 : 323239	1 : 323340
		ΔHt.	0.993 ft	0.000 ft		
		ΔElev.	1.103 ft	0.000 ft		
		Ellip Dist.	6274.100 ft	0.019 ft		
7159	7054	Az.	189°42'10"	0.321 sec	1 : 599370	1 : 599607
		ΔHt.	-1.856 ft	0.000 ft		
		ΔElev.	-1.784 ft	0.000 ft		
		Ellip Dist.	11424.407 ft	0.019 ft		
7159	7165	Az.	94°52'29"	0.659 sec	1 : 325448	1 : 325487
		ΔHt.	85.455 ft	0.000 ft		
		ΔElev.	85.355 ft	0.000 ft		
		Ellip Dist.	5954.541 ft	0.018 ft		
7161	7023	Az.	223°12'26"	0.386 sec	1 : 531598	1 : 531879
		ΔHt.	36.240 ft	0.015 ft		
		ΔElev.	36.357 ft	0.015 ft		
		Ellip Dist.	8954.828 ft	0.017 ft		
7161	7030	Az.	141°29'18"	0.442 sec	1 : 460395	1 : 460074
		ΔHt.	58.945 ft	0.022 ft		
		ΔElev.	58.725 ft	0.022 ft		
		Ellip Dist.	8558.080 ft	0.019 ft		
7161	7171	Az.	6°56'59"	0.355 sec	1 : 554839	1 : 554819
		ΔHt.	29.276 ft	0.015 ft		
		ΔElev.	29.343 ft	0.015 ft		
		Ellip Dist.	9440.115 ft	0.017 ft		
7161	7182	Az.	68°09'06"	0.384 sec	1 : 552466	1 : 552691
		ΔHt.	-1.555 ft	0.015 ft		
		ΔElev.	-1.770 ft	0.015 ft		
		Ellip Dist.	9806.864 ft	0.018 ft		
7164	7103	Az.	187°11'28"	0.840 sec	1 : 240427	1 : 240432
		ΔHt.	-14.633 ft	0.000 ft		
		ΔElev.	-14.603 ft	0.000 ft		
		Ellip Dist.	5248.259 ft	0.022 ft		
7167	7079	Az.	344°51'52"	0.369 sec	1 : 514900	1 : 514695
		ΔHt.	-6.353 ft	0.000 ft		
		ΔElev.	-6.293 ft	0.000 ft		
		Ellip Dist.	10882.920 ft	0.021 ft		

7169	7032	Az.	273°03'46"	0.838 sec	1 : 254279	1 : 254323
		ΔHt.	-16.905 ft	0.000 ft		
		ΔElev.	-16.794 ft	0.000 ft		
		Ellip Dist.	5290.850 ft	0.021 ft		
7169	7035	Az.	180°32'10"	0.432 sec	1 : 466938	1 : 466890
		ΔHt.	-82.128 ft	0.000 ft		
		ΔElev.	-82.069 ft	0.000 ft		
		Ellip Dist.	9677.936 ft	0.021 ft		
7170	7121	Az.	56°09'55"	0.454 sec	1 : 458708	1 : 458905
		ΔHt.	54.252 ft	0.000 ft		
		ΔElev.	54.072 ft	0.000 ft		
		Ellip Dist.	8584.580 ft	0.019 ft		
7170	7126	Az.	91°35'12"	0.186 sec	1 : 1138169	1 : 1137981
		ΔHt.	89.758 ft	0.000 ft		
		ΔElev.	89.256 ft	0.000 ft		
		Ellip Dist.	17766.505 ft	0.016 ft		
7170	7182	Az.	178°21'17"	0.290 sec	1 : 689212	1 : 689296
		ΔHt.	5.876 ft	0.000 ft		
		ΔElev.	5.757 ft	0.000 ft		
		Ellip Dist.	11377.283 ft	0.017 ft		
7170	7183	Az.	234°52'16"	0.558 sec	1 : 373602	1 : 373831
		ΔHt.	21.773 ft	0.000 ft		
		ΔElev.	21.917 ft	0.000 ft		
		Ellip Dist.	7997.305 ft	0.021 ft		
7170	7209	Az.	156°45'33"	0.286 sec	1 : 675216	1 : 675114
		ΔHt.	11.051 ft	0.022 ft		
		ΔElev.	10.780 ft	0.022 ft		
		Ellip Dist.	13814.527 ft	0.020 ft		
7170	7214	Az.	142°45'13"	0.251 sec	1 : 770561	1 : 770543
		ΔHt.	-9.747 ft	0.000 ft		
		ΔElev.	-10.073 ft	0.000 ft		
		Ellip Dist.	13615.342 ft	0.018 ft		
7171	7108	Az.	248°47'35"	0.199 sec	1 : 1048062	1 : 1048423
		ΔHt.	56.018 ft	0.000 ft		
		ΔElev.	56.334 ft	0.000 ft		
		Ellip Dist.	14916.468 ft	0.014 ft		
7171	7182	Az.	125°42'30"	0.363 sec	1 : 575079	1 : 574899
		ΔHt.	-30.831 ft	0.000 ft		
		ΔElev.	-31.113 ft	0.000 ft		

