

TIME (sec)	ALT (ft)	LONG (deg)	GDLAT (deg)	XF (ft)	YF (ft)	ZF (ft)
3.84E-07	80.90443	-75.48768	37.83386	4146692.4	-16019859	12765457
0.006667	80.90443	-75.48768	37.83386	4146692.4	-16019859	12765457
0.2	80.90085	-75.48768	37.83386	4146692.4	-16019859	12765457
0.4	80.89934	-75.48768	37.83386	4146692.4	-16019859	12765457
0.6	80.89639	-75.48768	37.83386	4146692.4	-16019859	12765457
0.8	80.8899	-75.48768	37.83386	4146692.4	-16019859	12765457
1	80.88321	-75.48768	37.83386	4146692.4	-16019859	12765457
1.2	80.87652	-75.48768	37.83386	4146692.4	-16019859	12765457
1.4	80.87	-75.48768	37.83386	4146692.4	-16019859	12765457
1.6	80.86345	-75.48768	37.83386	4146692.4	-16019859	12765457
1.8	80.856	-75.48768	37.83386	4146692.4	-16019859	12765457
2	80.84654	-75.48768	37.83386	4146692.4	-16019859	12765457
2.2	80.87348	-75.48768	37.83386	4146692.4	-16019859	12765457
2.326667	81.00583	-75.48768	37.83386	4146692.5	-16019859	12765457
2.4	81.13197	-75.48768	37.83386	4146692.5	-16019859	12765457
2.6	81.6611	-75.48768	37.83386	4146692.6	-16019859	12765457
2.8	82.46214	-75.48768	37.83386	4146692.7	-16019860	12765458
3	83.53634	-75.48768	37.83386	4146692.9	-16019861	12765458
3.2	84.88496	-75.48768	37.83386	4146693.1	-16019862	12765459
3.4	86.50926	-75.48768	37.83386	4146693.4	-16019863	12765460
3.6	88.40986	-75.48768	37.83386	4146693.8	-16019864	12765461
3.8	90.58702	-75.48768	37.83386	4146694.2	-16019866	12765463
4	93.04189	-75.48768	37.83386	4146694.8	-16019868	12765464
4.2	95.77594	-75.48768	37.83386	4146695.5	-16019870	12765466
4.4	98.79005	-75.48768	37.83386	4146696.2	-16019873	12765467
4.6	102.0848	-75.48768	37.83386	4146697.1	-16019875	12765469
4.8	105.661	-75.48768	37.83386	4146698.1	-16019878	12765471
5	109.5203	-75.48768	37.83386	4146699.2	-16019881	12765473
5.200001	113.6647	-75.48768	37.83385	4146700.4	-16019885	12765475
5.400001	118.0962	-75.48768	37.83385	4146701.6	-16019888	12765477
5.600001	122.8165	-75.48767	37.83385	4146703	-16019892	12765480
5.800001	127.8273	-75.48767	37.83385	4146704.4	-16019896	12765482
6.000001	133.1297	-75.48767	37.83385	4146705.9	-16019901	12765485
6.200001	138.7251	-75.48767	37.83385	4146707.5	-16019905	12765488
6.400001	144.6151	-75.48767	37.83384	4146709.1	-16019910	12765491
6.600001	150.8007	-75.48767	37.83384	4146710.8	-16019915	12765494
6.800001	157.2832	-75.48767	37.83384	4146712.6	-16019920	12765498
7.000001	164.0639	-75.48767	37.83384	4146714.4	-16019926	12765502
7.200001	171.1439	-75.48766	37.83384	4146716.2	-16019931	12765505
7.400001	178.5247	-75.48766	37.83384	4146718.2	-16019937	12765510
7.600001	186.2075	-75.48766	37.83383	4146720.2	-16019944	12765514
7.800001	194.1935	-75.48766	37.83383	4146722.2	-16019950	12765518
8.000001	202.4841	-75.48766	37.83383	4146724.3	-16019956	12765523

8.200001	211.0806	-75.48766	37.83383	4146726.5	-16019963	12765528
8.400001	219.9842	-75.48766	37.83383	4146728.8	-16019970	12765533
8.600001	229.1962	-75.48765	37.83383	4146731.1	-16019978	12765538
8.800001	238.7179	-75.48765	37.83382	4146733.5	-16019985	12765543
9.000001	248.5507	-75.48765	37.83382	4146735.9	-16019993	12765549
9.200001	258.6957	-75.48765	37.83382	4146738.4	-16020001	12765554
