Keuwl Accelerometer Data File

2024-04-15 16:48:41

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

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2.7889073,-2.680950,9.684000,0.271950,10.051930,88.449699,105.474388

2.7935717,-2.652000,9.670051,0.253050,10.030305,88.554359,105.336235

2.7982361,-2.652000,9.664950,0.271950,10.025883,88.445671,105.343941

2.8029006,-2.608950,9.694051,0.286950,10.043086,88.362724,105.063049

2.8075657,-2.596950,9.688951,0.289050,10.035111,88.349434,105.004433

2.8122287,-2.587950,9.720000,0.280050,10.062521,88.405197,104.909126

2.8168919,-2.559000,9.720000,0.270000,10.054839,88.461266,104.749657

2.8215549,-2.547000,9.730050,0.271950,10.061563,88.451187,104.668976

2.8262188,-2.548950,9.718050,0.271950,10.050453,88.449471,104.697060

2.8308837,-2.530050,9.706051,0.274950,10.034150,88.429817,104.610023

2.8355477,-2.523000,9.691951,0.256050,10.018233,88.535454,104.591339

2.8402114,-2.527950,9.691951,0.226950,10.018780,88.701996,104.618744

2.8448765,-2.545050,9.687000,0.241050,10.018651,88.621323,104.720543

2.8495390,-2.542050,9.720000,0.238950,10.049752,88.637566,104.656181

2.8542020,-2.542050,9.736951,0.222000,10.065760,88.736244,104.631760

2.8588655,-2.530050,9.744000,0.234000,10.069829,88.668457,104.555542

2.8635297,-2.539950,9.772950,0.237000,10.100399,88.655464,104.568634

2.8681955,-2.563950,9.783000,0.258000,10.116693,88.538658,104.685905

2.8728592,-2.581050,9.787050,0.253050,10.124831,88.567856,104.773727

2.8775229,-2.602050,9.799050,0.246000,10.141625,88.610069,104.871185

2.8821871,-2.638050,9.790051,0.234000,10.141950,88.677925,105.080856

2.8868508,-2.671950,9.747001,0.250950,10.109714,88.577621,105.329926

2.8915143,-2.680950,9.718050,0.304050,10.085655,88.272453,105.422760

2.8961790,-2.680950,9.687000,0.318000,10.056172,88.187866,105.469826

2.9008436,-2.676000,9.684000,0.330000,10.052349,88.118744,105.447182

2.9055090,-2.656950,9.687000,0.298950,10.049215,88.295280,105.337891

2.9101722,-2.638050,9.670051,0.289050,10.027598,88.348198,105.259331

2.9148364,-2.614050,9.676950,0.268050,10.027387,88.468201,105.116600

2.9195020,-2.590050,9.676950,0.270000,10.021209,88.456100,104.984085

2.9241650,-2.559000,9.696000,0.270000,10.031640,88.457710,104.784569

2.9288278,-2.545050,9.700951,0.265050,10.032745,88.486153,104.700294

2.9334919,-2.533050,9.723001,0.277050,10.051360,88.420532,104.602196

2.9381554,-2.545050,9.712951,0.271950,10.044533,88.448563,104.682915

2.9428198,-2.533050,9.711000,0.258000,10.039245,88.527382,104.619469

2.9474826,-2.559000,9.708000,0.253050,10.042797,88.556152,104.767090

2.9521470,-2.593050,9.706051,0.265050,10.049954,88.488747,104.957703

2.9568121,-2.607000,9.708000,0.246000,10.054960,88.598091,105.031654

2.9614749,-2.662050,9.712951,0.226950,10.073700,88.709076,105.326820

2.9661384,-2.724000,9.700951,0.232050,10.078813,88.680733,105.684593

2.9708018,-2.760000,9.706051,0.259950,10.094186,88.524330,105.873566

2.9754651,-2.808000,9.718050,0.280050,10.119476,88.414177,106.116486

2.9801300,-2.832000,9.723001,0.277050,10.130830,88.432922,106.239159

2.9847949,-2.856000,9.727051,0.274950,10.141393,88.446426,106.362991

2.9894590,-2.848950,9.730050,0.270000,10.142154,88.474518,106.319984

2.9941237,-2.836950,9.696000,0.280050,10.106391,88.412117,106.308937

2.9987869,-2.827050,9.694051,0.270000,10.101472,88.468369,106.258125

3.0034509,-2.812950,9.663000,0.282000,10.068058,88.394974,106.230553

3.0081139,-2.752950,9.658051,0.295950,10.047102,88.312035,105.909775

3.0127778,-2.695050,9.672001,0.289050,10.044622,88.350998,105.570206

3.0174432,-2.623950,9.675000,0.274950,10.028277,88.428894,105.174133

3.0221062,-2.571000,9.706051,0.265050,10.044288,88.487892,104.836143

3.0267701,-2.515950,9.720000,0.280050,10.044244,88.402290,104.512085

3.0314343,-2.503950,9.712951,0.274950,10.034280,88.429840,104.455818

3.0360980,-2.502000,9.712951,0.283950,10.034044,88.378387,104.445030

3.0407622,-2.490000,9.712951,0.307950,10.031766,88.240891,104.378624

3.0454266,-2.499000,9.712951,0.295950,10.033643,88.309769,104.428429

3.0500915,-2.514000,9.703951,0.265050,10.027817,88.485413,104.524277

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3.0594213,-2.547000,9.712951,0.265050,10.044843,88.487976,104.693680

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3.0687497,-2.584950,9.700951,0.268050,10.043021,88.470581,104.920555

3.0734129,-2.620950,9.715950,0.258000,10.066560,88.531380,105.096626

3.0780764,-2.652000,9.724951,0.241050,10.082950,88.630119,105.253700

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3.0920694,-2.647950,9.688951,0.246000,10.047284,88.597015,105.285439

3.0967326,-2.638050,9.715950,0.250950,10.070847,88.572128,105.190582

3.1013961,-2.631000,9.723001,0.220050,10.075084,88.748505,105.141373

3.1060596,-2.623950,9.723001,0.214950,10.073135,88.777275,105.102654

3.1107223,-2.608950,9.730050,0.220050,10.076156,88.748634,105.009842

3.1153860,-2.614050,9.715950,0.214950,10.063754,88.776138,105.058685

3.1200507,-2.604000,9.718050,0.241050,10.063767,88.627502,105.000313

3.1247151,-2.572950,9.732000,0.232050,10.069049,88.679451,104.809052

3.1293795,-2.584950,9.699000,0.250950,10.040695,88.567841,104.923424

3.1340427,-2.583000,9.696000,0.246000,10.037172,88.595604,104.917076

3.1387081,-2.593050,9.694051,0.268050,10.038445,88.469887,104.975388

3.1433730,-2.581050,9.691951,0.262950,10.033189,88.498222,104.912262

3.1480355,-2.593050,9.696000,0.250950,10.039886,88.567726,104.972511

3.1526985,-2.616000,9.694051,0.234000,10.043547,88.664970,105.101898

3.1573620,-2.604000,9.706051,0.226950,10.051852,88.706268,105.018021

3.1620269,-2.604000,9.706051,0.226950,10.051852,88.706268,105.018021

3.1666923,-2.602050,9.723001,0.249000,10.068237,88.582863,104.982292

3.1713560,-2.611950,9.720000,0.220050,10.067229,88.747528,105.041153

3.1760206,-2.602050,9.724951,0.222000,10.069489,88.736710,104.979424

3.1806855,-2.619000,9.711000,0.210000,10.060159,88.803894,105.093239

3.1853492,-2.616000,9.715950,0.208050,10.064116,88.815468,105.069412

3.1900129,-2.638050,9.715950,0.214950,10.070014,88.776894,105.190582

3.1946771,-2.647950,9.724951,0.217050,10.081341,88.766335,105.231483

3.1993434,-2.652000,9.711000,0.222000,10.069057,88.736656,105.274590

3.2040091,-2.656950,9.711000,0.213000,10.070168,88.788010,105.301765

3.2086725,-2.655000,9.706051,0.190950,10.064438,88.912880,105.298492

3.2133362,-2.683050,9.696000,0.201000,10.062385,88.855415,105.467682

3.2180014,-2.671950,9.720000,0.193050,10.082411,88.902878,105.370499

3.2226644,-2.683050,9.706051,0.217050,10.072403,88.765236,105.452431

3.2273278,-2.662050,9.699000,0.220050,10.060097,88.746635,105.347824

3.2319927,-2.662050,9.703951,0.208050,10.064614,88.815529,105.340363

3.2366579,-2.638050,9.687000,0.217050,10.042130,88.761513,105.233871

3.2413242,-2.640000,9.703951,0.186000,10.058372,88.940422,105.219215

3.2459886,-2.652000,9.706051,0.193050,10.063687,88.900841,105.282013

3.2506530,-2.626050,9.711000,0.210000,10.061996,88.804115,105.132011

3.2553182,-2.635950,9.691951,0.225000,10.046530,88.716705,105.214890

3.2599823,-2.635950,9.699000,0.214950,10.053111,88.774841,105.204346

3.2646470,-2.628000,9.691951,0.177000,10.043487,88.990204,105.171120

3.2693126,-2.643000,9.700951,0.181050,10.056176,88.968399,105.240196

3.2739773,-2.632950,9.711000,0.186000,10.063327,88.940941,105.169937

3.2786431,-2.655000,9.712951,0.177000,10.070837,88.992943,105.288132

3.2833066,-2.643000,9.712951,0.196050,10.068033,88.884239,105.222244

3.2879713,-2.638050,9.724951,0.177000,10.077961,88.993660,105.177170

3.2926366,-2.611950,9.706051,0.205050,10.053445,88.831314,105.061790

3.2973006,-2.619000,9.703951,0.205050,10.053252,88.831291,105.103706

3.3019660,-2.628000,9.727051,0.213000,10.078059,88.788963,105.118889

3.3066311,-2.643000,9.699000,0.201000,10.054673,88.854538,105.243118

3.3112965,-2.667000,9.699000,0.189000,10.060777,88.923592,105.375015

3.3159616,-2.664000,9.706051,0.213000,10.067258,88.787666,105.347908

3.3206258,-2.647950,9.706051,0.198000,10.062716,88.872543,105.259766

3.3252902,-2.616000,9.708000,0.217050,10.056632,88.763306,105.081184

3.3299558,-2.628000,9.718050,0.201000,10.069125,88.856186,105.132248

3.3346205,-2.587950,9.711000,0.193050,10.051780,88.899536,104.922333

3.3392856,-2.578050,9.718050,0.205050,10.056286,88.831642,104.857468

3.3439507,-2.581050,9.715950,0.205050,10.055026,88.831497,104.877068

3.3486166,-2.569050,9.682051,0.193050,10.018951,88.895927,104.860512

3.3532834,-2.548950,9.711000,0.214950,10.042254,88.773514,104.707268

3.3579471,-2.563950,9.699000,0.198000,10.034124,88.869331,104.807526

3.3626125,-2.571000,9.712951,0.205050,10.049552,88.830864,104.826065

3.3672783,-2.581050,9.703951,0.214950,10.043639,88.773682,104.894646

3.3719416,-2.607000,9.703951,0.196050,10.049953,88.882225,105.037643

3.3766069,-2.635950,9.703951,0.184050,10.057275,88.951416,105.196945

3.3812716,-2.650050,9.700951,0.205050,10.058492,88.831902,105.278954

3.3859370,-2.667000,9.703951,0.181050,10.065403,88.969345,105.367546

3.3906026,-2.683050,9.711000,0.186000,10.076551,88.942337,105.444931

3.3952665,-2.667000,9.712951,0.189000,10.074225,88.925026,105.353973

3.3999307,-2.671950,9.712951,0.189000,10.075537,88.925163,105.381126

3.4045961,-2.692950,9.723001,0.174000,10.090539,89.011948,105.480972

3.4092598,-2.671950,9.699000,0.165000,10.061667,89.060371,105.402199

3.4139242,-2.679000,9.711000,0.165000,10.075108,89.061623,105.422729

3.4185894,-2.656950,9.699000,0.148050,10.057431,89.156548,105.319809

3.4232545,-2.662050,9.703951,0.178950,10.064054,88.981163,105.340363

3.4279196,-2.631000,9.696000,0.174000,10.048127,89.007782,105.181595

3.4325824,-2.628000,9.696000,0.184050,10.047522,88.950401,105.165077

3.4372454,-2.608950,9.699000,0.222000,10.046219,88.733780,105.055710

3.4419096,-2.583000,9.699000,0.208050,10.039212,88.812531,104.912666

3.4465728,-2.572950,9.696000,0.205050,10.033670,88.829010,104.861603

3.4512367,-2.563950,9.691951,0.193050,10.027214,88.896835,104.817825

3.4559014,-2.557050,9.699000,0.193050,10.032268,88.897392,104.769424

3.4605656,-2.557050,9.712951,0.198000,10.045851,88.870651,104.749138

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3.4745562,-2.559000,9.723001,0.193050,10.055968,88.899994,104.745300

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3.4838858,-2.551950,9.732000,0.184050,10.062711,88.951988,104.693436

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3.4932139,-2.593050,9.706051,0.178950,10.048052,88.979538,104.957703

