

Alberta Transportation NAD27 3TM Horizontal Data for 83L

Monument	Date	Elevation	Northing	Easting	Latitude	Longitude	Convergence	Scale	Combined	Map	Base
P-83L-1	1971	1501.750	M 5988299.963	M 59224.726	54- 1-31.258	119- 5-46.438	0-43-53.052	0.999943	0.999708	83L	120
P-83L-2	1971	1793.748	M 5994670.831	M 54899.207	54- 4-59.030	119- 9-39.887	0-40-45.909	0.999937	0.999656	83L	120
P-83L-3	1971	1541.980	M 5997325.125	M 60368.798	54- 6-22.672	119- 4-37.129	0-44-51.898	0.999945	0.999703	83L	120
P-83L-4	1971	1436.220	M 6000027.735	M 56842.252	54- 7-51.526	119- 7-49.386	0-42-16.937	0.999940	0.999715	83L	120
P-83L-5	1971	1388.970	M 6003403.538	M 55259.579	54- 9-41.327	119- 9-14.317	0-41- 9.060	0.999937	0.999720	83L	120
P-83L-6	1971	1656.588	M 6001847.840	M 52015.146	54-12-15.988	119-12-10.167	0-38-47.761	0.999933	0.999674	83L	120
P-83L-7	1971	1293.570	M 6006559.274	M 49087.913	54-11-25.648	119-14-52.589	0-36-35.630	0.999930	0.999727	83L	120
P-83L-8	1971	1190.550	M 6018914.819	M 57231.282	54-18- 2.207	119- 7-15.015	0-42-50.269	0.999940	0.999754	83L	120
P-83L-9	1971	1351.480	M 6024348.976	M 57438.272	54-20-57.869	119- 6-59.806	0-43- 4.200	0.999940	0.999729	83L	120
P-83L-10	1971	1330.760	M 6023313.331	M 57508.441	54-20-24.347	119- 6-56.640	0-43- 6.471	0.999941	0.999732	83L	120
P-83L-19	1971	1591.105	M 5986225.688	M 90165.603	54- 0- 8.071	118-37-29.332	1- 6-45.355	1.000000	0.999751	83L	120
P-83L-20	1971	1610.231	M 5986473.006	M 90449.244	54- 0-15.890	118-37-13.499	1- 6-58.276	1.000000	0.999748	83L	120
P-83L-21	1971	1611.377	M 5986625.131	M 90687.503	54- 0-20.659	118-37- 0.257	1- 7- 9.057	1.000001	0.999749	83L	120
P-83L-22	1971	1574.527	M 5987361.006	M 90456.820	54- 0-44.601	118-37-12.133	1- 6-59.787	1.000000	0.999754	83L	120
P-83L-23	1971	1556.080	M 5988394.358	M 90849.816	54- 1-17.768	118-36-49.445	1- 7-18.617	1.000001	0.999758	83L	120
P-83L-24	1971	1552.435	M 5988951.599	M 91282.445	54- 1-35.513	118-36-25.086	1- 7-38.584	1.000002	0.999759	83L	120
P-83L-25	1971	1546.196	M 5989131.738	M 91447.437	54- 1-41.233	118-36-15.829	1- 7-46.158	1.000003	0.999760	83L	120
P-83L-26	1971	1538.716	M 5989382.615	M 91554.438	54- 1-49.277	118-36- 9.680	1- 7-51.250	1.000003	0.999762	83L	120
P-83L-27	1971	1533.074	M 5989646.003	M 91866.473	54- 1-57.595	118-35-52.255	1- 8- 5.473	1.000003	0.999763	83L	120
P-83L-28	1971	1522.327	M 5990035.374	M 92148.772	54- 2-10.004	118-35-36.324	1- 8-18.546	1.000004	0.999766	83L	120
P-83L-29	1971	1517.054	M 5990194.052	M 92201.569	54- 2-15.101	118-35-33.250	1- 8-21.108	1.000004	0.999767	83L	120
P-83L-30	1971	1480.450	M 5990927.934	M 92445.019	54- 2-38.676	118-35-19.072	1- 8-32.925	1.000005	0.999773	83L	120
P-83L-31	1971	1478.167	M 5990944.013	M 92622.251	54- 2-39.056	118-35- 7.119	1- 8-42.607	1.000005	0.999774	83L	120
P-83L-32	1971	1477.305	M 5991125.365	M 92861.680	54- 2-44.791	118-34-55.962	1- 8-51.722	1.000006	0.999774	83L	120
P-83L-33	1971	1471.385	M 5991301.022	M 93089.435	54- 2-50.323	118-34-43.255	1- 9- 2.089	1.000006	0.999776	83L	120
P-83L-34	1971	1462.583	M 5991760.533	M 93282.945	54- 3- 5.056	118-34-32.113	1- 9-11.324	1.000007	0.999778	83L	120