		Ellip Dist.	9802.870 ft	0.017 ft		
7172	7108	Az.	118°48'10"	0.407 sec	1 : 509443	1 : 509366
		ΔHt.	2.038 ft	0.000 ft		
		ΔElev.	1.795 ft	0.000 ft		
		Ellip Dist.	11211.502 ft	0.022 ft		
7174	7019	Az.	325°48'40"	0.075 sec	1 : 2611841	1 : 2608694
		ΔHt.	125.930 ft	0.000 ft		
		ΔElev.	126.139 ft	0.000 ft		
		Ellip Dist.	38075.663 ft	0.015 ft		
7174	7026	Az.	326°04'10"	0.144 sec	1 : 1429586	1 : 1428358
		ΔHt.	109.014 ft	0.000 ft		
		ΔElev.	109.092 ft	0.000 ft		
		Ellip Dist.	18841.438 ft	0.013 ft		
7174	7042	Az.	34°10'54"	0.124 sec	1 : 1604399	1 : 1605127
		ΔHt.	132.633 ft	0.000 ft		
		ΔElev.	132.337 ft	0.000 ft		
		Ellip Dist.	18994.604 ft	0.012 ft		
7174	7048	Az.	53°28'24"	0.000 sec	1 : 0	1 : 0
		ΔHt.	32.237 ft	0.000 ft		
		ΔElev.	31.747 ft	0.000 ft		
		Ellip Dist.	26488.419 ft	0.000 ft		
7174	7061	Az.	53°38'53"	0.063 sec	1 : 3302676	1 : 3304727
		ΔHt.	-36.446 ft	0.000 ft		
		ΔElev.	-37.284 ft	0.000 ft		
		Ellip Dist.	44470.902 ft	0.013 ft		
7175	7042	Az.	0°29'37"	0.216 sec	1 : 920744	1 : 920492
		ΔHt.	138.147 ft	0.000 ft		
		ΔElev.	138.030 ft	0.000 ft		
		Ellip Dist.	15653.912 ft	0.017 ft		
7175	7048	Az.	34°23'45"	0.157 sec	1 : 1262793	1 : 1263235
		ΔHt.	37.750 ft	0.000 ft		
		ΔElev.	37.440 ft	0.000 ft		
		Ellip Dist.	19027.733 ft	0.015 ft		
7175	7174	Az.	269°41'59"	0.294 sec	1 : 726719	1 : 727009
		ΔHt.	5.514 ft	0.000 ft		
		ΔElev.	5.693 ft	0.000 ft		
		Ellip Dist.	10544.022 ft	0.015 ft		
7183	7171	Az.	226°09'55"	2.871 sec	1 : 71605	1 : 71639
		ΔHt.	14.934 ft	0.000 ft		