3.4978771,-2.616000,9.706051,0.198000,10.054357,88.871605,105.084076

3.5025418,-2.650050,9.703951,0.169050,10.060717,89.037216,105.274452

3.5072041,-2.662050,9.703951,0.157950,10.063704,89.100708,105.340363

3.5118680,-2.668950,9.699000,0.153000,10.060681,89.128632,105.385727

3.5165336,-2.686050,9.720000,0.166950,10.085690,89.051529,105.447746

3.5211964,-2.691000,9.694051,0.154950,10.061814,89.117622,105.514282

3.5258601,-2.698050,9.708000,0.165000,10.077299,89.061829,105.531693

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3.5538466,-2.656950,9.699000,0.196050,10.058252,88.883148,105.319809

3.5585093,-2.638050,9.687000,0.202950,10.041836,88.841949,105.233871

3.5631742,-2.620950,9.672001,0.172050,10.022305,89.016373,105.162071

3.5678391,-2.623950,9.708000,0.177000,10.057918,88.991653,105.124924

3.5725029,-2.626050,9.712951,0.178950,10.063278,88.981087,105.129112

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3.6051521,-2.752950,9.694051,0.184050,10.079049,88.953682,105.853668

3.6098168,-2.746050,9.691951,0.193050,10.075315,88.902107,105.819183

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3.6238089,-2.727000,9.675000,0.145950,10.053033,89.168152,105.741043

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3.6611252,-2.710050,9.694051,0.172050,10.067204,89.020760,105.618767

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3.6704535,-2.691000,9.675000,0.172050,10.043740,89.018471,105.543350

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3.6891103,-2.614050,9.732000,0.166950,10.078341,89.050842,105.034973

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3.7124317,-2.619000,9.696000,0.172050,10.044958,89.018593,105.115524

3.7170961,-2.608950,9.706051,0.138000,10.051521,89.213348,105.045273

3.7217593,-2.623950,9.696000,0.150000,10.045897,89.144455,105.142784

3.7264240,-2.659950,9.684000,0.166950,10.044056,89.047600,105.358925

3.7310882,-2.640000,9.684000,0.178950,10.038998,88.978622,105.249115

3.7357538,-2.643000,9.687000,0.160050,10.042362,89.086807,105.261124

3.7404189,-2.638050,9.708000,0.172050,10.061520,89.020203,105.202446

3.7450817,-2.655000,9.699000,0.177000,10.057384,88.991600,105.309090

3.7497454,-2.667000,9.684000,0.162000,10.045844,89.076004,105.397705

3.7544091,-2.674050,9.687000,0.178950,10.050898,88.979828,105.431915

3.7590730,-2.680950,9.672001,0.178950,10.038282,88.978546,105.492668

3.7637389,-2.686050,9.691951,0.165000,10.058628,89.060089,105.490311

3.7684031,-2.679000,9.684000,0.160050,10.049006,89.087418,105.463676

3.7730677,-2.695050,9.703951,0.172050,10.072714,89.021294,105.521416

3.7777338,-2.695050,9.700951,0.193050,10.070204,88.901550,105.525986

3.7823968,-2.683050,9.691951,0.177000,10.058031,88.991661,105.473839

3.7870610,-2.686050,9.670051,0.186000,10.037895,88.938263,105.523697

3.7917249,-2.668950,9.687000,0.166950,10.049335,89.048096,105.403877

3.7963891,-2.664000,9.684000,0.142950,10.044759,89.184578,105.381203

3.8010538,-2.695050,9.696000,0.142950,10.064599,89.186188,105.533531

3.8057182,-2.715000,9.712951,0.172050,10.086736,89.022652,105.616936

3.8103831,-2.703000,9.706051,0.138000,10.076342,89.215286,105.561783

3.8150485,-2.739000,9.700951,0.130950,10.081058,89.255722,105.766678

3.8197124,-2.739000,9.684000,0.124050,10.064659,89.293793,105.792900

3.8243771,-2.748000,9.682051,0.133950,10.065364,89.237488,105.845222

3.8290408,-2.760000,9.679951,0.142950,10.066751,89.186363,105.914200

3.8337042,-2.740950,9.675000,0.153000,10.056931,89.128304,105.817551

3.8383691,-2.719050,9.672001,0.150000,10.048051,89.144638,105.702049

3.8430324,-2.740950,9.675000,0.145950,10.056826,89.168465,105.817551

3.8476973,-2.719050,9.684000,0.141000,10.059472,89.196877,105.683556

3.8523629,-2.722050,9.691951,0.166950,10.068333,89.049896,105.687759

3.8570273,-2.751000,9.676950,0.153000,10.061549,89.128700,105.869591

3.8616927,-2.746050,9.684000,0.136050,10.066735,89.225632,105.831520

3.8663564,-2.728950,9.688951,0.136050,10.066849,89.225647,105.730186

3.8710194,-2.710050,9.684000,0.117000,10.056734,89.333405,105.634178

3.8756850,-2.707050,9.699000,0.145950,10.070751,89.169617,105.594742

3.8803494,-2.695050,9.694051,0.129000,10.062532,89.265457,105.536499

3.8850138,-2.695050,9.688951,0.133950,10.057684,89.236900,105.544289

3.8896799,-2.692950,9.684000,0.129000,10.052287,89.264709,105.540314

3.8943436,-2.700000,9.684000,0.141000,10.054339,89.196472,105.579025

3.8990076,-2.710050,9.679951,0.133950,10.053047,89.236549,105.640404

3.9036717,-2.703000,9.682051,0.150000,10.053398,89.145096,105.598480

3.9083354,-2.710050,9.700951,0.153000,10.073541,89.129738,105.608200

3.9130003,-2.698050,9.694051,0.157950,10.063748,89.100708,105.552956

3.9176648,-2.703000,9.691951,0.169050,10.063234,89.037453,105.583321

3.9223287,-2.698050,9.675000,0.172050,10.045631,89.018654,105.582100

3.9269938,-2.664000,9.691951,0.177000,10.052966,88.991158,105.369179

3.9316573,-2.655000,9.688951,0.157950,10.047375,89.099243,105.324226

3.9363217,-2.623950,9.684000,0.169050,10.034617,89.034714,105.160683

3.9409852,-2.607000,9.687000,0.178950,10.033267,88.978035,105.062759

3.9456494,-2.596950,9.699000,0.201000,10.042666,88.853172,104.989586

3.9503152,-2.557050,9.723001,0.184050,10.055303,88.951210,104.734558

3.9549789,-2.539950,9.724951,0.190950,10.052983,88.911636,104.637459

3.9596424,-2.554050,9.720000,0.208050,10.052107,88.814056,104.722366

3.9643078,-2.542050,9.711000,0.169050,10.039628,89.035194,104.669174

3.9689717,-2.535000,9.706051,0.178950,10.033228,88.978035,104.637383

3.9736359,-2.542050,9.706051,0.178950,10.035012,88.978218,104.676331

3.9783013,-2.533050,9.712951,0.178950,10.039411,88.978661,104.616661

3.9829655,-2.535000,9.715950,0.172050,10.042685,89.018372,104.623108

3.9876299,-2.535000,9.700951,0.166950,10.028088,89.046082,104.644745

3.9922941,-2.547000,9.699000,0.166950,10.029242,89.046188,104.713898

3.9969590,-2.560950,9.711000,0.181050,10.044639,88.967216,104.773483

4.0016251,-2.607000,9.708000,0.162000,10.053256,89.076683,105.031654

4.0062895,-2.652000,9.700951,0.154950,10.058109,89.117294,105.289673

4.0109534,-2.667000,9.700951,0.166950,10.062266,89.049324,105.372070

4.0156183,-2.712000,9.688951,0.160050,10.062620,89.088646,105.637276

4.0202827,-2.710050,9.703951,0.142950,10.076283,89.187134,105.603607

4.0249476,-2.707050,9.703951,0.141000,10.075449,89.198151,105.587173

4.0296116,-2.692950,9.712951,0.136050,10.080273,89.226677,105.496223

4.0342765,-2.710050,9.708000,0.124050,10.079932,89.294861,105.597412

4.0389414,-2.710050,9.684000,0.109950,10.056655,89.373566,105.634178

4.0436058,-2.688000,9.664950,0.117000,10.032462,89.331795,105.542229

4.0482707,-2.707050,9.679951,0.126000,10.052136,89.281799,105.623932

4.0529346,-2.707050,9.664950,0.138000,10.037849,89.212273,105.646996

4.0575995,-2.703000,9.691951,0.118950,10.062518,89.322685,105.583321

4.0622644,-2.707050,9.684000,0.114000,10.055892,89.350441,105.617722

4.0669284,-2.710050,9.696000,0.112050,10.068234,89.362335,105.615776

4.0715938,-2.716950,9.703951,0.118950,10.077829,89.323715,105.641388

4.0762591,-2.707050,9.694051,0.130950,10.065778,89.254593,105.602318

4.0809226,-2.716950,9.679951,0.112050,10.054642,89.361473,105.678268

4.0855870,-2.728950,9.679951,0.138000,10.058213,89.213867,105.744087

4.0902514,-2.722050,9.684000,0.109950,10.059896,89.373772,105.700005

4.0949163,-2.739000,9.679951,0.114000,10.060644,89.350754,105.799179

4.0995817,-2.746050,9.696000,0.094950,10.077809,89.460167,105.812904

4.1042461,-2.760000,9.688951,0.093000,10.074821,89.471100,105.900162

4.1089110,-2.773950,9.708000,0.117000,10.097216,89.336082,105.946686

4.1135764,-2.796000,9.691951,0.118950,10.087897,89.324387,106.092155

4.1182394,-2.809950,9.691951,0.100050,10.091568,89.431946,106.168259

4.1229029,-2.782050,9.687000,0.102000,10.079096,89.420158,106.023758

4.1275668,-2.785950,9.694051,0.106950,10.087000,89.392494,106.033997

4.1322312,-2.772000,9.675000,0.117000,10.064954,89.333954,105.987625

4.1368966,-2.740950,9.679951,0.126000,10.061318,89.282455,105.809868

4.1415601,-2.727000,9.660001,0.126000,10.038327,89.280807,105.764275

4.1462250,-2.695050,9.682051,0.126000,10.050934,89.281715,105.554825

4.1508894,-2.674050,9.687000,0.117000,10.049985,89.332962,105.431915

4.1555529,-2.650050,9.691951,0.117000,10.048401,89.332855,105.292480

4.1602173,-2.643000,9.711000,0.150000,10.065360,89.146111,105.225159

4.1648822,-2.640000,9.694051,0.148050,10.048190,89.155777,105.234039

4.1695476,-2.616000,9.691951,0.142950,10.039811,89.184174,105.105019

4.1742139,-2.590050,9.706051,0.166950,10.047071,89.047882,104.941170

4.1788774,-2.593050,9.718050,0.172050,10.059524,89.020012,104.940063

4.1835418,-2.563950,9.708000,0.190950,10.042687,88.910522,104.794403

4.1882062,-2.572950,9.706051,0.169050,10.042712,89.035492,104.846893

4.1928697,-2.563950,9.700951,0.190950,10.035872,88.909782,104.804680

4.1975341,-2.559000,9.706051,0.196050,10.039639,88.881081,104.769928

4.2021985,-2.542050,9.718050,0.169050,10.046447,89.035851,104.658989

4.2068634,-2.535000,9.718050,0.150000,10.044363,89.144325,104.620079

4.2115293,-2.547000,9.727051,0.145950,10.056045,89.168396,104.673302

4.2161918,-2.554050,9.735001,0.142950,10.065477,89.186256,104.700661

4.2208557,-2.571000,9.718050,0.157950,10.053631,89.099800,104.818626

4.2255206,-2.572950,9.715950,0.154950,10.052052,89.116768,104.832436

4.2301846,-2.584950,9.696000,0.133950,10.035554,89.235222,104.927834

4.2348504,-2.632950,9.687000,0.130950,10.039300,89.252625,105.205788

4.2395153,-2.647950,9.688951,0.136050,10.045194,89.223976,105.285439

4.2441797,-2.655000,9.694051,0.153000,10.052217,89.127892,105.316536

4.2488451,-2.676000,9.703951,0.141000,10.067150,89.197495,105.416939

4.2535086,-2.691000,9.694051,0.130950,10.061474,89.254272,105.514282

4.2581725,-2.707050,9.688951,0.160050,10.061287,89.088531,105.610130

4.2628379,-2.719050,9.696000,0.138000,10.070983,89.214867,105.665092

4.2675009,-2.740950,9.691951,0.153000,10.073238,89.129715,105.791267

4.2721639,-2.746050,9.675000,0.153000,10.058321,89.128426,105.845505

4.2768278,-2.751000,9.675000,0.141000,10.059499,89.196884,105.872627

4.2814918,-2.743050,9.672001,0.142950,10.054469,89.185364,105.833725

4.2861576,-2.760000,9.664950,0.172050,10.052784,89.019356,105.937645

4.2908206,-2.751000,9.667951,0.153000,10.052894,89.127953,105.883621

4.2954850,-2.748000,9.660001,0.172050,10.044736,89.018570,105.879570

4.3001509,-2.727000,9.648001,0.169050,10.027413,89.034019,105.782906

4.3048134,-2.716950,9.682051,0.153000,10.057203,89.128326,105.675034

4.3094778,-2.707050,9.684000,0.150000,10.056365,89.145348,105.617722

4.3141418,-2.712000,9.676950,0.153000,10.050956,89.127785,105.655716

4.3188052,-2.736000,9.688951,0.150000,10.068960,89.146416,105.768806

4.3234701,-2.739000,9.696000,0.148050,10.076530,89.158150,105.774330

4.3281345,-2.751000,9.708000,0.138000,10.091200,89.216438,105.821381

4.3327999,-2.770050,9.712951,0.117000,10.100904,89.336319,105.917694

4.3374653,-2.755050,9.684000,0.117000,10.068954,89.334213,105.880791

4.3421278,-2.776950,9.691951,0.126000,10.082720,89.283974,105.988136

4.3467917,-2.763000,9.679951,0.105000,10.067107,89.402397,105.930618

4.3514552,-2.782050,9.672001,0.105000,10.064712,89.402252,106.047325

4.3561177,-2.763000,9.691951,0.129000,10.078924,89.266655,105.911896

4.3607821,-2.727000,9.675000,0.129000,10.052800,89.264748,105.741043

4.3654456,-2.712000,9.670051,0.141000,10.044138,89.195656,105.666344

4.3701110,-2.700000,9.670051,0.126000,10.040705,89.280983,105.600403

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4.3794398,-2.715000,9.687000,0.150000,10.061397,89.145775,105.656723

