Keuwl Accelerometer Data File

2024-04-29 16:04:21

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

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8.3583670,-1.911267,9.617352,-0.985245,9.854802,95.737793,101.240005

8.3607121,-1.930410,9.622138,-1.057029,9.870629,96.147499,101.344177

8.3630581,-1.896910,9.583853,-1.052244,9.826277,96.147285,101.195724

8.3654041,-1.863411,9.540782,-1.009173,9.773293,95.926826,101.051323

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10.2210197,-1.595415,9.535996,-0.554537,9.684425,93.282593,99.497871

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10.2280579,-1.461416,9.622138,-0.564108,9.748820,93.317230,98.636116

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10.2374420,-1.293919,9.607781,-0.588036,9.712337,93.471115,97.670105

10.2397881,-1.284348,9.598209,-0.549751,9.699350,93.249214,97.621544

10.2421341,-1.265205,9.579067,-0.530608,9.676819,93.143272,97.524086

10.2444801,-1.274776,9.516854,-0.468395,9.613270,92.792770,97.629318

10.2468252,-1.317847,9.545568,-0.497109,9.648922,92.953163,97.860481

10.2491703,-1.332204,9.598209,-0.482752,9.702239,92.852028,97.902008

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10.2538633,-1.413560,9.607781,-0.521037,9.725179,93.071152,98.369690

10.2562094,-1.423131,9.612567,-0.511466,9.730793,93.012947,98.421410

10.2585554,-1.413560,9.593424,-0.487538,9.709255,92.878242,98.382034

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10.2655935,-1.485345,9.540782,-0.521037,9.669759,93.088776,98.848984

10.2679396,-1.494916,9.555139,-0.573679,9.688373,93.394653,98.891930

10.2702866,-1.480559,9.564711,-0.588036,9.696470,93.476799,98.799202

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10.6878624,-1.557129,9.574282,-0.664607,9.722820,93.919525,99.237518

10.6902075,-1.557129,9.569496,-0.640678,9.716500,93.780663,99.242058

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10.7042828,-1.466202,9.598209,-0.554537,9.725373,93.268753,98.685242

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10.7089729,-1.461416,9.564711,-0.530608,9.690251,93.138908,98.687180

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10.7160091,-1.437488,9.583853,-0.511466,9.704546,93.021103,98.530243

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10.7230473,-1.423131,9.473783,-0.516252,9.593977,93.084572,98.542969

10.7253933,-1.437488,9.516854,-0.487538,9.637146,92.899796,98.589401

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11.1711245,-1.380060,9.588638,-0.487538,9.699703,92.881081,98.190147

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11.1828547,-1.341775,9.574282,-0.401396,9.676174,92.377480,97.977684

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13.0150566,-1.585843,9.540782,-0.707677,9.697537,94.184875,99.437271

13.0174026,-1.633700,9.550353,-0.698106,9.714194,94.121086,99.707161

13.0197487,-1.609771,9.559925,-0.678963,9.718257,94.006218,99.558228

13.0220947,-1.619343,9.535996,-0.698106,9.697672,94.128120,99.637672

13.0244408,-1.595415,9.540782,-0.717249,9.699810,94.240585,99.493195

13.0267868,-1.609771,9.569496,-0.707677,9.729719,94.171013,99.548843

13.0291328,-1.614557,9.555139,-0.717249,9.717093,94.233025,99.590828

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13.4772253,-1.451845,9.535996,-0.439681,9.655900,92.609863,98.656746

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13.4819164,-1.432703,9.583853,-0.463609,9.701433,92.739075,98.502258

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13.4866095,-1.423131,9.550353,-0.454038,9.666472,92.692200,98.475479

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13.5077209,-1.442274,9.583853,-0.554537,9.707621,93.274734,98.558220

13.5100670,-1.447060,9.545568,-0.597607,9.673105,93.542007,98.620117

13.5124130,-1.499702,9.526425,-0.592822,9.661952,93.517670,98.946388

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13.5288343,-1.533201,9.555139,-0.688535,9.701828,94.069679,99.115875

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16.2687912,-1.480559,9.559925,-0.468395,9.685226,92.772011,98.803535

16.2711372,-1.490130,9.593424,-0.521037,9.722435,93.072021,98.829102

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16.2758274,-1.504487,9.535996,-0.544965,9.669317,93.230919,98.965614

16.2781734,-1.528415,9.555139,-0.554537,9.692484,93.279861,99.087898

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16.4330044,-1.451845,9.612567,-0.525823,9.735800,93.096008,98.588821

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16.5104141,-1.475773,9.598209,-0.425324,9.720310,92.507851,98.741066

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17.6622849,-1.380060,9.650852,-0.578465,9.766173,93.395699,98.138054

17.6646309,-1.370489,9.579067,-0.549751,9.692213,93.251610,98.142128

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17.6693230,-1.384846,9.559925,-0.521037,9.673750,93.087494,98.242500

17.6716690,-1.389632,9.559925,-0.477966,9.672213,92.832504,98.270592

17.6740150,-1.389632,9.569496,-0.444467,9.680077,92.631699,98.262436

17.6763592,-1.389632,9.588638,-0.454038,9.699444,92.683037,98.246170

17.6787071,-1.408774,9.569496,-0.444467,9.682843,92.630943,98.374649

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17.6880875,-1.370489,9.555139,-0.410967,9.661667,92.437859,98.162239

17.6904354,-1.351347,9.535996,-0.410967,9.640035,92.443336,98.065681

17.6927795,-1.336990,9.569496,-0.420539,9.671590,92.492111,97.953522

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17.6974716,-1.389632,9.574282,-0.449252,9.685028,92.658691,98.258362

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17.7021637,-1.399203,9.559925,-0.458824,9.672666,92.718849,98.326767

17.7045116,-1.437488,9.559925,-0.463609,9.678506,92.745575,98.551277

17.7068558,-1.442274,9.574282,-0.497109,9.695058,92.939102,98.566650

17.7092037,-1.466202,9.559925,-0.506680,9.684970,92.998863,98.719490

17.7115479,-1.461416,9.559925,-0.516252,9.684752,93.055634,98.691467

17.7138920,-1.423131,9.559925,-0.544965,9.680623,93.227142,98.467117

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17.7185841,-1.466202,9.569496,-0.540180,9.696226,93.193619,98.710899

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17.7232742,-1.480559,9.559925,-0.549751,9.689502,93.252525,98.803535

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17.7913036,-1.408774,9.583853,-0.674178,9.710273,93.981209,98.362282

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17.8476028,-1.470988,9.545568,-0.559322,9.674425,93.314377,98.760460

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17.8874817,-1.375275,9.617352,-0.607179,9.734142,93.576218,98.138084

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17.8921738,-1.356132,9.583853,-0.640678,9.700505,93.786903,98.053986

17.8945179,-1.380060,9.555139,-0.640678,9.675521,93.796700,98.218468

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18.1150188,-1.652842,9.574282,-0.607179,9.734857,93.575951,99.794632

18.1173630,-1.628914,9.512068,-0.621536,9.670527,93.685005,99.717476

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18.1220551,-1.609771,9.521640,-0.607179,9.675829,93.597794,99.595947

18.1244030,-1.604986,9.545568,-0.588036,9.697403,93.476463,99.544403

18.1267471,-1.566701,9.550353,-0.588036,9.695854,93.477020,99.316185

18.1290913,-1.542772,9.559925,-0.602393,9.702330,93.559639,99.167305

18.1314392,-1.499702,9.622138,-0.626321,9.758429,93.679924,98.858818

18.1337833,-1.470988,9.583853,-0.602393,9.714778,93.555069,98.726006

18.1361294,-1.509273,9.550353,-0.611964,9.688223,93.621544,98.980370

18.1384754,-1.480559,9.583853,-0.578465,9.714778,93.413689,98.781898

18.1408215,-1.494916,9.569496,-0.564108,9.701971,93.333267,98.878799

18.1431656,-1.518844,9.598209,-0.588036,9.735415,93.462875,98.992065

18.1455135,-1.533201,9.550353,-0.611964,9.691979,93.620140,99.120369

18.1478577,-1.528415,9.540782,-0.564108,9.678884,93.341225,99.101349

18.1502056,-1.523630,9.569496,-0.588036,9.707857,93.472717,99.046547

18.1525497,-1.542772,9.564711,-0.578465,9.705589,93.416924,99.162796

18.1548977,-1.533201,9.569496,-0.578465,9.708789,93.415794,99.102432

18.1572418,-1.490130,9.579067,-0.568894,9.710956,93.358459,98.842125

18.1595860,-1.499702,9.559925,-0.592822,9.694983,93.505669,98.915543

18.1619339,-1.509273,9.569496,-0.583251,9.705325,93.445320,98.962692

18.1642780,-1.509273,9.583853,-0.568894,9.718631,93.355804,98.949486

18.1666241,-1.504487,9.602996,-0.559322,9.736214,93.293320,98.904068

18.1689701,-1.494916,9.579067,-0.578465,9.712256,93.414574,98.870071

18.1713161,-1.504487,9.569496,-0.568894,9.703730,93.360970,98.934738

18.1736603,-1.490130,9.574282,-0.554537,9.705404,93.275490,98.846474

18.1760082,-1.528415,9.550353,-0.544965,9.687222,93.224937,99.092377

18.1783524,-1.533201,9.540782,-0.530608,9.677747,93.142967,99.129364

18.1807003,-1.552344,9.550353,-0.544965,9.691028,93.223671,99.232292

18.1830444,-1.523630,9.545568,-0.521037,9.680433,93.085365,99.068848

18.1853905,-1.499702,9.564711,-0.511466,9.695070,93.024055,98.911156

18.1877365,-1.461416,9.559925,-0.497109,9.683750,92.942535,98.691467

18.1900845,-1.485345,9.550353,-0.521037,9.679203,93.085754,98.840256

18.1924286,-1.504487,9.535996,-0.492323,9.666493,92.919388,98.965614

18.1947727,-1.494916,9.569496,-0.501895,9.698553,92.966347,98.878799

18.1971188,-1.490130,9.564711,-0.511466,9.693595,93.024521,98.855186

18.1994629,-1.528415,9.540782,-0.506680,9.675706,93.001740,99.101349

18.2018108,-1.514058,9.545568,-0.492323,9.677428,92.916084,99.012817

18.2041550,-1.480559,9.545568,-0.501895,9.672735,92.974274,98.816574

18.2065029,-1.475773,9.579067,-0.530608,9.706595,93.133621,98.758263

18.2088470,-1.523630,9.555139,-0.511466,9.689362,93.025841,99.059914

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18.2135391,-1.509273,9.555139,-0.511466,9.687114,93.026543,98.975945

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18.2182331,-1.518844,9.555139,-0.554537,9.690979,93.280365,99.031929

18.2205791,-1.537987,9.550353,-0.525823,9.687679,93.111397,99.148354

18.2229252,-1.504487,9.545568,-0.544965,9.678757,93.227760,98.956772

18.2252693,-1.528415,9.583853,-0.573679,9.721903,93.382927,99.061127

18.2276173,-1.499702,9.583853,-0.549751,9.716046,93.243629,98.893639

18.2299614,-1.499702,9.531211,-0.530608,9.663055,93.147751,98.941971

18.2323093,-1.485345,9.516854,-0.521037,9.646152,93.096336,98.870880

18.2346535,-1.461416,9.535996,-0.535394,9.662174,93.176460,98.712936

18.2369995,-1.475773,9.516854,-0.521037,9.644683,93.096809,98.814621

18.2393456,-1.466202,9.545568,-0.540180,9.672611,93.201424,98.732399

18.2416916,-1.442274,9.531211,-0.564108,9.656208,93.349083,98.604782

18.2440357,-1.427917,9.588638,-0.549751,9.709951,93.245667,98.470100

18.2463837,-1.427917,9.564711,-0.564108,9.687149,93.338371,98.490982

18.2487297,-1.423131,9.569496,-0.583251,9.692303,93.449951,98.458771

18.2510757,-1.432703,9.593424,-0.588036,9.717624,93.469223,98.493896

18.2534218,-1.480559,9.555139,-0.549751,9.684779,93.254112,98.807877

18.2557678,-1.470988,9.574282,-0.540180,9.701674,93.191826,98.734596

18.2581139,-1.437488,9.564711,-0.554537,9.688012,93.281372,98.547058

18.2604599,-1.447060,9.526425,-0.535394,9.650565,93.180290,98.637177

18.2628059,-1.447060,9.555139,-0.525823,9.678386,93.114388,98.611610

18.2651501,-1.442274,9.545568,-0.487538,9.666215,92.891068,98.592033

18.2674961,-1.456631,9.569496,-0.516252,9.693480,93.052879,98.654900

18.2698421,-1.475773,9.583853,-0.530608,9.711318,93.132095,98.753952

18.2721882,-1.480559,9.545568,-0.554537,9.675610,93.285583,98.816574

18.2745323,-1.480559,9.593424,-0.573679,9.723937,93.382217,98.773277

18.2768803,-1.470988,9.550353,-0.583251,9.680559,93.454147,98.756142

18.2792244,-1.494916,9.574282,-0.602393,9.708992,93.557190,98.874435

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18.2862625,-1.509273,9.583853,-0.602393,9.720649,93.552925,98.949486

18.2886086,-1.509273,9.564711,-0.616750,9.702679,93.644463,98.967110

18.2909546,-1.537987,9.583853,-0.626321,9.726660,93.691956,99.116913

18.2933006,-1.537987,9.583853,-0.659821,9.728874,93.888832,99.116913

18.2956448,-1.581058,9.540782,-0.674178,9.694368,93.987755,99.409302

18.2979927,-1.600200,9.583853,-0.693320,9.741230,94.081406,99.479141

18.3003368,-1.628914,9.535996,-0.702892,9.699620,94.155632,99.693558

18.3026848,-1.643271,9.545568,-0.712463,9.712148,94.206879,99.767738

18.3050289,-1.643271,9.516854,-0.702892,9.683228,94.162682,99.796638

18.3073769,-1.667199,9.526425,-0.688535,9.695690,94.072258,99.926682

18.3097210,-1.671985,9.512068,-0.674178,9.681398,93.993103,99.969330

18.3120689,-1.657628,9.555139,-0.712463,9.723991,94.201744,99.841736

18.3144131,-1.648057,9.564711,-0.745962,9.734282,94.395027,99.776405

18.3167591,-1.619343,9.545568,-0.769891,9.712511,94.546486,99.628189

18.3191051,-1.600200,9.540782,-0.817747,9.708546,94.831726,99.521149

18.3214512,-1.633700,9.550353,-0.851247,9.726399,95.020905,99.707161

18.3237972,-1.614557,9.555139,-0.865604,9.729170,95.104347,99.590828

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18.3308353,-1.715056,9.564711,-0.908674,9.759651,95.342270,100.165718

18.3331814,-1.748555,9.555139,-0.870389,9.752728,95.120216,100.370178

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18.3378735,-1.791626,9.516854,-0.803390,9.717298,94.742416,100.661613

18.3402195,-1.834697,9.540782,-0.793819,9.747963,94.671013,100.885124

18.3425655,-1.796412,9.502497,-0.769891,9.701406,94.551704,100.705215

18.3449097,-1.796412,9.516854,-0.750748,9.713971,94.432549,100.689438

18.3472576,-1.767698,9.555139,-0.755534,9.746603,94.445892,100.481201

18.3496017,-1.671985,9.555139,-0.760319,9.730072,94.481728,99.925285

18.3519478,-1.667199,9.564711,-0.760319,9.738651,94.477776,99.887733

18.3542938,-1.652842,9.583853,-0.760319,9.755010,94.470245,99.785042

18.3566399,-1.619343,9.564711,-0.726820,9.728012,94.284798,99.609276

18.3589859,-1.585843,9.555139,-0.693320,9.710627,94.094292,99.423347

18.3613319,-1.566701,9.526425,-0.664607,9.677243,93.938019,99.339172

18.3636761,-1.542772,9.574282,-0.659821,9.720205,93.892311,99.153793

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18.3683681,-1.552344,9.555139,-0.664607,9.703203,93.927467,99.227745

