Keuwl Accelerometer Data File

2024-04-22 15:55:23

Time (s), X (m/s2), Y (m/s2), Z (m/s2), R (m/s2), Theta (deg), Phi (deg)

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1.9088655,-0.838050,9.325951,2.391000,9.663983,75.675491,95.134933

1.9112574,-0.855000,9.349951,2.412000,9.693830,75.592415,95.224846

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1.9160417,-0.832950,9.328951,2.395950,9.667664,75.650780,95.102211

1.9184338,-0.820950,9.357000,2.368950,9.687071,75.844902,95.014091

1.9208258,-0.804000,9.337951,2.368950,9.667247,75.815262,94.921043

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1.9614910,-0.807000,9.334050,2.379000,9.666199,75.752243,94.941368

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2.3848865,-0.550950,9.301950,2.398050,9.621875,75.568108,93.389641

2.3872786,-0.514950,9.310050,2.427000,9.634964,75.410316,93.165871

2.3896704,-0.490950,9.324000,2.470050,9.658114,75.182045,93.014091

2.3920627,-0.486000,9.334050,2.479050,9.669870,75.145309,92.980553

2.3944547,-0.475950,9.348001,2.476950,9.682300,75.177673,92.914680

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2.4016309,-0.487950,9.331051,2.412000,9.650096,75.525703,92.993446

2.4040229,-0.474000,9.324000,2.371950,9.632643,75.744827,92.910217

2.4064150,-0.499950,9.325951,2.356950,9.632160,75.836136,93.068604

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2.4183753,-0.502950,9.307051,2.331000,9.607691,75.958885,93.093239

2.4207673,-0.493050,9.286051,2.332950,9.587309,75.916405,93.039307

2.4231596,-0.490950,9.292951,2.344950,9.596810,75.856766,93.024147

2.4255517,-0.514950,9.304951,2.332950,9.606766,75.945511,93.167603

2.4279437,-0.490950,9.319051,2.350050,9.623330,75.865234,93.015694

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2.4327278,-0.493050,9.304951,2.347950,9.609270,75.857033,93.033150

2.4351199,-0.499950,9.328951,2.341050,9.631188,75.932213,93.067619

2.4375119,-0.522000,9.310050,2.320950,9.609179,76.022865,93.209122

2.4399040,-0.550950,9.312000,2.226000,9.590201,76.578560,93.385994

2.4422960,-0.579000,9.304951,2.215950,9.582682,76.629601,93.560638

2.4446881,-0.579000,9.336000,2.202000,9.609629,76.753250,93.548828

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2.4494722,-0.666000,9.319051,2.250000,9.609931,76.459488,94.087776

2.4518642,-0.715950,9.337951,2.262000,9.634654,76.421494,94.384346

2.4542563,-0.784950,9.346050,2.295000,9.655663,76.250092,94.800858

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2.5571153,-0.907050,9.361951,2.307000,9.684582,76.218864,95.533936

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2.6217008,-0.735000,9.346050,2.410050,9.679732,75.582893,94.496651

2.6240931,-0.711000,9.384001,2.398050,9.711624,75.704330,94.332863

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2.6312692,-0.634050,9.331051,2.319000,9.635781,76.074181,93.887306

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6.2002358,-1.372050,9.561001,2.173050,9.900373,77.320816,98.166466

6.2026281,-1.422000,9.549001,2.182950,9.898019,77.259003,98.470024

6.2050200,-1.437000,9.535050,2.203950,9.891388,77.125572,98.570389

6.2074122,-1.453050,9.550950,2.227950,9.914422,77.013695,98.650459

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6.2169805,-1.294950,9.577950,2.211000,9.914764,77.114655,97.699768

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6.2217650,-1.104000,9.550950,2.178000,9.858151,77.236107,96.593590

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6.2337246,-0.582000,9.496051,1.930950,9.707846,78.527000,93.507195

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7.1666331,-0.214950,9.516001,1.531050,9.640778,80.862183,91.293991

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7.1809855,-0.366000,9.559051,1.620000,9.702258,80.388222,92.192688

7.1833777,-0.406950,9.532050,1.651050,9.682539,80.182045,92.444633

7.1857696,-0.397050,9.535050,1.708950,9.695119,79.847481,92.384483

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7.1905541,-0.364050,9.472051,1.804050,9.649190,79.224350,92.201027

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7.6235194,-0.442950,9.622951,1.270050,9.716502,82.489342,92.635498

7.6259117,-0.400050,9.616051,1.270050,9.707807,82.482574,92.382263

7.6283035,-0.393000,9.571051,1.312950,9.668676,82.195457,92.351318

7.6306958,-0.382950,9.553950,1.387950,9.661834,81.740723,92.295349

7.6330876,-0.409050,9.537001,1.467000,9.657836,81.263100,92.455956

7.6354799,-0.394950,9.532050,1.540950,9.663876,80.824753,92.372627

7.6378717,-0.430950,9.535050,1.615050,9.680459,80.396088,92.587799

7.6402640,-0.409050,9.544050,1.684950,9.700272,79.996910,92.454147

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7.6546164,-0.244050,9.511050,2.008050,9.723781,78.082138,91.469864

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8.1043262,-0.850050,9.538951,1.879050,9.759355,78.899040,95.092377

8.1067181,-0.838050,9.499050,1.888050,9.721061,78.800682,95.041847

8.1091099,-0.808950,9.499050,1.909950,9.722874,78.671211,94.867630

8.1115017,-0.795000,9.465000,1.855050,9.677782,78.949081,94.801216

8.1138945,-0.795000,9.444000,1.840050,9.654375,79.012642,94.811836

8.1162863,-0.795000,9.412951,1.813950,9.619047,79.130135,94.827637

8.1186781,-0.811950,9.427051,1.807050,9.632963,79.187813,94.922722

8.1210709,-0.795000,9.417001,1.780050,9.616678,79.333023,94.825569

8.1234627,-0.796950,9.420000,1.776000,9.619029,79.360207,94.835815

8.1258545,-0.780000,9.424951,1.747050,9.617187,79.533585,94.730965

8.1282473,-0.768000,9.429001,1.725000,9.616211,79.666084,94.656509

8.1306391,-0.706050,9.439051,1.732050,9.622587,79.630333,94.277809

8.1330309,-0.688950,9.456000,1.716000,9.635105,79.740967,94.167122

8.1354237,-0.682050,9.465000,1.713000,9.642914,79.767479,94.121620

8.1378155,-0.658050,9.469951,1.689000,9.641873,79.911247,93.974991

8.1402073,-0.646050,9.492001,1.677000,9.660631,80.003319,93.893692

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8.1760883,-0.438000,9.477000,1.785000,9.653580,79.344376,92.646164

8.1784801,-0.466950,9.481951,1.756050,9.654488,79.520164,92.819321

8.1808729,-0.451950,9.475051,1.761000,9.647900,79.483025,92.730881

8.1832647,-0.486000,9.493951,1.723050,9.661273,79.726563,92.930443

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8.1880484,-0.474000,9.508051,1.732050,9.676141,79.688354,92.853973

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8.1928329,-0.481050,9.520050,1.741950,9.690055,79.643822,92.892708

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8.2000093,-0.445050,9.441000,1.717950,9.606347,79.698097,92.698936

8.2024012,-0.475950,9.433950,1.713000,9.600017,79.721252,92.888168

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8.2191458,-0.429000,9.480000,1.648950,9.631900,80.142593,92.591049

8.2215376,-0.442950,9.487050,1.653000,9.640162,80.126694,92.673195

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8.2311058,-0.469050,9.532050,1.705950,9.694857,79.865211,92.817123

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8.2406740,-0.490950,9.523050,1.753950,9.695662,79.577782,92.951202

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8.2454586,-0.534000,9.541950,1.759050,9.717419,79.570808,93.203125

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8.2526340,-0.634050,9.532050,1.777950,9.717155,79.457184,93.805580

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16.7205925,-0.487950,9.396001,2.038950,9.627058,77.772514,92.972794

16.7229843,-0.505050,9.433950,2.077050,9.673088,77.600624,93.064423

16.7253761,-0.562950,9.427051,2.095950,9.673635,77.486702,93.417442

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17.1559505,-0.220050,9.400950,2.142000,9.644401,77.167725,91.340889

17.1583424,-0.259050,9.405001,2.149050,9.650884,77.133560,91.577751

17.1607361,-0.265950,9.391050,2.149050,9.637478,77.115356,91.622154

17.1631279,-0.253950,9.396001,2.161050,9.644660,77.051979,91.548180

17.1655197,-0.253950,9.397950,2.166000,9.647669,77.025925,91.547859

17.1679115,-0.256050,9.408000,2.185050,9.661805,76.929291,91.558990

17.1703033,-0.250950,9.412951,2.190000,9.667611,76.907158,91.527145

17.1726952,-0.241950,9.436951,2.218950,9.697335,76.772354,91.468658

17.1750870,-0.277950,9.432000,2.239950,9.698312,76.646233,91.687950

17.1774788,-0.292050,9.400950,2.257050,9.672509,76.505798,91.779381

17.1798725,-0.280050,9.405001,2.239950,9.672117,76.609390,91.705574

17.1822643,-0.318000,9.412951,2.239950,9.681020,76.621933,91.934898

17.1846561,-0.333000,9.421950,2.266050,9.696341,76.484901,92.024162

17.1870499,-0.345000,9.409950,2.263950,9.684609,76.480995,92.099716

17.1894417,-0.334950,9.393001,2.308950,9.678425,76.198036,92.042274

17.1918335,-0.322950,9.391050,2.326050,9.680219,76.096405,91.969574

17.1942253,-0.333000,9.403050,2.338050,9.695087,76.045090,92.028229

17.1966171,-0.316050,9.364950,2.335950,9.657062,76.001862,91.932892

17.1990089,-0.250950,9.397950,2.341050,9.688393,76.016968,91.529587

17.2014008,-0.256050,9.412951,2.335950,9.701848,76.067787,91.558167

17.2037926,-0.220050,9.367050,2.290050,9.645433,76.265495,91.345741

17.2061863,-0.211050,9.364950,2.287950,9.642694,76.274361,91.291008

17.2085781,-0.190950,9.360001,2.305050,9.641541,76.168053,91.168709

17.2109699,-0.180000,9.355050,2.290050,9.632948,76.247345,91.102287

17.2133617,-0.184050,9.340950,2.262000,9.612693,76.389877,91.128784

17.2157536,-0.196050,9.313951,2.233050,9.579907,76.520508,91.205849

17.2181454,-0.199050,9.328951,2.185050,9.583496,76.820572,91.222321

17.2205372,-0.220050,9.360001,2.143950,9.604923,77.102142,91.346756

17.2229290,-0.237000,9.372001,2.122950,9.612361,77.240669,91.448593

17.2253227,-0.259050,9.391050,2.110950,9.628865,77.336105,91.580093

17.2277145,-0.306000,9.393001,2.113050,9.632605,77.328300,91.865891

17.2301064,-0.306000,9.420000,2.119950,9.660446,77.323479,91.860550

17.2324982,-0.337950,9.451051,2.143950,9.697066,77.226784,92.047905

17.2348900,-0.342000,9.415051,2.139000,9.661028,77.208427,92.080345

17.2372818,-0.364050,9.448050,2.155950,9.697747,77.154991,92.206619

17.2396736,-0.381000,9.481951,2.146950,9.729437,77.251884,92.300995

17.2420673,-0.394950,9.460051,2.104050,9.699256,77.471275,92.390671

17.2444592,-0.426000,9.477000,2.110950,9.718596,77.454941,92.573769

17.2468510,-0.429000,9.468000,2.170950,9.723173,77.098488,92.594330

17.2492428,-0.454950,9.457951,2.199000,9.720875,76.925713,92.753944

17.2516346,-0.466950,9.453000,2.230050,9.723701,76.741684,92.827942

17.2540264,-0.487950,9.415051,2.227950,9.687365,76.703804,92.966789

17.2564182,-0.519000,9.424951,2.202000,9.692671,76.868782,93.151901

17.2588100,-0.529050,9.441000,2.173050,9.702294,77.057518,93.207359

17.2612038,-0.543000,9.453000,2.158950,9.711597,77.155464,93.287575

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17.2659874,-0.553050,9.400950,2.139000,9.657073,77.203102,93.366783

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17.2707710,-0.490950,9.381001,2.161050,9.639209,77.044533,92.995811

17.2731628,-0.493050,9.388950,2.197050,9.655181,76.847046,93.006058

17.2755547,-0.463950,9.397950,2.199000,9.662935,76.845917,92.826233

17.2779465,-0.462000,9.396001,2.221050,9.665989,76.715889,92.814957

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17.2827320,-0.430950,9.397950,2.130000,9.645936,77.242897,92.625504

17.2851238,-0.418950,9.379050,2.110950,9.622797,77.327988,92.557625

17.2875156,-0.385050,9.385950,2.125050,9.631207,77.253250,92.349190

17.2899075,-0.346950,9.384001,2.098950,9.622133,77.400322,92.117401

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17.2994766,-0.273000,9.381001,2.151000,9.628318,77.090981,91.666916

17.3018684,-0.304050,9.379050,2.122950,9.621119,77.252480,91.856766

17.3042603,-0.313950,9.405001,2.106000,9.643021,77.385139,91.911888

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17.3114357,-0.354000,9.379050,2.151000,9.629055,77.091988,92.161530

17.3138275,-0.393000,9.393001,2.151000,9.644155,77.112549,92.395836

17.3162212,-0.448050,9.405001,2.137050,9.655143,77.212364,92.727486

17.3186131,-0.502950,9.381001,2.155950,9.638685,77.074921,93.068901

17.3210049,-0.558000,9.409950,2.191950,9.677974,76.909576,93.393608

17.3233967,-0.603000,9.445951,2.191950,9.715670,76.961266,93.652626

17.3257885,-0.618000,9.420000,2.206950,9.694791,76.841660,93.753517

17.3281803,-0.630000,9.433950,2.239950,9.716671,76.671928,93.820541

17.3305721,-0.649050,9.445951,2.250000,9.731894,76.632355,93.930725

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17.3353577,-0.655950,9.433950,2.223000,9.714495,76.771606,93.977417

17.3377495,-0.667950,9.420000,2.238000,9.705215,76.667740,94.055923

17.3401413,-0.655950,9.424951,2.257050,9.713611,76.563972,93.981209

17.3425331,-0.678000,9.427051,2.242050,9.713689,76.655029,94.113670

17.3449249,-0.685050,9.432000,2.259000,9.722911,76.565254,94.154121

17.3473167,-0.688950,9.396001,2.254050,9.687117,76.544777,94.193634

17.3497086,-0.709050,9.408000,2.262000,9.702055,76.517609,94.310043

17.3521023,-0.685050,9.388950,2.233050,9.675133,76.655647,94.173103

17.3544941,-0.697050,9.412951,2.206950,9.693304,76.839607,94.235153

17.3568859,-0.727950,9.396001,2.197050,9.676868,76.877052,94.430107

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17.3616695,-0.658050,9.372001,2.194950,9.648068,76.849983,94.016403

17.3640614,-0.622050,9.367050,2.187000,9.639064,76.886002,93.799339

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17.3736305,-0.502950,9.396001,2.178000,9.658234,76.967300,93.064011

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17.3808060,-0.469050,9.361951,2.122950,9.611090,77.238953,92.868217

17.3831978,-0.462000,9.409950,2.125050,9.657973,77.289169,92.810791

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17.3879814,-0.484050,9.408000,2.101050,9.651900,77.427048,92.945320

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17.3927670,-0.475950,9.439051,2.077050,9.676588,77.605186,92.886612

17.3951588,-0.457050,9.480000,2.107950,9.722281,77.477882,92.760208

17.3975506,-0.442950,9.456000,2.134950,9.704131,77.290718,92.681961

17.3999424,-0.385050,9.436951,2.155950,9.687746,77.141502,92.336510

17.4023342,-0.361050,9.436951,2.187000,9.693779,76.961327,92.191025

17.4047260,-0.357000,9.417001,2.179950,9.672618,76.975166,92.171051

17.4071198,-0.358950,9.412951,2.191950,9.671459,76.900604,92.183838

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17.4119034,-0.330000,9.400950,2.214000,9.663776,76.755737,92.010422

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17.4166889,-0.388050,9.367050,2.235000,9.637813,76.591095,92.372246

17.4190807,-0.405000,9.364950,2.211000,9.630931,76.728073,92.476288

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17.4334335,-0.433050,9.391050,2.221050,9.659835,76.707268,92.640213

17.4358253,-0.430950,9.415051,2.197050,9.677599,76.878059,92.620743

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17.4477863,-0.297000,9.381001,2.134950,9.625456,77.185074,91.813362

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17.4525700,-0.309000,9.405001,2.154000,9.653458,77.106911,91.881767

17.4549618,-0.316050,9.412951,2.163000,9.663441,77.065720,91.923042

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17.6391506,-0.595950,9.361951,2.314050,9.662097,76.143105,93.642342

17.6415424,-0.591000,9.343050,2.299950,9.640105,76.197166,93.619453

17.6439362,-0.607950,9.343050,2.262000,9.632177,76.417931,93.722977

17.6463280,-0.594000,9.340950,2.245050,9.625302,76.511826,93.638596

17.6487198,-0.601050,9.304951,2.230050,9.587309,76.549545,93.695869

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17.6535034,-0.570000,9.328951,2.170950,9.595168,76.923340,93.496429

17.6558952,-0.558000,9.360001,2.161050,9.622427,77.021538,93.411674

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17.6774235,-0.490950,9.457951,2.053050,9.690660,77.768707,92.971481

17.6798191,-0.505050,9.445951,2.056050,9.680309,77.737251,93.060539

17.6822109,-0.469050,9.453000,2.086950,9.691985,77.565262,92.840637

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17.6893864,-0.475950,9.421950,2.118000,9.668796,77.346451,92.891838

17.6917782,-0.469050,9.439051,2.128050,9.687325,77.310135,92.844833

17.6941700,-0.490950,9.441000,2.118000,9.688108,77.372093,92.976807

17.6965618,-0.493050,9.448050,2.128050,9.697286,77.323387,92.987289

17.6989555,-0.469050,9.432000,2.107950,9.676057,77.417084,92.846954

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17.7133064,-0.526950,9.456000,2.065050,9.693196,77.699364,93.189598