4.3841057,-2.731050,9.700951,0.150000,10.079165,89.147285,105.723183

4.3887701,-2.731050,9.687000,0.160050,10.065894,89.088943,105.744705

4.3934345,-2.716950,9.694051,0.153000,10.068756,89.129326,105.656586

4.3980999,-2.695050,9.703951,0.169050,10.072663,89.038361,105.521416

4.4027634,-2.650050,9.703951,0.166950,10.060681,89.049171,105.274452

4.4074268,-2.635950,9.696000,0.165000,10.049273,89.059212,105.208832

4.4120913,-2.611950,9.691951,0.162000,10.039045,89.075378,105.082703

4.4167552,-2.626050,9.699000,0.169050,10.049644,89.036156,105.149872

4.4214201,-2.593050,9.687000,0.154950,10.029252,89.114754,104.985794

4.4260836,-2.572950,9.684000,0.174000,10.021487,89.005142,104.879204

4.4307475,-2.566050,9.682051,0.177000,10.017886,88.987625,104.843925

4.4354119,-2.578050,9.706051,0.157950,10.043839,89.098923,104.875023

4.4400749,-2.587950,9.711000,0.162000,10.051231,89.076500,104.922333

4.4447393,-2.626050,9.706051,0.141000,10.056015,89.196602,105.139374

4.4494038,-2.644950,9.723001,0.154950,10.077524,89.118996,105.217941

4.4540682,-2.626050,9.732000,0.157950,10.081315,89.102280,105.100853

4.4587331,-2.628000,9.700951,0.165000,10.051968,89.059464,105.157692

4.4633980,-2.626050,9.700951,0.154950,10.051298,89.116699,105.146965

4.4680629,-2.635950,9.679951,0.154950,10.033628,89.115143,105.232880

4.4727278,-2.655000,9.682051,0.150000,10.040599,89.144005,105.334633

4.4773912,-2.671950,9.670051,0.178950,10.034003,88.978111,105.446114

4.4820561,-2.686050,9.687000,0.178950,10.054097,88.980156,105.497841

4.4867225,-2.692950,9.696000,0.186000,10.064740,88.941093,105.522011

4.4913864,-2.703000,9.694051,0.166950,10.065222,89.049599,105.580109

4.4960518,-2.692950,9.700951,0.160050,10.069064,89.089233,105.514465

4.5007153,-2.719050,9.684000,0.177000,10.060040,88.991867,105.683556

4.5053797,-2.707050,9.694051,0.169050,10.066345,89.037750,105.602318

4.5100451,-2.722050,9.679951,0.157950,10.056638,89.100075,105.706245

4.5147090,-2.715000,9.676950,0.133950,10.051495,89.236435,105.672188

4.5193734,-2.739000,9.663000,0.133950,10.044582,89.235909,105.825508

4.5240393,-2.734050,9.670051,0.124050,10.049891,89.292755,105.787392

4.5287018,-2.719050,9.694051,0.112050,10.068784,89.362373,105.668091

4.5333667,-2.739000,9.687000,0.126000,10.067571,89.282898,105.788254

4.5380316,-2.734050,9.672001,0.114000,10.051648,89.350174,105.784363

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4.5520239,-2.763000,9.688951,0.097950,10.075690,89.442993,105.916573

4.5566869,-2.770050,9.706051,0.121950,10.094329,89.307793,105.928436

4.5613518,-2.791050,9.676950,0.112050,10.072035,89.362579,106.088753

4.5660157,-2.784000,9.711000,0.105000,10.102733,89.404503,105.996811

4.5706801,-2.767050,9.700951,0.085950,10.088230,89.511841,105.919998

4.5753446,-2.728950,9.703951,0.093000,10.080798,89.471413,105.707069

4.5800080,-2.724000,9.700951,0.129000,10.076966,89.266510,105.684593

4.5846725,-2.698050,9.682051,0.145950,10.052009,89.168068,105.571297

4.5893364,-2.707050,9.672001,0.148050,10.044782,89.155487,105.636147

4.5940003,-2.700000,9.660001,0.136050,10.031157,89.222885,105.615845

4.5986652,-2.724000,9.664950,0.136050,10.042407,89.223763,105.740128

4.6033287,-2.719050,9.670051,0.138000,10.046002,89.212914,105.705063

4.6079936,-2.715000,9.676950,0.138000,10.051549,89.213348,105.672188

4.6126585,-2.691000,9.682051,0.160050,10.050334,89.087532,105.532578

4.6173229,-2.695050,9.676950,0.114000,10.045877,89.349800,105.562630

4.6219873,-2.707050,9.691951,0.138000,10.063849,89.214310,105.605530

4.6266499,-2.698050,9.691951,0.124050,10.061251,89.293556,105.556168

4.6313152,-2.695050,9.711000,0.124050,10.078800,89.294785,105.510689

4.6359801,-2.695050,9.708000,0.136050,10.076064,89.226349,105.515251

4.6406441,-2.692950,9.703951,0.153000,10.071844,89.129593,105.509903

4.6453090,-2.707050,9.708000,0.141000,10.079349,89.198463,105.580986

4.6499729,-2.704950,9.691951,0.154950,10.063532,89.117775,105.594017

4.6546373,-2.683050,9.696000,0.142950,10.061392,89.185928,105.467682

4.6593022,-2.683050,9.672001,0.169050,10.038672,89.035103,105.504219

4.6639662,-2.715000,9.694051,0.174000,10.068570,89.009796,105.645897

4.6686306,-2.727000,9.684000,0.172050,10.062106,89.020264,105.727142

4.6732960,-2.727000,9.675000,0.172050,10.053445,89.019417,105.741043

4.6779590,-2.719050,9.676950,0.184050,10.053382,88.951012,105.694412

4.6826239,-2.724000,9.682051,0.148050,10.059035,89.156685,105.713699

4.6872883,-2.683050,9.664950,0.196050,10.032371,88.880272,105.514984

4.6919513,-2.692950,9.675000,0.177000,10.044348,88.990288,105.554070

4.6966166,-2.688000,9.679951,0.177000,10.047791,88.990639,105.519302

4.7012811,-2.671950,9.682051,0.210000,10.046169,88.802231,105.427879

4.7059455,-2.676000,9.688951,0.201000,10.053713,88.854431,105.439667

4.7106104,-2.650050,9.700951,0.166950,10.057787,89.048897,105.278954

4.7152734,-2.652000,9.708000,0.189000,10.065491,88.924095,105.279091

4.7199383,-2.644950,9.724951,0.198000,10.080160,88.874489,105.215027

4.7246027,-2.631000,9.684000,0.189000,10.036819,88.921021,105.199532

4.7292671,-2.616000,9.694051,0.184050,10.042507,88.949875,105.101898

4.7339330,-2.596950,9.688951,0.190950,10.032765,88.909447,105.004433

4.7385969,-2.583000,9.706051,0.210000,10.046064,88.802216,104.902313

4.7432604,-2.599950,9.703951,0.189000,10.047991,88.922218,104.998810

4.7479253,-2.619000,9.694051,0.202950,10.043653,88.842155,105.118423

4.7525892,-2.616000,9.712951,0.210000,10.061260,88.804031,105.073853

4.7572527,-2.620950,9.708000,0.198000,10.057528,88.871956,105.108421

4.7619166,-2.616000,9.708000,0.193050,10.056143,88.900009,105.081184

4.7665811,-2.616000,9.700951,0.222000,10.049934,88.734253,105.091644

4.7712460,-2.620950,9.696000,0.237000,10.046789,88.648285,105.126266

4.7759099,-2.638050,9.687000,0.225000,10.042306,88.716171,105.233871

4.7805734,-2.644950,9.711000,0.234000,10.067474,88.668144,105.235870

4.7852383,-2.647950,9.699000,0.210000,10.056160,88.803421,105.270340

4.7899008,-2.656950,9.715950,0.229050,10.075294,88.697334,105.294334

4.7945642,-2.671950,9.712951,0.225000,10.076277,88.720497,105.381126

4.7992287,-2.683050,9.703951,0.217050,10.070379,88.764992,105.455612

4.8038931,-2.683050,9.694051,0.214950,10.060794,88.775780,105.470642

4.8085580,-2.695050,9.694051,0.178950,10.063296,88.981087,105.536499

4.8132219,-2.727000,9.682051,0.190950,10.060572,88.912460,105.730148

4.8178859,-2.727000,9.655951,0.213000,10.035900,88.783875,105.770561

4.8225503,-2.739000,9.667951,0.205050,10.050544,88.830978,105.817810

4.8272133,-2.736000,9.679951,0.178950,10.060774,88.980835,105.782738

4.8318777,-2.758050,9.676950,0.178950,10.063908,88.981148,105.908203

4.8365417,-2.751000,9.676950,0.189000,10.062161,88.923737,105.869591

4.8412061,-2.752950,9.676950,0.193050,10.062772,88.900734,105.880272

4.8458710,-2.767050,9.676950,0.208050,10.066936,88.815804,105.957474

4.8505354,-2.739000,9.672001,0.198000,10.054299,88.871597,105.811516

4.8552003,-2.716950,9.664950,0.208050,10.041731,88.812828,105.701401

4.8598657,-2.691000,9.658051,0.229050,10.028554,88.691261,105.569305

4.8645287,-2.688000,9.682051,0.241050,10.051147,88.625778,105.516098

4.8691931,-2.668950,9.667951,0.244050,10.032553,88.606094,105.432785

4.8738565,-2.686050,9.703951,0.220050,10.071244,88.748024,105.472069

4.8785205,-2.683050,9.699000,0.214950,10.065564,88.776360,105.463127

4.8831859,-2.692950,9.706051,0.250950,10.075831,88.572838,105.506706

4.8878503,-2.680950,9.691951,0.249000,10.058996,88.581558,105.462303

4.8925152,-2.656950,9.691951,0.232050,10.052220,88.677238,105.330421

4.8971810,-2.650050,9.703951,0.246000,10.062304,88.599113,105.274452

4.9018455,-2.620950,9.687000,0.225000,10.037827,88.715599,105.139671

4.9065094,-2.623950,9.700951,0.249000,10.052640,88.580658,105.135406

4.9111733,-2.602050,9.708000,0.256050,10.053929,88.540649,105.004402

4.9158378,-2.616000,9.684000,0.258000,10.034434,88.526680,105.116852

4.9205022,-2.611950,9.700951,0.259950,10.049791,88.517807,105.069344

4.9251647,-2.608950,9.708000,0.262950,10.055896,88.501610,105.042389

4.9298296,-2.616000,9.700951,0.262950,10.050922,88.500870,105.091644

4.9344945,-2.652000,9.696000,0.225000,10.054658,88.717743,105.297112

4.9391589,-2.656950,9.699000,0.226950,10.058902,88.707176,105.319809

4.9438229,-2.659950,9.696000,0.234000,10.056963,88.666756,105.340813

4.9484882,-2.628000,9.684000,0.232050,10.036936,88.675224,105.183006

4.9531541,-2.611950,9.682051,0.238950,10.031026,88.635025,105.097420

4.9578185,-2.614050,9.688951,0.262950,10.038833,88.499062,105.098732

4.9624820,-2.584950,9.684000,0.238950,10.025912,88.634323,104.945503

4.9671464,-2.602050,9.699000,0.205050,10.044069,88.830223,105.017693

4.9718108,-2.583000,9.718050,0.198000,10.057415,88.871948,104.884727

4.9764743,-2.595000,9.712951,0.196050,10.055539,88.882851,104.958290

4.9811387,-2.602050,9.708000,0.196050,10.052581,88.882523,105.004402

4.9858046,-2.614050,9.703951,0.217050,10.052216,88.762756,105.076462

4.9904695,-2.611950,9.708000,0.213000,10.055492,88.786247,105.058899

4.9951344,-2.608950,9.682051,0.193050,10.029257,88.897064,105.080872

4.9997978,-2.611950,9.684000,0.202950,10.032115,88.840828,105.094521

5.0044618,-2.619000,9.687000,0.205050,10.036891,88.829384,105.128922

5.0091267,-2.655000,9.691951,0.205050,10.051118,88.831047,105.319702

5.0137906,-2.668950,9.684000,0.208050,10.047210,88.813477,105.408424

5.0184565,-2.719050,9.694051,0.229050,10.070765,88.696747,105.668091

5.0231214,-2.715000,9.688951,0.225000,10.064672,88.719025,105.653725

5.0277867,-2.704950,9.696000,0.226950,10.068797,88.708450,105.587822

5.0324516,-2.692950,9.691951,0.238950,10.061957,88.639221,105.528183

5.0371146,-2.668950,9.696000,0.225000,10.059142,88.718315,105.390259

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5.0464435,-2.611950,9.700951,0.172050,10.047901,89.018875,105.069344