9.400001	269.1544	-75.48765	37.83382	4146741	-16020009	12765560
9.600001	279.928	-75.48765	37.83382	4146743.7	-16020018	12765566
9.800001	291.0177	-75.48765	37.83382	4146746.4	-16020027	12765573
10	302.4249	-75.48764	37.83381	4146749.2	-16020036	12765579
10.2	314.151	-75.48764	37.83381	4146752.1	-16020045	12765586
10.4	326.1971	-75.48764	37.83381	4146755	-16020054	12765593
10.6	338.5647	-75.48764	37.83381	4146758	-16020064	12765600
10.8	351.255	-75.48764	37.83381	4146761.1	-16020074	12765607
11	364.2693	-75.48764	37.83381	4146764.3	-16020084	12765615
11.2	377.609	-75.48763	37.8338	4146767.5	-16020094	12765622
11.4	391.2754	-75.48763	37.8338	4146770.8	-16020105	12765630
11.6	405.2698	-75.48763	37.8338	4146774.1	-16020116	12765638
11.8	419.5936	-75.48763	37.8338	4146777.6	-16020127	12765647
12	434.248	-75.48763	37.8338	4146781.1	-16020139	12765655
12.2	449.2344	-75.48762	37.8338	4146784.6	-16020150	12765664
12.4	464.5541	-75.48762	37.83379	4146788.3	-16020162	12765673
12.6	480.2085	-75.48762	37.83379	4146792	-16020175	12765682
12.8	496.1988	-75.48762	37.83379	4146795.8	-16020187	12765691
13	512.5265	-75.48762	37.83379	4146799.7	-16020200	12765701
13.2	529.1928	-75.48762	37.83379	4146803.6	-16020213	12765710
13.4	546.1992	-75.48761	37.83378	4146807.6	-16020226	12765720
13.6	563.547	-75.48761	37.83378	4146811.7	-16020240	12765730
13.8	581.2375	-75.48761	37.83378	4146815.9	-16020253	12765741
14	599.272	-75.48761	37.83378	4146820.1	-16020267	12765751
14.2	617.652	-75.4876	37.83378	4146824.4	-16020282	12765762
14.4	636.3788	-75.4876	37.83378	4146828.8	-16020296	12765773
14.6	655.4538	-75.4876	37.83377	4146833.3	-16020311	12765784
14.8	674.8783	-75.4876	37.83377	4146837.9	-16020326	12765796
15	694.6537	-75.4876	37.83377	4146842.5	-16020341	12765807
15.2	714.7815	-75.48759	37.83377	4146847.3	-16020357	12765819
15.4	735.2629	-75.48759	37.83377	4146852	-16020373	12765831
15.6	756.0994	-75.48759	37.83377	4146856.9	-16020389	12765843
15.8	777.2923	-75.48759	37.83376	4146861.9	-16020405	12765856
16	798.8431	-75.48758	37.83376	4146866.9	-16020422	12765869
16.2	820.7532	-75.48758	37.83376	4146872.1	-16020439	12765882
16.4	843.0239	-75.48758	37.83376	4146877.3	-16020456	12765895
16.6	865.6566	-75.48758	37.83376	4146882.5	-16020474	12765908
16.8	888.6528	-75.48757	37.83375	4146887.9	-16020492	12765922
17	912.0138	-75.48757	37.83375	4146893.4	-16020510	12765935
17.2	935.7411	-75.48757	37.83375	4146898.9	-16020528	12765949
17.4	959.8362	-75.48757	37.83375	4146904.5	-16020547	12765964

17.6	984.3003	-75.48756	37.83375	4146910.3	-16020566	12765978
17.8	1009.135	-75.48756	37.83375	4146916.1	-16020585	12765993
18	1034.342	-75.48756	37.83374	4146922	-16020604	12766008
18.2	1059.922	-75.48755	37.83374	4146928	-16020624	12766023
18.4	1085.877	-75.48755	37.83374	4146934.1	-16020644	12766038
18.6	1112.208	-75.48755	37.83374	4146940.2	-16020664	12766054
18.8	1138.917	-75.48755	37.83374	4146946.5	-16020685	12766070
19	1166.006	-75.48754	37.83373	4146952.9	-16020706	12766086
19.2	1193.475	-75.48754	37.83373	4146959.4	-16020727	12766102
19.4	1221.326	-75.48754	37.83373	4146966	-16020749	12766119
19.6	1249.561	-75.48753	37.83373	4146972.7	-16020770	12766135
