

32550	-0.723	-0.441	25182103.928	25182110.897
32580	-113316.081	-88298.150	25160540.870	25160547.632
32610	-226594.903	-176567.380	25138984.657	25138991.585
32640	-339823.672	-264797.598	25117437.544	25117445.038
32670	-453007.040	-352992.412	25095899.668	25095906.947
32700	-566124.072	-441135.531	25074374.155	25074381.755
32730	-679169.010	-529222.464	25052862.006	25052869.683
32760	-792139.381	-617251.284	25031364.842	25031372.109
32790	-905027.390	-705215.911	25009882.919	25009890.602
32820	-1017826.016	-793110.895	24988418.260	24988425.050
32850	-1130567.808	-880961.606	24966964.075	24966971.030
32880	-1243261.787	-968775.077	24945518.718	24945525.984
32910	-1355914.324	-1056556.255	24924081.704	24924089.056
32940	-1468527.517	-1144306.767	24902652.535	24902659.610
32970	-1581095.210	-1232021.848	24881231.291	24881238.516
33000	-1693594.574	-1319683.698	24859823.691	24859830.010
33030	-1806014.780	-1407283.887	24838430.504	24838437.540
33060	-1918358.079	-1494824.177	24817052.302	24817059.246
33090	-2030631.292	-1582309.837	24795687.762	24795694.632
33120	-2142831.875	-1669738.931	24774336.404	24774343.616
33150	-2254960.194	-1757111.698	24752999.114	24753006.170
33180	-2367016.554	-1844428.377	24731675.566	24731682.851
33210	-2478986.800	-1931677.967	24710368.699	24710375.931
33240	-2590862.785	-2018854.090	24689079.095	24689086.476
33270	-2702646.318	-2105958.183	24667807.638	24667814.420
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33360	-3037428.363	-2366827.329	24604100.405	24604108.115
33390	-3148837.131	-2453639.303	24582900.246	24582907.714
33420	-3260153.750	-2540379.472	24561717.420	24561724.640
33450	-3371371.246	-2627042.424	24540553.819	24540559.978
33480	-3482493.681	-2713631.290	24519407.817	24519414.790
33510	-3593518.745	-2800144.252	24498279.987	24498287.236
33540	-3704436.619	-2886573.680	24477172.988	24477180.335
33570	-3815246.139	-2972918.644	24456086.591	24456093.378
33600	-3925959.247	-3059188.480	24435018.219	24435025.596
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33660	-4147077.179	-3231487.903	24392940.929	24392947.608
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33780	-4588116.139	-3575154.030	24309013.290	24309020.471
33810	-4698081.888	-3660841.473	24288087.741	24288094.464
33840	-4807906.612	-3746419.025	24267188.682	24267195.330
33870	-4917590.828	-3831887.084	24246316.400	24246323.339
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33930	-5136545.228	-4002500.558	24204650.394	24204657.336
33960	-5245832.818	-4087659.572	24183853.286	24183860.186