5.0511084,-2.595000,9.711000,0.186000,10.053465,88.939903,104.961159

5.0557718,-2.587950,9.691951,0.162000,10.032828,89.074806,104.950348

5.0604367,-2.566050,9.691951,0.190950,10.027711,88.908897,104.829430

5.0651007,-2.572950,9.694051,0.189000,10.031471,88.920441,104.864464

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5.0744276,-2.584950,9.687000,0.202950,10.028017,88.840355,104.941078

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5.1024127,-2.655000,9.715950,0.190950,10.073985,88.913910,105.283630

5.1070771,-2.652000,9.724951,0.201000,10.082071,88.857651,105.253700

5.1117396,-2.638050,9.712951,0.196050,10.066735,88.884094,105.195053

5.1164045,-2.619000,9.688951,0.210000,10.038876,88.801361,105.126022

5.1210709,-2.620950,9.687000,0.217050,10.037652,88.760963,105.139671

5.1257348,-2.623950,9.691951,0.214950,10.043168,88.773628,105.148819

5.1304002,-2.640000,9.675000,0.205050,10.030816,88.828674,105.262634

5.1350651,-2.635950,9.694051,0.237000,10.048832,88.648560,105.211746

5.1397295,-2.626050,9.699000,0.229050,10.050832,88.694168,105.149872

5.1443954,-2.611950,9.696000,0.213000,10.043907,88.784843,105.076691

5.1490588,-2.628000,9.706051,0.196050,10.057447,88.883064,105.150093

5.1537232,-2.614050,9.720000,0.193050,10.067221,88.901222,105.052696

5.1583881,-2.638050,9.720000,0.208050,10.073777,88.816605,105.184540

5.1630507,-2.631000,9.720000,0.222000,10.072232,88.737053,105.145828

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5.1723785,-2.643000,9.703951,0.217050,10.059783,88.763687,105.235710

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5.1817079,-2.704950,9.676950,0.222000,10.050344,88.734299,105.617012

5.1863713,-2.731050,9.676950,0.232050,10.057627,88.677956,105.760246

5.1910353,-2.739000,9.670051,0.220050,10.052881,88.745735,105.814545

5.1957002,-2.752950,9.688951,0.217050,10.074800,88.765533,105.861595

5.2003646,-2.746050,9.706051,0.222000,10.089475,88.739212,105.797348

5.2050290,-2.746050,9.712951,0.238950,10.096499,88.643875,105.786682

5.2096934,-2.743050,9.699000,0.241050,10.082314,88.630028,105.791847

5.2143579,-2.734050,9.682051,0.225000,10.063189,88.718834,105.768799

5.2190228,-2.727000,9.660001,0.208050,10.039693,88.812592,105.764275

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5.2283492,-2.719050,9.667951,0.217050,10.045378,88.761917,105.708305

5.2330141,-2.716950,9.664950,0.220050,10.041987,88.744377,105.701401

5.2376776,-2.719050,9.655951,0.198000,10.033435,88.869247,105.726860

5.2423410,-2.710050,9.667951,0.189000,10.042378,88.921616,105.658859

5.2470050,-2.715000,9.670051,0.198000,10.045910,88.870651,105.682816

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5.2563310,-2.674050,9.691951,0.172050,10.055549,89.019623,105.424408

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5.2656589,-2.640000,9.724951,0.157950,10.078156,89.101997,105.187874

5.2703233,-2.611950,9.712951,0.172050,10.059487,89.020004,105.051575

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5.2796512,-2.539950,9.696000,0.117000,10.023845,89.331223,104.679276

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5.3029709,-2.620950,9.715950,0.129000,10.064079,89.265572,105.096626

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5.3122988,-2.664000,9.700951,0.129000,10.060913,89.265343,105.355598

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5.3216262,-2.719050,9.675000,0.136050,10.050740,89.224403,105.697418

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5.3542733,-2.686050,9.687000,0.118950,10.053208,89.322060,105.497841

5.3589363,-2.692950,9.684000,0.109950,10.052061,89.373283,105.540314

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5.3682666,-2.692950,9.712951,0.094950,10.079802,89.460274,105.496223

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5.3775954,-2.736000,9.708000,0.046950,10.086287,89.733299,105.739395

5.3822598,-2.739000,9.723001,0.045000,10.101528,89.744759,105.732697

5.3869228,-2.752950,9.699000,0.064050,10.082334,89.636017,105.845985

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5.4289002,-2.707050,9.694051,0.058950,10.065099,89.664421,105.602318

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5.6667876,-2.779050,9.682051,0.172050,10.074464,89.021461,106.015129

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6.5250611,-2.779050,9.670051,0.202950,10.063508,88.844444,106.033981

6.5297256,-2.776950,9.703951,0.226950,10.096020,88.711929,105.969376

6.5343890,-2.743050,9.715950,0.222000,10.098183,88.740295,105.765671

6.5390539,-2.746050,9.691951,0.214950,10.075758,88.777596,105.819183

6.5437179,-2.743050,9.684000,0.229050,10.067604,88.696342,105.815086

6.5483832,-2.739000,9.687000,0.234000,10.069501,88.668411,105.788254

6.5530496,-2.716950,9.679951,0.238950,10.056857,88.638527,105.678268

6.5577145,-2.686050,9.682051,0.270000,10.051361,88.460732,105.505386

6.5623803,-2.680950,9.699000,0.256050,10.065966,88.542397,105.451599

6.5670447,-2.667000,9.682051,0.259950,10.046022,88.517250,105.400658

6.5717101,-2.655000,9.699000,0.249000,10.058908,88.581543,105.309090

6.5763760,-2.644950,9.706051,0.246000,10.062986,88.599205,105.243279

6.5810394,-2.643000,9.712951,0.256050,10.069380,88.542892,105.222244

6.5857038,-2.644950,9.730050,0.246000,10.086137,88.602425,105.207428

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6.5950313,-2.668950,9.711000,0.246000,10.074092,88.600754,105.367615

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6.6090231,-2.683050,9.687000,0.250950,10.054835,88.569855,105.481361

6.6136885,-2.686050,9.688951,0.241050,10.057273,88.626617,105.494873

6.6183524,-2.707050,9.687000,0.253050,10.061318,88.558815,105.613121

6.6230164,-2.716950,9.672001,0.253050,10.049550,88.557129,105.690521

6.6276808,-2.710050,9.664950,0.259950,10.041076,88.516525,105.663483

6.6323447,-2.698050,9.664950,0.253050,10.037667,88.555420,105.597511

6.6370091,-2.686050,9.682051,0.265050,10.051229,88.488937,105.505386

6.6416717,-2.652000,9.694051,0.270000,10.053885,88.461121,105.300041

6.6463366,-2.635950,9.706051,0.289050,10.061769,88.353806,105.193810

6.6510015,-2.590050,9.706051,0.294000,10.049986,88.323647,104.941170

6.6556654,-2.554050,9.706051,0.318000,10.041500,88.185219,104.742607

6.6603308,-2.536950,9.696000,0.310950,10.027225,88.222939,104.662689

6.6649952,-2.523000,9.723001,0.306000,10.049672,88.255142,104.546722

6.6696601,-2.502000,9.703951,0.295950,10.025680,88.308426,104.457863

6.6743250,-2.482050,9.703951,0.325050,10.021622,88.141296,104.347359

6.6789894,-2.473050,9.718050,0.318000,10.032826,88.183655,104.277580

6.6836538,-2.470050,9.715950,0.286950,10.029117,88.360443,104.263924

6.6883187,-2.485050,9.708000,0.301050,10.025537,88.279243,104.358238

6.6929832,-2.494050,9.711000,0.282000,10.030121,88.388901,104.403816

6.6976476,-2.533050,9.706051,0.282000,10.035103,88.389702,104.626602

6.7023115,-2.551950,9.724951,0.294000,10.058507,88.325066,104.703621

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6.7209678,-2.631000,9.708000,0.262950,10.061639,88.502464,105.163689

6.7256331,-2.644950,9.706051,0.258000,10.063287,88.530907,105.243279

6.7302966,-2.643000,9.720000,0.304050,10.077515,88.271057,105.211716

6.7349615,-2.632950,9.712951,0.277050,10.067304,88.423035,105.167030

6.7396274,-2.608950,9.730050,0.282000,10.077699,88.396507,105.009842

6.7442918,-2.596950,9.700951,0.265050,10.046036,88.488159,104.986710

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6.7536197,-2.590050,9.712951,0.274950,10.056111,88.433250,104.931030

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6.7629490,-2.596950,9.694051,0.286950,10.039975,88.362221,104.996895

6.7676134,-2.599950,9.696000,0.259950,10.041899,88.516647,105.010559

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6.7769418,-2.587950,9.699000,0.262950,10.041775,88.499504,104.939964

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6.8002629,-2.631000,9.708000,0.259950,10.061561,88.519547,105.163689

6.8049254,-2.638050,9.711000,0.265050,10.066434,88.491226,105.197968

6.8095894,-2.652000,9.688951,0.256050,10.048603,88.539879,105.307716

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6.8189192,-2.656950,9.696000,0.262950,10.056886,88.501762,105.324326

6.8235846,-2.676000,9.708000,0.270000,10.073686,88.464149,105.410812

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6.8375778,-2.671950,9.703951,0.246000,10.068093,88.599915,105.394714

6.8422413,-2.647950,9.700951,0.271950,10.059525,88.450874,105.267410

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6.8562336,-2.668950,9.712951,0.256050,10.076222,88.543884,105.364670

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6.8888826,-2.674050,9.699000,0.258000,10.064180,88.531036,105.413727

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6.9122071,-2.683050,9.679951,0.234000,10.047635,88.665512,105.492096

6.9168715,-2.668950,9.691951,0.232050,10.055399,88.677658,105.396385

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6.9308667,-2.662050,9.700951,0.301050,10.064074,88.285835,105.344887

6.9355311,-2.652000,9.687000,0.274950,10.047222,88.431862,105.310661

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6.9495254,-2.614050,9.715950,0.319950,10.066545,88.178635,105.058685

6.9541898,-2.575950,9.703951,0.334950,10.045615,88.089241,104.866516

6.9588547,-2.527950,9.712951,0.330000,10.041954,88.116798,104.588486

6.9635186,-2.499000,9.718050,0.298950,10.038669,88.293488,104.421173

6.9681826,-2.470050,9.723001,0.280050,10.035752,88.400940,104.253998

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6.9821749,-2.475000,9.718050,0.304050,10.032874,88.263367,104.288376

6.9868407,-2.494050,9.720000,0.282000,10.038836,88.390297,104.391029

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7.0054970,-2.710050,9.691951,0.280050,10.067607,88.405998,105.621986

7.0101624,-2.715000,9.708000,0.277050,10.084308,88.425690,105.624512

7.0148268,-2.752950,9.718050,0.277050,10.104257,88.428802,105.816483

7.0194917,-2.736000,9.708000,0.271950,10.089843,88.455528,105.739395

7.0241561,-2.703000,9.718050,0.253050,10.090131,88.562927,105.543495

7.0288191,-2.680950,9.720000,0.256050,10.086202,88.545326,105.419807

7.0334830,-2.640000,9.694051,0.262950,10.050540,88.500809,105.234039

7.0381465,-2.616000,9.700951,0.246000,10.050493,88.597466,105.091644

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7.0474758,-2.548950,9.696000,0.244050,10.028416,88.605522,104.729034

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7.4019780,-2.563950,9.712951,0.181050,10.047289,88.967484,104.787193

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7.4439616,-2.542050,9.739051,0.124050,10.066108,89.293900,104.628738