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17.7204838,-0.538950,9.405001,2.116050,9.655163,77.340149,93.279724

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17.7444038,-0.418950,9.384001,2.178000,9.642545,76.945724,92.556282

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17.7826767,-0.606000,9.400950,2.154000,9.663582,77.120651,93.688271

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18.1103916,-0.417000,9.445951,2.139000,9.694080,77.252777,92.527733

18.1127834,-0.400050,9.415051,2.139000,9.663258,77.211433,92.433060

18.1151752,-0.390000,9.429001,2.119950,9.672246,77.339203,92.368507

18.1175671,-0.376050,9.420000,2.118000,9.662492,77.338058,92.286057

18.1199608,-0.364050,9.429001,2.107950,9.668612,77.407242,92.211067

18.1223526,-0.370950,9.396001,2.089050,9.632579,77.474541,92.260841

18.1247444,-0.357000,9.361951,2.070000,9.594710,77.540825,92.183807

18.1271362,-0.322950,9.384001,2.041050,9.608832,77.736145,91.971054

18.1295280,-0.301950,9.372001,2.008050,9.589464,77.912704,91.845337

18.1319199,-0.280050,9.357000,2.001000,9.572664,77.934326,91.714317

18.1343117,-0.250950,9.379050,1.977000,9.588435,78.101074,91.532669

18.1367054,-0.223050,9.376950,1.969050,9.584055,78.144119,91.362640

18.1390972,-0.165000,9.388950,1.918950,9.584466,78.450493,91.006805

18.1414890,-0.172050,9.396001,1.917000,9.591106,78.470490,91.049026

18.1438808,-0.148050,9.429001,1.894950,9.618670,78.637978,90.899559

18.1462727,-0.148050,9.444000,1.867050,9.627925,78.818344,90.898132

18.1486645,-0.127050,9.460051,1.846950,9.639498,78.953690,90.769447

18.1510563,-0.120000,9.469951,1.845000,9.648750,78.976219,90.725990

18.1534481,-0.124050,9.487050,1.821000,9.661033,79.135376,90.749138

18.1558418,-0.117000,9.472051,1.807050,9.643592,79.199875,90.707687

18.1582336,-0.121950,9.456000,1.825950,9.631454,79.071609,90.738876

18.1606255,-0.117000,9.465000,1.813950,9.637963,79.151726,90.708214

18.1630173,-0.145950,9.481951,1.819050,9.655964,79.141380,90.881851

18.1654091,-0.190950,9.465000,1.834950,9.643118,79.030525,91.155746

18.1678009,-0.217950,9.448050,1.837950,9.627627,78.994469,91.321480

18.1701927,-0.250950,9.444000,1.852050,9.627160,78.908432,91.522133

18.1725845,-0.298950,9.441000,1.869000,9.628864,78.807617,91.813667

18.1749783,-0.322950,9.441000,1.870950,9.630017,78.797150,91.959160

18.1773701,-0.357000,9.409950,1.905000,9.607478,78.563423,92.172676

18.1797619,-0.397050,9.432000,1.912050,9.632041,78.550194,92.410500

18.1821537,-0.417000,9.409950,1.929000,9.614681,78.426155,92.537392

18.1845455,-0.450000,9.433950,1.942950,9.642457,78.375343,92.730942

18.1869373,-0.517050,9.427051,1.936050,9.637682,78.411377,93.139381

18.1893291,-0.526950,9.439051,1.945950,9.651947,78.368752,93.195313

18.1917229,-0.558000,9.445951,1.938000,9.658840,78.425308,93.380699

18.1941147,-0.598950,9.457951,1.945950,9.674621,78.396385,93.623573

18.1965065,-0.627000,9.457951,1.933950,9.673992,78.468170,93.792786

18.1988983,-0.643950,9.475051,1.942950,9.693623,78.437546,93.888000

18.2012901,-0.654000,9.492001,1.969050,9.716118,78.307556,93.941460

18.2036819,-0.651000,9.511050,2.020050,9.744972,78.036324,93.915604

18.2060738,-0.670050,9.499050,2.032050,9.737050,77.954254,94.034882

18.2084656,-0.654000,9.465000,2.062950,9.709259,77.732719,93.952667

18.2108612,-0.670050,9.468000,2.049000,9.710324,77.818306,94.048073

18.2132530,-0.658050,9.465000,2.049000,9.706578,77.813530,93.977066

18.2156448,-0.655950,9.457951,2.022000,9.693894,77.960564,93.967361

18.2180367,-0.646050,9.448050,2.038950,9.687123,77.849487,93.911751

18.2204285,-0.607950,9.444000,2.053050,9.683685,77.759758,93.683289

18.2228203,-0.598950,9.444000,2.071950,9.687149,77.649796,93.628906

18.2252121,-0.603000,9.460051,2.068050,9.702216,77.692848,93.647202

18.2276058,-0.606000,9.453000,2.068050,9.695528,77.684227,93.668022

18.2299976,-0.610050,9.427051,2.068050,9.670485,77.651825,93.702606

18.2323895,-0.673050,9.456000,2.059950,9.701151,77.740433,94.071274

18.2347813,-0.699000,9.465000,2.034000,9.706285,77.903725,94.223686

18.2371731,-0.742050,9.492001,2.022000,9.733303,78.010033,94.470085

18.2395649,-0.783000,9.501000,1.986000,9.737880,78.232201,94.711235

18.2419567,-0.799950,9.508051,1.996050,9.748188,78.184486,94.809196

18.2443485,-0.847950,9.504001,1.986000,9.746243,78.242447,95.098450

18.2467422,-0.864000,9.487050,2.001000,9.734199,78.137489,95.203659

18.2491341,-0.844950,9.465000,1.996050,9.710014,78.137360,95.101326

18.2515259,-0.856950,9.444000,2.002950,9.692023,78.073326,95.184830

18.2539177,-0.819000,9.451051,2.008050,9.696669,78.048325,94.952713

18.2563095,-0.808950,9.436951,2.017050,9.683952,77.977966,94.899506

18.2587013,-0.807000,9.439051,2.037000,9.690010,77.864960,94.886673

18.2610931,-0.763950,9.429001,2.037000,9.676727,77.848045,94.632065

18.2634869,-0.771000,9.385950,2.058000,9.639807,77.673058,94.695961

18.2658787,-0.735000,9.373950,2.034000,9.620204,77.793831,94.483322

18.2682705,-0.735000,9.369000,2.022000,9.612849,77.857521,94.485680

18.2706623,-0.727950,9.384001,2.005050,9.623389,77.974220,94.435753

18.2730541,-0.751950,9.381001,1.977000,9.616504,78.136307,94.582840

18.2754459,-0.742050,9.420000,1.966950,9.651731,78.241180,94.504112

18.2778378,-0.751950,9.424951,1.969050,9.657758,78.235893,94.561562

18.2802296,-0.792000,9.424951,1.966950,9.660531,78.252045,94.803413

18.2826233,-0.778050,9.451051,1.984050,9.688353,78.182961,94.706215

18.2850151,-0.784950,9.436951,1.962000,9.670658,78.294472,94.754822

18.2874069,-0.799950,9.427051,1.929000,9.655581,78.475853,94.850319

18.2897987,-0.804000,9.433950,1.950000,9.666868,78.362442,94.871208

18.2921906,-0.795000,9.429001,1.953000,9.661900,78.338211,94.819458

18.2945824,-0.780000,9.412951,1.965000,9.647449,78.247711,94.736969

18.2969742,-0.778050,9.415051,1.974000,9.651176,78.197739,94.724129

18.2993660,-0.790050,9.424951,1.984050,9.663867,78.152588,94.791641

18.3017597,-0.763950,9.400950,1.930950,9.627567,78.430016,94.645821

18.3041515,-0.763950,9.405001,1.930950,9.631522,78.434837,94.643829

18.3065434,-0.783000,9.427051,1.914000,9.651206,78.561432,94.748024

18.3089352,-0.792000,9.432000,1.918950,9.657757,78.539330,94.799835

18.3113270,-0.784950,9.441000,1.918950,9.665972,78.549202,94.752792

18.3137188,-0.787950,9.433950,1.900050,9.655593,78.651138,94.774422

18.3161106,-0.747000,9.445951,1.888050,9.661715,78.730995,94.521629

18.3185043,-0.711000,9.456000,1.897950,9.670764,78.681870,94.299995

18.3208961,-0.666000,9.453000,1.885950,9.662275,78.744354,94.030045

18.3232880,-0.646050,9.444000,1.869000,9.648818,78.831062,93.913422

18.3256798,-0.622050,9.460051,1.852050,9.659689,78.946251,93.762093

18.3280716,-0.579000,9.481951,1.837950,9.675778,79.049919,93.494339

18.3304634,-0.550950,9.480000,1.804050,9.665844,79.243134,93.326126

18.3328552,-0.523950,9.499050,1.822950,9.686569,79.152618,93.157127

18.3352470,-0.511950,9.532050,1.801950,9.714375,79.310112,93.074303

18.3376408,-0.499950,9.541950,1.801950,9.723466,79.320229,92.999268

18.3400326,-0.481050,9.541950,1.855050,9.732493,79.011978,92.886078

18.3424244,-0.454950,9.538951,1.873950,9.731919,78.897949,92.730591

18.3448162,-0.421050,9.505951,1.905000,9.704093,78.678802,92.536163

18.3472080,-0.382950,9.505951,1.930950,9.707643,78.526756,92.306931

18.3495998,-0.345000,9.492001,1.981050,9.702662,78.218735,92.081581

18.3519917,-0.289950,9.451051,2.014950,9.667805,77.970306,91.757233

18.3543835,-0.241950,9.441000,1.998000,9.653135,78.054604,91.468033

18.3567772,-0.238950,9.424951,1.957950,9.629142,78.267899,91.452301

18.3591690,-0.250950,9.444000,1.926000,9.641660,78.477180,91.522133

18.3615608,-0.244050,9.453000,1.938000,9.652699,78.417839,91.478889

18.3639526,-0.241950,9.460051,1.953000,9.662572,78.339035,91.465073

18.3663445,-0.253950,9.451051,2.014950,9.666792,77.969025,91.539169

18.3687363,-0.244050,9.472051,2.037000,9.691681,77.867081,91.475914

18.3711281,-0.226950,9.480000,2.056050,9.703053,77.766441,91.371391

18.3735218,-0.249000,9.468000,2.098950,9.701063,77.504501,91.506477

18.3759136,-0.256050,9.451051,2.110950,9.687312,77.413765,91.551888

18.3783054,-0.261000,9.448050,2.151000,9.693327,77.179039,91.582382

18.3806973,-0.268050,9.445951,2.197050,9.701797,76.911369,91.625458

18.3830891,-0.256050,9.397950,2.218950,9.659749,76.719948,91.560654

18.3854809,-0.223050,9.412951,2.218950,9.673527,76.739204,91.357430

18.3878727,-0.213000,9.373950,2.211000,9.633527,76.731720,91.301682

18.3902645,-0.201000,9.384001,2.233050,9.648129,76.617599,91.227058

18.3926582,-0.156000,9.346050,2.245050,9.613181,76.494499,90.956268

18.3950500,-0.124050,9.331051,2.199000,9.587466,76.740486,90.761665

18.3974419,-0.124050,9.283051,2.155950,9.530925,76.926208,90.765602

18.3998337,-0.112050,9.298051,2.082000,9.528957,77.379532,90.690430

18.4022255,-0.151050,9.319051,2.013000,9.535182,77.812424,90.928612

18.4046173,-0.220050,9.310050,2.002950,9.525611,77.861824,91.353973

18.4070091,-0.285000,9.352950,2.037000,9.576444,77.718819,91.745361

18.4094009,-0.304050,9.415051,2.074950,9.645779,77.577736,91.849670

18.4117947,-0.328050,9.420000,2.089050,9.654437,77.503357,91.994507

18.4141865,-0.282000,9.412951,2.116050,9.651986,77.335915,91.715996

18.4165783,-0.220050,9.369000,2.095950,9.603104,77.393288,91.345459

18.4189701,-0.148050,9.325951,2.017050,9.542734,77.797333,90.909500

18.4213619,-0.097950,9.292951,1.870950,9.479925,78.617424,90.603889

18.4237537,-0.124050,9.280951,1.822950,9.459101,78.888489,90.765778

18.4261456,-0.180000,9.295051,1.780050,9.465672,79.160805,91.109406

18.4285393,-0.261000,9.357000,1.819050,9.535750,79.002800,91.597771

18.4309311,-0.376050,9.427051,1.900050,9.623975,78.613358,92.284348

18.4333229,-0.390000,9.463051,1.957950,9.671350,78.319824,92.359993

18.4357147,-0.366000,9.493951,1.981050,9.705339,78.222031,92.207710

18.4381065,-0.334950,9.499050,2.013000,9.715776,78.042343,92.019493

18.4404984,-0.301950,9.499050,2.062950,9.725168,77.753098,91.820671

18.4428902,-0.274950,9.489000,2.065050,9.714997,77.727402,91.659721

18.4452820,-0.237000,9.469951,2.062950,9.694942,77.714317,91.433617

18.4476757,-0.226950,9.472051,2.026950,9.689157,77.924660,91.372543

18.4500675,-0.223050,9.508051,1.993050,9.717255,78.164398,91.343857

18.4524593,-0.232050,9.489000,1.984050,9.696980,78.193626,91.400871

18.4548512,-0.229950,9.508051,2.013000,9.721526,78.049515,91.385414

18.4572430,-0.238950,9.520050,2.037000,9.738471,77.926262,91.437805

18.4596348,-0.247050,9.523050,2.086950,9.752173,77.643227,91.486053

18.4620266,-0.265950,9.475051,2.139000,9.717132,77.283524,91.607780

18.4644222,-0.265950,9.468000,2.227950,9.730237,76.763451,91.608978

18.4668121,-0.273000,9.457951,2.247000,9.725039,76.640923,91.653358

18.4692039,-0.301950,9.436951,2.245050,9.705023,76.624687,91.832642

18.4715958,-0.298950,9.417001,2.259000,9.688774,76.517021,91.818291

18.4739895,-0.265950,9.384001,2.251950,9.654092,76.510696,91.623375

18.4763813,-0.270000,9.349951,2.235000,9.617157,76.561752,91.654083

18.4787731,-0.294000,9.364950,2.275950,9.642027,76.346779,91.798134

18.4811630,-0.333000,9.343050,2.320950,9.632771,76.057785,92.041245

18.4835587,-0.400050,9.304951,2.379000,9.612585,75.671082,92.461815

18.4859505,-0.472050,9.337951,2.403000,9.653733,75.586433,92.893944

18.4883423,-0.493050,9.336000,2.374050,9.645730,75.751701,93.023079

18.4907341,-0.529050,9.373950,2.355000,9.679714,75.919060,93.230247

18.4931259,-0.535950,9.379050,2.338050,9.680924,76.024261,93.270515

18.4955177,-0.583950,9.379050,2.308950,9.676716,76.195549,93.562698

18.4979095,-0.591000,9.391050,2.305050,9.687846,76.235474,93.601006

18.5003033,-0.591000,9.385950,2.298000,9.681227,76.268829,93.602959

18.5026951,-0.550950,9.397950,2.295000,9.689791,76.299461,93.355095

18.5050869,-0.531000,9.396001,2.278050,9.682784,76.392570,93.234543

18.5074787,-0.510000,9.405001,2.287950,9.692722,76.346581,93.103905

18.5098705,-0.484050,9.417001,2.263950,9.697406,76.499176,92.942513

18.5122623,-0.457050,9.400950,2.274000,9.682863,76.417343,92.783379

18.5146542,-0.426000,9.376950,2.257050,9.654167,76.479675,92.601189

18.5170460,-0.402000,9.373950,2.257050,9.650224,76.474045,92.455612

18.5194397,-0.417000,9.384001,2.202000,9.647910,76.806763,92.544395

18.5218315,-0.429000,9.361951,2.173050,9.620411,76.945419,92.623672

18.5242233,-0.426000,9.385950,2.137050,9.635586,77.185974,92.598701

18.5266151,-0.405000,9.391050,2.119950,9.635873,77.290611,92.469414

18.5290070,-0.412050,9.400950,2.107950,9.643189,77.373489,92.509705

18.5313988,-0.433050,9.379050,2.134950,9.628714,77.189484,92.643585

18.5337906,-0.451950,9.397950,2.128050,9.646467,77.255486,92.753250

18.5361824,-0.466950,9.379050,2.083950,9.619121,77.487854,92.850204

18.5385761,-0.469050,9.393001,2.026950,9.620655,77.837364,92.858757

18.5409679,-0.469050,9.361951,2.056050,9.596535,77.628517,92.868217

18.5433598,-0.481050,9.379050,2.082000,9.619392,77.500107,92.936119

18.5457516,-0.445050,9.409950,2.050950,9.641143,77.717674,92.707825

18.5481434,-0.460050,9.408000,2.044050,9.638477,77.756203,92.799530

18.5505352,-0.484050,9.420000,2.065050,9.655835,77.651024,92.941574

18.5529270,-0.514950,9.424951,2.101050,9.670020,77.450989,93.127357

18.5553207,-0.519000,9.433950,2.116050,9.682275,77.376183,93.148903

18.5577126,-0.534000,9.439051,2.125050,9.690030,77.331917,93.237968

18.5601044,-0.541050,9.460051,2.130000,9.711961,77.331070,93.273361

18.5624962,-0.553050,9.469951,2.113050,9.718580,77.442238,93.342308

18.5648880,-0.583950,9.457951,2.104050,9.706742,77.481094,93.533058

18.5672798,-0.574950,9.477000,2.082000,9.720021,77.631577,93.471764

18.5696716,-0.610050,9.465000,2.149050,9.725060,77.233360,93.687798

18.5720634,-0.639000,9.451051,2.233050,9.732275,76.735428,93.867966

18.5744572,-0.651000,9.456000,2.332950,9.761271,76.172432,93.938324