18.3707123,-1.547558,9.555139,-0.645464,9.701146,93.814980,99.199783

18.3730602,-1.537987,9.545568,-0.607179,9.687720,93.593376,99.152863

18.3754044,-1.542772,9.535996,-0.635893,9.680895,93.766205,99.189919

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18.3800964,-1.537987,9.550353,-0.611964,9.692737,93.619858,99.148354

18.3824444,-1.514058,9.559925,-0.597607,9.697509,93.533081,98.999504

18.3847885,-1.528415,9.559925,-0.626321,9.701572,93.701515,99.083427

18.3871346,-1.533201,9.569496,-0.621536,9.711451,93.669456,99.102432

18.3894806,-1.533201,9.593424,-0.616750,9.734725,93.632446,99.080101

18.3918266,-1.547558,9.574282,-0.592822,9.716648,93.497841,99.181702

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18.4129372,-1.504487,9.545568,-0.573679,9.680416,93.397446,98.956772

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18.4270115,-1.499702,9.574282,-0.568894,9.707709,93.359589,98.902390

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18.4316998,-1.528415,9.598209,-0.559322,9.735221,93.293655,99.047791

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18.4363918,-1.547558,9.555139,-0.631107,9.700201,93.730370,99.199783

18.4387379,-1.576272,9.559925,-0.669392,9.712100,93.952164,99.362877

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18.4528141,-1.652842,9.559925,-0.750748,9.730760,94.424881,99.809059

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18.4598522,-1.624128,9.569496,-0.707677,9.732104,94.169983,99.632416

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18.5865250,-1.509273,9.535996,-0.678963,9.678539,94.022682,98.993668

18.5888710,-1.475773,9.579067,-0.664607,9.714842,93.922752,98.758263

18.5912151,-1.403989,9.564711,-0.650250,9.689050,93.848114,98.350723

18.5935612,-1.437488,9.579067,-0.650250,9.708127,93.840538,98.534439

18.5959072,-1.399203,9.602996,-0.611964,9.723672,93.608322,98.289940

18.5982533,-1.370489,9.574282,-0.549751,9.687484,93.253204,98.146141

18.6005993,-1.341775,9.559925,-0.516252,9.667422,93.061119,97.989510

18.6029453,-1.317847,9.583853,-0.501895,9.687045,92.969879,97.829468

18.6052914,-1.351347,9.588638,-0.487538,9.695660,92.882286,98.021980

18.6076374,-1.370489,9.569496,-0.477966,9.678944,92.830536,98.150162

18.6099834,-1.375275,9.583853,-0.501895,9.695025,92.967430,98.166145

18.6123295,-1.389632,9.579067,-0.482752,9.691370,92.855232,98.254295

18.6146755,-1.423131,9.579067,-0.506680,9.697451,92.995003,98.450439

18.6170197,-1.418346,9.579067,-0.482752,9.695529,92.854004,98.422432

18.6193676,-1.456631,9.579067,-0.482752,9.701203,92.852333,98.646385

18.6217117,-1.447060,9.550353,-0.444467,9.669580,92.634560,98.615860

18.6240597,-1.442274,9.579067,-0.444467,9.697228,92.627037,98.562431

18.6264038,-1.456631,9.555139,-0.477966,9.677340,92.831009,98.667709

18.6287479,-1.432703,9.569496,-0.482752,9.688186,92.856171,98.514824

18.6310959,-1.423131,9.550353,-0.492323,9.668346,92.918831,98.475479

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18.6357880,-1.480559,9.555139,-0.477966,9.680970,92.829941,98.807877

18.6381321,-1.470988,9.559925,-0.497109,9.685200,92.942093,98.747505

18.6404800,-1.466202,9.531211,-0.477966,9.655164,92.837509,98.745354

18.6428242,-1.514058,9.555139,-0.492323,9.686870,92.913246,99.003937

18.6451702,-1.523630,9.569496,-0.487538,9.702289,92.880310,99.046547

18.6475143,-1.518844,9.545568,-0.473181,9.677223,92.802673,99.040833

18.6498623,-1.537987,9.555139,-0.511466,9.691629,93.025131,99.143852

18.6522064,-1.547558,9.531211,-0.511466,9.669566,93.032043,99.222488

18.6545544,-1.547558,9.531211,-0.516252,9.669821,93.060356,99.222488

18.6568985,-1.571486,9.555139,-0.535394,9.698293,93.164619,99.339546

18.6592426,-1.547558,9.545568,-0.568894,9.686921,93.366806,99.208855

18.6615906,-1.518844,9.540782,-0.588036,9.678802,93.483154,99.045296

18.6639347,-1.561915,9.540782,-0.597607,9.686239,93.537201,99.297379

18.6662827,-1.566701,9.531211,-0.626321,9.679401,93.710007,99.334564

18.6686268,-1.571486,9.550353,-0.616750,9.698412,93.646065,99.344139

18.6709747,-1.590629,9.574282,-0.626321,9.725700,93.692322,99.432716

18.6733189,-1.576272,9.545568,-0.616750,9.694476,93.647545,99.376709

18.6756668,-1.619343,9.545568,-0.607179,9.700969,93.588463,99.628189

18.6780109,-1.585843,9.555139,-0.578465,9.703103,93.417801,99.423347

18.6803589,-1.595415,9.545568,-0.559322,9.694124,93.307632,99.488525

18.6827030,-1.571486,9.516854,-0.540180,9.660843,93.205330,99.376450

18.6850491,-1.566701,9.531211,-0.549751,9.674748,93.257492,99.334564

18.6873951,-1.528415,9.535996,-0.559322,9.673888,93.314560,99.105835

18.6897411,-1.561915,9.555139,-0.578465,9.699221,93.419167,99.283653

18.6920853,-1.533201,9.598209,-0.607179,9.738840,93.574486,99.075653

18.6944313,-1.504487,9.583853,-0.568894,9.717889,93.356064,98.921562

18.6967773,-1.523630,9.588638,-0.602393,9.727606,93.550377,99.028786

18.6991215,-1.509273,9.579067,-0.607179,9.716229,93.582817,98.953888

18.7014675,-1.518844,9.574282,-0.640678,9.715155,93.781189,99.014168

18.7038136,-1.494916,9.545568,-0.602393,9.680677,93.567612,98.900703

18.7061596,-1.509273,9.564711,-0.588036,9.700896,93.475212,98.967110

18.7085037,-1.518844,9.579067,-0.631107,9.719244,93.723053,99.009735

18.7108517,-1.552344,9.569496,-0.621536,9.714491,93.668304,99.214142

18.7131958,-1.528415,9.555139,-0.611964,9.695939,93.618660,99.087898

18.7155437,-1.533201,9.550353,-0.611964,9.691979,93.620140,99.120369

18.7178879,-1.552344,9.540782,-0.602393,9.684998,93.566017,99.241394

18.7202358,-1.533201,9.540782,-0.626321,9.683466,93.708450,99.129364

18.7225800,-1.537987,9.555139,-0.631107,9.698679,93.730957,99.143852

18.7249241,-1.547558,9.559925,-0.640678,9.705544,93.784935,99.195259

18.7272720,-1.528415,9.579067,-0.640678,9.721371,93.778763,99.065575

18.7296181,-1.547558,9.583853,-0.664607,9.730718,93.916344,99.172691

18.7319641,-1.542772,9.569496,-0.659821,9.715491,93.894203,99.158295

18.7343082,-1.533201,9.569496,-0.645464,9.713012,93.810318,99.102432

18.7366562,-1.504487,9.588638,-0.655035,9.728028,93.860924,98.917183

18.7390003,-1.523630,9.550353,-0.592822,9.689280,93.507736,99.064384

18.7413464,-1.518844,9.559925,-0.549751,9.695425,93.250534,99.027481

18.7436905,-1.504487,9.574282,-0.525823,9.706021,93.105515,98.930344

18.7460365,-1.485345,9.540782,-0.516252,9.669502,93.060455,98.848984

18.7483826,-1.451845,9.583853,-0.530608,9.707710,93.133263,98.614166

18.7507286,-1.442274,9.574282,-0.549751,9.697899,93.249702,98.566650

18.7530746,-1.451845,9.574282,-0.549751,9.699327,93.249222,98.622650

18.7554188,-1.466202,9.559925,-0.511466,9.685222,93.027138,98.719490

18.7577648,-1.461416,9.579067,-0.506680,9.703143,92.993240,98.674362

18.7601089,-1.461416,9.559925,-0.540180,9.686057,93.196976,98.691467

18.7624569,-1.475773,9.555139,-0.521037,9.682462,93.084717,98.779854

18.7648029,-1.475773,9.545568,-0.525823,9.673275,93.116035,98.788521

18.7671490,-1.518844,9.550353,-0.516252,9.684144,93.055824,99.036377

18.7694950,-1.490130,9.583853,-0.482752,9.711013,92.849449,98.837776

18.7718410,-1.475773,9.569496,-0.444467,9.692818,92.628235,98.766884

18.7741871,-1.466202,9.559925,-0.458824,9.682584,92.716064,98.719490

18.7765331,-1.480559,9.540782,-0.444467,9.665201,92.635750,98.820923

18.7788792,-1.485345,9.535996,-0.439681,9.660994,92.608490,98.853355

18.7812252,-1.475773,9.564711,-0.454038,9.688538,92.686058,98.771202

18.7835693,-1.485345,9.569496,-0.430110,9.693632,92.543068,98.822853

18.7859173,-1.499702,9.516854,-0.420539,9.643468,92.499382,98.955238

18.7882614,-1.485345,9.540782,-0.425324,9.665074,92.522194,98.848984

18.7906075,-1.480559,9.531211,-0.430110,9.655104,92.553223,98.829643

18.7929535,-1.447060,9.564711,-0.434896,9.683326,92.574120,98.603119

18.7952976,-1.461416,9.550353,-0.463609,9.672637,92.747238,98.700043

18.7976456,-1.456631,9.555139,-0.468395,9.676871,92.774406,98.667709

18.7999916,-1.475773,9.516854,-0.458824,9.641522,92.727638,98.814621

18.8023376,-1.480559,9.569496,-0.468395,9.694674,92.769302,98.794868

18.8046837,-1.451845,9.540782,-0.463609,9.661745,92.750336,98.652466

18.8070297,-1.504487,9.540782,-0.449252,9.669117,92.663071,98.961189

18.8093739,-1.509273,9.535996,-0.482752,9.666757,92.862511,98.993668

18.8117218,-1.514058,9.559925,-0.482752,9.691109,92.855309,98.999504

18.8140659,-1.514058,9.526425,-0.458824,9.656898,92.723297,99.030632

18.8164139,-1.509273,9.545568,-0.487538,9.676438,92.888016,98.984795

18.8187580,-1.514058,9.545568,-0.487538,9.677186,92.887787,99.012817

18.8211021,-1.509273,9.559925,-0.506680,9.691584,92.996811,98.971519

18.8234482,-1.509273,9.535996,-0.477966,9.666519,92.834175,98.993668

18.8257942,-1.514058,9.550353,-0.521037,9.683651,93.084335,99.008377

18.8281403,-1.475773,9.574282,-0.588036,9.705182,93.473671,98.762573

18.8304844,-1.509273,9.583853,-0.564108,9.718351,93.327644,98.949486

18.8328323,-1.547558,9.588638,-0.588036,9.730504,93.464622,99.168190

18.8351765,-1.557129,9.574282,-0.578465,9.717312,93.412796,99.237518

18.8375244,-1.523630,9.555139,-0.568894,9.692562,93.364845,99.059914

18.8398685,-1.566701,9.559925,-0.573679,9.704423,93.389030,99.307022

18.8422165,-1.537987,9.540782,-0.564108,9.680400,93.340698,99.157379

18.8445606,-1.542772,9.535996,-0.564108,9.676445,93.342072,99.189919

18.8469086,-1.561915,9.540782,-0.544965,9.683134,93.226303,99.297379

18.8492527,-1.542772,9.540782,-0.530608,9.679267,93.142479,99.185387

18.8515987,-1.542772,9.516854,-0.530608,9.655684,93.150162,99.208084

18.8539448,-1.485345,9.535996,-0.544965,9.666357,93.231911,98.853355

18.8562889,-1.494916,9.550353,-0.540180,9.681726,93.198410,98.896317

18.8586369,-1.466202,9.574282,-0.549751,9.701487,93.248505,98.706612

18.8609810,-1.480559,9.579067,-0.521037,9.706805,93.076973,98.786217

18.8633289,-1.456631,9.564711,-0.544965,9.690328,93.223907,98.659164

18.8656731,-1.504487,9.564711,-0.525823,9.696580,93.108543,98.939133

18.8680191,-1.490130,9.535996,-0.506680,9.665011,93.005058,98.881424

18.8703651,-1.461416,9.555139,-0.521037,9.680284,93.085411,98.695755

18.8727112,-1.466202,9.555139,-0.506680,9.680245,93.000328,98.723785

18.8750553,-1.451845,9.550353,-0.521037,9.674119,93.087379,98.643929

18.8774014,-1.514058,9.569496,-0.511466,9.702022,93.021889,98.990646

18.8797474,-1.509273,9.583853,-0.540180,9.716992,93.186790,98.949486

18.8820934,-1.523630,9.564711,-0.554537,9.701167,93.276917,99.051003

18.8844395,-1.542772,9.579067,-0.602393,9.721191,93.552727,99.149300

18.8867836,-1.547558,9.550353,-0.621536,9.694869,93.675735,99.204315

18.8891315,-1.557129,9.579067,-0.640678,9.725926,93.776993,99.232979

18.8914757,-1.624128,9.607781,-0.655035,9.766081,93.845856,99.594749

18.8938236,-1.609771,9.579067,-0.635893,9.734179,93.745560,99.539474

18.8961678,-1.628914,9.579067,-0.607179,9.735531,93.575706,99.650795

18.8985157,-1.657628,9.574282,-0.645464,9.738132,93.800468,99.822441

18.9008598,-1.662413,9.526425,-0.631107,9.690959,93.733932,99.898750

18.9032078,-1.604986,9.535996,-0.621536,9.690073,93.677559,99.553802

18.9055519,-1.590629,9.540782,-0.631107,9.693034,93.733131,99.465233

18.9078979,-1.595415,9.579067,-0.597607,9.729389,93.521492,99.455940

18.9102440,-1.581058,9.559925,-0.616750,9.709392,93.641937,99.390793

18.9125900,-1.566701,9.540782,-0.631107,9.689137,93.734634,99.325371

18.9149361,-1.571486,9.550353,-0.664607,9.701572,93.928123,99.344139

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18.9196281,-1.547558,9.579067,-0.717249,9.729743,94.227516,99.177193

18.9219723,-1.514058,9.564711,-0.726820,9.711041,94.292297,98.995071

18.9243202,-1.533201,9.593424,-0.755534,9.744502,94.446854,99.080101

18.9266644,-1.585843,9.559925,-0.712463,9.716722,94.204895,99.418709

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18.9313564,-1.648057,9.579067,-0.702892,9.745187,94.136169,99.762039

