Keuwl Accelerometer Data File

2024-04-29 16:30:57

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

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1.8555871,-3.076050,9.574051,0.270000,10.059693,88.462006,107.811707

1.8602493,-3.082950,9.586050,0.241050,10.072490,88.628693,107.828201

1.8649116,-3.102000,9.583950,0.249000,10.076532,88.584030,107.935013

1.8695734,-3.076050,9.577050,0.214950,10.061221,88.775826,107.806480

1.8742373,-3.105000,9.571951,0.210000,10.065156,88.804489,107.972298

1.8788992,-3.102000,9.589050,0.214950,10.080600,88.778183,107.926079

1.8835622,-3.094950,9.586050,0.214950,10.075578,88.777573,107.893181

1.8882256,-3.079050,9.603001,0.193050,10.086398,88.903313,107.777626

1.8928872,-3.070950,9.591001,0.193050,10.072502,88.901802,107.754585

1.8975494,-3.069000,9.592951,0.201000,10.073920,88.856728,107.740639

1.9022112,-3.016050,9.601050,0.213000,10.065887,88.787498,107.439461

1.9068727,-2.985000,9.583950,0.205050,10.040138,88.829765,107.299629

1.9115360,-2.947050,9.607950,0.202950,10.051816,88.843102,107.052368

1.9161974,-2.889000,9.615001,0.210000,10.041845,88.801712,106.723839

1.9208596,-2.889000,9.610050,0.210000,10.037106,88.801147,106.731979

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1.9301846,-2.868000,9.616950,0.208050,10.037651,88.812347,106.605812

1.9348468,-2.848950,9.613050,0.232050,10.029013,88.674179,106.507866

1.9395102,-2.832000,9.603001,0.244050,10.014859,88.603630,106.431198

1.9441727,-2.832000,9.627001,0.234000,10.037636,88.664185,106.392441

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1.9534979,-2.818050,9.643950,0.250950,10.050382,88.569221,106.288841

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2.0141113,-2.925000,9.595950,0.265050,10.035344,88.486549,106.952065

2.0187740,-2.947050,9.591001,0.220050,10.035976,88.743622,107.080750

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2.0280988,-2.959050,9.567000,0.198000,10.016121,88.867294,107.186714

2.0327609,-2.976000,9.571951,0.205050,10.026010,88.828117,107.270912

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2.0420854,-2.988000,9.577050,0.198000,10.034304,88.869347,107.327705

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2.0514112,-2.985000,9.607950,0.184050,10.062644,88.951981,107.258987

2.0560734,-2.968050,9.601050,0.189000,10.051129,88.922554,107.178368

2.0607369,-2.940000,9.601050,0.190950,10.042919,88.910545,107.025452

2.0653992,-2.944050,9.603001,0.184050,10.045841,88.950226,107.044289

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2.0840516,-2.872950,9.652950,0.174000,10.072912,89.010223,106.574272

2.0887141,-2.896950,9.651000,0.186000,10.078131,88.942497,106.708229

2.0933771,-2.877000,9.637051,0.202950,10.059377,88.843964,106.622223

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2.1027036,-2.892000,9.628950,0.234000,10.056595,88.666702,106.717339

2.1073654,-2.853000,9.628950,0.244050,10.045689,88.607918,106.504242

2.1120288,-2.842050,9.631950,0.244050,10.045461,88.607887,106.439476

2.1166899,-2.832000,9.628950,0.229050,10.039392,88.692673,106.389297

2.1213515,-2.797950,9.622050,0.225000,10.023124,88.713715,106.213654

2.1260133,-2.767050,9.625051,0.262950,10.018349,88.495995,106.039108

2.1306760,-2.748000,9.625051,0.262950,10.013104,88.495209,105.934311

2.1353388,-2.734050,9.634050,0.262950,10.017939,88.495934,105.843430

2.1400003,-2.734050,9.652950,0.249000,10.035760,88.578270,105.813957

2.1446626,-2.728950,9.663000,0.238950,10.043796,88.636757,105.770332

2.1493249,-2.736000,9.648001,0.237000,10.031240,88.646194,105.832390

2.1539865,-2.743050,9.655951,0.229050,10.040626,88.692833,105.858719

2.1586490,-2.736000,9.664950,0.238950,10.047589,88.637276,105.806007

2.1633124,-2.731050,9.627001,0.246000,10.009910,88.591774,105.837921

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2.1726389,-2.752950,9.646050,0.241050,10.034099,88.623444,105.928566

2.1773002,-2.770050,9.631950,0.210000,10.024557,88.799644,106.044693

2.1819620,-2.815050,9.607950,0.234000,10.014587,88.661110,106.330147

2.1866243,-2.860950,9.615001,0.226950,10.034181,88.703995,106.570412

2.1912849,-2.904000,9.601050,0.229050,10.033237,88.691872,106.828827

2.1959474,-2.928000,9.595950,0.229050,10.035333,88.692146,106.968452

2.2006094,-2.947050,9.589050,0.244050,10.034667,88.606392,107.084023

2.2052715,-2.976000,9.580951,0.262950,10.035953,88.498634,107.255646

2.2099342,-3.004050,9.598050,0.268050,10.060752,88.473282,107.379364

2.2145956,-3.009000,9.603001,0.234000,10.066104,88.667961,107.397835

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2.2239206,-3.040050,9.586050,0.226950,10.059114,88.707207,107.595528

2.2285817,-3.055050,9.591001,0.225000,10.068329,88.719490,107.668396

2.2332439,-3.046950,9.604951,0.210000,10.078843,88.806114,107.600433

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2.2425687,-3.055050,9.601050,0.244050,10.078346,88.612434,107.651047

2.2472327,-3.064050,9.610050,0.244050,10.089650,88.613983,107.684265

2.2518952,-3.055050,9.610050,0.226950,10.086521,88.710716,107.635544

2.2565575,-3.021000,9.595950,0.246000,10.063261,88.599243,107.475060

2.2612207,-3.013950,9.615001,0.262950,10.079746,88.505157,107.404297

2.2658820,-2.977950,9.601050,0.265050,10.055775,88.489624,107.232277

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2.2752061,-2.949000,9.589050,0.289050,10.036435,88.349648,107.094666

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2.2845323,-2.899050,9.598050,0.346950,10.032320,88.018135,106.806717

2.2891934,-2.884950,9.583950,0.349050,10.014832,88.002647,106.752785

2.2938554,-2.872950,9.595950,0.363000,10.023366,87.924561,106.667274

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2.3031790,-2.869950,9.592951,0.375000,10.020077,87.855209,106.655754

2.3078413,-2.851050,9.574051,0.379950,9.996764,87.821815,106.582970

2.3125038,-2.845950,9.603001,0.390000,10.023430,87.770126,106.507744

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2.3917603,-2.971050,9.571951,0.249000,10.025537,88.576820,107.243889

2.3964236,-2.961000,9.579000,0.258000,10.029524,88.525955,107.177094

2.4010856,-2.977950,9.579000,0.265050,10.034724,88.486458,107.269592

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2.4104114,-2.976000,9.586050,0.283950,10.041392,88.379578,107.247017

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2.4337230,-3.001950,9.622050,0.307950,10.084166,88.250031,107.327217

2.4383852,-2.983050,9.622050,0.310950,10.078648,88.232010,107.224602

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2.4477112,-2.941950,9.577050,0.292050,10.022986,88.330276,107.076302

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2.4570341,-2.932950,9.591001,0.310950,10.034250,88.224182,107.003754

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2.4850104,-2.845950,9.613050,0.271950,10.029164,88.446182,106.491425

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2.4943340,-2.865000,9.613050,0.322950,10.036098,88.155968,106.595757

2.4989955,-2.865000,9.627001,0.298950,10.048718,88.295197,106.573029

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2.5176444,-2.860950,9.603001,0.294000,10.024425,88.319366,106.589981

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2.5549469,-2.920950,9.607950,0.265050,10.045641,88.488098,106.909996

2.5596106,-2.953950,9.595950,0.244050,10.043288,88.607590,107.110092

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2.5782604,-3.064050,9.591001,0.249000,10.071629,88.583336,107.717194

2.5829232,-3.097950,9.589050,0.258000,10.080364,88.533394,107.904175

2.5875845,-3.118950,9.565050,0.253050,10.063899,88.559181,108.059998

2.5922456,-3.117000,9.562051,0.262950,10.060699,88.502327,108.054733

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2.6668355,-2.920950,9.607950,0.217050,10.044490,88.761810,106.909996

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2.6854832,-2.901000,9.604951,0.241050,10.036384,88.623756,106.805984

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2.7041328,-2.961000,9.619950,0.222000,10.067783,88.736496,107.108253

2.7087953,-2.964000,9.607950,0.222000,10.057201,88.735168,107.144707

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2.7181194,-3.019050,9.595950,0.198000,10.061617,88.872421,107.464470

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2.7367663,-3.055050,9.568951,0.217050,10.047152,88.762138,107.706566

2.7414284,-3.043050,9.577050,0.201000,10.050893,88.854111,107.627342

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2.7507541,-3.052050,9.589050,0.205050,10.065135,88.832672,107.655487

2.7554169,-3.019050,9.589050,0.198000,10.055037,88.871681,107.476273

2.7600796,-3.019050,9.595950,0.190950,10.061481,88.912560,107.464470

2.7647419,-3.004050,9.619950,0.202950,10.080127,88.846344,107.342171

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2.7740664,-2.964000,9.604951,0.222000,10.054336,88.734802,107.149750

2.7787299,-2.937000,9.622050,0.232050,10.062985,88.678658,106.974098

2.7833939,-2.916000,9.603001,0.229050,10.038583,88.692574,106.891182

2.7880557,-2.887050,9.598050,0.213000,10.025119,88.782562,106.741051

2.7927182,-2.863050,9.607950,0.222000,10.027914,88.731468,106.593407

2.7973809,-2.844000,9.595950,0.229050,10.011147,88.688988,106.508507

2.8020422,-2.839050,9.610050,0.238950,10.023491,88.633995,106.458466

2.8067060,-2.848950,9.595950,0.234000,10.012669,88.660851,106.535675

2.8113670,-2.853000,9.601050,0.241050,10.018876,88.621353,106.549583

2.8160298,-2.851050,9.607950,0.226950,10.024605,88.702751,106.527657

2.8206930,-2.881950,9.615001,0.222000,10.040078,88.733009,106.685303

2.8253548,-2.899050,9.598050,0.229050,10.028934,88.691315,106.806717

2.8300185,-2.913000,9.601050,0.201000,10.035245,88.852325,106.878021

2.8346810,-2.929950,9.595950,0.208050,10.035445,88.812088,106.979103

2.8393433,-2.956050,9.603001,0.208050,10.049832,88.813789,107.109711

2.8440061,-2.949000,9.613050,0.229050,10.057823,88.695076,107.054466

2.8486674,-2.956050,9.604951,0.198000,10.051494,88.871284,107.106438

2.8533282,-2.953950,9.601050,0.213000,10.047456,88.785271,107.101532

2.8579919,-2.971050,9.595950,0.193050,10.047222,88.899033,107.203308

2.8626544,-2.956050,9.586050,0.208050,10.033637,88.811874,107.138191

2.8673170,-2.947050,9.577050,0.178950,10.021827,88.976868,107.104179

2.8719802,-2.949000,9.595950,0.184050,10.040555,88.949669,107.083092

2.8766425,-2.953950,9.607950,0.181050,10.053423,88.968117,107.089966

2.8813055,-2.949000,9.613050,0.169050,10.056636,89.036827,107.054466

2.8859665,-2.952000,9.591001,0.178950,10.036613,88.978378,107.107765

2.8906288,-2.965950,9.595950,0.172050,10.045333,89.018623,107.175514

2.8952925,-2.973000,9.591001,0.169050,10.042639,89.035484,107.222290

2.8999541,-2.988000,9.580951,0.157950,10.037316,89.098343,107.321075

2.9046166,-2.976000,9.583950,0.181050,10.037004,88.966431,107.250572

2.9092789,-2.977950,9.591001,0.172050,10.044156,89.018509,107.249268

2.9139423,-2.992050,9.592951,0.181050,10.050365,88.967804,107.322746

2.9186063,-3.001950,9.586050,0.162000,10.046408,89.076057,107.388374

2.9232683,-2.989950,9.595950,0.178950,10.052567,88.980003,107.306229

2.9279299,-2.983050,9.592951,0.184050,10.047745,88.950424,107.273743

2.9325931,-3.004050,9.579000,0.201000,10.041014,88.852982,107.411835

2.9372535,-2.992050,9.586050,0.217050,10.044493,88.761810,107.334473

2.9419155,-3.004050,9.592951,0.214950,10.054612,88.775024,107.388046

2.9465780,-3.004050,9.589050,0.208050,10.050745,88.813896,107.394691

2.9512401,-3.016050,9.589050,0.202950,10.054235,88.843376,107.459961

2.9559033,-3.012000,9.604951,0.220050,10.068547,88.747688,107.410812

2.9605656,-3.021000,9.591001,0.198000,10.057482,88.871956,107.483528

2.9652271,-3.004050,9.589050,0.196050,10.050504,88.882286,107.394691

2.9698896,-2.985000,9.592951,0.196050,10.048551,88.882072,107.284363

2.9745519,-2.988000,9.589050,0.201000,10.045816,88.853531,107.307320

2.9792159,-2.985000,9.591001,0.202950,10.046825,88.842522,107.287674

2.9838779,-2.965950,9.577050,0.186000,10.027530,88.937164,107.207413

2.9885402,-2.961000,9.577050,0.198000,10.026297,88.868446,107.180389

2.9932034,-2.959050,9.565050,0.198000,10.014258,88.867088,107.190010

2.9978652,-2.983050,9.568951,0.189000,10.024925,88.919739,107.314484

3.0025284,-3.012000,9.562051,0.186000,10.026941,88.937103,107.484177

3.0071914,-3.019050,9.567000,0.193050,10.033914,88.897575,107.514091

3.0118537,-3.034950,9.565050,0.186000,10.036717,88.938133,107.604012

3.0165157,-3.040050,9.568951,0.201000,10.042267,88.853127,107.625023

3.0211771,-3.049950,9.579000,0.184050,10.054517,88.951134,107.661453

3.0258391,-3.055050,9.574051,0.196050,10.051578,88.882408,107.697723

3.0305026,-3.081000,9.568951,0.213000,10.054986,88.786186,107.847466

3.0351639,-3.069000,9.583950,0.201000,10.065350,88.855759,107.756256

3.0398257,-3.091050,9.571951,0.222000,10.061119,88.735657,107.896713

3.0444880,-3.082950,9.568951,0.214950,10.055625,88.775146,107.858040

3.0491486,-3.093000,9.589050,0.217050,10.077879,88.765907,107.877388

3.0538113,-3.093000,9.565050,0.217050,10.055046,88.763107,107.919380

3.0584743,-3.091050,9.562051,0.217050,10.051593,88.762680,107.914063

3.0631380,-3.079050,9.567000,0.237000,10.053070,88.649132,107.840286

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3.0724652,-3.076050,9.571951,0.229050,10.056679,88.694923,107.815369

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3.0817909,-3.061950,9.571951,0.208050,10.051919,88.814034,107.738838

3.0864518,-3.073950,9.568951,0.201000,10.052581,88.854301,107.809204

3.0911136,-3.064050,9.579000,0.205050,10.059210,88.831985,107.737999

3.0957773,-3.064050,9.559951,0.208050,10.041133,88.812759,107.771118

3.1004395,-3.061950,9.580951,0.201000,10.060346,88.855186,107.723221

3.1051035,-3.067050,9.574051,0.172050,10.054792,89.019547,107.762878

3.1097648,-3.045000,9.583950,0.196050,10.057960,88.883118,107.626022

3.1144266,-3.016050,9.591001,0.181050,10.055676,88.968346,107.456627

3.1190886,-3.034950,9.598050,0.193050,10.068305,88.901344,107.547211

3.1237500,-3.016050,9.583950,0.202950,10.049371,88.842819,107.468689

3.1284122,-2.997000,9.580951,0.201000,10.040768,88.852951,107.370110

3.1330748,-3.007050,9.580951,0.196050,10.043674,88.881531,107.424835

3.1377373,-3.019050,9.579000,0.178950,10.045094,88.979240,107.493484

3.1424005,-3.007050,9.574051,0.184050,10.036866,88.949287,107.436638

3.1470623,-3.019050,9.568951,0.178950,10.035512,88.978264,107.510735

3.1517241,-3.033000,9.580951,0.150000,10.050682,89.144867,107.566002

3.1563876,-3.009000,9.579000,0.177000,10.042045,88.990059,107.438789

3.1610479,-2.997000,9.592951,0.172050,10.051682,89.019249,107.349686

3.1657104,-2.997000,9.592951,0.184050,10.051895,88.950859,107.349686

3.1703730,-2.988000,9.586050,0.166950,10.042329,89.047432,107.312408

3.1750352,-2.988000,9.586050,0.165000,10.042296,89.058556,107.312408

3.1796997,-2.992050,9.583950,0.165000,10.041498,89.058487,107.338043

3.1843626,-2.977950,9.583950,0.172050,10.037424,89.017853,107.261200

3.1890264,-2.983050,9.591001,0.181050,10.045828,88.967339,107.277046

3.1936908,-2.965950,9.598050,0.186000,10.047588,88.939285,107.171982

3.1983531,-2.971050,9.595950,0.172050,10.046841,89.018776,107.203308

3.2030156,-2.965950,9.595950,0.150000,10.044980,89.144379,107.175514

3.2076786,-2.961000,9.595950,0.169050,10.043822,89.035599,107.148537

3.2123418,-2.949000,9.586050,0.162000,10.030713,89.074608,107.099709

3.2170048,-2.961000,9.589050,0.162000,10.037114,89.075203,107.160149

3.2216673,-2.959050,9.568951,0.136050,10.016952,89.221786,107.183418

3.2263310,-2.959050,9.559951,0.150000,10.008554,89.141266,107.198639

3.2309959,-2.944050,9.571951,0.133950,10.015369,89.233681,107.096352

3.2356591,-2.959050,9.591001,0.148050,10.038187,89.154930,107.146233

3.2403219,-2.961000,9.589050,0.138000,10.036755,89.212189,107.160149

3.2449841,-2.988000,9.579000,0.126000,10.035003,89.280571,107.324387

3.2496467,-3.004050,9.601050,0.124050,10.060809,89.293526,107.374260

3.2543108,-3.007050,9.591001,0.093000,10.051781,89.469887,107.407684

3.2589731,-3.016050,9.592951,0.133950,10.056799,89.236832,107.453293

3.2636373,-3.013950,9.592951,0.138000,10.056224,89.213715,107.441879

3.2683010,-3.009000,9.592951,0.162000,10.055099,89.076851,107.414963

3.2729630,-3.019050,9.591001,0.138000,10.055894,89.213692,107.472931

3.2776256,-3.009000,9.586050,0.160050,10.048486,89.087364,107.426743

3.2822883,-3.021000,9.586050,0.178950,10.052403,88.979980,107.492012

3.2869511,-3.016050,9.592951,0.198000,10.057857,88.871994,107.453293

3.2916152,-3.021000,9.583950,0.208050,10.050961,88.813919,107.495605

3.2962778,-3.004050,9.577050,0.186000,10.038865,88.938362,107.415169

3.3009403,-3.000000,9.574051,0.184050,10.034756,88.949066,107.398224

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3.3102660,-2.985000,9.586050,0.186000,10.041772,88.938667,107.296066

3.3149281,-2.968050,9.571951,0.208050,10.023714,88.810699,107.227509

3.3195899,-2.961000,9.574051,0.201000,10.023491,88.850975,107.185455

3.3242531,-2.959050,9.592951,0.201000,10.040970,88.852974,107.142944

3.3289175,-2.956050,9.577050,0.217050,10.025230,88.759430,107.153351

3.3335798,-2.952000,9.583950,0.202950,10.030334,88.840622,107.119614

3.3382425,-2.968050,9.577050,0.202950,10.028480,88.840408,107.218880

3.3429067,-2.995050,9.571951,0.193050,10.031443,88.897301,107.374832

3.3475695,-3.033000,9.577050,0.210000,10.048038,88.802452,107.572716

3.3522336,-3.037950,9.556951,0.217050,10.030531,88.760086,107.634346

3.3568974,-3.073950,9.580951,0.229050,10.064604,88.695953,107.788307

3.3615608,-3.097950,9.562051,0.222000,10.053825,88.734741,107.951485

3.3662243,-3.112050,9.589050,0.234000,10.084121,88.670341,107.980431

3.3708868,-3.117000,9.571951,0.238950,10.069510,88.640244,108.037270

3.3755498,-3.117000,9.574051,0.217050,10.071011,88.765068,108.033569

3.3802142,-3.093000,9.559951,0.234000,10.050575,88.665901,107.928329

3.3848772,-3.088050,9.556951,0.244050,10.046438,88.608025,107.906731

3.3895402,-3.070950,9.579000,0.229050,10.061831,88.695595,107.775429

3.3942041,-3.070950,9.562051,0.229050,10.045696,88.693497,107.804955

3.3988671,-3.058950,9.568951,0.225000,10.048513,88.716965,107.727753

3.4035318,-3.057000,9.567000,0.205050,10.045635,88.830406,107.720551

3.4081945,-3.037950,9.568951,0.205050,10.041714,88.829948,107.613602

3.4128578,-3.031050,9.571951,0.190950,10.042210,88.910469,107.570892

3.4175224,-3.049950,9.565050,0.210000,10.041737,88.801704,107.685608

3.4221864,-3.045000,9.574051,0.214950,10.048915,88.774330,107.643120

3.4268503,-3.037950,9.562051,0.214950,10.035346,88.772675,107.625526

3.4315135,-3.045000,9.567000,0.205050,10.041990,88.829979,107.655312

3.4361758,-3.057000,9.567000,0.208050,10.045697,88.813301,107.720551

3.4408393,-3.043050,9.567000,0.214950,10.041606,88.773438,107.644707

3.4455020,-3.073950,9.567000,0.214950,10.051014,88.774582,107.812607

3.4501650,-3.073950,9.555000,0.229050,10.039904,88.692741,107.833565

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3.4688184,-3.094950,9.589050,0.213000,10.078391,88.789001,107.887939