18.5768490,-0.649050,9.451051,2.368950,9.765017,75.960213,93.928612

18.5792408,-0.625050,9.408000,2.355000,9.718394,75.976257,93.801041

18.5816326,-0.601050,9.391050,2.331000,9.694671,76.087410,93.662071

18.5840244,-0.606000,9.322050,2.298000,9.620221,76.180031,93.719406

18.5864162,-0.631950,9.340950,2.269050,9.633343,76.376465,93.870377

18.5888081,-0.678000,9.352950,2.218950,9.636446,76.687241,94.146149

18.5911999,-0.691950,9.352950,2.227950,9.639514,76.636581,94.231148

18.5935936,-0.709050,9.372001,2.238000,9.661563,76.606384,94.326538

18.5959854,-0.742050,9.364950,2.263950,9.663250,76.450546,94.530479

18.5983772,-0.771000,9.379050,2.259000,9.678022,76.501762,94.699402

18.6007690,-0.757050,9.396001,2.259000,9.693351,76.523514,94.606461

18.6031609,-0.727950,9.433950,2.275950,9.731870,76.475235,94.412361

18.6055527,-0.703950,9.421950,2.259000,9.714514,76.553421,94.272850

18.6079445,-0.618000,9.421950,2.226000,9.701038,76.734718,93.752739

18.6103382,-0.550950,9.405001,2.175000,9.668930,77.000221,93.352585

18.6127300,-0.475950,9.409950,2.161050,9.666635,77.081924,92.895523

18.6151218,-0.405000,9.417001,2.146950,9.667126,77.168312,92.462624

18.6175137,-0.349050,9.417001,2.130000,9.661192,77.263374,92.122749

18.6199055,-0.298950,9.397950,2.139000,9.642933,77.184021,91.821968

18.6222973,-0.247050,9.403050,2.118000,9.641801,77.310440,91.505005

18.6246891,-0.229950,9.397950,2.119950,9.636832,77.291901,91.401642

18.6270809,-0.213000,9.397950,2.142000,9.641317,77.163551,91.298363

18.6294746,-0.201000,9.384001,2.125050,9.623706,77.243149,91.227058

18.6318665,-0.226950,9.364950,2.155950,9.612592,77.039223,91.388229

18.6342583,-0.226950,9.337951,2.166000,9.588555,76.944527,91.392242

18.6366501,-0.247050,9.322050,2.175000,9.575609,76.871269,91.518082

18.6390419,-0.282000,9.336000,2.166000,9.588117,76.943916,91.730133

18.6414337,-0.342000,9.324000,2.175000,9.580427,76.877991,92.100639

18.6438255,-0.369000,9.328951,2.179950,9.587371,76.857292,92.265114

18.6462173,-0.393000,9.319051,2.190000,9.580984,76.786644,92.414825

18.6486111,-0.378000,9.346050,2.175000,9.603237,76.909714,92.316063

18.6510029,-0.382950,9.367050,2.178000,9.624550,76.920883,92.341103

18.6533947,-0.378000,9.385950,2.146950,9.635784,77.125862,92.306221

18.6557865,-0.354000,9.400950,2.163000,9.653069,77.051582,92.156494

18.6581783,-0.349050,9.424951,2.190000,9.682336,76.927422,92.120964

18.6605701,-0.390000,9.405001,2.235000,9.674780,76.643280,92.374542

18.6629620,-0.382950,9.420000,2.286000,9.700972,76.370262,92.327957

18.6653557,-0.454950,9.424951,2.287950,9.709346,76.370407,92.763565

18.6677475,-0.522000,9.445951,2.251950,9.724698,76.610466,93.163048

18.6701393,-0.531000,9.469951,2.254050,9.748982,76.631752,93.209335

18.6725311,-0.555000,9.453000,2.269050,9.737342,76.524734,93.360062

18.6749229,-0.598950,9.453000,2.320950,9.752167,76.231865,93.625465

18.6773148,-0.655950,9.460051,2.359950,9.772011,76.024857,93.966484

18.6797066,-0.667950,9.448050,2.350050,9.758820,76.065475,94.043922

18.6820984,-0.699000,9.433950,2.344950,9.746118,76.077835,94.237534

18.6844921,-0.678000,9.460051,2.319000,9.763708,76.260246,94.099365

18.6868839,-0.723000,9.448050,2.311950,9.753640,76.288414,94.375961

18.6892757,-0.663000,9.429001,2.293050,9.726443,76.363914,94.022133

18.6916676,-0.661050,9.436951,2.298000,9.735186,76.346420,94.006973

18.6940594,-0.601050,9.385950,2.287950,9.679465,76.327515,93.664055

18.6964512,-0.538950,9.397950,2.271000,9.683458,76.436455,93.282181

18.6988430,-0.490950,9.379050,2.259000,9.659746,76.475739,92.996437

18.7012348,-0.448050,9.376950,2.254050,9.654465,76.498413,92.735626

18.7036285,-0.414000,9.364950,2.274000,9.645971,76.364395,92.531250

18.7060204,-0.354000,9.357000,2.239950,9.627884,76.546722,92.166618

18.7084122,-0.321000,9.349951,2.226000,9.616636,76.616142,91.966293

18.7108040,-0.282000,9.364950,2.250000,9.635575,76.496208,91.724785

18.7131958,-0.286950,9.357000,2.239950,9.625652,76.543541,91.756531

18.7155876,-0.294000,9.369000,2.242050,9.638018,76.548294,91.797356

18.7179794,-0.301950,9.361951,2.226000,9.627688,76.631790,91.847313

18.7203732,-0.306000,9.360001,2.275950,9.637592,76.340378,91.872467

18.7227669,-0.328050,9.340950,2.278050,9.620317,76.302498,92.011375

18.7251568,-0.354000,9.346050,2.263950,9.622860,76.392586,92.169151

18.7275486,-0.358950,9.337951,2.283000,9.619681,76.271233,92.201363

18.7299423,-0.400050,9.336000,2.271000,9.616569,76.340286,92.453636

18.7323341,-0.436050,9.352950,2.262000,9.632469,76.418350,92.669289

18.7347260,-0.462000,9.357000,2.298000,9.646124,76.217880,92.826675

18.7371178,-0.481050,9.369000,2.293050,9.657518,76.264694,92.939262

18.7395115,-0.505050,9.343050,2.317050,9.639314,76.091324,93.094185

18.7419033,-0.522000,9.334050,2.326050,9.633664,76.027855,93.200890

18.7442951,-0.555000,9.331051,2.355000,9.639635,75.859306,93.403877

18.7466869,-0.589050,9.349951,2.329050,9.653654,76.039024,93.604889

18.7490788,-0.631950,9.343050,2.287950,9.639848,76.270226,93.869507

18.7514706,-0.679950,9.361951,2.247000,9.651812,76.537666,94.154045

18.7538624,-0.663000,9.379050,2.223000,9.661671,76.697960,94.043480

18.7562561,-0.667950,9.355050,2.203950,9.634340,76.775932,94.083984

18.7586479,-0.666000,9.376950,2.214000,9.657771,76.747345,94.062622

18.7610397,-0.658050,9.352950,2.259000,9.644365,76.453758,94.024551

18.7634315,-0.607950,9.343050,2.311950,9.644030,76.129478,93.722977

18.7658234,-0.594000,9.357000,2.332950,9.661726,76.027092,93.632370

18.7682152,-0.619950,9.346050,2.319000,9.649391,76.094215,93.795029

18.7706070,-0.643950,9.369000,2.287950,9.665793,76.307800,93.931870

18.7729988,-0.678000,9.385950,2.278050,9.682214,76.391754,94.131622

18.7753925,-0.706050,9.420000,2.226000,9.705153,76.740448,94.286430

18.7777843,-0.736950,9.429001,2.227950,9.716631,76.744583,94.469025

18.7801762,-0.742050,9.432000,2.194950,9.712418,76.938652,94.498405

18.7825680,-0.735000,9.432000,2.202000,9.713478,76.897408,94.455841

18.7849598,-0.730050,9.427051,2.206950,9.709423,76.861847,94.428261

18.7873516,-0.727950,9.424951,2.206950,9.707226,76.858818,94.416557

18.7897434,-0.685050,9.441000,2.211000,9.720612,76.852730,94.150177

18.7921352,-0.630000,9.412951,2.206950,9.688713,76.833260,93.829041

18.7945290,-0.583950,9.405001,2.211000,9.679027,76.795219,93.552895

18.7969208,-0.541050,9.391050,2.203950,9.661365,76.813591,93.297356

18.7993126,-0.496050,9.384001,2.203950,9.652095,76.800697,93.025909

18.8017044,-0.462000,9.400950,2.185050,9.662596,76.930374,92.813477

18.8040962,-0.484050,9.367050,2.175000,9.628425,76.944565,92.958176

18.8064880,-0.519000,9.381001,2.191950,9.647652,76.867699,93.166641

18.8088799,-0.517050,9.391050,2.194950,9.658000,76.863747,93.151398

18.8112736,-0.558000,9.397950,2.167950,9.660892,77.032120,93.397926

18.8136654,-0.579000,9.397950,2.142000,9.656339,77.183861,93.525490

18.8160572,-0.601050,9.379050,2.122950,9.635079,77.271263,93.666748

18.8184490,-0.591000,9.348001,2.151000,9.610474,77.066597,93.617546

18.8208408,-0.606000,9.343050,2.215950,9.621344,76.684319,93.711067

18.8232327,-0.595950,9.312000,2.287950,9.607456,76.223022,93.661827

18.8256245,-0.562950,9.288000,2.308950,9.587236,76.064125,93.468483

18.8280163,-0.550950,9.301950,2.298000,9.597428,76.146561,93.389641

18.8304100,-0.535950,9.322050,2.307000,9.618217,76.121880,93.290466

18.8328018,-0.499950,9.304951,2.295000,9.596827,76.164124,93.075516

18.8351936,-0.469050,9.334050,2.274000,9.618502,76.324692,92.876778

18.8375854,-0.430950,9.322050,2.245050,9.598260,76.473106,92.646851

18.8399773,-0.451950,9.352950,2.230050,9.625750,76.604263,92.766472

18.8423691,-0.442950,9.384001,2.233050,9.656199,76.628998,92.702507

18.8447609,-0.436050,9.355050,2.202000,9.620598,76.768631,92.668694

18.8471527,-0.448050,9.369000,2.211000,9.636775,76.736267,92.737946

18.8495464,-0.475950,9.381001,2.239950,9.656453,76.587265,92.904442

18.8519382,-0.469050,9.367050,2.247000,9.644203,76.526848,92.866661

18.8543301,-0.474000,9.372001,2.259000,9.652055,76.464760,92.895332

18.8567219,-0.474000,9.346050,2.275950,9.630851,76.330627,92.903358

18.8591137,-0.481050,9.357000,2.290050,9.645164,76.265099,92.943024

18.8615055,-0.472050,9.331051,2.298000,9.621442,76.181824,92.896080

18.8638973,-0.448050,9.360001,2.290050,9.646486,76.267021,92.740578

18.8662910,-0.469050,9.352950,2.311950,9.645869,76.132172,92.870979

18.8686829,-0.475950,9.376950,2.329050,9.673583,76.068367,92.905693

18.8710747,-0.450000,9.373950,2.329050,9.669432,76.062263,92.748398

18.8734665,-0.439950,9.393001,2.329050,9.687440,76.088692,92.681664

18.8758583,-0.433050,9.415051,2.317050,9.705639,76.188263,92.633492

18.8782501,-0.429000,9.397950,2.283000,9.680785,76.359566,92.613640

18.8806419,-0.424050,9.385950,2.290050,9.670585,76.301910,92.586823

18.8830338,-0.421050,9.369000,2.305050,9.657573,76.191475,92.573181

18.8854275,-0.414000,9.352950,2.335950,9.649132,75.990120,92.534492

18.8878193,-0.448050,9.367050,2.332950,9.663593,76.029846,92.738518

18.8902111,-0.472050,9.381001,2.343000,9.680684,75.993713,92.880684

18.8926029,-0.499950,9.379050,2.344950,9.680668,75.981796,93.051262

18.8949947,-0.543000,9.352950,2.323950,9.652630,76.068703,93.322662

18.8973866,-0.559950,9.403050,2.320950,9.701428,76.158432,93.407928

18.8997784,-0.594000,9.384001,2.332950,9.687878,76.065575,93.621948

18.9021702,-0.589050,9.393001,2.307000,9.690082,76.226837,93.588409

18.9045639,-0.607950,9.372001,2.314050,9.672582,76.158424,93.711502

18.9069557,-0.586950,9.381001,2.305050,9.677858,76.220985,93.580215

18.9093475,-0.583950,9.379050,2.311950,9.677432,76.178299,93.562698

18.9117393,-0.574950,9.373950,2.338050,9.678222,76.020279,93.509834

18.9141312,-0.559950,9.391050,2.320950,9.689797,76.141487,93.412277

18.9165230,-0.574950,9.360001,2.335950,9.664205,76.012421,93.515053

18.9189148,-0.613050,9.384001,2.311950,9.684029,76.187904,93.737778

18.9213085,-0.631950,9.384001,2.299950,9.682386,76.258629,93.852669

18.9237003,-0.654000,9.391050,2.257050,9.680590,76.517281,93.983688

18.9260921,-0.688950,9.405001,2.257050,9.696545,76.539879,94.189636

18.9284840,-0.724950,9.441000,2.254050,9.733385,76.609932,94.390976

18.9308758,-0.748950,9.441000,2.242050,9.732430,76.681206,94.535751

18.9332676,-0.784950,9.472051,2.239950,9.764900,76.738960,94.737282

18.9356594,-0.745050,9.445951,2.209050,9.729388,76.876587,94.509872

18.9380512,-0.754050,9.421950,2.170950,9.698183,77.064667,94.575699

18.9404449,-0.759000,9.427051,2.173050,9.703995,77.059822,94.603127

18.9428368,-0.748950,9.393001,2.167950,9.668991,77.043175,94.558830

18.9452286,-0.759000,9.393001,2.154000,9.666657,77.124825,94.619743

18.9476204,-0.766050,9.400950,2.122950,9.668072,77.315422,94.658539

18.9500122,-0.796950,9.417001,2.104050,9.682048,77.448647,94.837349

18.9524040,-0.792000,9.415051,2.098950,9.678638,77.475082,94.808434

18.9547958,-0.826050,9.417001,2.041050,9.670995,77.816185,95.013100

18.9571877,-0.876000,9.412951,2.002950,9.663479,78.037582,95.316818

18.9595814,-0.859050,9.424951,1.972050,9.667298,78.229507,95.207909

18.9619732,-0.862050,9.445951,1.969050,9.687428,78.272438,95.214447

18.9643650,-0.900000,9.453000,1.969050,9.697750,78.285103,95.438614

18.9667568,-0.855000,9.456000,1.972050,9.697213,78.266342,95.166565

18.9691486,-0.835950,9.465000,1.998000,9.709637,78.125130,95.047272

18.9715405,-0.832950,9.489000,2.025000,9.738356,77.998306,95.016602

18.9739323,-0.814050,9.489000,2.038950,9.739668,77.916031,94.903328

18.9763260,-0.780000,9.477000,2.065050,9.730692,77.747505,94.705093

18.9787178,-0.771000,9.448050,2.089050,9.706917,77.572006,94.665237

18.9811096,-0.754050,9.445951,2.101050,9.706131,77.498436,94.564117

18.9835033,-0.772950,9.457951,2.101050,9.719295,77.515640,94.672112

18.9858932,-0.771000,9.451051,2.095950,9.711324,77.536041,94.663757

18.9882870,-0.745050,9.415051,2.130000,9.681693,77.290802,94.524612

18.9906788,-0.706050,9.400950,2.119950,9.662845,77.326683,94.295082

18.9930687,-0.634050,9.393001,2.092050,9.644021,77.471390,93.861740

18.9954624,-0.615000,9.384001,2.094000,9.634445,77.446854,93.749634

18.9978561,-0.595950,9.361951,2.098950,9.612849,77.387955,93.642342

19.0002480,-0.567000,9.361951,2.104050,9.612213,77.355957,93.465843

19.0026398,-0.550950,9.352950,2.154000,9.613581,77.052505,93.371201

19.0050316,-0.567000,9.391050,2.149050,9.650478,77.133011,93.455132

19.0074234,-0.541050,9.391050,2.194950,9.659315,76.865562,93.297356

19.0098152,-0.579000,9.379050,2.187000,9.648046,76.898430,93.532578

19.0122089,-0.625050,9.400950,2.202000,9.675606,76.845207,93.803879

19.0146008,-0.619950,9.396001,2.178000,9.665032,76.976631,93.774918

19.0169926,-0.603000,9.427051,2.161050,9.690357,77.114090,93.659927

19.0193844,-0.631950,9.408000,2.092050,9.658494,77.490463,93.842873

19.0217762,-0.598950,9.379050,2.137050,9.638065,77.189323,93.653969

19.0241680,-0.649050,9.388950,2.197050,9.664403,76.859818,93.954514

19.0265598,-0.691950,9.391050,2.235000,9.678112,76.647964,94.214043

19.0289516,-0.739950,9.432000,2.251950,9.725298,76.611305,94.485725

19.0313454,-0.814050,9.457951,2.257050,9.757550,76.625603,94.919350

19.0337372,-0.880950,9.475051,2.245050,9.777163,76.725189,95.311844

19.0361290,-0.960000,9.493951,2.254050,9.804971,76.709496,95.773956

19.0385208,-1.008000,9.465000,2.250000,9.780838,76.700478,96.078949

19.0409126,-1.063050,9.441000,2.223000,9.757268,76.830643,96.424408

19.0433044,-1.105950,9.480000,2.202000,9.795016,77.008400,96.654129

19.0456963,-1.089000,9.453000,2.155950,9.756703,77.233917,96.571594

19.0480900,-1.072950,9.439051,2.142000,9.738330,77.293571,96.485054

19.0504818,-1.012950,9.415051,2.131950,9.706413,77.311905,96.140739

19.0528736,-0.943050,9.441000,2.137050,9.725678,77.306664,95.704285