18.9337044,-1.609771,9.574282,-0.693320,9.733392,94.084702,99.544159

18.9360485,-1.648057,9.526425,-0.621536,9.687888,93.678391,99.814934

18.9383965,-1.657628,9.555139,-0.568894,9.714528,93.357224,99.841736

18.9407406,-1.652842,9.526425,-0.583251,9.686322,93.452087,99.842880

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18.9454327,-1.624128,9.526425,-0.568894,9.680610,93.369003,99.675140

18.9477806,-1.561915,9.507282,-0.588036,9.652657,93.492599,99.329567

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18.9571629,-1.504487,9.545568,-0.626321,9.683678,93.708366,98.956772

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18.9712391,-1.537987,9.593424,-0.597607,9.734285,93.519714,99.107971

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18.9806213,-1.609771,9.579067,-0.650250,9.735127,93.829872,99.539474

18.9829693,-1.571486,9.583853,-0.635893,9.732634,93.746155,99.312050

18.9853134,-1.600200,9.559925,-0.621536,9.712832,93.668930,99.502434

18.9876595,-1.600200,9.579067,-0.678963,9.735510,93.999107,99.483788

18.9900055,-1.633700,9.588638,-0.674178,9.750153,93.964897,99.669128

18.9923515,-1.614557,9.583853,-0.645464,9.740311,93.799622,99.562622

18.9946957,-1.604986,9.559925,-0.659821,9.716146,93.893936,99.530334

18.9970436,-1.628914,9.550353,-0.645464,9.709749,93.811600,99.679260

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19.0134621,-1.633700,9.574282,-0.712463,9.738760,94.195358,99.683357

19.0158081,-1.595415,9.593424,-0.683749,9.749187,94.021683,99.442047

19.0181541,-1.600200,9.564711,-0.650250,9.719421,93.836075,99.497765

19.0205002,-1.624128,9.564711,-0.640678,9.722754,93.778229,99.637146

19.0228462,-1.619343,9.559925,-0.578465,9.713345,93.414192,99.613998

19.0251923,-1.609771,9.526425,-0.597607,9.679942,93.539505,99.591209

19.0275383,-1.590629,9.531211,-0.592822,9.681194,93.510666,99.474571

19.0298824,-1.585843,9.564711,-0.592822,9.713394,93.499016,99.414085

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19.0439587,-1.514058,9.574282,-0.592822,9.711369,93.499748,98.986229

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19.0533409,-1.533201,9.574282,-0.573679,9.713223,93.385956,99.097954

19.0556870,-1.533201,9.574282,-0.564108,9.712662,93.329590,99.097954

19.0580330,-1.576272,9.550353,-0.544965,9.694889,93.222389,99.372093

19.0603790,-1.561915,9.545568,-0.540180,9.687581,93.196472,99.292801

19.0627232,-1.557129,9.569496,-0.554537,9.711201,93.273529,99.242058

19.0650711,-1.595415,9.516854,-0.578465,9.666980,93.430588,99.516624

19.0674152,-1.552344,9.564711,-0.592822,9.707981,93.500969,99.218674

19.0697613,-1.537987,9.545568,-0.597607,9.687125,93.536873,99.152863

19.0721073,-1.533201,9.569496,-0.602393,9.710244,93.556732,99.102432

19.0744534,-1.552344,9.550353,-0.583251,9.693255,93.449615,99.232292

19.0767975,-1.571486,9.569496,-0.564108,9.714064,93.329109,99.325775

19.0791454,-1.595415,9.545568,-0.583251,9.695535,93.448799,99.488525

19.0814896,-1.576272,9.559925,-0.602393,9.707712,93.557663,99.362877

19.0838375,-1.571486,9.526425,-0.588036,9.673062,93.485222,99.367195

19.0861816,-1.585843,9.540782,-0.549751,9.687293,93.253265,99.437271

19.0885296,-1.552344,9.559925,-0.564108,9.701554,93.333412,99.223206

19.0908737,-1.542772,9.540782,-0.578465,9.682009,93.425255,99.185387

19.0932178,-1.542772,9.535996,-0.597607,9.678456,93.540047,99.189919

19.0955658,-1.518844,9.545568,-0.568894,9.682375,93.368385,99.040833

19.0979099,-1.504487,9.574282,-0.607179,9.710768,93.584831,98.930344

19.1002579,-1.494916,9.574282,-0.631107,9.710815,93.726288,98.874435

19.1026020,-1.490130,9.569496,-0.607179,9.703835,93.587395,98.850830

19.1049480,-1.499702,9.564711,-0.568894,9.698270,93.362862,98.911156

19.1072941,-1.499702,9.569496,-0.568894,9.702990,93.361221,98.906769

19.1096420,-1.523630,9.531211,-0.559322,9.668416,93.316437,99.082283

19.1119862,-1.518844,9.555139,-0.588036,9.692953,93.478065,99.031929

19.1143341,-1.504487,9.550353,-0.611964,9.687478,93.621826,98.952354

19.1166782,-1.547558,9.569496,-0.621536,9.713727,93.668594,99.186218

19.1190262,-1.514058,9.574282,-0.602393,9.711958,93.556107,98.986229

19.1213703,-1.537987,9.569496,-0.602393,9.711000,93.556458,99.130363

19.1237164,-1.509273,9.583853,-0.611964,9.721248,93.609222,98.949486

19.1260624,-1.494916,9.569496,-0.611964,9.704871,93.615326,98.878799

19.1284084,-1.509273,9.564711,-0.631107,9.703602,93.729057,98.967110

19.1307526,-1.537987,9.564711,-0.631107,9.708109,93.727325,99.134857

19.1330986,-1.528415,9.559925,-0.650250,9.703146,93.842514,99.083427

19.1354446,-1.509273,9.579067,-0.631107,9.717753,93.723618,98.953888

19.1377888,-1.533201,9.569496,-0.640678,9.712694,93.782150,99.102432

19.1401367,-1.537987,9.588638,-0.578465,9.728413,93.408897,99.112442

19.1424809,-1.533201,9.540782,-0.602393,9.681948,93.567146,99.129364

19.1448269,-1.533201,9.555139,-0.588036,9.695213,93.477249,99.115875

19.1471729,-1.557129,9.545568,-0.592822,9.689889,93.507515,99.264824

19.1495190,-1.581058,9.555139,-0.631107,9.705602,93.728287,99.395416

19.1518650,-1.590629,9.502497,-0.602393,9.653519,93.577660,99.502678

19.1542110,-1.557129,9.526425,-0.621536,9.672835,93.684120,99.283112

19.1565571,-1.542772,9.540782,-0.621536,9.684677,93.679611,99.185387

19.1589031,-1.504487,9.535996,-0.583251,9.671551,93.457367,98.965614

19.1612492,-1.537987,9.569496,-0.607179,9.711299,93.584641,99.130363

19.1635933,-1.528415,9.569496,-0.607179,9.709787,93.585197,99.074493

19.1659393,-1.533201,9.559925,-0.588036,9.699931,93.475555,99.111389

19.1682854,-1.528415,9.526425,-0.564108,9.664732,93.346123,99.114830

19.1706314,-1.504487,9.555139,-0.568894,9.689571,93.365883,98.947945

19.1729774,-1.537987,9.574282,-0.602393,9.715716,93.554726,99.125877

19.1753235,-1.514058,9.555139,-0.631107,9.694913,93.732407,99.003937

19.1776676,-1.504487,9.564711,-0.635893,9.703171,93.757545,98.939133

19.1800156,-1.514058,9.559925,-0.626321,9.699321,93.702377,98.999504

19.1823597,-1.528415,9.593424,-0.597607,9.732778,93.520264,99.052231

19.1847076,-1.533201,9.574282,-0.616750,9.715861,93.639511,99.097954

19.1870518,-1.566701,9.569496,-0.588036,9.714710,93.470261,99.297874

19.1893997,-1.571486,9.555139,-0.597607,9.701926,93.531471,99.339546

19.1917439,-1.600200,9.559925,-0.602393,9.711626,93.556229,99.502434

19.1940880,-1.566701,9.555139,-0.607179,9.701747,93.588173,99.311600

19.1964359,-1.576272,9.540782,-0.611964,9.689461,93.621078,99.381325

19.1987801,-1.557129,9.502497,-0.583251,9.646879,93.466217,99.306084

19.2011261,-1.561915,9.550353,-0.564108,9.693660,93.336128,99.288223

19.2034721,-1.557129,9.535996,-0.573679,9.679307,93.397835,99.273956

19.2058182,-1.557129,9.569496,-0.602393,9.714051,93.555336,99.242058

19.2081623,-1.528415,9.545568,-0.597607,9.685610,93.537430,99.096863

19.2105103,-1.518844,9.540782,-0.564108,9.677377,93.341743,99.045296

19.2128544,-1.528415,9.583853,-0.540180,9.719983,93.185806,99.061127

19.2152004,-1.485345,9.512068,-0.578465,9.644703,93.438522,98.875275

19.2175465,-1.504487,9.564711,-0.607179,9.701332,93.588326,98.939133

19.2198925,-1.490130,9.559925,-0.602393,9.694098,93.562668,98.859550

19.2222366,-1.518844,9.555139,-0.607179,9.694134,93.590996,99.031929

19.2245808,-1.490130,9.564711,-0.621536,9.700025,93.673782,98.855186

19.2269287,-1.504487,9.559925,-0.607179,9.696613,93.590073,98.943535

19.2292728,-1.523630,9.569496,-0.573679,9.706998,93.388130,99.046547

19.2316189,-1.528415,9.545568,-0.588036,9.685024,93.480911,99.096863

19.2339649,-1.499702,9.531211,-0.597607,9.666965,93.544258,98.941971

19.2363110,-1.523630,9.555139,-0.597607,9.694290,93.534256,99.059914

19.2386570,-1.518844,9.569496,-0.621536,9.709194,93.670311,99.018600

19.2410030,-1.542772,9.559925,-0.635893,9.704467,93.757042,99.167305

19.2433472,-1.494916,9.564711,-0.650250,9.702643,93.842712,98.883171

19.2456951,-1.528415,9.593424,-0.650250,9.736152,93.829468,99.052231

19.2480392,-1.600200,9.583853,-0.674178,9.739886,93.969086,99.479141

19.2503872,-1.604986,9.569496,-0.712463,9.729278,94.199455,99.520973

19.2527313,-1.595415,9.555139,-0.707677,9.713230,94.178101,99.479187

19.2550755,-1.585843,9.579067,-0.693320,9.734173,94.084373,99.400223

19.2574234,-1.595415,9.588638,-0.664607,9.743154,93.911339,99.446671

19.2597675,-1.585843,9.540782,-0.664607,9.694489,93.931000,99.437271

19.2621136,-1.585843,9.555139,-0.616750,9.705460,93.643417,99.423347

19.2644596,-1.604986,9.569496,-0.635893,9.723970,93.749496,99.520973

19.2668056,-1.585843,9.550353,-0.650250,9.702936,93.842598,99.427986

19.2691498,-1.595415,9.598209,-0.664607,9.752573,93.907555,99.437424

19.2714977,-1.581058,9.569496,-0.640678,9.720364,93.779160,99.381569

19.2738438,-1.571486,9.583853,-0.611964,9.731100,93.605568,99.312050

19.2761898,-1.533201,9.545568,-0.611964,9.687263,93.621902,99.124863

19.2785358,-1.542772,9.550353,-0.549751,9.689769,93.252434,99.176338

19.2808819,-1.466202,9.526425,-0.530608,9.653190,93.150978,98.749680

19.2832279,-1.461416,9.555139,-0.506680,9.679522,93.000549,98.695755

19.2855740,-1.437488,9.602996,-0.544965,9.725271,93.212311,98.513489

19.2879181,-1.423131,9.574282,-0.544965,9.694800,93.222420,98.454605

19.2902641,-1.442274,9.564711,-0.544965,9.688180,93.224617,98.575096

19.2926102,-1.442274,9.555139,-0.535394,9.678196,93.171196,98.583557

19.2949562,-1.451845,9.583853,-0.535394,9.707973,93.161461,98.614166

19.2973022,-1.423131,9.559925,-0.530608,9.679825,93.142296,98.467117

19.2996483,-1.480559,9.588638,-0.497109,9.714996,92.933060,98.777588

19.3019943,-1.494916,9.569496,-0.530608,9.700081,93.135727,98.878799

19.3043404,-1.518844,9.550353,-0.511466,9.683890,93.027550,99.036377

19.3066864,-1.523630,9.559925,-0.525823,9.694849,93.109093,99.055458

19.3090305,-1.490130,9.550353,-0.525823,9.680198,93.113808,98.868286

19.3113785,-1.494916,9.540782,-0.497109,9.669974,92.946732,98.905098

19.3137226,-1.485345,9.569496,-0.506680,9.697330,92.995033,98.822853

19.3160686,-1.514058,9.545568,-0.511466,9.678421,93.029266,99.012817

19.3184147,-1.547558,9.579067,-0.554537,9.719104,93.270866,99.177193

19.3207607,-1.552344,9.521640,-0.568894,9.664110,93.374763,99.259651

19.3231049,-1.561915,9.559925,-0.588036,9.704511,93.473915,99.279083

19.3254509,-1.585843,9.555139,-0.611964,9.705157,93.615219,99.423347

19.3277969,-1.561915,9.559925,-0.607179,9.705689,93.586708,99.279083

19.3301430,-1.533201,9.550353,-0.602393,9.691380,93.563667,99.120369

19.3324890,-1.552344,9.593424,-0.607179,9.737157,93.575104,99.191551

19.3348351,-1.542772,9.569496,-0.602393,9.711760,93.556175,99.158295

19.3371811,-1.571486,9.564711,-0.611964,9.712248,93.612572,99.330360

19.3395271,-1.547558,9.555139,-0.611964,9.698975,93.617523,99.199783

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19.3442192,-1.485345,9.540782,-0.564108,9.672175,93.343544,98.848984

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19.3512573,-1.466202,9.555139,-0.578465,9.684268,93.424454,98.723785

19.3536034,-1.475773,9.588638,-0.588036,9.719346,93.468605,98.749657

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19.3582954,-1.447060,9.550353,-0.578465,9.676665,93.427147,98.615860

19.3606396,-1.451845,9.569496,-0.578465,9.696275,93.420212,98.626892

19.3629856,-1.475773,9.569496,-0.611964,9.701941,93.616417,98.766884

19.3653316,-1.461416,9.545568,-0.597607,9.675263,93.541214,98.704338

19.3676777,-1.490130,9.559925,-0.559322,9.691517,93.308525,98.859550

19.3700237,-1.494916,9.564711,-0.559322,9.696974,93.306664,98.883171

19.3723717,-1.537987,9.526425,-0.564108,9.666250,93.345596,99.170944

19.3747158,-1.581058,9.555139,-0.592822,9.703188,93.502701,99.395416

19.3770638,-1.600200,9.579067,-0.588036,9.729591,93.464951,99.483788

19.3794079,-1.628914,9.569496,-0.616750,9.726715,93.635437,99.660263

19.3817539,-1.614557,9.535996,-0.631107,9.692281,93.733421,99.609718

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19.3887901,-1.600200,9.540782,-0.645464,9.695555,93.817184,99.521149

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19.3934822,-1.585843,9.588638,-0.583251,9.736379,93.434319,99.391014

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19.4005184,-1.561915,9.545568,-0.597607,9.690953,93.535477,99.292801

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19.4145947,-1.537987,9.555139,-0.592822,9.696263,93.505203,99.143852

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19.4192867,-1.571486,9.550353,-0.592822,9.696919,93.504967,99.344139