P-83L-35	1971	1455.947	M 5992023.696	M 93542.489	54- 3-13.397	118-34-17.559	1- 9-23.229	1.000007	0.999779	83L	120
P-83L-36	1971	1455.947	M 5992178.992	M 93771.749	54- 3-18.268	118-34- 4.787	1- 9-33.641	1.000008	0.999780	83L	120
P-83L-37	1971	1439.909	M 5993107.326	M 93920.240	54- 3-48.190	118-33-55.592	1- 9-41.525	1.000008	0.999783	83L	120
P-83L-38	1971	1436.520	M 5993304.634	M 94060.721	54- 3-54.478	118-33-47.650	1- 9-48.048	1.000008	0.999784	83L	120
P-83L-39	1971	1430.430	M 5993718.807	M 94131.086	54- 4- 7.824	118-33-43.319	1- 9-51.751	1.000009	0.999785	83L	120
P-83L-40	1971	1433.292	M 5993940.659	M 94277.432	54- 4-14.902	118-33-35.025	1- 9-58.572	1.000009	0.999785	83L	120
P-83L-41	1971	1435.187	M 5994299.206	M 94357.391	54- 4-26.443	118-33-30.228	1-10- 2.627	1.000009	0.999784	83L	120
P-83L-42	1971	1436.233	M 5994514.892	M 94479.771	54- 4-33.337	118-33-23.257	1-10- 8.374	1.000009	0.999785	83L	120
P-83L-43	1971	1435.937	M 5994872.451	M 94525.282	54- 4-44.869	118-33-20.353	1-10-10.896	1.000010	0.999785	83L	120
P-83L-44	1971	1437.440	M 5995478.608	M 94732.134	54- 5- 4.332	118-33- 8.296	1-10-20.950	1.000010	0.999785	83L	120
P-83L-45	1971	1420.670	M 5996154.759	M 94970.802	54- 5-26.038	118-32-54.408	1-10-32.520	1.000011	0.999788	83L	120
P-83L-46	1971	1416.100	M 5996624.038	M 95297.608	54- 5-40.995	118-32-35.900	1-10-47.735	1.000011	0.999790	83L	120
P-83L-47	1971	1421.916	M 5997075.139	M 95555.229	54- 5-55.410	118-32-21.216	1-10-59.845	1.000012	0.999789	83L	120
P-83L-48	1971	1419.774	M 5997372.086	M 95710.368	54- 6- 4.908	118-32-12.343	1-11- 7.175	1.000012	0.999790	83L	120
P-83L-49	1971	1411.178	M 5997538.986	M 95826.733	54- 6-10.227	118-32- 5.751	1-11-12.595	1.000013	0.999792	83L	120
P-83L-50	1971	1386.523	M 5998549.697	M 96045.942	54- 6-42.762	118-31-52.535	1-11-23.790	1.000013	0.999796	83L	120
P-83L-51	1971	1398.304	M 5998676.688	M 95984.436	54- 6-46.909	118-31-55.775	1-11-21.227	1.000013	0.999794	83L	120
P-83L-52	1971	1399.136	M 5998992.320	M 95894.436	54- 6-57.176	118-32- 0.368	1-11-17.660	1.000013	0.999794	83L	120
P-83L-53	1971	1397.237	M 5999441.729	M 96213.610	54- 7-11.493	118-31-42.286	1-11-32.526	1.000014	0.999795	83L	120
P-83L-54	1971	1395.777	M 5999513.310	M 96224.913	54- 7-13.800	118-31-41.582	1-11-33.132	1.000014	0.999795	83L	120
P-83L-55	1971	1349.810	M 6015214.057	M 184032.175	54-15-35.983	118-24-12.336	1-17-45.343	1.000033	0.999821	83L	120
P-83L-56	1971	944.580	M 6013116.745	M 94973.893	54-14-34.504	118-32-13.000	1-10-56.405	1.000011	0.999823	83L	120
P-83L-57	1971	939.700	M 6017181.812	M 96703.860	54-16-44.780	118-30-54.775	1-12-19.714	1.000015	0.999868	83L	120
P-83L-58	1971	1064.060	M 6020732.542	M 96301.639	54-18-36.863	118-31-12.883	1-12- 6.701	1.000014	0.999847	83L	120
P-83L-59	1971	999.740	M 6025087.455	M 97241.424	54-21- 0.032	118-30-15.809	1-12-55.238	1.000016	0.999859	83L	120
P-83L-60	1971	983.890	M 6024020.533	M 95084.182	54-20-26.998	118-32-16.435	1-11-16.721	1.000011	0.999857	83L	120
P-83L-61	1971	1043.330	M 6026026.768	M 95835.510	54-21-31.362	118-31-32.537	1-11-53.355	1.000013	0.999849	83L	120
P-83L-62	1971	1033.580	M 6026584.305	M 96042.149	54-21-49.249	118-31-20.451	1-12- 3.447	1.000013	0.999851	83L	120