7.4486275,-2.566050,9.732000,0.109950,10.065214,89.374100,104.771072

7.4532928,-2.563950,9.706051,0.124050,10.039753,89.292046,104.797249

7.4579587,-2.583000,9.711000,0.121950,10.049393,89.304695,104.895058

7.4626226,-2.619000,9.696000,0.141000,10.044475,89.195679,105.115524

7.4672871,-2.626050,9.687000,0.165000,10.037994,89.058159,105.167778

7.4719510,-2.659950,9.699000,0.178950,10.058725,88.980621,105.336288

7.4766145,-2.659950,9.694051,0.169050,10.053782,89.036552,105.343750

7.4812799,-2.700000,9.691951,0.166950,10.062394,89.049332,105.566864

7.4859452,-2.703000,9.708000,0.172050,10.078744,89.021881,105.558807

7.4906106,-2.688000,9.718050,0.186000,10.084663,88.943184,105.461372

7.4952760,-2.656950,9.715950,0.190950,10.074499,88.913963,105.294334

7.4999390,-2.643000,9.724951,0.196050,10.079611,88.885521,105.204330

7.5046034,-2.626050,9.727051,0.172050,10.076768,89.021690,105.108185

7.5092683,-2.619000,9.712951,0.150000,10.060967,89.145737,105.090347

7.5139322,-2.607000,9.718050,0.154950,10.062850,89.117714,105.016815

7.5185976,-2.620950,9.706051,0.186000,10.055416,88.940109,105.111320

7.5232630,-2.632950,9.700951,0.181050,10.053539,88.968132,105.184929

7.5279264,-2.640000,9.706051,0.162000,10.059983,89.077301,105.216072

7.5325913,-2.628000,9.700951,0.169050,10.052035,89.036385,105.157692

7.5372548,-2.635950,9.694051,0.157950,10.047278,89.099236,105.211746

7.5419192,-2.640000,9.694051,0.181050,10.048731,88.967636,105.234039

7.5465841,-2.650050,9.694051,0.165000,10.051100,89.059387,105.289322

7.5512476,-2.656950,9.703951,0.154950,10.062309,89.117668,105.312355

7.5559125,-2.650050,9.703951,0.150000,10.060414,89.145691,105.274452

7.5605764,-2.659950,9.696000,0.157950,10.055481,89.099968,105.340813

7.5652394,-2.671950,9.708000,0.189000,10.070765,88.924652,105.388596

7.5699039,-2.664000,9.699000,0.196050,10.060117,88.883362,105.358536

7.5745668,-2.667000,9.708000,0.201000,10.069685,88.856247,105.361435

7.5792308,-2.698050,9.687000,0.193050,10.057570,88.900169,105.563728

7.5838957,-2.715000,9.694051,0.184050,10.068749,88.952614,105.645897

7.5885596,-2.731050,9.699000,0.196050,10.078079,88.885345,105.726189

7.5932250,-2.746050,9.696000,0.213000,10.079613,88.789146,105.812904

7.5978899,-2.743050,9.694051,0.210000,10.076857,88.805878,105.799507

7.6025548,-2.743050,9.676950,0.196050,10.060125,88.883362,105.826027

7.6072197,-2.736000,9.687000,0.201000,10.067972,88.856056,105.771820

7.6118827,-2.760000,9.688951,0.189000,10.076164,88.925232,105.900162

7.6165471,-2.722050,9.691951,0.184050,10.068631,88.952599,105.687759

7.6212120,-2.731050,9.687000,0.198000,10.066569,88.872971,105.744705

7.6258759,-2.710050,9.684000,0.205050,10.058145,88.831863,105.634178

7.6305404,-2.692950,9.687000,0.190950,10.056163,88.911980,105.535728

7.6352053,-2.688000,9.679951,0.201000,10.048243,88.853806,105.519302

7.6398706,-2.688000,9.688951,0.205050,10.056995,88.831726,105.505585

7.6445351,-2.662050,9.699000,0.184050,10.059374,88.951637,105.347824

7.6491981,-2.655000,9.718050,0.177000,10.075756,88.993439,105.280487

7.6538620,-2.638050,9.706051,0.205050,10.060257,88.832108,105.205360

7.6585264,-2.623950,9.706051,0.184050,10.056163,88.951302,105.127823

7.6631899,-2.620950,9.712951,0.178950,10.061949,88.980949,105.101074

7.6678553,-2.620950,9.688951,0.196050,10.039103,88.881020,105.136765

7.6725197,-2.643000,9.703951,0.193050,10.059294,88.900360,105.235710

7.6771841,-2.620950,9.703951,0.198000,10.053618,88.871521,105.114433

7.6818495,-2.632950,9.699000,0.214950,10.052325,88.774742,105.187843

7.6865134,-2.655000,9.700951,0.217050,10.060049,88.763725,105.306160

7.6911783,-2.650050,9.706051,0.222000,10.063770,88.735992,105.271301

7.6958437,-2.652000,9.688951,0.222000,10.047793,88.733978,105.307716

7.7005076,-2.632950,9.682051,0.234000,10.036398,88.664017,105.213196

7.7051716,-2.647950,9.691951,0.238950,10.050007,88.637604,105.280930

7.7098365,-2.632950,9.706051,0.237000,10.059623,88.650017,105.177315

7.7145009,-2.614050,9.715950,0.234000,10.064178,88.667709,105.058685

7.7191663,-2.616000,9.712951,0.229050,10.061677,88.695572,105.073853

7.7238297,-2.626050,9.706051,0.241050,10.057916,88.626709,105.139374

7.7284932,-2.611950,9.699000,0.238950,10.047387,88.637245,105.072235

7.7331591,-2.632950,9.711000,0.241050,10.064495,88.627602,105.169937

7.7378230,-2.643000,9.700951,0.237000,10.057339,88.649704,105.240196

7.7424884,-2.662050,9.700951,0.249000,10.062652,88.582069,105.344887

7.7471528,-2.668950,9.696000,0.244050,10.059587,88.609840,105.390259

7.7518177,-2.683050,9.699000,0.258000,10.066575,88.531387,105.463127

7.7564831,-2.700000,9.696000,0.226950,10.067469,88.708275,105.560677

7.7611475,-2.698050,9.687000,0.222000,10.058167,88.735291,105.563728

7.7658119,-2.716950,9.687000,0.232050,10.063480,88.678719,105.667419

7.7704778,-2.728950,9.696000,0.222000,10.075161,88.737419,105.719315

7.7751422,-2.724000,9.699000,0.253050,10.077441,88.561119,105.687592

7.7798066,-2.722050,9.682051,0.222000,10.059868,88.735504,105.703011

7.7844715,-2.731050,9.664950,0.250950,10.046535,88.568672,105.778839

7.7891369,-2.739000,9.667951,0.225000,10.050971,88.717278,105.817810

7.7938027,-2.731050,9.658051,0.238950,10.039605,88.636192,105.789551

7.7984662,-2.739000,9.670051,0.244050,10.053435,88.608994,105.814545

7.8031311,-2.722050,9.684000,0.238950,10.062132,88.639244,105.700005

7.8077965,-2.727000,9.694051,0.241050,10.073195,88.628792,105.711639

7.8124604,-2.731050,9.699000,0.234000,10.078889,88.669655,105.726189

7.8171268,-2.704950,9.696000,0.214950,10.068534,88.776718,105.587822

7.8217921,-2.712000,9.696000,0.213000,10.070389,88.788040,105.626465

7.8264580,-2.695050,9.688951,0.238950,10.059630,88.638908,105.544289

7.8311238,-2.695050,9.696000,0.217050,10.065925,88.764442,105.533531

7.8357878,-2.674050,9.684000,0.232050,10.049091,88.676826,105.436462

7.8404522,-2.686050,9.691951,0.213000,10.059530,88.786728,105.490311

7.8451180,-2.692950,9.691951,0.213000,10.061375,88.786957,105.528183

7.8497825,-2.686050,9.682051,0.232050,10.050414,88.677002,105.505386

7.8544478,-2.683050,9.682051,0.220050,10.049343,88.745300,105.488899

7.8591132,-2.683050,9.687000,0.214950,10.054001,88.774948,105.481361

7.8637781,-2.679000,9.676950,0.196050,10.042850,88.881439,105.474403

7.8684435,-2.691000,9.687000,0.214950,10.056126,88.775208,105.525024

7.8731074,-2.698050,9.687000,0.213000,10.057973,88.786545,105.563728

7.8777709,-2.710050,9.684000,0.213000,10.058310,88.786583,105.634178

7.8824363,-2.728950,9.688951,0.226950,10.068487,88.708405,105.730186

7.8871012,-2.700000,9.672001,0.249000,10.044880,88.579567,105.597412

7.8917670,-2.731050,9.667951,0.246000,10.049299,88.597298,105.774185

7.8964319,-2.731050,9.675000,0.232050,10.055750,88.677704,105.763260

7.9010963,-2.731050,9.687000,0.249000,10.067701,88.582787,105.744705

7.9057612,-2.719050,9.684000,0.249000,10.061565,88.581917,105.683556

7.9104257,-2.715000,9.703951,0.249000,10.079678,88.584465,105.630714

7.9150901,-2.703000,9.684000,0.234000,10.056879,88.666740,105.595490

7.9197559,-2.688000,9.691951,0.262950,10.061233,88.502403,105.501015

7.9244199,-2.683050,9.699000,0.256050,10.066525,88.542480,105.463127

7.9290853,-2.686050,9.718050,0.250950,10.085551,88.574211,105.450699

7.9337497,-2.686050,9.682051,0.244050,10.050698,88.608612,105.505386

7.9384127,-2.664000,9.691951,0.249000,10.054492,88.580925,105.369179

7.9430776,-2.679000,9.682051,0.258000,10.049165,88.528839,105.466637

7.9477420,-2.695050,9.696000,0.250950,10.066712,88.571541,105.533531

7.9524083,-2.710050,9.684000,0.244050,10.059015,88.609764,105.634178

7.9570742,-2.722050,9.691951,0.241050,10.069835,88.628334,105.687759

7.9617386,-2.719050,9.688951,0.250950,10.066379,88.571495,105.675934

7.9664035,-2.716950,9.682051,0.258000,10.059348,88.530327,105.675034

7.9710679,-2.707050,9.676950,0.246000,10.051468,88.597603,105.628540

7.9757314,-2.698050,9.670051,0.229050,10.042003,88.693016,105.589684

7.9803967,-2.707050,9.687000,0.213000,10.060390,88.786835,105.613121

7.9850607,-2.692950,9.696000,0.198000,10.064969,88.872795,105.522011

7.9897251,-2.671950,9.687000,0.241050,10.051637,88.625847,105.420372

7.9943905,-2.652000,9.694051,0.222000,10.052711,88.734604,105.300041

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8.0037184,-2.595000,9.703951,0.246000,10.047945,88.597107,104.971542

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8.0130472,-2.542050,9.694051,0.213000,10.024072,88.782440,104.693718

8.0177126,-2.557050,9.708000,0.226950,10.041677,88.704956,104.756332

8.0223761,-2.575950,9.700951,0.246000,10.040144,88.596016,104.870911

8.0270414,-2.583000,9.723001,0.256050,10.063508,88.542046,104.877487

8.0317049,-2.604000,9.711000,0.286950,10.058166,88.365181,105.010712

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8.0410337,-2.608950,9.712951,0.253050,10.060420,88.558685,105.035072

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8.0503626,-2.664000,9.699000,0.241050,10.061094,88.627144,105.358536

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8.0643578,-2.652000,9.694051,0.256050,10.053521,88.540596,105.300041

8.0690241,-2.656950,9.675000,0.229050,10.035810,88.692207,105.356018

8.0736885,-2.631000,9.676950,0.237000,10.031037,88.646164,105.210091

8.0783539,-2.619000,9.670051,0.237000,10.021238,88.644844,105.154221

8.0830183,-2.628000,9.676950,0.222000,10.029907,88.731720,105.193550

8.0876818,-2.587950,9.684000,0.234000,10.026569,88.662712,104.962074

8.0923462,-2.575950,9.706051,0.244050,10.045024,88.607826,104.863441

8.0970097,-2.560950,9.691951,0.229050,10.027205,88.691086,104.801247

8.1016750,-2.569050,9.706051,0.232050,10.042973,88.676025,104.825386

8.1063414,-2.548950,9.711000,0.229050,10.042566,88.693092,104.707268

8.1110058,-2.524950,9.711000,0.232050,10.036571,88.675179,104.574715

8.1156702,-2.554050,9.706051,0.234000,10.039190,88.664391,104.742607

8.1203356,-2.554050,9.715950,0.229050,10.048648,88.693878,104.728233

8.1250000,-2.572950,9.724951,0.213000,10.061814,88.787010,104.819313

8.1296654,-2.590050,9.711000,0.237000,10.053261,88.649162,104.933899

8.1343298,-2.607000,9.718050,0.234000,10.064378,88.667732,105.016815

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8.1436615,-2.655000,9.715950,0.249000,10.075253,88.583847,105.283630