3.4734817,-3.081000,9.580951,0.213000,10.066407,88.787560,107.826523

3.4781454,-3.097950,9.579000,0.193050,10.069350,88.901459,107.921761

3.4828074,-3.069000,9.571951,0.202950,10.053965,88.843346,107.777115

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3.4921348,-3.045000,9.559951,0.208050,10.035336,88.812073,107.667526

3.4967968,-3.025950,9.574051,0.205050,10.042952,88.830093,107.539528

3.5014603,-3.033000,9.565050,0.205050,10.036499,88.829338,107.593399

3.5061233,-3.013950,9.571951,0.177000,10.036805,88.989532,107.477814

3.5107865,-3.004050,9.567000,0.214950,10.029856,88.771996,107.432358

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3.5201135,-3.012000,9.580951,0.208050,10.045399,88.813263,107.451782

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3.5294423,-3.025950,9.556951,0.226950,10.027122,88.703079,107.568985

3.5341055,-3.034950,9.571951,0.238950,10.044415,88.636841,107.592102

3.5387695,-3.037950,9.586050,0.220050,10.058326,88.746414,107.584122

3.5434334,-3.049950,9.577050,0.226950,10.053536,88.706490,107.664825

3.5480967,-3.045000,9.579000,0.232050,10.054010,88.677475,107.634567

3.5527611,-3.064050,9.583950,0.237000,10.064625,88.650681,107.729408

3.5574241,-3.052050,9.579000,0.238950,10.056310,88.638458,107.672859

3.5620892,-3.052050,9.565050,0.244050,10.043144,88.607567,107.697029

3.5667539,-3.055050,9.567000,0.253050,10.046137,88.556633,107.709953

3.5714171,-3.069000,9.562051,0.250950,10.045624,88.568542,107.794357

3.5760806,-3.073950,9.574051,0.270000,10.059052,88.461914,107.800316

3.5807445,-3.079050,9.567000,0.271950,10.053954,88.450012,107.840286

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3.6366961,-3.138000,9.543000,0.270000,10.049318,88.460419,108.202286

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3.6460226,-3.138000,9.522000,0.259950,10.029113,88.514755,108.239769

3.6506855,-3.142950,9.543000,0.270000,10.050865,88.460655,108.229095

3.6553473,-3.150000,9.555000,0.271950,10.064516,88.451637,108.245857

3.6600099,-3.130950,9.546000,0.265050,10.049837,88.488731,108.158745

3.6646731,-3.129000,9.556951,0.259950,10.059499,88.519241,108.128746

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3.6786630,-3.106950,9.568951,0.262950,10.064149,88.502838,107.988136

3.6833255,-3.100050,9.574051,0.271950,10.067111,88.452042,107.941803

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3.6973145,-3.033000,9.571951,0.286950,10.045082,88.363052,107.581497

3.7019787,-3.028050,9.559951,0.282000,10.032012,88.389206,107.575249

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3.7113032,-3.037950,9.547951,0.270000,10.023243,88.456413,107.649940

