

30-015-41795

MD	INC	AZI	Course Length	TVD	Subsea Depth	N/-S	E/-W	X	Y	Lat	Long	Dogleg Severity
0	0	0	0	0	3638	0	0	679484.1	624228.8	32° 42' 54.1	103° 53' 2.1	0
100	0.54	231.49	100	99.9985	3538.002	-0.2934	-0.3687	679483.7	624228.5	32° 42' 54.1	103° 53' 2.1	0.54
200	0.71	218.78	100	199.9926	3438.007	-1.0698	-1.1255	679482.9	624227.7	32° 42' 54.1	103° 53' 2.1	0.22
300	0.82	245.61	100	299.984	3338.016	-1.8483	-2.1653	679481.9	624226.9	32° 42' 54.1	103° 53' 3.1	0.37
400	0.84	219.6	100	399.9738	3238.026	-2.7086	-3.2843	679480.8	624226.1	32° 42' 54.1	103° 53' 3.1	0.37
500	0.99	248.45	100	499.9616	3138.038	-3.5907	-4.555	679479.5	624225.2	32° 42' 54.1	103° 53' 3.1	0.48
600	1.01	235.86	100	599.9465	3038.054	-4.4027	-6.088	679478	624224.4	32° 42' 54.1	103° 53' 3.1	0.22
681	0.88	246.6	81	680.9355	2957.065	-5.0503	-7.2497	679476.8	624223.7	32° 42' 54.1	103° 53' 3.1	0.27
752	0.97	240.74	71	751.9263	2886.074	-5.5606	-8.2744	679475.8	624223.2	32° 42' 54.1	103° 53' 3.1	0.18
782	0.97	242.9	30	781.922	2856.078	-5.8004	-8.722	679475.3	624223	32° 42' 54.1	103° 53' 3.1	0.12
872	0.62	10.14	90	871.9176	2766.082	-5.6681	-9.3144	679474.8	624223.1	32° 42' 54.1	103° 53' 3.1	1.59
966	2.2	354.21	94	965.8864	2672.114	-3.3723	-9.4069	679474.7	624225.4	32° 42' 54.1	103° 53' 3.1	1.72
1056	5.01	36.13	90	1055.712	2582.288	1.5221	-7.2633	679476.8	624230.3	32° 42' 54.1	103° 53' 3.1	4.09
1147	3.52	44.24	91	1146.458	2491.542	6.7331	-2.9712	679481.1	624235.5	32° 42' 54.1	103° 53' 3.1	1.76
1239	2.73	47.72	92	1238.321	2399.679	10.2305	0.6202	679484.7	624239	32° 42' 54.1	103° 53' 2.1	0.88
1331	5.01	29.63	92	1330.108	2307.892	15.1972	4.2279	679488.3	624244	32° 42' 55.1	103° 53' 2.1	2.78
1423	6.16	37.16	92	1421.671	2216.329	22.6232	9.1958	679493.3	624251.4	32° 42' 55.1	103° 53' 2.1	1.48
1515	4.66	39.75	92	1513.259	2124.741	29.4306	14.5674	679498.6	624258.2	32° 42' 55.1	103° 53' 2.1	1.65
1608	4.75	41.83	93	1605.946	2032.054	35.2043	19.5511	679503.6	624264	32° 42' 55.1	103° 53' 2.1	0.21
1703	4.57	39.29	95	1700.632	1937.368	41.0644	24.571	679508.6	624269.8	32° 42' 55.1	103° 53' 2.1	0.29
1797	4.92	40.19	94	1794.309	1843.691	47.042	29.5437	679513.6	624275.8	32° 42' 55.1	103° 53' 2.1	0.38
1892	4.48	43.44	95	1888.99	1749.01	52.848	34.7238	679518.8	624281.6	32° 42' 55.1	103° 53' 2.1	0.54
1986	4.57	41.08	94	1982.697	1655.303	58.3365	39.7089	679523.8	624287.1	32° 42' 55.1	103° 53' 2.1	0.22
2081	4.4	41.51	95	2077.406	1560.594	63.9183	44.611	679528.7	624292.7	32° 42' 55.1	103° 53' 2.1	0.18