19.4216347,-1.571486,9.535996,-0.607179,9.683670,93.594879,99.357964

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19.4263268,-1.557129,9.540782,-0.578465,9.684307,93.424438,99.269386

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19.4591694,-1.470988,9.540782,-0.597607,9.671993,93.542412,98.764786

19.4615154,-1.494916,9.555139,-0.568894,9.688090,93.366394,98.891930

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19.4896698,-1.466202,9.555139,-0.540180,9.682056,93.198296,98.723785

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19.5014019,-1.442274,9.545568,-0.521037,9.667962,93.089348,98.592033

19.5037460,-1.461416,9.564711,-0.549751,9.691319,93.251915,98.687180

19.5060940,-1.480559,9.545568,-0.559322,9.675885,93.313873,98.816574

19.5084381,-1.480559,9.555139,-0.602393,9.687910,93.564941,98.807877

19.5107861,-1.504487,9.555139,-0.607179,9.691895,93.591827,98.947945

19.5131321,-1.585843,9.574282,-0.621536,9.724612,93.664482,99.404839

19.5154781,-1.614557,9.545568,-0.669392,9.704265,93.955353,99.600266

19.5178242,-1.628914,9.545568,-0.712463,9.709728,94.207932,99.684021

19.5201702,-1.643271,9.550353,-0.736391,9.718635,94.345528,99.762939

19.5225163,-1.681556,9.540782,-0.760319,9.717625,94.487480,99.995682

19.5248642,-1.710270,9.569496,-0.789033,9.753095,94.640343,100.132973

19.5272083,-1.705484,9.540782,-0.760319,9.721794,94.485550,100.134995

19.5295563,-1.695913,9.559925,-0.750748,9.738168,94.421509,100.059509

19.5319004,-1.695913,9.574282,-0.755534,9.752631,94.443138,100.044739

19.5342464,-1.695913,9.569496,-0.745962,9.747196,94.389191,100.049660

19.5365925,-1.715056,9.555139,-0.760319,9.737565,94.478271,100.175690

19.5389385,-1.686342,9.540782,-0.741177,9.716976,94.374573,100.023552

19.5412846,-1.628914,9.540782,-0.707677,9.704674,94.181793,99.688789

19.5436306,-1.633700,9.540782,-0.702892,9.705131,94.153267,99.716713

19.5459766,-1.585843,9.555139,-0.674178,9.709278,93.981621,99.423347

19.5483208,-1.528415,9.531211,-0.678963,9.676829,94.023399,99.110329

19.5506687,-1.523630,9.545568,-0.635893,9.687294,93.763710,99.068848

19.5530148,-1.581058,9.559925,-0.635893,9.710627,93.754654,99.390793

19.5553608,-1.499702,9.550353,-0.616750,9.687039,93.650352,98.924339

19.5577068,-1.528415,9.535996,-0.621536,9.677685,93.682274,99.105835

19.5600529,-1.514058,9.583853,-0.583251,9.720225,93.440033,98.977402

19.5623970,-1.523630,9.593424,-0.631107,9.734142,93.717346,99.024353

19.5647449,-1.518844,9.574282,-0.611964,9.713304,93.612183,99.014168

19.5670891,-1.523630,9.555139,-0.597607,9.694290,93.534256,99.059914

19.5694370,-1.533201,9.550353,-0.602393,9.691380,93.563667,99.120369

19.5717812,-1.523630,9.535996,-0.640678,9.678179,93.795654,99.077797

19.5741272,-1.561915,9.574282,-0.650250,9.722616,93.834808,99.265411

19.5764732,-1.542772,9.540782,-0.669392,9.687866,93.962059,99.185387

19.5788193,-1.552344,9.540782,-0.674178,9.689727,93.989662,99.241394

19.5811653,-1.566701,9.521640,-0.698106,9.674891,94.137856,99.343781

19.5835114,-1.542772,9.531211,-0.698106,9.680469,94.135468,99.194450

19.5858574,-1.576272,9.535996,-0.717249,9.691971,94.244019,99.385948

19.5882015,-1.609771,9.540782,-0.726820,9.702894,94.295906,99.577049

19.5905495,-1.595415,9.492926,-0.702892,9.651686,94.176308,99.540176

19.5928936,-1.604986,9.488140,-0.683749,9.647191,94.064270,99.601097

19.5952415,-1.662413,9.483355,-0.693320,9.652892,94.118820,99.942810

19.5975857,-1.667199,9.512068,-0.688535,9.681584,94.078201,99.941368

19.5999336,-1.686342,9.535996,-0.621536,9.703879,93.672325,100.028481

19.6022778,-1.705484,9.516854,-0.611964,9.687812,93.621696,100.159943

19.6046257,-1.734198,9.478569,-0.559322,9.652127,93.322044,100.368156

19.6069698,-1.758126,9.507282,-0.564108,9.684918,93.339142,100.477020

19.6093159,-1.734198,9.526425,-0.573679,9.699965,93.390587,100.317192

19.6116638,-1.691127,9.488140,-0.611964,9.657082,93.633240,100.106041

19.6140079,-1.643271,9.488140,-0.640678,9.650680,93.806488,99.825706

19.6163559,-1.643271,9.502497,-0.659821,9.666082,93.914139,99.811150

19.6187000,-1.600200,9.531211,-0.683749,9.688764,94.046806,99.530533

19.6210461,-1.614557,9.555139,-0.674178,9.714009,93.979675,99.590828

19.6233921,-1.628914,9.569496,-0.655035,9.729218,93.860451,99.660263

19.6257381,-1.590629,9.588638,-0.650250,9.741402,93.827400,99.418846

19.6280842,-1.638485,9.579067,-0.635893,9.738969,93.743713,99.706421

19.6304302,-1.662413,9.569496,-0.626321,9.732993,93.689552,99.855072

19.6327763,-1.638485,9.564711,-0.635893,9.724849,93.749153,99.720718

19.6351223,-1.638485,9.569496,-0.645464,9.730186,93.803581,99.715950

19.6374664,-1.638485,9.574282,-0.674178,9.736838,93.970329,99.711182

19.6398144,-1.652842,9.559925,-0.698106,9.726839,94.115723,99.809059

19.6421585,-1.657628,9.540782,-0.702892,9.709187,94.151527,99.856255

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19.6468506,-1.624128,9.526425,-0.741177,9.692261,94.385750,99.675140

19.6491966,-1.638485,9.579067,-0.750748,9.747142,94.417435,99.706421

19.6515427,-1.633700,9.564711,-0.750748,9.732229,94.424217,99.692863

19.6538887,-1.619343,9.583853,-0.769891,9.750140,94.528908,99.590439

19.6562366,-1.600200,9.564711,-0.803390,9.730866,94.735786,99.497765

19.6585808,-1.590629,9.569496,-0.769891,9.731295,94.537697,99.437347

19.6609268,-1.609771,9.516854,-0.745962,9.680823,94.419350,99.600677

19.6632729,-1.624128,9.531211,-0.736391,9.696600,94.355423,99.670380

19.6656189,-1.619343,9.540782,-0.765105,9.707429,94.520538,99.632927

19.6679649,-1.590629,9.545568,-0.760319,9.707010,94.492401,99.460579

19.6703110,-1.600200,9.550353,-0.808176,9.717152,94.770805,99.511780

19.6726570,-1.590629,9.555139,-0.808176,9.720284,94.769264,99.451271

19.6750031,-1.523630,9.550353,-0.803390,9.704439,94.748711,99.064384

19.6773491,-1.547558,9.579067,-0.750748,9.732270,94.424194,99.177193

19.6796951,-1.552344,9.574282,-0.765105,9.729442,94.510292,99.209610

19.6820412,-1.537987,9.550353,-0.750748,9.702488,94.437805,99.148354

19.6843872,-1.552344,9.564711,-0.717249,9.716373,94.233345,99.218674

19.6867332,-1.537987,9.531211,-0.712463,9.680754,94.220543,99.166420

19.6890774,-1.523630,9.555139,-0.707677,9.701697,94.183083,99.059914

19.6914253,-1.528415,9.564711,-0.698106,9.711184,94.122368,99.078957

19.6937695,-1.528415,9.564711,-0.674178,9.709493,93.981529,99.078957

19.6961155,-1.528415,9.574282,-0.674178,9.718922,93.977661,99.070030

19.6984596,-1.518844,9.602996,-0.669392,9.745383,93.938644,98.987656

19.7008076,-1.494916,9.535996,-0.645464,9.674018,93.825699,98.909492

19.7031517,-1.494916,9.574282,-0.655035,9.712399,93.867149,98.874435

19.7054977,-1.504487,9.593424,-0.655035,9.732745,93.859047,98.912811

19.7078438,-1.509273,9.569496,-0.669392,9.710883,93.952660,98.962692

19.7101898,-1.485345,9.569496,-0.702892,9.709560,94.151367,98.822853

19.7125340,-1.466202,9.569496,-0.683749,9.705283,94.039902,98.710899

19.7148781,-1.466202,9.602996,-0.655035,9.736341,93.857620,98.680977

19.7172260,-1.447060,9.545568,-0.650250,9.676500,93.853111,98.620117

19.7195721,-1.470988,9.579067,-0.616750,9.710958,93.641350,98.730301

19.7219181,-1.447060,9.579067,-0.616750,9.707362,93.642700,98.590424

19.7242641,-1.509273,9.569496,-0.631107,9.708319,93.727242,98.962692

19.7266102,-1.518844,9.583853,-0.611964,9.722737,93.608673,99.005310

19.7289543,-1.514058,9.545568,-0.597607,9.683355,93.538254,99.012817

19.7313023,-1.514058,9.516854,-0.611964,9.655951,93.633667,99.039558

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19.7359943,-1.537987,9.535996,-0.635893,9.680134,93.766502,99.161896

19.7383385,-1.514058,9.535996,-0.635893,9.676361,93.767967,99.021713

19.7406864,-1.576272,9.550353,-0.640678,9.700740,93.786812,99.372093

19.7430305,-1.547558,9.598209,-0.645464,9.743571,93.798347,99.159203

19.7453766,-1.552344,9.598209,-0.688535,9.747281,94.050667,99.187042

19.7477226,-1.561915,9.574282,-0.745962,9.729486,94.397202,99.265411

19.7500706,-1.566701,9.559925,-0.731606,9.715038,94.318832,99.307022

19.7524147,-1.585843,9.545568,-0.760319,9.706227,94.492760,99.432625

19.7547588,-1.585843,9.540782,-0.812962,9.705789,94.804749,99.437271

19.7571068,-1.561915,9.545568,-0.789033,9.704638,94.663567,99.292801

19.7594509,-1.566701,9.555139,-0.793819,9.715214,94.686798,99.311600

19.7617989,-1.571486,9.564711,-0.784248,9.724624,94.625671,99.330360

19.7641430,-1.604986,9.559925,-0.769891,9.724242,94.540993,99.530334

19.7664909,-1.581058,9.574282,-0.779462,9.735203,94.592377,99.376961

19.7688351,-1.581058,9.502497,-0.760319,9.663088,94.512863,99.446526

19.7711830,-1.576272,9.545568,-0.731606,9.702460,94.324440,99.376709

19.7735271,-1.542772,9.540782,-0.736391,9.692726,94.357162,99.185387

19.7758751,-1.561915,9.526425,-0.736391,9.681664,94.362152,99.311150

19.7782192,-1.542772,9.574282,-0.726820,9.724982,94.286133,99.153793

19.7805672,-1.528415,9.540782,-0.760319,9.692299,94.499229,99.101349

19.7829113,-1.485345,9.555139,-0.760319,9.699742,94.495773,98.835899

19.7852592,-1.475773,9.574282,-0.769891,9.717896,94.543961,98.762573

19.7876034,-1.451845,9.574282,-0.769891,9.714292,94.545654,98.622650

19.7899513,-1.470988,9.574282,-0.750748,9.715672,94.431770,98.734596

19.7922955,-1.418346,9.579067,-0.741177,9.711827,94.376892,98.422432

19.7946415,-1.423131,9.564711,-0.731606,9.697640,94.326599,98.462936

19.7969875,-1.427917,9.540782,-0.731606,9.674747,94.336853,98.511971

19.7993336,-1.413560,9.564711,-0.726820,9.695881,94.299019,98.406837

19.8016796,-1.423131,9.574282,-0.712463,9.705657,94.209694,98.454605

19.8040257,-1.447060,9.559925,-0.707677,9.694687,94.186111,98.607361

19.8063717,-1.447060,9.559925,-0.683749,9.692969,94.045044,98.607361

19.8087177,-1.442274,9.540782,-0.659821,9.671713,93.911858,98.596275

19.8110638,-1.470988,9.550353,-0.655035,9.685149,93.878044,98.756142

19.8134098,-1.490130,9.569496,-0.655035,9.706946,93.869324,98.850830

19.8157558,-1.470988,9.574282,-0.712463,9.712790,94.206596,98.734596

19.8181019,-1.499702,9.559925,-0.731606,9.704459,94.323547,98.915543

19.8204498,-1.456631,9.574282,-0.707677,9.710276,94.179375,98.650642

19.8227940,-1.480559,9.564711,-0.664607,9.701415,93.928192,98.799202

19.8251419,-1.518844,9.583853,-0.597607,9.721844,93.524223,99.005310

19.8274860,-1.514058,9.612567,-0.525823,9.745271,93.092995,98.951019

19.8298340,-1.547558,9.593424,-0.492323,9.729908,92.900345,99.163696

19.8321781,-1.499702,9.598209,-0.521037,9.728628,93.070061,98.880554

19.8345222,-1.509273,9.555139,-0.540180,9.688673,93.196114,98.975945

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19.8392143,-1.432703,9.588638,-0.592822,9.713190,93.499092,98.498077

19.8415623,-1.423131,9.579067,-0.640678,9.705375,93.785004,98.450439

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19.8462524,-1.365704,9.626924,-0.645464,9.744713,93.797897,98.074272

19.8485966,-1.380060,9.617352,-0.683749,9.739895,94.025528,98.166023

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19.8673649,-1.547558,9.569496,-0.750748,9.722850,94.428490,99.186218

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19.8861332,-1.600200,9.550353,-0.774676,9.714422,94.573906,99.511780

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19.9518166,-1.662413,9.626924,-0.956531,9.816121,95.592056,99.797432

19.9541607,-1.662413,9.550353,-0.946960,9.740103,95.579269,99.874443

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19.9752750,-1.437488,9.598209,-0.793819,9.737667,94.675964,98.517670

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19.9870052,-1.260419,9.526425,-0.616750,9.629216,93.672302,97.536896

19.9893494,-1.274776,9.531211,-0.592822,9.634338,93.527763,97.617958

19.9916954,-1.298705,9.550353,-0.554537,9.654190,93.292885,97.743866

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19.9963875,-1.274776,9.559925,-0.497109,9.657346,92.950584,97.595345

19.9987316,-1.308276,9.526425,-0.497109,9.628680,92.959381,97.819588

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20.0433025,-1.418346,9.555139,-0.477966,9.671651,92.832672,98.443222

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20.1089878,-1.590629,9.583853,-0.894317,9.756031,95.259583,99.423462

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20.1277561,-1.547558,9.612567,-0.903889,9.778211,95.303940,99.145752