P-83L-63	1971	1002.490	M 6027848.942	M 96516.682	54-22-29.817	118-30-52.701	1-12-26.614	1.000014	0.999857	83L	120
P-83L-64	1971	967.740	M 6027684.705	M 96455.055	54-22-24.548	118-30-56.306	1-12-23.604	1.000014	0.999863	83L	120
P-83L-65	1971	973.530	M 6027491.864	M 96525.113	54-22-18.265	118-30-52.651	1-12-26.480	1.000014	0.999862	83L	120
P-83L-66	1971	1036.020	M 6028172.623	M 96280.394	54-22-40.443	118-31- 5.411	1-12-16.442	1.000014	0.999851	83L	120
P-83L-67	1971	1038.450	M 6028305.008	M 96231.523	54-22-44.757	118-31- 7.963	1-12-14.433	1.000014	0.999851	83L	120
P-83L-68	1971	1029.920	M 6028506.757	M 96160.822	54-22-51.328	118-31-11.645	1-12-11.538	1.000013	0.999852	83L	120
P-83L-69	1971	1064.360	M 6028618.104	M 96454.872	54-22-54.729	118-30-55.227	1-12-24.937	1.000014	0.999847	83L	120
P-83L-70	1971	1067.410	M 6028657.892	M 96548.286	54-22-55.951	118-30-50.006	1-12-29.200	1.000014	0.999847	83L	120
P-83L-71	1971	1058.570	M 6028707.193	M 96665.999	54-22-57.465	118-30-43.428	1-12-34.570	1.000015	0.999849	83L	120
P-83L-72	1971	997.490	M 6028986.449	M 97304.376	54-23- 6.057	118-30- 7.738	1-13- 3.716	1.000016	0.999860	83L	120
P-83L-73	1971	929.950	M 6030437.448	M 96731.710	54-23-53.365	118-30-37.762	1-12-40.023	1.000015	0.999869	83L	120
P-83L-74	1971	1047.290	M 6030788.702	M 97597.869	54-24- 4.128	118-29-49.350	1-13-19.552	1.000017	0.999853	83L	120
P-83L-75	1971	1055.830	M 6031180.334	M 98522.101	54-24-16.150	118-28-57.665	1-14- 1.766	1.000019	0.999854	83L	120
P-83L-76	1971	1053.990	M 6031332.289	M 98875.507	54-24-20.816	118-28-37.897	1-14-17.913	1.000020	0.999855	83L	120
P-83L-77	1971	1051.560	M 6031377.689	M 98980.418	54-24-22.211	118-28-32.028	1-14-22.707	1.000020	0.999855	83L	120
P-83L-78	1971	955.550	M 6032080.170	M 96083.376	54-24-46.922	118-31-11.776	1-12-13.170	1.000013	0.999864	83L	120
P-83L-79	1971	962.860	M 6035990.761	M 94532.665	54-26-54.411	118-32-33.252	1-11- 8.794	1.000010	0.999859	83L	120
P-83L-80	1971	965.300	M 6036732.256	M 94481.312	54-27-18.420	118-32-35.250	1-11- 7.523	1.000009	0.999858	83L	120
P-83L-81	1971	968.350	M 6036660.594	M 94408.690	54-27-16.152	118-32-39.363	1-11- 4.143	1.000009	0.999858	83L	120
P-83L-82	1971	975.670	M 6036422.590	M 94224.370	54-27- 8.579	118-32-49.862	1-10-55.487	1.000009	0.999856	83L	120
P-83L-83	1971	976.880	M 6036109.323	M 93976.194	54-26						

P-83L-100	1971	970.500	M	6041414.873	M	80003.419	54-29-58.785	118-45-54.148	1- 0-19.469	0.999978	0.999827	83L	120
P-83L-101	1971	965.910	M	6041833.770	M	80128.078	54-30-12.259	118-45-46.813	1- 0-25.610	0.999979	0.999827	83L	120
P-83L-102	1971	955.550	M	6042192.101	M	80241.617	54-30-23.782	118-45-40.154	1- 0-31.176	0.999979	0.999829	83L	120
P-83L-103	1971	955.550	M	6045821.610	M	82103.207	54-32-20.072	118-43-53.077	1- 1-59.854	0.999983	0.999833	83L	120
P-83L-104	1971	922.330	M	6047564.480	M	83159.872	54-33-15.808	118-42-52.546	1- 2-49.885	0.999985	0.999840	83L	120
P-83L-105	1971	930.860	M	6048329.258	M	83325.961	54-33-40.440	118-42-42.527	1- 2-58.368	0.999985	0.999839	83L	120
P-83L-106	1971	922.330	M	6049348.950	M	83515.461	54-34-13.299	118-42-30.942	1- 3- 8.237	0.999986	0.999841	83L	120