2175	4.22	38.08	94	2171.14	1466.86	69.3408	49.1339	679533.2	624298.1	32° 42' 55.1	103° 53' 2.1	0.33
2270	4.13	31.21	95	2265.889	1372.111	75.0181	53.0623	679537.1	624303.8	32° 42' 55.1	103° 53' 2.1	0.53
2364	4.57	29.55	94	2359.618	1278.382	81.1709	56.6632	679540.7	624310	32° 42' 55.1	103° 53' 2.1	0.49
2459	5.1	41.89	95	2454.282	1183.718	87.6068	61.3493	679545.4	624316.4	32° 42' 55.1	103° 53' 2.1	1.23
2553	4.84	38.95	94	2547.929	1090.071	93.8011	66.6319	679550.7	624322.6	32° 42' 55.1	103° 53' 2.1	0.39
2647	5.1	35.33	94	2641.575	996.4247	100.2937	71.5409	679555.6	624329.1	32° 42' 55.1	103° 53' 2.1	0.43
2742	4.75	35.74	95	2736.224	901.7756	106.9312	76.2802	679560.4	624335.7	32° 42' 55.1	103° 53' 2.1	0.37
2836	4.92	33.52	94	2829.89	808.11	113.4508	80.7796	679564.8	624342.2	32° 42' 55.1	103° 53' 2.1	0.27

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2931	5.19	38.22	95	2924.521	713.4792	120.2229	85.6876	679569.8	624349 32° 42' 56.0 103° 53' 1.0	0.52
3025	5.28	39.78	94	3018.129	619.8712	126.8869	91.0854	679575.2	624355.7 32° 42' 56.0 103° 53' 1.0	0.18
3120	5.36	39.93	95	3112.72	525.2805	133.6487	96.7302	679580.8	624362.4 32° 42' 56.0 103° 53' 1.0	0.09
3214	5.72	40.53	94	3206.28	431.7197	140.5758	102.5923	679586.7	624369.4 32° 42' 56.0 103° 53' 1.0	0.39
3309	5.54	39.26	95	3300.822	337.1779	147.7247	108.5708	679592.6	624376.5 32° 42' 56.0 103° 53' 1.0	0.23
3403	5.54	40.65	94	3394.383	243.617	154.6805	114.3981	679598.5	624383.5 32° 42' 56.0 103° 53' 1.0	0.14
3497	5.28	41.44	94	3487.964	150.0358	161.3654	120.2164	679604.3	624390.1 32° 42' 56.0 103° 53' 1.0	0.29
3592	5.19	39.4	95	3582.568	55.4319	167.9624	125.8367	679609.9	624396.7 32° 42' 56.0 103° 53' 1.0	0.22
3686	5.36	34.41	94	3676.17	-38.1704	174.87	131.0164	679615.1	624403.7 32° 42' 56.0 103° 53' 1.0	0.52
3781	4.31	41.14	95	3770.832	-132.832	181.2193	135.8726	679619.9	624410 32° 42' 56.0 103° 53' 1.0	1.25
3875	4.13	39.15	94	3864.577	-226.577	186.5044	140.3335	679624.4	624415.3 32° 42' 56.0 103° 53' 1.0	0.25
3970	4.13	38.03	95	3959.33	-321.33	191.8519	144.6009	679628.7	624420.6 32° 42' 56.0 103° 53' 1.0	0.08
4064	4.13	37.71	94	4053.086	-415.086	197.1961	148.7567	679632.8	624426 32° 42' 56.0 103° 53' 1.0	0.02
4081	4.13	37.85	17	4070.042	-432.042	198.1638	149.5067	679633.6	624426.9 32° 42' 56.0 103° 53' 1.0	0.06
4494	2.73	44.74	413	4482.294	-844.294	216.8943	165.5562	679649.6	624445.7 32° 42' 57.0 103° 53' 1.0	0.35
4589	2.64	40.33	95	4577.19	-939.19	220.1692	168.5646	679652.6	624448.9 32° 42' 57.0 103° 53' 1.0	0.24