20.1301003,-1.485345,9.583853,-0.884746,9.738544,95.212509,98.809845

20.1324463,-1.490130,9.574282,-0.865604,9.728136,95.104897,98.846474

20.1347923,-1.451845,9.574282,-0.832104,9.719420,94.911247,98.622650

20.1371384,-1.418346,9.545568,-0.832104,9.686173,94.928146,98.451561

20.1394825,-1.370489,9.531211,-0.803390,9.662694,94.769279,98.182457

20.1418304,-1.360918,9.559925,-0.798605,9.689274,94.727768,98.101990

20.1441746,-1.351347,9.550353,-0.769891,9.676163,94.563606,98.053719

20.1465206,-1.356132,9.574282,-0.779462,9.701213,94.608505,98.061928

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20.1512127,-1.365704,9.602996,-0.779462,9.730890,94.594421,98.094124

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20.1582508,-1.399203,9.579067,-0.688535,9.705173,94.068275,98.310356

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20.1840534,-1.528415,9.555139,-0.702892,9.702102,94.154564,99.087898

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20.1957817,-1.595415,9.574282,-0.769891,9.736784,94.535133,99.460579

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20.4514713,-1.509273,9.550353,-0.817747,9.703394,94.834297,98.980370

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20.4561615,-1.528415,9.574282,-0.779462,9.726792,94.596359,99.070030

20.4585075,-1.552344,9.564711,-0.760319,9.719647,94.486549,99.218674

20.4608536,-1.528415,9.569496,-0.769891,9.721319,94.542358,99.074493

20.4631996,-1.509273,9.550353,-0.798605,9.701800,94.721649,98.980370

20.4655437,-1.494916,9.559925,-0.769891,9.706682,94.549225,98.887550

20.4678917,-1.451845,9.540782,-0.784248,9.682428,94.645874,98.652466

20.4702358,-1.413560,9.555139,-0.765105,9.689386,94.528976,98.415138

20.4725838,-1.408774,9.579067,-0.803390,9.715380,94.743355,98.366402

20.4749279,-1.380060,9.607781,-0.793819,9.738797,94.675423,98.174049

20.4772758,-1.418346,9.588638,-0.803390,9.726209,94.738060,98.414146

20.4796200,-1.408774,9.569496,-0.803390,9.705943,94.747978,98.374649

20.4819679,-1.418346,9.583853,-0.784248,9.719927,94.627914,98.418282

20.4843121,-1.447060,9.555139,-0.779462,9.695474,94.611237,98.611610

20.4866581,-1.418346,9.569496,-0.755534,9.703494,94.465683,98.430733

20.4890041,-1.451845,9.593424,-0.779462,9.733920,94.592987,98.605698

20.4913502,-1.447060,9.583853,-0.755534,9.721885,94.457222,98.586197

20.4936962,-1.470988,9.540782,-0.736391,9.681560,94.362198,98.764786

20.4960442,-1.466202,9.550353,-0.745962,9.690998,94.414696,98.728096

20.4983883,-1.494916,9.555139,-0.745962,9.700098,94.410545,98.891930

20.5007324,-1.485345,9.574282,-0.726820,9.716038,94.290085,98.818512

20.5030804,-1.490130,9.555139,-0.731606,9.698269,94.326317,98.863914

20.5054245,-1.451845,9.574282,-0.760319,9.713537,94.489372,98.622650

20.5077724,-1.485345,9.531211,-0.765105,9.676550,94.534996,98.857735

20.5101166,-1.451845,9.555139,-0.769891,9.695425,94.554520,98.639664

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20.5148087,-1.451845,9.540782,-0.789033,9.682817,94.674103,98.652466

20.5171547,-1.437488,9.550353,-0.798605,9.690892,94.726974,98.559723

20.5195007,-1.442274,9.569496,-0.765105,9.707770,94.520378,98.570869

20.5218468,-1.480559,9.564711,-0.745962,9.707327,94.407257,98.799202

20.5241928,-1.499702,9.564711,-0.750748,9.710634,94.434074,98.911156

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20.5312309,-1.408774,9.564711,-0.760319,9.697753,94.496696,98.378784

20.5335770,-1.437488,9.579067,-0.784248,9.718021,94.628822,98.534439

20.5359249,-1.403989,9.569496,-0.808176,9.705647,94.776474,98.346603

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20.5406132,-1.466202,9.588638,-0.822533,9.734900,94.846886,98.693779

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20.5453053,-1.485345,9.559925,-0.760319,9.704457,94.493584,98.831543

20.5476532,-1.490130,9.535996,-0.726820,9.679049,94.306511,98.881424

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20.5546894,-1.571486,9.507282,-0.678963,9.660174,94.030342,99.385719

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20.5640736,-1.432703,9.598209,-0.765105,9.734662,94.507866,98.489723

20.5664196,-1.399203,9.612567,-0.741177,9.742102,94.363266,98.281799

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20.5851841,-1.499702,9.574282,-0.817747,9.725466,94.823303,98.902390

20.5875320,-1.523630,9.559925,-0.832104,9.716276,94.912842,99.055458

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20.5969162,-1.528415,9.535996,-0.851247,9.695148,95.037132,99.105835

20.5992603,-1.561915,9.555139,-0.841675,9.718471,94.968369,99.283653

20.6016064,-1.571486,9.535996,-0.832104,9.700371,94.920914,99.357964

20.6039524,-1.576272,9.540782,-0.803390,9.703432,94.749207,99.381325

20.6062984,-1.585843,9.569496,-0.803390,9.733221,94.734642,99.409462

20.6086445,-1.571486,9.574282,-0.803390,9.735599,94.733482,99.321198

20.6109886,-1.557129,9.569496,-0.817747,9.729780,94.821159,99.242058

20.6133347,-1.514058,9.540782,-0.836890,9.696354,94.951347,99.017265

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20.6180267,-1.485345,9.550353,-0.789033,9.697323,94.667091,98.840256

20.6203728,-1.466202,9.579067,-0.755534,9.720037,94.458069,98.702332

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20.6250648,-1.418346,9.550353,-0.755534,9.684615,94.474411,98.447388

20.6274128,-1.423131,9.583853,-0.750748,9.717981,94.430717,98.446281

20.6297569,-1.418346,9.569496,-0.765105,9.704244,94.522026,98.430733

20.6321030,-1.370489,9.559925,-0.750748,9.686797,94.445007,98.158211

20.6344490,-1.380060,9.569496,-0.798605,9.701422,94.721832,98.206306

20.6367950,-1.408774,9.559925,-0.803390,9.696507,94.752609,98.382919

20.6391411,-1.437488,9.574282,-0.812962,9.715665,94.799858,98.538643

20.6414871,-1.442274,9.550353,-0.765105,9.688900,94.529198,98.587791

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20.6461773,-1.514058,9.521640,-0.726820,9.668623,94.311165,99.035095

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20.6532173,-1.494916,9.531211,-0.717249,9.674357,94.251762,98.913895

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20.6579094,-1.585843,9.497711,-0.712463,9.655518,94.231598,99.479294

20.6602535,-1.566701,9.516854,-0.698106,9.670182,94.139877,99.348396

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20.6813698,-1.403989,9.555139,-0.645464,9.679281,93.823616,98.358971

20.6837139,-1.399203,9.602996,-0.635893,9.725207,93.749016,98.289940

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20.6930981,-1.423131,9.593424,-0.722034,9.725246,94.257744,98.437973

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20.6977921,-1.451845,9.579067,-0.765105,9.718630,94.515320,98.618401

20.7001362,-1.470988,9.559925,-0.793819,9.704953,94.691765,98.747505

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20.7142143,-1.614557,9.521640,-0.836890,9.693751,94.952675,99.623940

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20.9229927,-1.265205,9.617352,-0.769891,9.730722,94.537964,97.494476

20.9253368,-1.269991,9.598209,-0.765105,9.712049,94.518387,97.537331

20.9276829,-1.308276,9.559925,-0.774676,9.680076,94.590172,97.792519

20.9300289,-1.289133,9.607781,-0.779462,9.725168,94.597130,97.642075

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20.9347191,-1.336990,9.598209,-0.779462,9.722178,94.598541,97.930031

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20.9394093,-1.408774,9.555139,-0.822533,9.693394,94.867683,98.387054

20.9417553,-1.413560,9.574282,-0.803390,9.711357,94.745323,98.398552

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20.9511375,-1.456631,9.574282,-0.750748,9.713510,94.432755,98.650642

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20.9581718,-1.427917,9.559925,-0.760319,9.695834,94.497589,98.495171

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20.9628639,-1.427917,9.550353,-0.765105,9.686773,94.530197,98.503563

20.9652100,-1.447060,9.579067,-0.722034,9.714620,94.262413,98.590424

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20.9792862,-1.418346,9.531211,-0.698106,9.661420,94.143639,98.464111

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20.9839783,-1.408774,9.516854,-0.650250,9.642509,93.866714,98.420311

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21.0496559,-1.427917,9.574282,-0.793819,9.712670,94.688026,98.482620

21.0520020,-1.423131,9.602996,-0.812962,9.741855,94.786919,98.429688

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21.0989151,-1.370489,9.579067,-0.707677,9.702453,94.182755,98.142128

21.1012611,-1.399203,9.564711,-0.702892,9.692034,94.158890,98.322655

21.1036072,-1.384846,9.559925,-0.707677,9.685596,94.190048,98.242500

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21.1622524,-1.485345,9.559925,-0.755534,9.704083,94.465416,98.831543

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21.1692886,-1.423131,9.555139,-0.736391,9.688562,94.359039,98.471291

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21.1763248,-1.332204,9.574282,-0.731606,9.694167,94.328148,97.921501

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21.1810150,-1.365704,9.598209,-0.726820,9.722090,94.287415,98.098106

21.1833630,-1.351347,9.564711,-0.726820,9.687007,94.302971,98.041786

21.1857071,-1.356132,9.593424,-0.745962,9.717476,94.402641,98.046059

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21.3874416,-1.394417,9.559925,-0.750748,9.690210,94.443436,98.298683

21.3897877,-1.380060,9.559925,-0.707677,9.684913,94.190338,98.214409

21.3921337,-1.356132,9.583853,-0.702892,9.704813,94.153404,98.053986

21.3944778,-1.384846,9.617352,-0.712463,9.742632,94.193695,98.193954

21.3968258,-1.360918,9.569496,-0.731606,9.693431,94.328476,98.093994

21.3991699,-1.408774,9.602996,-0.731606,9.733315,94.310707,98.345848

21.4015160,-1.389632,9.583853,-0.722034,9.710955,94.264023,98.250229

21.4038620,-1.399203,9.579067,-0.731606,9.708323,94.321823,98.310356

21.4062080,-1.394417,9.579067,-0.741177,9.708361,94.378456,98.282326

21.4085541,-1.427917,9.612567,-0.745962,9.746633,94.389450,98.449326

21.4109001,-1.427917,9.579067,-0.784248,9.716611,94.629494,98.478439

21.4132442,-1.447060,9.555139,-0.750748,9.693208,94.442062,98.611610

21.4155922,-1.466202,9.540782,-0.760319,9.682683,94.503708,98.736717

21.4179363,-1.423131,9.579067,-0.760319,9.714006,94.489159,98.450439

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21.4249725,-1.494916,9.564711,-0.745962,9.709527,94.406258,98.883171

21.4273186,-1.490130,9.555139,-0.755534,9.700103,94.467247,98.863914

21.4296646,-1.494916,9.545568,-0.774676,9.692923,94.584076,98.900703

21.4320107,-1.485345,9.535996,-0.760319,9.680886,94.504547,98.853355

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21.4367027,-1.461416,9.516854,-0.736391,9.656528,94.373528,98.730194

21.4390469,-1.432703,9.535996,-0.750748,9.672201,94.451729,98.544296

21.4413929,-1.437488,9.564711,-0.741177,9.700485,94.382019,98.547058

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21.4484291,-1.490130,9.564711,-0.722034,9.706983,94.265770,98.855186

21.4507751,-1.447060,9.588638,-0.698106,9.722310,94.117638,98.581970

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21.4578133,-1.456631,9.574282,-0.707677,9.710276,94.179375,98.650642

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21.4648495,-1.451845,9.545568,-0.750748,9.684489,94.446068,98.648193

21.4671974,-1.437488,9.579067,-0.736391,9.714277,94.347481,98.534439

21.4695415,-1.480559,9.540782,-0.717249,9.681581,94.248581,98.820923

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21.4742336,-1.447060,9.550353,-0.717249,9.685952,94.246658,98.615860

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21.4789257,-1.499702,9.574282,-0.736391,9.718964,94.345383,98.902390

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21.5000381,-1.408774,9.588638,-0.760319,9.721354,94.485756,98.358170

21.5023842,-1.432703,9.574282,-0.774676,9.711829,94.575134,98.510635

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21.5070763,-1.418346,9.564711,-0.750748,9.698402,94.439674,98.434891

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21.5117683,-1.413560,9.574282,-0.755534,9.707516,94.463829,98.398552

21.5141125,-1.437488,9.607781,-0.731606,9.742232,94.306755,98.509308

21.5164585,-1.418346,9.583853,-0.702892,9.713701,94.149597,98.418282

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21.5258408,-1.408774,9.555139,-0.674178,9.681933,93.992882,98.387054

21.5281868,-1.375275,9.583853,-0.683749,9.706139,94.039551,98.166145

21.5305309,-1.351347,9.607781,-0.726820,9.729536,94.284126,98.006203

21.5328789,-1.408774,9.574282,-0.698106,9.702518,94.126053,98.370522

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21.5493011,-1.475773,9.579067,-0.722034,9.718939,94.260513,98.758263

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21.6431408,-1.437488,9.555139,-0.803390,9.696004,94.752853,98.555496

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21.8519287,-1.480559,9.545568,-0.497109,9.672488,92.945961,98.816574

21.8542728,-1.499702,9.574282,-0.487538,9.703281,92.880020,98.902390

21.8566170,-1.523630,9.593424,-0.477966,9.725414,92.817001,99.024353

21.8589649,-1.504487,9.526425,-0.463609,9.655630,92.752083,98.974472

21.8613091,-1.523630,9.507282,-0.482752,9.640690,92.870255,99.104759

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21.8660011,-1.509273,9.535996,-0.530608,9.669265,93.145729,98.993668

21.8683472,-1.518844,9.550353,-0.530608,9.684920,93.140640,99.036377

21.8706913,-1.523630,9.555139,-0.525823,9.690129,93.110611,99.059914

21.8730392,-1.537987,9.550353,-0.554537,9.689281,93.280945,99.148354

21.8753834,-1.537987,9.516854,-0.568894,9.657099,93.377213,99.180008

21.8777313,-1.557129,9.521640,-0.592822,9.666319,93.516075,99.287697

21.8800774,-1.504487,9.507282,-0.645464,9.647202,93.836349,98.992249

21.8824234,-1.557129,9.545568,-0.669392,9.694875,93.959190,99.264824

21.8847694,-1.590629,9.588638,-0.702892,9.745057,94.136223,99.418846

21.8871155,-1.604986,9.564711,-0.722034,9.725276,94.257729,99.525650

21.8894615,-1.581058,9.574282,-0.717249,9.730419,94.227219,99.376961

21.8918076,-1.581058,9.588638,-0.669392,9.741140,93.940361,99.363174

21.8941536,-1.600200,9.545568,-0.669392,9.701886,93.956329,99.516464

21.8964977,-1.557129,9.559925,-0.664607,9.708683,93.925247,99.251152

21.8988457,-1.547558,9.550353,-0.659821,9.697399,93.901474,99.204315

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21.9035378,-1.547558,9.559925,-0.674178,9.707812,93.982224,99.195259

21.9058819,-1.547558,9.569496,-0.669392,9.716907,93.950203,99.186218

21.9082298,-1.523630,9.569496,-0.688535,9.714463,94.064377,99.046547

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21.9129219,-1.561915,9.602996,-0.712463,9.755240,94.188263,99.238190