8.1483250,-2.656950,9.706051,0.225000,10.065657,88.719147,105.309196

8.1529894,-2.664000,9.699000,0.232050,10.060883,88.678383,105.358536

8.1576538,-2.662050,9.700951,0.238950,10.062407,88.639282,105.344887

8.1623182,-2.674050,9.706051,0.213000,10.069922,88.787987,105.403061

8.1669846,-2.674050,9.696000,0.198000,10.059929,88.872231,105.418266

8.1716490,-2.683050,9.712951,0.178950,10.078303,88.982605,105.441978

8.1763134,-2.676000,9.699000,0.190950,10.063203,88.912743,105.424431

8.1809788,-2.688000,9.703951,0.174000,10.070863,89.010017,105.482765

8.1856413,-2.668950,9.684000,0.189000,10.046834,88.922096,105.408424

8.1903057,-2.664000,9.672001,0.172050,10.033648,89.017487,105.399376

8.1949701,-2.656950,9.687000,0.157950,10.046010,89.099121,105.337891

8.1996355,-2.664000,9.679951,0.172050,10.041312,89.018234,105.387329

8.2043009,-2.662050,9.663000,0.172050,10.024454,89.016579,105.402298

8.2089653,-2.676000,9.676950,0.189000,10.041916,88.921570,105.457901

8.2136307,-2.683050,9.687000,0.210000,10.053897,88.803154,105.481361

8.2182951,-2.686050,9.679951,0.186000,10.047433,88.939270,105.508583

8.2229595,-2.691000,9.696000,0.201000,10.064507,88.855659,105.511314

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8.2322884,-2.680950,9.720000,0.193050,10.084799,88.903137,105.419807

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8.2416172,-2.640000,9.711000,0.190950,10.065267,88.912964,105.208679

8.2462797,-2.650050,9.694051,0.210000,10.051939,88.802917,105.289322

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8.2929258,-2.652000,9.718050,0.214950,10.075704,88.777588,105.264023

8.2975903,-2.638050,9.706051,0.234000,10.060888,88.667274,105.205360

8.3022547,-2.638050,9.691951,0.237000,10.047357,88.648361,105.226448

8.3069191,-2.647950,9.696000,0.232050,10.053751,88.677444,105.274841

8.3115826,-2.644950,9.682051,0.241050,10.039720,88.624214,105.279305

8.3162479,-2.638050,9.684000,0.226950,10.039455,88.704674,105.238373

8.3209124,-2.638050,9.696000,0.246000,10.051479,88.597603,105.220390

8.3255768,-2.644950,9.708000,0.217050,10.064201,88.764229,105.240364

8.3302422,-2.652000,9.708000,0.229050,10.066322,88.696175,105.279091

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8.3395700,-2.620950,9.708000,0.222000,10.058028,88.735268,105.108421

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8.3535662,-2.599950,9.703951,0.193050,10.048068,88.899132,104.998810