P-83L-107	1971	918.360	M	6049629.211	M	83566.077	54-34-22.331	118-42-27.838	1- 3-10.884	0.999986	0.999842	83L	120
P-83L-108	1971	832.410	M	6051413.425	M	83912.073	54-35-19.818	118-41- 6.748	1- 4-17.728	0.999986	0.999856	83L	120
P-83L-109	1971	813.510	M	6053345.682	M	84337.111	54-36-22.043	118-41-41.085	1- 3-50.563	0.999987	0.999860	83L	120
P-83L-110	1971	914.100	M	6062584.434	M	85023.416	54-41-20.358	118-40-53.198	1- 4-33.573	0.999989	0.999846	83L	120
P-83L-111	1971	861.670	M	6069880.662	M	84906.544	54-45-16.345	118-40-52.067	1- 4-37.634	0.999988	0.999853	83L	120
P-83L-112	1971	692.510	M	6078445.326	M	86306.850	54-49-52.411	118-39-24.614	1- 5-52.789	0.999991	0.999883	83L	120
P-83L-113	1971	685.800	M	6078621.371	M	85992.988	54-49-58.297	118-39-42.005	1- 5-38.652	0.999991	0.999883	83L	120
P-83L-114	1971	686.720	M	6079594.948	M	84736.348	54-50-30.546	118-40-51.364	1- 4-42.377	0.999988	0.999881	83L	120
P-83L-115	1971	690.980	M	6080779.184	M	84736.998	54-51- 8.836	118-40-50.078	1- 4-43.936	0.999988	0.999880	83L	120
P-83L-116	1971	666.900	M	6084378.832	M	84701.535	54-53- 5.246	118-40-48.264	1- 4-46.963	0.999988	0.999884	83L	120
P-83L-117	1971	665.380	M	6085097.415	M	84201.435	54-53-28.784	118-41-15.556	1- 4-24.947	0.999987	0.999883	83L	120
P-83L-118	1971	664.770	M	6084999.446	M	84265.393	54-53-25.577	118-41-12.072	1- 4-27.755	0.999987	0.999883	83L	120
P-83L-119	1971	666.900	M	6085528.648	M	82568.494	54-53-43.707	118-42-46.708	1- 3-10.569	0.999984	0.999879	83L	120
P-83L-120	1971	678.790	M	6085804.766	M	82083.155	54-53-52.922	118-43-13.652	1- 2-48.643	0.999983	0.999876	83L	120
P-83L-121	1971	682.140	M	6086118.341	M	81591.673	54-54- 3.351	118-43-40.906	1- 2-26.478	0.999982	0.999875	83L	120
P-83L-122	1971	689.150	M	6086408.917	M	81035.138	54-54-13.072	118-44-11.837	1- 2- 1.294	0.999981	0.999873	83L	120
P-83L-123	1971	670.260	M	6086946.777	M	80573.163	54-54-30.732	118-44-37.218	1- 1-40.749	0.999980	0.999875	83L	120
P-83L-124	1971	669.040	M	6088168.646	M	80043.960	54-55-10.546	118-45- 5.693	1- 1-17.948	0.999979	0.999874	83L	120
P-83L-125	1971	676.960	M	6088617.656	M	79408.644	54-55-25.429	118-45-40.908	1- 0-49.313	0.999977	0.999871	83L	120
P-83L-126	1971	675.130	M	6088958.403	M	79039.945	54-55-36.657	118-46- 1.271	1- 0-32.787	0.999977	0.999871	83L	120
P-83L-127	1971	679.090	M	6089134.703	M	78563.556	54-55-42.628	118-46-27.844	1- 0-11.111	0.999976	0.999869	83L	120
P-83L-128	1971	681.530	M	6089424.984	M	78457.836	54-55-52.074	118-46-33.494	1- 0- 6.603	0.999975	0.999869	83L	120
P-83L-129	1971	683.060	M	6089904.036	M	78099.376	54-56- 7.766	118-46-53.153	0-59-50.704	0.999975	0.999868	83L	120
P-83L-130	1971	677.270	M	6090270.390	M	77847.075	54-56-19.753	118-47- 6.965	0-59-39.544	0.999974	0.999867	83L	120
P-83L-131	1971	675.740	M	6090184.356	M	77704.506	54-56-17.051	118-47-15.055	0-59-32.889	0.999974	0.999868	83L	120
P-83L-132	1971	742.800	M	6089490.527	M	76658.592	54-55-55.199	118-48-14.459	0-58-44.002	0.999972	0.999856	83L	120
P-83L-133	1971	745.850	M	6088754.947	M	76908.099	54-55-31.276	118-48- 1.157	0-58-54.601	0.999973	0.999856	83L	120