19.8	1278.181	-75.48753	37.83373	4146979.4	-16020792	12766152
20	1307.188	-75.48752	37.83372	4146986.3	-16020815	12766169
20.2	1336.583	-75.48752	37.83372	4146993.3	-16020837	12766187
20.4	1366.367	-75.48752	37.83372	4147000.5	-16020860	12766205
20.6	1396.543	-75.48751	37.83372	4147007.7	-16020884	12766222
20.8	1427.112	-75.48751	37.83372	4147015	-16020907	12766241
21	1458.074	-75.4875	37.83371	4147022.5	-16020931	12766259
21.2	1489.433	-75.4875	37.83371	4147030	-16020955	12766278
21.4	1521.188	-75.4875	37.83371	4147037.7	-16020979	12766296
21.6	1553.343	-75.48749	37.83371	4147045.5	-16021004	12766316
21.8	1585.898	-75.48749	37.8337	4147053.4	-16021029	12766335
22	1618.854	-75.48748	37.8337	4147061.5	-16021055	12766354
22.2	1652.215	-75.48748	37.8337	4147069.6	-16021080	12766374
22.4	1685.98	-75.48747	37.8337	4147077.9	-16021106	12766394
22.6	1720.152	-75.48747	37.83369	4147086.3	-16021132	12766415
22.8	1754.732	-75.48746	37.83369	4147094.9	-16021159	12766435
23	1789.723	-75.48745	37.83369	4147103.5	-16021186	12766456
23.2	1825.124	-75.48745	37.83369	4147112.3	-16021213	12766477
23.4	1860.939	-75.48744	37.83369	4147121.3	-16021240	12766498
23.6	1897.169	-75.48744	37.83368	4147130.3	-16021268	12766520
23.8	1933.815	-75.48743	37.83368	4147139.5	-16021296	12766541
24	1970.879	-75.48742	37.83368	4147148.9	-16021325	12766563
24.2	2008.363	-75.48742	37.83367	4147158.3	-16021353	12766585
24.4	2046.264	-75.48741	37.83367	4147167.9	-16021383	12766608
24.6	2084.572	-75.4874	37.83367	4147177.7	-16021412	12766631
24.8	2123.278	-75.48739	37.83367	4147187.6	-16021442	12766654
25	2162.369	-75.48739	37.83366	4147197.6	-16021471	12766677
25.2	2201.834	-75.48738	37.83366	4147207.7	-16021502	12766700
25.4	2241.664	-75.48737	37.83366	4147218	-16021532	12766724
25.6	2281.862	-75.48736	37.83366	4147228.4	-16021563	12766748
25.8	2322.428	-75.48735	37.83365	4147239	-16021594	12766772
26	2363.363	-75.48735	37.83365	4147249.7	-16021625	12766796
26.2	2404.669	-75.48734	37.83365	4147260.5	-16021657	12766820
26.4	2446.348	-75.48733	37.83364	4147271.4	-16021689	12766845
26.6	2488.4	-75.48732	37.83364	4147282.5	-16021721	12766870
26.8	2530.827	-75.48731	37.83364	4147293.8	-16021753	12766895

27	2573.632	-75.4873	37.83363	4147305.2	-16021786	12766920
27.2	2616.814	-75.48729	37.83363	4147316.7	-16021819	12766946
27.4	2660.375	-75.48728	37.83363	4147328.4	-16021852	12766972
27.6	2704.318	-75.48727	37.83362	4147340.2	-16021886	12766998
27.8	2748.642	-75.48726	37.83362	4147352.2	-16021920	12767024
28	2793.351	-75.48725	37.83362	4147364.3	-16021954	12767050
28.2	2838.445	-75.48724	37.83361	4147376.6	-16021988	12767077
28.4	2883.925	-75.48722	37.83361	4147389	-16022023	12767104
28.6	2929.793	-75.48721	37.83361	4147401.6	-16022058	12767131
28.8	2976.051	-75.4872	37.8336	4147414.3	-16022093	12767158
29	3022.7	-75.48719	37.8336	4147427.2	-16022129	12767186
29.2	3069.743	-75.48717	37.8336	4147440.3	-16022165	12767214
29.4	3117.179	-75.48716	37.83359	4147453.5	-16022201	12767242
29.6	3165.013	-75.48715	37.83359	4147466.9	-16022237	12767270
29.8	3213.244	-75.48713	37.83358	4147480.4	-16022274	12767298
30	3261.875	-75.48712	37.83358	4147494.1	-16022311	12767327