8.3582306,-2.616000,9.706051,0.220050,10.054815,88.745979,105.084076

8.3628950,-2.626050,9.691951,0.220050,10.043827,88.744606,105.160385

8.3675604,-2.631000,9.688951,0.232050,10.042499,88.675957,105.192131

8.3722239,-2.638050,9.700951,0.229050,10.055855,88.694817,105.212982

8.3768883,-2.680950,9.706051,0.193050,10.071355,88.901672,105.440910

8.3815527,-2.692950,9.699000,0.190950,10.067723,88.913231,105.517441

8.3862190,-2.707050,9.682051,0.198000,10.055319,88.871712,105.620712

8.3908854,-2.700000,9.687000,0.222000,10.058691,88.735352,105.574432

8.3955498,-2.710050,9.696000,0.222000,10.070059,88.736778,105.615776

8.4002151,-2.695050,9.708000,0.220050,10.077549,88.748810,105.515251

8.4048805,-2.679000,9.703951,0.234000,10.069680,88.668434,105.433395

8.4095459,-2.664000,9.699000,0.232050,10.060883,88.678383,105.358536

8.4142103,-2.643000,9.691951,0.217050,10.048207,88.762268,105.253693

8.4188747,-2.659950,9.694051,0.229050,10.054970,88.694702,105.343750

8.4235382,-2.616000,9.694051,0.241050,10.043714,88.624763,105.101898

8.4282026,-2.647950,9.687000,0.241050,10.045283,88.624977,105.288368

8.4328671,-2.652000,9.694051,0.253050,10.053445,88.557686,105.300041

8.4375305,-2.644950,9.684000,0.265050,10.042204,88.487579,105.276367

8.4421949,-2.643000,9.691951,0.237000,10.048657,88.648537,105.253693

8.4468594,-2.635950,9.691951,0.234000,10.046736,88.665398,105.214890

8.4515238,-2.640000,9.688951,0.237000,10.044975,88.648041,105.241684

8.4561872,-2.640000,9.699000,0.222000,10.054327,88.734802,105.226624

8.4608517,-2.643000,9.703951,0.237000,10.060233,88.650093,105.235710

8.4655180,-2.643000,9.700951,0.213000,10.056802,88.786400,105.240196

8.4701824,-2.656950,9.699000,0.250950,10.059472,88.570511,105.319809

8.4748478,-2.656950,9.706051,0.237000,10.065931,88.650856,105.309196

8.4795132,-2.662050,9.715950,0.225000,10.076548,88.720535,105.322311

8.4841757,-2.679000,9.706051,0.246000,10.071990,88.600456,105.430222

8.4888391,-2.655000,9.699000,0.234000,10.058548,88.666962,105.309090

8.4935036,-2.683050,9.684000,0.213000,10.051069,88.785713,105.485931

8.4981680,-2.710050,9.682051,0.237000,10.056970,88.649658,105.637177

8.5028334,-2.700000,9.694051,0.225000,10.065548,88.719131,105.563652

8.5074978,-2.692950,9.688951,0.214950,10.058526,88.775497,105.532753

8.5121632,-2.695050,9.687000,0.208050,10.057065,88.814644,105.547264

8.5168285,-2.695050,9.679951,0.205050,10.050214,88.830940,105.558037

8.5214920,-2.683050,9.699000,0.186000,10.064987,88.941116,105.463127

8.5261564,-2.700000,9.688951,0.189000,10.059895,88.923492,105.571449

8.5308199,-2.688000,9.703951,0.189000,10.071134,88.924698,105.482765

8.5354853,-2.676000,9.691951,0.189000,10.056371,88.923119,105.435120

8.5401506,-2.691000,9.700951,0.201000,10.069277,88.856201,105.503777

8.5448141,-2.704950,9.684000,0.205050,10.056771,88.831703,105.606194

8.5494785,-2.698050,9.699000,0.217050,10.069617,88.764900,105.545403

8.5541430,-2.691000,9.699000,0.222000,10.067839,88.736504,105.506744

8.5588055,-2.707050,9.715950,0.213000,10.088269,88.790192,105.568855

8.5634699,-2.707050,9.699000,0.225000,10.072207,88.719978,105.594742

8.5681353,-2.692950,9.684000,0.222000,10.053910,88.734749,105.540314

8.5727997,-2.707050,9.694051,0.220050,10.067331,88.747536,105.602318

8.5774641,-2.691000,9.687000,0.229050,10.056437,88.694893,105.525024

8.5821266,-2.698050,9.684000,0.244050,10.055789,88.609314,105.568321

8.5867901,-2.679000,9.675000,0.234000,10.041784,88.664734,105.477371

8.5914555,-2.680950,9.679951,0.249000,10.047435,88.579926,105.480553

8.5961170,-2.652000,9.699000,0.234000,10.057756,88.666855,105.292603

8.6007814,-2.631000,9.700951,0.249000,10.054482,88.580917,105.174202

8.6054468,-2.638050,9.696000,0.229050,10.051079,88.694199,105.220390

8.6101122,-2.616000,9.700951,0.237000,10.050277,88.648758,105.091644

8.6147776,-2.604000,9.706051,0.232050,10.051970,88.677208,105.018021

8.6194420,-2.590050,9.703951,0.244050,10.046620,88.608047,104.944260

8.6241064,-2.578050,9.696000,0.250950,10.036022,88.567177,104.889755

8.6287718,-2.584950,9.699000,0.226950,10.040124,88.704758,104.923424

8.6334352,-2.590050,9.706051,0.222000,10.048138,88.734024,104.941170

8.6380997,-2.614050,9.715950,0.226950,10.064017,88.707832,105.058685

8.6427622,-2.623950,9.703951,0.222000,10.054903,88.734879,105.130943

8.6474266,-2.643000,9.718050,0.234000,10.073763,88.668976,105.214630

8.6520920,-2.659950,9.703951,0.232050,10.064584,88.678864,105.328835

8.6567564,-2.667000,9.694051,0.237000,10.057021,88.649666,105.382492

8.6614208,-2.676000,9.682051,0.217050,10.047397,88.762169,105.450150

8.6660852,-2.671950,9.694051,0.234000,10.058265,88.666924,105.409691

8.6707487,-2.668950,9.687000,0.258000,10.051260,88.529144,105.403877

8.6754103,-2.676000,9.687000,0.246000,10.052834,88.597794,105.442627

8.6800747,-2.662050,9.699000,0.222000,10.060140,88.735535,105.347824

8.6847391,-2.671950,9.675000,0.246000,10.040193,88.596024,105.438583

8.6894026,-2.674050,9.675000,0.258000,10.041053,88.527649,105.450142

8.6940660,-2.655000,9.703951,0.253050,10.063783,88.559166,105.301643

8.6987295,-2.655000,9.699000,0.238950,10.058664,88.638771,105.309090

8.7033939,-2.659950,9.687000,0.232050,10.048242,88.676720,105.354393

8.7080545,-2.644950,9.696000,0.225000,10.052801,88.717506,105.258347

8.7127190,-2.679000,9.711000,0.225000,10.076269,88.720497,105.422729

8.7173834,-2.674050,9.703951,0.249000,10.068725,88.582932,105.406235

8.7220478,-2.671950,9.711000,0.241050,10.074768,88.629005,105.384071

8.7267122,-2.664000,9.739051,0.238950,10.099659,88.644302,105.298340

8.7313766,-2.674050,9.691951,0.238950,10.056915,88.638535,105.424408

8.7360411,-2.679000,9.688951,0.222000,10.054954,88.734886,105.456154

8.7407055,-2.674050,9.687000,0.220050,10.051713,88.745590,105.431915

8.7453690,-2.716950,9.684000,0.202950,10.059963,88.844032,105.672035

8.7500334,-2.727000,9.691951,0.201000,10.070294,88.856316,105.714874

8.7546978,-2.727000,9.696000,0.208050,10.074335,88.816673,105.708641

8.7593613,-2.707050,9.708000,0.190950,10.080171,88.914574,105.580986

8.7640266,-2.680950,9.699000,0.193050,10.064560,88.900932,105.451599

8.7686892,-2.671950,9.691951,0.213000,10.055775,88.786278,105.412872

8.7733536,-2.647950,9.699000,0.225000,10.056484,88.717979,105.270340

8.7780180,-2.662050,9.676950,0.217050,10.038774,88.761101,105.381142

8.7826805,-2.620950,9.676950,0.229050,10.028221,88.691223,105.154671

8.7873449,-2.608950,9.696000,0.222000,10.043323,88.733414,105.060158

8.7920074,-2.608950,9.687000,0.229050,10.034793,88.692078,105.073517

8.7966719,-2.602050,9.718050,0.258000,10.063684,88.530960,104.989586

8.8013372,-2.616000,9.700951,0.246000,10.050493,88.597466,105.091644

8.8059998,-2.611950,9.700951,0.256050,10.049691,88.540039,105.069344

8.8106651,-2.608950,9.712951,0.249000,10.060320,88.581741,105.035072

8.8153305,-2.614050,9.712951,0.249000,10.061644,88.581932,105.063126

8.8199921,-2.607000,9.715950,0.258000,10.062937,88.530853,105.019913

8.8246555,-2.608950,9.712951,0.274950,10.060995,88.434006,105.035072

8.8293190,-2.602050,9.718050,0.246000,10.063383,88.599258,104.989586

8.8339834,-2.604000,9.700951,0.253050,10.047551,88.556839,105.025558

8.8386488,-2.595000,9.688951,0.256050,10.033710,88.537712,104.993675

8.8433123,-2.620950,9.679951,0.253050,10.031693,88.554558,105.150192

8.8479748,-2.632950,9.676950,0.250950,10.031888,88.566582,105.220848

8.8526402,-2.614050,9.694051,0.244050,10.043279,88.607582,105.091156

8.8573027,-2.652000,9.700951,0.238950,10.059753,88.638924,105.289673

8.8619671,-2.676000,9.706051,0.229050,10.070792,88.696754,105.413765

8.8666325,-2.680950,9.700951,0.222000,10.067037,88.736404,105.448647

8.8712969,-2.688000,9.715950,0.241050,10.083805,88.630234,105.464561

8.8759623,-2.679000,9.708000,0.256050,10.074119,88.543579,105.427269

8.8806248,-2.686050,9.676950,0.250950,10.045955,88.568588,105.513161

8.8852873,-2.727000,9.664950,0.246000,10.045313,88.596741,105.756599

8.8899527,-2.704950,9.667951,0.249000,10.042312,88.579201,105.630836

8.8946161,-2.707050,9.675000,0.234000,10.049304,88.665733,105.631538

8.8992805,-2.704950,9.688951,0.238950,10.062287,88.639267,105.598610

8.9039450,-2.680950,9.691951,0.237000,10.058706,88.649887,105.462303

8.9086103,-2.667000,9.688951,0.232050,10.051990,88.677208,105.390205

8.9132748,-2.686050,9.703951,0.249000,10.071918,88.583374,105.472069

8.9179373,-2.656950,9.694051,0.225000,10.054086,88.717674,105.327263

8.9225998,-2.655000,9.691951,0.220050,10.051435,88.745560,105.319702

8.9272642,-2.631000,9.696000,0.213000,10.048879,88.785446,105.181595

8.9319277,-2.626050,9.712951,0.237000,10.064478,88.650665,105.129112

8.9365921,-2.635950,9.700951,0.222000,10.055146,88.734909,105.201431

8.9412575,-2.632950,9.706051,0.225000,10.059348,88.718346,105.177315

8.9459219,-2.635950,9.715950,0.226950,10.069728,88.708565,105.179047

8.9505863,-2.644950,9.706051,0.214950,10.062275,88.775955,105.243279

8.9552488,-2.640000,9.703951,0.214950,10.058949,88.775551,105.219215

8.9599113,-2.640000,9.687000,0.241050,10.043191,88.624695,105.244606

8.9645758,-2.644950,9.688951,0.222000,10.045935,88.733749,105.268929

8.9692392,-2.632950,9.699000,0.241050,10.052917,88.626022,105.187843

8.9739037,-2.638050,9.691951,0.234000,10.047287,88.665466,105.226448

8.9785681,-2.655000,9.691951,0.225000,10.051545,88.717346,105.319702

8.9832325,-2.668950,9.708000,0.229050,10.070801,88.696754,105.372139

8.9878969,-2.686050,9.715950,0.234000,10.083119,88.670212,105.453873

8.9925594,-2.700000,9.708000,0.246000,10.079473,88.601501,105.542374

8.9972239,-2.691000,9.696000,0.237000,10.065290,88.650772,105.511314

9.0018873,-2.686050,9.700951,0.246000,10.068954,88.600037,105.476624

9.0065508,-2.680950,9.694051,0.237000,10.060729,88.650162,105.459114

9.0112143,-2.680950,9.691951,0.208050,10.058065,88.814758,105.462303

9.0158796,-2.662050,9.688951,0.213000,10.050256,88.785614,105.362991

9.0205441,-2.664000,9.676950,0.225000,10.039467,88.715805,105.391876

9.0252094,-2.686050,9.675000,0.220050,10.043352,88.744545,105.516136

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9.0345364,-2.650050,9.675000,0.220050,10.033784,88.743347,105.318016

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9.0718479,-2.623950,9.711000,0.226950,10.061816,88.707550,105.120461

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9.1091595,-2.724000,9.684000,0.201000,10.061831,88.855354,105.710693

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9.1184893,-2.712000,9.676950,0.208050,10.051945,88.814034,105.655716

9.1231537,-2.691000,9.708000,0.217050,10.076402,88.765732,105.493057

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9.1324825,-2.683050,9.700951,0.217050,10.067488,88.764633,105.460167

9.1371460,-2.659950,9.706051,0.217050,10.066274,88.764488,105.325668

9.1418085,-2.656950,9.687000,0.210000,10.046963,88.802322,105.337891

9.1464729,-2.643000,9.694051,0.198000,10.049840,88.871094,105.250542

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9.1604681,-2.614050,9.712951,0.241050,10.061450,88.627190,105.063126

9.1651316,-2.626050,9.727051,0.246000,10.078302,88.601334,105.108185

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9.1931190,-2.698050,9.696000,0.225000,10.066902,88.719307,105.549980

9.1977835,-2.686050,9.682051,0.217050,10.050078,88.762497,105.505386

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9.2117786,-2.635950,9.699000,0.237000,10.053607,88.649208,105.204346

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9.2490892,-2.593050,9.712951,0.265050,10.056618,88.489754,104.947556

9.2537518,-2.614050,9.694051,0.256050,10.043577,88.539146,105.091156

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9.2817345,-2.688000,9.708000,0.217050,10.075601,88.765633,105.476616

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9.2957287,-2.715000,9.696000,0.190950,10.070755,88.913559,105.642906

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9.3143854,-2.727000,9.684000,0.232050,10.063312,88.678696,105.727142

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9.3237152,-2.707050,9.687000,0.220050,10.060542,88.746696,105.613121

9.3283787,-2.691000,9.694051,0.208050,10.062772,88.815315,105.514282

9.3330431,-2.674050,9.700951,0.232050,10.065428,88.678978,105.410774

9.3377085,-2.656950,9.691951,0.214950,10.051841,88.774689,105.330421

9.3423738,-2.638050,9.676950,0.222000,10.032545,88.732056,105.248955

9.3470383,-2.628000,9.699000,0.217050,10.051075,88.762619,105.160606

9.3517036,-2.640000,9.691951,0.222000,10.047526,88.733948,105.237183

9.3563662,-2.631000,9.696000,0.214950,10.048920,88.774330,105.181595

9.3610315,-2.659950,9.696000,0.220050,10.056648,88.746208,105.340813

9.3656950,-2.644950,9.708000,0.241050,10.064747,88.627640,105.240364

9.3703594,-2.667000,9.694051,0.256050,10.057488,88.541168,105.382492

9.3750248,-2.655000,9.699000,0.238950,10.058664,88.638771,105.309090

9.3796892,-2.644950,9.691951,0.232050,10.049055,88.676826,105.264420

9.3843536,-2.640000,9.691951,0.238950,10.047915,88.637314,105.237183

9.3890181,-2.632950,9.696000,0.250950,10.050264,88.569206,105.192322

9.3936815,-2.626050,9.703951,0.246000,10.056009,88.598236,105.142502

9.3983469,-2.628000,9.711000,0.234000,10.063035,88.667557,105.142731

9.4030094,-2.607000,9.715950,0.253050,10.062811,88.559029,105.019913

9.4076738,-2.604000,9.711000,0.259950,10.057431,88.518936,105.010712

9.4123392,-2.583000,9.708000,0.258000,10.049066,88.528824,104.899452

9.4170036,-2.581050,9.700951,0.256050,10.041704,88.538879,104.899048

9.4216681,-2.569050,9.700951,0.262950,10.038805,88.499062,104.832832

9.4263325,-2.584950,9.720000,0.249000,10.060933,88.581833,104.892616

9.4309969,-2.599950,9.706051,0.259950,10.051603,88.518074,104.995712

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9.4403248,-2.643000,9.711000,0.249000,10.067323,88.582733,105.225159

9.4449873,-2.662050,9.684000,0.238950,10.046067,88.637070,105.370476

9.4496527,-2.676000,9.699000,0.256050,10.064648,88.542206,105.424431

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9.4589806,-2.683050,9.699000,0.238950,10.066105,88.639778,105.463127

9.4636450,-2.688000,9.724951,0.232050,10.092267,88.682487,105.450928

9.4683113,-2.695050,9.708000,0.232050,10.077818,88.680603,105.515251

9.4729757,-2.692950,9.703951,0.237000,10.073470,88.651871,105.509903

9.4776402,-2.703000,9.688951,0.246000,10.061933,88.599060,105.587914

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9.4869709,-2.679000,9.670051,0.220050,10.036700,88.743713,105.484909

9.4916353,-2.659950,9.691951,0.237000,10.053129,88.649139,105.346916

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9.5056267,-2.638050,9.700951,0.246000,10.056255,88.598267,105.212982

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9.5149536,-2.650050,9.699000,0.237000,10.057313,88.649704,105.281883

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9.5429401,-2.628000,9.706051,0.244050,10.058497,88.609695,105.150093

9.5476065,-2.628000,9.723001,0.226950,10.074454,88.709175,105.124901

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9.5569363,-2.638050,9.711000,0.225000,10.065459,88.719124,105.197968

9.5616016,-2.650050,9.688951,0.238950,10.047668,88.637283,105.296989

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9.6082487,-2.652000,9.691951,0.262950,10.051674,88.500984,105.303200

9.6129131,-2.640000,9.708000,0.249000,10.063642,88.582214,105.213165

9.6175795,-2.616000,9.718050,0.241050,10.066879,88.627930,105.066299

9.6222448,-2.599950,9.723001,0.244050,10.067574,88.610947,104.970749

9.6269093,-2.596950,9.715950,0.259950,10.060388,88.519371,104.964607

9.6315737,-2.578050,9.691951,0.250950,10.032109,88.566612,104.895699

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9.6409016,-2.559000,9.694051,0.238950,10.028968,88.634743,104.787407

9.6455669,-2.595000,9.703951,0.241050,10.047825,88.625328,104.971542

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9.6548958,-2.602050,9.703951,0.250950,10.049891,88.569153,105.010384

9.6595612,-2.644950,9.711000,0.232050,10.067430,88.679237,105.235870

9.6642246,-2.635950,9.718050,0.232050,10.071871,88.679825,105.175919

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9.6922150,-2.635950,9.699000,0.229050,10.053423,88.694504,105.204346

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9.7015448,-2.659950,9.703951,0.244050,10.064868,88.610573,105.328835

9.7062092,-2.680950,9.715950,0.229050,10.081649,88.698158,105.425934

9.7108755,-2.700000,9.703951,0.234000,10.075288,88.669174,105.548546

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9.7295341,-2.731050,9.684000,0.213000,10.063989,88.787270,105.749336

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9.7528582,-2.710050,9.682051,0.225000,10.056694,88.718002,105.637177

9.7575216,-2.703000,9.694051,0.214950,10.066133,88.776428,105.580109

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9.7715168,-2.686050,9.688951,0.246000,10.057393,88.598427,105.494873

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17.7249146,-6.457050,7.362000,-0.754050,9.821463,94.403259,131.253296

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17.9161758,-6.129000,7.599000,-0.241050,9.765632,91.414406,128.888031

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18.1867161,-6.186000,7.905000,0.343950,10.043602,88.037483,128.044693

18.1913795,-6.213000,7.920001,0.361050,10.072643,87.945816,128.113113

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18.6391563,-6.478050,7.795050,0.033000,10.135533,89.813454,129.728165

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18.6484852,-6.478050,7.786050,-0.004050,10.128560,90.022911,129.760696

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18.6624775,-6.435000,7.828950,-0.067050,10.134406,90.379074,129.418472

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18.6764698,-6.337050,7.788001,-0.067050,10.040700,90.382614,129.135040

18.6811352,-6.313050,7.780951,-0.049950,10.019995,90.285622,129.054047

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18.6951294,-6.331950,7.714050,-0.037950,9.980061,90.217873,129.380295

18.6997910,-6.364050,7.699950,-0.013950,9.989523,90.080009,129.573914

18.7044563,-6.373050,7.696950,-0.001950,9.992938,90.011177,129.624649

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18.7184505,-6.411000,7.720951,-0.009000,10.035641,90.051384,129.704147

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18.7324467,-6.399000,7.711051,0.001950,10.020354,89.988853,129.687515

18.7371120,-6.391950,7.711051,0.025950,10.015887,89.851555,129.656479

18.7417755,-6.385050,7.683001,0.007050,9.989865,89.959564,129.728683

18.7464409,-6.373050,7.695000,0.049950,9.991561,89.713562,129.631775

18.7511044,-6.375000,7.708951,0.049950,10.003551,89.713905,129.589417

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18.7650986,-6.390000,7.744950,0.118950,10.041440,89.321266,129.524460

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18.7790928,-6.397050,7.810050,0.136050,10.096417,89.227913,129.320190

18.7837563,-6.390000,7.837950,0.142950,10.113654,89.190132,129.189133

18.7884216,-6.418950,7.855051,0.133950,10.145082,89.243477,129.254837

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18.8070793,-6.349051,7.881001,0.112050,10.120927,89.365662,128.855438

18.8117409,-6.307950,7.881001,0.129000,10.095397,89.267845,128.673767

18.8164063,-6.277050,7.872000,0.145950,10.069312,89.169495,128.568497

18.8210716,-6.229050,7.893001,0.169050,10.056296,89.036789,128.280029

18.8257351,-6.190950,7.900950,0.177000,10.039134,88.989769,128.081192

18.8304005,-6.165000,7.903050,0.172050,10.024721,89.016609,127.957031

18.8350639,-6.174000,7.915051,0.172050,10.039717,89.018074,127.955406

18.8397293,-6.184050,7.920001,0.184050,10.050013,88.950661,127.983231

18.8443928,-6.234000,7.903050,0.181050,10.067460,88.969559,128.266708

18.8490582,-6.274951,7.900950,0.165000,10.090948,89.063095,128.456665

18.8537235,-6.319950,7.876950,0.196050,10.100820,88.887856,128.741287

18.8583870,-6.331950,7.860001,0.238950,10.096053,88.643814,128.854630

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18.8677177,-6.330000,7.840950,0.222000,10.079618,88.737976,128.913940

18.8723831,-6.289050,7.849950,0.190950,10.060335,88.912430,128.700241

18.8770485,-6.313050,7.846050,0.148050,10.071595,89.157738,128.820679

18.8817120,-6.316051,7.843050,0.112050,10.070675,89.362495,128.844681

18.8863773,-6.286950,7.849950,0.069000,10.057446,89.606911,128.690903

18.8910408,-6.286950,7.846050,0.049950,10.054290,89.715355,128.704803

18.8957043,-6.268050,7.819050,0.034950,10.021338,89.800179,128.716995

18.9003696,-6.277050,7.824000,0.010950,10.030776,89.937454,128.739426

18.9050331,-6.274951,7.795050,0.010950,10.006894,89.937302,128.833771

18.9096966,-6.295950,7.788001,0.022950,10.014613,89.868698,128.952652

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18.9190235,-6.346951,7.726050,0.013950,9.998792,89.920059,129.403107