3.7159669,-3.028050,9.550051,0.277050,10.022441,88.415970,107.592346

3.7206297,-3.028050,9.565050,0.280050,10.036818,88.401108,107.566452

3.7252941,-3.009000,9.555000,0.277050,10.021420,88.415810,107.479927

3.7299576,-3.007050,9.559951,0.274950,10.025498,88.428459,107.460793

3.7346206,-3.009000,9.574051,0.268050,10.039342,88.470024,107.447258

3.7392850,-3.031050,9.571951,0.270000,10.044024,88.459610,107.570892

3.7439468,-3.031050,9.580951,0.258000,10.052285,88.529297,107.555397

3.7486095,-3.043050,9.577050,0.258000,10.052195,88.529282,107.627342

3.7532735,-3.045000,9.579000,0.246000,10.054342,88.598000,107.634567

3.7579358,-3.049950,9.559951,0.249000,10.037771,88.578560,107.694458

3.7626002,-3.088050,9.555000,0.256050,10.044882,88.539337,107.910149

3.7672639,-3.109950,9.553050,0.246000,10.049531,88.597328,108.032417

3.7719269,-3.112050,9.543000,0.232050,10.040297,88.675667,108.061569

3.7765913,-3.150000,9.543000,0.265050,10.052940,88.489197,108.267273

3.7812531,-3.160050,9.553050,0.244050,10.065101,88.610603,108.303680

3.7859159,-3.162000,9.565050,0.246000,10.077149,88.601173,108.292778

3.7905791,-3.166950,9.568951,0.238950,10.082236,88.641960,108.312531

3.7952416,-3.165000,9.559951,0.246000,10.073252,88.600632,108.318092

3.7999055,-3.154950,9.559951,0.241050,10.069979,88.628349,108.263786

3.8045692,-3.136050,9.555000,0.268050,10.060054,88.473175,108.170372

3.8092325,-3.133950,9.571951,0.238950,10.074770,88.640953,108.128952

3.8138974,-3.106950,9.559951,0.241050,10.055044,88.626312,108.003975

3.8185606,-3.067050,9.562051,0.246000,10.044906,88.596687,107.783768

3.8232243,-3.031050,9.568951,0.250950,10.040670,88.567841,107.576065

3.8278887,-3.013950,9.556951,0.253050,10.024133,88.553467,107.503571

3.8325500,-3.007050,9.555000,0.246000,10.020024,88.593201,107.469284

3.8372126,-2.980050,9.568951,0.265050,10.025755,88.485100,107.298111

3.8418758,-2.983050,9.562051,0.253050,10.019753,88.552834,107.326233

3.8465385,-2.980050,9.568951,0.258000,10.025572,88.525375,107.298111

3.8512027,-2.989950,9.568951,0.262950,10.028647,88.497536,107.352135

3.8558652,-3.001950,9.580951,0.256050,10.043499,88.539139,107.397072

3.8605278,-3.016050,9.577050,0.246000,10.043753,88.596527,107.480507

3.8651905,-3.012000,9.571951,0.250950,10.037797,88.567429,107.467194

3.8698518,-3.009000,9.565050,0.226950,10.029744,88.703415,107.462677

3.8745143,-3.001950,9.579000,0.246000,10.041388,88.596191,107.400398

3.8791776,-3.009000,9.562051,0.238950,10.027163,88.634499,107.467819

3.8838401,-3.001950,9.574051,0.277050,10.037476,88.418343,107.408852

3.8885028,-3.019050,9.555000,0.246000,10.023632,88.593704,107.534737

3.8931639,-3.022950,9.579000,0.262950,10.048116,88.500450,107.514702

3.8978260,-3.043050,9.568951,0.244050,10.044129,88.607704,107.641335

3.9024887,-3.034950,9.574051,0.246000,10.046586,88.596916,107.588486

3.9071507,-3.070950,9.562051,0.234000,10.045811,88.665276,107.804955

3.9118133,-3.082950,9.580951,0.238950,10.067586,88.639984,107.837090

3.9164755,-3.088050,9.580951,0.256050,10.069570,88.542923,107.864723

3.9211373,-3.082950,9.583950,0.258000,10.070910,88.532013,107.831863

3.9258008,-3.085950,9.567000,0.229050,10.055001,88.694702,107.877724

3.9304624,-3.070950,9.562051,0.238950,10.045927,88.637047,107.804955

3.9351251,-3.088050,9.567000,0.222000,10.055488,88.734947,107.889114

3.9397886,-3.069000,9.568951,0.222000,10.051511,88.734451,107.782333

3.9444504,-3.079050,9.565050,0.214950,10.050718,88.774551,107.843697

3.9491124,-3.061950,9.574051,0.229050,10.054376,88.694626,107.735191

3.9537747,-3.057000,9.579000,0.205050,10.057064,88.831734,107.699738

3.9584377,-3.034950,9.562051,0.222000,10.034592,88.732315,107.609192

3.9631021,-3.034950,9.565050,0.237000,10.037792,88.647079,107.604012

3.9677644,-3.028050,9.571951,0.232050,10.042171,88.675919,107.554565

3.9724271,-3.021000,9.568951,0.225000,10.037026,88.715492,107.521355

3.9770906,-3.033000,9.562051,0.237000,10.034345,88.646614,107.598579

3.9817519,-3.021000,9.568951,0.234000,10.037231,88.664131,107.521355

3.9864147,-3.013950,9.562051,0.229050,10.028419,88.691246,107.494804

3.9910774,-3.021000,9.571951,0.232050,10.040047,88.675636,107.516197

3.9957411,-3.016050,9.579000,0.241050,10.045492,88.625008,107.477165

4.0004048,-3.007050,9.586050,0.234000,10.049352,88.665741,107.416130

4.0050669,-2.989950,9.586050,0.232050,10.044203,88.676186,107.323036

4.0097303,-2.977950,9.583950,0.226950,10.038515,88.704552,107.261200

4.0143938,-2.952000,9.592951,0.232050,10.039564,88.675575,107.104492

4.0190554,-2.949000,9.586050,0.226950,10.031972,88.703705,107.099709

4.0237188,-2.940000,9.574051,0.238950,10.018141,88.633270,107.070679

4.0283828,-2.929950,9.577050,0.222000,10.017673,88.730171,107.010681

4.0330462,-2.929950,9.583950,0.214950,10.024117,88.771294,106.999138

4.0377107,-2.929950,9.591001,0.217050,10.030903,88.760132,106.987366

4.0423732,-2.920950,9.579000,0.213000,10.016715,88.781548,106.958176

4.0470352,-2.947050,9.574051,0.225000,10.019890,88.713295,107.109222

4.0516987,-2.937000,9.591001,0.226950,10.033183,88.703865,107.025871

4.0563598,-2.964000,9.580951,0.205050,10.031050,88.828705,107.190178

4.0610237,-3.000000,9.574051,0.196050,10.034984,88.880562,107.398224

4.0656877,-3.001950,9.591001,0.201000,10.051835,88.854218,107.379936

4.0703502,-3.021000,9.583950,0.220050,10.051217,88.745529,107.495605

4.0750136,-3.043050,9.595950,0.202950,10.068943,88.845062,107.594765

4.0796752,-3.028050,9.601050,0.205050,10.069324,88.833160,107.504616

4.0843368,-3.019050,9.583950,0.217050,10.050566,88.762558,107.485001

4.0890002,-2.995050,9.568951,0.181050,10.028356,88.965538,107.379951

4.0936627,-3.000000,9.571951,0.181050,10.032698,88.965988,107.401810

4.0983253,-2.980050,9.592951,0.166950,10.046556,89.047836,107.257408

4.1029878,-2.973000,9.579000,0.169050,10.031179,89.034378,107.242592

4.1076498,-2.976000,9.586050,0.169050,10.038800,89.035110,107.247017

4.1123133,-2.976000,9.586050,0.153000,10.038543,89.126709,107.247017

4.1169758,-2.983050,9.592951,0.165000,10.047414,89.059036,107.273743

4.1216378,-2.992050,9.589050,0.186000,10.046733,88.939194,107.329376

4.1263018,-2.989950,9.580951,0.181050,10.038286,88.966560,107.331703

4.1309628,-3.000000,9.592951,0.154950,10.052299,89.116783,107.366013

4.1356249,-2.983050,9.591001,0.165000,10.045551,89.058861,107.277046

4.1402874,-2.992050,9.595950,0.160050,10.052873,89.087769,107.317657

4.1449504,-2.977950,9.591001,0.172050,10.044156,89.018509,107.249268

4.1496129,-2.956050,9.592951,0.154950,10.039270,89.115639,107.126587

4.1542745,-2.932950,9.574051,0.174000,10.014735,89.004471,107.032120

4.1589365,-2.920950,9.583950,0.174000,10.020695,89.005066,106.949921

4.1636000,-2.908950,9.615001,0.181050,10.047040,88.967461,106.832817

4.1682601,-2.896950,9.601050,0.189000,10.030364,88.920326,106.790276

4.1729221,-2.875050,9.603001,0.186000,10.025873,88.936989,106.667213

4.1775846,-2.881950,9.601050,0.162000,10.025570,89.074135,106.708199

4.1822476,-2.889000,9.604951,0.181050,10.031659,88.965881,106.740364

4.1869106,-2.904000,9.601050,0.184050,10.032310,88.948807,106.828827

4.1915736,-2.904000,9.610050,0.181050,10.040870,88.966827,106.813957

4.1962357,-2.887050,9.603001,0.169050,10.029021,89.034172,106.732903

4.2009001,-2.880000,9.604951,0.166950,10.028826,89.046150,106.691116

4.2055626,-2.880000,9.615001,0.129000,10.037892,89.263657,106.674637

4.2102251,-2.869950,9.601050,0.150000,10.021940,89.142410,106.642479

4.2148867,-2.853000,9.610050,0.126000,10.025395,89.279884,106.534927

4.2195487,-2.863050,9.604951,0.126000,10.023374,89.279739,106.598305

4.2242122,-2.848950,9.598050,0.121950,10.012690,89.302147,106.532257

4.2288747,-2.857950,9.615001,0.100050,10.031258,89.428535,106.553986

4.2335377,-2.865000,9.604951,0.100050,10.023638,89.428101,106.608986

4.2382021,-2.877000,9.619950,0.069000,10.041182,89.606277,106.650139

4.2428646,-2.875050,9.610050,0.088050,10.031287,89.497078,106.655670

4.2475266,-2.905950,9.604951,0.094950,10.035370,89.457886,106.833038

4.2521892,-2.916000,9.598050,0.105000,10.031782,89.400291,106.899399

4.2568521,-2.923050,9.616950,0.100050,10.051864,89.429703,106.906532

4.2615166,-2.935050,9.595950,0.105000,10.035328,89.400497,107.006958

4.2661796,-2.935050,9.589050,0.097950,10.028659,89.440384,107.018486

4.2708426,-2.947050,9.591001,0.102000,10.034081,89.417557,107.080750

4.2755070,-2.961000,9.586050,0.105000,10.033489,89.400391,107.165207

4.2801685,-2.977950,9.603001,0.097950,10.054621,89.441826,107.228989

4.2848306,-2.971050,9.601050,0.081000,10.050566,89.538231,107.194710

4.2894936,-2.985000,9.603001,0.109950,10.056835,89.373581,107.267349

4.2941570,-2.980050,9.595950,0.118950,10.048737,89.321754,107.252335

4.2988214,-2.973000,9.613050,0.105000,10.062827,89.402138,107.185120

4.3034825,-2.964000,9.591001,0.112050,10.039181,89.360497,107.173225

4.3081460,-2.971050,9.598050,0.097950,10.047851,89.441452,107.199768

4.3128104,-2.983050,9.601050,0.114000,10.054440,89.350349,107.260040

4.3174720,-2.965950,9.616950,0.141000,10.064913,89.197311,107.140213

4.3221359,-3.000000,9.613050,0.142950,10.071304,89.186729,107.331879

4.3267994,-3.019050,9.595950,0.142950,10.060683,89.185867,107.464470

4.3314629,-3.034950,9.592951,0.150000,10.062710,89.145889,107.555962

4.3361278,-3.037950,9.591001,0.150000,10.061756,89.145805,107.575600

4.3407907,-3.043050,9.589050,0.136050,10.061240,89.225212,107.606644

4.3454537,-3.037950,9.586050,0.145950,10.056977,89.168480,107.584122

4.3501177,-3.031050,9.568951,0.154950,10.038730,89.115593,107.576065

4.3547807,-3.052050,9.565050,0.154950,10.041374,89.115822,107.697029

4.3594437,-3.045000,9.565050,0.165000,10.039393,89.058289,107.658691

4.3641076,-3.057000,9.562051,0.174000,10.040336,89.007011,107.729149

4.3687711,-3.069000,9.546000,0.172050,10.028683,89.016998,107.822388

4.3734355,-3.076050,9.555000,0.160050,10.039209,89.086525,107.844971

4.3780980,-3.079050,9.571951,0.160050,10.056263,89.088074,107.831642

4.3827615,-3.094950,9.562051,0.141000,10.051438,89.196236,107.935219

4.3874245,-3.114000,9.568951,0.130950,10.063745,89.254440,108.026314

4.3920875,-3.138000,9.574051,0.150000,10.076309,89.147041,108.147125

4.3967485,-3.133950,9.583950,0.150000,10.084455,89.147728,108.107735

4.4014106,-3.138000,9.577050,0.162000,10.079345,89.079079,108.141815

4.4060731,-3.114000,9.577050,0.153000,10.071757,89.129585,108.012054

4.4107375,-3.133950,9.567000,0.160050,10.068503,89.089180,108.137718

4.4154010,-3.117000,9.556951,0.162000,10.053718,89.076729,108.063744

4.4200635,-3.130950,9.562051,0.169050,10.063014,89.037437,108.130257

4.4247279,-3.138000,9.559951,0.186000,10.063514,88.940964,108.172134

4.4293909,-3.150000,9.562051,0.184050,10.069220,88.952660,108.233292

4.4340544,-3.142950,9.562051,0.181050,10.066962,88.969505,108.195175

4.4387178,-3.124050,9.555000,0.165000,10.054101,89.059662,108.105385

4.4433799,-3.097950,9.555000,0.169050,10.046089,89.035812,107.963882

4.4480429,-3.070950,9.553050,0.154950,10.035711,89.115326,107.820663

4.4527040,-3.046950,9.567000,0.154950,10.041684,89.115852,107.665916

4.4573674,-3.037950,9.562051,0.153000,10.034209,89.126328,107.625526

4.4620314,-2.997000,9.598050,0.133950,10.055969,89.236771,107.341026

4.4666934,-2.997000,9.592951,0.121950,10.050949,89.304802,107.349686

4.4713564,-2.971050,9.595950,0.105000,10.045916,89.401131,107.203308

4.4760194,-2.953950,9.603001,0.109950,10.047663,89.373009,107.098267

4.4806824,-2.941950,9.616950,0.102000,10.057395,89.418907,107.009552

4.4853458,-2.941950,9.598050,0.082950,10.039149,89.526581,107.041107

4.4900088,-2.935050,9.591001,0.088050,10.030432,89.497032,107.015228

4.4946728,-2.961000,9.592951,0.076050,10.039822,89.565987,107.153580

4.4993382,-2.949000,9.577050,0.100050,10.021302,89.427963,107.114838

4.5040016,-2.949000,9.583950,0.097950,10.027876,89.440338,107.103233

4.5086646,-2.956050,9.574051,0.097950,10.020494,89.439926,107.158409

4.5133286,-2.995050,9.568951,0.118950,10.027427,89.320313,107.379951

4.5179920,-3.012000,9.571951,0.106950,10.035230,89.389359,107.467194

4.5226569,-3.037950,9.553050,0.109950,10.025068,89.371597,107.641098

4.5273209,-3.052050,9.567000,0.112050,10.042663,89.360718,107.693642

4.5319848,-3.081000,9.562051,0.126000,10.046952,89.281425,107.859520

4.5366502,-3.067050,9.565050,0.126000,10.045539,89.281326,107.778542

4.5413122,-3.076050,9.579000,0.136050,10.061702,89.225250,107.803085

4.5459757,-3.070950,9.604951,0.145950,10.084994,89.170784,107.730415

4.5506392,-3.069000,9.613050,0.138000,10.092004,89.216499,107.705864

4.5553017,-3.028050,9.615001,0.118950,10.081244,89.323944,107.480766

4.5599661,-3.025950,9.603001,0.124050,10.069229,89.294113,107.489883

4.5646296,-3.009000,9.598050,0.124050,10.059425,89.293427,107.406273

4.5692935,-2.988000,9.583950,0.148050,10.040028,89.155090,107.315979

4.5739579,-2.973000,9.595950,0.126000,10.046734,89.281410,107.213936

4.5786209,-2.968050,9.601050,0.142950,10.050369,89.185036,107.178368

4.5832834,-2.965950,9.589050,0.129000,10.038096,89.263672,107.187149

4.5879478,-2.988000,9.579000,0.126000,10.035003,89.280571,107.324387

4.5926123,-2.980050,9.579000,0.100050,10.032346,89.428596,107.281044

4.5972767,-2.961000,9.577050,0.124050,10.025109,89.291008,107.180389

4.6019392,-2.961000,9.568951,0.126000,10.017396,89.279305,107.194069

4.6066027,-2.965950,9.592951,0.118950,10.041698,89.321281,107.180573

4.6112676,-2.973000,9.589050,0.133950,10.040247,89.235580,107.225586

4.6159306,-2.977950,9.592951,0.097950,10.045023,89.441292,107.245964

4.6205940,-2.959050,9.583950,0.114000,10.031006,89.348831,107.158104

4.6252575,-2.964000,9.595950,0.114000,10.043931,89.349670,107.164886

4.6299200,-2.953950,9.603001,0.117000,10.047743,89.332809,107.098267

4.6345830,-2.959050,9.610050,0.109950,10.055901,89.373520,107.114227

4.6392455,-2.980050,9.595950,0.129000,10.048861,89.264458,107.252335

4.6439090,-2.977950,9.601050,0.124050,10.053046,89.292976,107.232277

4.6485729,-2.977950,9.586050,0.141000,10.038945,89.195236,107.257645

4.6532350,-2.971050,9.591001,0.154950,10.041835,89.115868,107.211662

4.6578989,-2.992050,9.589050,0.154950,10.046206,89.116249,107.329376

4.6625619,-3.012000,9.579000,0.145950,10.042444,89.167274,107.455116

4.6672244,-2.995050,9.562051,0.166950,10.021527,89.045456,107.391731

4.6718888,-3.004050,9.567000,0.178950,10.029149,88.977615,107.432358

4.6765513,-3.031050,9.598050,0.165000,10.066630,89.060837,107.526039

4.6812153,-3.028050,9.592951,0.150000,10.060631,89.145714,107.518494

4.6858802,-3.031050,9.583950,0.153000,10.052998,89.127960,107.550247

4.6905432,-3.028050,9.577050,0.157950,10.045592,89.099083,107.545792

4.6952062,-3.034950,9.555000,0.169050,10.026840,89.033958,107.621384

4.6998696,-3.040050,9.567000,0.166950,10.039784,89.047195,107.628395

4.7045336,-3.058950,9.568951,0.172050,10.047467,89.018837,107.727753

4.7091970,-3.069000,9.571951,0.193050,10.053769,88.899750,107.777115

4.7138596,-3.064050,9.592951,0.174000,10.071911,89.010124,107.713814

4.7185221,-3.082950,9.586050,0.177000,10.071160,88.992981,107.828201

4.7231870,-3.093000,9.592951,0.178950,10.080842,88.982864,107.870583

4.7278504,-3.093000,9.577050,0.186000,10.065841,88.941208,107.898361

4.7325144,-3.102000,9.567000,0.178950,10.058923,88.980644,107.964745

4.7371778,-3.118950,9.553050,0.196050,10.051222,88.882370,108.081207

4.7418418,-3.133950,9.567000,0.190950,10.069041,88.913376,108.137718

4.7465062,-3.136050,9.562051,0.198000,10.065129,88.872810,108.157852

4.7511678,-3.121950,9.567000,0.214950,10.065797,88.776382,108.072792

4.7558308,-3.100050,9.574051,0.210000,10.065628,88.804550,107.941803

4.7604957,-3.094950,9.579000,0.205050,10.068665,88.833084,107.905510

4.7651582,-3.034950,9.591001,0.174000,10.061236,89.009071,107.559311

4.7698212,-2.983050,9.574051,0.172050,10.029489,89.017075,107.305809

4.7744842,-2.935050,9.610050,0.150000,10.049382,89.144753,106.983437

4.7791471,-2.904000,9.595950,0.145950,10.026803,89.165977,106.837265

4.7838101,-2.856000,9.591001,0.141000,10.008192,89.192764,106.582436

4.7884727,-2.844000,9.610050,0.118950,10.022752,89.320000,106.485603

4.7931356,-2.844000,9.604951,0.102000,10.017675,89.416603,106.493881

4.7977996,-2.842050,9.586050,0.076050,9.998770,89.564209,106.513916

4.8024621,-2.842050,9.586050,0.082950,9.998824,89.524673,106.513916

4.8071251,-2.857950,9.616950,0.079050,10.032938,89.548561,106.550812

4.8117881,-2.856000,9.619950,0.088050,10.035335,89.497284,106.535263

4.8164520,-2.887050,9.613050,0.100050,10.037719,89.428902,106.716385

4.8211164,-2.917950,9.610050,0.076050,10.043570,89.566154,106.890137

4.8257790,-2.920950,9.591001,0.081000,10.026256,89.537117,106.938171

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4.8351073,-2.980050,9.589050,0.076050,10.041731,89.566071,107.264008

4.8397684,-3.009000,9.565050,0.076050,10.027465,89.565453,107.462677

4.8444324,-3.034950,9.603001,0.094950,10.071622,89.459839,107.538719

4.8490953,-3.064050,9.589050,0.112050,10.067316,89.362282,107.720573

4.8537588,-3.082950,9.571951,0.124050,10.056949,89.293251,107.852798

4.8584237,-3.085950,9.580951,0.106950,10.066237,89.391243,107.853348

4.8630857,-3.085950,9.562051,0.150000,10.048801,89.144707,107.886391

4.8677487,-3.070950,9.562051,0.145950,10.044145,89.167412,107.804955

4.8724132,-3.058950,9.555000,0.129000,10.033536,89.263336,107.752014

4.8770761,-3.058950,9.571951,0.153000,10.050016,89.127701,107.722549

4.8817401,-3.052050,9.567000,0.160050,10.043312,89.086899,107.693642

4.8864036,-3.025950,9.568951,0.174000,10.037503,89.006729,107.548302

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4.9050546,-3.079050,9.583950,0.178950,10.068002,88.981560,107.810730

4.9097195,-3.079050,9.574051,0.162000,10.058292,89.077148,107.827980

4.9143820,-3.081000,9.562051,0.160050,10.047438,89.087273,107.859520

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4.9237089,-3.085950,9.568951,0.153000,10.055412,89.128174,107.874313

4.9283724,-3.094950,9.577050,0.160050,10.065994,89.088951,107.908920

4.9330373,-3.082950,9.567000,0.157950,10.052712,89.099724,107.861450

4.9377007,-3.088050,9.562051,0.154950,10.049521,89.116539,107.897789

4.9423647,-3.094950,9.571951,0.172050,10.061340,89.020187,107.917854

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4.9656820,-3.034950,9.553050,0.178950,10.025154,88.977211,107.624756

4.9703465,-3.043050,9.553050,0.145950,10.027075,89.166000,107.668877

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4.9843369,-3.019050,9.579000,0.160050,10.044776,89.087029,107.493484

4.9889989,-3.016050,9.591001,0.153000,10.055210,89.128151,107.456627

4.9936624,-3.022950,9.592951,0.165000,10.059332,89.060150,107.490791

4.9983258,-3.031050,9.571951,0.150000,10.041514,89.144081,107.570892

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5.1522107,-2.923050,9.567000,0.201000,10.005604,88.848923,106.989731

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5.3014293,-3.016050,9.571951,0.165000,10.037232,89.058083,107.489250

5.3060923,-3.021000,9.571951,0.190950,10.039181,88.910141,107.516197

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5.3154163,-3.013950,9.565050,0.189000,10.030443,88.920334,107.489655

5.3200793,-3.004050,9.565050,0.186000,10.027417,88.937149,107.435692

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5.3294053,-2.997000,9.580951,0.186000,10.040480,88.938538,107.370110

5.3340683,-2.985000,9.567000,0.172050,10.023339,89.016472,107.328445

5.3387318,-2.980050,9.586050,0.186000,10.040301,88.938515,107.269089

5.3433952,-2.976000,9.595950,0.193050,10.048687,88.899193,107.230278

5.3480577,-2.947050,9.589050,0.186000,10.033423,88.937790,107.084023

5.3527207,-2.916000,9.598050,0.189000,10.033012,88.920609,106.899399

5.3573852,-2.932950,9.589050,0.178950,10.029162,88.977615,107.007011

5.3620472,-2.935050,9.607950,0.177000,10.047813,88.990639,106.986938

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5.3760347,-2.952000,9.591001,0.177000,10.036579,88.989510,107.107765

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5.3853602,-2.959050,9.591001,0.145950,10.038156,89.166916,107.146233

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5.3946872,-2.965950,9.583950,0.109950,10.032998,89.372093,107.195755

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5.5718842,-3.157950,9.553050,0.193050,10.063334,88.900795,108.292328

5.5765481,-3.148050,9.547951,0.193050,10.055389,88.899933,108.247879

5.5812120,-3.150000,9.562051,0.202950,10.069583,88.845139,108.233292

5.5858755,-3.174000,9.550051,0.202950,10.065731,88.844696,108.384445

5.5905385,-3.172050,9.538051,0.213000,10.053939,88.786057,108.395470

5.5952015,-3.181950,9.534000,0.214950,10.053267,88.774857,108.456306

5.5998640,-3.160050,9.547951,0.214950,10.059596,88.775627,108.312805

5.6045280,-3.148050,9.535951,0.213000,10.044398,88.784904,108.269318

5.6091895,-3.141000,9.571951,0.196050,10.076039,88.885124,108.167053

5.6138539,-3.136050,9.586050,0.196050,10.087893,88.886436,108.115372

5.6185188,-3.112050,9.571951,0.166950,10.066527,89.049728,108.010475

5.6231809,-3.106950,9.592951,0.157950,10.084780,89.102585,107.946022

5.6278443,-3.069000,9.580951,0.174000,10.061991,89.009148,107.761467

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5.6371717,-3.009000,9.586050,0.145950,10.048270,89.167755,107.426743

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5.6464987,-2.997000,9.583950,0.130950,10.042473,89.252861,107.365005

5.6511617,-2.992050,9.579000,0.117000,10.036099,89.332039,107.346466

5.6558251,-2.980050,9.577050,0.109950,10.030587,89.371941,107.284355

5.6604881,-2.968050,9.568951,0.100050,10.019189,89.427841,107.232590

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5.6698141,-2.973000,9.595950,0.090000,10.046348,89.486710,107.213936

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5.6791415,-2.985000,9.589050,0.070950,10.043164,89.595230,107.290977

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5.7444310,-2.940000,9.583950,0.162000,10.026063,89.074181,107.054070

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5.8843298,-3.040050,9.556951,0.196050,10.030735,88.880089,107.645782

5.8889942,-3.034950,9.574051,0.193050,10.045429,88.898842,107.588486

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6.0242314,-2.851050,9.631950,0.076050,10.045334,89.566231,106.488716

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6.2014351,-2.952000,9.577050,0.190950,10.023505,88.908440,107.131226

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6.2294126,-2.968050,9.574051,0.190950,10.025379,88.908638,107.223953

6.2340751,-2.973000,9.577050,0.198000,10.029847,88.868843,107.245888

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6.3413262,-3.043050,9.577050,0.214950,10.051182,88.774605,107.627342

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6.3506517,-3.057000,9.553050,0.213000,10.032516,88.783463,107.744804

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6.4066119,-3.001950,9.577050,0.234000,10.039241,88.664398,107.403725

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6.4206004,-3.007050,9.577050,0.249000,10.041128,88.579033,107.431503

6.4252648,-2.995050,9.568951,0.249000,10.029813,88.577431,107.379951

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6.4905543,-2.968050,9.583950,0.196050,10.034932,88.880554,107.207214

6.4952173,-2.980050,9.574051,0.201000,10.029135,88.851624,107.289444

6.4998813,-3.004050,9.595950,0.217050,10.057519,88.763412,107.382935

6.5045438,-3.013950,9.592951,0.201000,10.057285,88.854836,107.441879

6.5092068,-3.021000,9.589050,0.225000,10.056190,88.717941,107.486870

6.5138717,-3.033000,9.595950,0.214950,10.066159,88.776428,107.540230

6.5185347,-3.037950,9.603001,0.208050,10.074226,88.816658,107.554985

6.5231986,-3.034950,9.579000,0.214950,10.050591,88.774536,107.579956

6.5278616,-3.040050,9.567000,0.189000,10.040175,88.921379,107.628395

6.5325236,-3.052050,9.579000,0.198000,10.055420,88.871719,107.672859

6.5371881,-3.058950,9.571951,0.181050,10.050483,88.967812,107.722549

6.5418510,-3.082950,9.568951,0.166950,10.054713,89.048607,107.858040

6.5465159,-3.070950,9.574051,0.181050,10.056141,88.968399,107.784042

6.5511789,-3.055050,9.562051,0.177000,10.039794,88.989830,107.718544

6.5558410,-3.046950,9.577050,0.184050,10.051750,88.950844,107.648529

6.5605040,-3.034950,9.568951,0.184050,10.040400,88.949654,107.597282

6.5651670,-3.012000,9.567000,0.178950,10.031533,88.977859,107.475685

6.5698309,-2.997000,9.579000,0.198000,10.038848,88.869858,107.373436

6.5744963,-3.000000,9.579000,0.186000,10.039515,88.938431,107.389778

6.5791583,-2.995050,9.601050,0.189000,10.059136,88.923416,107.325325

6.5838208,-2.988000,9.577050,0.190950,10.034166,88.909599,107.327705

6.5884843,-2.976000,9.591001,0.190950,10.043920,88.910652,107.238640

6.5931478,-2.983050,9.601050,0.202950,10.055841,88.843559,107.260040

6.5978127,-2.976000,9.592951,0.210000,10.046163,88.802231,107.235344

6.6024756,-2.968050,9.591001,0.196050,10.041666,88.881310,107.195313

6.6071391,-2.983050,9.586050,0.184050,10.041157,88.949738,107.285439

6.6118031,-2.988000,9.568951,0.193050,10.026477,88.896759,107.341492

6.6164646,-2.965950,9.580951,0.196050,10.031446,88.880165,107.200821

6.6211290,-2.985000,9.579000,0.213000,10.035579,88.783836,107.308037

6.6257935,-3.009000,9.574051,0.193050,10.037620,88.897980,107.447258

6.6304555,-3.016050,9.571951,0.205050,10.037971,88.829514,107.489250

6.6351185,-3.022950,9.579000,0.193050,10.046529,88.898956,107.514702

6.6397815,-3.001950,9.589050,0.190950,10.049778,88.911293,107.383263

6.6444449,-2.995050,9.591001,0.190950,10.049581,88.911270,107.342392

6.6491094,-2.980050,9.591001,0.177000,10.044865,88.990341,107.260704

6.6537714,-2.944050,9.592951,0.186000,10.036271,88.938087,107.061104

6.6584349,-2.965950,9.589050,0.178950,10.038862,88.978607,107.187149

6.6630993,-2.953950,9.595950,0.181050,10.041955,88.966934,107.110092

6.6677618,-2.949000,9.595950,0.178950,10.040462,88.978767,107.083092

6.6724262,-2.949000,9.589050,0.172050,10.033748,89.017494,107.094666

6.6770902,-2.973000,9.598050,0.184050,10.049635,88.950623,107.210388

6.6817536,-2.983050,9.586050,0.189000,10.041248,88.921494,107.285439

6.6864171,-2.977950,9.577050,0.154950,10.030558,89.114868,107.272896

6.6910801,-3.000000,9.565050,0.169050,10.025905,89.033875,107.413612

6.6957440,-3.021000,9.562051,0.154950,10.029121,89.114746,107.533226

6.7004085,-3.033000,9.571951,0.184050,10.042669,88.949890,107.581497

6.7050710,-3.040050,9.579000,0.169050,10.051255,89.036308,107.607674

6.7097335,-3.057000,9.568951,0.178950,10.046994,88.979431,107.717163

6.7143960,-3.055050,9.571951,0.157950,10.048906,89.099380,107.701363

6.7190580,-3.034950,9.577050,0.186000,10.048155,88.939346,107.583313

6.7237225,-3.021000,9.567000,0.160050,10.033920,89.086044,107.524712

6.7283854,-3.019050,9.574051,0.178950,10.040376,88.978760,107.501976

6.7330489,-3.007050,9.574051,0.189000,10.036958,88.921036,107.436638

6.7377129,-3.016050,9.595950,0.186000,10.060488,88.940643,107.448166

6.7423749,-2.995050,9.592951,0.177000,10.051187,88.990974,107.339073

6.7470379,-3.007050,9.583950,0.174000,10.046129,89.007584,107.419716

6.7517014,-3.028050,9.592951,0.193050,10.061365,88.900581,107.518494

6.7563653,-3.043050,9.580951,0.198000,10.054550,88.871628,107.620605

6.7610288,-3.022950,9.586050,0.201000,10.053407,88.854393,107.502609

6.7656927,-3.028050,9.574051,0.210000,10.043687,88.801933,107.550957

6.7703557,-3.033000,9.579000,0.189000,10.049480,88.922379,107.569359

6.7750182,-3.049950,9.567000,0.202950,10.043449,88.842133,107.682228

6.7796807,-3.046950,9.559951,0.202950,10.035824,88.841255,107.678139

6.7843447,-3.052050,9.586050,0.205050,10.062277,88.832344,107.660667

6.7890086,-3.079050,9.577050,0.208050,10.061994,88.815224,107.822754

6.7936721,-3.061950,9.567000,0.190950,10.046865,88.910973,107.747444

6.7983360,-3.069000,9.571951,0.193050,10.053769,88.899750,107.777115

6.8029990,-3.057000,9.580951,0.205050,10.058922,88.831947,107.696358

6.8076630,-3.058950,9.589050,0.189000,10.066916,88.924248,107.692917

6.8123279,-3.037950,9.580951,0.202950,10.053106,88.843246,107.592903

6.8169894,-3.043050,9.579000,0.217050,10.053084,88.762863,107.623978

6.8216524,-3.025950,9.559951,0.208050,10.029572,88.811394,107.563812

6.8263154,-3.007050,9.567000,0.196050,10.030368,88.880043,107.448708

6.8309779,-3.012000,9.565050,0.205050,10.030173,88.828606,107.479027

6.8356414,-3.019050,9.577050,0.226950,10.044206,88.705284,107.496834

6.8403034,-3.007050,9.574051,0.214950,10.037480,88.772934,107.436638

6.8449669,-2.992050,9.577050,0.217050,10.035904,88.760750,107.349785

6.8496294,-3.000000,9.583950,0.201000,10.044525,88.853386,107.381340

6.8542914,-3.012000,9.579000,0.202950,10.043435,88.842133,107.455116

6.8589540,-3.025950,9.579000,0.210000,10.047771,88.802422,107.531021

6.8636174,-3.009000,9.589050,0.213000,10.052330,88.785866,107.421616

6.8682804,-3.040050,9.598050,0.186000,10.069711,88.941612,107.574883

6.8729444,-3.049950,9.592951,0.190950,10.067937,88.913254,107.637367

6.8776078,-3.016050,9.583950,0.178950,10.048914,88.979630,107.468689

6.8822718,-3.013950,9.577050,0.184050,10.041796,88.949799,107.469078

6.8869362,-3.016050,9.577050,0.184050,10.042426,88.949867,107.480507

6.8915987,-3.019050,9.562051,0.162000,10.028646,89.074417,107.522598

6.8962626,-3.013950,9.577050,0.178950,10.041703,88.978897,107.469078

6.9009247,-3.022950,9.580951,0.178950,10.048127,88.979546,107.511360

6.9055886,-3.012000,9.580951,0.166950,10.044632,89.047653,107.451782

6.9102530,-3.021000,9.579000,0.172050,10.045561,89.018646,107.504097

6.9149156,-3.009000,9.571951,0.178950,10.035355,88.978249,107.450851

6.9195786,-3.004050,9.583950,0.201000,10.045736,88.853523,107.403389

6.9242420,-2.995050,9.565050,0.190950,10.024817,88.908577,107.386612

6.9289041,-2.977950,9.567000,0.181050,10.021400,88.964821,107.289963

6.9335656,-2.973000,9.586050,0.172050,10.037962,89.017906,107.230659

6.9382281,-2.964000,9.601050,0.178950,10.049750,88.979713,107.156303

6.9428906,-2.959050,9.595950,0.181050,10.043456,88.967094,107.137901

6.9475551,-2.973000,9.598050,0.169050,10.049372,89.036125,107.210388

6.9522181,-2.961000,9.592951,0.162000,10.040840,89.075546,107.153580

6.9568810,-2.959050,9.586050,0.160050,10.033641,89.086014,107.154564

6.9615450,-2.965950,9.574051,0.172050,10.024416,89.016579,107.212486

6.9662056,-2.968050,9.568951,0.177000,10.020253,88.987862,107.232590

6.9708681,-2.985000,9.559951,0.184050,10.016824,88.947182,107.340462

6.9755321,-2.989950,9.577050,0.178950,10.034527,88.978165,107.338341

6.9801950,-2.989950,9.568951,0.184050,10.026889,88.948242,107.352135

6.9848595,-3.004050,9.574051,0.178950,10.035875,88.978302,107.420296

6.9895210,-3.028050,9.580951,0.172050,10.049542,89.019035,107.539093

6.9941854,-3.016050,9.592951,0.169050,10.057327,89.036888,107.453293

6.9988503,-3.034950,9.610050,0.174000,10.079398,89.010857,107.526642

7.0035129,-3.034950,9.607950,0.141000,10.076880,89.198265,107.530235

7.0081758,-3.034950,9.583950,0.157950,10.054251,89.099861,107.571434

7.0128388,-3.052050,9.601050,0.150000,10.075598,89.146980,107.634789

7.0175014,-3.045000,9.610050,0.142950,10.081941,89.187584,107.581108

7.0221643,-3.037950,9.591001,0.153000,10.061801,89.128723,107.575600

7.0268259,-3.046950,9.577050,0.157950,10.051306,89.099594,107.648529

7.0314894,-3.025950,9.586050,0.136050,10.053221,89.224594,107.518921

7.0361533,-3.021000,9.591001,0.145950,10.056591,89.168442,107.483528

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7.0501394,-2.997000,9.577050,0.154950,10.036230,89.115372,107.376762