30.2	3310.908	-75.48711	37.83358	4147508	-16022349	12767356
30.4	3360.344	-75.48709	37.83357	4147522	-16022386	12767385
30.6	3410.185	-75.48708	37.83357	4147536.2	-16022424	12767414
30.8	3460.433	-75.48706	37.83356	4147550.6	-16022462	12767444
31	3511.088	-75.48705	37.83356	4147565.2	-16022501	12767474
31.2	3562.154	-75.48703	37.83355	4147579.9	-16022540	12767504
31.4	3613.63	-75.48702	37.83355	4147594.8	-16022579	12767534
31.6	3665.521	-75.487	37.83355	4147609.9	-16022618	12767565
31.8	3717.826	-75.48698	37.83354	4147625.1	-16022658	12767596
32	3770.548	-75.48697	37.83354	4147640.6	-16022698	12767627
32.2	3823.687	-75.48695	37.83353	4147656.2	-16022739	12767658
32.4	3877.247	-75.48693	37.83353	4147672	-16022779	12767689
32.6	3931.228	-75.48691	37.83352	4147688	-16022820	12767721
32.8	3985.631	-75.48689	37.83352	4147704.2	-16022862	12767753
33	4040.459	-75.48688	37.83351	4147720.5	-16022903	12767785
33.2	4095.714	-75.48686	37.83351	4147737.1	-16022945	12767818
33.4	4151.396	-75.48684	37.8335	4147753.8	-16022988	12767850
33.6	4207.508	-75.48682	37.8335	4147770.7	-16023030	12767883
33.8	4264.051	-75.4868	37.83349	4147787.8	-16023073	12767916
34	4321.027	-75.48678	37.83349	4147805.1	-16023116	12767950
34.2	4378.437	-75.48676	37.83348	4147822.7	-16023160	12767984
34.4	4436.283	-75.48674	37.83348	4147840.4	-16023204	12768017
34.6	4494.567	-75.48671	37.83347	4147858.3	-16023248	12768052
34.8	4553.29	-75.48669	37.83346	4147876.4	-16023292	12768086
35	4612.454	-75.48667	37.83346	4147894.7	-16023337	12768121
35.2	4672.061	-75.48665	37.83345	4147913.2	-16023382	12768156
35.4	4732.112	-75.48662	37.83345	4147931.9	-16023428	12768191
35.6	4792.61	-75.4866	37.83344	4147950.8	-16023474	12768226
35.8	4853.555	-75.48658	37.83344	4147969.9	-16023520	12768262
36	4914.949	-75.48655	37.83343	4147989.3	-16023566	12768298
36.2	4976.794	-75.48653	37.83342	4148008.8	-16023613	12768334

36.4	5039.092	-75.4865	37.83342	4148028.6	-16023660	12768370
36.6	5101.844	-75.48647	37.83341	4148048.6	-16023708	12768407
36.8	5165.053	-75.48645	37.8334	4148068.8	-16023756	12768444
37	5228.719	-75.48642	37.8334	4148089.2	-16023804	12768481
37.2	5292.846	-75.48639	37.83339	4148109.8	-16023852	12768518
37.4	5357.433	-75.48637	37.83338	4148130.7	-16023901	12768556
37.6	5422.483	-75.48634	37.83338	4148151.7	-16023950	12768594
37.8	5487.999	-75.48631	37.83337	4148173	-16024000	12768632
38	5553.98	-75.48628	37.83336	4148194.5	-16024050	12768671
38.2	5620.429	-75.48625	37.83336	4148216.3	-16024100	12768710
38.4	5687.349	-75.48622	37.83335	4148238.3	-16024150	12768749
38.6	5754.74	-75.48619	37.83334	4148260.5	-16024201	12768788
38.8	5822.604	-75.48616	37.83334	4148282.9	-16024253	12768827
39	5890.944	-75.48613	37.83333	4148305.6	-16024304	12768867
39.2	5959.761	-75.4861	37.83332	4148328.5	-16024356	12768907
39.4	6029.056	-75.48607	37.83331	4148351.6	-16024408	12768948
39.6	6098.832	-75.48603	37.83331	4148375	-16024461	12768988
39.8	6169.09	-75.486	37.8333	4148398.6	-16024514	12769029
40	6239.832	-75.48597	37.83329	4148422.5	-16024567	12769070
40.2	6311.059	-75.48593	37.83328	4148446.6	-16024621	12769112
40.4	6382.774	-75.4859	37.83327	4148470.9	-16024675	12769153