P-83L-134	1971	718.110	M	6088032.060	M	77198.328	54-55- 7.741	118-47-45.561	0-59- 7.081	0.999973	0.999861	83L	120
P-83L-135	1971	698.600	M	6086933.019	M	77043.135	54-54-32.290	118-47-55.331	0-58-58.659	0.999973	0.999863	83L	120
P-83L-136	1971	691.290	M	608606.0324	M	76970.973	54-54- 4.112	118-48- 0.220	0-58-54.319	0.999973	0.999864	83L	120
P-83L-137	1971	677.270	M	6084324.372	M	76988.567	54-53- 7.971	118-48- 0.902	0-58-53.085	0.999973	0.999867	83L	120
P-83L-138	1971	682.750	M	6082861.854	M	76392.517	54-52-21.010	118-48-35.726	0-58-24.037	0.999972	0.999865	83L	120
P-83L-139	1971	720.850	M	6081052.659	M	76886.378	54-51-22.238	118-48- 9.770	0-58-44.559	0.999972	0.999860	83L	120
P-83L-140	1971	719.630	M	6080738.425	M	77048.883	54-51-11.988	118-48- 0.964	0-58-51.637	0.999973	0.999860	83L	120
P-83L-141	1971	696.160	M	6080078.670	M	77396.621	54-50-50.462	118-47-42.112	0-59- 6.792	0.999973	0.999864	83L	120
P-83L-142	1971	700.740	M	6078096.891	M	76717.440	54-49-46.757	118-48-22.061	0-58-33.363	0.999972	0.999862	83L	120
P-83L-143	1971	744.020	M	6076030.733	M	77562.893	54-48-39.480	118-47-36.700	0-59- 9.628	0.999974	0.999857	83L	120
P-83L-144	1971	780.590	M	6072834.851	M	77760.441	54-46-56.031	118-47-28.725	0-59-14.888	0.999974	0.999852	83L	120
P-83L-145	1971	841.550	M	6070283.580	M	78251.047	54-45-33.262	118-47- 3.752	0-59-34.278	0.999975	0.999843	83L	120
P-83L-146	1971	857.400	M	6068781.799	M	78601.389	54-44-44.505	118-46-45.625	0-59-48.484	0.999976	0.999842	83L	120
P-83L-147	1971	836.680	M	6066621.761	M	79045.225	54-43-34.409	118-46-22.929	1- 0- 6.152	0.999977	0.999846	83L	120
P-83L-148	1971	860.760	M	6066182.996	M	78615.715	54-43-20.464	118-46-47.351	0-59-46.041	0.999976	0.999841	83L	120
P-83L-149	1971	947.320	M	6063564.236	M	79203.069	54-41-55.454	118-46-17.101	1- 0- 9.684	0.999977	0.999829	83L	120
P-83L-150	1971	954.330	M	6063284.792	M	79266.238	54-41-46.383	118-46-13.848	1- 0-12.226	0.999977	0.999828	83L	120
P-83L-151	1971	925.980	M	6062452.350	M	79452.615	54-41-19.360	118-46- 4.259	1- 0-19.716	0.999977	0.999832	83L	120
P-83L-152	1971	934.820	M	6062739.982	M	79753.070	54-41-28.490	118-45-47.207	1- 0-33.746	0.999978	0.999832	83L	120
P-83L-153	1971	934.210	M	6062819.555	M	79841.487	54-41-31.012	118-45-42.193	1- 0-37.869	0.999978	0.999832	83L	120
P-83L-154	1971	882.700	M	6063459.823	M	80525.460	54-41-51.323	118-45- 3.379	1- 1- 9.801	0.999980	0.999841	83L	120
P-83L-155	1971	937.260	M	6062041.836	M	82260.616	54-41- 4.464	118-43-27.951	1- 2-27.081	0.999983	0.999836	83L	120
P-83L-156	1971	930.550	M	6061702.589	M	82675.895	54-40-53.250	118-43- 5.120	1- 2-45.566	0.999984	0.999838	83L	120
P-83L-157	1971	925.070	M	6061597.158	M	82879.770	54-40-49.768	118-42-58.371	1- 2-51.028	0.999984	0.999839	83L	120
P-83L-158	1971	814.430	M	6059713.789	M	84844.119	54-39-47.647	118-41- 6.206	1- 4-21.728	0.999988	0.999861	83L	120
P-83L-164	1977	1326.700	M	6017747.337	M	105514.585	54-16-56.797	118-22-47.258	1-18-55.738	1.000037	0.999829	83L	120
P-83L-165	1977	1298.300	M	6022334.008	M	106758.363	54-19-24.162	118-21-32.638	1-19-58.789	1.000040	0.999836	83L	120
P-83L-166	1977	1287.900	M	6022480.461	M	106447.250	54-19-29.131	118-21-49.657	1-19-45.046	1.000039	0.999837	83L	120