19.0552654,-0.828000,9.417001,2.119950,9.688120,77.360291,95.024872

19.0576572,-0.742050,9.441000,2.118000,9.704074,77.393211,94.494133

19.0600491,-0.642000,9.427051,2.110950,9.681816,77.406502,93.895935

19.0624409,-0.577050,9.427051,2.119950,9.679693,77.349106,93.502831

19.0648327,-0.474000,9.451051,2.086950,9.690325,77.563095,92.871155

19.0672264,-0.417000,9.412951,2.086950,9.650538,77.511002,92.536583

19.0696182,-0.406950,9.420000,2.049000,9.648856,77.739502,92.473679

19.0720100,-0.381000,9.427051,2.050950,9.655094,77.735703,92.314384

19.0744019,-0.400050,9.400950,2.041050,9.628281,77.761299,92.436707

19.0767937,-0.385050,9.384001,2.089050,9.621428,77.459785,92.349678

19.0791855,-0.349050,9.373950,2.101050,9.612865,77.375153,92.132492

19.0815773,-0.322950,9.313951,2.104050,9.554109,77.277771,91.985863

19.0839691,-0.304050,9.298051,2.110950,9.539513,77.215485,91.872925

19.0863628,-0.306000,9.267000,2.118000,9.510880,77.132782,91.891243

19.0887547,-0.277950,9.274051,2.095950,9.512007,77.270538,91.716682

19.0911465,-0.310950,9.277950,2.077050,9.512686,77.388138,91.919548

19.0935383,-0.318000,9.300000,2.104050,9.540343,77.259109,91.958382

19.0959301,-0.346950,9.312000,2.110950,9.554571,77.235977,92.133759

19.0983219,-0.414000,9.340950,2.083950,9.579540,77.435310,92.537743

19.1007137,-0.445050,9.376950,2.092050,9.617792,77.436661,92.717339

19.1031075,-0.448050,9.405001,2.068050,9.640105,77.612297,92.727486

19.1054993,-0.499950,9.427051,2.086950,9.668226,77.534218,93.035751

19.1078911,-0.517050,9.433950,2.131950,9.685658,77.284264,93.137093

19.1102829,-0.523950,9.420000,2.163000,9.679333,77.087318,93.183571

19.1126747,-0.529050,9.456000,2.173050,9.716891,77.077293,93.202278

19.1150665,-0.496050,9.439051,2.230050,9.711584,76.724838,93.008293

19.1174583,-0.490950,9.415051,2.262000,9.695404,76.508186,92.985001

19.1198502,-0.493050,9.412951,2.283000,9.698393,76.384811,92.998413

19.1222439,-0.484050,9.433950,2.263950,9.713866,76.522484,92.937233

19.1246357,-0.438000,9.432000,2.266050,9.710276,76.504662,92.658775

19.1270275,-0.433050,9.427051,2.247000,9.700816,76.606941,92.630142

19.1294193,-0.433050,9.405001,2.281050,9.687350,76.380852,92.636299

19.1318111,-0.442950,9.409950,2.262000,9.688138,76.497879,92.695068

19.1342030,-0.417000,9.408000,2.223000,9.676057,76.718094,92.537918

19.1365948,-0.421050,9.376950,2.211000,9.643288,76.745392,92.571007

19.1389866,-0.393000,9.352950,2.227950,9.622676,76.612762,92.406090

19.1413803,-0.354000,9.367050,2.238000,9.637198,76.571884,92.164291

19.1437721,-0.313950,9.349951,2.233050,9.618038,76.574951,91.923141

19.1461639,-0.265950,9.348001,2.250000,9.618646,76.471992,91.629623

19.1485558,-0.247050,9.348001,2.233050,9.614191,76.569481,91.513870

19.1509476,-0.249000,9.307051,2.214000,9.570004,76.623558,91.532524

19.1533394,-0.256050,9.312000,2.197050,9.571099,76.729393,91.575050

19.1557312,-0.247050,9.352950,2.211000,9.613908,76.704147,91.513069

19.1581249,-0.253950,9.331051,2.211000,9.592785,76.674332,91.558952

19.1605167,-0.280050,9.343050,2.191950,9.600815,76.802475,91.716881

19.1629086,-0.298950,9.349951,2.151000,9.598841,77.050652,91.831322

19.1653004,-0.280050,9.373950,2.139000,9.618976,77.151550,91.711220

19.1676922,-0.274950,9.388950,2.149050,9.635684,77.112915,91.677391

19.1700840,-0.270000,9.397950,2.185050,9.652399,76.916328,91.645638

19.1724758,-0.297000,9.412951,2.202000,9.671641,76.839714,91.807213

19.1748676,-0.301950,9.412951,2.235000,9.679361,76.649719,91.837311

19.1772614,-0.321000,9.421950,2.227950,9.687102,76.703438,91.951279

19.1796532,-0.352050,9.421950,2.266050,9.697014,76.485855,92.139854

19.1820450,-0.370950,9.441000,2.269050,9.716928,76.495888,92.250076

19.1844368,-0.393000,9.439051,2.245050,9.710323,76.632126,92.384163

19.1868286,-0.438000,9.391050,2.286000,9.675199,76.333252,92.670349

19.1892204,-0.523950,9.376950,2.302050,9.669599,76.227287,93.198158

19.1916122,-0.547950,9.372001,2.311950,9.668493,76.165268,93.346085

19.1940041,-0.613050,9.337951,2.347950,9.648110,75.915154,93.756165

19.1963978,-0.682050,9.324000,2.323950,9.633427,76.040375,94.183731

19.1987896,-0.715950,9.325951,2.356950,9.645784,75.856560,94.389969

19.2011814,-0.723000,9.301950,2.283000,9.605265,76.250221,94.444412

19.2035732,-0.721050,9.312000,2.247000,9.606366,76.472771,94.427711

19.2059650,-0.712950,9.336000,2.199000,9.617942,76.783264,94.366959

19.2083569,-0.747000,9.325951,2.223000,9.616293,76.634026,94.579559

19.2107487,-0.747000,9.355050,2.247000,9.650077,76.535202,94.565376

19.2131424,-0.735000,9.355050,2.271000,9.654772,76.395378,94.492340

19.2155342,-0.709050,9.373950,2.302050,9.678488,76.240189,94.325645

19.2179260,-0.700950,9.393001,2.298000,9.695391,76.289284,94.267769

19.2203178,-0.711000,9.424951,2.230050,9.711248,76.724373,94.314110

19.2227097,-0.724950,9.441000,2.175000,9.715383,77.063454,94.390976

19.2251015,-0.694050,9.480000,2.134950,9.742183,77.341187,94.187271

19.2274933,-0.673050,9.465000,2.122950,9.723484,77.388901,94.067421

19.2298851,-0.610050,9.505951,2.068050,9.747415,77.750801,93.671951

19.2322788,-0.538950,9.499050,2.041050,9.730792,77.892197,93.247322

19.2346706,-0.481050,9.475051,2.044050,9.704954,77.841354,92.906418

19.2370625,-0.463950,9.444000,2.068050,9.678906,77.662743,92.812477

19.2394543,-0.457050,9.472051,2.082000,9.708932,77.617226,92.762520

19.2418461,-0.438000,9.439051,2.122950,9.684753,77.337631,92.656792

19.2442379,-0.421050,9.420000,2.134950,9.668077,77.242523,92.559273

19.2466316,-0.460050,9.424951,2.187000,9.686295,76.951080,92.794502

19.2490215,-0.496050,9.408000,2.191950,9.672703,76.902313,93.018204

19.2514153,-0.529050,9.393001,2.221050,9.666510,76.716614,93.223717

19.2538071,-0.570000,9.369000,2.235000,9.648746,76.606567,93.481522

19.2562008,-0.570000,9.372001,2.247000,9.654445,76.541405,93.480415

19.2585926,-0.606000,9.373950,2.227950,9.654115,76.657166,93.698868

19.2609844,-0.630000,9.357000,2.211000,9.635293,76.734192,93.851868

19.2633743,-0.606000,9.355050,2.209050,9.631413,76.740669,93.706322

19.2657681,-0.607950,9.334050,2.242050,9.618778,76.520882,93.726555

19.2681618,-0.622050,9.316951,2.269050,9.609428,76.341904,93.819710

19.2705536,-0.618000,9.325951,2.314050,9.628609,76.093941,93.791260

19.2729454,-0.615000,9.352950,2.323950,9.656948,76.075058,93.762047

19.2753372,-0.627000,9.373950,2.302050,9.672823,76.231972,93.826668

19.2777290,-0.679950,9.364950,2.302050,9.667682,76.224503,94.152718

19.2801208,-0.687000,9.376950,2.269050,9.672009,76.431976,94.190277

19.2825127,-0.667950,9.379050,2.283000,9.675993,76.352676,94.073570

19.2849064,-0.670050,9.384001,2.281050,9.680476,76.370995,94.084183

19.2872982,-0.622050,9.349951,2.278050,9.643549,76.336136,93.806267

19.2896900,-0.583950,9.361951,2.275950,9.652309,76.361610,93.569191

19.2920818,-0.567000,9.360001,2.295000,9.653917,76.247559,93.466568

19.2944736,-0.543000,9.352950,2.305050,9.648097,76.177643,93.322662

19.2968655,-0.514950,9.355050,2.293050,9.645736,76.247589,93.150673

19.2992573,-0.499950,9.328951,2.263950,9.612739,76.377983,93.067619

19.3016491,-0.531000,9.313951,2.274000,9.602224,76.301064,93.262970

19.3040428,-0.522000,9.312000,2.257050,9.595839,76.395920,93.208458

19.3064346,-0.505050,9.334050,2.242050,9.612823,76.512375,93.097160

19.3088264,-0.514950,9.334050,2.239950,9.612859,76.525299,93.157745

19.3112183,-0.484050,9.367050,2.211000,9.636621,76.736053,92.958176

19.3136101,-0.484050,9.385950,2.203950,9.653381,76.802490,92.952232

19.3160019,-0.460050,9.381001,2.218950,9.650832,76.707451,92.807571

19.3183937,-0.460050,9.400950,2.242050,9.675551,76.601456,92.801620

19.3207855,-0.474000,9.403050,2.247000,9.679414,76.576775,92.885788

19.3231792,-0.487950,9.373950,2.266050,9.656294,76.427780,92.979774

19.3255711,-0.472050,9.369000,2.245050,9.645789,76.541016,92.884369

19.3279629,-0.481050,9.373950,2.262000,9.654999,76.450653,92.937714

19.3303547,-0.526950,9.381001,2.257050,9.663081,76.492386,93.215042

19.3327465,-0.511950,9.376950,2.259000,9.658797,76.474388,93.125053

19.3351383,-0.526950,9.391050,2.271000,9.676102,76.425941,93.211609

19.3375301,-0.535950,9.385950,2.266050,9.670485,76.448082,93.268112

19.3399239,-0.529050,9.361951,2.275950,9.649143,76.357048,93.234383

19.3423157,-0.502950,9.388950,2.250000,9.667877,76.542175,93.066307

19.3447075,-0.499950,9.369000,2.254050,9.649293,76.491043,93.054527

19.3470993,-0.469050,9.381001,2.251950,9.658906,76.517548,92.862404

19.3494911,-0.451950,9.391050,2.250000,9.667398,76.541504,92.755272

19.3518829,-0.433050,9.429001,2.226000,9.697869,76.730309,92.629601

19.3542747,-0.405000,9.451051,2.178000,9.707217,77.034218,92.453758

19.3566666,-0.394950,9.424951,2.163000,9.678029,77.085548,92.399559

19.3590603,-0.414000,9.417001,2.199000,9.679199,76.868416,92.517273

19.3614521,-0.417000,9.429001,2.230050,9.698096,76.706039,92.532272

19.3638439,-0.406950,9.429001,2.239950,9.699951,76.648529,92.471321

19.3662357,-0.409050,9.397950,2.262000,9.674990,76.479179,92.492249

19.3686275,-0.445050,9.412951,2.281050,9.695612,76.392685,92.706963

19.3710194,-0.462000,9.384001,2.263950,9.664285,76.452026,92.818550

19.3734112,-0.475950,9.376950,2.271000,9.659770,76.402557,92.905693

19.3758030,-0.486000,9.343050,2.251950,9.622892,76.466133,92.977684

19.3781967,-0.502950,9.357000,2.257050,9.638501,76.457283,93.076759

19.3805885,-0.454950,9.361951,2.250000,9.639274,76.501488,92.782135

19.3829803,-0.460050,9.360001,2.257050,9.639271,76.458389,92.813858

19.3853722,-0.438000,9.352950,2.278050,9.636339,76.325714,92.681213

19.3877640,-0.438000,9.355050,2.275950,9.637881,76.340797,92.680611

19.3901558,-0.409050,9.360001,2.293050,9.645466,76.247192,92.502342

19.3925476,-0.400050,9.361951,2.281050,9.644135,76.318642,92.446846

19.3949413,-0.418950,9.357000,2.262000,9.635644,76.422913,92.563644

19.3973331,-0.438000,9.388950,2.275950,9.670790,76.388176,92.670944

19.3997250,-0.472050,9.400950,2.290050,9.687365,76.326096,92.874580

19.4021168,-0.487950,9.385950,2.302050,9.676445,76.237228,92.975975

19.4045086,-0.499950,9.403050,2.311950,9.696000,76.205292,93.043488

19.4069004,-0.514950,9.373950,2.307000,9.667387,76.193871,93.144333

19.4092922,-0.486000,9.364950,2.275950,9.649790,76.357979,92.970734

19.4116840,-0.490950,9.364950,2.262000,9.646760,76.438858,93.000938

19.4140778,-0.490950,9.369000,2.274000,9.653511,76.375252,92.999641

19.4164696,-0.481050,9.367050,2.275950,9.651580,76.360558,92.939873

19.4188614,-0.466950,9.361951,2.275950,9.645938,76.352425,92.855400

19.4212532,-0.493050,9.400950,2.269050,9.683468,76.448334,93.002228

19.4236450,-0.499950,9.391050,2.251950,9.670215,76.533615,93.047371

19.4260368,-0.517050,9.400950,2.245050,9.679125,76.588234,93.148079

19.4284286,-0.523950,9.384001,2.218950,9.657004,76.716103,93.195755

19.4308205,-0.511950,9.376950,2.218950,9.649508,76.705597,93.125053

19.4332142,-0.523950,9.379050,2.218950,9.652194,76.709358,93.197441

19.4356060,-0.493050,9.391050,2.191950,9.656063,76.879341,93.005386

19.4379978,-0.466950,9.385950,2.211000,9.654150,76.760574,92.848114

19.4403896,-0.450000,9.349951,2.218950,9.620177,76.664314,92.755440

19.4427814,-0.433050,9.346050,2.199000,9.611024,76.773582,92.652908

19.4451733,-0.451950,9.348001,2.187000,9.611053,76.847099,92.767937

19.4475651,-0.487950,9.367050,2.182950,9.630421,76.898766,92.981964

19.4499588,-0.511950,9.385950,2.187000,9.650965,76.902458,93.122063

19.4523506,-0.547950,9.405001,2.179950,9.669874,76.971405,93.334373

19.4547424,-0.550950,9.421950,2.158950,9.681826,77.115288,93.346565

19.4571342,-0.606000,9.429001,2.167950,9.693982,77.077156,93.677330

19.4595261,-0.601050,9.433950,2.161050,9.696949,77.123001,93.645470

19.4619179,-0.594000,9.433950,2.173050,9.699196,77.053307,93.602821

19.4643097,-0.555000,9.445951,2.179950,9.710108,77.026337,93.362564

19.4667015,-0.523950,9.456000,2.182950,9.718834,77.020035,93.171471

19.4690952,-0.487950,9.433950,2.182950,9.695504,76.988258,92.960861

19.4714870,-0.466950,9.439051,2.206950,9.704863,76.855560,92.832115

19.4738789,-0.429000,9.396001,2.191950,9.657822,76.881775,92.614182

19.4762707,-0.414000,9.405001,2.218950,9.672082,76.737190,92.520485

19.4786625,-0.358950,9.409950,2.209050,9.672431,76.797920,92.184532

19.4810543,-0.333000,9.388950,2.203950,9.649905,76.797646,92.031273

19.4834461,-0.337950,9.379050,2.221050,9.644369,76.685562,92.063614

19.4858379,-0.357000,9.349951,2.238000,9.620689,76.548409,92.186607

19.4882317,-0.370950,9.364950,2.230050,9.633951,76.615883,92.268326

19.4906235,-0.382950,9.360001,2.245050,9.633095,76.522942,92.342865

19.4930153,-0.406950,9.336000,2.227950,9.606783,76.590202,92.495903

19.4954071,-0.409050,9.357000,2.233050,9.628463,76.589760,92.503143

19.4977989,-0.402000,9.343050,2.211000,9.609511,76.697952,92.463722

19.5001907,-0.393000,9.346050,2.218950,9.613888,76.655426,92.407860

19.5025826,-0.393000,9.348001,2.226000,9.617414,76.617241,92.407356

19.5049763,-0.406950,9.340950,2.223000,9.610447,76.625748,92.494583

19.5073700,-0.417000,9.364950,2.254050,9.641418,76.479797,92.549568

19.5097599,-0.426000,9.376950,2.274000,9.658144,76.381912,92.601189

19.5121536,-0.430950,9.379050,2.275950,9.660862,76.373917,92.630783

19.5145454,-0.393000,9.376950,2.259000,9.653223,76.466423,92.399933

19.5169373,-0.402000,9.403050,2.247000,9.676155,76.572174,92.448021

19.5193291,-0.421050,9.376950,2.233050,9.648367,76.617935,92.571007

19.5217209,-0.397050,9.393001,2.218950,9.659702,76.719879,92.420502

19.5241146,-0.426000,9.385950,2.242050,9.659416,76.578651,92.598701

19.5265064,-0.426000,9.400950,2.251950,9.676291,76.542229,92.594559

19.5288982,-0.397050,9.381001,2.274000,9.660843,76.385788,92.423592

19.5312901,-0.388050,9.385950,2.311950,9.674283,76.173714,92.367470

19.5336819,-0.378000,9.397950,2.347950,9.694185,75.983467,92.303284