4683	2.9	37.61	94	4671.08	-1033.08	223.7032	171.4168	679655.5	624452.5 32° 42' 57.0 103° 53' 0.0	0.31
4777	1.93	45.13	94	4764.995	-1127	226.7037	173.9899	679658.1	624455.5 32° 42' 57.0 103° 53' 0.0	1.08
4872	1.76	35.22	95	4859.946	-1221.95	229.0241	175.965	679660	624457.8 32° 42' 57.0 103° 53' 0.0	0.38
4966	0.88	23.33	94	4953.921	-1315.92	230.8663	177.0834	679661.2	624459.6 32° 42' 57.0 103° 53' 0.0	0.98
5061	0.88	14.44	95	5048.909	-1410.91	232.2426	177.5542	679661.6	624461 32° 42' 57.0 103° 53' 0.0	0.14
5155	0.88	357.17	94	5142.898	-1504.9	233.6626	177.6986	679661.8	624462.4 32° 42' 57.0 103° 53' 0.0	0.28
5250	0.79	222.5	95	5237.894	-1599.89	233.9084	177.2201	679661.3	624462.7 32° 42' 57.0 103° 53' 0.0	1.62
5344	1.32	212.53	94	5331.878	-1693.88	232.5178	176.2001	679660.3	624461.3 32° 42' 57.0 103° 53' 0.0	0.59
5438	1.76	212.34	94	5425.844	-1787.84	230.3853	174.8456	679658.9	624459.2 32° 42' 57.0 103° 53' 0.0	0.47
5533	1.67	223.76	95	5520.801	-1882.8	228.1529	173.1078	679657.2	624456.9 32° 42' 57.0 103° 53' 0.0	0.37
5627	1.49	223.7	94	5614.766	-1976.77	226.2801	171.3161	679655.4	624455.1 32° 42' 57.0 103° 53' 0.0	0.19
5722	1.58	222.71	95	5709.732	-2071.73	224.4248	169.5744	679653.6	624453.2 32° 42' 57.0 103° 53' 0.0	0.1
5816	1.49	222.56	94	5803.698	-2165.7	222.5724	167.8688	679651.9	624451.4 32° 42' 57.0 103° 53' 1.0	0.1
5911	1.58	214.24	95	5898.664	-2260.66	220.5799	166.2965	679650.4	624449.4 32° 42' 57.0 103° 53' 1.0	0.25
6005	0.53	239.97	94	5992.647	-2354.65	219.291	165.1909	679649.3	624448.1 32° 42' 57.0 103° 53' 1.0	1.2
6100	0.26	230.3	95	6087.645	-2449.64	218.9334	164.6447	679648.7	624447.7 32° 42' 57.0 103° 53' 1.0	0.29
6194	0.18	293.22	94	6181.644	-2543.64	218.8554	164.3449	679648.4	624447.6 32° 42' 57.0 103° 53' 1.0	0.25
6288	0.26	49.47	94	6275.644	-2637.64	219.0522	164.3713	679648.4	624447.8 32° 42' 57.0 103° 53' 1.0	0.4
6383	0.26	8.05	95	6370.643	-2732.64	219.4057	164.5653	679648.6	624448.2 32° 42' 57.0 103° 53' 1.0	0.19

6478	0.26	342.48	95	6465.642	-2827.64	219.8247	164.5306	679648.6	624448.6	32° 42' 57.1103° 53' 1.0	0.12
6572	0.35	354.05	94	6559.64	-2921.64	220.3136	164.4367	679648.5	624449.1	32° 42' 57.1103° 53' 1.0	0.12
6667	0.7	7.97	95	6654.636	-3016.64	221.1769	164.487	679648.6	624450	32° 42' 57.1103° 53' 1.0	0.39
6761	0.79	0.03	94	6748.628	-3110.63	222.3936	164.567	679648.6	624451.2	32° 42' 57.1103° 53' 1.0	0.15
6856	0.79	16.87	95	6843.62	-3205.62	223.6752	164.7574	679648.8	624452.5	32° 42' 57.1103° 53' 1.0	0.24