7.0548024,-3.007050,9.591001,0.148050,10.052441,89.156128,107.407684

7.0594664,-2.976000,9.586050,0.154950,10.038572,89.115578,107.247017

7.0641279,-2.988000,9.591001,0.181050,10.047298,88.967491,107.304008

7.0687923,-2.976000,9.595950,0.174000,10.048339,89.007797,107.230278

7.0734553,-2.977950,9.591001,0.166950,10.044070,89.047600,107.249268

7.0781178,-2.976000,9.592951,0.153000,10.045133,89.127281,107.235344

7.0827794,-2.965950,9.595950,0.136050,10.044781,89.223946,107.175514

7.0874424,-2.959050,9.580951,0.162000,10.028801,89.074432,107.163162

7.0921054,-2.961000,9.595950,0.136050,10.043321,89.223831,107.148537

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7.1014342,-2.959050,9.574051,0.150000,10.022022,89.142418,107.174797

7.1060963,-2.961000,9.583950,0.141000,10.031924,89.194672,107.168747

7.1107593,-2.932950,9.598050,0.150000,10.037293,89.143723,106.991982

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7.1294093,-2.949000,9.613050,0.145950,10.056273,89.168419,107.054466

7.1340742,-2.964000,9.580951,0.126000,10.029745,89.280197,107.190178

7.1387362,-2.956050,9.598050,0.126000,10.043738,89.281197,107.118019

7.1433997,-2.964000,9.598050,0.109950,10.045893,89.372902,107.161354

7.1480632,-2.949000,9.601050,0.117000,10.044424,89.332588,107.074547

7.1527247,-2.959050,9.601050,0.118950,10.047402,89.321663,107.129333

7.1573882,-2.959050,9.598050,0.133950,10.044724,89.235916,107.134377

7.1620526,-2.977950,9.589050,0.124050,10.041587,89.292168,107.252563

7.1667156,-2.980050,9.598050,0.136050,10.050959,89.224419,107.248779

7.1713796,-2.977950,9.580951,0.150000,10.034206,89.143463,107.266281

7.1760430,-2.992050,9.580951,0.136050,10.038201,89.223434,107.343147

7.1807060,-3.000000,9.579000,0.136050,10.038713,89.223473,107.389778

7.1853695,-2.988000,9.583950,0.133950,10.039830,89.235542,107.315979

7.1900315,-3.028050,9.571951,0.148050,10.040581,89.155136,107.554565

7.1946940,-3.025950,9.592951,0.157950,10.060121,89.100388,107.507088

7.1993561,-3.021000,9.586050,0.166950,10.052197,89.048370,107.492012

7.2040191,-3.031050,9.571951,0.160050,10.041670,89.086746,107.570892

7.2086835,-3.045000,9.568951,0.157950,10.042997,89.098854,107.651939

7.2133460,-3.031050,9.580951,0.145950,10.050034,89.167900,107.555397

7.2180090,-3.021000,9.577050,0.184050,10.043914,88.950020,107.507446

7.2226720,-3.016050,9.579000,0.177000,10.044159,88.990273,107.477165

7.2273345,-3.012000,9.591001,0.166950,10.054218,89.048561,107.434608

7.2319965,-2.992050,9.591001,0.141000,10.047862,89.195953,107.326057

7.2366590,-2.977950,9.580951,0.145950,10.034147,89.166588,107.266281

7.2413216,-2.992050,9.574051,0.169050,10.032118,89.034470,107.354897

7.2459855,-2.988000,9.595950,0.165000,10.051747,89.059441,107.295616

7.2506471,-2.976000,9.580951,0.154950,10.033703,89.115150,107.255646

7.2553096,-2.976000,9.583950,0.162000,10.036678,89.075157,107.250572

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7.2739635,-3.000000,9.583950,0.166950,10.043902,89.047585,107.381340

7.2786279,-2.983050,9.583950,0.162000,10.038772,89.075356,107.289001

7.2832923,-2.983050,9.586050,0.153000,10.040635,89.126892,107.285439

7.2879553,-2.992050,9.580951,0.174000,10.038788,89.006859,107.343147

7.2926188,-2.971050,9.589050,0.184050,10.040463,88.949661,107.214958

7.2972827,-2.952000,9.579000,0.177000,10.025112,88.988350,107.127945

7.3019452,-2.959050,9.589050,0.166950,10.036619,89.046890,107.149513

7.3066077,-2.959050,9.583950,0.160050,10.031635,89.085831,107.158104

7.3112712,-2.944050,9.592951,0.162000,10.035855,89.075081,107.061104

7.3159351,-2.940000,9.603001,0.162000,10.044275,89.075859,107.022194

7.3205996,-2.932950,9.607950,0.162000,10.046947,89.076103,106.975487

7.3252611,-2.935050,9.603001,0.169050,10.042944,89.035507,106.995186

7.3299246,-2.941950,9.603001,0.150000,10.044660,89.144356,107.032829

7.3345876,-2.964000,9.591001,0.160050,10.039831,89.086578,107.173225

7.3392496,-2.953950,9.586050,0.130950,10.031716,89.252060,107.126732

7.3439126,-2.983050,9.580951,0.133950,10.035495,89.235214,107.294090

7.3485765,-2.989950,9.583950,0.138000,10.040465,89.212479,107.326599

7.3532400,-3.000000,9.598050,0.105000,10.056520,89.401764,107.357338

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7.3672261,-3.034950,9.580951,0.105000,10.050699,89.401421,107.576599

7.3718891,-3.031050,9.580951,0.088050,10.049359,89.497986,107.555397

7.3765516,-3.067050,9.562051,0.088050,10.042279,89.497627,107.783768

7.3812151,-3.055050,9.579000,0.093000,10.054811,89.470047,107.689148

7.3858776,-3.057000,9.586050,0.112050,10.062314,89.361961,107.687531

7.3905406,-3.055050,9.577050,0.138000,10.053471,89.213501,107.692528

7.3952055,-3.058950,9.567000,0.124050,10.044902,89.292404,107.731140

7.3998680,-3.058950,9.577050,0.148050,10.054799,89.156326,107.713699

7.4045320,-3.045000,9.591001,0.126000,10.063558,89.282616,107.613869

7.4091954,-3.067050,9.583950,0.148050,10.063837,89.157089,107.745682

7.4138579,-3.073950,9.583950,0.157950,10.066092,89.100922,107.783089

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7.4231853,-3.067050,9.580951,0.142950,10.060907,89.185890,107.750885

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7.4325132,-3.046950,9.580951,0.133950,10.054674,89.236671,107.641792

7.4371758,-3.019050,9.586050,0.126000,10.051015,89.281715,107.481407

7.4418383,-3.000000,9.591001,0.145950,10.050303,89.167923,107.369331

7.4465022,-2.976000,9.580951,0.153000,10.033673,89.126282,107.255646

7.4511642,-2.973000,9.580951,0.153000,10.032784,89.126205,107.239288

7.4558272,-2.965950,9.586050,0.150000,10.035522,89.143570,107.192215

7.4604912,-2.977950,9.580951,0.142950,10.034103,89.183716,107.266281

7.4651546,-2.985000,9.574051,0.154950,10.029790,89.114807,107.316444

7.4698186,-3.004050,9.586050,0.157950,10.046970,89.099205,107.399803

7.4744811,-3.004050,9.598050,0.154950,10.058374,89.117317,107.379364

7.4791441,-2.992050,9.601050,0.166950,10.057853,89.048904,107.309006

7.4838080,-2.997000,9.598050,0.148050,10.056167,89.156441,107.341026

7.4884710,-2.992050,9.610050,0.136050,10.065979,89.225578,107.293762

7.4931340,-3.000000,9.601050,0.130950,10.059688,89.254143,107.352242

7.4977980,-2.995050,9.589050,0.124050,10.046671,89.292526,107.345703

7.5024605,-2.977950,9.592951,0.145950,10.045606,89.167534,107.245964

7.5071244,-2.983050,9.577050,0.150000,10.031998,89.143272,107.300713

7.5117874,-3.012000,9.579000,0.138000,10.042332,89.212624,107.455116

7.5164504,-3.034950,9.567000,0.129000,10.037682,89.263641,107.600647

7.5211148,-3.046950,9.567000,0.138000,10.041436,89.212555,107.665916

7.5257778,-3.043050,9.568951,0.133950,10.042057,89.235718,107.641335

7.5304422,-3.067050,9.586050,0.141000,10.065736,89.197380,107.742035

7.5351052,-3.049950,9.583950,0.133950,10.058441,89.236961,107.652901

7.5397692,-3.070950,9.592951,0.133950,10.073400,89.238091,107.751205

7.5444317,-3.070950,9.595950,0.166950,10.076749,89.050690,107.746002

7.5490947,-3.045000,9.601050,0.172050,10.073817,89.021400,107.596573

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7.5677485,-3.025950,9.583950,0.186000,10.052018,88.939751,107.522522

7.5724120,-3.037950,9.591001,0.189000,10.062413,88.923759,107.575600

7.5770750,-3.028050,9.579000,0.162000,10.047516,89.076157,107.542442

7.5817385,-3.037950,9.577050,0.181050,10.048970,88.967659,107.599625

7.5864015,-3.012000,9.577050,0.186000,10.041246,88.938614,107.458458

7.5910649,-3.001950,9.571951,0.186000,10.033372,88.937782,107.412437

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7.6003900,-2.992050,9.583950,0.160050,10.041418,89.086723,107.338043

7.6050529,-2.997000,9.580951,0.165000,10.040112,89.058357,107.370110

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7.6143794,-2.971050,9.580951,0.150000,10.032161,89.143288,107.228645

7.6190438,-2.964000,9.589050,0.166950,10.038080,89.047035,107.176514

7.6237059,-2.953950,9.583950,0.154950,10.030051,89.114830,107.130264

7.6283689,-2.952000,9.603001,0.154950,10.047683,89.116379,107.087631

7.6330323,-2.964000,9.580951,0.154950,10.030150,89.114838,107.190178

7.6376948,-2.961000,9.595950,0.142950,10.043417,89.184471,107.148537

7.6423578,-2.953950,9.601050,0.142950,10.046214,89.184700,107.101532

7.6470222,-2.956050,9.586050,0.142950,10.032498,89.183578,107.138191

7.6516862,-2.977950,9.583950,0.118950,10.036654,89.320938,107.261200

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7.6703410,-3.013950,9.571951,0.150000,10.036366,89.143646,107.477814

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7.6843328,-2.973000,9.565050,0.145950,10.017495,89.165199,107.266243

7.6889963,-2.971050,9.589050,0.157950,10.040018,89.098579,107.214958

7.6936593,-2.983050,9.580951,0.153000,10.035767,89.126465,107.294090

7.6983223,-2.976000,9.580951,0.166950,10.033895,89.046631,107.255646

7.7029853,-2.988000,9.586050,0.154950,10.042137,89.115891,107.312408

7.7076488,-3.001950,9.579000,0.150000,10.039495,89.143913,107.400398

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7.7262993,-3.046950,9.571951,0.190950,10.047020,88.910995,107.657349

7.7309637,-3.049950,9.589050,0.196050,10.064319,88.883827,107.644096

7.7356262,-3.045000,9.574051,0.198000,10.048567,88.870956,107.643120

7.7402892,-3.013950,9.580951,0.190950,10.045645,88.910843,107.462395

7.7449536,-3.031050,9.562051,0.193050,10.032814,88.897453,107.587959

7.7496166,-3.007050,9.577050,0.181050,10.039672,88.966705,107.431503

7.7542796,-2.995050,9.591001,0.172050,10.049239,89.019005,107.342392

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7.7682691,-2.959050,9.598050,0.166950,10.045218,89.047707,107.134377

7.7729325,-2.947050,9.595950,0.166950,10.039683,89.047180,107.072449

7.7775955,-2.953950,9.577050,0.162000,10.023570,89.073952,107.141884

7.7822604,-2.949000,9.589050,0.162000,10.033580,89.074875,107.094666

7.7869239,-2.977950,9.565050,0.160050,10.019181,89.084694,107.293274

7.7915854,-2.977950,9.567000,0.153000,10.020932,89.125168,107.289963

7.7962489,-2.976000,9.567000,0.142950,10.020205,89.182579,107.279312

7.8009129,-2.989950,9.583950,0.184050,10.041203,88.949738,107.326599

7.8055768,-2.988000,9.577050,0.193050,10.034207,88.897606,107.327705

7.8102388,-2.973000,9.579000,0.186000,10.031479,88.937584,107.242592

7.8149014,-2.980050,9.592951,0.196050,10.047081,88.881912,107.257408

7.8195658,-2.976000,9.598050,0.186000,10.050559,88.939598,107.226730

7.8242283,-2.968050,9.598050,0.184050,10.048172,88.950470,107.183426

7.8288922,-2.985000,9.604951,0.181050,10.059726,88.968765,107.264053

7.8335552,-2.977950,9.591001,0.190950,10.044497,88.910721,107.249268

7.8382187,-2.961000,9.579000,0.190950,10.028023,88.908928,107.177094

7.8428822,-2.976000,9.567000,0.196050,10.021103,88.879013,107.279312

7.8475447,-2.961000,9.571951,0.186000,10.021196,88.936493,107.189003

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7.8848491,-3.016050,9.580951,0.196050,10.046373,88.881828,107.473824

7.8895116,-3.004050,9.568951,0.186000,10.031138,88.937546,107.429016

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7.8988376,-3.000000,9.589050,0.202950,10.049432,88.842827,107.372650

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7.9081631,-2.983050,9.603001,0.189000,10.057431,88.923233,107.256744

7.9128261,-2.980050,9.589050,0.190950,10.043259,88.910583,107.264008

7.9174905,-2.971050,9.583950,0.193050,10.035762,88.897781,107.223572

7.9221525,-2.953950,9.586050,0.193050,10.032719,88.897446,107.126732

7.9268160,-2.989950,9.568951,0.181050,10.026834,88.965378,107.352135

7.9314790,-2.997000,9.567000,0.196050,10.027360,88.879707,107.393913

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8.0154161,-3.016050,9.541051,0.178950,10.008008,88.975456,107.542419

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8.0294065,-3.004050,9.577050,0.181050,10.038774,88.966614,107.415169

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8.0433979,-3.009000,9.586050,0.198000,10.049162,88.871017,107.426743

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8.1040163,-3.009000,9.568951,0.181050,10.032531,88.965965,107.455994

8.1086788,-3.013950,9.598050,0.190950,10.061954,88.912605,107.433174

8.1133413,-3.009000,9.565050,0.177000,10.028738,88.988716,107.462677

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8.1226683,-3.013950,9.579000,0.177000,10.043529,88.990204,107.465736

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8.1366558,-3.022950,9.583950,0.178950,10.050987,88.979836,107.506210

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8.1506443,-3.019050,9.568951,0.184050,10.035604,88.949150,107.510735

8.1553078,-3.033000,9.592951,0.178950,10.062594,88.981018,107.545372

8.1599703,-3.028050,9.595950,0.169050,10.063793,89.037506,107.513351

8.1646347,-3.021000,9.580951,0.162000,10.047254,89.076134,107.500748

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8.1739607,-3.028050,9.571951,0.162000,10.040796,89.075539,107.554565

8.1786251,-3.019050,9.574051,0.186000,10.040504,88.938538,107.501976

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8.1879492,-3.043050,9.583950,0.165000,10.056812,89.059921,107.615433

8.1926136,-3.028050,9.562051,0.177000,10.031611,88.989006,107.571625

8.1972761,-3.033000,9.556951,0.181050,10.028318,88.965530,107.607391

8.2019386,-3.033000,9.568951,0.184050,10.039810,88.949593,107.586670

8.2066021,-3.019050,9.555000,0.184050,10.022304,88.947762,107.534737

8.2112646,-3.040050,9.579000,0.198000,10.051784,88.871315,107.607674

8.2159271,-3.012000,9.580951,0.205050,10.045338,88.830368,107.451782

8.2205896,-3.012000,9.579000,0.166950,10.042771,89.047478,107.455116

8.2252541,-3.013950,9.577050,0.210000,10.042305,88.801773,107.469078

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8.2625637,-2.985000,9.574051,0.165000,10.029950,89.057404,107.316444

8.2672281,-2.980050,9.591001,0.184050,10.044991,88.950134,107.260704

8.2718906,-2.977950,9.591001,0.177000,10.044242,88.990280,107.249268

8.2765532,-2.973000,9.583950,0.208050,10.036638,88.812225,107.234207

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8.3045330,-3.019050,9.577050,0.193050,10.043497,88.898628,107.496834

8.3091946,-3.061950,9.579000,0.196050,10.058391,88.883163,107.726601

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8.3185215,-3.057000,9.583950,0.202950,10.061736,88.844238,107.691162

8.3231840,-3.070950,9.580951,0.214950,10.063376,88.776093,107.772041

8.3278475,-3.069000,9.589050,0.196050,10.070108,88.884468,107.747406

8.3325081,-3.034950,9.571951,0.184050,10.043259,88.949951,107.592102

8.3371706,-3.055050,9.589050,0.186000,10.065675,88.941193,107.671761

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8.3511610,-3.012000,9.562051,0.177000,10.026778,88.988518,107.484177

8.3558235,-3.004050,9.568951,0.181050,10.031047,88.965813,107.429016

8.3604851,-3.000000,9.579000,0.190950,10.039607,88.910187,107.389778

8.3651485,-2.983050,9.577050,0.181050,10.032510,88.965965,107.300713

8.3698111,-3.000000,9.577050,0.184050,10.037618,88.949364,107.393105

8.3744726,-2.985000,9.591001,0.169050,10.046198,89.035820,107.287674

8.3791370,-3.000000,9.579000,0.150000,10.038912,89.143860,107.389778

8.3837986,-3.012000,9.580951,0.157950,10.044486,89.098984,107.451782

8.3884611,-2.988000,9.586050,0.174000,10.042449,89.007217,107.312408

8.3931246,-3.009000,9.580951,0.166950,10.043733,89.047569,107.435455

8.3977880,-3.004050,9.574051,0.165000,10.035636,89.057938,107.420296

8.4024525,-2.997000,9.559951,0.153000,10.019884,89.125084,107.405968

8.4071140,-3.019050,9.565050,0.157950,10.031440,89.097809,107.517441

8.4117765,-3.000000,9.579000,0.150000,10.038912,89.143860,107.389778

8.4164400,-3.004050,9.577050,0.174000,10.038650,89.006844,107.415169

8.4211016,-3.021000,9.571951,0.184050,10.039052,88.949516,107.516197

8.4257650,-2.992050,9.601050,0.172050,10.057939,89.019859,107.309006

8.4304276,-3.001950,9.591001,0.181050,10.051456,88.967911,107.379936

8.4350910,-2.995050,9.604951,0.172050,10.062554,89.020309,107.318710

8.4397535,-3.001950,9.604951,0.162000,10.064444,89.077713,107.356216

8.4444160,-2.992050,9.607950,0.160050,10.064327,89.088806,107.297318

8.4490776,-2.992050,9.580951,0.157950,10.038522,89.098450,107.343147

8.4537420,-2.988000,9.586050,0.193050,10.042797,88.898552,107.312408

8.4584036,-2.992050,9.579000,0.196050,10.037333,88.880821,107.346466

8.4630680,-2.997000,9.565050,0.166950,10.024972,89.045784,107.397247

8.4677315,-3.019050,9.567000,0.160050,10.033334,89.085991,107.514091

8.4723949,-3.037950,9.577050,0.130950,10.048193,89.253288,107.599625

8.4770584,-3.045000,9.580951,0.145950,10.054250,89.168251,107.631203

8.4817219,-3.031050,9.556951,0.126000,10.026886,89.279991,107.596771

8.4863844,-3.021000,9.568951,0.142950,10.035522,89.183830,107.521355

8.4910479,-3.000000,9.571951,0.150000,10.032186,89.143288,107.401810

8.4957104,-2.997000,9.580951,0.141000,10.039746,89.195305,107.370110

8.5003729,-2.983050,9.574051,0.141000,10.029004,89.194443,107.305809

8.5050354,-2.995050,9.579000,0.138000,10.037261,89.212227,107.362808

8.5096989,-2.988000,9.592951,0.130950,10.048383,89.253304,107.300697

8.5143633,-3.001950,9.591001,0.148050,10.050916,89.156006,107.379936

8.5190258,-3.034950,9.601050,0.129000,10.070141,89.266014,107.542061

8.5236893,-3.031050,9.591001,0.154950,10.059750,89.117439,107.538132

8.5283537,-3.013950,9.592951,0.141000,10.056266,89.196625,107.441879

8.5330153,-3.013950,9.583950,0.162000,10.047997,89.076202,107.457260

8.5376787,-3.009000,9.577050,0.172050,10.040098,89.018112,107.442123

8.5423422,-3.009000,9.592951,0.169050,10.055216,89.036690,107.414963

8.5470057,-3.009000,9.568951,0.172050,10.032372,89.017357,107.455994

8.5516682,-3.028050,9.568951,0.172050,10.038103,89.017921,107.559738

8.5563307,-3.028050,9.580951,0.169050,10.049492,89.036140,107.539093

8.5609941,-3.025950,9.571951,0.174000,10.040363,89.007011,107.543144

8.5656586,-3.007050,9.579000,0.162000,10.041207,89.075577,107.428169

8.5703220,-3.009000,9.565050,0.178950,10.028773,88.977577,107.462677

8.5749846,-3.000000,9.591001,0.165000,10.050597,89.059334,107.369331

8.5796480,-2.995050,9.589050,0.154950,10.047100,89.116325,107.345703

8.5843115,-2.977950,9.598050,0.154950,10.050611,89.116638,107.237350

8.5889750,-2.985000,9.601050,0.165000,10.055725,89.059814,107.270653

8.5936375,-2.989950,9.591001,0.157950,10.047489,89.099251,107.314629

8.5983000,-2.983050,9.592951,0.157950,10.047300,89.099236,107.273743

8.6029644,-2.992050,9.589050,0.138000,10.045959,89.212914,107.329376

8.6076260,-2.983050,9.579000,0.148050,10.033831,89.154564,107.297401

8.6122904,-2.985000,9.568951,0.162000,10.025033,89.074089,107.325127

8.6169538,-2.965950,9.574051,0.153000,10.024107,89.125450,107.212486

8.6216145,-3.000000,9.571951,0.145950,10.032125,89.166420,107.401810

8.6262779,-2.997000,9.577050,0.160050,10.036310,89.086258,107.376762

8.6309385,-2.988000,9.583950,0.153000,10.040102,89.126839,107.315979

8.6356010,-2.989950,9.586050,0.193050,10.043378,88.898613,107.323036

8.6402636,-3.001950,9.603001,0.154950,10.062471,89.117676,107.359528

8.6449261,-3.013950,9.607950,0.181050,10.071216,88.969940,107.416290

8.6495895,-3.021000,9.603001,0.178950,10.068569,88.981621,107.463013

8.6542521,-3.034950,9.586050,0.178950,10.056604,88.980408,107.567825

8.6589155,-3.061950,9.567000,0.181050,10.046681,88.967422,107.747444

8.6635790,-3.052050,9.583950,0.174000,10.059690,89.008919,107.664299

8.6682415,-3.049950,9.568951,0.174000,10.044765,89.007446,107.678848

8.6729050,-3.040050,9.562051,0.190950,10.035496,88.909744,107.636955

8.6775684,-3.009000,9.571951,0.196050,10.035675,88.880638,107.450851

8.6822290,-3.019050,9.568951,0.198000,10.035871,88.869522,107.510735

8.6868916,-3.021000,9.562051,0.196050,10.029840,88.879990,107.533226

8.6915560,-3.021000,9.574051,0.198000,10.041320,88.870140,107.512589

8.6962185,-3.000000,9.595950,0.190950,10.055780,88.911942,107.360909

8.7008820,-2.995050,9.580951,0.178950,10.039769,88.978699,107.359489

8.7055426,-3.000000,9.577050,0.177000,10.037491,88.989601,107.393105

8.7102051,-2.992050,9.567000,0.172050,10.025440,89.016678,107.366913

8.7148685,-2.995050,9.579000,0.181050,10.037946,88.966522,107.362808

8.7195301,-3.000000,9.595950,0.172050,10.055439,89.019615,107.360909

8.7241917,-2.992050,9.589050,0.172050,10.046484,89.018738,107.329376

8.7288561,-2.997000,9.574051,0.181050,10.033805,88.966095,107.381874

8.7335196,-2.985000,9.579000,0.178950,10.034914,88.978203,107.308037

8.7381830,-3.007050,9.604951,0.181050,10.066291,88.969437,107.383926

8.7428455,-2.997000,9.571951,0.186000,10.031892,88.937622,107.385460

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8.7568331,-2.995050,9.580951,0.189000,10.039953,88.921356,107.359489