19.5360737,-0.373050,9.397950,2.386050,9.703292,75.764908,92.273155

19.5384655,-0.354000,9.373950,2.422050,9.688271,75.522598,92.162704

19.5408592,-0.346950,9.373950,2.424000,9.688503,75.511040,92.119675

19.5432510,-0.342000,9.349951,2.410050,9.661619,75.555283,92.094818

19.5456429,-0.352050,9.357000,2.395950,9.665298,75.647194,92.154694

19.5480347,-0.333000,9.316951,2.379000,9.621648,75.684868,92.046951

19.5504265,-0.346950,9.319051,2.347950,9.616546,75.867958,92.132149

19.5528183,-0.358950,9.274051,2.380950,9.581533,75.611610,92.216515

19.5552101,-0.385050,9.295051,2.374050,9.601164,75.684158,92.372139

19.5576019,-0.414000,9.313951,2.338050,9.611844,75.921753,92.545090

19.5599957,-0.439950,9.336000,2.283000,9.621151,76.273369,92.698013

19.5623875,-0.478950,9.360001,2.242050,9.636690,76.546410,92.929260

19.5647793,-0.502950,9.367050,2.233050,9.642671,76.609886,93.073463

19.5671711,-0.517050,9.379050,2.194950,9.646333,76.847572,93.155418

19.5695629,-0.550950,9.372001,2.155950,9.632552,77.066551,93.364365

19.5719547,-0.571950,9.393001,2.155950,9.654206,77.096062,93.484497

19.5743465,-0.583950,9.412951,2.137050,9.670140,77.232536,93.549904

19.5767384,-0.514950,9.403050,2.151000,9.659676,77.133606,93.134621

19.5791321,-0.526950,9.384001,2.163000,9.644465,77.039825,93.214020

19.5815239,-0.517050,9.388950,2.187000,9.654155,76.906868,93.152100

19.5839157,-0.510000,9.412951,2.190000,9.677801,76.921188,93.101295

19.5863075,-0.529050,9.403050,2.218950,9.675794,76.742371,93.220276

19.5886993,-0.529050,9.409950,2.227950,9.684566,76.699890,93.217918

19.5910912,-0.499950,9.439051,2.238000,9.713613,76.679474,93.031906

19.5934830,-0.517050,9.436951,2.250000,9.715240,76.609009,93.136101

19.5958767,-0.522000,9.432000,2.263950,9.713938,76.522583,93.167717

19.5982685,-0.553050,9.427051,2.257050,9.709245,76.557816,93.357483

19.6006603,-0.505050,9.432000,2.274000,9.715388,76.463684,93.065056

19.6030521,-0.486000,9.408000,2.295000,9.696066,76.308502,92.957169

19.6054440,-0.486000,9.391050,2.286000,9.677490,76.336555,92.962494

19.6078358,-0.424050,9.367050,2.266050,9.646576,76.413849,92.592033

19.6102276,-0.390000,9.340950,2.263950,9.619300,76.387451,92.390808

19.6126194,-0.402000,9.337951,2.283000,9.621384,76.273705,92.465065

19.6150131,-0.373050,9.319051,2.290050,9.603552,76.204414,92.292381

19.6174049,-0.397050,9.336000,2.262000,9.614323,76.392227,92.435257

19.6197968,-0.418950,9.331051,2.245050,9.606471,76.484886,92.570770

19.6221886,-0.412050,9.313951,2.239950,9.588369,76.490227,92.533119

19.6245804,-0.460050,9.312000,2.247000,9.590308,76.449692,92.828339

19.6269722,-0.490950,9.328951,2.233050,9.605044,76.556450,93.012497

19.6293640,-0.430950,9.361951,2.227950,9.633047,76.627441,92.635582

19.6317558,-0.414000,9.381001,2.214000,9.647609,76.733131,92.526924

19.6341496,-0.397050,9.364950,2.227950,9.634505,76.629501,92.427742

19.6365414,-0.340050,9.361951,2.251950,9.634991,76.483452,92.080215

19.6389332,-0.309000,9.346050,2.259000,9.620147,76.419006,91.893631

19.6413250,-0.301950,9.367050,2.281050,9.645516,76.320641,91.846306

19.6437168,-0.304050,9.385950,2.257050,9.658301,76.485573,91.855400

19.6461086,-0.328050,9.379050,2.290050,9.660151,76.286827,92.003212

19.6485004,-0.340050,9.391050,2.278050,9.669383,76.373352,92.073776

19.6508942,-0.361050,9.400950,2.281050,9.680466,76.370979,92.199402

19.6532860,-0.430950,9.412951,2.254050,9.688658,76.546959,92.621323

19.6556778,-0.481050,9.409950,2.247000,9.686464,76.586731,92.926491

19.6580696,-0.496050,9.409950,2.227950,9.682819,76.697449,93.017578

19.6604614,-0.508050,9.417001,2.215950,9.687541,76.776962,93.088127

19.6628532,-0.529050,9.417001,2.233050,9.692590,76.680122,93.215515

19.6652451,-0.546000,9.372001,2.257050,9.655402,76.481438,93.334206

19.6676369,-0.523950,9.372001,2.283000,9.660280,76.330048,93.199844

19.6700306,-0.514950,9.373950,2.305050,9.666922,76.205093,93.144333

19.6724224,-0.531000,9.388950,2.287950,9.678278,76.325806,93.236961

19.6748142,-0.550950,9.352950,2.283000,9.643304,76.305519,93.371201

19.6772060,-0.555000,9.391050,2.286000,9.681201,76.341888,93.382179

19.6795979,-0.567000,9.376950,2.251950,9.660226,76.519424,93.460312

19.6819897,-0.550950,9.421950,2.221050,9.695863,76.757561,93.346565

19.6843815,-0.555000,9.408000,2.214000,9.680923,76.779617,93.376099

19.6867733,-0.562950,9.412951,2.239950,9.692158,76.637596,93.422546

19.6891670,-0.589050,9.403050,2.239950,9.684096,76.626266,93.584587

19.6915588,-0.562950,9.409950,2.251950,9.692025,76.564484,93.423637

19.6939507,-0.553050,9.403050,2.286000,9.692730,76.358452,93.366035

19.6963425,-0.534000,9.381001,2.254050,9.662767,76.510231,93.257965

19.6987343,-0.531000,9.379050,2.259000,9.661864,76.478760,93.240372

19.7011261,-0.531000,9.372001,2.278050,9.659496,76.359131,93.242805

19.7035179,-0.523950,9.400950,2.239950,9.678314,76.618126,93.190010

19.7059116,-0.517050,9.373950,2.221050,9.647349,76.689751,93.157135

19.7083035,-0.508050,9.367050,2.214000,9.638545,76.720428,93.104568

19.7106953,-0.517050,9.372001,2.235000,9.648677,76.606476,93.157784

19.7130871,-0.493050,9.372001,2.211000,9.641889,76.743431,93.011490

19.7154789,-0.484050,9.403050,2.227950,9.675507,76.687210,92.946869

19.7178707,-0.460050,9.372001,2.190000,9.635463,76.862694,92.810265

19.7202625,-0.457050,9.396001,2.206950,9.662523,76.796928,92.784843

19.7226543,-0.448050,9.409950,2.214000,9.677279,76.774551,92.726051

19.7250481,-0.438000,9.396001,2.211000,9.662567,76.772316,92.668945

19.7274399,-0.433050,9.373950,2.245050,9.648768,76.545250,92.645020

19.7298317,-0.405000,9.376950,2.245050,9.650465,76.547661,92.473129

19.7322235,-0.424050,9.379050,2.235000,9.650990,76.609741,92.588722

19.7346153,-0.388050,9.361951,2.214000,9.628006,76.705627,92.373535

19.7370071,-0.400050,9.352950,2.223000,9.621821,76.641846,92.449196

19.7393990,-0.418950,9.355050,2.223000,9.624666,76.645866,92.564178

19.7417908,-0.430950,9.348001,2.238000,9.621823,76.550026,92.639511

19.7441845,-0.457050,9.328951,2.271000,9.612267,76.334053,92.804832

19.7465763,-0.469050,9.334050,2.287950,9.621810,76.243980,92.876778

19.7489681,-0.496050,9.324000,2.290050,9.613915,76.219582,93.045349

19.7513599,-0.538950,9.307051,2.262000,9.593139,76.361595,93.314163

19.7537518,-0.538950,9.322050,2.290050,9.614334,76.220192,93.308846

19.7561436,-0.558000,9.337951,2.286000,9.629875,76.267677,93.419708

19.7585354,-0.553050,9.325951,2.269050,9.613938,76.348442,93.393799

19.7609291,-0.553050,9.328951,2.259000,9.614482,76.410851,93.392708

19.7633228,-0.538950,9.360001,2.251950,9.642166,76.493698,93.295456

19.7657146,-0.553050,9.367050,2.271000,9.654270,76.394661,93.378937

19.7681046,-0.547950,9.397950,2.262000,9.681857,76.488953,93.336868

19.7704983,-0.565050,9.397950,2.257050,9.681684,76.518829,93.440758

19.7728901,-0.577050,9.441000,2.247000,9.721856,76.636467,93.497665

19.7752819,-0.607950,9.429001,2.242050,9.710945,76.651192,93.689133

19.7776718,-0.594000,9.448050,2.266050,9.734139,76.538376,93.597458

19.7800674,-0.594000,9.439051,2.263950,9.724916,76.538086,93.600876

19.7824593,-0.607950,9.420000,2.275950,9.710095,76.444328,93.692650

19.7848511,-0.615000,9.429001,2.278050,9.719764,76.445335,93.731789

19.7872429,-0.646050,9.445951,2.305050,9.744569,76.317162,93.912613

19.7896347,-0.654000,9.453000,2.317050,9.754776,76.259209,93.957664

19.7920265,-0.670050,9.484051,2.367000,9.797902,76.020050,94.041245

19.7944183,-0.712950,9.481951,2.400000,9.806920,75.834404,94.299988

19.7968121,-0.733050,9.501000,2.422050,9.832228,75.739090,94.411919

19.7992039,-0.760950,9.504001,2.458050,9.846171,75.543480,94.577698

19.8015957,-0.763950,9.525001,2.527050,9.884090,75.186806,94.585579

19.8039875,-0.780000,9.501000,2.584950,9.877215,74.828545,94.693268

19.8063793,-0.768000,9.468000,2.626050,9.855404,74.546402,94.637413

19.8087711,-0.772950,9.487050,2.688000,9.890749,74.230431,94.657845

19.8111629,-0.787950,9.453000,2.733000,9.871644,73.927490,94.764847

19.8135548,-0.787950,9.448050,2.776050,9.878916,73.679649,94.767334

19.8159485,-0.787950,9.429001,2.827050,9.875177,73.364716,94.776917

19.8183403,-0.772950,9.408000,2.925000,9.882486,72.783798,94.696800

19.8207321,-0.766050,9.274051,2.986950,9.773266,72.204254,94.721992

19.8231239,-0.760950,9.190050,2.944050,9.680058,72.293831,94.733383

19.8255157,-0.736950,9.088950,2.866950,9.558846,72.546814,94.635513

19.8279076,-0.688950,9.010051,2.721000,9.437135,73.242058,94.372589

19.8302994,-0.663000,8.971951,2.536950,9.347277,74.251778,94.226303

19.8326931,-0.697050,8.989051,2.302050,9.305286,75.676781,94.434090

19.8350849,-0.727950,9.111000,2.083950,9.374598,77.155983,94.568108

19.8374767,-0.759000,9.183001,1.945950,9.417553,78.075058,94.724915

19.8398685,-0.819000,9.271050,1.843050,9.487885,78.798912,95.048378

19.8422604,-0.832950,9.331051,1.777950,9.535378,79.253838,95.101074

19.8446522,-0.814050,9.397950,1.693950,9.584029,79.819649,94.950600

19.8470440,-0.759000,9.396001,1.653000,9.570440,80.054031,94.618271

19.8494358,-0.700950,9.412951,1.612950,9.575833,80.302887,94.258759

19.8518295,-0.631950,9.439051,1.558050,9.587626,80.647598,93.830269

19.8542213,-0.598950,9.457951,1.539000,9.601047,80.775978,93.623573

19.8566132,-0.514950,9.499050,1.570050,9.641690,80.628235,93.103004

19.8590050,-0.429000,9.484051,1.633950,9.633330,80.234612,92.589943

19.8613968,-0.349050,9.499050,1.653000,9.648119,80.134918,92.104431

19.8637886,-0.274950,9.526951,1.693950,9.680283,79.921936,91.653114

19.8661804,-0.235050,9.538951,1.753950,9.701710,79.584351,91.411545

19.8685722,-0.223050,9.553950,1.804050,9.725345,79.309723,91.337402

19.8709660,-0.229950,9.562950,1.828050,9.738822,79.180969,91.377464

19.8733578,-0.235050,9.535050,1.869000,9.719341,78.913132,91.412125

19.8757496,-0.259050,9.496051,1.893000,9.686358,78.730186,91.562630

19.8781414,-0.298950,9.489000,1.912050,9.684340,78.612862,91.804504

19.8805332,-0.337950,9.492001,1.912050,9.688561,78.617889,92.039078

19.8829250,-0.366000,9.472051,1.936050,9.674812,78.456467,92.212807

19.8853168,-0.378000,9.463051,1.978950,9.675146,78.197456,92.287453

19.8877106,-0.357000,9.457951,2.022000,9.678263,77.940826,92.161659

19.8901024,-0.357000,9.427051,2.041050,9.652079,77.791946,92.168739

19.8924942,-0.352050,9.417001,2.082000,9.650832,77.541481,92.140976

19.8948860,-0.342000,9.373950,2.128050,9.618550,77.217873,92.089455

19.8972778,-0.328050,9.396001,2.194950,9.654546,76.858963,91.999603

19.8996696,-0.346950,9.385950,2.254050,9.659046,76.504936,92.116966

19.9020615,-0.358950,9.355050,2.329050,9.647294,76.029633,92.197342

19.9044533,-0.373050,9.357000,2.365050,9.658472,75.825974,92.283089

19.9068470,-0.406950,9.348001,2.367000,9.651602,75.803726,92.492706

19.9092388,-0.421050,9.324000,2.380950,9.632403,75.689217,92.585587

19.9116306,-0.430950,9.340950,2.368950,9.646294,75.783806,92.641502

19.9140224,-0.490950,9.316951,2.338050,9.618372,75.931503,93.016373

19.9164143,-0.478950,9.334050,2.332950,9.633097,75.984718,92.937393

19.9188061,-0.493050,9.360001,2.356950,9.664778,75.884933,93.015343

19.9211979,-0.553050,9.346050,2.365050,9.656499,75.823013,93.386513

19.9235897,-0.546000,9.396001,2.391000,9.710811,75.746033,93.325706

19.9259834,-0.582000,9.421950,2.392950,9.738484,75.775551,93.534706

19.9283752,-0.583950,9.436951,2.380950,9.750177,75.865700,93.540894

19.9307671,-0.610050,9.460051,2.374050,9.772452,75.940292,93.689720

19.9331589,-0.619950,9.429001,2.371950,9.742512,75.908928,93.761742

19.9355507,-0.601050,9.441000,2.355000,9.748835,76.020935,93.642754

19.9379425,-0.615000,9.441000,2.305050,9.737760,76.307404,93.727058

19.9403343,-0.606000,9.420000,2.290050,9.713288,76.363297,93.680832

19.9427280,-0.583950,9.412951,2.274000,9.701325,76.443687,93.549904

19.9451199,-0.577050,9.409950,2.247000,9.691706,76.594116,93.509178

19.9475117,-0.570000,9.415051,2.235000,9.693466,76.669502,93.464539

19.9499035,-0.565050,9.412951,2.202000,9.683580,76.856232,93.435287

19.9522953,-0.514950,9.391050,2.185050,9.655643,76.920799,93.138618

19.9546871,-0.475950,9.409950,2.161050,9.666635,77.081924,92.895523

19.9570789,-0.469050,9.421950,2.131950,9.671524,77.265366,92.849983

19.9594707,-0.454950,9.441000,2.077050,9.677479,77.606346,92.758881

19.9618645,-0.448050,9.456000,2.077050,9.691792,77.624939,92.712791

19.9642563,-0.462000,9.451051,2.046000,9.681008,77.799011,92.798592

19.9666481,-0.490950,9.427051,2.038950,9.657517,77.811668,92.981209

19.9690399,-0.484050,9.453000,2.001000,9.674582,78.063316,92.931328

19.9714317,-0.493050,9.439051,1.965000,9.654015,78.255821,92.990135

19.9738235,-0.510000,9.427051,1.966950,9.643561,78.231079,93.096664

19.9762154,-0.541050,9.460051,1.941000,9.672268,78.423462,93.273361

19.9786072,-0.534000,9.441000,1.948050,9.654664,78.359344,93.237305

19.9810009,-0.531000,9.421950,1.941000,9.634448,78.377380,93.225647

19.9833927,-0.526950,9.453000,1.926000,9.661592,78.501282,93.190605

19.9857845,-0.553050,9.424951,1.930950,9.636603,78.441017,93.358231

19.9881763,-0.553050,9.429001,1.924050,9.639185,78.486015,93.356789

19.9905682,-0.526950,9.439051,1.917000,9.646152,78.537170,93.195313

19.9929600,-0.534000,9.427051,1.929000,9.637193,78.453568,93.242081

19.9953518,-0.550950,9.433950,1.948050,9.648724,78.352074,93.342323

19.9977455,-0.550950,9.439051,1.954950,9.655105,78.318077,93.340523

20.0001373,-0.523950,9.432000,1.962000,9.648139,78.266762,93.179527

20.0025291,-0.523950,9.408000,1.948050,9.621844,78.319077,93.187622

20.0049210,-0.541050,9.417001,1.941000,9.630167,78.372147,93.288292

20.0073128,-0.553050,9.397950,1.941000,9.612222,78.350128,93.367851

20.0097046,-0.546000,9.400950,1.914000,9.609339,78.510918,93.323959

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20.0144882,-0.565050,9.417001,1.993050,9.642170,78.070885,93.433815