6950	0.97	358.43	94	6937.609	-3299.61	225.0907	164.9236	679649	624453.9	32° 42' 57.1103° 53' 1.0	0.35
7045	1.06	3.2	95	7032.594	-3394.59	226.7719	164.9507	679649	624455.6	32° 42' 57.1103° 53' 1.0	0.13
7140	1.14	2.46	95	7127.576	-3489.58	228.5934	165.0403	679649.1	624457.4	32° 42' 57.1103° 53' 1.0	0.09
7234	1.41	2.98	94	7221.553	-3583.55	230.6826	165.1405	679649.2	624459.5	32° 42' 57.1103° 53' 1.0	0.29
7329	1.41	356.58	95	7316.524	-3678.52	233.0166	165.1316	679649.2	624461.8	32° 42' 57.1103° 53' 1.0	0.17
7424	0.88	22.01	95	7411.505	-3773.51	234.8597	165.3353	679649.4	624463.6	32° 42' 57.1103° 53' 1.0	0.76
7518	1.32	61.64	94	7505.489	-3867.49	236.0432	166.5586	679650.6	624464.8	32° 42' 57.1103° 53' 1.0	0.91
7612	1.23	81.17	94	7599.466	-3961.47	236.7124	168.5083	679652.6	624465.5	32° 42' 57.1103° 53' 0.9	0.47
7717	1.06	82.04	105	7704.445	-4066.45	237.0199	170.5837	679654.7	624465.8	32° 42' 57.1103° 53' 0.9	0.16
7801	1.06	65.88	84	7788.431	-4150.43	237.445	172.0624	679656.1	624466.2	32° 42' 57.1103° 53' 0.9	0.35
7896	1.06	52.3	95	7883.415	-4245.41	238.3415	173.5596	679657.6	624467.1	32° 42' 57.1103° 53' 0.9	0.26
7990	1.06	49	94	7977.399	-4339.4	239.4436	174.9038	679659	624468.2	32° 42' 57.1103° 53' 0.9	0.06
8085	1.23	48.82	95	8072.38	-4434.38	240.6914	176.3344	679660.4	624469.5	32° 42' 57.1103° 53' 0.9	0.18
8179	1.49	40.81	94	8166.353	-4528.35	242.2807	177.8925	679662	624471.1	32° 42' 57.1103° 53' 0.9	0.34
8231	1.41	39.09	52	8218.337	-4580.34	243.289	178.7377	679662.8	624472.1	32° 42' 57.1103° 53' 0.9	0.18
8258	1.32	43.89	27	8245.329	-4607.33	243.7709	179.1628	679663.2	624472.6	32° 42' 57.1103° 53' 0.9	0.54
8289	2.29	72.29	31	8276.314	-4638.31	244.2167	180.0003	679664.1	624473	32° 42' 57.1103° 53' 0.9	4.17
8320	5.28	90.11	31	8307.244	-4669.24	244.4024	182.0172	679666.1	624473.2	32° 42' 57.1103° 53' 0.9	10.25
8352	8.44	98.91	32	8339.011	-4701.01	244.0357	185.8107	679669.9	624472.8	32° 42' 57.1103° 53' 0.9	10.38
8383	12.22	105.44	31	8369.504	-4731.5	242.8094	191.2228	679675.3	624471.6	32° 42' 57.1103° 53' 0.9	12.75
8415	15.56	103.55	32	8400.565	-4762.56	240.9017	198.6618	679682.7	624469.7	32° 42' 57.1103° 53' 0.9	10.53
8447	18.29	101.26	32	8431.176	-4793.18	238.9153	207.7607	679691.8	624467.7	32° 42' 57.1103° 53' 0.9	8.78
8478	20.22	103.52	31	8460.441	-4822.44	236.7128	217.7412	679701.8	624465.5	32° 42' 57.1103° 53' 0.9	6.67
8509	22.69	102	31	8489.291	-4851.29	234.2168	228.8002	679712.9	624463	32° 42' 57.1103° 53' 0.9	8.17