		ΔElev.	14.953 ft	0.000 ft		
		Ellip Dist.	1511.632 ft	0.021 ft		
7201	7090	Az.	260°16'31"	0.792 sec	1 : 266641	1 : 266760
		ΔHt.	72.164 ft	0.000 ft		
		ΔElev.	72.244 ft	0.000 ft		
		Ellip Dist.	5593.389 ft	0.021 ft		
7201	7101	Az.	70°49'26"	0.879 sec	1 : 239213	1 : 239332
		ΔHt.	1.470 ft	0.000 ft		
		ΔElev.	1.398 ft	0.000 ft		
		Ellip Dist.	5100.879 ft	0.021 ft		
7208	7148	Az.	247°12'51"	0.154 sec	1 : 1341623	1 : 1342808
		ΔHt.	-38.933 ft	0.014 ft		
		ΔElev.	-38.696 ft	0.014 ft		
		Ellip Dist.	15838.668 ft	0.012 ft		
7208	7154	Az.	131°04'41"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-10.554 ft	0.000 ft		
		ΔElev.	-10.600 ft	0.000 ft		
		Ellip Dist.	5327.358 ft	0.000 ft		
7209	7182	Az.	284°28'05"	0.752 sec	1 : 276935	1 : 276762
		ΔHt.	-5.175 ft	0.022 ft		
		ΔElev.	-5.023 ft	0.022 ft		
		Ellip Dist.	5292.061 ft	0.019 ft		
7211	7091	Az.	215°28'19"	1.258 sec	1 : 159791	1 : 159875
		ΔHt.	3.042 ft	0.000 ft		
		ΔElev.	3.073 ft	0.000 ft		
		Ellip Dist.	3397.706 ft	0.021 ft		
7211	7102	Az.	101°57'52"	0.363 sec	1 : 626901	1 : 626963
		ΔHt.	7.719 ft	0.000 ft		
		ΔElev.	7.533 ft	0.000 ft		
		Ellip Dist.	12517.875 ft	0.020 ft		
7211	7164	Az.	58°30'53"	0.271 sec	1 : 752118	1 : 752934
		ΔHt.	20.816 ft	0.000 ft		
		ΔElev.	20.591 ft	0.000 ft		
		Ellip Dist.	15097.264 ft	0.020 ft		
7212	7088	Az.	271°27'30"	0.509 sec	1 : 420269	1 : 420279
		ΔHt.	-16.330 ft	0.000 ft		
		ΔElev.	-16.201 ft	0.000 ft		
		Ellip Dist.	8513.725 ft	0.020 ft		
7212	7162	Az.	94°21'48"	0.797 sec	1 : 266575	1 : 266564

		ΔHt.	-29.301 ft	0.000 ft		
		ΔElev.	-29.373 ft	0.000 ft		
		Ellip Dist.	4863.237 ft	0.018 ft		
7212	7164	Az.	111°23'14"	0.304 sec	1 : 743813	1 : 743696
		ΔHt.	-17.108 ft	0.000 ft		
		ΔElev.	-17.289 ft	0.000 ft		
		Ellip Dist.	14262.485 ft	0.019 ft		
7212	7211	Az.	178°13'24"	0.311 sec	1 : 609026	1 : 608609
		ΔHt.	-37.924 ft	0.000 ft		
		ΔElev.	-37.880 ft	0.000 ft		
		Ellip Dist.	13092.608 ft	0.021 ft		
7213	7087	Az.	269°59'28"	0.000 sec	1 : 0	1 : 0
		ΔHt.	20.476 ft	0.000 ft		
		ΔElev.	20.655 ft	0.000 ft		
		Ellip Dist.	10628.876 ft	0.000 ft		
7214	7122	Az.	41°01'16"	0.775 sec	1 : 261941	1 : 261815
		ΔHt.	33.560 ft	0.042 ft		
		ΔElev.	33.485 ft	0.042 ft		
		Ellip Dist.	6629.038 ft	0.025 ft		
7214	7182	Az.	266°09'32"	0.457 sec	1 : 457924	1 : 457696
		ΔHt.	15.623 ft	0.000 ft		
		ΔElev.	15.830 ft	0.000 ft		
		Ellip Dist.	7931.960 ft	0.017 ft		
7214	7209	Az.	236°23'38"	1.316 sec	1 : 169104	1 : 169079
		ΔHt.	20.797 ft	0.022 ft		
		ΔElev.	20.853 ft	0.022 ft		
		Ellip Dist.	3349.978 ft	0.020 ft		
7215	7045	Az.	169°49'26"	0.348 sec	1 : 573391	1 : 573179
		ΔHt.	6.339 ft	0.014 ft		
		ΔElev.	6.336 ft	0.014 ft		
		Ellip Dist.	10899.210 ft	0.019 ft		
7217	7145	Az.	155°25'54"	0.618 sec	1 : 331682	1 : 331557
		ΔHt.	34.487 ft	0.019 ft		
		ΔElev.	34.448 ft	0.019 ft		
		Ellip Dist.	5825.224 ft	0.018 ft		
7217	7146	Az.	89°27'18"	0.791 sec	1 : 265034	1 : 265062
		ΔHt.	-4.925 ft	0.021 ft		
		ΔElev.	-4.992 ft	0.021 ft		
		Ellip Dist.	4991.744 ft	0.019 ft		