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21.9199581,-1.547558,9.550353,-0.702892,9.700424,94.155289,99.204315

21.9223061,-1.547558,9.583853,-0.669392,9.731046,93.944450,99.172691

21.9246502,-1.537987,9.598209,-0.664607,9.743343,93.911263,99.103508

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21.9293423,-1.518844,9.607781,-0.588036,9.744852,93.459518,98.983253

21.9316902,-1.509273,9.579067,-0.540180,9.712273,93.188339,98.953888

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21.9363804,-1.509273,9.516854,-0.564108,9.652287,93.350441,99.011459

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21.9410725,-1.485345,9.550353,-0.535394,9.679986,93.170609,98.840256

21.9434204,-1.466202,9.574282,-0.497109,9.698647,92.938011,98.706612

21.9457645,-1.423131,9.555139,-0.525823,9.674836,93.115532,98.471291

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21.9504566,-1.442274,9.550353,-0.477966,9.670463,92.833023,98.587791

21.9528046,-1.418346,9.564711,-0.487538,9.681585,92.886475,98.434891

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21.9574947,-1.499702,9.607781,-0.439681,9.734058,92.588898,98.871841

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21.9833012,-1.533201,9.516854,-0.516252,9.653380,93.065575,99.151932

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21.9926853,-1.514058,9.526425,-0.568894,9.662753,93.375237,99.030632

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22.0020676,-1.542772,9.569496,-0.578465,9.710305,93.415260,99.158295

22.0044136,-1.566701,9.526425,-0.602393,9.673169,93.570381,99.339172

22.0067596,-1.552344,9.550353,-0.616750,9.695329,93.647224,99.232292

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22.0114517,-1.552344,9.559925,-0.626321,9.705371,93.700066,99.223206

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22.0161419,-1.566701,9.521640,-0.602393,9.668457,93.572128,99.343781

22.0184879,-1.571486,9.559925,-0.578465,9.705481,93.416962,99.334953

22.0208340,-1.581058,9.555139,-0.549751,9.700651,93.248779,99.395416

22.0231819,-1.542772,9.526425,-0.530608,9.665116,93.147079,99.198990

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22.0302181,-1.509273,9.569496,-0.477966,9.699568,92.824509,98.962692

22.0325661,-1.475773,9.574282,-0.535394,9.702135,93.163368,98.762573

22.0349121,-1.418346,9.583853,-0.583251,9.705777,93.445160,98.418282

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22.0466442,-1.557129,9.579067,-0.655035,9.726883,93.861382,99.232979

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22.0513363,-1.643271,9.526425,-0.698106,9.692289,94.130417,99.786987

22.0536804,-1.686342,9.521640,-0.717249,9.696382,94.242088,100.043297

22.0560284,-1.681556,9.559925,-0.664607,9.729414,93.916870,99.976067

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22.0794868,-1.667199,9.492926,-0.688535,9.662778,94.086151,99.961014

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22.0841789,-1.719841,9.540782,-0.702892,9.720001,94.146904,100.218521

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22.0982571,-1.633700,9.497711,-0.683749,9.661419,94.058273,99.759926

22.1006031,-1.600200,9.550353,-0.674178,9.706925,93.982582,99.511780

22.1029491,-1.595415,9.531211,-0.674178,9.687304,93.990669,99.502556

22.1052933,-1.585843,9.535996,-0.669392,9.690109,93.961143,99.441917

22.1076393,-1.557129,9.540782,-0.702892,9.692534,94.158676,99.269386

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22.1123314,-1.523630,9.555139,-0.712463,9.702047,94.211266,99.059914

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22.1217155,-1.595415,9.583853,-0.731606,9.743245,94.306305,99.451302

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22.1428299,-1.671985,9.550353,-0.927817,9.739899,95.466248,99.930161

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22.3140984,-1.715056,9.540782,-0.707677,9.719503,94.175400,100.190681

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22.3187904,-1.705484,9.521640,-0.731606,9.700802,94.325180,100.154945

22.3211346,-1.738984,9.531211,-0.702892,9.714016,94.149460,100.339966

22.3234825,-1.715056,9.555139,-0.683749,9.731886,94.028839,100.175690

22.3258266,-1.724627,9.550353,-0.741177,9.733084,94.367317,100.236298

22.3281746,-1.686342,9.579067,-0.736391,9.754207,94.329651,99.984299

22.3305187,-1.705484,9.550353,-0.755534,9.730815,94.453125,100.125046

22.3328667,-1.719841,9.550353,-0.755534,9.733341,94.451965,100.208496

22.3352108,-1.710270,9.555139,-0.765105,9.737099,94.506737,100.147888

22.3375587,-1.710270,9.579067,-0.745962,9.759099,94.383827,100.123062

22.3399029,-1.705484,9.569496,-0.726820,9.747420,94.276253,100.105209

22.3422489,-1.648057,9.550353,-0.707677,9.717311,94.176346,99.790817

22.3445950,-1.619343,9.502497,-0.659821,9.662044,93.915779,99.671005

22.3469410,-1.566701,9.516854,-0.640678,9.666206,93.800362,99.348396

22.3492889,-1.509273,9.531211,-0.602393,9.668752,93.572014,98.998108

22.3516331,-1.480559,9.526425,-0.583251,9.658417,93.462074,98.834007

22.3539791,-1.485345,9.574282,-0.597607,9.707227,93.529541,98.818512

22.3563251,-1.451845,9.583853,-0.588036,9.711019,93.471581,98.614166

22.3586712,-1.413560,9.602996,-0.588036,9.724272,93.466850,98.373795

22.3610172,-1.403989,9.602996,-0.583251,9.722597,93.439194,98.317894

22.3633633,-1.389632,9.583853,-0.554537,9.699939,93.277336,98.250229

22.3657093,-1.403989,9.569496,-0.549751,9.687552,93.253181,98.346603

22.3680553,-1.413560,9.545568,-0.554537,9.665585,93.288994,98.423454

22.3703995,-1.418346,9.579067,-0.597607,9.701926,93.531471,98.422432

22.3727474,-1.466202,9.569496,-0.592822,9.699302,93.504105,98.710899

22.3750916,-1.494916,9.564711,-0.621536,9.700761,93.673500,98.883171

22.3774395,-1.518844,9.555139,-0.583251,9.692664,93.449821,99.031929

22.3797855,-1.542772,9.555139,-0.597607,9.697317,93.533150,99.171822

22.3821297,-1.547558,9.569496,-0.602393,9.712522,93.555901,99.186218

22.3844757,-1.600200,9.564711,-0.616750,9.717237,93.638992,99.497765

22.3868217,-1.600200,9.540782,-0.611964,9.693382,93.619614,99.521149

22.3891678,-1.604986,9.550353,-0.607179,9.703293,93.587601,99.539711

22.3915138,-1.614557,9.540782,-0.621536,9.696372,93.675171,99.604988

22.3938618,-1.585843,9.555139,-0.635893,9.706696,93.756180,99.423347

22.3962059,-1.614557,9.526425,-0.635893,9.683178,93.765312,99.619194

22.3985538,-1.600200,9.574282,-0.645464,9.728521,93.804230,99.488441

22.4008980,-1.590629,9.555139,-0.640678,9.707793,93.784058,99.451271

22.4032459,-1.576272,9.535996,-0.635893,9.686290,93.764099,99.385948

22.4055901,-1.595415,9.526425,-0.664607,9.681933,93.936104,99.507240

22.4079380,-1.547558,9.531211,-0.650250,9.677899,93.852554,99.222488

22.4102821,-1.514058,9.588638,-0.616750,9.727011,93.635330,98.972992

22.4126301,-1.552344,9.569496,-0.602393,9.713285,93.555618,99.214142

22.4149742,-1.518844,9.617352,-0.602393,9.755164,93.540337,98.974457

22.4173203,-1.466202,9.598209,-0.607179,9.728517,93.578285,98.685242

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22.4220104,-1.485345,9.583853,-0.611964,9.717561,93.610596,98.809845

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22.4267006,-1.466202,9.564711,-0.607179,9.695468,93.590500,98.715195

22.4290485,-1.485345,9.579067,-0.578465,9.710788,93.415092,98.814171

22.4313927,-1.499702,9.588638,-0.568894,9.721869,93.354691,98.889275

22.4337406,-1.528415,9.593424,-0.559322,9.730502,93.295258,99.052231

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22.4384308,-1.514058,9.569496,-0.554537,9.704388,93.275833,98.990646

22.4407768,-1.490130,9.574282,-0.521037,9.703547,93.078011,98.846474

22.4431229,-1.504487,9.555139,-0.497109,9.685622,92.941963,98.947945

22.4454689,-1.504487,9.555139,-0.516252,9.686624,93.055046,98.947945

22.4478149,-1.509273,9.550353,-0.549751,9.684491,93.254211,98.980370

22.4501610,-1.509273,9.564711,-0.525823,9.697324,93.108299,98.967110

22.4525051,-1.523630,9.564711,-0.535394,9.700091,93.164032,99.051003

22.4548531,-1.537987,9.559925,-0.511466,9.696348,93.023659,99.139351

22.4571972,-1.542772,9.545568,-0.525823,9.683723,93.112671,99.180862

22.4595451,-1.523630,9.555139,-0.511466,9.689362,93.025841,99.059914

22.4618893,-1.590629,9.555139,-0.506680,9.699871,92.994255,99.451271

22.4642372,-1.566701,9.516854,-0.516252,9.658757,93.063866,99.348396

22.4665813,-1.614557,9.521640,-0.497109,9.670343,92.946617,99.623940

22.4689293,-1.604986,9.516854,-0.506680,9.664535,93.005211,99.572670

22.4712734,-1.576272,9.526425,-0.544965,9.671318,93.230247,99.395210

22.4736195,-1.566701,9.535996,-0.525823,9.678133,93.114471,99.329964

22.4759655,-1.561915,9.521640,-0.573679,9.665936,93.402542,99.315742

22.4783115,-1.533201,9.531211,-0.549751,9.669380,93.259300,99.138374

22.4806557,-1.566701,9.526425,-0.554537,9.670307,93.287384,99.339172

22.4829998,-1.557129,9.550353,-0.544965,9.691794,93.223419,99.260262

22.4853477,-1.552344,9.531211,-0.592822,9.674977,93.512924,99.250511

22.4876919,-1.571486,9.540782,-0.631107,9.689911,93.734337,99.353348

22.4900398,-1.595415,9.550353,-0.626321,9.702931,93.700996,99.483856

22.4923840,-1.600200,9.559925,-0.611964,9.712225,93.612579,99.502434

22.4947319,-1.614557,9.574282,-0.650250,9.731212,93.831421,99.572006

22.4970760,-1.595415,9.540782,-0.640678,9.694448,93.789276,99.493195

22.4994240,-1.581058,9.521640,-0.645464,9.673572,93.825874,99.427879

22.5017681,-1.590629,9.555139,-0.674178,9.710061,93.981300,99.451271

22.5041142,-1.609771,9.535996,-0.655035,9.693072,93.874870,99.581764

22.5064602,-1.581058,9.512068,-0.659821,9.665119,93.914528,99.437195

22.5088062,-1.552344,9.521640,-0.635893,9.668286,93.771118,99.259651

22.5111523,-1.566701,9.540782,-0.635893,9.689449,93.762871,99.325371

22.5134983,-1.518844,9.545568,-0.683749,9.689802,94.046371,99.040833

22.5158443,-1.552344,9.583853,-0.693320,9.733483,94.084663,99.200569

22.5181904,-1.581058,9.574282,-0.678963,9.727672,94.002335,99.376961

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22.5228806,-1.609771,9.574282,-0.726820,9.735836,94.281349,99.544159

22.5252285,-1.619343,9.574282,-0.702892,9.735666,94.140221,99.599846

22.5275726,-1.600200,9.579067,-0.688535,9.736182,94.055298,99.483788

22.5299206,-1.614557,9.564711,-0.674178,9.723425,93.975815,99.581406

22.5322647,-1.604986,9.512068,-0.635893,9.667459,93.771446,99.577393

22.5346107,-1.571486,9.545568,-0.578465,9.691339,93.421951,99.348740

22.5369568,-1.557129,9.516854,-0.564108,9.659885,93.347801,99.292290

22.5393028,-1.547558,9.545568,-0.568894,9.686921,93.366806,99.208855

22.5416489,-1.533201,9.569496,-0.573679,9.708506,93.387604,99.102432

22.5439968,-1.509273,9.555139,-0.602393,9.692340,93.563316,98.975945

22.5463409,-1.490130,9.545568,-0.621536,9.681149,93.680954,98.872665

22.5486870,-1.509273,9.555139,-0.650250,9.695432,93.845581,98.975945

22.5510330,-1.571486,9.574282,-0.655035,9.724480,93.862335,99.321198

22.5533810,-1.585843,9.593424,-0.621536,9.743459,93.657387,99.386406

22.5557251,-1.581058,9.579067,-0.602393,9.727340,93.550476,99.372360

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22.5604172,-1.600200,9.564711,-0.578465,9.714883,93.413651,99.497765

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22.5651093,-1.537987,9.535996,-0.530608,9.673788,93.144257,99.161896

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22.5721474,-1.504487,9.555139,-0.506680,9.686118,92.998505,98.947945

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22.5768394,-1.442274,9.574282,-0.535394,9.697096,93.165009,98.566650

22.5791874,-1.456631,9.564711,-0.492323,9.687510,92.913048,98.659164

22.5815315,-1.442274,9.583853,-0.535394,9.706546,93.161926,98.558220

22.5838795,-1.456631,9.555139,-0.535394,9.680346,93.170494,98.667709

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22.7574902,-1.671985,9.502497,-0.726820,9.675807,94.307961,99.979172

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22.7856426,-1.552344,9.535996,-0.674178,9.685015,93.991608,99.245949

22.7879887,-1.557129,9.545568,-0.664607,9.694546,93.930977,99.264824

22.7903366,-1.561915,9.540782,-0.664607,9.690603,93.932579,99.297379

22.7926807,-1.514058,9.550353,-0.674178,9.693097,93.988274,99.008377

22.7950287,-1.547558,9.555139,-0.678963,9.703432,94.012352,99.199783

22.7973728,-1.581058,9.559925,-0.702892,9.715244,94.148941,99.390793

22.7997169,-1.537987,9.540782,-0.693320,9.688788,94.103539,99.157379

22.8020649,-1.547558,9.550353,-0.669392,9.698054,93.957893,99.204315

22.8044109,-1.547558,9.516854,-0.669392,9.665069,93.971420,99.236160

22.8067570,-1.537987,9.550353,-0.683749,9.697534,94.043137,99.148354

22.8091030,-1.585843,9.559925,-0.683749,9.714658,94.036003,99.418709

22.8114491,-1.595415,9.583853,-0.707677,9.741478,94.165970,99.451302

22.8137951,-1.600200,9.550353,-0.707677,9.709310,94.179794,99.511780

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22.8302174,-1.609771,9.588638,-0.731606,9.750313,94.303177,99.530128

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22.9569016,-1.499702,9.526425,-0.626321,9.664065,93.715904,98.946388

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23.2525215,-1.537987,9.598209,-0.559322,9.736728,93.293144,99.103508