20.0168839,-0.547950,9.405001,2.065050,9.644622,77.636436,93.334373

20.0192738,-0.535950,9.424951,2.125050,9.676403,77.313782,93.254623

20.0216675,-0.475950,9.420000,2.185050,9.681807,76.956764,92.892441

20.0240574,-0.426000,9.417001,2.230050,9.686821,76.690277,92.590141

20.0264511,-0.429000,9.409950,2.221050,9.678030,76.732712,92.610306

20.0288429,-0.406950,9.396001,2.226000,9.664654,76.683861,92.479988

20.0312347,-0.390000,9.405001,2.238000,9.675473,76.625992,92.374542

20.0336246,-0.357000,9.393001,2.218950,9.658139,76.717690,92.176598

20.0360203,-0.340050,9.417001,2.202000,9.677000,76.847137,92.068062

20.0384121,-0.349050,9.427051,2.178000,9.681673,76.999405,92.120491

20.0408039,-0.369000,9.439051,2.182950,9.695211,76.987854,92.238716

20.0431957,-0.394950,9.445951,2.202000,9.707253,76.888863,92.394234

20.0455875,-0.426000,9.432000,2.227950,9.700920,76.722725,92.586029

20.0479794,-0.462000,9.421950,2.239950,9.695564,76.642380,92.807220

20.0503712,-0.469050,9.397950,2.238000,9.672131,76.621284,92.857254

20.0527649,-0.466950,9.379050,2.230050,9.651826,76.641129,92.850204

20.0551567,-0.502950,9.343050,2.197050,9.611065,76.785576,93.081345

20.0575485,-0.510000,9.313951,2.154000,9.573374,76.997177,93.134193

20.0599403,-0.517050,9.304951,2.119950,9.557386,77.184471,93.180496

20.0623322,-0.534000,9.313951,2.094000,9.561363,77.349319,93.281364

20.0647240,-0.535950,9.322050,2.077050,9.565668,77.459129,93.290466

20.0671158,-0.555000,9.349951,2.083950,9.595439,77.456467,93.397011

20.0695076,-0.594000,9.373950,2.062950,9.616629,77.612686,93.625816

20.0719013,-0.594000,9.409950,2.058000,9.650667,77.687149,93.611984

20.0742931,-0.627000,9.373950,2.026950,9.611067,77.825043,93.826668

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20.0814686,-0.675000,9.433950,2.025000,9.672418,77.915253,94.092545

20.0838604,-0.673050,9.456000,2.026950,9.694198,77.931030,94.071274

20.0862522,-0.688950,9.444000,2.038950,9.686130,77.848221,94.172401

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20.1029968,-0.582000,9.424951,2.059950,9.664979,77.693832,93.533585

20.1053886,-0.567000,9.408000,2.026950,9.640565,77.862869,93.448921

20.1077824,-0.546000,9.429001,2.014950,9.657339,77.957077,93.314095

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20.1125660,-0.553050,9.417001,2.022000,9.647500,77.901794,93.361053

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20.1173496,-0.571950,9.421950,2.005050,9.649897,78.007744,93.473824

20.1197414,-0.574950,9.415051,1.962000,9.634479,78.249893,93.494545

20.1221333,-0.591000,9.432000,1.938000,9.647162,78.411102,93.585411

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20.1293106,-0.583950,9.472051,1.936050,9.685506,78.469383,93.527809

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20.1340942,-0.625050,9.465000,2.002950,9.694778,78.076767,93.778214

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20.1484470,-0.583950,9.412951,2.107950,9.663751,77.400803,93.549904

20.1508389,-0.598950,9.424951,2.110950,9.677011,77.400146,93.636223

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20.1604061,-0.675000,9.388950,2.199000,9.666624,76.851021,94.112091

20.1627998,-0.697050,9.369000,2.182950,9.645171,76.919151,94.254944

20.1651917,-0.706050,9.385950,2.166000,9.658474,77.040688,94.301926

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20.1747589,-0.531000,9.376950,2.070000,9.617383,77.570671,93.241096

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20.1795425,-0.409050,9.379050,2.107950,9.621713,77.344841,92.497269

20.1819363,-0.390000,9.393001,2.119950,9.637155,77.292328,92.377571

20.1843281,-0.357000,9.408000,2.128050,9.652280,77.263290,92.173126

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20.1891117,-0.439950,9.424951,2.119950,9.670442,77.336800,92.672585

20.1915035,-0.498000,9.465000,2.146950,9.718211,77.236908,93.011833

20.1938953,-0.555000,9.427051,2.146950,9.684354,77.191528,93.369293

20.1962872,-0.586950,9.460051,2.166000,9.722583,77.127609,93.550369

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20.2058563,-0.613050,9.396001,2.139000,9.655879,77.201492,93.733017

20.2082481,-0.615000,9.412951,2.128050,9.670080,77.287125,93.738136

20.2106400,-0.637050,9.415051,2.128050,9.673552,77.291763,93.870903

20.2130318,-0.649050,9.424951,2.119950,9.682208,77.352448,93.939461

20.2154236,-0.687000,9.433950,2.131950,9.696216,77.298340,94.165047

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20.2489128,-0.478950,9.463051,2.025000,9.689136,77.936424,92.897415

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20.2824039,-0.486000,9.372001,2.010000,9.597432,77.910988,92.968506

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20.2895813,-0.474000,9.331051,1.917000,9.537719,78.405060,92.908020

20.2919712,-0.487950,9.361951,1.918950,9.569044,78.431618,92.983589

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20.3063240,-0.382950,9.322050,1.789950,9.500063,79.139725,92.352386

20.3087177,-0.405000,9.280951,1.756050,9.454299,79.295670,92.498672

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20.3135014,-0.553050,9.313951,1.930950,9.528069,78.307503,93.398155

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20.3613415,-0.418950,9.451051,2.298000,9.735435,76.346771,92.538170

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20.5072575,-0.603000,9.391050,2.173050,9.658031,76.997162,93.673920

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20.5479259,-0.634050,9.408000,2.098950,9.660129,77.450691,93.855606

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21.0095959,-0.550950,9.348001,1.966950,9.568571,78.137505,93.372978

21.0119877,-0.601050,9.343050,1.989000,9.571309,78.006042,93.680840

21.0143795,-0.697050,9.381001,2.001000,9.617332,77.991203,94.249519

21.0167713,-0.759000,9.405001,2.010000,9.647291,77.974403,94.613869

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21.0215569,-0.855000,9.448050,2.070000,9.709870,77.690926,95.170891

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21.2272758,-0.735000,9.396001,2.194950,9.676924,76.889893,94.472839

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21.4617004,-0.555000,9.360001,2.154000,9.620673,77.062218,93.393372

21.4640923,-0.625050,9.369000,2.179950,9.639556,76.929703,93.816818

21.4664841,-0.691950,9.388950,2.187000,9.665100,76.921959,94.214981

21.4688759,-0.733050,9.405001,2.209050,9.688721,76.820518,94.456772

21.4712677,-0.790050,9.408000,2.242050,9.703681,76.641014,94.800232

21.4736595,-0.843000,9.436951,2.233050,9.734125,76.737999,95.104668

21.4760532,-0.886050,9.453000,2.227950,9.752336,76.793991,95.354813

21.4784451,-0.955050,9.501000,2.245050,9.809250,76.769402,95.740150

21.4808369,-0.997950,9.484051,2.233050,9.794368,76.821045,96.006790

21.4832287,-1.018050,9.489000,2.278050,9.811578,76.574562,96.123688

21.4856205,-0.985950,9.469951,2.338050,9.804007,76.203209,95.943848

21.4880123,-0.958050,9.436951,2.383950,9.780446,75.892227,95.796875

21.4904041,-0.948000,9.444000,2.403000,9.790927,75.792679,95.732216

21.4927959,-0.936000,9.408000,2.388000,9.751365,75.824738,95.681648

21.4951897,-0.943050,9.429001,2.367000,9.767195,75.975197,95.711494

21.4975815,-0.936000,9.456000,2.359950,9.790884,76.052338,95.652992

21.4999733,-0.940950,9.448050,2.355000,9.782488,76.070000,95.687447

21.5023651,-0.984000,9.468000,2.338050,9.801927,76.200226,95.933395

21.5047569,-0.988950,9.468000,2.335950,9.801924,76.212860,95.963028

21.5071487,-1.009950,9.475051,2.356950,9.815895,76.106636,96.084213

21.5095406,-1.015050,9.472051,2.355000,9.813058,76.114265,96.116623

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21.5167179,-0.946050,9.492001,2.350050,9.824246,76.160126,95.691765

21.5191097,-0.907050,9.504001,2.347950,9.831665,76.183380,95.451729

21.5215015,-0.886050,9.481951,2.329050,9.803926,76.257248,95.338554

21.5238934,-0.814050,9.457951,2.326050,9.773741,76.232079,94.919350

21.5262852,-0.772950,9.436951,2.307000,9.745549,76.306763,94.682457

21.5286770,-0.735000,9.385950,2.305050,9.692757,76.242584,94.477608

21.5310707,-0.682050,9.367050,2.278050,9.664178,76.365868,94.164574

21.5334625,-0.661050,9.336000,2.257050,9.627677,76.441765,94.050156

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21.5406380,-0.639000,9.340950,2.163000,9.609383,76.991684,93.913422

21.5430317,-0.673050,9.348001,2.139000,9.613191,77.143692,94.118156

21.5454235,-0.727950,9.381001,2.139000,9.649270,77.192581,94.437164

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21.5645599,-1.036950,9.568050,2.235000,9.880186,76.925941,96.185364

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21.5789127,-0.546000,9.529950,2.266050,9.810863,76.645607,93.279068

21.5813046,-0.553050,9.496051,2.298000,9.785789,76.418381,93.333145

21.5836964,-0.570000,9.523050,2.323950,9.819069,76.309486,93.425339

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21.5908737,-0.553050,9.439051,2.298000,9.730486,76.339699,93.353226

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21.6124020,-0.607950,9.441000,2.032050,9.676328,77.877518,93.684456

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21.6219711,-0.627000,9.451051,1.905000,9.661496,78.628220,93.795547

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21.6267548,-0.742050,9.484051,1.845000,9.690298,79.024071,94.473816

21.6291466,-0.784950,9.538951,1.855050,9.749305,79.031158,94.704208

21.6315384,-0.831000,9.562950,1.845000,9.774692,79.119995,94.966408

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21.6387138,-0.804000,9.595051,1.888050,9.812041,78.905853,94.789810

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21.6817722,-0.649050,9.373950,1.926000,9.591750,78.416397,93.960823

21.6841640,-0.687000,9.381001,1.914000,9.598883,78.498230,94.188469

21.6865559,-0.718050,9.367050,1.909950,9.586717,78.508133,94.383553

21.6889477,-0.768000,9.421950,1.902000,9.642644,78.623878,94.659981

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21.6937313,-0.868950,9.433950,1.933950,9.669264,78.462456,95.262596

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21.7152615,-0.807000,9.417001,2.038950,9.668943,77.826294,94.898056

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21.8085537,-0.766050,9.328951,2.101050,9.593257,77.348915,94.694328

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21.9377251,-0.429000,9.120001,2.068050,9.361372,77.237328,92.693176

21.9401169,-0.364050,9.076950,2.202000,9.347319,76.374443,92.296738

21.9425087,-0.292050,9.091950,2.281050,9.378275,75.922920,91.839813

21.9449005,-0.289950,9.082050,2.332950,9.381384,75.600662,91.828583

21.9472923,-0.262950,9.076950,2.343000,9.378157,75.532196,91.659340

21.9496861,-0.301950,9.052951,2.323950,9.351355,75.610359,91.910324

21.9520779,-0.358950,9.049050,2.290050,9.341226,75.808990,92.271568

21.9544697,-0.445050,9.082050,2.274000,9.372981,75.959229,92.805435

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21.9592533,-0.601050,9.159000,2.185050,9.435200,76.609596,93.754593

21.9616451,-0.634050,9.274051,2.125050,9.535506,77.123131,93.911125

21.9640369,-0.643950,9.400950,2.092050,9.652420,77.482468,93.918549

21.9664288,-0.589050,9.463051,2.107950,9.712866,77.465553,93.561913

21.9688225,-0.510000,9.574950,2.173050,9.831679,77.230736,93.048920

21.9712143,-0.393000,9.669001,2.239950,9.932844,76.967163,92.327530

21.9736061,-0.249000,9.772051,2.410050,10.067936,76.150124,91.459625

21.9759979,-0.112050,9.810000,2.557950,10.138628,75.386497,90.654404

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21.9807816,0.241050,9.748051,2.791050,10.142612,74.027222,88.583481

21.9831734,0.343950,9.673950,2.805000,10.078276,73.839951,87.963753

21.9855652,0.439950,9.598950,2.881950,10.031901,73.304901,87.375793

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22.0070953,-0.205950,9.163950,3.136050,9.687889,71.112663,91.287445

22.0094872,-0.370950,9.180000,3.103950,9.697656,71.332710,92.313980

22.0118790,-0.454950,9.190050,3.088050,9.705671,71.447731,92.834091

22.0142708,-0.508050,9.231001,3.094950,9.749268,71.490936,93.150230

22.0166626,-0.450000,9.216001,3.078000,9.726831,71.551971,92.795425

22.0190544,-0.424050,9.211050,3.034950,9.707429,71.781479,92.635872

22.0214462,-0.394950,9.256950,2.997000,9.738025,72.075554,92.443054

22.0238400,-0.358950,9.292951,2.890950,9.738858,72.731682,92.212013

22.0262318,-0.285000,9.312000,2.881950,9.751933,72.810921,91.753029

22.0286255,-0.223050,9.334050,2.857950,9.764329,72.980751,91.368904

22.0310154,-0.196050,9.346050,2.877000,9.780808,72.893578,91.201706

22.0334072,-0.129000,9.396001,2.877000,9.827441,72.977234,90.786575

22.0357990,-0.097950,9.403050,2.805000,9.813001,73.390617,90.596817

22.0381927,-0.076950,9.417001,2.731050,9.805327,73.827682,90.468178

22.0405865,-0.069000,9.373950,2.652000,9.742115,74.203575,90.421738

22.0429783,-0.073950,9.373950,2.590050,9.725471,74.554825,90.451988

22.0453701,-0.079050,9.360001,2.512950,9.691790,74.972267,90.483879

22.0477619,-0.097950,9.331051,2.458050,9.649877,75.242798,90.601425

22.0501537,-0.139050,9.322050,2.431950,9.635057,75.380043,90.854576

22.0525455,-0.190950,9.319051,2.416950,9.629270,75.463280,91.173843

22.0549374,-0.247050,9.312000,2.400000,9.619479,75.552444,91.519714

22.0573292,-0.289950,9.288000,2.416950,9.601701,75.420624,91.788063

22.0597229,-0.313950,9.267000,2.400000,9.577884,75.488327,91.940338

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22.0645065,-0.334950,9.243000,2.431950,9.563453,75.268112,92.075394

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22.0692902,-0.352050,9.219001,2.436000,9.541908,75.208939,92.186913

22.0716820,-0.366000,9.228001,2.448000,9.554196,75.153961,92.271271

22.0740738,-0.397050,9.240001,2.424000,9.560912,75.313370,92.460533

22.0764675,-0.475950,9.235050,2.400000,9.553674,75.450737,92.950264

22.0788593,-0.546000,9.312000,2.391000,9.629556,75.623177,93.355637

22.0812511,-0.565050,9.334050,2.380950,9.649492,75.715103,93.464256

22.0836430,-0.610050,9.348001,2.379000,9.665243,75.750801,93.733826

22.0860348,-0.622050,9.373950,2.407950,9.698253,75.623833,93.796547

22.0884266,-0.591000,9.412951,2.419950,9.736995,75.609367,93.592651

22.0908184,-0.589050,9.405001,2.451000,9.736961,75.420609,93.583847

22.0932102,-0.571950,9.412951,2.451000,9.743622,75.430794,93.477135

22.0956039,-0.541050,9.379050,2.464950,9.712636,75.298225,93.301567

22.0979958,-0.502950,9.369000,2.431950,9.692550,75.468681,93.072823

22.1003876,-0.526950,9.343050,2.412000,9.663747,75.546593,93.228073

22.1027794,-0.519000,9.388950,2.386050,9.701288,75.761902,93.163963

22.1051712,-0.475950,9.400950,2.371950,9.707242,75.856667,92.898285

22.1075630,-0.529050,9.388950,2.341050,9.690862,76.020607,93.225098

22.1099548,-0.510000,9.393001,2.367000,9.700065,75.876129,93.107864

22.1123466,-0.490950,9.388950,2.323950,9.684739,76.115822,92.993279

22.1147404,-0.505050,9.393001,2.332950,9.691553,76.070961,93.077759

22.1171322,-0.526950,9.421950,2.343000,9.723192,76.056183,93.201096

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22.1219158,-0.472050,9.420000,2.374050,9.726014,75.871773,92.868774

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22.1266994,-0.402000,9.376950,2.290050,9.660908,76.287918,92.454826

22.1290913,-0.342000,9.346050,2.254050,9.620102,76.449265,92.095688

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22.1338768,-0.342000,9.352950,2.230050,9.621214,76.597832,92.094147

22.1362686,-0.354000,9.343050,2.263950,9.619946,76.388382,92.169846

22.1386604,-0.349050,9.325951,2.275950,9.605995,76.294571,92.143456

22.1410522,-0.364050,9.316951,2.259000,9.593810,76.381004,92.237633

22.1434441,-0.390000,9.337951,2.242050,9.611255,76.510132,92.391571

22.1458359,-0.390000,9.313951,2.203950,9.579101,76.698273,92.397728

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22.1506214,-0.325950,9.336000,2.149050,9.585696,77.044548,91.999573

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22.1697578,-0.352050,9.357000,2.298000,9.641483,76.211113,92.154694

22.1721497,-0.460050,9.432000,2.263950,9.710806,76.518158,92.792412

22.1745415,-0.502950,9.420000,2.206950,9.688137,76.832458,93.056221

22.1769333,-0.541050,9.453000,2.142000,9.707734,77.252853,93.275795

22.1793251,-0.601050,9.448050,2.161050,9.710667,77.141502,93.640038

22.1817169,-0.591000,9.403050,2.209050,9.677114,76.804420,93.596420

22.1841087,-0.586950,9.384001,2.290050,9.677206,76.311462,93.579071

22.1865025,-0.586950,9.391050,2.367000,9.702527,75.879791,93.576393

22.1888943,-0.574950,9.388950,2.446050,9.719368,75.423782,93.504242

22.1912861,-0.570000,9.393001,2.446050,9.722989,75.429337,93.472649

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22.1960697,-0.523950,9.421950,2.392950,9.735188,75.770638,93.182915