P-83L-167	1977	980.300	M	6025830.610	M	107641.056	54-21-16.544	118-20-39.275	1-20-44.033	1.000042	0.999889	83L	120
P-83L-168	1977	980.330	M	6028896.316	M	104286.585	54-22-58.172	118-23-41.085	1-18-17.936	1.000033	0.999844	83L	120
P-83L-169	1977	890.500	M	6038438.787	M	114952.045	54-27-58.411	118-13-37.063	1-26-34.402	1.000062	0.999923	83L	120
P-83L-170	1977	894.400	M	6041102.632	M	116394.244	54-29-23.346	118-12-13.252	1-27-44.158	1.000066	0.999926	83L	120
P-83L-171	1977	857.400	M	6044923.345	M	119144.889	54-31-24.556	118- 9-34.961	1-29-55.280	1.000074	0.999940	83L	120
P-83L-172	1977	864.808	M	6045341.828	M	119038.123	54-31-38.175	118- 9-40.287	1-29-51.196	1.000074	0.999938	83L	120
P-83L-173	1977	851.400	M	6045865.909	M	118989.736	54-31-55.158	118- 9-42.214	1-29-49.943	1.000074	0.999940	83L	120
P-83L-174	1977	853.200	M	6046262.136	M	118803.218	54-32- 8.124	118- 9-52.007	1-29-42.207	1.000073	0.999939	83L	120
P-83L-175	1977	835.400	M	6046959.681	M	118681.635	54-32-30.776	118- 9-57.754	1-29-37.947	1.000073	0.999939	83L	120
P-83L-176	1977	852.000	M	6047415.915	M	119070.464	54-32-45.196	118- 9-35.472	1-29-				

P-83L-203	1977	768.610	M	6065606.100	M	104867.055	54-42-44.586	118-22-21.874	1-19-41.876	1.000035	0.999914	83L	120
P-83L-204	1977	795.833	M	6068676.433	M	103055.588	54-44-25.196	118-23-59.113	1-18-24.121	1.000030	0.999906	83L	120
P-83L-205	1977	785.810	M	6069920.013	M	102284.370	54-45- 5.968	118-24-40.632	1-17-50.869	1.000028	0.999905	83L	120
P-83L-206	1977	739.690	M	6071080.876	M	101597.817	54-45-44.000	118-25-17.546	1-17-21.325	1.000027	0.999911	83L	120
P-83L-207	1977	743.220	M	6071356.672	M	100961.794	54-45-53.378	118-25-52.759	1-16-52.711	1.000025	0.999909	83L	120
P-83L-208	1977	742.190	M	6071747.452	M	100053.259	54-46- 6.666	118-26-43.072	1-16-11.821	1.000023	0.999907	83L	120
P-83L-209	1977	731.760	M	6072146.075	M	99127.916	54-46-20.214	118-27-34.324	1-15-30.165	1.000021	0.999906	83L	120
P-83L-210	1977	722.100	M	6074880.818	M	96980.582	54-47-50.139	118-29-31.121	1-13-56.116	1.000015	0.999902	83L	120
P-83L-211	1977	728.170	M	6077071.195	M	95526.990	54-49- 1.960	118-30-49.862	1-12-52.846	1.000012	0.999898	83L	120
P-83L-212	1977	721.460	M	6077516.178	M	95238.181	54-49-16.545	118-31- 5.504	1-12-40.278	1.000011	0.999898	83L	120
P-83L-213	1977	711.980	M	6078007.289	M	93991.418	54-49-33.270	118-32-14.739	1-11-43.931	1.000008	0.999897	83L	120
P-83L-214	1977	703.892	M	6078197.663	M	93616.973	54-49-39.677	118-32-35.486	1-11-27.065	1.000007	0.999897	83L	120
P-83L-215	1977	687.840	M	6078231.841	M	88398.807	54-49-44.192	118-37-27.679	1- 7-28.270	0.999996	0.999888	83L	120
P-83L-216	1977	699.330	M	6078316.318	M	87772.223	54-49-47.319	118-38- 2.678	1- 6-59.702	0.999994	0.999885	83L	120
P-83L-217	1977	703.050	M	6078392.070	M	87160.085	54-49-50.153	118-38-36.879	1- 6-31.782	0.999993	0.999883	83L	120
P-83L-218	1977	698.270	M	6078434.777	M	86846.614	54-49-51.730	118-38-54.389	1- 6-17.489	0.999992	0.999883	83L	120
P-83L-219	1977	684.510	M	6078975.213	M	86422.544	54-50- 9.467	118-39-17.560	1- 5-58.787	0.999992	0.999884	83L	120