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34110	-5790654.481	-4512195.218	24080176.771	24080183.445
34140	-5899283.412	-4596841.013	24059505.101	24059511.626
34170	-6007788.542	-4681390.339	24038857.511	24038863.812
34200	-6116160.134	-4765835.613	24018234.883	24018241.259
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34320	-6548135.106	-5102439.017	23936032.513	23936038.893
34350	-6655728.070	-5186277.573	23915557.742	23915564.291
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34440	-6977634.133	-5437113.126	23854301.181	23854307.477
34470	-7084656.062	-5520506.729	23833935.505	23833941.489
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34530	-7298239.310	-5686935.034	23793291.898	23793297.247
34560	-7404762.036	-5769939.661	23773020.988	23773026.738
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34650	-7723234.281	-6018099.588	23712417.737	23712423.533
34680	-7829082.490	-6100578.636	23692275.253	23692281.220
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34740	-8040377.618	-6265224.036	23652067.124	23652072.840
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34830	-8356105.051	-6511245.221	23591985.843	23591991.823
34860	-8460968.624	-6592957.034	23572031.080	23572036.981
34890	-8565657.303	-6674532.564	23552109.502	23552115.358
34920	-8670178.578	-6755977.652	23532219.757	23532225.609
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34980	-8878750.736	-6918501.258	23492529.665	23492535.455
35010	-8982773.445	-6999557.843	23472734.694	23472740.062
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35130	-9396844.744	-7322210.549	23393939.108	23393944.762
35160	-9499904.347	-7402516.672	23374327.470	23374333.354
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35280	-9910369.416	-7722359.396	23296218.572	23296224.276
35310	-10012462.317	-7801912.247	23276790.808	23276796.740
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35370	-10215982.870	-7960499.582	23238062.299	23238067.353
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35730	-11420149.207	-8898810.504	23008916.609	23008922.094
35760	-11519115.892	-8975927.371	22990084.048	22990089.204
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35880	-11912658.507	-9282583.788	22915194.902	22915200.741
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35940	-12108044.153	-9434832.256	22878014.208	22878019.308
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36120	-12688771.345	-9887346.726	22767505.386	22767510.779
36150	-12784690.222	-9962088.682	22749252.585	22749257.808
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36360	-13449515.491	-10480134.079	22622740.321	22622745.702
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36780	-14741217.970	-11486655.288	22376937.428	22376942.620
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36840	-14921494.348	-11627130.381	22342632.136	22342637.118

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37560	-16997331.387	-13244664.610	21947612.606	21947617.450
37590	-17080056.202	-13309125.415	21931870.366	21931875.263
37620	-17162485.321	-13373355.816	21916184.648	21916189.341
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37680	-17326519.985	-13501174.847	21884969.715	21884974.396
37710	-17408116.205	-13564756.230	21869442.401	21869447.242
37740	-17489429.721	-13628117.317	21853968.916	21853973.595
37770	-17570443.829	-13691245.072	21838552.414	21838557.089
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37830	-17731508.207	-13816749.551	21807902.507	21807907.374
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37920	-17970538.475	-14003006.548	21762416.428	21762420.977
37950	-18049525.157	-14064554.498	21747385.535	21747390.067
37980	-18128182.242	-14125845.613	21732417.583	21732422.194
38010	-18206533.690	-14186898.559	21717507.730	21717512.032
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38070	-18362363.057	-14308323.781	21687854.168	21687858.631
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38190	-18670318.431	-14548288.485	21629251.917	21629256.012
38220	-18746442.137	-14607605.536	21614765.855	21614770.218
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38340	-19047479.426	-14842179.568	21557479.966	21557484.155
38370	-19121931.857	-14900194.337	21543312.114	21543316.031
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38460	-19343373.044	-15072745.599	21501172.971	21501177.172
38490	-19416510.602	-15129735.799	21487255.252	21487259.360
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38550	-19561680.057	-15242854.648	21459630.325	21459634.263
38580	-19633699.317	-15298973.444	21445925.419	21445929.487
38610	-19705360.787	-15354813.441	21432288.632	21432292.593
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38730	-19988793.073	-15575669.315	21378353.046	21378356.773
38760	-20058858.222	-15630265.418	21365019.841	21365023.609
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38880	-20335491.580	-15845823.449	21312378.176	21312381.729
38910	-20403726.734	-15898993.599	21299393.335	21299396.818
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39120	-20871453.061	-16263455.128	21210387.324	21210390.752
39150	-20936799.382	-16314374.274	21197952.374	21197955.992
39180	-21001797.109	-16365021.789	21185583.626	21185587.219
39210	-21066457.028	-16415406.070	21173279.292	21173282.724
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39420	-21509180.088	-16760384.567	21089031.583	21089034.815
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39600	-21873574.087	-17044327.475	21019689.346	21019692.512
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39660	-21992398.767	-17136917.991	20997077.700	20997080.735
39690	-22051241.570	-17182769.450	20985880.121	20985883.046
39720	-22109672.927	-17228300.308	20974761.041	20974764.130