8541	24.8	105.09	32	8518.581	-4880.58	231.186	241.3189	679725.4	624460	32° 42' 57.1103° 53' 0.9	7.65
8572	27.44	104.17	31	8546.413	-4908.41	227.7442	254.524	679738.6	624456.5	32° 42' 57.1103° 52' 59	8.62
8604	29.99	106.51	32	8574.476	-4936.48	223.6657	269.3436	679753.4	624452.4	32° 42' 57.1103° 52' 59	8.71
8635	29.63	105.97	31	8601.374	-4963.37	219.3556	284.1393	679768.2	624448.1	32° 42' 57.1103° 52' 59	1.45
8667	31.74	103.62	32	8628.893	-4990.89	215.1965	299.927	679784	624444	32° 42' 56.1103° 52' 59	7.58
8699	33.24	102.14	32	8655.884	-5017.88	211.3697	316.6828	679800.8	624440.1	32° 42' 56.1103° 52' 59	5.3

8730	35.35	98.07	31	8681.497	-5043.5	208.3233	333.8724	679817.9	624437.1	32° 42' 56.1	103° 52' 59	10.05
8762	39.04	92.64	32	8706.99	-5068.99	206.5584	353.1168	679837.2	624435.3	32° 42' 56.1	103° 52' 58	15.42
8793	43.35	89.22	31	8730.314	-5092.31	206.2534	373.5206	679857.6	624435	32° 42' 56.1	103° 52' 58	15.68
8825	48.01	86.04	32	8752.668	-5114.67	207.2249	396.3823	679880.5	624436	32° 42' 56.1	103° 52' 58	16.2
8856	52.85	83.56	31	8772.412	-5134.41	209.4077	420.1681	679904.2	624438.2	32° 42' 56.1	103° 52' 58	16.78
8888	59.09	81.09	32	8790.313	-5152.31	212.9682	446.4312	679930.5	624441.7	32° 42' 56.1	103° 52' 57	20.52
8919	64.98	79	31	8804.845	-5166.84	217.7125	473.3829	679957.5	624446.5	32° 42' 57.0	103° 52' 57	19.91
8951	71.14	79.2	32	8816.795	-5178.8	223.3215	502.5159	679986.6	624452.1	32° 42' 57.0	103° 52' 57	19.26
8972	73.69	78.93	21	8823.139	-5185.14	227.1189	522.1694	680006.2	624455.9	32° 42' 57.0	103° 52' 56	12.2
9001	77.82	78.91	29	8830.274	-5192.27	232.5197	549.7478	680033.8	624461.3	32° 42' 57.1	103° 52' 56	14.24
9035	80.81	78.79	34	8836.577	-5198.58	238.9799	582.5239	680066.6	624467.8	32° 42' 57.1	103° 52' 56	8.8
9067	83.45	79.25	32	8840.958	-5202.96	245.0165	613.6394	680097.7	624473.8	32° 42' 57.1	103° 52' 55	8.37
9098	83.8	81.55	31	8844.401	-5206.4	250.1538	644.0142	680128.1	624478.9	32° 42' 57.1	103° 52' 55	7.46
9130	84.15	83.77	32	8847.76	-5209.76	254.219	675.5746	680159.6	624483	32° 42' 57.1	103° 52' 55	6.99
9161	84.33	86.84	31	8850.872	-5212.87	256.7431	706.3109	680190.4	624485.5	32° 42' 57.1	103° 52' 54	9.87
9193	84.77	88.46	32	8853.912	-5215.91	258.0491	738.1383	680222.2	624486.8	32° 42' 57.1	103° 52' 54	5.22
9224	86.35	88.66	31	8856.311	-5218.31	258.8257	769.0345	680253.1	624487.6	32° 42' 57.1	103° 52' 53	5.14
9256	86.79	89.88	32	8858.226	-5220.23	259.2326	800.9739	680285	624488	32° 42' 57.1	103° 52' 53	4.05