40.6	6454.979	-75.48586	37.83327	4148495.5	-16024730	12769195
40.8	6527.674	-75.48583	37.83326	4148520.3	-16024784	12769237
41	6600.861	-75.48579	37.83325	4148545.4	-16024839	12769280
41.2	6674.544	-75.48575	37.83324	4148570.7	-16024895	12769323
41.4	6748.722	-75.48572	37.83323	4148596.3	-16024951	12769366
41.6	6823.398	-75.48568	37.83322	4148622.1	-16025007	12769409
41.8	6898.574	-75.48564	37.83321	4148648.2	-16025064	12769453
42	6974.252	-75.4856	37.83321	4148674.5	-16025121	12769496
42.2	7050.434	-75.48556	37.8332	4148701.1	-16025178	12769541
42.4	7127.122	-75.48552	37.83319	4148728	-16025236	12769585
42.6	7204.317	-75.48548	37.83318	4148755.1	-16025294	12769630
42.8	7282.02	-75.48544	37.83317	4148782.5	-16025352	12769675
43	7360.235	-75.4854	37.83316	4148810.1	-16025411	12769720
43.2	7438.963	-75.48536	37.83315	4148838	-16025470	12769766
43.4	7518.204	-75.48532	37.83314	4148866.2	-16025530	12769811
43.6	7597.962	-75.48527	37.83313	4148894.6	-16025590	12769857
43.8	7678.237	-75.48523	37.83312	4148923.3	-16025650	12769904
44	7759.031	-75.48518	37.83311	4148952.3	-16025711	12769950
44.2	7840.347	-75.48514	37.8331	4148981.6	-16025772	12769997
44.4	7922.185	-75.48509	37.83309	4149011.2	-16025834	12770044
44.6	8004.548	-75.48505	37.83308	4149041	-16025896	12770092
44.8	8087.436	-75.485	37.83307	4149071.2	-16025958	12770139
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45.6	8424.286	-75.48481	37.83302	4149194.6	-16026212	12770332

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46	8595.915	-75.48471	37.83299	4149258.2	-16026341	12770430
46.2	8682.536	-75.48465	37.83298	4149290.4	-16026407	12770480
46.4	8769.696	-75.4846	37.83297	4149323	-16026472	12770529
46.6	8857.398	-75.48455	37.83295	4149355.9	-16026539	12770579
46.8	8945.643	-75.4845	37.83294	4149389.1	-16026605	12770629
47	9034.434	-75.48444	37.83293	4149422.6	-16026672	12770680
47.2	9123.772	-75.48439	37.83291	4149456.4	-16026740	12770730
47.4	9213.658	-75.48433	37.8329	4149490.6	-16026807	12770781
47.6	9304.095	-75.48428	37.83288	4149525.1	-16026876	12770832
47.8	9395.083	-75.48422	37.83287	4149559.9	-16026945	12770884
48	9486.625	-75.48416	37.83285	4149595.1	-16027014	12770936
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87	38977.89	-75.44311	37.81613	4167872.1	-16050202	12784206
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93	45511.5	-75.42821	37.80908	4173740.2	-16055639	12786180
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93.4	45964.53	-75.4271	37.80855	4174171.9	-16056021	12786303
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617.2	905836.3	-56.54494	22.77252	11102493	-16802654	8400202.2
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788.2	898758.4	-49.38856	14.11043	13780068	-16070983	5287463.2
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788.6	898742.7	-49.37265	14.08981	13785757	-16068590	5279886.2
788.8	898734.9	-49.3647	14.0795	13788600	-16067392	5276097.2
789	898727.1	-49.35675	14.06919	13791443	-16066193	5272308
789.2	898719.3	-49.3488	14.05888	13794285	-16064994	5268518.4
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790.8	898656.9	-49.28524	13.97638	13816995	-16055371	5238191.9