P-83L-220	1977	686.010	M	6078635.406	M	85870.987	54-49-58.822	118-39-48.818	1- 5-33.089	0.999990	0.999883	83L	120
P-83L-221	1977	683.030	M	6078842.462	M	85726.084	54-50- 5.606	118-39-56.714	1- 5-26.725	0.999990	0.999883	83L	120
P-83L-222	1979	1123.300	M	6016770.314	M	10149.266	54-17- 4.015	119-50-38.959	0- 7-35.523	0.999990	0.999725	83L	120
P-83L-223	1979	1251.420	M	6020218.763	M	12010.982	54-18-55.409	119-48-55.547	0- 8-59.696	0.999902	0.999706	83L	120
P-83L-224	1979	1622.970	M	6025078.905	M	16432.012	54-21-32.164	119-44-50.010	0-12-19.534	0.999903	0.999649	83L	120
P-83L-225	1979	1983.880	M	6014867.367	M	6617.854	54-16- 2.672	119-53-54.325	0- 4-56.837	0.999901	0.999590	83L	120
P-83L-226	1980	2068.000	M	6066741.451	M	3598.129	54-11-39.946	119-56-41.535	0- 2-40.956	0.999900	0.999576	83L	120
P-83L-227	1980	2019.900	M	6003672.197	M	6790.488	54-10- 0.554	119-53-45.696	0- 5- 3.458	0.999901	0.999584	83L	120
P-83L-228	1980	1511.400	M	5998894.681	M	3825.018	54- 7-26.132	119-56-29.378	0- 2-50.664	0.999900	0.999664	83L	120
P-83L-229	1980	2238.500	M	5993753.838	M	1307.638	54- 4-39.892	119-58-48.079	0- 0-58.243	0.999900	0.999550	83L	120
P-83L-230	1983	1573.530	M	5986381.569	M	56773.904	54- 0-30.203	119- 8- 2.348	0-42- 2.518	0.999940	0.999693	83L	120
P-83L-231	1983	1037.160	M	5986891.033	M	62208.861	54- 0-44.427	119- 3- 3.563	0-46- 4.410	0.999947	0.999785	83L	120
P-83L-232	1983	925.883	M	5989173.532	M	62405.713	54- 1-58.162	119- 2-51.068	0-46-15.240	0.999948	0.999803	83L	120
P-83L-233	1983	954.877	M	5992146.376	M	63892.572	54- 3-33.654	119- 1-27.132	0-47-24.131	0.999950	0.999801	83L	120
P-83L-234	1983	1163.090	M	5995400.075	M	68122.270	54- 5-16.932	118-57-31.988	0-50-35.616	0.999957	0.999775	83L	120
P-83L-235	1983	1564.720	M	5996931.372	M	70519.739	54- 6- 5.293	118-55-18.823	0-52-24.005	0.999961	0.999716	83L	120
P-83L-236	1983	1447.730	M	5996230.878	M	72401.421	54- 5-41.699	118-53-35.886	0-53-47.125	0.999964	0.999738	83L	120
P-83L-237	1983	919.530	M	5994119.548	M	76157.244	54- 4-31.470	118-50-11.166	0-56-32.116	0.999971	0.999827	83L	120
P-83L-238	1983	1256.180	M	5998666.342	M	76350.741	54- 6-58.407	118-49-56.398	0-56-45.831	0.999971	0.999775	83L	120
P-83L-239	1983	1314.310	M	6003678.063	M	80761.425	54- 9-38.054	118-45-48.797	1- 8- 8.465	0.999980	0.999774	83L	120
P-83L-240	1983	1301.670	M	6005686.844	M	84095.677	54-10-41.087	118-42-43.060	1- 2-39.871	0.999987	0.999783	83L	120
P-83L-241	1983	1308.170	M	6007648.237	M	86310.601	54-11-43.189	118-40-38.943	1- 4-21.353	0.999991	0.999787	83L	120
P-83L-242	1983	1269.380	M	6010907.595	M	89633.336	54-13-26.534	118-37-32.214	1- 6-54.250	0.999999	0.999800	83L	120
P-83L-243	1983	1228.039	M	6014161.917	M	93219.511	54-15- 9.460	118-34-10.684	1- 9-39.263	1.000007	0.999814	83L	120
P-83L-244	1983	670.790	M	6097243.427	M	113519.129	54-59-40.560	118-13-34.068	1-27-10.842	1.000058	0.999953	83L	120
P-83L-245	1983	681.740	M	6097041.612	M	113312.646	54-59-34.205	118-13-45.965	1-27- 0.983	1.000057	0.999951	83L	120
P-83L-246	1983	685.840	M	6096014.294	M	112312.872	54-59- 1.811	118-14-43.624	1-26-13.183	1.000055	0.999947	83L	120