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18.9516735,-6.595950,7.692000,0.118950,10.133489,89.327431,130.613342

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19.0542831,-6.241050,7.812000,0.067050,9.999127,89.615799,128.621552

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19.1429024,-6.474000,7.738050,0.177000,10.090661,88.994926,129.917358

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19.3154907,-6.306000,7.731000,0.117000,9.977360,89.328102,129.203339

19.3201561,-6.286950,7.719000,0.090000,9.955743,89.482040,129.162033

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19.3434753,-6.166950,7.824000,0.097950,9.962724,89.436676,128.245514

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19.3528061,-6.214950,7.941000,0.106950,10.084470,89.392342,128.048172

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19.5114117,-6.334950,7.804950,0.138000,10.053252,89.213478,129.064789

19.5160751,-6.319950,7.795050,0.154950,10.036363,89.115387,129.033905

19.5207386,-6.274951,7.801950,0.141000,10.013257,89.193169,128.809021

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19.5580521,-6.414001,7.779000,0.210000,10.084461,88.806778,129.506531

19.5627174,-6.451950,7.788001,0.172050,10.114851,89.025375,129.639969

19.5673790,-6.426000,7.795050,0.222000,10.104730,88.741112,129.501129

19.5720444,-6.435000,7.804950,0.280050,10.119531,88.414185,129.504791

19.5767078,-6.411000,7.819050,0.307950,10.115993,88.255539,129.349030

19.5813713,-6.390000,7.843050,0.282000,10.120527,88.403297,129.170883

19.5860367,-6.385050,7.855051,0.234000,10.125484,88.675774,129.106247

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19.6000309,-6.375000,7.816950,0.258000,10.090189,88.534821,129.198471

19.6046944,-6.361050,7.801950,0.274950,10.070203,88.435440,129.190887

19.6093597,-6.334950,7.816950,0.259950,10.064983,88.520050,129.021729

19.6140232,-6.306000,7.812000,0.237000,10.042368,88.647690,128.911148

19.6186886,-6.310950,7.824000,0.232050,10.054697,88.677567,128.890137

19.6233521,-6.337050,7.816950,0.198000,10.064896,88.872787,129.031006

19.6280155,-6.378000,7.825950,0.178950,10.097346,88.984520,129.179382

19.6326809,-6.390000,7.807050,0.214950,10.091002,88.779442,129.300018

19.6373463,-6.378000,7.780951,0.196050,10.062828,88.883659,129.341278

19.6420097,-6.411000,7.795050,0.202950,10.094797,88.848022,129.435425

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19.6933117,-6.246000,7.791000,0.172050,9.987082,89.012901,128.718948

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19.8052578,-6.313050,7.812000,0.150000,10.045120,89.144394,128.942444

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20.4769535,-6.354000,7.768950,0.177000,10.037990,88.989647,129.278748

20.4816170,-6.379951,7.762050,0.172050,10.049020,89.018990,129.418198

20.4862804,-6.391950,7.755001,0.178950,10.051322,88.979874,129.496567

20.4909439,-6.402000,7.743001,0.181050,10.048505,88.967613,129.584335

20.4956112,-6.399000,7.743001,0.184050,10.046648,88.950310,129.571136

20.5002747,-6.399000,7.762050,0.214950,10.061950,88.775917,129.502014

20.5049400,-6.421050,7.776000,0.222000,10.086890,88.738892,129.548264

20.5096054,-6.427950,7.791000,0.214950,10.102695,88.780853,129.524277

20.5142689,-6.435000,7.798050,0.202950,10.112370,88.850029,129.529663

20.5189342,-6.414001,7.831050,0.222000,10.124922,88.743629,129.319092

20.5235996,-6.406950,7.852951,0.226950,10.137522,88.717201,129.209808

20.5282650,-6.385050,7.876950,0.234000,10.142484,88.677994,129.028198

20.5329304,-6.366000,7.872000,0.238950,10.126769,88.647934,128.962082

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20.5422573,-6.355950,7.861950,0.244050,10.112761,88.617157,128.953613

20.5469227,-6.354000,7.849950,0.234000,10.101970,88.672691,128.987808

20.5515881,-6.354000,7.858050,0.232050,10.108220,88.684570,128.958923

20.5562534,-6.349051,7.861950,0.234000,10.108189,88.673508,128.923187

20.5609150,-6.340050,7.855051,0.249000,10.097528,88.586975,128.908051

20.5655785,-6.322950,7.855051,0.246000,10.086725,88.602501,128.832443

20.5702438,-6.318000,7.858050,0.244050,10.085914,88.613472,128.799850

20.5749073,-6.298950,7.848001,0.237000,10.065985,88.650864,128.751175

20.5795708,-6.313050,7.860001,0.249000,10.084455,88.585136,128.770981

20.5842342,-6.304050,7.855051,0.271950,10.075556,88.453339,128.748688

20.5888996,-6.282000,7.864950,0.277050,10.069644,88.423401,128.615540

20.5935650,-6.295950,7.858050,0.298950,10.073595,88.299408,128.702072

20.5982285,-6.294000,7.872000,0.274950,10.082581,88.437363,128.643829

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20.6122227,-6.316051,7.872000,0.268050,10.096174,88.478638,128.741592

20.6168880,-6.325050,7.876950,0.292050,10.106330,88.344055,128.763840

20.6215534,-6.313050,7.848001,0.282000,10.075974,88.396233,128.813721

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20.6308823,-6.274951,7.846050,0.282000,10.050623,88.392189,128.651398

20.6355476,-6.258000,7.836000,0.283950,10.032253,88.378098,128.611618

20.6402111,-6.244051,7.846050,0.268050,10.030978,88.468750,128.513504

20.6448765,-6.222000,7.831050,0.270000,10.005575,88.453690,128.468170

20.6495419,-6.217050,7.864950,0.295950,10.029793,88.309120,128.325500

20.6542072,-6.208050,7.855051,0.280050,10.015994,88.397781,128.320236

20.6588688,-6.208050,7.858050,0.306000,10.019106,88.249817,128.309586

20.6635342,-6.201000,7.872000,0.307950,10.025748,88.239830,128.228516

20.6681995,-6.190950,7.893001,0.322950,10.036514,88.156044,128.109207

20.6728630,-6.181950,7.893001,0.316050,10.030745,88.194420,128.068726

20.6775284,-6.189000,7.891050,0.270000,10.032213,88.457794,128.107315

20.6821938,-6.196050,7.900950,0.246000,10.043733,88.596519,128.104095

20.6868572,-6.193950,7.921950,0.283950,10.059967,88.382568,128.020859

20.6915226,-6.174000,7.915051,0.310950,10.043056,88.225739,127.955406

20.6961861,-6.162000,7.917000,0.282000,10.036366,88.389900,127.894516

20.7008514,-6.141000,7.953001,0.292050,10.052234,88.335136,127.673935

20.7055187,-6.130950,7.927051,0.306000,10.025982,88.251022,127.719131

20.7101822,-6.154950,7.927051,0.262950,10.039456,88.499153,127.827515

20.7148457,-6.148050,7.908000,0.268050,10.020322,88.467117,127.863167

20.7195110,-6.190950,7.912951,0.280050,10.050924,88.403358,128.038986

20.7241745,-6.225000,7.905000,0.271950,10.065466,88.451790,128.219589

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20.7335052,-6.261000,7.893001,0.304050,10.079287,88.271362,128.422668

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20.7614937,-6.213000,7.893001,0.256050,10.048203,88.539818,128.208160

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20.7708244,-6.222000,7.858050,0.226950,10.025655,88.702888,128.372162

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20.7801552,-6.282000,7.852951,0.213000,10.058714,88.786636,128.658203

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20.8128071,-6.229050,7.893001,0.250950,10.058006,88.570305,128.280029

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20.8501263,-6.340050,7.848001,0.241050,10.091851,88.631325,128.933197

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20.8734531,-6.643950,8.125951,0.162000,10.497590,89.115768,129.270157

20.8781185,-6.253050,8.121000,-0.037950,10.249523,90.212143,127.595741

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20.8874493,-6.040051,7.948950,0.133950,9.984285,89.231293,127.229568

20.8921146,-6.409050,7.860001,0.286950,10.145831,88.379311,129.193832

20.8967781,-6.648000,7.579950,0.292050,10.086469,88.340790,131.252396

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20.9107723,-6.957000,7.855051,0.298950,10.497192,88.368050,131.530426

20.9154377,-6.423000,7.471951,0.106950,9.853751,89.378113,130.682846

20.9201031,-6.136050,7.351950,0.114000,9.576810,89.317947,129.848892

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20.9294338,-6.174000,7.728000,0.414000,9.900084,87.603317,128.621811

20.9340954,-6.298950,8.008050,0.378000,10.195515,87.875267,128.187790

20.9387589,-6.364050,8.169001,0.331950,10.360690,88.163963,127.920334

20.9434242,-6.411000,8.137950,0.292050,10.363997,88.385231,128.230713

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20.9527531,-6.289050,7.831050,0.294000,10.048081,88.323326,128.767654

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20.9620819,-6.100050,7.660950,0.346950,9.799038,87.970932,128.528641

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20.9760742,-6.133950,7.921950,0.331950,10.024611,88.102386,127.750549

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21.0320492,-6.354000,7.864950,0.217050,10.113253,88.770226,128.934326

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21.0926952,-6.313050,7.872000,0.322950,10.095904,88.166901,128.728317

21.0973606,-6.316051,7.897950,0.342000,10.118650,88.063095,128.649597

21.1020260,-6.346951,7.939050,0.361050,10.170676,87.965622,128.640930

21.1066895,-6.334950,7.932000,0.343950,10.157092,88.059418,128.612869

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21.1206856,-6.241050,7.849950,0.391950,10.036237,87.761833,128.486221

21.1253490,-6.241050,7.822051,0.378000,10.013893,87.836708,128.585632

21.1300144,-6.225000,7.813951,0.390000,9.998028,87.764458,128.542648

21.1346779,-6.250950,7.828950,0.399000,10.026268,87.719284,128.605286

21.1393433,-6.282000,7.858050,0.409050,10.068753,87.671677,128.640060

21.1440067,-6.294000,7.873950,0.403950,10.088445,87.705215,128.636902

21.1486721,-6.286950,7.860001,0.399000,10.072962,87.729866,128.655136

21.1533375,-6.265050,7.849950,0.414000,10.052063,87.639572,128.593384

21.1580009,-6.268050,7.872000,0.421050,10.071451,87.603981,128.528427

21.1626663,-6.249000,7.885951,0.418950,10.070439,87.615692,128.394073

21.1673336,-6.217050,7.921950,0.394950,10.077946,87.754028,128.124390

21.1719952,-6.214950,7.945951,0.403950,10.095886,87.706909,128.030853

21.1766586,-6.213000,7.965000,0.409050,10.109892,87.681160,127.955574

21.1813240,-6.181950,7.920001,0.391950,10.054678,87.765938,127.973785

21.1859894,-6.190950,7.917000,0.370950,10.057055,87.886192,128.024765

21.1906567,-6.178950,7.936950,0.355950,10.064855,87.973274,127.900917

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21.2139797,-6.202950,7.881001,0.330000,10.034723,88.115440,128.205460

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21.2233105,-6.310950,7.917000,0.349050,10.130589,88.025482,128.559723

21.2279758,-6.307950,7.908000,0.313050,10.120509,88.227432,128.578201

21.2326393,-6.316051,7.903050,0.304050,10.121420,88.278564,128.631546

21.2373047,-6.282000,7.867050,0.310950,10.072273,88.230888,128.608078

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21.2699604,-6.298950,7.908000,0.322950,10.115213,88.170395,128.538330

21.2746258,-6.301050,7.900950,0.319950,10.110916,88.186630,128.572556

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21.3492546,-6.202950,7.807050,0.382950,9.978642,87.800621,128.468262

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21.3585835,-6.178950,7.731000,0.418950,9.905722,87.576027,128.633362

21.3632488,-6.202950,7.738050,0.397050,9.925304,87.707336,128.716248

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21.3772449,-6.418950,7.792950,0.409050,10.104470,87.679916,129.477829

21.3819084,-6.511950,7.816950,0.451950,10.184031,87.456474,129.796158

21.3865719,-6.610050,7.825950,0.481050,10.255226,87.311394,130.185516

21.3912373,-6.543000,7.714050,0.502050,10.127659,87.158562,130.304367

21.3959007,-6.306000,7.615951,0.508950,9.900877,87.053436,129.624725

21.4005661,-6.115050,7.719000,0.361050,9.854297,87.900276,128.386536

21.4052296,-5.989950,7.870050,0.306000,9.894990,88.227859,127.275017

21.4098949,-5.965950,7.953001,0.277050,9.945830,88.403770,126.875427

21.4145641,-6.094950,8.074950,0.232050,10.119638,88.686058,127.045403

21.4192257,-6.337050,8.095051,0.141000,10.281436,89.214218,128.054916

21.4238892,-6.571950,7.936950,-0.021000,10.304667,90.116760,129.625427

21.4285545,-6.732000,7.672950,-0.148050,10.208619,90.830956,131.262680