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792	898610.1	-49.2376	13.91448	13833998	-16048120	5215435
792.2	898602.3	-49.22966	13.90417	13836830	-16046909	5211641.2
792.4	898594.5	-49.22173	13.89385	13839660	-16045697	5207847.1
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792.8	898578.9	-49.20586	13.87322	13845319	-16043271	5200258
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802	898222.5	-48.84167	13.39827	13974690	-15986603	5025401.1
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803	898183.9	-48.80218	13.34661	13988660	-15980344	5006359.7
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803.4	898168.5	-48.78639	13.32594	13994244	-15977835	4998741.3
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805	898107	-48.72325	13.24325	14016548	-15967766	4968256.5
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806	898068.5	-48.68382	13.19156	14030464	-15961448	4949194.7
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813	897800.7	-48.40828	12.82953	14127374	-15916675	4815575.3
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831.8	897091.2	-47.67245	11.85542	14383232	-15791705	4455147.8
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832.2	897076.3	-47.65686	11.83467	14388605	-15788971	4447455.2
832.4	897068.8	-47.64906	11.82429	14391291	-15787604	4443608.6
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833.2	897039	-47.61789	11.78278	14402025	-15782124	4428219.6
833.4	897031.5	-47.6101	11.7724	14404707	-15780752	4424371.8

833.6	897024.1	-47.60231	11.76202	14407388	-15779380	4420523.7
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834.2	897001.7	-47.57894	11.73089	14415427	-15775257	4408978
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836	896934.8	-47.50886	11.63746	14439504	-15762849	4374327.9
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837	896897.7	-47.46996	11.58555	14452854	-15755928	4355069.5
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839	896823.5	-47.39219	11.4817	14479499	-15742028	4316534.9
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842	896712.7	-47.27565	11.32588	14519327	-15721033	4258689.2
842.2	896705.3	-47.26789	11.31549	14521977	-15719627	4254830.9
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842.8	896683.2	-47.2446	11.28432	14529920	-15715405	4243254.8

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845.2	896594.9	-47.1515	11.15961	14561626	-15698447	4196929.5
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845.6	896580.2	-47.13599	11.13882	14566900	-15695610	4189205.5
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859	896092.2	-46.61783	10.44182	14741846	-15598785	3929932.2
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878.8	895386.7	-45.85677	9.40997	14994143	-15449411	3545087.9
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917.6	894061.1	-44.3792	7.382068	15466685	-15135100	2785658.8
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918	894047.9	-44.36405	7.361126	15471403	-15131712	2777797.3

918.2	894041.2	-44.35648	7.350655	15473761	-15130017	2773866.4
918.4	894034.6	-44.3489	7.340184	15476119	-15128321	2769935.3
918.6	894028	-44.34133	7.329712	15478475	-15126625	2766004