23.2548676,-1.542772,9.574282,-0.530608,9.712290,93.131783,99.153793

23.2572136,-1.542772,9.564711,-0.540180,9.703382,93.191261,99.162796

23.2595615,-1.533201,9.540782,-0.549751,9.678815,93.256119,99.129364

23.2619057,-1.518844,9.526425,-0.588036,9.664649,93.488258,99.058701

23.2642517,-1.533201,9.550353,-0.564108,9.689075,93.337708,99.120369

23.2665977,-1.523630,9.531211,-0.592822,9.670412,93.514587,99.082283

23.2689457,-1.533201,9.550353,-0.592822,9.690789,93.507187,99.120369

23.2712898,-1.542772,9.559925,-0.554537,9.699475,93.277489,99.167305

23.2736378,-1.528415,9.555139,-0.602393,9.695339,93.562210,99.087898

23.2759819,-1.552344,9.545568,-0.626321,9.691229,93.705475,99.236839

23.2783298,-1.566701,9.564711,-0.621536,9.712083,93.669212,99.302444

23.2806740,-1.581058,9.545568,-0.635893,9.696492,93.760139,99.404671

23.2830200,-1.566701,9.550353,-0.645464,9.699506,93.815628,99.316185

23.2853642,-1.566701,9.550353,-0.655035,9.700148,93.872040,99.316185

23.2877102,-1.571486,9.559925,-0.655035,9.710345,93.867966,99.334953

23.2900581,-1.571486,9.535996,-0.650250,9.686465,93.849144,99.357964

23.2924023,-1.576272,9.555139,-0.650250,9.706087,93.841347,99.367485

23.2947502,-1.585843,9.545568,-0.659821,9.698873,93.900887,99.432625

23.2970943,-1.547558,9.550353,-0.726820,9.702188,94.296227,99.204315

23.2994423,-1.552344,9.555139,-0.750748,9.709483,94.434601,99.227745

23.3017864,-1.557129,9.588638,-0.755534,9.743587,94.447273,99.223923

23.3041344,-1.590629,9.574282,-0.741177,9.733771,94.367004,99.432716

23.3064785,-1.624128,9.569496,-0.755534,9.735702,94.450882,99.632416

23.3088264,-1.619343,9.564711,-0.765105,9.730947,94.509590,99.609276

23.3111706,-1.619343,9.535996,-0.769891,9.703104,94.550903,99.637672

23.3135166,-1.628914,9.488140,-0.769891,9.657686,94.572350,99.741516

23.3158627,-1.614557,9.488140,-0.750748,9.653768,94.460243,99.657280

23.3182087,-1.576272,9.526425,-0.760319,9.685840,94.502235,99.395210

23.3205547,-1.576272,9.583853,-0.707677,9.738361,94.167305,99.339912

23.3229027,-1.561915,9.602996,-0.659821,9.751536,93.879784,99.238190

23.3252468,-1.537987,9.593424,-0.640678,9.737025,93.772682,99.107971

23.3275948,-1.537987,9.564711,-0.635893,9.708422,93.755508,99.134857

23.3299389,-1.514058,9.559925,-0.650250,9.700895,93.843407,98.999504

23.3322849,-1.480559,9.521640,-0.597607,9.654574,93.548813,98.838379

23.3346310,-1.485345,9.569496,-0.573679,9.701062,93.390205,98.822853

23.3369770,-1.490130,9.593424,-0.549751,9.724016,93.240967,98.829102

23.3393230,-1.466202,9.598209,-0.568894,9.726202,93.353195,98.685242

23.3416691,-1.490130,9.574282,-0.521037,9.703547,93.078011,98.846474

23.3440151,-1.485345,9.617352,-0.525823,9.745574,93.092896,98.779633

23.3463612,-1.528415,9.559925,-0.516252,9.695088,93.052376,99.083427

23.3487072,-1.547558,9.569496,-0.497109,9.706560,92.935616,99.186218

23.3510532,-1.571486,9.550353,-0.487538,9.691052,92.883652,99.344139

23.3533993,-1.624128,9.531211,-0.487538,9.680882,92.886688,99.670380

23.3557453,-1.652842,9.550353,-0.497109,9.705063,92.936066,99.818695

23.3580914,-1.652842,9.564711,-0.511466,9.719937,93.016312,99.804245

23.3604374,-1.705484,9.545568,-0.482752,9.708737,92.850121,100.130013

23.3627853,-1.719841,9.535996,-0.530608,9.704361,93.134346,100.223541

23.3651295,-1.734198,9.512068,-0.511466,9.682380,93.028023,100.332428

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23.3698215,-1.676770,9.540782,-0.521037,9.701008,93.078812,99.967804

23.3721657,-1.691127,9.526425,-0.544965,9.690701,93.223778,100.066261

23.3745136,-1.700699,9.531211,-0.540180,9.696812,93.193428,100.117081

23.3768578,-1.691127,9.540782,-0.535394,9.704281,93.162666,100.051422

23.3792057,-1.662413,9.555139,-0.544965,9.713974,93.216049,99.869591

23.3815498,-1.614557,9.540782,-0.535394,9.691231,93.166931,99.604988

23.3838978,-1.619343,9.535996,-0.535394,9.687319,93.168213,99.637672

23.3862419,-1.595415,9.545568,-0.564108,9.694402,93.335869,99.488525

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23.3909340,-1.600200,9.564711,-0.549751,9.713215,93.244576,99.497765

23.3932819,-1.585843,9.559925,-0.540180,9.705609,93.190529,99.418709

23.3956261,-1.561915,9.535996,-0.544965,9.678419,93.227875,99.301964

23.3979740,-1.504487,9.531211,-0.554537,9.665142,93.289146,98.970039

23.4003181,-1.490130,9.555139,-0.573679,9.687635,93.394905,98.863914

23.4026661,-1.523630,9.550353,-0.559322,9.687287,93.309975,99.064384

23.4050102,-1.514058,9.545568,-0.559322,9.681067,93.312103,99.012817

23.4073582,-1.528415,9.569496,-0.544965,9.706096,93.218666,99.074493

23.4097023,-1.504487,9.531211,-0.559322,9.665418,93.317467,98.970039

23.4120464,-1.542772,9.535996,-0.583251,9.677580,93.455208,99.189919

23.4143944,-1.518844,9.521640,-0.611964,9.661419,93.631607,99.063179

23.4167385,-1.552344,9.550353,-0.650250,9.697517,93.844749,99.232292

23.4190865,-1.590629,9.574282,-0.722034,9.732332,94.254639,99.432716

23.4214306,-1.576272,9.564711,-0.760319,9.723497,94.484764,99.358276

23.4237785,-1.609771,9.555139,-0.784248,9.721476,94.627174,99.562927

23.4261227,-1.657628,9.583853,-0.774676,9.756950,94.553925,99.812820

23.4284706,-1.667199,9.588638,-0.745962,9.761045,94.382957,99.863541

23.4308147,-1.724627,9.583853,-0.731606,9.765235,94.296593,100.201271

23.4331627,-1.705484,9.559925,-0.731606,9.738382,94.308464,100.115120

23.4355068,-1.700699,9.531211,-0.707677,9.707583,94.180534,100.117081

23.4378548,-1.676770,9.502497,-0.678963,9.673159,94.024925,100.007156

23.4401989,-1.681556,9.512068,-0.669392,9.682724,93.964172,100.025246

23.4425430,-1.662413,9.521640,-0.645464,9.687201,93.820480,99.903625

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23.4472389,-1.604986,9.564711,-0.635893,9.719260,93.751312,99.525650

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23.4589672,-1.552344,9.540782,-0.554537,9.682138,93.283363,99.241394

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23.4636593,-1.557129,9.598209,-0.511466,9.737139,93.010979,99.214882

23.4660053,-1.566701,9.550353,-0.506680,9.691259,92.996918,99.316185

23.4683514,-1.561915,9.550353,-0.506680,9.690487,92.997154,99.288223

23.4706974,-1.561915,9.555139,-0.492323,9.694464,92.910957,99.283653

23.4730453,-1.547558,9.535996,-0.516252,9.674538,93.058861,99.217934

23.4753895,-1.571486,9.512068,-0.506680,9.654311,93.008392,99.381081

23.4777374,-1.581058,9.507282,-0.540180,9.652976,93.207939,99.441856

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23.4824295,-1.624128,9.555139,-0.544965,9.707495,93.218201,99.646614

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23.4871216,-1.590629,9.550353,-0.592822,9.700040,93.503838,99.455917

23.4894657,-1.633700,9.516854,-0.607179,9.675131,93.598053,99.740669

23.4918137,-1.624128,9.574282,-0.626321,9.731236,93.690216,99.627693

23.4941578,-1.614557,9.569496,-0.621536,9.724627,93.664474,99.576706

23.4965038,-1.643271,9.531211,-0.621536,9.691781,93.676910,99.782166

23.4988499,-1.619343,9.526425,-0.635893,9.683976,93.764999,99.647171

23.5011959,-1.638485,9.535996,-0.631107,9.696296,93.731873,99.749428

23.5035419,-1.662413,9.550353,-0.645464,9.715425,93.809364,99.874443

23.5058880,-1.648057,9.535996,-0.650250,9.699183,93.844086,99.805275

23.5082340,-1.695913,9.540782,-0.683749,9.714430,94.036095,100.079285

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23.5176182,-1.681556,9.535996,-0.678963,9.706897,94.010918,100.000595

23.5199642,-1.638485,9.516854,-0.645464,9.678418,93.823952,99.768654

23.5223103,-1.619343,9.559925,-0.611964,9.715397,93.611404,99.613998

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23.5270023,-1.619343,9.550353,-0.631107,9.707204,93.727676,99.623451

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23.5316925,-1.609771,9.555139,-0.640678,9.710948,93.782829,99.562927

23.5340405,-1.590629,9.569496,-0.659821,9.723206,93.891106,99.437347

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23.5387325,-1.566701,9.555139,-0.674178,9.706170,93.982895,99.311600

23.5410786,-1.557129,9.583853,-0.650250,9.731275,93.831390,99.228447

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23.7146931,-1.633700,9.521640,-0.540180,9.675867,93.200348,99.735870

23.7170372,-1.590629,9.555139,-0.525823,9.700890,93.107155,99.451271

23.7193851,-1.561915,9.512068,-0.521037,9.653522,93.093971,99.324951

23.7217312,-1.518844,9.555139,-0.511466,9.688609,93.026077,99.031929

23.7240772,-1.547558,9.540782,-0.497109,9.678252,92.944206,99.213394

23.7264233,-1.504487,9.545568,-0.506680,9.676676,93.001434,98.956772

23.7287712,-1.504487,9.540782,-0.501895,9.671706,92.974586,98.961189

23.7311153,-1.514058,9.521640,-0.530608,9.655856,93.150101,99.035095

23.7334633,-1.514058,9.535996,-0.525823,9.669751,93.117172,99.021713

23.7358074,-1.504487,9.564711,-0.525823,9.696580,93.108543,98.939133

23.7381516,-1.494916,9.545568,-0.516252,9.675699,93.058495,98.900703

23.7404995,-1.490130,9.535996,-0.501895,9.664762,92.976730,98.881424

23.7428455,-1.514058,9.535996,-0.497109,9.668232,92.947258,99.021713

23.7451916,-1.523630,9.540782,-0.468395,9.673022,92.775505,99.073326

23.7475376,-1.504487,9.564711,-0.487538,9.694579,92.882607,98.939133

23.7498837,-1.490130,9.564711,-0.511466,9.693595,93.024521,98.855186

23.7522297,-1.480559,9.540782,-0.521037,9.669025,93.089005,98.820923

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23.7569218,-1.514058,9.574282,-0.592822,9.711369,93.499748,98.986229

23.7592697,-1.480559,9.564711,-0.573679,9.695610,93.392113,98.799202

23.7616138,-1.523630,9.574282,-0.592822,9.712866,93.499207,99.042099

23.7639599,-1.518844,9.559925,-0.645464,9.701324,93.814911,99.027481

23.7663059,-1.561915,9.564711,-0.626321,9.711619,93.697685,99.274529

23.7686520,-1.547558,9.564711,-0.645464,9.710574,93.811272,99.190735

23.7709980,-1.576272,9.564711,-0.602393,9.712425,93.555931,99.358276

23.7733421,-1.609771,9.535996,-0.607179,9.689957,93.592545,99.581764

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23.7780342,-1.533201,9.545568,-0.588036,9.685781,93.480644,99.124863

23.7803822,-1.600200,9.531211,-0.588036,9.682479,93.481827,99.530533

23.7827263,-1.576272,9.559925,-0.597607,9.707417,93.529472,99.362877

23.7850742,-1.581058,9.535996,-0.592822,9.684339,93.509529,99.413940

23.7874203,-1.561915,9.555139,-0.626321,9.702192,93.701279,99.283653

23.7897663,-1.561915,9.569496,-0.602393,9.714819,93.555054,99.269966

23.7921124,-1.523630,9.559925,-0.635893,9.701442,93.758217,99.055458

23.7944584,-1.576272,9.564711,-0.650250,9.715510,93.837616,99.358276

23.7968044,-1.585843,9.545568,-0.635893,9.697273,93.759834,99.432625

23.7991505,-1.542772,9.559925,-0.655035,9.705740,93.869804,99.167305

23.8014965,-1.585843,9.526425,-0.678963,9.681356,94.021515,99.451233

23.8038445,-1.595415,9.598209,-0.678963,9.753562,93.991692,99.437424

23.8061886,-1.633700,9.535996,-0.688535,9.699396,94.070702,99.721497

23.8085365,-1.643271,9.531211,-0.664607,9.694639,93.930939,99.782166

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23.8155727,-1.581058,9.555139,-0.655035,9.707188,93.869225,99.395416

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23.8202648,-1.552344,9.574282,-0.597607,9.717705,93.525726,99.209610

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23.8249569,-1.514058,9.593424,-0.621536,9.732033,93.661682,98.968590

23.8273029,-1.504487,9.617352,-0.640678,9.755379,93.765572,98.890984

23.8296490,-1.509273,9.588638,-0.645464,9.728130,93.804382,98.945091

23.8319950,-1.470988,9.588638,-0.664607,9.723554,93.919235,98.721718

23.8343410,-1.470988,9.583853,-0.688535,9.720500,94.061852,98.726006

23.8366871,-1.480559,9.612567,-0.688535,9.750260,94.049431,98.756073

23.8390331,-1.456631,9.626924,-0.688535,9.760816,94.045044,98.604050

23.8413792,-1.456631,9.636495,-0.669392,9.768925,93.929138,98.595627

23.8437252,-1.490130,9.602996,-0.693320,9.742623,94.080826,98.820442

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23.8484173,-1.499702,9.602996,-0.635893,9.740174,93.743248,98.876198

23.8507633,-1.494916,9.564711,-0.621536,9.700761,93.673500,98.883171

23.8531113,-1.494916,9.574282,-0.607179,9.709290,93.585381,98.874435

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23.8578033,-1.514058,9.535996,-0.492323,9.667988,92.918938,99.021713

23.8601494,-1.542772,9.545568,-0.492323,9.681962,92.914719,99.180862

23.8624954,-1.514058,9.531211,-0.477966,9.662546,92.835342,99.026169

23.8648415,-1.514058,9.521640,-0.511466,9.654822,93.036674,99.035095

23.8671856,-1.470988,9.492926,-0.549751,9.621937,93.275391,98.808281

23.8695335,-1.470988,9.569496,-0.564108,9.698313,93.334526,98.738892

23.8718777,-1.514058,9.574282,-0.583251,9.710789,93.443375,98.986229

23.8742256,-1.499702,9.564711,-0.564108,9.697990,93.334633,98.911156

23.8765697,-1.475773,9.550353,-0.559322,9.679876,93.312508,98.784187

23.8789177,-1.490130,9.555139,-0.578465,9.687920,93.423164,98.863914

23.8812637,-1.494916,9.545568,-0.564108,9.678370,93.341400,98.900703

23.8836098,-1.485345,9.535996,-0.544965,9.666357,93.231911,98.853355

23.8859558,-1.504487,9.555139,-0.516252,9.686624,93.055046,98.947945

23.8883038,-1.533201,9.531211,-0.430110,9.663317,92.551048,99.138374

23.8906479,-1.518844,9.507282,-0.473181,9.639461,92.813660,99.076637

23.8929958,-1.533201,9.516854,-0.468395,9.650939,92.781868,99.151932

23.8953400,-1.547558,9.545568,-0.492323,9.682726,92.914490,99.208855

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23.9000320,-1.533201,9.559925,-0.525823,9.696359,93.108612,99.111389