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8.7661610,-2.983050,9.592951,0.174000,10.047565,89.007721,107.273743

8.7708235,-2.968050,9.603001,0.178950,10.052809,88.980026,107.175087

8.7754879,-2.977950,9.595950,0.153000,10.048574,89.127579,107.240898

8.7801504,-2.964000,9.571951,0.160050,10.021635,89.084923,107.205391

8.7848129,-2.976000,9.592951,0.160050,10.045242,89.087074,107.235344

8.7894773,-2.973000,9.580951,0.165000,10.032974,89.057686,107.239288

8.7941399,-2.976000,9.592951,0.157950,10.045209,89.099052,107.235344

8.7988024,-2.971050,9.580951,0.160050,10.032316,89.085899,107.228645

8.8034649,-2.985000,9.580951,0.177000,10.036741,88.989525,107.304726

8.8081284,-3.004050,9.586050,0.174000,10.047235,89.007690,107.399803

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8.8174534,-3.033000,9.571951,0.178950,10.042577,88.978989,107.581497

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8.8267803,-3.028050,9.577050,0.184050,10.046037,88.950241,107.545792

8.8314438,-3.069000,9.583950,0.169050,10.064762,89.037605,107.756256

8.8361073,-3.045000,9.577050,0.181050,10.051105,88.967880,107.637939

8.8407707,-3.064050,9.580951,0.172050,10.060449,89.020103,107.734612

8.8454323,-3.045000,9.555000,0.186000,10.030187,88.937447,107.676109

8.8500957,-3.040050,9.567000,0.193050,10.040253,88.898270,107.628395

8.8547583,-3.057000,9.568951,0.196050,10.047314,88.881935,107.717163

8.8594208,-3.040050,9.571951,0.190950,10.044930,88.910767,107.619843

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8.8687468,-3.043050,9.571951,0.181050,10.045654,88.967316,107.636147

8.8734093,-3.012000,9.567000,0.178950,10.031533,88.977859,107.475685

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8.8827362,-2.997000,9.571951,0.178950,10.031763,88.977882,107.385460

8.8874006,-2.980050,9.583950,0.172050,10.038048,89.017914,107.272652

8.8920622,-2.992050,9.579000,0.153000,10.036584,89.126534,107.346466

8.8967257,-2.985000,9.580951,0.172050,10.036655,89.017776,107.304726

8.9013891,-2.980050,9.568951,0.178950,10.023849,88.977074,107.298111

8.9060516,-2.985000,9.571951,0.181050,10.028222,88.965523,107.320023

8.9107151,-2.995050,9.574051,0.165000,10.032946,89.057678,107.371246

8.9153776,-3.013950,9.580951,0.181050,10.045461,88.967300,107.462395

8.9200411,-3.012000,9.591001,0.174000,10.054338,89.008392,107.434608

8.9247055,-3.019050,9.592951,0.178950,10.058399,88.980591,107.469597

8.9293680,-2.989950,9.598050,0.174000,10.054483,89.008408,107.302666

8.9340286,-3.007050,9.586050,0.190950,10.048441,88.911148,107.416130

8.9386930,-2.997000,9.577050,0.174000,10.036542,89.006630,107.376762

8.9433565,-2.988000,9.583950,0.174000,10.040444,89.007019,107.315979

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8.9573460,-3.025950,9.567000,0.166950,10.035523,89.046791,107.551659

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8.9759970,-3.067050,9.565050,0.160050,10.046024,89.087143,107.778542

8.9806604,-3.045000,9.562051,0.172050,10.036655,89.017776,107.663887

8.9853230,-3.037950,9.567000,0.172050,10.039235,89.018028,107.616966

8.9899855,-3.046950,9.565050,0.165000,10.039986,89.058342,107.669296

8.9946489,-3.031050,9.568951,0.165000,10.038890,89.058243,107.576065

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9.0039759,-3.012000,9.592951,0.145950,10.055752,89.168373,107.431274

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9.0179644,-3.000000,9.589050,0.136050,10.048303,89.224213,107.372650

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9.0366163,-2.995050,9.574051,0.160050,10.032866,89.085945,107.371246

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9.0459433,-3.012000,9.586050,0.174000,10.049616,89.007927,107.443062

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9.0552673,-3.007050,9.579000,0.169050,10.041324,89.035355,107.428169

9.0599298,-3.009000,9.565050,0.166950,10.028566,89.046127,107.462677

9.0645933,-3.007050,9.579000,0.162000,10.041207,89.075577,107.428169

9.0692568,-3.012000,9.601050,0.162000,10.063725,89.077644,107.417458

9.0739212,-3.009000,9.579000,0.169050,10.041907,89.035408,107.438789

9.0785828,-2.980050,9.589050,0.169050,10.042866,89.035507,107.264008

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9.0972338,-2.985000,9.583950,0.138000,10.038992,89.212364,107.299629

9.1018972,-3.012000,9.580951,0.154950,10.044439,89.116096,107.451782

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9.1158867,-3.001950,9.571951,0.166950,10.033036,89.046555,107.412437

9.1205482,-3.013950,9.586050,0.166950,10.050080,89.048172,107.453667

9.1252117,-3.016050,9.579000,0.153000,10.043765,89.127159,107.477165

9.1298752,-3.013950,9.574051,0.157950,10.038490,89.098442,107.474213

9.1345377,-3.016050,9.586050,0.186000,10.051045,88.939651,107.465096

9.1392012,-3.052050,9.580951,0.165000,10.056682,89.059906,107.669487

9.1438627,-3.025950,9.568951,0.178950,10.037590,88.978477,107.548302

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9.1625137,-3.031050,9.567000,0.184050,10.037362,88.949341,107.579422

9.1671753,-3.031050,9.565050,0.189000,10.035595,88.920883,107.582787

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9.1811628,-3.034950,9.559951,0.189000,10.031915,88.920494,107.612823

9.1858263,-3.021000,9.559951,0.178950,10.027518,88.977455,107.536842

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9.1951523,-3.016050,9.567000,0.174000,10.032663,89.006248,107.497749

9.1998158,-3.022950,9.577050,0.178950,10.044409,88.979172,107.518051

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9.2091408,-3.022950,9.580951,0.174000,10.048040,89.007767,107.511360

9.2138042,-3.043050,9.579000,0.153000,10.051906,89.127869,107.623978

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9.2277927,-3.033000,9.571951,0.169050,10.042406,89.035461,107.581497

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9.2417831,-3.040050,9.574051,0.166950,10.046503,89.047829,107.616211

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9.2511110,-3.034950,9.567000,0.157950,10.038095,89.098412,107.600647

9.2557745,-3.007050,9.574051,0.153000,10.036345,89.126518,107.436638

9.2604380,-3.007050,9.571951,0.154950,10.034371,89.115211,107.440231

9.2650995,-2.989950,9.574051,0.148050,10.031160,89.154343,107.343445

9.2697630,-2.953950,9.580951,0.165000,10.027346,89.057152,107.135315

9.2744255,-2.973000,9.595950,0.177000,10.047503,88.990608,107.213936

9.2790880,-2.988000,9.589050,0.169050,10.045228,89.035728,107.307320

9.2837515,-2.988000,9.586050,0.160050,10.042217,89.086800,107.312408

9.2884150,-3.007050,9.591001,0.153000,10.052514,89.127922,107.407684

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9.3070660,-3.049950,9.559951,0.160050,10.035959,89.086227,107.694458

9.3117313,-3.061950,9.562051,0.169050,10.041759,89.035400,107.756050

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9.3630228,-3.046950,9.591001,0.154950,10.064552,89.117859,107.624451

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9.3770094,-3.073950,9.580951,0.142950,10.063012,89.186058,107.788307

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9.3863344,-3.082950,9.567000,0.153000,10.052635,89.127930,107.861450

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9.4003220,-3.064050,9.547951,0.126000,10.028342,89.280098,107.792053

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9.6101656,-3.172050,9.595950,0.121950,10.107375,89.308685,108.291893

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13.0143318,-4.129950,8.976001,0.604950,9.899042,86.496361,114.707642

13.0189943,-4.126950,9.021001,0.538050,9.934771,86.895439,114.583267

13.0236578,-4.093950,9.124050,0.514050,10.013638,87.057426,114.165718

13.0283222,-4.027050,9.238951,0.486000,10.090171,87.239243,113.551300

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13.0423117,-3.924000,9.450001,0.220050,10.234682,88.768021,112.550087

13.0469751,-3.919050,9.459001,0.157950,10.239951,89.116188,112.505188

13.0516396,-3.888000,9.423000,0.085950,10.193962,89.516907,112.421410

13.0563030,-3.864000,9.378000,0.070950,10.143097,89.599220,112.393044

13.0609665,-3.804000,9.340051,0.094950,10.085435,89.460579,112.160004

13.0656290,-3.796950,9.330001,0.112050,10.073645,89.362679,112.144424

13.0702915,-3.787050,9.328051,0.094950,10.067934,89.459641,112.096420

13.0749550,-3.802050,9.340051,0.142950,10.085265,89.187851,112.149742

13.0796194,-3.805950,9.411000,0.205050,10.153533,88.842834,112.019150

13.0842819,-3.790050,9.442950,0.234000,10.177846,88.682587,111.868698

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13.0936079,-3.759000,9.553050,0.337050,10.271536,88.119560,111.478989

13.0982704,-3.736950,9.565050,0.409050,10.277271,87.718941,111.339989

13.1029329,-3.688950,9.562051,0.454050,10.259012,87.463341,111.096153

13.1075945,-3.627000,9.510000,0.462000,10.188654,87.401054,110.876251

13.1122570,-3.547950,9.457050,0.454050,10.110881,87.426147,110.564316

13.1169214,-3.466050,9.376050,0.508950,10.009138,87.085335,110.287872

13.1215839,-3.358950,9.297001,0.531000,9.899431,86.925209,109.864479

13.1262474,-3.258000,9.282001,0.588000,9.854736,86.579315,109.341171

13.1309090,-3.196050,9.294001,0.627000,9.848163,86.349701,108.977234

13.1355724,-3.153000,9.325050,0.676950,9.866926,86.065964,108.681503

13.1402359,-3.142950,9.370951,0.723000,9.910378,85.816338,108.541084

13.1448994,-3.162000,9.457050,0.747000,9.999602,85.715843,108.487549

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13.1588888,-3.304050,9.550051,0.663000,10.127180,86.246307,109.084190

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13.1728802,-3.304050,9.385051,0.507000,9.962579,87.082932,109.394852

13.1775436,-3.174000,9.355950,0.519000,9.893303,86.992897,108.739471

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13.2521563,-3.153000,9.361051,0.129000,9.878630,89.251785,108.614616

13.2568188,-3.129000,9.397051,0.165000,9.905677,89.045570,108.416565

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13.2941256,-3.061950,9.648001,-0.031050,10.122273,90.175758,107.607681

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13.3034506,-3.102000,9.679951,0.019050,10.164852,89.892624,107.768379

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13.3127756,-3.186000,9.754050,0.109950,10.261783,89.386093,108.088776

13.3174391,-3.277050,9.763050,0.114000,10.298990,89.365776,108.554764

13.3221025,-3.379950,9.759001,0.160050,10.328978,89.112152,109.103111

13.3267660,-3.519000,9.723001,0.184050,10.341855,88.980278,109.896469

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13.3407545,-3.804000,9.625051,0.249000,10.352489,88.621780,111.564857

13.3454170,-3.859050,9.586050,0.325050,10.338776,88.198326,111.928207

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13.3640699,-3.742050,9.282001,0.349050,10.014006,88.002480,111.956894

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13.3827209,-3.117000,9.376050,0.298950,9.885109,88.266968,108.389015

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13.4853134,-3.997950,9.486000,0.190950,10.295837,88.937309,112.853378

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13.9329729,-3.301050,9.502050,0.160050,10.060393,89.088448,109.157433

13.9376364,-3.310950,9.514050,0.148050,10.074794,89.158005,109.188217

13.9422979,-3.294000,9.483001,0.136050,10.039734,89.223549,109.155098

13.9469614,-3.325050,9.483001,0.117000,10.049725,89.332939,109.322334

13.9516239,-3.346950,9.459001,0.133950,10.034575,89.235146,109.485695

13.9562883,-3.397050,9.466950,0.126000,10.058776,89.282272,109.739639

13.9609518,-3.450000,9.475950,0.093000,10.084879,89.471626,110.005531

13.9656143,-3.511950,9.481050,0.076050,10.110880,89.569038,110.325531

13.9702787,-3.555000,9.498000,0.052050,10.141634,89.705940,110.520340

13.9749441,-3.583950,9.505051,0.058950,10.158453,89.667511,110.659325

13.9796076,-3.622050,9.511950,0.046950,10.178343,89.735710,110.846306

13.9842710,-3.624000,9.517051,0.049950,10.183817,89.718971,110.846344

13.9889336,-3.615000,9.505051,0.025950,10.169311,89.853790,110.823021

13.9935951,-3.586050,9.462001,0.033000,10.118810,89.813141,110.756454

13.9982605,-3.520950,9.451950,0.043050,10.086541,89.755455,110.430885

14.0029221,-3.439950,9.442950,0.055050,10.050155,89.686157,110.016060

14.0075855,-3.352050,9.454950,0.070950,10.031817,89.594772,109.520874

14.0122499,-3.253050,9.462001,0.057000,10.005751,89.673599,108.973045

14.0169125,-3.150000,9.475950,0.064050,9.986002,89.632507,108.387863

14.0215750,-3.070950,9.469050,0.043050,9.954673,89.752220,107.968628

14.0262394,-2.980050,9.493051,0.064050,9.950016,89.631172,107.428070

14.0309029,-2.892000,9.526051,0.097950,9.955848,89.436287,106.887688

14.0355673,-2.875050,9.547951,0.057000,9.971586,89.672485,106.757942

14.0402298,-2.884950,9.550051,0.033000,9.976347,89.810478,106.808907

14.0448923,-2.908950,9.571951,0.009000,10.004215,89.948456,106.904213

14.0495558,-2.935050,9.567000,0.004050,10.007099,89.976814,107.055435

14.0542183,-2.992050,9.553050,0.037950,10.010723,89.782791,107.390747

14.0588818,-3.055050,9.555000,0.046950,10.031628,89.731842,107.730797

14.0635443,-3.100050,9.514050,0.070950,10.006623,89.593750,108.047638

14.0682058,-3.177000,9.502050,0.114000,10.019745,89.348099,108.487305

14.0728693,-3.238950,9.481050,0.184050,10.020728,88.947594,108.861374

14.0775328,-3.277050,9.454950,0.178950,10.008355,88.975494,109.116127

14.0821962,-3.319950,9.439950,0.184050,10.008427,88.946297,109.376343

14.0868607,-3.342000,9.457050,0.169050,10.031617,89.034424,109.462753

14.0915241,-3.411000,9.463950,0.160050,10.061158,89.088516,109.820198

14.0961866,-3.418950,9.495001,0.166950,10.093172,89.052231,109.802879

14.1008492,-3.426000,9.523951,0.153000,10.122575,89.133957,109.784912

14.1055117,-3.421050,9.568951,0.165000,10.163445,89.069778,109.672768

14.1101761,-3.435000,9.601050,0.174000,10.198513,89.022415,109.685860

14.1148386,-3.427950,9.627001,0.181050,10.220702,88.985008,109.599625

14.1195011,-3.430950,9.601050,0.184050,10.197326,88.965820,109.664429

14.1241646,-3.426000,9.550051,0.189000,10.147742,88.932816,109.735016

14.1288271,-3.435000,9.523951,0.186000,10.126177,88.947517,109.832832

14.1334896,-3.445050,9.462001,0.189000,10.071423,88.924728,110.006226

14.1381512,-3.451950,9.414001,0.177000,10.028494,88.988693,110.137108

14.1428146,-3.487950,9.379951,0.178950,10.009060,88.975563,110.397736

14.1474791,-3.471000,9.355950,0.153000,9.980233,89.121605,110.354546

14.1521416,-3.478050,9.331950,0.138000,9.959978,89.206116,110.440598

14.1568041,-3.483000,9.330001,0.153000,9.960101,89.119827,110.471199

14.1614666,-3.421050,9.346951,0.136050,9.954274,89.216888,110.102982

14.1661291,-3.397050,9.370951,0.148050,9.968781,89.149048,109.926018

14.1707916,-3.349050,9.411000,0.106950,9.989719,89.386581,109.588890

14.1754541,-3.319950,9.411000,0.093000,9.979862,89.466064,109.431480

14.1801167,-3.304050,9.414001,0.106950,9.977554,89.385834,109.339645

14.1847801,-3.274950,9.462001,0.102000,10.013249,89.416344,109.091560

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14.1941061,-3.304050,9.475950,0.082950,10.035799,89.526421,109.222511

14.1987696,-3.346950,9.493051,0.079050,10.066098,89.550049,109.421043

14.2034302,-3.394950,9.502050,0.093000,10.090754,89.471931,109.661102

14.2080936,-3.462000,9.514050,0.094950,10.124803,89.462677,109.995583

14.2127571,-3.486000,9.534000,0.138000,10.152261,89.221153,110.084373

14.2174206,-3.505050,9.529051,0.169050,10.154643,89.046120,110.194923

14.2220850,-3.511950,9.505051,0.190950,10.134902,88.920433,110.278389

14.2267466,-3.526050,9.459001,0.226950,10.097387,88.712105,110.444046

14.2314100,-3.510000,9.406950,0.262950,10.043901,88.499825,110.461975

14.2360735,-3.514050,9.328051,0.292050,9.972281,88.321785,110.642326

14.2407370,-3.498000,9.307950,0.301050,9.948093,88.265846,110.596611

14.2454004,-3.486000,9.289050,0.325050,9.926949,88.123558,110.570137

14.2500639,-3.462000,9.280050,0.319950,9.909952,88.149841,110.458450

14.2547274,-3.466050,9.274950,0.322950,9.906690,88.131874,110.490723

14.2593918,-3.462000,9.310950,0.316050,9.938768,88.177704,110.396156

14.2640553,-3.475950,9.358951,0.294000,9.987924,88.313225,110.375191

14.2687187,-3.481050,9.397051,0.298950,10.025550,88.291252,110.326683

14.2733831,-3.469050,9.454950,0.286950,10.075354,88.367973,110.148239

14.2780457,-3.498000,9.511950,0.282000,10.138675,88.406151,110.190895

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14.2873716,-3.499950,9.550051,0.268050,10.174722,88.490387,110.127129