P-83L-247	1983	685.440	M	6095521.848	M	111825.507	54-58-46.286	118-15-11.710	1-25-49.908	1.000053	0.999946	83L	120
P-83L-248	1983	688.710	M	6095262.127	M	111808.686	54-58-37.904	118-15-13.020	1-25-48.688	1.080053	0.999945	83L	120
P-83L-249	1983	689.920	M	6095054.101	M	111834.739	54-58-31.158	118-15-11.848	1-25-49.530	1.000053	0.999945	83L	120
P-83L-250	1983	689.580	M	6094738.099	M	111693.846	54-58-21.057	118-15-20.208	1-25-42.507	1.000053	0.999945	83L	120
P-83L-251	1983	683.890	M	6094340.304	M	111847.519	54-58- 8.074	118-15-12.131	1-25-48.894	1.000053	0.999946	83L	120
P-83L-252	1983	675.820	M	6093718.382	M	111853.733	54-57-47.964	118-15-12.654	1-25-48.114	1.000053	0.999948	83L	120
P-83L-253	1983	676.650	M	6093274.743	M	112110.305	54-57-33.416	118-14-58.863	1-25-59.152	1.000054	0.999948	83L	120
P-83L-254	1983	672.570	M	6092925.965	M	112149.432	54-57-22.109	118-14-57.156	1-26- 0.351	1.000054	0.999949	83L	120
P-83L-255	1983	674.910	M	6092390.954	M	111972.160	54-57- 4.958	118-15- 7.864	1-25-51.283	1.000054	0.999948	83L	120
P-83L-256	1983	683.590	M	6091912.529	M	111587.934	54-56-49.802	118-15-30.113	1-25-32.803	1.000053	0.999946	83L	120
P-83L-257	1983	690.841	M	6091714.531	M	111574.995	54-56-43.412	118-15-31.116	1-25-31.870	1.000053	0.999944	83L	120
P-83L-258	1983	692.510	M	6091397.559	M	111527.138	54-56-33.204	118-15-34.247	1-25-29.129	1.000053	0.999944	83L	120
P-83L-259	1983	714.270	M	6090827.042	M	111688.647	54-56-14.631	118-15-25.975	1-25-35.576	1.000053	0.999941	83L	120
P-83L-260	1983	720.290	M	6090498.842	M	111745.875	54-56- 3.975	118-15-23.221	1-25-37.644	1.000053	0.999940	83L	120
P-83L-261	1983	696.520	M	6088652.319	M	112360.811	54-55- 3.787	118-14-51.294	1-26- 2.721	1.000055	0.999946	83L	120
P-83L-262	1983	702.425	M	6087667.679	M	112593.247	54-54-31.769	118-14-39.636	1-26-11.697	1.000055	0.999945	83L	120
P-83L-263	1983	690.920	M	6087672.805	M	113179.879	54-54-31.458	118-14- 6.716	1-26-38.630	1.000057	0.999949	83L	120
P-83L-264	1983	694.160	M	6086783.967	M	113202.356	54-54- 2.707	118-14- 6.712	1-26-38.125	1.000057	0.999948	83L	120
P-83L-265	1983	698.600	M	6085503.100	M	113239.575	54-53-21.271	118-14- 6.435	1-26-37.617	1.000057	0.999948	83L	120
P-83L-266	1983	702.650	M	6081903.804	M	113351.267	54-51-24.828	118-14- 5.259	1-26-36.515	1.000058	0.999948	83L	120
P-83L-267	1983	673.570	M	6097471.078	M	113289.536	54-59-48.107	118-13-46.653	1-27- 0.666	1.000057	0.999952	83L	120
P-83L-268	1987	1300.740	M	5986728.319	M	-79838.605	54- 0-30.440	118-13- 4.284	1-26-31.124	0.999978	0.999774	83L	120
P-83L-269	1987	1311.310	M	5987422.149	M	-79077.378	54- 0-53.300	118-12-23.142	1-27- 4.836	0.999977	0.999771	83L	120
P-83L-270	1987	1345.040	M	5986471.513	M	-79101.745	54- 0-22.544	118-12-23.590	1-27- 3.907	0.999977	0.999766	83L	120
P-83L-271	1987	1315.030	M	5987741.963	M	-78714.806	54- 1- 3.842	118-12- 3.531	1-27-20.900	0.999976	0.999770	83L	120
P-83L-272	1987	1266.360	M	5989756.927	M	-76467.681	54- 2-10.220	118-10- 1.957	1-29- 0.533	0.999972	0.999773	83L	120
P-83L-273	1987	1351.680	M	5989674.266	M	-74012.857	54- 2- 8.835	118- 7-47.020	1-30-49.733	0.999967	0.999756	83L	120
P-83L-274	1987	1354.960	M	5989663.066	M	-73771.920	54- 2						