7217	7148	Az.	32°08'50"	0.382 sec	1 : 527527	1 : 527687
		ΔHt.	6.849 ft	0.020 ft		
		ΔElev.	6.782 ft	0.020 ft		
		Ellip Dist.	9474.322 ft	0.018 ft		
7220	7100	Az.	245°51'35"	0.923 sec	1 : 225618	1 : 225728
		ΔHt.	89.853 ft	0.027 ft		
		ΔElev.	89.927 ft	0.027 ft		
		Ellip Dist.	4962.103 ft	0.022 ft		
7220	7163	Az.	74°53'54"	0.300 sec	1 : 706518	1 : 707154
		ΔHt.	-14.402 ft	0.027 ft		
		ΔElev.	-14.719 ft	0.027 ft		
		Ellip Dist.	15371.350 ft	0.022 ft		
7309	7030	Az.	255°08'35"	0.908 sec	1 : 231698	1 : 231495
		ΔHt.	-27.981 ft	0.035 ft		
		ΔElev.	-27.850 ft	0.035 ft		
		Ellip Dist.	5431.130 ft	0.023 ft		
7309	7038	Az.	104°33'40"	0.983 sec	1 : 202017	1 : 201939
		ΔHt.	-40.139 ft	0.043 ft		
		ΔElev.	-40.278 ft	0.043 ft		
		Ellip Dist.	5566.613 ft	0.028 ft		
7310	7014	Az.	180°59'54"	0.792 sec	1 : 254130	1 : 254200
		ΔHt.	-68.904 ft	0.000 ft		
		ΔElev.	-68.909 ft	0.000 ft		
		Ellip Dist.	4857.436 ft	0.019 ft		
7310	7021	Az.	88°33'03"	0.225 sec	1 : 942688	1 : 942758
		ΔHt.	-15.096 ft	0.000 ft		
		ΔElev.	-15.472 ft	0.000 ft		
		Ellip Dist.	13085.352 ft	0.014 ft		
7310	7403	Az.	67°53'45"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-84.910 ft	0.000 ft		
		ΔElev.	-85.239 ft	0.000 ft		
		Ellip Dist.	13128.956 ft	0.000 ft		
7311	7045	Az.	90°47'26"	1.530 sec	1 : 137170	1 : 137246
		ΔHt.	-74.901 ft	0.014 ft		
		ΔElev.	-74.941 ft	0.014 ft		
		Ellip Dist.	2708.256 ft	0.020 ft		
IAWA	7001	Az.	211°48'09"	0.000 sec	1 : 0	1 : 0
		ΔHt.	121.758 ft	0.000 ft		
		ΔElev.	122.688 ft	0.000 ft		

		Ellip Dist.	73270.667 ft	0.000 ft		
IAWA	7007	Az.	204°17'34"	0.000 sec	1 : 0	1 : 2572324826
		ΔHt.	98.919 ft	0.018 ft		
		ΔElev.	99.601 ft	0.018 ft		
		Ellip Dist.	68184.669 ft	0.000 ft		
IAWA	7018	Az.	186°34'26"	0.046 sec	1 : 4112757	1 : 4114450
		ΔHt.	108.450 ft	0.000 ft		
		ΔElev.	108.688 ft	0.000 ft		
		Ellip Dist.	61871.494 ft	0.015 ft		
IAWA	7022	Az.	229°50'12"	0.510 sec	1 : 406219	1 : 406327
		ΔHt.	0.072 ft	0.014 ft		
		ΔElev.	0.168 ft	0.014 ft		
		Ellip Dist.	5375.130 ft	0.013 ft		
IAWA	7023	Az.	274°19'21"	0.360 sec	1 : 593812	1 : 593816
		ΔHt.	6.522 ft	0.000 ft		
		ΔElev.	6.749 ft	0.000 ft		
		Ellip Dist.	7629.796 ft	0.013 ft		
IAWA	7025	Az.	188°52'01"	0.341 sec	1 : 581725	1 : 581739
		ΔHt.	21.521 ft	0.019 ft		
		ΔElev.	21.505 ft	0.019 ft		
		Ellip Dist.	9128.325 ft	0.016 ft		
IAWA	7028	Az.	165°02'25"	0.193 sec	1 : 1038324	1 : 1037955
		ΔHt.	55.275 ft	0.000 ft		
		ΔElev.	55.104 ft	0.000 ft		
		Ellip Dist.	14944.189 ft	0.014 ft		
IAWA	7030	Az.	84°00'00"	0.885 sec	1 : 239398	1 : 239314
		ΔHt.	29.227 ft	0.020 ft		
		ΔElev.	29.118 ft	0.020 ft		
		Ellip Dist.	3872.833 ft	0.016 ft		
IAWA	7034	Az.	167°00'14"	0.046 sec	1 : 4291467	1 : 4286833
		ΔHt.	31.203 ft	0.000 ft		
		ΔElev.	31.058 ft	0.000 ft		
		Ellip Dist.	63861.734 ft	0.015 ft		
IAWA	7036	Az.	136°59'39"	0.163 sec	1 : 1259962	1 : 1259669
		ΔHt.	41.161 ft	0.000 ft		
		ΔElev.	40.772 ft	0.000 ft		
		Ellip Dist.	19691.694 ft	0.016 ft		
IAWA	7037	Az.	110°13'23"	0.237 sec	1 : 885293	1 : 885113
		ΔHt.	37.187 ft	0.000 ft		