22.1984615,-0.493050,9.388950,2.391000,9.701153,75.731537,93.006058

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22.2032452,-0.421050,9.349951,2.341050,9.647765,75.956879,92.578423

22.2056389,-0.390000,9.337951,2.311950,9.627801,76.105629,92.391571

22.2080307,-0.369000,9.325951,2.311950,9.615334,76.087250,92.265839

22.2104225,-0.349050,9.340950,2.335950,9.634929,75.969048,92.140015

22.2128143,-0.298950,9.364950,2.319000,9.652431,76.098686,91.828384

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22.2415199,-0.325950,9.336000,2.110950,9.577226,77.266678,91.999573

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22.2463036,-0.385050,9.421950,2.155950,9.673135,77.121742,92.340225

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22.2534790,-0.421050,9.481951,2.134950,9.728447,77.323013,92.542572

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22.2989311,-0.091050,9.235050,2.233050,9.501629,76.407341,90.564873

22.3013229,-0.105000,9.228001,2.245050,9.497751,76.327194,90.651909

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22.3061066,-0.124050,9.274051,2.262000,9.546730,76.294006,90.766342

22.3084984,-0.139050,9.292951,2.262000,9.565297,76.321129,90.857246

22.3108902,-0.151050,9.301950,2.257050,9.573055,76.362915,90.930321

22.3132820,-0.172050,9.319051,2.251950,9.588826,76.417130,91.057686

22.3156757,-0.211050,9.319051,2.293050,9.599340,76.179802,91.297363

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22.3204594,-0.318000,9.343050,2.356950,9.641002,75.849396,91.949364

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22.3252430,-0.414000,9.372001,2.443950,9.694261,75.398018,92.529350

22.3276348,-0.475950,9.352950,2.530050,9.700791,74.881950,92.913139

22.3300266,-0.486000,9.384001,2.575050,9.743026,74.674828,92.964714

22.3324203,-0.486000,9.357000,2.592000,9.721529,74.536484,92.973259

22.3348122,-0.484050,9.334050,2.616000,9.705785,74.363701,92.968613

22.3372040,-0.517050,9.325951,2.623050,9.701603,74.313545,93.173347

22.3395958,-0.502950,9.298051,2.616000,9.672133,74.307899,93.096222

22.3419876,-0.571950,9.312000,2.616000,9.689372,74.336533,93.514732

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22.3467712,-0.639000,9.289950,2.614050,9.671854,74.319427,93.934837

22.3491631,-0.658050,9.271050,2.632950,9.660115,74.183411,94.059990

22.3515568,-0.679950,9.267000,2.604000,9.649894,74.344803,94.196457

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22.3587322,-0.814050,9.268950,2.475000,9.628175,75.104431,95.019150

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22.4041805,-1.402950,9.520050,2.175000,9.865609,77.263779,98.383224

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22.4113579,-1.324050,9.505951,2.266050,9.861602,76.715576,97.929512

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22.4257107,-1.018050,9.348001,2.278050,9.675281,76.381821,96.215340

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22.4520226,-1.231050,9.549001,2.146950,9.864497,77.429298,97.346008

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22.4591980,-1.087050,9.550950,2.235000,9.869020,76.910881,96.493233

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22.6027241,-1.267050,9.018001,3.130950,9.629777,71.026421,97.997833

22.6051159,-1.377000,9.067950,2.878950,9.613127,72.573563,98.634598

22.6075096,-1.519950,9.151951,2.653950,9.649450,74.035812,99.429581

22.6099014,-1.554000,9.216001,2.436000,9.658348,75.391258,99.571167

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22.6218605,-1.317000,9.343050,1.311000,9.526058,82.089706,98.023575

22.6242542,-1.374000,9.412951,1.155000,9.582564,83.077225,98.304764

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22.6505661,-1.747950,9.625951,1.680000,9.926563,80.256203,100.292038

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22.6553497,-1.506000,9.598950,1.869000,9.894496,79.111816,98.916573

22.6577415,-1.386000,9.561001,1.942950,9.854379,78.628708,98.248360

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22.6816635,-0.886050,9.288000,2.524950,9.665786,74.857208,95.449371

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22.7031918,-0.723000,9.436951,2.439000,9.773816,75.549454,94.381088

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22.8897743,-0.748950,9.456000,2.332950,9.768291,76.182571,94.528580

22.8921661,-0.742050,9.427051,2.338050,9.740965,76.112137,94.500755

22.8945580,-0.742050,9.397950,2.302050,9.704202,76.277359,94.514633

22.8969498,-0.783000,9.352950,2.262000,9.654399,76.449791,94.785469

22.8993435,-0.820950,9.324000,2.259000,9.628812,76.431458,95.031746

22.9017353,-0.855000,9.325951,2.233050,9.627611,76.588554,95.238213

22.9041271,-0.879000,9.346050,2.161050,9.632832,77.035805,95.372887

22.9065189,-0.916950,9.369000,2.116050,9.648660,77.331474,95.589775

22.9089108,-0.919050,9.393001,2.101050,9.668895,77.449509,95.588264

22.9113026,-0.907050,9.429001,2.106000,9.703815,77.465462,95.494827

22.9136944,-0.888000,9.415051,2.118000,9.691112,77.376076,95.388031

22.9160881,-0.816000,9.427051,2.119950,9.696872,77.371887,94.947159

22.9184799,-0.771000,9.412951,2.122950,9.680135,77.331490,94.682556

22.9208717,-0.703950,9.408000,2.142000,9.674408,77.208199,94.279160

22.9232635,-0.649050,9.412951,2.199000,9.688163,76.880775,93.944466

22.9256554,-0.591000,9.397950,2.235000,9.678118,76.647972,93.598366

22.9280472,-0.546000,9.372001,2.266050,9.657510,76.429527,93.334206

22.9304390,-0.486000,9.348001,2.299950,9.639040,76.195618,92.976112

22.9328308,-0.469050,9.355050,2.350050,9.657106,75.915695,92.870331

22.9352245,-0.438000,9.355050,2.379000,9.662735,75.747025,92.680611

22.9376163,-0.429000,9.334050,2.410050,9.649709,75.537064,92.631508

22.9400082,-0.405000,9.340950,2.422050,9.658349,75.476761,92.482643

22.9424000,-0.442950,9.313951,2.439000,9.638185,75.341576,92.722801

22.9447918,-0.433050,9.289950,2.452950,9.618091,75.224342,92.668907

22.9471836,-0.433050,9.307051,2.479050,9.641287,75.100250,92.664009

22.9495754,-0.450000,9.271050,2.479050,9.607319,75.046341,92.778854

22.9519672,-0.469050,9.267000,2.503050,9.610544,74.903336,92.897560

22.9543610,-0.436050,9.280951,2.499000,9.621392,74.945740,92.689972

22.9567528,-0.454950,9.268950,2.515050,9.614879,74.836227,92.810005

22.9591446,-0.397050,9.256950,2.499000,9.596550,74.905838,92.456032

22.9615364,-0.376050,9.264001,2.503050,9.603561,74.892097,92.324509

22.9639282,-0.349050,9.288000,2.500950,9.625151,74.939735,92.152206

22.9663200,-0.318000,9.300000,2.488950,9.632549,75.025475,91.958382

22.9687119,-0.261000,9.307051,2.451000,9.627913,75.251755,91.606339

22.9711056,-0.225000,9.312000,2.446050,9.630531,75.286308,91.384132

22.9734974,-0.202950,9.346050,2.436000,9.660432,75.394478,91.243988

22.9758892,-0.190950,9.357000,2.400000,9.661777,75.617058,91.169083

22.9782810,-0.187050,9.372001,2.371950,9.669309,75.800018,91.143379

22.9806728,-0.189000,9.360001,2.350050,9.652361,75.908630,91.156776

22.9830647,-0.190950,9.352950,2.365050,9.649228,75.812111,91.169586

22.9854565,-0.180000,9.346050,2.367000,9.642808,75.790512,91.103348

22.9878483,-0.189000,9.331051,2.388000,9.633628,75.647804,91.160362

22.9902420,-0.196050,9.328951,2.395950,9.633709,75.599113,91.203903

22.9926338,-0.205950,9.348001,2.419950,9.658348,75.489624,91.262108

22.9950256,-0.232050,9.322050,2.452950,9.642169,75.262070,91.425949

22.9974174,-0.244050,9.301950,2.455950,9.623800,75.214836,91.502892

22.9998093,-0.304050,9.288000,2.440950,9.608206,75.282791,91.874954

23.0022011,-0.304050,9.259050,2.415000,9.573645,75.389008,91.880814

23.0045929,-0.330000,9.223050,2.398050,9.535418,75.434372,92.049164

23.0069847,-0.382950,9.244950,2.374050,9.552585,75.609787,92.371986

23.0093803,-0.445050,9.231001,2.359950,9.538281,75.675179,92.760239

23.0117702,-0.493050,9.244950,2.320950,9.544580,75.926323,93.052795

23.0141621,-0.511950,9.288000,2.308950,9.584377,76.059883,93.154922

23.0165539,-0.558000,9.280951,2.305050,9.579179,76.076195,93.440659

23.0189476,-0.586950,9.301950,2.295000,9.598845,76.167084,93.610558

23.0213394,-0.634050,9.324000,2.274000,9.618216,76.324280,93.890236

23.0237312,-0.699000,9.385950,2.251950,9.677600,76.544083,94.259125

23.0261250,-0.733050,9.385950,2.250000,9.679666,76.558876,94.465782

23.0285168,-0.759000,9.433950,2.286000,9.736596,76.421089,94.599770

23.0309086,-0.787950,9.433950,2.326050,9.748374,76.195541,94.774422

23.0333004,-0.804000,9.448050,2.353050,9.769796,76.063316,94.863976

23.0356922,-0.771000,9.432000,2.383950,9.759113,75.860748,94.673141

23.0380840,-0.780000,9.436951,2.400000,9.768543,75.777588,94.724976

23.0404758,-0.760950,9.427051,2.467950,9.774411,75.375038,94.614899

23.0428677,-0.715950,9.379050,2.500950,9.733135,75.110710,94.365211

23.0452614,-0.688950,9.334050,2.496000,9.686545,75.067734,94.221367

23.0476532,-0.675000,9.289950,2.472000,9.636887,75.136658,94.155762

23.0500450,-0.643950,9.267000,2.446050,9.605994,75.247871,93.975006

23.0524368,-0.654000,9.276000,2.427000,9.610526,75.372391,94.032936

23.0548286,-0.667950,9.240001,2.359950,9.559976,75.708374,94.134659

23.0572205,-0.691950,9.274051,2.293050,9.578356,76.148918,94.267014

23.0596123,-0.694050,9.304951,2.263950,9.601525,76.361763,94.265755

23.0620060,-0.745050,9.312000,2.230050,9.604247,76.573715,94.574471

23.0643978,-0.754050,9.337951,2.235000,9.631258,76.581795,94.616684

23.0667896,-0.792000,9.372001,2.203950,9.660179,76.811943,94.830421

23.0691814,-0.739950,9.403050,2.179950,9.680758,76.986313,94.499481

23.0715733,-0.742050,9.412951,2.167950,9.687841,77.068825,94.507469

23.0739651,-0.703950,9.429001,2.179950,9.703287,77.017059,94.269669

23.0763569,-0.682050,9.456000,2.182950,9.728639,77.033348,94.125534

23.0787487,-0.627000,9.451051,2.245050,9.734256,76.665596,93.795547

23.0811424,-0.589050,9.415051,2.298000,9.709323,76.309341,93.580025

23.0835342,-0.534000,9.397950,2.341050,9.699852,76.033821,93.252098

23.0859261,-0.541050,9.381001,2.367000,9.690129,75.861351,93.300880

23.0883179,-0.538950,9.381001,2.374050,9.691736,75.820763,93.288101

23.0907097,-0.553050,9.369000,2.350050,9.675059,75.942368,93.378235

23.0931015,-0.583950,9.376950,2.347950,9.684062,75.968513,93.563499

23.0954933,-0.615000,9.367050,2.326050,9.671110,76.083046,93.756401

23.0978851,-0.663000,9.348001,2.323950,9.655332,76.072678,94.056870

23.1002789,-0.622050,9.340950,2.295000,9.638844,76.225624,93.809921

23.1026707,-0.627000,9.348001,2.286000,9.643861,76.287979,93.837265

23.1050625,-0.625050,9.319051,2.278050,9.613788,76.293015,93.837212

23.1074543,-0.618000,9.336000,2.251950,9.623623,76.467178,93.787193

23.1098461,-0.627000,9.325951,2.266050,9.617768,76.372368,93.846306

23.1122379,-0.622050,9.340950,2.290050,9.637667,76.254204,93.809921

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23.1170235,-0.642000,9.372001,2.323950,9.677154,76.104721,93.918747

23.1194153,-0.711000,9.357000,2.302050,9.662216,76.216560,94.345322

23.1218071,-0.747000,9.372001,2.295000,9.677780,76.282127,94.557152

23.1241989,-0.783000,9.396001,2.275950,9.699375,76.429054,94.763641

23.1265907,-0.808950,9.396001,2.242050,9.693607,76.626877,94.920753

23.1289825,-0.828000,9.393001,2.227950,9.689056,76.706169,95.037643

23.1313744,-0.814050,9.381001,2.215950,9.673483,76.757401,94.959503

23.1337662,-0.804000,9.393001,2.211000,9.683150,76.800949,94.892342

23.1361599,-0.768000,9.384001,2.247000,9.679789,76.577309,94.678741

23.1385517,-0.718050,9.415051,2.245050,9.705618,76.625526,94.361290

23.1409435,-0.667950,9.396001,2.286000,9.693131,76.359024,94.066246

23.1433353,-0.615000,9.373950,2.302050,9.672052,76.230850,93.753647

23.1457272,-0.630000,9.349951,2.323950,9.655010,76.072205,93.854767

23.1481190,-0.579000,9.373950,2.343000,9.679661,75.992203,93.534492

23.1505108,-0.586950,9.373950,2.319000,9.674358,76.130821,93.582901

23.1529026,-0.625050,9.348001,2.329050,9.654029,76.039574,93.825363

23.1552963,-0.666000,9.372001,2.347950,9.684566,75.969261,94.064758

23.1576881,-0.699000,9.364950,2.353050,9.681309,75.933327,94.268646

23.1600800,-0.715950,9.373950,2.374050,9.696372,75.827682,94.367577

23.1624718,-0.735000,9.348001,2.400000,9.679119,75.643379,94.495712

23.1648636,-0.754050,9.352950,2.419950,9.690326,75.538559,94.609306

23.1672554,-0.735000,9.343050,2.458050,9.688901,75.303581,94.498085

23.1696472,-0.730050,9.319051,2.452950,9.664090,75.296257,94.479378

23.1720409,-0.706050,9.331051,2.458050,9.675176,75.282257,94.327141

23.1744328,-0.685050,9.328951,2.464950,9.673396,75.237228,94.199844

23.1768246,-0.685050,9.307051,2.434050,9.644433,75.381683,94.209694

23.1792164,-0.663000,9.334050,2.440950,9.670692,75.380013,94.062912

23.1816082,-0.646050,9.304951,2.410050,9.633682,75.512474,93.971718

23.1840000,-0.637050,9.283051,2.386050,9.605941,75.617554,93.925774

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23.1887836,-0.613050,9.337951,2.332950,9.644471,76.001587,93.756165

23.1911774,-0.619950,9.340950,2.311950,9.642759,76.127609,93.797096

23.1935692,-0.582000,9.352950,2.311950,9.652021,76.141190,93.560715

23.1959610,-0.562950,9.349951,2.278050,9.639917,76.330894,93.445557

23.1983528,-0.541050,9.381001,2.274000,9.667832,76.395821,93.300880

23.2007446,-0.505050,9.408000,2.251950,9.686941,76.557304,93.072861

23.2031364,-0.484050,9.403050,2.223000,9.674368,76.715736,92.946869

23.2055283,-0.451950,9.417001,2.191950,9.679297,76.911400,92.747688

23.2079201,-0.457050,9.436951,2.179950,9.696242,77.007462,92.772781

23.2103138,-0.450000,9.421950,2.179950,9.681314,76.987076,92.734413

23.2127056,-0.451950,9.412951,2.191950,9.675358,76.905975,92.748871

23.2150974,-0.478950,9.391050,2.203950,9.658086,76.809029,92.919594

23.2174892,-0.502950,9.391050,2.202000,9.658861,76.821991,93.065620

23.2198811,-0.558000,9.361951,2.197050,9.632472,76.815475,93.410965

23.2222729,-0.571950,9.385950,2.178000,9.652299,76.959145,93.487114

23.2246647,-0.606000,9.372001,2.178000,9.640815,76.943336,93.699631

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23.2294502,-0.661050,9.381001,2.175000,9.652502,76.977707,94.030792

23.2318420,-0.712950,9.388950,2.179950,9.665033,76.964767,94.342422

23.2342339,-0.715950,9.391050,2.215950,9.675476,76.760178,94.359650

23.2366257,-0.723000,9.415051,2.259000,9.709222,76.545952,94.391235

23.2390175,-0.742050,9.384001,2.305050,9.691406,76.240631,94.521317

23.2414093,-0.733050,9.373950,2.317050,9.683854,76.156578,94.471474

23.2438011,-0.748950,9.372001,2.319000,9.683650,76.144394,94.569000

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23.2509785,-0.868950,9.376950,2.275950,9.688251,76.413177,95.294403

23.2533722,-0.895050,9.384001,2.251950,9.691846,76.564232,95.448410

23.2557640,-0.928950,9.385950,2.227950,9.691376,76.709404,95.652290

23.2581558,-0.958050,9.415051,2.262000,9.730246,76.557404,95.810265

23.2605457,-0.949950,9.409950,2.263950,9.724970,76.538162,95.764572

23.2629414,-0.973950,9.409950,2.230050,9.719509,76.735863,95.909195

23.2653332,-0.955050,9.396001,2.221050,9.702063,76.766174,95.803856

23.2677250,-0.937950,9.408000,2.223000,9.712463,76.768791,95.693405

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23.2725086,-0.907050,9.385950,2.274000,9.699993,76.441788,95.519875