918.8	894021.4	-44.33376	7.31924	15480831	-15124927	2762072.7
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919.8	893988.3	-44.2959	7.26688	15492598	-15116429	2742413.4
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920.8	893955.4	-44.25805	7.214515	15504345	-15107913	2722750.4
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922	893915.9	-44.21265	7.151671	15518416	-15097668	2699150
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923	893883	-44.17482	7.099297	15530120	-15089110	2679478.9
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924.8	893824	-44.10676	7.005014	15551137	-15073659	2644061.7
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932	893589.6	-43.8348	6.627753	15634564	-15011249	2502278.1
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961.8	892649.4	-42.71372	5.064394	15968858	-14742717	1913698.3
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1045.6	890270.6	-39.58672	0.656989	16811577	-13901185	248543.28
1045.8	890265.4	-39.57928	0.64646	16813413	-13899028	244560.02
1046	890260.2	-39.57184	0.63593	16815248	-13896869	240576.74
1046.2	890255	-39.5644	0.625401	16817082	-13894710	236593.45
1046.4	890249.8	-39.55696	0.614871	16818915	-13892551	232610.15
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1046.8	890239.4	-39.54208	0.593812	16822579	-13888229	224643.51
1047	890234.2	-39.53464	0.583282	16824410	-13886067	220660.17
1047.2	890229	-39.5272	0.572753	16826240	-13883905	216676.82
1047.4	890223.9	-39.51976	0.562223	16828069	-13881742	212693.45
1047.6	890218.7	-39.51232	0.551694	16829897	-13879578	208710.08
1047.8	890213.5	-39.50488	0.541164	16831725	-13877413	204726.69
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1048.2	890203.2	-39.49	0.520104	16835377	-13873082	196759.88
1048.4	890198	-39.48257	0.509575	16837202	-13870915	192776.46
1048.6	890192.8	-39.47513	0.499045	16839026	-13868748	188793.03
1048.8	890187.7	-39.46769	0.488515	16840849	-13866580	184809.59
1049	890182.5	-39.46025	0.477986	16842672	-13864411	180826.14
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1073	889579.8	-38.56749	-0.785632	17055173	-13599127	-297197.42
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1084.2	889310.1	-38.1507	-1.375285	17150125	-13471940	-520218.47
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1086.2	889262.7	-38.07625	-1.480573	17166797	-13449003	-560035.42
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1087	889243.8	-38.04647	-1.522688	17173441	-13439809	-575961.36
1087.2	889239.1	-38.03903	-1.533217	17175100	-13437509	-579942.77

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1089.4	889187.3	-37.95712	-1.649029	17193292	-13412163	-623736.11
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1127	888347.5	-36.55494	-3.627536	17487995	-12966405	-1371329.2
1127.2	888343.2	-36.54747	-3.638054	17489480	-12963972	-1375300
1127.4	888339	-36.54	-3.648572	17490964	-12961537	-1379270.7
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1129	888305.2	-36.4802	-3.732716	17502807	-12942037	-1411033.5
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1143.6	888003.3	-35.93392	-4.500283	17608284	-12762164	-1700628.5