		ΔElev.	36.779 ft	0.000 ft		
		Ellip Dist.	15493.375 ft	0.018 ft		
IAWA	7038	Az.	88°24'37"	0.245 sec	1 : 858472	1 : 858333
		ΔHt.	17.068 ft	0.018 ft		
		ΔElev.	16.690 ft	0.018 ft		
		Ellip Dist.	14494.575 ft	0.017 ft		
IAWA	7042	Az.	158°07'54"	0.035 sec	1 : 5735731	1 : 5732062
		ΔHt.	89.958 ft	0.000 ft		
		ΔElev.	89.622 ft	0.000 ft		
		Ellip Dist.	67024.530 ft	0.012 ft		
IAWA	7043	Az.	151°37'58"	0.041 sec	1 : 5068916	1 : 5063306
		ΔHt.	9.475 ft	0.000 ft		
		ΔElev.	9.052 ft	0.000 ft		
		Ellip Dist.	52640.416 ft	0.010 ft		
IAWA	7052	Az.	143°41'34"	0.038 sec	1 : 5408819	1 : 5403557
		ΔHt.	-50.541 ft	0.000 ft		
		ΔElev.	-51.270 ft	0.000 ft		
		Ellip Dist.	77958.058 ft	0.014 ft		
IAWA	7060	Az.	138°21'54"	0.048 sec	1 : 4324759	1 : 4319325
		ΔHt.	-68.134 ft	0.000 ft		
		ΔElev.	-69.015 ft	0.000 ft		
		Ellip Dist.	79874.774 ft	0.018 ft		
IAWA	7073	Az.	129°16'59"	0.032 sec	1 : 6317869	1 : 6315016
		ΔHt.	-39.266 ft	0.000 ft		
		ΔElev.	-40.499 ft	0.000 ft		
		Ellip Dist.	100356.967 ft	0.016 ft		
IAWA	7076	Az.	123°53'34"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-71.451 ft	0.000 ft		
		ΔElev.	-72.818 ft	0.000 ft		
		Ellip Dist.	106254.065 ft	0.000 ft		
IAWA	7079	Az.	95°59'47"	0.000 sec	1 : 0	1 : 0
		ΔHt.	52.623 ft	0.000 ft		
		ΔElev.	51.162 ft	0.000 ft		
		Ellip Dist.	88344.044 ft	0.000 ft		
IAWA	7081	Az.	89°50'27"	0.000 sec	1 : 0	1 : 0
		ΔHt.	84.596 ft	0.000 ft		
		ΔElev.	83.152 ft	0.000 ft		
		Ellip Dist.	88027.527 ft	0.000 ft		
IAWA	7158	Az.	131°33'24"	0.157 sec	1 : 1318711	1 : 1318315

		ΔHt.	28.561 ft	0.000 ft		
		ΔElev.	28.115 ft	0.000 ft		
		Ellip Dist.	21712.981 ft	0.016 ft		
IAWA	7161	Az.	348°15'08"	0.406 sec	1 : 491285	1 : 491161
		ΔHt.	-29.718 ft	0.015 ft		
		ΔElev.	-29.608 ft	0.015 ft		
		Ellip Dist.	7253.627 ft	0.015 ft		
IAWA	7174	Az.	169°35'55"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-42.676 ft	0.000 ft		
		ΔElev.	-42.715 ft	0.000 ft		
		Ellip Dist.	79223.561 ft	0.000 ft		
IAWA	7208	Az.	57°02'33"	0.000 sec	1 : 0	1 : 0
		ΔHt.	108.276 ft	0.000 ft		
		ΔElev.	106.922 ft	0.000 ft		
		Ellip Dist.	94439.712 ft	0.000 ft		

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