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23.2772923,-0.874050,9.334050,2.299950,9.652887,76.215805,95.349632

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23.2868614,-0.819000,9.384001,2.146950,9.661243,77.160370,94.987923

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23.2916451,-0.778050,9.391050,2.070000,9.647906,77.610619,94.736145

23.2940369,-0.745050,9.397950,2.080050,9.654179,77.557724,94.532814

23.2964287,-0.700950,9.429001,2.082000,9.681535,77.581627,94.251534

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23.3012142,-0.594000,9.429001,2.095950,9.677391,77.491638,93.604706

23.3036060,-0.565050,9.472051,2.110950,9.720860,77.457916,93.413902

23.3059978,-0.522000,9.457951,2.074950,9.696944,77.644318,93.159042

23.3083897,-0.514950,9.475051,2.110950,9.721002,77.458099,93.110847

23.3107815,-0.472050,9.439051,2.137050,9.689453,77.258408,92.862999

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23.3155651,-0.486000,9.445951,2.131950,9.695741,77.297707,92.945305

23.3179588,-0.454950,9.427051,2.179950,9.686508,76.994171,92.762955

23.3203506,-0.454950,9.403050,2.166000,9.660015,77.042793,92.769997

23.3227425,-0.466950,9.417001,2.206950,9.683417,76.825928,92.838737

23.3251343,-0.493050,9.391050,2.191950,9.656063,76.879341,93.005386

23.3275261,-0.519000,9.379050,2.167950,9.640329,77.003975,93.167297

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23.3323097,-0.594000,9.361951,2.163000,9.626917,77.015785,93.630455

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23.3370953,-0.694050,9.360001,2.143950,9.627452,77.132843,94.240761

23.3394871,-0.682050,9.361951,2.194950,9.639976,76.838745,94.166832

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23.3514462,-0.514950,9.445951,2.116050,9.693752,77.391380,93.120415

23.3538399,-0.451950,9.480000,2.131950,9.727275,77.339569,92.729454

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23.3586235,-0.366000,9.472051,2.230050,9.737906,76.761375,92.212807

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23.3681908,-0.361050,9.388950,2.365050,9.688973,75.871521,92.202209

23.3705826,-0.394950,9.361951,2.362050,9.663404,75.851700,92.415688

23.3729763,-0.450000,9.400950,2.323950,9.694386,76.129913,92.740517

23.3753681,-0.439950,9.397950,2.287950,9.682445,76.331802,92.680252

23.3777599,-0.426000,9.397950,2.271000,9.677829,76.428413,92.595383

23.3801517,-0.373050,9.417001,2.251950,9.689703,76.561203,92.268562

23.3825436,-0.325950,9.391050,2.286000,9.670774,76.326881,91.987854

23.3849354,-0.285000,9.357000,2.308950,9.641885,76.144691,91.744606

23.3873272,-0.259050,9.372001,2.299950,9.653563,76.216789,91.583298

23.3897190,-0.259050,9.331051,2.287950,9.610949,76.228134,91.590248

23.3921127,-0.238950,9.312000,2.299950,9.594802,76.130699,91.469910

23.3945045,-0.226950,9.283051,2.302050,9.566920,76.076508,91.400475

23.3968964,-0.229950,9.252001,2.275950,9.530601,76.184006,91.423744

23.3992882,-0.265950,9.244950,2.251950,9.518988,76.315544,91.647774

23.4016800,-0.301950,9.280951,2.238000,9.551746,76.449478,91.863426

23.4040718,-0.309000,9.295051,2.223000,9.562174,76.556961,91.904015

23.4064636,-0.330000,9.288000,2.211000,9.553239,76.618141,92.034843

23.4088573,-0.328050,9.328951,2.209050,9.592542,76.685951,92.013962

23.4112492,-0.318000,9.324000,2.166000,9.577560,76.929276,91.953346

23.4136410,-0.337950,9.328951,2.151000,9.579683,77.024307,92.074684

23.4160328,-0.345000,9.346050,2.151000,9.596587,77.047562,92.114059

23.4184246,-0.292050,9.334050,2.137050,9.580020,77.110374,91.792122

23.4208164,-0.286950,9.367050,2.151000,9.615132,77.072975,91.754646

23.4232082,-0.292050,9.343050,2.143950,9.590328,77.082176,91.790398

23.4256001,-0.294000,9.343050,2.143950,9.590387,77.082260,91.802345

23.4279938,-0.292050,9.357000,2.134950,9.601915,77.153122,91.787735

23.4303856,-0.325950,9.357000,2.074950,9.589845,77.504112,91.995087

23.4327774,-0.349050,9.322050,2.038950,9.548810,77.670746,92.144348

23.4351692,-0.369000,9.325951,2.038950,9.553368,77.676720,92.265839

23.4375610,-0.393000,9.349951,2.074950,9.585481,77.498329,92.406860

23.4399529,-0.397050,9.346050,2.139000,9.595917,77.120148,92.432648

23.4423447,-0.417000,9.367050,2.166000,9.623258,76.992432,92.548996

23.4447365,-0.433050,9.427051,2.139000,9.676371,77.229057,92.630142

23.4471302,-0.409050,9.412951,2.155950,9.665355,77.111198,92.488281

23.4495220,-0.381000,9.397950,2.149050,9.648059,77.129730,92.321541

23.4519138,-0.406950,9.405001,2.158950,9.658195,77.083221,92.477615

23.4543056,-0.414000,9.424951,2.179950,9.682628,76.988869,92.515152

23.4566975,-0.438000,9.408000,2.191950,9.669899,76.898453,92.665543

23.4590893,-0.445050,9.403050,2.250000,9.678736,76.557564,92.709808

23.4614811,-0.469050,9.379050,2.278050,9.663132,76.364365,92.862999

23.4638748,-0.469050,9.385950,2.295000,9.673836,76.276428,92.860901

23.4662666,-0.510000,9.369000,2.305050,9.661860,76.197723,93.115814

23.4686584,-0.514950,9.357000,2.262000,9.640295,76.429588,93.150017

23.4710503,-0.531000,9.336000,2.254050,9.618919,76.447571,93.255280

23.4734421,-0.529050,9.334050,2.271000,9.620906,76.346565,93.244026

23.4758339,-0.538950,9.307051,2.251950,9.590774,76.419945,93.314163

23.4782257,-0.555000,9.283051,2.262000,9.570773,76.329109,93.421432

23.4806175,-0.519000,9.286051,2.250000,9.568835,76.400223,93.198952

23.4830112,-0.522000,9.288000,2.281050,9.578237,76.222664,93.216728

23.4854031,-0.505050,9.300000,2.257050,9.583285,76.377754,93.108475

23.4877949,-0.487950,9.322050,2.233050,9.598188,76.546669,92.996338

23.4901886,-0.486000,9.352950,2.173050,9.614366,76.937065,92.974541

23.4925804,-0.498000,9.373950,2.203950,9.642424,76.787216,93.041031

23.4949703,-0.511950,9.393001,2.283000,9.680013,76.358459,93.119728

23.4973640,-0.535950,9.379050,2.331000,9.679224,76.064758,93.270515

23.4997578,-0.579000,9.369000,2.302050,9.665031,76.220650,93.536354

23.5021496,-0.577050,9.367050,2.314050,9.665891,76.148651,93.525208

23.5045414,-0.619950,9.372001,2.307000,9.671659,76.200089,93.784554

23.5069332,-0.699000,9.408000,2.275950,9.704587,76.436485,94.249184

23.5093250,-0.784950,9.424951,2.239950,9.719219,76.675484,94.760849

23.5117168,-0.844950,9.415051,2.262000,9.719762,76.542633,95.128250

23.5141087,-0.907050,9.420000,2.283000,9.735052,76.437057,95.500046

23.5165005,-0.958050,9.412951,2.281050,9.732660,76.445473,95.811554

23.5188942,-0.970050,9.400950,2.283000,9.722703,76.419502,95.891296

23.5212860,-0.996000,9.379050,2.251950,9.696900,76.571365,96.061760

23.5236778,-1.045950,9.360001,2.242050,9.681447,76.609764,96.376167

23.5260696,-1.099050,9.367050,2.254050,9.696921,76.558640,96.692001

23.5284615,-1.089000,9.381001,2.251950,9.708778,76.588104,96.621582

23.5308533,-1.116000,9.385950,2.223000,9.709956,76.765312,96.780701

23.5332451,-1.099050,9.408000,2.233050,9.731644,76.734550,96.663139

23.5356388,-1.056000,9.417001,2.206950,9.729629,76.889618,96.398285

23.5380306,-1.018050,9.432000,2.218950,9.742832,76.835236,96.160416

23.5404224,-0.967050,9.457951,2.226000,9.764379,76.822327,95.838051

23.5428143,-0.912000,9.457951,2.221050,9.757952,76.843338,95.507820

23.5452061,-0.868950,9.487050,2.215950,9.781085,76.905685,95.233307

23.5475979,-0.775950,9.504001,2.170950,9.779630,77.174240,94.667534

23.5499897,-0.727950,9.517950,2.151000,9.785095,77.301292,94.373573

23.5523815,-0.694050,9.499050,2.155950,9.765336,77.245399,94.178902

23.5547752,-0.730050,9.472051,2.149050,9.740181,77.253517,94.407310

23.5571671,-0.742050,9.445951,2.122950,9.709971,77.371063,94.491791

23.5595589,-0.783000,9.436951,2.149050,9.710177,77.213463,94.743065

23.5619507,-0.808950,9.393001,2.146950,9.669140,77.171036,94.922318

23.5643425,-0.880950,9.352950,2.128050,9.632360,77.236504,95.380791

23.5667343,-0.946050,9.340950,2.137050,9.628881,77.176895,95.783188

23.5691261,-0.997950,9.349951,2.166000,9.649302,77.028160,96.092300

23.5715179,-1.009950,9.325951,2.185050,9.631604,76.887573,96.180740

23.5739117,-1.068000,9.331051,2.199000,9.645970,76.822365,96.529465

23.5763035,-1.041000,9.361951,2.235000,9.681169,76.652260,96.344925

23.5786953,-1.045950,9.385950,2.245050,9.707231,76.627785,96.358681

23.5810871,-1.069950,9.393001,2.275950,9.723847,76.463860,96.498512

23.5834789,-1.123050,9.415051,2.293050,9.755126,76.404778,96.802238

23.5858707,-1.099050,9.432000,2.287950,9.767561,76.453194,96.646332

23.5882626,-1.099050,9.421950,2.286000,9.757401,76.450600,96.653358

23.5906563,-1.081950,9.400950,2.281050,9.734047,76.447441,96.565254

23.5930481,-1.065000,9.384001,2.308950,9.722394,76.261681,96.474854

23.5954399,-1.039050,9.397950,2.320950,9.735908,76.208420,96.309074

23.5978317,-1.003050,9.391050,2.319000,9.725004,76.204483,96.096603

23.6002235,-0.960000,9.357000,2.308950,9.685366,76.208122,95.857880

23.6026154,-0.948000,9.340950,2.305050,9.667746,76.206291,95.795029

23.6050072,-0.892950,9.346050,2.281050,9.661739,76.344055,95.457649

23.6073990,-0.919050,9.364950,2.239950,9.672865,76.610451,95.604897

23.6097927,-0.883050,9.337951,2.223000,9.639441,76.666718,95.402153

23.6121845,-0.856950,9.336000,2.238000,9.638667,76.573975,95.244476

23.6145763,-0.832950,9.361951,2.238000,9.661707,76.606583,95.084320

23.6169682,-0.807000,9.376950,2.215950,9.668964,76.751099,94.918877

23.6193600,-0.745050,9.397950,2.203950,9.681630,76.841690,94.532814

23.6217518,-0.711000,9.393001,2.202000,9.673820,76.842735,94.328728

23.6241436,-0.675000,9.388950,2.211000,9.669361,76.781784,94.112091

23.6265354,-0.643950,9.367050,2.215950,9.647110,76.720535,93.932686

23.6289291,-0.634050,9.367050,2.238000,9.651544,76.592216,93.872406

23.6313210,-0.589050,9.376950,2.209050,9.651636,76.768959,93.594536

23.6337128,-0.607950,9.388950,2.187000,9.659450,76.914169,93.704826

23.6361046,-0.615000,9.420000,2.187000,9.690078,76.956261,93.735344

23.6384964,-0.639000,9.436951,2.179950,9.706520,77.021454,93.873734

23.6408882,-0.673050,9.445951,2.182950,9.718244,77.019234,94.075592

23.6432800,-0.646050,9.477000,2.206950,9.752002,76.920227,93.899834

23.6456738,-0.627000,9.468000,2.223000,9.745660,76.814674,93.788773

23.6480656,-0.613050,9.489000,2.218950,9.764256,76.864639,93.696533

23.6504574,-0.553050,9.493951,2.209050,9.763241,76.922905,93.333878

23.6528492,-0.511950,9.496051,2.221050,9.765763,76.854050,93.085938

23.6552410,-0.493050,9.468000,2.239950,9.741843,76.707001,92.981010

23.6576328,-0.475950,9.448050,2.269050,9.728349,76.512039,92.883865

23.6600246,-0.499950,9.393001,2.262000,9.674454,76.478416,93.046738

23.6624165,-0.505050,9.360001,2.203950,9.629230,76.768784,93.088593

23.6648102,-0.571950,9.352950,2.122950,9.607899,77.234642,93.499382

23.6672020,-0.583950,9.346050,2.094000,9.595545,77.395126,93.575249

23.6695938,-0.622050,9.328951,2.080050,9.578251,77.457489,93.814812

23.6719856,-0.661050,9.346050,2.113050,9.604719,77.290894,94.045815

23.6743774,-0.678000,9.369000,2.139000,9.633960,77.171875,94.139069

23.6767693,-0.658050,9.391050,2.161050,9.658934,77.071442,94.008278

23.6791611,-0.615000,9.397950,2.191950,9.669764,76.898262,93.744087

23.6815529,-0.591000,9.427051,2.202000,9.698833,76.877274,93.587288

23.6839466,-0.565050,9.409950,2.187000,9.677262,76.938683,93.436378

23.6863384,-0.546000,9.405001,2.179950,9.669765,76.971260,93.322533

23.6887302,-0.538950,9.381001,2.203950,9.651479,76.799835,93.288101

23.6911221,-0.484050,9.364950,2.206950,9.633651,76.756638,92.958839

23.6935139,-0.478950,9.322050,2.259000,9.603806,76.395454,92.941170

23.6959057,-0.466950,9.319051,2.274000,9.603845,76.303421,92.868523

23.6982975,-0.438000,9.304951,2.302050,9.595488,76.118790,92.695023

23.7006912,-0.436050,9.280951,2.295000,9.570434,76.125198,92.689972

23.7030830,-0.457050,9.280951,2.298000,9.572133,76.109215,92.819313

23.7054749,-0.487950,9.304951,2.295000,9.596210,76.163216,93.001831

23.7078667,-0.484050,9.301950,2.314050,9.597678,76.048218,92.978844

23.7102585,-0.502950,9.295051,2.308950,9.590734,76.069305,93.097221

23.7126503,-0.543000,9.301950,2.331000,9.604931,75.954765,93.340843

23.7150440,-0.579000,9.328951,2.329050,9.632708,76.008049,93.551498

23.7174339,-0.598950,9.340950,2.311950,9.641432,76.125664,93.668831

23.7198277,-0.582000,9.364950,2.298000,9.660322,76.238533,93.556168

23.7222195,-0.547950,9.376950,2.295000,9.669253,76.269798,93.344322

23.7246132,-0.553050,9.384001,2.295000,9.676382,76.280106,93.372849

23.7270031,-0.547950,9.385950,2.307000,9.680835,76.213425,93.341125

23.7293968,-0.510000,9.403050,2.305050,9.694880,76.245659,93.104553

23.7317886,-0.496050,9.405001,2.251950,9.683562,76.552521,93.019165

23.7341805,-0.457050,9.405001,2.254050,9.682132,76.537720,92.782188

23.7365742,-0.445050,9.421950,2.242050,9.695256,76.629189,92.704384

23.7389660,-0.472050,9.429001,2.238000,9.702450,76.663864,92.866043

23.7413578,-0.460050,9.421950,2.257050,9.699436,76.543968,92.795387

23.7437496,-0.448050,9.427051,2.242050,9.700352,76.636345,92.721115

23.7461414,-0.451950,9.439051,2.257050,9.715669,76.566872,92.741280

23.7485332,-0.490950,9.439051,2.245050,9.714781,76.638374,92.977425

23.7509251,-0.514950,9.420000,2.257050,9.700302,76.545189,93.128998

23.7533169,-0.514950,9.357000,2.323950,9.655018,76.072220,93.150017

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23.7581024,-0.523950,9.405001,2.221050,9.677894,76.732529,93.188637

23.7604942,-0.598950,9.421950,2.118000,9.675630,77.355537,93.637375

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23.7652779,-0.691950,9.457951,2.070000,9.706519,77.686607,94.184341

23.7676697,-0.703950,9.469951,2.082000,9.721638,77.633667,94.251274

23.7700615,-0.712950,9.445951,2.158950,9.715727,77.161018,94.316315

23.7724533,-0.721050,9.424951,2.166000,9.697482,77.093719,94.374855

23.7748470,-0.754050,9.409950,2.101050,9.671100,77.452415,94.581505

23.7772388,-0.783000,9.405001,2.056050,9.658906,77.709656,94.759102

23.7796307,-0.787950,9.400950,2.029050,9.649652,77.861717,94.791107

23.7820225,-0.775950,9.373950,2.077050,9.632610,77.547691,94.732002

23.7844143,-0.709050,9.360001,2.098950,9.618626,77.395653,94.332062

23.7868061,-0.651000,9.324000,2.107950,9.581452,77.290779,93.993896

23.7891979,-0.631950,9.310050,2.155950,9.577291,76.990616,93.883179

23.7915916,-0.570000,9.288000,2.143950,9.549260,77.025650,93.511810

23.7939835,-0.553050,9.304951,2.190000,9.575180,76.778488,93.401436