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40140	-22886784.965	-17833841.378	20826880.909	20826883.921
40170	-22939436.142	-17874868.212	20816861.594	20816864.565
40200	-22991697.623	-17915591.390	20806916.462	20806919.476
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47940	-22942126.583	-17876964.152	20816349.433	20816352.092
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48000	-22840962.944	-17798135.371	20835600.132	20835602.926
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48060	-22738549.687	-17718332.859	20855088.641	20855091.676
48090	-22686875.749	-17678067.475	20864921.954	20864924.680
48120	-22634878.899	-17637550.468	20874816.694	20874819.373
48150	-22582535.960	-17596763.776	20884777.313	20884779.926
48180	-22529843.192	-17555704.486	20894804.150	20894806.760
48210	-22476806.176	-17514376.958	20904896.853	20904899.597
48240	-22423443.992	-17472796.061	20915051.493	20915054.185
48270	-22369762.410	-17430966.284	20925266.555	20925269.471
48300	-22315769.165	-17388893.648	20935541.217	20935544.113
48330	-22261449.414	-17346566.585	20945877.986	20945880.820
48360	-22206787.094	-17303972.582	20956279.966	20956282.719

48390	-22151760.454	-17261094.696	20966751.261	20966753.999
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48450	-22040637.679	-17174505.558	20987897.088	20987899.963
48480	-21984561.915	-17130810.174	20998568.013	20998570.760
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48750	-21465401.827	-16726270.030	21097361.054	21097363.752
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52290	-12496232.491	-9737310.077	22804139.645	22804142.991
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55260	-2653905.261	-2067970.785	24677077.179	24677082.556
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55560	-1586254.357	-1236034.591	24880243.875	24880249.585

55590	-1479000.001	-1152459.706	24900653.383	24900659.039
55620	-1371672.037	-1068827.438	24921076.718	24921082.878
55650	-1264260.653	-985130.178	24941517.329	24941522.790
55680	-1156759.092	-901362.636	24961974.148	24961979.444
55710	-1049167.828	-817525.203	24982448.164	24982452.772
55740	-941495.222	-733624.364	25002937.477	25002942.042
55770	-833736.209	-649656.224	25023442.650	25023448.054
55800	-725902.074	-565629.519	25043963.120	25043967.853
55830	-617999.740	-481549.682	25064496.261	25064501.049
55860	-510033.577	-397420.122	25085041.804	25085045.761
55890	-401995.939	-313234.862	25105599.717	25105605.164
55920	-293890.370	-228996.666	25126171.525	25126176.749
55950	-185700.443	-144692.703	25146759.807	25146764.302
55980	-77424.168	-60321.495	25167363.660	25167368.546
56010	30939.476	24117.804	25187984.817	25187989.889
56040	139387.798	108623.113	25208622.385	25208626.222
56070	247919.349	193193.277	25229274.696	25229278.300
56100	356518.491	277816.126	25249940.045	25249944.039
56130	465188.361	362494.054	25270619.406	25270623.400
56160	573920.243	447220.309	25291310.239	25291314.518
56190	682696.990	531981.568	25312009.534	25312013.674
56220	791517.997	616777.263	25332716.983	25332721.267
56250	900390.627	701613.199	25353434.841	25353439.446
56280	1009305.033	786481.697	25374160.529	25374164.798
56310	1118276.265	871394.488	25394897.336	25394901.252
56340	1227316.616	956361.150	25415646.444	25415651.157
56370	1336416.028	1041373.860	25436407.778	25436411.801
56400	1445568.559	1126427.982	25457178.653	25457182.578
56430	1554773.802	1211523.171	25477959.375	25477963.589
56460	1664020.386	1296650.552	25498747.961	25498752.182