14.2920361,-3.474000,9.547951,0.280050,10.164176,88.421150,109.993805

14.2967014,-3.466050,9.531000,0.307950,10.146344,88.260757,109.984337

14.3013639,-3.418950,9.493051,0.301050,10.094447,88.290993,109.806633

14.3060284,-3.397050,9.451950,0.292050,10.048115,88.334457,109.768539

14.3106928,-3.358950,9.418950,0.319950,10.005075,88.167442,109.627060

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14.3200178,-3.310950,9.388050,0.339000,9.960562,88.049606,109.426575

14.3246813,-3.270000,9.388050,0.307950,9.946015,88.225716,109.204002

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14.3340092,-3.190950,9.406950,0.270000,9.937091,88.443031,108.737549

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14.3433352,-3.142950,9.438001,0.184050,9.949265,88.940033,108.418282

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14.3619852,-3.210000,9.507001,0.069000,10.034536,89.606018,108.657043

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14.3713131,-3.271950,9.471001,0.009000,10.020259,89.948540,109.058517

14.3759756,-3.322950,9.474000,0.001950,10.039854,89.988869,109.328026

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14.3992920,-3.430950,9.519000,0.085950,10.118802,89.513321,109.820778

14.4039564,-3.435000,9.514050,0.102000,10.115670,89.422256,109.851860

14.4086189,-3.430950,9.514050,0.141000,10.114764,89.201271,109.830284

14.4132814,-3.421050,9.499950,0.154950,10.098349,89.120811,109.804581

14.4179449,-3.427950,9.481050,0.177000,10.083278,88.994186,109.877861

14.4226093,-3.390000,9.474000,0.174000,10.063749,89.009315,109.688301

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14.4365978,-3.361050,9.454950,0.093000,10.035008,89.469002,109.569305

14.4412603,-3.316050,9.471001,0.088050,10.035128,89.497269,109.296509

14.4459248,-3.301050,9.478050,0.100050,10.036951,89.428856,109.202393

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14.4552498,-3.256050,9.499950,0.138000,10.043404,89.212708,108.918839

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14.4645758,-3.282000,9.490050,0.133950,10.042437,89.235741,109.077225

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14.4785662,-3.378000,9.442950,0.202950,10.031021,88.840698,109.683510

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14.5065460,-3.579000,9.411000,0.277050,10.072384,88.423828,110.821793

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14.5485163,-3.387000,9.490050,0.250950,10.079474,88.573349,109.641487

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14.5951500,-3.325050,9.457050,0.165000,10.025915,89.057022,109.371414

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14.6790876,-3.391950,9.478050,0.166950,10.068100,89.049873,109.690979

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14.7676907,-3.325050,9.423000,0.160050,9.993724,89.082367,109.436172

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14.7770166,-3.237000,9.454950,0.121950,9.994455,89.300873,108.899170

14.7816820,-3.174000,9.478050,0.106950,9.995956,89.386963,108.514618

14.7863445,-3.130950,9.495001,0.070950,9.998146,89.593407,108.249832

14.7910080,-3.124050,9.529051,0.067050,10.028310,89.616913,108.151466

14.7956715,-3.097950,9.538051,0.052050,10.028680,89.702629,107.993752

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14.8096600,-3.133950,9.486000,0.150000,9.991414,89.139793,108.282333

14.8143244,-3.174000,9.481050,0.150000,9.999355,89.140472,108.509155

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14.8283138,-3.337050,9.486000,0.186000,10.057570,88.940338,109.381203

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14.8469677,-3.382950,9.435000,0.174000,10.024663,89.005455,109.725464

14.8516302,-3.370950,9.418950,0.172050,10.005475,89.014717,109.691795

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17.6587067,-3.244050,9.285001,0.901950,9.876671,84.760376,109.258705

17.6633701,-3.148050,9.270000,0.861000,9.827739,84.973923,108.757256

17.6680355,-3.061950,9.270000,0.802050,9.795496,85.303391,108.278770

17.6726971,-3.004050,9.274950,0.742050,9.777507,85.647430,107.946548

17.6773624,-2.976000,9.285001,0.703050,9.775587,85.875786,107.771538

17.6820259,-3.009000,9.310950,0.700950,9.810159,85.902641,107.909164

17.6866894,-3.067050,9.373051,0.723000,9.888559,85.807091,108.119133

17.6913528,-3.141000,9.433050,0.744000,9.970048,85.720406,108.416634

17.6960144,-3.241050,9.519000,0.742050,10.082976,85.779541,108.802795

17.7006779,-3.387000,9.580951,0.744000,10.189206,85.812622,109.469215

17.7053413,-3.526050,9.651000,0.730050,10.300864,85.935890,110.070076

17.7100029,-3.675000,9.691951,0.712950,10.389794,86.065262,110.765755

17.7146664,-3.832950,9.699000,0.675000,10.450729,86.296761,111.563446

17.7193298,-3.973950,9.684000,0.592950,10.484452,86.757896,112.311409

17.7239933,-4.078950,9.628950,0.535950,10.470996,87.066078,112.958160

17.7286568,-4.153950,9.531000,0.483000,10.408101,87.340164,113.549294

17.7333202,-4.185000,9.433050,0.391950,10.327163,87.824913,113.924606

17.7379818,-4.138950,9.337050,0.361050,10.219676,87.975380,113.906868

17.7426453,-4.081950,9.261001,0.334950,10.126235,88.104454,113.786339

17.7473087,-3.996000,9.160050,0.262950,9.997184,88.492805,113.568863

17.7519722,-3.904950,9.103050,0.232050,9.907977,88.657982,113.217957

17.7566338,-3.799050,9.091050,0.280050,9.856896,88.371918,112.679512

17.7612972,-3.720000,9.115050,0.306000,9.849679,88.219704,112.201172

17.7659607,-3.619950,9.186001,0.322950,9.878813,88.126602,111.508034

17.7706242,-3.577050,9.286950,0.378000,9.959198,87.824821,111.065163

17.7752857,-3.553050,9.376050,0.378000,10.033812,87.841003,110.754181

17.7799511,-3.583950,9.430950,0.378000,10.096059,87.854324,110.807793

17.7846127,-3.601050,9.438001,0.394950,10.109372,87.761017,110.884254

17.7892761,-3.619950,9.427951,0.414000,10.107507,87.652527,111.004761

17.7939396,-3.604950,9.378000,0.403950,10.055135,87.697609,111.027008

17.7986012,-3.567000,9.310950,0.409050,9.979209,87.650772,110.961700

17.8032627,-3.532950,9.261001,0.469050,9.923099,87.290703,110.881195

17.8079262,-3.447000,9.285001,0.562050,9.920129,86.752022,110.367142

17.8125896,-3.361050,9.349051,0.643950,9.955706,86.291435,109.773872

17.8172531,-3.270000,9.414001,0.658050,9.987459,86.222183,109.154930

17.8219166,-3.217050,9.475950,0.628950,10.026895,86.403687,108.752159

17.8265781,-3.166950,9.523951,0.603000,10.054790,86.561829,108.393250

17.8312416,-3.150000,9.555000,0.547950,10.075752,86.882545,108.245857

17.8359051,-3.202950,9.526051,0.508950,10.062980,87.100945,108.584221

17.8405685,-3.258000,9.490050,0.418950,10.042467,87.609047,108.947701

17.8452320,-3.304050,9.445050,0.378000,10.013421,87.836609,109.280762

17.8498936,-3.394950,9.355950,0.358950,9.959334,87.934525,109.944084

17.8545570,-3.462000,9.285001,0.343950,9.915391,88.012100,110.448448

17.8592186,-3.514050,9.213000,0.343950,9.866419,88.002228,110.877998

17.8638821,-3.544950,9.130950,0.342000,9.800913,88.000275,111.217934

17.8685455,-3.556950,9.097950,0.378000,9.775862,87.784012,111.353592

17.8732090,-3.550050,9.105000,0.382950,9.780109,87.755951,111.300865

17.8778725,-3.538050,9.160050,0.379950,9.826937,87.784157,111.118950

17.8825359,-3.519000,9.265051,0.402000,9.918979,87.677261,110.797501

17.8871994,-3.520950,9.358951,0.358950,10.005793,87.944115,110.616905

17.8918629,-3.565050,9.490050,0.307950,10.142262,88.260056,110.589287

17.8965244,-3.616950,9.555000,0.270000,10.220238,88.486176,110.733658

17.9011879,-3.724950,9.583950,0.268050,10.285874,88.506699,111.239380

17.9058514,-3.792000,9.559951,0.270000,10.288092,88.496162,111.635986

17.9105129,-3.871050,9.550051,0.262950,10.308135,88.538284,112.064850

17.9151764,-3.909000,9.499950,0.270000,10.276295,88.494431,112.365982

17.9198399,-3.901950,9.411000,0.283950,10.191799,88.403496,112.519676

17.9245014,-3.885000,9.319950,0.280050,10.101145,88.411293,112.628708

17.9291668,-3.808950,9.253051,0.277050,10.010185,88.414032,112.374153

17.9338303,-3.703050,9.186001,0.334950,9.909964,88.063072,111.955292

17.9384937,-3.603000,9.133950,0.391950,9.826713,87.714081,111.527374

17.9431553,-3.478050,9.160050,0.454050,9.808645,87.346786,110.791656

17.9478207,-3.411000,9.178950,0.498000,9.804899,87.088638,110.385628

17.9524841,-3.378000,9.220051,0.502050,9.832206,87.073105,110.121597

17.9571457,-3.370950,9.289050,0.481050,9.893491,87.213013,109.945587

17.9618092,-3.445050,9.304050,0.454050,9.931762,87.379700,110.318291

17.9664745,-3.507000,9.340051,0.442050,9.986542,87.462997,110.580139

17.9711380,-3.589050,9.342000,0.418950,10.016475,87.602844,111.015991

17.9758015,-3.636000,9.319950,0.406950,10.012371,87.670586,111.312294

17.9804649,-3.652950,9.282001,0.387000,9.982452,87.778198,111.482216

17.9851284,-3.658050,9.261001,0.402000,9.965394,87.688087,111.553780

17.9897938,-3.639000,9.238951,0.399000,9.937794,87.698967,111.498283

17.9944572,-3.604950,9.262951,0.382950,9.947089,87.793640,111.264961

17.9991207,-3.538050,9.289050,0.418950,9.948858,87.586540,110.851036

18.0037823,-3.481050,9.337050,0.394950,9.972673,87.730309,110.446518

18.0084457,-3.439950,9.385051,0.415950,10.004272,87.617111,110.129654

18.0131092,-3.435000,9.423000,0.433050,10.038909,87.527657,110.028496

18.0177727,-3.462000,9.469050,0.450000,10.092118,87.444374,110.083031

18.0224361,-3.487950,9.507001,0.447000,10.136501,87.472549,110.147194

18.0271015,-3.547950,9.519000,0.447000,10.168535,87.480515,110.441582

18.0317631,-3.615000,9.499950,0.442050,10.174119,87.509804,110.833237

18.0364265,-3.696000,9.450001,0.451950,10.157125,87.449730,111.361023

18.0410919,-3.739050,9.402000,0.463950,10.128839,87.374657,111.687057

18.0457554,-3.772950,9.325050,0.487950,10.071238,87.222939,112.028442

18.0504189,-3.766050,9.261001,0.520950,10.011026,87.017120,112.129456

18.0550842,-3.760950,9.225000,0.553050,9.977537,86.822495,112.180283

18.0597439,-3.720000,9.189000,0.553050,9.928846,86.806892,112.039673

18.0644073,-3.655950,9.178950,0.565050,9.896382,86.726822,111.717255

18.0690708,-3.604950,9.198001,0.568950,9.895584,86.703941,111.401581

18.0737343,-3.523950,9.201000,0.568950,9.869161,86.695107,110.956657

18.0783978,-3.466050,9.262951,0.532950,9.904534,86.915497,110.515053

18.0830612,-3.391950,9.301050,0.507000,9.913219,87.068398,110.036133

18.0877247,-3.354000,9.330001,0.462000,9.925305,87.332047,109.772774

18.0923882,-3.334950,9.358951,0.447000,9.945434,87.423958,109.612915

18.0970535,-3.354000,9.364051,0.418950,9.955415,87.588127,109.706421

18.1017170,-3.342000,9.390000,0.390000,9.974627,87.759209,109.591179

18.1063786,-3.370950,9.414001,0.355950,10.005669,87.961281,109.701347

18.1110439,-3.421050,9.438001,0.355950,10.045205,87.969307,109.924370

18.1157055,-3.466050,9.481050,0.358950,10.101122,87.963531,110.081230

18.1203690,-3.529050,9.469050,0.361050,10.111749,87.953766,110.440079

18.1250324,-3.612000,9.493051,0.409050,10.165229,87.693787,110.831261

18.1296940,-3.700950,9.478050,0.451950,10.185024,87.456726,111.329445

18.1343575,-3.781950,9.495001,0.490050,10.232221,87.254890,111.717865

18.1390209,-3.880950,9.502050,0.523950,10.277415,87.077751,112.216721

18.1436844,-3.960000,9.475950,0.550050,10.284833,86.934265,112.680054

18.1483479,-4.033950,9.430950,0.577050,10.273683,86.780128,113.158104

18.1530113,-4.057950,9.376050,0.615000,10.235013,86.555145,113.402939

18.1576748,-4.102950,9.286950,0.640950,10.173124,86.387733,113.835716

18.1623402,-4.122000,9.238951,0.639000,10.136933,86.385857,114.044258

18.1670017,-4.089000,9.178950,0.643950,10.069147,86.333275,114.011818

18.1716652,-4.078950,9.157950,0.616950,10.044229,86.478485,114.008186

18.1763287,-4.036050,9.162001,0.600000,10.029554,86.570335,113.774483

18.1809921,-3.981000,9.178950,0.600000,10.023048,86.568108,113.446846

18.1856537,-3.921000,9.241051,0.615000,10.057310,86.494202,112.991631

18.1903191,-3.885000,9.313050,0.604950,10.109011,86.569221,112.643776

18.1949825,-3.852000,9.397051,0.591000,10.173090,86.669556,112.289505

18.1996460,-3.793950,9.450001,0.538050,10.197356,86.975456,111.874283

18.2043076,-3.771000,9.475950,0.495000,10.210734,87.221306,111.700325

18.2089710,-3.751050,9.493051,0.427950,10.216239,87.599220,111.560783

18.2136364,-3.754050,9.481050,0.378000,10.204220,87.877075,111.601234

18.2182961,-3.732000,9.433050,0.354000,10.150644,88.001427,111.585251

18.2229595,-3.724950,9.415951,0.339000,10.131648,88.082550,111.583755

18.2276230,-3.712950,9.361051,0.346950,10.076489,88.026825,111.635170

18.2322865,-3.703050,9.331950,0.343950,10.045704,88.037895,111.643883

18.2369499,-3.684000,9.286950,0.343950,9.996880,88.028305,111.637520

18.2416134,-3.679950,9.262951,0.346950,9.973198,88.006378,111.666748

18.2462769,-3.670050,9.262951,0.363000,9.970120,87.913467,111.613838

18.2509403,-3.652950,9.256050,0.346950,9.956851,88.003105,111.536942

18.2556038,-3.655950,9.274950,0.331950,9.975012,88.092949,111.513100

18.2602673,-3.631950,9.316051,0.343950,10.004907,88.029892,111.298790

18.2649326,-3.628950,9.342000,0.342000,10.027922,88.045563,111.228928

18.2695942,-3.652950,9.366000,0.334950,10.058738,88.091728,111.306900

18.2742577,-3.651000,9.358951,0.339000,10.051601,88.067276,111.311150

18.2789211,-3.667950,9.352051,0.325050,10.050889,88.146706,111.415512

18.2835846,-3.660000,9.319950,0.334950,10.018446,88.084053,111.440231

18.2882481,-3.672000,9.273001,0.318000,9.978640,88.173782,111.602989

18.2929115,-3.664950,9.250951,0.328050,9.955881,88.111740,111.611992

18.2975750,-3.631950,9.246000,0.325050,9.939076,88.125847,111.445549

18.3022385,-3.595950,9.238951,0.325050,9.919412,88.122131,111.266800

18.3069019,-3.598050,9.241051,0.306000,9.921523,88.232597,111.273705

18.3115654,-3.555000,9.277050,0.318000,9.939960,88.166679,110.967018

18.3162289,-3.532950,9.331950,0.325050,9.983622,88.134216,110.735985

18.3208885,-3.517050,9.388050,0.328050,10.030591,88.125809,110.537483

18.3255539,-3.529050,9.433050,0.310950,10.076374,88.231613,110.511604

18.3302174,-3.577050,9.457050,0.301050,10.115419,88.294540,110.718704

18.3348827,-3.607950,9.466950,0.316050,10.136091,88.213188,110.862350

18.3395462,-3.646050,9.457050,0.328050,10.140862,88.146194,111.083534

18.3442097,-3.712950,9.426001,0.325050,10.136130,88.162300,111.499733

18.3488731,-3.763050,9.390000,0.325050,10.121181,88.159584,111.838486

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18.3582001,-3.841950,9.322950,0.375000,10.090521,87.870193,112.396362

18.3628654,-3.853950,9.286950,0.399000,10.062782,87.727562,112.537743

18.3675270,-3.852000,9.268050,0.387000,10.044125,87.791847,112.568817

18.3721924,-3.820950,9.220051,0.399000,9.988403,87.710632,112.509972

18.3768559,-3.808950,9.210000,0.438000,9.976174,87.483643,112.468361

18.3815174,-3.748950,9.244050,0.430050,9.984590,87.531425,112.075150

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18.3908463,-3.687000,9.322950,0.421050,10.034374,87.595116,111.577591

18.3955097,-3.676950,9.343950,0.397050,10.049230,87.735626,111.480202

18.4001732,-3.675000,9.378000,0.349050,10.078410,88.015251,111.398949

18.4048367,-3.652950,9.379951,0.337050,10.071798,88.082253,111.278046

18.4095001,-3.667950,9.411000,0.319950,10.105600,88.185677,111.293419

18.4141636,-3.648000,9.399000,0.342000,10.087917,88.057190,111.212547

18.4188271,-3.648000,9.414001,0.322950,10.101268,88.167870,111.181747

18.4234905,-3.634050,9.418950,0.307950,10.100385,88.252838,111.097778

18.4281521,-3.636000,9.445050,0.271950,10.124398,88.460800,111.054886

18.4328175,-3.631950,9.430950,0.268050,10.109685,88.480675,111.062180

18.4374790,-3.636000,9.466950,0.238950,10.144001,88.650230,111.010437

18.4421425,-3.667950,9.439950,0.205050,10.129588,88.840103,111.233940

18.4468040,-3.687000,9.438001,0.186000,10.134319,88.948364,111.338341

18.4514675,-3.696000,9.426001,0.189000,10.126481,88.930573,111.410492

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18.4607944,-3.742050,9.382951,0.226950,10.104168,88.712967,111.742798

18.4654579,-3.768000,9.349051,0.214950,10.082102,88.778366,111.951187

18.4701214,-3.778050,9.318001,0.232050,10.057467,88.677933,112.070450

18.4747849,-3.799050,9.294001,0.250950,10.043615,88.568260,112.232964

18.4794483,-3.799050,9.249001,0.270000,10.002484,88.453209,112.330528

18.4841118,-3.759000,9.217951,0.271950,9.958648,88.435173,112.185211

18.4887733,-3.735000,9.229051,0.289050,9.960379,88.337044,112.033195

18.4934368,-3.682050,9.268050,0.292050,9.976951,88.322571,111.667145

18.4981003,-3.619950,9.286950,0.298950,9.972004,88.282074,111.295288

18.5027618,-3.589050,9.343950,0.286950,10.013642,88.357910,111.011993

18.5074253,-3.553050,9.426001,0.277050,10.077223,88.424583,110.653503

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18.5167522,-3.532950,9.490050,0.289050,10.130466,88.364975,110.419258