9287	87.23	89.87	31	8859.843	-5221.84	259.3001	831.9315	680316	624488.1	32° 42' 57.1	103° 52' 53	1.42
9319	89.08	90.34	32	8860.873	-5222.87	259.2415	863.9134	680348	624488	32° 42' 57.1	103° 52' 52	5.96
9413	90.22	90.93	94	8861.447	-5223.45	258.1997	957.9039	680442	624487	32° 42' 57.1	103° 52' 51	1.37
9508	90.22	91.62	95	8861.083	-5223.08	256.0859	1052.879	680536.9	624484.9	32° 42' 57.1	103° 52' 50	0.73
9602	89.87	92.37	94	8861.009	-5223.01	252.8136	1146.821	680630.9	624481.6	32° 42' 57.1	103° 52' 49	0.88
9697	88.55	92.77	95	8862.319	-5224.32	248.5543	1241.714	680725.8	624477.3	32° 42' 57.1	103° 52' 48	1.45
9791	87.85	92.2	94	8865.271	-5227.27	244.4807	1335.579	680819.6	624473.3	32° 42' 57.1	103° 52' 47	0.96
9886	89.69	89.94	95	8867.311	-5229.31	242.7079	1430.53	680914.6	624471.5	32° 42' 57.1	103° 52' 46	3.07
9980	90.31	89.39	94	8867.311	-5229.31	243.2575	1524.528	681008.6	624472	32° 42' 57.1	103° 52' 45	0.88
10075	90.13	89.06	95	8866.946	-5228.95	244.5424	1619.518	681103.6	624473.3	32° 42' 57.1	103° 52' 44	0.4
10169	88.72	88.66	94	8867.889	-5229.89	246.4124	1713.492	681197.6	624475.2	32° 42' 57.1	103° 52' 42	1.56
10264	89.16	89.3	95	8869.647	-5231.65	248.1032	1808.46	681292.5	624476.9	32° 42' 57.1	103° 52' 41	0.82
10358	89.34	88.16	94	8870.877	-5232.88	250.1864	1902.427	681386.5	624479	32° 42' 57.1	103° 52' 40	1.23
10453	89.78	88.46	95	8871.607	-5233.61	252.988	1997.383	681481.5	624481.8	32° 42' 57.1	103° 52' 39	0.56
10547	90.13	89.58	94	8871.68	-5233.68	254.5957	2091.368	681575.4	624483.4	32° 42' 57.1	103° 52' 38	1.25
10642	89.52	89.89	95	8871.971	-5233.97	255.0351	2186.366	681670.4	624483.8	32° 42' 57.1	103° 52' 37	0.72
10737	87.58	90.36	95	8874.374	-5236.37	254.8281	2281.33	681765.4	624483.6	32° 42' 57.1	103° 52' 36	2.1

10831	88.02	92.37	94	8877.983	-5239.98	252.5904	2375.229	681859.3	624481.4	32° 42' 57.103° 52' 35	2.19
10926	89.87	93.29	95	8879.732	-5241.73	247.9008	2470.092	681954.2	624476.7	32° 42' 57.103° 52' 34	2.17
11020	88.99	93.6	94	8880.668	-5242.67	242.2527	2563.916	682048	624471	32° 42' 57.103° 52' 32	0.99
11115	89.16	93.76	95	8882.201	-5244.2	236.156	2658.708	682142.8	624464.9	32° 42' 57.103° 52' 31	0.25
11210	90.92	90.09	95	8882.135	-5244.13	232.9655	2753.635	682237.7	624461.7	32° 42' 57.103° 52' 30	4.28
11304	90.92	88.08	94	8880.625	-5242.63	234.4663	2847.606	682331.7	624463.2	32° 42' 57.103° 52' 29	2.14
11398	90.4	88.36	94	8879.543	-5241.54	237.3859	2941.554	682425.6	624466.2	32° 42' 57.103° 52' 28	0.63