18.5214157,-3.553050,9.514050,0.262950,10.159255,88.516861,110.478294

18.5260792,-3.598050,9.514050,0.274950,10.175398,88.451622,110.715759

18.5307426,-3.648000,9.498000,0.286950,10.178519,88.384521,111.010826

18.5354023,-3.699000,9.454950,0.307950,10.157436,88.262657,111.366615

18.5400658,-3.742050,9.409050,0.307950,10.130548,88.258049,111.688087

18.5447292,-3.784950,9.331950,0.306000,10.074958,88.259529,112.077003

18.5493946,-3.811050,9.316051,0.295950,10.069780,88.315842,112.248703

18.5540562,-3.840000,9.289050,0.337050,10.057119,88.079453,112.459709

18.5587215,-3.864000,9.304050,0.343950,10.080384,88.044647,112.553261

18.5633850,-3.864000,9.322950,0.361050,10.098429,87.951065,112.512108

18.5680485,-3.861000,9.358951,0.334950,10.129634,88.105095,112.418411

18.5727119,-3.853950,9.411000,0.325050,10.174749,88.169273,112.269859

18.5773754,-3.844950,9.427951,0.295950,10.186142,88.335083,112.186844

18.5820351,-3.861000,9.462001,0.268050,10.222946,88.497505,112.198074

18.5866985,-3.865950,9.450001,0.274950,10.213897,88.457458,112.249237

18.5913601,-3.880950,9.418950,0.294000,10.191410,88.346909,112.393448

18.5960236,-3.861000,9.391951,0.318000,10.159586,88.206322,112.347404

18.6006870,-3.844950,9.342000,0.337050,10.107928,88.089111,112.370926

18.6053486,-3.838050,9.274950,0.339000,10.043418,88.065704,112.480171

18.6100121,-3.805950,9.232051,0.307950,9.990539,88.233627,112.404106

18.6146755,-3.799050,9.198001,0.295950,9.956082,88.296600,112.442093

18.6193371,-3.792000,9.186001,0.268050,9.941516,88.454964,112.430939

18.6239986,-3.751050,9.193951,0.259950,9.933110,88.500397,112.195023

18.6286621,-3.700950,9.220051,0.280050,9.939054,88.385376,111.870644

18.6333256,-3.670050,9.232051,0.241050,9.937713,88.610092,111.679482

18.6379890,-3.639000,9.241051,0.201000,9.933767,88.840599,111.493843

18.6426525,-3.651000,9.249001,0.165000,9.944901,89.049339,111.541397

18.6473160,-3.667950,9.256050,0.153000,9.957496,89.119598,111.617233

18.6519775,-3.687000,9.282001,0.150000,9.988594,89.139549,111.663986

18.6566410,-3.720000,9.256050,0.162000,9.976929,89.069618,111.895157

18.6613064,-3.751050,9.249001,0.145950,9.981769,89.162209,112.075645

18.6659679,-3.772950,9.238951,0.177000,9.981216,88.983902,112.213844

18.6706295,-3.804000,9.234000,0.184050,9.988546,88.944199,112.389496

18.6752949,-3.808950,9.241051,0.193050,9.997119,88.893517,112.400337

18.6799564,-3.865950,9.249001,0.217050,10.026799,88.759621,112.684235

18.6846180,-3.889950,9.258000,0.201000,10.044037,88.853325,112.790771

18.6892815,-3.885000,9.285001,0.258000,10.068318,88.531639,112.705254

18.6939449,-3.897000,9.294001,0.292050,10.082180,88.340080,112.748436

18.6986084,-3.895050,9.322950,0.313050,10.108749,88.225365,112.674767

18.7032719,-3.888000,9.310950,0.355950,10.096388,87.979607,112.664093

18.7079334,-3.885000,9.286950,0.373050,10.073720,87.877739,112.700974

18.7125969,-3.850050,9.234000,0.409050,10.012840,87.658669,112.633347

18.7172565,-3.817950,9.205951,0.450000,9.976411,87.414719,112.525070

18.7219181,-3.790050,9.145950,0.493050,9.912416,87.148895,112.508949

18.7265816,-3.766050,9.130950,0.474000,9.888481,87.252502,112.413643

18.7312469,-3.723000,9.148050,0.502050,9.889368,87.090034,112.144951

18.7359104,-3.688950,9.186001,0.499950,9.911655,87.108742,111.879601

18.7405739,-3.660000,9.222000,0.466050,9.932678,87.310646,111.646988

18.7452374,-3.622050,9.322950,0.451950,10.012038,87.412750,111.231598

18.7499027,-3.595950,9.390000,0.451950,10.065148,87.426414,110.954605

18.7545643,-3.574050,9.426001,0.430050,10.090008,87.557236,110.765190

18.7592278,-3.553050,9.475950,0.406950,10.128347,87.697273,110.553757

18.7638893,-3.619950,9.483001,0.378000,10.157472,87.867302,110.893379

18.7685528,-3.622050,9.490050,0.387000,10.165140,87.818146,110.890266

18.7732182,-3.631950,9.462001,0.402000,10.143083,87.728607,110.999092

18.7778797,-3.646050,9.421050,0.397050,10.109773,87.749191,111.156990

18.7825451,-3.684000,9.373051,0.414000,10.079550,87.646011,111.456902

18.7872086,-3.708000,9.319950,0.435000,10.039919,87.516769,111.695442

18.7918701,-3.742050,9.277050,0.439950,10.013000,87.481735,111.967491

18.7965336,-3.771000,9.261001,0.438000,10.008917,87.491882,112.155731

18.8011971,-3.835050,9.258000,0.475950,10.032184,87.280731,112.501381

18.8058605,-3.861000,9.261001,0.466050,10.044435,87.340591,112.631729

18.8105259,-3.904950,9.301050,0.469050,10.098425,87.337776,112.774597

18.8151894,-3.924000,9.310950,0.462000,10.114594,87.382011,112.852470

18.8198509,-3.952050,9.318001,0.435000,10.130797,87.539055,112.983292

18.8245163,-3.984000,9.343950,0.438000,10.167276,87.530968,113.092049

18.8291798,-4.015050,9.354000,0.445050,10.189014,87.496559,113.230629

18.8338432,-4.024050,9.310950,0.442050,10.152940,87.504601,113.373260

18.8385067,-4.027050,9.292050,0.469050,10.138015,87.348183,113.431259

18.8431702,-4.012050,9.244050,0.426000,10.086153,87.579330,113.461533

18.8478336,-4.024050,9.198001,0.426000,10.048764,87.570313,113.628983

18.8524971,-3.981000,9.178950,0.433050,10.014441,87.521614,113.446846

18.8571606,-3.945000,9.160050,0.450000,9.983589,87.416580,113.300308

18.8618259,-3.900000,9.121950,0.438000,9.930348,87.472023,113.148651

18.8664875,-3.897000,9.121950,0.411000,9.928017,87.627388,113.132721

18.8711510,-3.808950,9.157950,0.427950,9.927704,87.529404,112.583275

18.8758125,-3.756000,9.190950,0.394950,9.936654,87.722076,112.228012

18.8804760,-3.718050,9.244050,0.390000,9.971382,87.758476,111.910492

18.8851414,-3.699000,9.306001,0.418950,10.022963,87.604393,111.677101

18.8898029,-3.655950,9.343950,0.409050,10.042047,87.665482,111.368614

18.8944683,-3.628950,9.355950,0.435000,10.044517,87.517906,111.200089

18.8991299,-3.640950,9.366000,0.442050,10.058523,87.481163,111.243156

18.9037914,-3.646050,9.355950,0.466050,10.052098,87.342613,111.291054

18.9084549,-3.675000,9.318001,0.502050,10.029099,87.130615,111.524170

18.9131203,-3.700950,9.274950,0.495000,9.998338,87.162224,111.753304

18.9177837,-3.756000,9.256050,0.502050,10.001702,87.122749,112.086754

18.9224472,-3.805950,9.250951,0.502050,10.015858,87.126816,112.362846

18.9271088,-3.828000,9.273001,0.499950,10.044505,87.147011,112.431389

18.9317722,-3.897000,9.313050,0.499950,10.107891,87.164917,112.706635

18.9364357,-3.909000,9.349051,0.523950,10.146898,87.040131,112.690651

18.9410973,-3.949950,9.391951,0.507000,10.201366,87.151268,112.810043

18.9457626,-3.981000,9.430950,0.517050,10.249806,87.108498,112.885620

18.9504261,-3.996000,9.439950,0.486000,10.262401,87.285606,112.943298

18.9550896,-4.020000,9.427951,0.469050,10.259954,87.379723,113.092995

18.9597530,-4.005000,9.385051,0.466050,10.214520,87.384903,113.110001

18.9644165,-4.012050,9.346951,0.478050,10.182857,87.309174,113.230766

18.9690781,-3.979050,9.307950,0.475950,10.133967,87.308067,113.146194

18.9737434,-3.955050,9.273001,0.462000,10.091800,87.376099,113.098854

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18.9830685,-3.885000,9.217951,0.411000,10.011632,87.647217,112.853493

18.9877338,-3.868950,9.193951,0.409050,9.983227,87.651718,112.822075

18.9923973,-3.799050,9.189000,0.387000,9.950893,87.771149,112.461891

18.9970608,-3.771000,9.205951,0.358950,9.954839,87.933586,112.275299

19.0017242,-3.780000,9.234000,0.346950,9.983764,88.008492,112.262070

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19.0110512,-3.616950,9.330001,0.358950,10.012997,87.945595,111.189758

19.0157146,-3.607950,9.340051,0.331950,10.018186,88.101173,111.120949

19.0203762,-3.616950,9.352051,0.283950,10.031142,88.377922,111.144218

19.0250397,-3.639000,9.346951,0.283950,10.034363,88.378441,111.272202

19.0297012,-3.672000,9.354000,0.286950,10.053021,88.364349,111.432953

19.0343647,-3.706050,9.340051,0.294000,10.052751,88.324104,111.642746

19.0390282,-3.699000,9.330001,0.304050,10.041114,88.264786,111.626495

19.0436916,-3.712950,9.313050,0.337050,10.031575,88.074562,111.736305

19.0483551,-3.744000,9.297001,0.358950,10.028989,87.948875,111.935165

19.0530186,-3.735000,9.292050,0.366000,10.021297,87.906967,111.897980

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19.0623455,-3.712950,9.289050,0.358950,10.010059,87.944992,111.787209

19.0670090,-3.687000,9.285001,0.370950,9.997141,87.873520,111.657631

19.0716743,-3.684000,9.297001,0.390000,10.007906,87.766663,111.616287

19.0763359,-3.667950,9.322950,0.414000,10.027096,87.633690,111.476280

19.0809975,-3.636000,9.355950,0.411000,10.046055,87.655281,111.237602

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19.0903263,-3.624000,9.382951,0.366000,10.065143,87.916084,111.118179

19.0949898,-3.612000,9.385051,0.390000,10.063688,87.779053,111.050087

19.0996552,-3.612000,9.415951,0.378000,10.092054,87.853470,110.987030

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19.1089840,-3.651000,9.397051,0.330000,10.086787,88.125175,111.232452

19.1136475,-3.663000,9.378000,0.301050,10.072492,88.287270,111.335365

19.1183109,-3.691050,9.355950,0.310950,10.062522,88.229172,111.529915

19.1229744,-3.718050,9.325050,0.301050,10.043460,88.282318,111.737976

19.1276379,-3.724950,9.297001,0.286950,10.019572,88.358887,111.834076

19.1322994,-3.768000,9.277050,0.286950,10.017177,88.358490,112.105202

19.1369629,-3.754050,9.250951,0.289050,9.987820,88.341614,112.087387

19.1416245,-3.756000,9.253051,0.322950,9.991535,88.147743,112.093224

19.1462879,-3.747000,9.246000,0.330000,9.981855,88.105453,112.060562

19.1509514,-3.735000,9.280050,0.322950,10.008689,88.150917,111.923615

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19.1602783,-3.687000,9.354000,0.286950,10.058511,88.365242,111.512520

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19.1696033,-3.672000,9.390000,0.258000,10.085745,88.534180,111.358200

19.1742668,-3.675000,9.394951,0.246000,10.091146,88.603119,111.363823

19.1789303,-3.688950,9.385051,0.256050,10.087274,88.545479,111.458130

19.1835938,-3.712950,9.378000,0.259950,10.089622,88.523659,111.599670

19.1882534,-3.754050,9.349051,0.280050,10.078496,88.407722,111.877609

19.1929169,-3.772950,9.316051,0.310950,10.055876,88.228004,112.047684

19.1975822,-3.805950,9.285001,0.322950,10.039960,88.156677,112.288872

19.2022438,-3.792000,9.250951,0.318000,10.003024,88.178238,112.288910

19.2069092,-3.790050,9.238951,0.307950,9.990871,88.233681,112.304672

19.2115726,-3.760950,9.244050,0.316050,9.984843,88.186111,112.138992

19.2162361,-3.735000,9.258000,0.330000,9.988479,88.106712,111.970863

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19.2255650,-3.687000,9.301050,0.319950,10.010288,88.168396,111.623718

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19.2815189,-3.672000,9.306001,0.319950,10.009376,88.168228,111.533401

19.2861805,-3.676950,9.319950,0.319950,10.024161,88.170929,111.530457

19.2908440,-3.655950,9.330001,0.322950,10.025926,88.154099,111.397675

19.2955074,-3.687000,9.337050,0.307950,10.043372,88.242920,111.547997

19.3001690,-3.694050,9.355950,0.328050,10.064166,88.132065,111.545807

19.3048325,-3.718050,9.364051,0.339000,10.080886,88.072891,111.655838

19.3094959,-3.723000,9.349051,0.354000,10.069300,87.985275,111.713547

19.3141594,-3.771000,9.334950,0.370950,10.074688,87.889893,111.997025

19.3188229,-3.781950,9.304050,0.391950,10.050977,87.765114,112.120972

19.3234863,-3.792000,9.286950,0.399000,10.039219,87.722229,112.210930

19.3281498,-3.814050,9.262951,0.409050,10.025795,87.661697,112.379578

19.3328114,-3.841950,9.268050,0.394950,10.040584,87.745667,112.515816

19.3374729,-3.841950,9.274950,0.397050,10.047035,87.735130,112.500740

19.3421364,-3.835050,9.306001,0.390000,10.072803,87.781059,112.396805

19.3467999,-3.850050,9.313050,0.411000,10.085867,87.664543,112.460388

19.3514614,-3.852000,9.316051,0.406950,10.089217,87.688339,112.464111

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19.3607883,-3.880950,9.376050,0.390000,10.155008,87.799034,112.485725

19.3654499,-3.901950,9.349051,0.378000,10.137694,87.863144,112.653862

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19.3747749,-3.895050,9.304050,0.366000,10.093103,87.921860,112.716148

19.3794365,-3.880950,9.285001,0.328050,10.068795,88.132927,112.683983

19.3841000,-3.883050,9.258000,0.342000,10.045178,88.048920,112.754463

19.3887634,-3.880950,9.234000,0.363000,10.022988,87.924477,112.796486

19.3934250,-3.859050,9.208051,0.343950,9.989933,88.026939,112.738327

19.3980904,-3.844950,9.165000,0.330000,9.944334,88.098305,112.759285

19.4027538,-3.804000,9.172050,0.301050,9.934161,88.263412,112.525658

19.4074173,-3.790050,9.178950,0.286950,9.934785,88.344872,112.436058

19.4120789,-3.747000,9.213000,0.295950,9.950225,88.295601,112.131966

19.4167404,-3.732000,9.258000,0.310950,9.986746,88.215736,111.954895

19.4214039,-3.712950,9.297001,0.307950,10.015740,88.238075,111.770325

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19.4307308,-3.742050,9.364051,0.307950,10.088767,88.250832,111.782578

19.4353943,-3.766050,9.388050,0.331950,10.120712,88.120415,111.858368

19.4400578,-3.792000,9.376050,0.370950,10.120631,87.899475,112.020119

19.4447212,-3.826050,9.366000,0.385050,10.124667,87.820465,112.220222

19.4493828,-3.840000,9.322950,0.378000,10.089890,87.853012,112.386116

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19.4587097,-3.864000,9.262951,0.361050,10.043063,87.939758,112.643250

19.4633732,-3.877950,9.246000,0.370950,10.033175,87.881157,112.754112

19.4680347,-3.856950,9.229051,0.355950,10.008904,87.961945,112.680740

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19.4866848,-3.730050,9.222000,0.310950,9.952650,88.209618,112.022003

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19.4960136,-3.648000,9.220051,0.298950,9.920011,88.273071,111.586700

19.5006771,-3.624000,9.217951,0.280050,9.908705,88.380432,111.462067

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19.5100002,-3.604950,9.250951,0.253050,9.931757,88.540009,111.290077

19.5146637,-3.627000,9.270000,0.280050,9.958236,88.388489,111.368523

19.5193272,-3.643950,9.297001,0.292050,9.989890,88.324745,111.402649

19.5239906,-3.676950,9.318001,0.313050,10.022131,88.210022,111.534546

19.5286541,-3.708000,9.370951,0.334950,10.083461,88.096413,111.588257

19.5333195,-3.781950,9.390000,0.334950,10.128546,88.104889,111.937782

19.5379810,-3.829950,9.397051,0.354000,10.153738,88.002037,112.174301

19.5426445,-3.873000,9.411000,0.342000,10.182535,88.075249,112.369110

19.5473080,-3.916950,9.399000,0.394950,10.190176,87.778778,112.623505

19.5519714,-3.936000,9.358951,0.427950,10.161948,87.586388,112.809677

19.5566368,-3.955050,9.325050,0.423000,10.137945,87.608673,112.983345

19.5612965,-3.955050,9.297001,0.442050,10.112966,87.494736,113.045456

19.5659599,-3.945000,9.261001,0.426000,10.075249,87.576706,113.073029

19.5706215,-3.921000,9.250951,0.427950,10.056713,87.561119,112.969582

19.5752850,-3.888000,9.250951,0.430050,10.043983,87.546036,112.796097

19.5799484,-3.847050,9.238951,0.399000,10.015848,87.716911,112.606590

19.5846119,-3.823050,9.285001,0.375000,10.048263,87.861229,112.379158

19.5892754,-3.763050,9.306001,0.331950,10.043525,88.105965,112.016838

19.5939388,-3.732000,9.343950,0.318000,10.066696,88.189766,111.771904

19.5986023,-3.712950,9.343950,0.286950,10.058716,88.365273,111.671097

19.6032639,-3.688950,9.346951,0.289050,10.052731,88.352325,111.537605

19.6079254,-3.672000,9.346951,0.250950,10.045499,88.568527,111.447647

19.6125889,-3.694050,9.373051,0.238950,10.077559,88.641327,111.510094

19.6172523,-3.708000,9.325050,0.217050,10.037577,88.760956,111.684677

19.6219158,-3.751050,9.313050,0.217050,10.042430,88.761551,111.938271

19.6265793,-3.784950,9.304050,0.198000,10.046412,88.870712,112.136826

19.6312428,-3.808950,9.286950,0.222000,10.040161,88.733017,112.300499

19.6359043,-3.816000,9.282001,0.229050,10.038419,88.692551,112.348457

19.6405697,-3.808950,9.270000,0.214950,10.024331,88.771324,112.337273

19.6452332,-3.771000,9.249001,0.229050,9.990842,88.686325,112.181694

19.6498966,-3.756000,9.270000,0.232050,10.004713,88.670959,112.056709

19.6545601,-3.711000,9.270000,0.213000,9.987482,88.777977,111.817390

19.6592216,-3.660000,9.294001,0.237000,9.991508,88.640808,111.494644

19.6638832,-3.616950,9.322950,0.270000,10.003631,88.453384,111.204361

19.6685467,-3.601050,9.334950,0.253050,10.008640,88.551231,111.094620

19.6732101,-3.580950,9.361051,0.271950,10.026287,88.445732,110.933716

19.6778736,-3.601050,9.355950,0.306000,10.029706,88.251671,111.051422

19.6825371,-3.639000,9.379951,0.330000,10.066514,88.121399,111.204018

19.6871986,-3.699000,9.364051,0.328050,10.073513,88.133797,111.555077

19.6918640,-3.759000,9.349051,0.342000,10.082252,88.056099,111.903725

19.6965275,-3.804000,9.349051,0.346950,10.099284,88.031281,112.140732

19.7011871,-3.841950,9.354000,0.354000,10.118459,87.995064,112.329330

19.7058506,-3.868950,9.331950,0.379950,10.109324,87.846085,112.518494

19.7105141,-3.877950,9.358951,0.385050,10.137885,87.823311,112.507034

19.7151775,-3.885000,9.366000,0.403950,10.147825,87.718651,112.528587

19.7198429,-3.895050,9.391951,0.418950,10.176230,87.640495,112.524872

19.7245045,-3.876000,9.399000,0.402000,10.174782,87.735687,112.410484

19.7291660,-3.861000,9.418950,0.387000,10.186938,87.822823,112.289619

19.7338295,-3.859050,9.426001,0.387000,10.192719,87.824051,112.264427

19.7384930,-3.859050,9.406950,0.363000,10.174220,87.955345,112.305099

19.7431564,-3.880950,9.397051,0.331950,10.172341,88.129959,112.440460

19.7478199,-3.909000,9.388050,0.328050,10.174644,88.152351,112.605888

19.7524815,-3.945000,9.367950,0.306000,10.169325,88.275681,112.836769

19.7571449,-3.973950,9.349051,0.298950,10.162992,88.314369,113.028625

19.7618084,-4.005000,9.318001,0.271950,10.145892,88.464066,113.258675

19.7664700,-3.997950,9.298950,0.277050,10.125751,88.432137,113.264595

19.7711334,-3.979050,9.313050,0.274950,10.131207,88.444862,113.134857

19.7757969,-3.969000,9.313050,0.258000,10.126818,88.540123,113.082550

19.7804604,-3.936000,9.331950,0.249000,10.131110,88.591660,112.868889

19.7851219,-3.912000,9.340051,0.241050,10.129087,88.636360,112.725952

19.7897816,-3.883050,9.343950,0.225000,10.121172,88.726173,112.566223

19.7944450,-3.864000,9.343950,0.201000,10.113373,88.861191,112.466545

19.7991085,-3.835050,9.331950,0.210000,10.091433,88.807602,112.340660

19.8037720,-3.793950,9.318001,0.184050,10.062459,88.951958,112.154358

19.8084354,-3.768000,9.273001,0.177000,10.010879,88.986916,112.113922

19.8130989,-3.724950,9.246000,0.186000,9.969873,88.931015,111.943100

19.8177624,-3.699000,9.241051,0.154950,9.955081,89.108162,111.815193

19.8224239,-3.696000,9.250951,0.142950,9.962978,89.177887,111.778015

19.8270874,-3.664950,9.273001,0.124050,9.971749,89.287216,111.565323

19.8317509,-3.652950,9.322950,0.154950,10.014263,89.113434,111.396408

19.8364143,-3.658050,9.352051,0.142950,10.043038,89.184441,111.362930

19.8410759,-3.652950,9.364051,0.130950,10.052197,89.253586,111.310936

19.8457394,-3.682050,9.382951,0.130950,10.080398,89.255676,111.425995

19.8504028,-3.684000,9.397051,0.138000,10.094328,89.216682,111.407066

19.8550663,-3.723000,9.388050,0.130950,10.100166,89.257133,111.631691

19.8597298,-3.756000,9.385051,0.124050,10.109506,89.296928,111.811829

19.8643932,-3.768000,9.352051,0.126000,10.083380,89.284027,111.944817

19.8690567,-3.772950,9.313050,0.121950,10.049026,89.304672,112.054100

19.8737183,-3.780000,9.274950,0.148050,10.016737,89.153122,112.173325

19.8783817,-3.751050,9.265051,0.150000,9.996702,89.140251,112.041061

19.8830452,-3.748950,9.225000,0.162000,9.958991,89.067947,112.116348

19.8877068,-3.730050,9.222000,0.169050,9.949228,89.026428,112.022003

19.8923702,-3.712950,9.222000,0.193050,9.943267,88.887527,111.930641

19.8970337,-3.715050,9.234000,0.178950,9.954917,88.969994,111.916054

19.9016972,-3.684000,9.256050,0.189000,9.964038,88.913139,111.703049

19.9063587,-3.682050,9.301050,0.205050,10.005452,88.825706,111.597359

19.9110222,-3.699000,9.304050,0.198000,10.014348,88.867096,111.681229

19.9156857,-3.712950,9.310950,0.189000,10.025743,88.919823,111.740753

19.9203491,-3.720000,9.325050,0.172050,10.041143,89.018219,111.748314

19.9250145,-3.732000,9.331950,0.166950,10.051915,89.048340,111.797279

19.9296780,-3.763050,9.346951,0.169050,10.077431,89.038811,111.929543

19.9343376,-3.778050,9.331950,0.165000,10.069071,89.061066,112.040619

19.9389992,-3.775050,9.343950,0.157950,10.078957,89.102066,111.999207

19.9436646,-3.763050,9.328051,0.174000,10.059987,89.008949,111.969749

19.9483261,-3.744000,9.319950,0.162000,10.045161,89.075943,111.886261

19.9529896,-3.715050,9.301050,0.196050,10.017464,88.878601,111.772888

19.9576530,-3.712950,9.286950,0.213000,10.003941,88.779991,111.791679

19.9623146,-3.720000,9.289050,0.220050,10.008660,88.740196,111.824699

19.9669781,-3.715050,9.316051,0.213000,10.031738,88.783371,111.741104

19.9716415,-3.739050,9.322950,0.220050,10.047205,88.745033,111.853683

19.9763050,-3.756000,9.343950,0.232050,10.073272,88.680008,111.898712

19.9809685,-3.792000,9.343950,0.222000,10.086524,88.738846,112.088501

19.9856319,-3.847050,9.337050,0.244050,10.101479,88.615608,112.392632

19.9902954,-3.885000,9.331950,0.238950,10.111163,88.645844,112.602531

19.9949589,-3.912000,9.310950,0.213000,10.101629,88.791786,112.789734

19.9996204,-3.928950,9.285001,0.181050,10.083683,88.971214,112.935661

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20.0089455,-3.945000,9.256050,0.186000,10.063403,88.940956,113.084076

20.0136089,-3.952050,9.262951,0.165000,10.072148,89.061348,113.105583

20.0182743,-3.901950,9.229051,0.186000,10.021736,88.936546,112.918152

20.0229378,-3.883050,9.238951,0.162000,10.023100,89.073906,112.796593

20.0276012,-3.856950,9.246000,0.166950,10.019604,89.045273,112.643356

20.0322628,-3.847050,9.241051,0.172050,10.011314,89.015289,112.601967

20.0369244,-3.817950,9.253051,0.181050,10.011417,88.963783,112.421791

20.0415878,-3.805950,9.285001,0.184050,10.036452,88.949242,112.288872

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20.0649052,-3.829950,9.330001,0.193050,10.087354,88.903419,112.318069

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20.0742283,-3.838050,9.304050,0.225000,10.067105,88.719330,112.416832

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20.1115341,-3.852000,9.343950,0.274950,10.110535,88.441681,112.403679

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20.1348476,-3.877950,9.331950,0.229050,10.108228,88.701584,112.565636

20.1395092,-3.859050,9.318001,0.201000,10.087507,88.858269,112.496895

20.1441727,-3.841950,9.280050,0.178950,10.045493,88.979279,112.489609

20.1488342,-3.804000,9.273001,0.181050,10.024556,88.965141,112.304581

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20.1581612,-3.742050,9.261001,0.177000,9.990015,88.984795,112.001930

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20.1721478,-3.555000,9.273001,0.160050,9.932381,89.076698,110.975380

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20.3819847,-3.924000,9.318001,0.337050,10.116152,88.090668,112.836952

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20.3913078,-3.924000,9.304050,0.283950,10.101671,88.389252,112.867676

20.3959713,-3.940050,9.282001,0.246000,10.086627,88.602493,113.000389

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20.4146233,-3.957000,9.232051,0.069000,10.044570,89.606407,113.200722

20.4192848,-3.945000,9.244050,0.049950,10.050770,89.715256,113.110901

20.4239483,-3.936000,9.265051,0.070950,10.066692,89.596176,113.016869

20.4286118,-3.909000,9.280050,0.058950,10.069910,89.664581,112.842102

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20.4519253,-3.828000,9.304050,0.093000,10.061193,89.470383,112.363922

20.4565868,-3.832950,9.292050,0.085950,10.051920,89.510078,112.416039

20.4612503,-3.814050,9.280050,0.117000,10.033942,89.331894,112.342400

20.4659157,-3.805950,9.285001,0.114000,10.035412,89.349121,112.288872

20.4705772,-3.799050,9.268050,0.138000,10.017413,89.210670,112.289131

20.4752407,-3.778050,9.285001,0.129000,10.025046,89.262711,112.141319

20.4799023,-3.780000,9.297001,0.141000,10.037057,89.195084,112.125809

20.4845638,-3.772950,9.285001,0.141000,10.023287,89.193977,112.114311

20.4892273,-3.756000,9.301050,0.133950,10.031701,89.234924,111.990105

20.4938889,-3.735000,9.328051,0.133950,10.048915,89.236237,111.821419

20.4985523,-3.715050,9.354000,0.142950,10.065751,89.186279,111.661079

20.5032158,-3.712950,9.378000,0.124050,10.087035,89.295364,111.599670

20.5078773,-3.720000,9.397051,0.133950,10.107468,89.240662,111.597076

20.5125408,-3.747000,9.406950,0.145950,10.126797,89.174210,111.718506

20.5172043,-3.759000,9.379951,0.136050,10.106041,89.228645,111.838364

20.5218658,-3.787050,9.340051,0.165000,10.079956,89.062080,112.070763

20.5265293,-3.793950,9.280050,0.154950,10.026834,89.114540,112.236145

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20.5358562,-3.835050,9.226951,0.198000,9.994170,88.864807,112.569511

20.5405197,-3.861000,9.241051,0.225000,10.017733,88.713020,112.675644

20.5451813,-3.853950,9.225000,0.225000,10.000210,88.710762,112.673828

20.5498447,-3.861000,9.249001,0.238950,10.025390,88.634254,112.658127

20.5545082,-3.841950,9.261001,0.246000,10.029319,88.594505,112.531242

20.5591717,-3.844950,9.310950,0.256050,10.076855,88.543976,112.438141

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20.5731583,-3.817950,9.366000,0.214950,10.116566,88.782524,112.177742

20.5778217,-3.820950,9.379951,0.181050,10.129951,88.975914,112.163666

20.5824833,-3.832950,9.388050,0.169050,10.141773,89.044914,112.209198

20.5871468,-3.852000,9.367950,0.145950,10.130040,89.174477,112.351936

20.5918102,-3.865950,9.346951,0.157950,10.116126,89.105362,112.470261

20.5964737,-3.888000,9.331950,0.121950,10.110229,89.308876,112.618233

20.6011372,-3.885000,9.285001,0.118950,10.065715,89.322899,112.705254

20.6058006,-3.883050,9.258000,0.121950,10.040095,89.304054,112.754463

20.6104603,-3.859050,9.256050,0.114000,10.028944,89.348701,112.632324

20.6151237,-3.841950,9.213000,0.105000,9.982533,89.397331,112.636818

20.6197853,-3.828000,9.214951,0.133950,9.979321,89.230911,112.558578

20.6244488,-3.796950,9.210000,0.133950,9.962875,89.229637,112.404587

20.6291122,-3.768000,9.196051,0.126000,9.938866,89.273613,112.280930

20.6337757,-3.744000,9.246000,0.138000,9.976227,89.207405,112.044594

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20.6477661,-3.759000,9.342000,0.153000,10.071070,89.129524,111.918686

20.6524296,-3.766050,9.346951,0.160050,10.078404,89.090080,111.945366

20.6570892,-3.790050,9.354000,0.133950,10.093550,89.239616,112.056786

20.6617527,-3.799050,9.337050,0.118950,10.081044,89.323929,112.140381

20.6664162,-3.828000,9.319950,0.142950,10.076482,89.187149,112.329514

20.6710796,-3.844950,9.313050,0.157950,10.076779,89.101875,112.433586

20.6757431,-3.841950,9.307950,0.153000,10.070845,89.129509,112.428879

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20.6897335,-3.826050,9.250951,0.157950,10.012177,89.096077,112.469231

20.6943951,-3.796950,9.250951,0.184050,10.001540,88.945572,112.315155

20.6990585,-3.754050,9.268050,0.148050,10.000578,89.151756,112.050552

20.7037182,-3.736950,9.285001,0.165000,10.010158,89.055534,111.923386

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20.7130451,-3.688950,9.331950,0.174000,10.036131,89.006592,111.569046

20.7177086,-3.691050,9.343950,0.165000,10.047909,89.059082,111.555023

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20.7270336,-3.718050,9.352051,0.160050,10.065306,89.088890,111.681046

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20.7363548,-3.756000,9.285001,0.142950,10.016946,89.182312,112.024483

20.7410164,-3.775050,9.277050,0.157950,10.016967,89.096512,112.142563

20.7456799,-3.814050,9.265051,0.160050,10.020667,89.084831,112.375000

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20.7643299,-3.852000,9.270000,0.181050,10.040099,88.966743,112.564545

20.7689915,-3.850050,9.277050,0.157950,10.045471,89.099075,112.538841

20.7736530,-3.844950,9.273001,0.186000,10.040258,88.938515,112.520821

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20.7829781,-3.856950,9.261001,0.196050,10.033975,88.880447,112.610374

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20.7923050,-3.868950,9.244050,0.198000,10.022996,88.868073,112.710976

20.7969666,-3.853950,9.208051,0.165000,9.983404,89.053001,112.711327

20.8016300,-3.873000,9.190950,0.160050,9.974935,89.080635,112.850204

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20.8109570,-3.897000,9.201000,0.145950,9.993313,89.163177,112.954643

20.8156204,-3.907050,9.214951,0.154950,10.010213,89.113075,112.976479

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20.8389339,-3.916950,9.376050,0.246000,10.164316,88.613174,112.673279

20.8435974,-3.919050,9.382951,0.268050,10.172049,88.489990,112.669212

20.8482609,-3.901950,9.391951,0.289050,10.174355,88.372025,112.560776

20.8529243,-3.919050,9.370951,0.301050,10.161904,88.302345,112.695297

20.8575878,-3.909000,9.346951,0.307950,10.136104,88.259003,112.695229

20.8622513,-3.909000,9.322950,0.295950,10.113618,88.323143,112.747711

20.8669109,-3.913950,9.340051,0.286950,10.131037,88.376945,112.736130

20.8715744,-3.904950,9.316051,0.292050,10.105579,88.343925,112.741661

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20.8995514,-3.648000,9.301050,0.189000,9.992656,88.916252,111.415794

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20.9088745,-3.562050,9.289050,0.142950,9.949628,89.176781,110.980202

20.9135399,-3.426000,9.331950,0.138000,9.941922,89.204674,110.159492

20.9182034,-3.373050,9.349051,0.145950,9.939996,89.158691,109.838974

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20.9275303,-3.391950,9.367950,0.100050,9.963626,89.424652,109.904320

20.9321938,-3.406950,9.385051,0.117000,9.984998,89.328613,109.951851

20.9368572,-3.442050,9.409050,0.114000,10.019527,89.348083,110.093697

20.9415207,-3.505050,9.388050,0.129000,10.021852,89.262474,110.473236

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21.3145561,-3.816000,9.292050,0.160050,10.046376,89.087173,112.326668

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21.3238792,-3.808950,9.286950,0.178950,10.039301,88.978653,112.300499

21.3285427,-3.799050,9.316051,0.201000,10.062901,88.855476,112.185448

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21.3844948,-3.720000,9.285001,0.165000,10.003842,89.054939,111.833321

21.3891563,-3.712950,9.292050,0.141000,10.007401,89.192703,111.780838

21.3938198,-3.706050,9.307950,0.160050,10.019898,89.084763,111.710449

21.3984833,-3.679950,9.274950,0.160050,9.979596,89.081070,111.641312

21.4031429,-3.672000,9.277050,0.142950,9.978360,89.179153,111.594429

21.4078064,-3.660000,9.289050,0.166950,9.985486,89.042015,111.505051

21.4124680,-3.691050,9.292050,0.129000,9.999134,89.260803,111.664299

21.4171314,-3.718050,9.306001,0.136050,10.022178,89.222191,111.778320

21.4217930,-3.739050,9.310950,0.162000,10.034966,89.075005,111.879189

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21.4311180,-3.780000,9.358951,0.166950,10.094861,89.052391,111.993362

21.4357834,-3.799050,9.358951,0.184050,10.102307,88.956093,112.093559

21.4404430,-3.780000,9.354000,0.169050,10.090307,89.040039,112.003891

21.4451046,-3.790050,9.367950,0.189000,10.107359,88.928551,112.027084

21.4497681,-3.784950,9.304050,0.202950,10.046512,88.842484,112.136826

21.4544296,-3.790050,9.294001,0.205050,10.039172,88.829651,112.185410

21.4590931,-3.805950,9.289050,0.217050,10.040857,88.761360,112.280106

21.4637566,-3.790050,9.256050,0.208050,10.004110,88.808365,112.267502

21.4684200,-3.790050,9.237000,0.201000,9.986343,88.846703,112.308922

21.4730835,-3.772950,9.202950,0.217050,9.948696,88.749886,112.292244

21.4777470,-3.775050,9.229051,0.237000,9.974093,88.638435,112.246521

21.4824085,-3.760950,9.241051,0.196050,9.978988,88.874275,112.145485

21.4870720,-3.751050,9.274950,0.162000,10.006064,89.072327,112.019791

21.4917355,-3.715050,9.286950,0.133950,10.003348,89.232758,111.802849

21.4964008,-3.694050,9.297001,0.121950,10.004754,89.301590,111.669800

21.5010643,-3.676950,9.280050,0.129000,9.982782,89.259590,111.614510

21.5057278,-3.636000,9.282001,0.166950,9.970150,89.040535,111.391563

21.5103912,-3.643950,9.306001,0.202950,9.996059,88.836647,111.383820

21.5150528,-3.667950,9.310950,0.226950,10.009953,88.700851,111.501434

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21.5243797,-3.814050,9.340051,0.325050,10.094018,88.154625,112.212860

21.5290432,-3.913950,9.388050,0.363000,10.177733,87.956047,112.631630

21.5337048,-4.000050,9.418950,0.378000,10.240112,87.884521,113.010017

21.5383663,-4.113000,9.421050,0.375000,10.286573,87.910805,113.584908

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21.5523567,-4.204050,9.366000,0.385050,10.273474,87.852051,114.173546

21.5570202,-4.182000,9.318001,0.331950,10.218829,88.138466,114.170959

21.5616817,-4.153950,9.250951,0.289050,10.144897,88.367302,114.181488

21.5663452,-4.114950,9.253051,0.295950,10.131108,88.326035,113.975327

21.5710087,-4.063050,9.210000,0.292050,10.070640,88.338181,113.804977

21.5756683,-3.988050,9.172050,0.270000,10.005197,88.453629,113.499626

21.5803318,-3.909000,9.138000,0.270000,9.942647,88.443901,113.159988

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21.5896568,-3.808950,9.184051,0.214950,9.944902,88.761505,112.525513

21.5943203,-3.784950,9.186001,0.186000,9.936954,88.927475,112.393356

21.5989838,-3.763050,9.178950,0.190950,9.922204,88.897293,112.291924

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21.6083088,-3.688950,9.225000,0.172050,9.936729,89.007896,111.795784

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21.6222954,-3.682050,9.316051,0.126000,10.018092,89.279358,111.565781

21.6269588,-3.708000,9.330001,0.109950,10.040432,89.372559,111.674240

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21.6362820,-3.639000,9.258000,0.097950,9.947989,89.435844,111.458076

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21.6595955,-3.663000,9.471001,0.385050,10.161973,87.828468,111.144455

21.6642570,-3.742050,9.505051,0.415950,10.223597,87.668259,111.489098

21.6689186,-3.792000,9.523951,0.427950,10.260021,87.609474,111.710175

21.6735821,-3.847050,9.531000,0.406950,10.286174,87.732628,111.980751

21.6782455,-3.888000,9.511950,0.403950,10.283818,87.748833,112.232239

21.6829109,-3.897000,9.457050,0.367950,10.235126,87.939789,112.395264

21.6875725,-3.900000,9.418950,0.328050,10.199718,88.156898,112.492439

21.6922340,-3.853950,9.352051,0.274950,10.118764,88.442947,112.396400

21.6968956,-3.816000,9.258000,0.253050,10.016809,88.552406,112.400681

21.7015572,-3.768000,9.186001,0.249000,9.931890,88.563400,112.302917

21.7062187,-3.720000,9.142950,0.222000,9.873258,88.711594,112.139977

21.7108803,-3.694050,9.115050,0.214950,9.837498,88.747986,112.061203

21.7155437,-3.634050,9.115050,0.198000,9.814768,88.844055,111.736519

21.7202072,-3.607950,9.115050,0.177000,9.804732,88.965614,111.594818

21.7248688,-3.591000,9.184051,0.133950,9.862049,89.221764,111.355698

21.7295322,-3.598050,9.265051,0.100050,9.939675,89.423264,111.223503

21.7341938,-3.603000,9.366000,0.082950,10.035460,89.526405,111.041199

21.7388554,-3.646050,9.450001,0.037950,10.129049,89.785332,111.097878

21.7435188,-3.670050,9.490050,0.007050,10.174988,89.960304,111.142784

21.7481804,-3.696000,9.559951,0.031050,10.249587,89.826431,111.137146

21.7528439,-3.700950,9.601050,0.040050,10.289742,89.776993,111.080330

21.7575073,-3.747000,9.571951,0.052050,10.279346,89.709877,111.378174

21.7621689,-3.781950,9.534000,0.067050,10.256939,89.625450,111.637253

21.7668285,-3.793950,9.454950,0.093000,10.188169,89.476982,111.863914

21.7714920,-3.802050,9.382951,0.138000,10.124939,89.219048,112.058205

21.7761536,-3.768000,9.310950,0.174000,10.045989,89.007568,112.032433

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21.7854805,-3.700950,9.205951,0.237000,9.924854,88.631676,111.900970

21.7901440,-3.658050,9.177000,0.234000,9.881974,88.643143,111.732750

21.7948074,-3.636000,9.178950,0.220050,9.875325,88.723183,111.609695

21.7994709,-3.607950,9.205951,0.220050,9.890160,88.725098,111.400955

21.8041325,-3.589050,9.253051,0.222000,9.927211,88.718597,111.200150

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21.8274479,-3.610050,9.414001,0.094950,10.082901,89.460442,110.980659

21.8321114,-3.610050,9.391951,0.106950,10.062437,89.391014,111.025612

21.8367748,-3.607950,9.337050,0.124050,10.010654,89.289986,111.127144

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21.8461018,-3.610050,9.213000,0.190950,9.896883,88.894470,111.397385

21.8507652,-3.628950,9.177000,0.234000,9.871240,88.641663,111.575813

21.8554268,-3.639000,9.189000,0.250950,9.886507,88.545502,111.604408

21.8600883,-3.646050,9.225000,0.244050,9.922393,88.590614,111.565704

21.8647518,-3.684000,9.286950,0.271950,9.994662,88.440819,111.637520

21.8694153,-3.724950,9.355950,0.265050,10.073694,88.492310,111.709328

21.8740768,-3.766050,9.438001,0.229050,10.164225,88.708733,111.753510

21.8787403,-3.787050,9.466950,0.196050,10.198203,88.898483,111.802818

21.8834038,-3.805950,9.423000,0.213000,10.164821,88.799301,111.993782

21.8880653,-3.784950,9.399000,0.166950,10.133850,89.056038,111.934502

21.8927288,-3.772950,9.367950,0.190950,10.100996,88.916809,111.937157

21.8973904,-3.735000,9.354000,0.181050,10.073744,88.970200,111.766548

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21.9067173,-3.763050,9.318001,0.169050,10.050586,89.036247,111.991188

21.9113789,-3.751050,9.297001,0.198000,10.027154,88.868546,111.972542

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