11493	91.19	86.74	95	8878.224	-5240.22	241.4462	3036.454	682520.5	624470.2	32° 42' 57.103° 52' 27	1.9
11587	90.31	87.18	94	8876.994	-5238.99	246.4308	3130.312	682614.4	624475.2	32° 42' 57.103° 52' 26	1.05
11682	88.9	88.25	95	8877.649	-5239.65	250.2183	3225.231	682709.3	624479	32° 42' 57.103° 52' 25	1.86
11776	89.08	88.75	94	8879.306	-5241.31	252.6785	3319.184	682803.3	624481.5	32° 42' 57.103° 52' 24	0.57
11871	89.52	89.21	95	8880.466	-5242.47	254.3695	3414.161	682898.2	624483.1	32° 42' 57.103° 52' 23	0.67
11965	88.2	90.4	94	8882.337	-5244.34	254.6896	3508.138	682992.2	624483.5	32° 42' 57.103° 52' 21	1.89
12060	88.02	89.66	95	8885.47	-5247.47	254.6398	3603.086	683087.2	624483.4	32° 42' 57.103° 52' 20	0.8
12155	91.89	89.7	95	8885.544	-5247.54	255.1703	3698.066	683182.1	624484	32° 42' 57.103° 52' 19	4.07
12249	94.7	90.43	94	8880.142	-5242.14	255.0647	3791.901	683276	624483.8	32° 42' 57.103° 52' 18	3.09
12343	94.26	90.71	94	8872.8	-5234.8	254.1324	3885.608	683369.7	624482.9	32° 42' 57.103° 52' 17	0.55
12438	94.09	89.81	95	8865.883	-5227.88	253.7025	3980.354	683464.4	624482.5	32° 42' 57.103° 52' 16	0.96
12532	94	89.18	94	8859.252	-5221.25	254.529	4074.116	683558.2	624483.3	32° 42' 57.103° 52' 15	0.68
12627	89.6	87.89	95	8856.269	-5218.27	256.9572	4169.013	683653.1	624485.7	32° 42' 57.103° 52' 14	4.83
12721	90.13	87.48	94	8856.49	-5218.49	260.7541	4262.935	683747	624489.5	32° 42' 57.103° 52' 13	0.71
12815	89.52	87.89	94	8856.778	-5218.78	264.5511	4356.857	683840.9	624493.3	32° 42' 57.103° 52' 11	0.78
12910	88.55	89.26	95	8858.378	-5220.38	266.9133	4451.811	683935.9	624495.7	32° 42' 57.103° 52' 10	1.77
13004	88.29	89.95	94	8860.969	-5222.97	267.5611	4545.773	684029.8	624496.3	32° 42' 57.103° 52' 9	0.78
13099	88.64	91.74	95	8863.514	-5225.51	266.1606	4640.724	684124.8	624494.9	32° 42' 57.103° 52' 8	1.92
13196	90.48	91.61	97	8864.259	-5226.26	263.3255	4737.676	684221.7	624492.1	32° 42' 57.103° 52' 7	1.9
13288	91.45	89.66	92	8862.71	-5224.71	262.3059	4829.651	684313.7	624491.1	32° 42' 57.103° 52' 6	2.37
13382	92.59	89.64	94	8859.397	-5221.4	262.8797	4923.59	684407.7	624491.7	32° 42' 57.103° 52' 5	1.21
13476	92.86	89.26	94	8854.928	-5216.93	263.781	5017.479	684501.5	624492.6	32° 42' 57.103° 52' 4	0.5
13571	92.68	89.29	95	8850.336	-5212.34	264.9816	5112.36	684596.4	624493.8	32° 42' 57.103° 52' 3	0.19
13657	92.24	88.91	86	8846.645	-5208.65	266.3312	5198.27	684682.3	624495.1	32° 42' 57.103° 52' 2	0.68
13738	92.24	88.91	81	8843.479	-5205.48	267.8709	5279.193	684763.3	624496.7	32° 42' 57.103° 52' 1	0