23.9023781,-1.485345,9.569496,-0.544965,9.699407,93.220886,98.822853

23.9047241,-1.504487,9.579067,-0.554537,9.712338,93.273148,98.925949

23.9070702,-1.547558,9.550353,-0.554537,9.690804,93.280426,99.204315

23.9094162,-1.547558,9.526425,-0.568894,9.668058,93.373383,99.227036

23.9117641,-1.528415,9.555139,-0.568894,9.693316,93.364578,99.087898

23.9141083,-1.566701,9.569496,-0.597607,9.715294,93.526604,99.297874

23.9164543,-1.547558,9.569496,-0.602393,9.712522,93.555901,99.186218

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23.9211464,-1.590629,9.574282,-0.659821,9.727915,93.889221,99.432716

23.9234924,-1.557129,9.555139,-0.626321,9.701423,93.701576,99.255699

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23.9305305,-1.604986,9.540782,-0.611964,9.694174,93.619316,99.549103

23.9328785,-1.652842,9.507282,-0.588036,9.667786,93.487129,99.862305

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23.9375706,-1.738984,9.545568,-0.616750,9.722258,93.637108,100.324753

23.9399166,-1.810768,9.540782,-0.678963,9.734803,93.999397,100.746490

23.9422626,-1.858625,9.526425,-0.750748,9.735034,94.422935,101.039841

23.9446087,-1.911267,9.545568,-0.808176,9.768517,94.745659,101.322365

23.9469547,-1.920838,9.531211,-0.817747,9.757167,94.807594,101.394279

23.9493008,-1.916053,9.526425,-0.812962,9.751150,94.782349,101.372192

23.9516487,-1.959123,9.497711,-0.798605,9.730491,94.707695,101.655113

23.9539948,-1.935195,9.512068,-0.755534,9.736285,94.450615,101.499672

23.9563408,-1.896910,9.492926,-0.750748,9.709661,94.434517,101.300209

23.9586849,-1.872982,9.488140,-0.722034,9.698154,94.269661,101.166756

23.9610329,-1.858625,9.497711,-0.659821,9.700328,93.900299,101.072395

23.9633770,-1.877768,9.526425,-0.645464,9.731156,93.803200,101.150711

23.9657249,-1.810768,9.516854,-0.645464,9.709069,93.811867,100.772881

23.9680710,-1.758126,9.512068,-0.655035,9.695334,93.873962,100.471863

23.9704151,-1.734198,9.550353,-0.616750,9.726103,93.635674,100.291901

23.9727631,-1.729413,9.516854,-0.602393,9.691453,93.563637,100.299461

23.9751072,-1.738984,9.540782,-0.592822,9.716070,93.498047,100.329819

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23.9797993,-1.681556,9.535996,-0.559322,9.699263,93.305878,100.000595

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23.9844913,-1.686342,9.564711,-0.554537,9.728049,93.267853,99.998985

23.9868393,-1.648057,9.550353,-0.530608,9.706023,93.133804,99.790817

23.9891834,-1.657628,9.521640,-0.535394,9.679669,93.170715,99.875679

23.9915314,-1.643271,9.535996,-0.511466,9.690055,93.025627,99.777351

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24.0032597,-1.624128,9.535996,-0.434896,9.683086,92.574188,99.665619

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24.0220299,-1.628914,9.502497,-0.430110,9.650689,92.554390,99.727081

24.0243759,-1.600200,9.516854,-0.439681,9.660460,92.608635,99.544647

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24.0314159,-1.619343,9.535996,-0.473181,9.684079,92.800682,99.637672

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24.1651535,-1.671985,9.516854,-0.506680,9.675886,93.001678,99.964417

24.1675014,-1.667199,9.507282,-0.525823,9.666667,93.118172,99.946274

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24.1721935,-1.643271,9.512068,-0.540180,9.668070,93.202927,99.801476

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24.1768856,-1.624128,9.521640,-0.535394,9.673989,93.172577,99.679916

24.1792316,-1.628914,9.540782,-0.506680,9.692089,92.996658,99.688789

24.1815796,-1.624128,9.526425,-0.549751,9.679503,93.255890,99.675140

24.1839237,-1.619343,9.512068,-0.549751,9.664571,93.260925,99.661461

24.1862717,-1.619343,9.569496,-0.530608,9.720035,93.129280,99.604561

24.1886158,-1.619343,9.555139,-0.530608,9.705900,93.133842,99.618721

24.1909637,-1.652842,9.535996,-0.568894,9.694882,93.364037,99.833191

24.1933079,-1.652842,9.540782,-0.564108,9.699310,93.334183,99.828354

24.1956558,-1.667199,9.555139,-0.592822,9.717596,93.497498,99.897446

24.1980000,-1.686342,9.507282,-0.611964,9.675054,93.626480,100.058151

24.2003479,-1.748555,9.502497,-0.645464,9.683569,93.821915,100.426369

24.2026939,-1.753341,9.526425,-0.650250,9.708234,93.840500,100.428596

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24.2073860,-1.805983,9.531211,-0.626321,9.721000,93.694107,100.729263

24.2097301,-1.810768,9.507282,-0.655035,9.700328,93.871964,100.783470

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24.2144241,-1.724627,9.516854,-0.635893,9.692740,93.761597,100.271568

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24.2191162,-1.734198,9.531211,-0.621536,9.707612,93.670906,100.312126

24.2214642,-1.676770,9.512068,-0.635893,9.679636,93.766693,99.997292

24.2238083,-1.643271,9.512068,-0.678963,9.676816,94.023399,99.801476

24.2261562,-1.585843,9.588638,-0.674178,9.742249,93.968124,99.391014

24.2285023,-1.518844,9.579067,-0.712463,9.724866,94.201370,99.009735

24.2308502,-1.418346,9.622138,-0.712463,9.752172,94.189583,98.385269

24.2331944,-1.389632,9.622138,-0.698106,9.746998,94.107193,98.217850

24.2355423,-1.317847,9.622138,-0.659821,9.734353,93.886642,97.798706

24.2378883,-1.313061,9.646067,-0.664607,9.757686,93.905502,97.751686

24.2402363,-1.293919,9.612567,-0.683749,9.723331,94.032394,97.666336

24.2425804,-1.293919,9.626924,-0.655035,9.735551,93.857933,97.655037

24.2449284,-1.375275,9.569496,-0.650250,9.689657,93.847870,98.178230

24.2472725,-1.399203,9.555139,-0.635893,9.677955,93.767349,98.330879

24.2496204,-1.423131,9.545568,-0.616750,9.670756,93.656502,98.479668

24.2519665,-1.514058,9.550353,-0.640678,9.690825,93.790695,99.008377

24.2543125,-1.614557,9.602996,-0.693320,9.762429,94.072533,99.543907

24.2566586,-1.633700,9.593424,-0.693320,9.756201,94.075134,99.664398

24.2590046,-1.652842,9.550353,-0.683749,9.716412,94.035271,99.818695

24.2613506,-1.691127,9.555139,-0.693320,9.728374,94.086815,100.036629

24.2636986,-1.686342,9.531211,-0.678963,9.703027,94.012520,100.033417

24.2660427,-1.681556,9.531211,-0.659821,9.700874,93.900078,100.005516

24.2683907,-1.686342,9.559925,-0.635893,9.728323,93.747818,100.003891

24.2707348,-1.695913,9.540782,-0.597607,9.708747,93.528984,100.079285

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24.2754288,-1.662413,9.540782,-0.578465,9.701792,93.418259,99.884148

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24.2848129,-1.590629,9.535996,-0.549751,9.683365,93.254585,99.469902

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24.3129692,-1.671985,9.540782,-0.573679,9.703152,93.389473,99.939926

24.3153152,-1.695913,9.531211,-0.559322,9.697059,93.306633,100.089195

24.3176632,-1.652842,9.516854,-0.559322,9.675497,93.314011,99.852585

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24.3223572,-1.624128,9.535996,-0.544965,9.688654,93.224464,99.665619

24.3247013,-1.638485,9.559925,-0.559322,9.715433,93.300369,99.725487

24.3270493,-1.566701,9.535996,-0.573679,9.680852,93.397293,99.329964

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24.3317413,-1.581058,9.555139,-0.578465,9.702321,93.418076,99.395416

24.3340874,-1.585843,9.540782,-0.583251,9.689252,93.451042,99.437271

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24.3411274,-1.537987,9.564711,-0.621536,9.707492,93.670952,99.134857

24.3434715,-1.509273,9.569496,-0.616750,9.707397,93.642685,98.962692

24.3458176,-1.494916,9.579067,-0.616750,9.714612,93.639977,98.870071

24.3481636,-1.499702,9.569496,-0.611964,9.705610,93.615051,98.906769

24.3505096,-1.504487,9.574282,-0.631107,9.712294,93.725716,98.930344

24.3528576,-1.480559,9.559925,-0.621536,9.693840,93.676132,98.803535

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24.4091663,-1.657628,9.521640,-0.659821,9.687348,93.905533,99.875679

24.4115143,-1.633700,9.526425,-0.664607,9.688315,93.933510,99.731071

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24.4748611,-1.849054,9.440284,-0.535394,9.634552,93.185577,101.082138

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24.6484833,-1.561915,9.564711,-0.726820,9.718617,94.288948,99.274529

24.6508312,-1.566701,9.555139,-0.717249,9.709257,94.236450,99.311600

24.6531773,-1.566701,9.545568,-0.707677,9.699135,94.184189,99.320770

24.6555233,-1.557129,9.550353,-0.698106,9.701611,94.126442,99.260262

24.6578693,-1.533201,9.559925,-0.688535,9.706542,94.067696,99.111389

24.6602154,-1.566701,9.540782,-0.698106,9.693731,94.129799,99.325371

24.6625614,-1.542772,9.535996,-0.678963,9.683820,94.020485,99.189919

24.6649075,-1.514058,9.521640,-0.693320,9.666162,94.113159,99.035095

24.6672535,-1.494916,9.535996,-0.659821,9.674987,93.910530,98.909492

24.6696014,-1.475773,9.569496,-0.640678,9.703794,93.785622,98.766884

24.6719456,-1.490130,9.559925,-0.698106,9.700516,94.126907,98.859550

24.6742935,-1.470988,9.564711,-0.683749,9.701289,94.041573,98.743202

24.6766376,-1.480559,9.583853,-0.683749,9.721615,94.033104,98.781898

24.6789856,-1.509273,9.535996,-0.707677,9.680596,94.192215,98.993668

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24.6836777,-1.499702,9.564711,-0.698106,9.706706,94.124275,98.911156

24.6860237,-1.466202,9.540782,-0.674178,9.676300,93.995209,98.736717

24.6883698,-1.490130,9.516854,-0.659821,9.655380,93.918480,98.899002

24.6907158,-1.485345,9.540782,-0.674178,9.679219,93.994003,98.848984

24.6930637,-1.499702,9.574282,-0.698106,9.716138,94.120262,98.902390

24.6954079,-1.504487,9.598209,-0.707677,9.741145,94.166107,98.908432

24.6977558,-1.499702,9.559925,-0.722034,9.703742,94.267197,98.915543

24.7001019,-1.466202,9.564711,-0.688535,9.700903,94.070068,98.715195

24.7024460,-1.490130,9.540782,-0.674178,9.679955,93.993698,98.877045

24.7047939,-1.494916,9.550353,-0.678963,9.690459,94.017731,98.896317

24.7071381,-1.475773,9.555139,-0.650250,9.690273,93.847626,98.779854

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24.7118301,-1.480559,9.574282,-0.664607,9.710851,93.924370,98.790543

24.7141781,-1.470988,9.574282,-0.645464,9.708105,93.812241,98.734596

24.7165222,-1.475773,9.574282,-0.674178,9.710782,93.981003,98.762573

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24.8080254,-1.418346,9.373284,-0.712463,9.506722,94.297951,98.604599

24.8103733,-1.380060,9.492926,-0.722034,9.619851,94.304482,98.271584

24.8127174,-1.284348,9.660423,-0.760319,9.775041,94.461067,97.573029

24.8150635,-1.202992,9.703494,-0.836890,9.813530,94.892082,97.067192

24.8174114,-1.174278,9.703494,-0.884746,9.814250,95.172188,96.900154

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24.8244495,-1.145564,9.727423,-0.793819,9.826760,94.633476,96.716583

24.8267975,-1.226920,9.655638,-0.846461,9.770014,94.970261,97.241638

24.8291416,-1.322633,9.550353,-0.884746,9.682014,95.243027,97.884766

24.8314896,-1.490130,9.435498,-0.851247,9.590294,95.092346,98.974495

24.8338337,-1.624128,9.468997,-0.683749,9.631574,94.070877,99.732704

24.8361816,-1.753341,9.507282,-0.497109,9.680379,92.943558,100.449127

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24.8713760,-1.939981,9.449855,-0.588036,9.664837,93.488190,101.601189

24.8737221,-1.930410,9.454640,-0.549751,9.665347,93.260658,101.539803

24.8760681,-1.944767,9.459426,-0.521037,9.671315,93.088272,101.617584

24.8784161,-1.920838,9.459426,-0.530608,9.667052,93.146454,101.478455

24.8807602,-1.892125,9.478569,-0.492323,9.678108,92.915886,101.289070

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24.8854542,-1.772483,9.497711,-0.530608,9.676248,93.143456,100.571060

24.8877983,-1.705484,9.512068,-0.530608,9.678308,93.142792,100.164948

24.8901463,-1.662413,9.483355,-0.554537,9.643917,93.296394,99.942810

24.8924923,-1.624128,9.564711,-0.559322,9.717732,93.299591,99.637146

24.8948383,-1.581058,9.550353,-0.540180,9.695400,93.193893,99.400040

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24.9089165,-1.480559,9.569496,-0.674178,9.706793,93.982643,98.794868

24.9112606,-1.442274,9.559925,-0.659821,9.690598,93.904221,98.579323

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24.9253387,-1.432703,9.622138,-0.698106,9.753232,94.104561,98.468918

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24.9300308,-1.557129,9.521640,-0.755534,9.677661,94.477631,99.287697

24.9323750,-1.595415,9.449855,-0.822533,9.618818,94.905518,99.582855

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25.1153755,-1.719841,9.550353,-0.650250,9.725735,93.833580,100.208496

25.1177197,-1.734198,9.521640,-0.693320,9.703080,94.097481,100.322266

25.1200676,-1.691127,9.497711,-0.707677,9.673016,94.195503,100.096069

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25.1247597,-1.671985,9.521640,-0.659821,9.689816,93.904533,99.959511

25.1271038,-1.671985,9.526425,-0.655035,9.694193,93.874420,99.954605

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25.1317978,-1.633700,9.579067,-0.616750,9.736934,93.631622,99.678612

25.1341419,-1.671985,9.555139,-0.659821,9.722734,93.891296,99.925285

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25.1388340,-1.686342,9.502497,-0.717249,9.677585,94.250343,100.063118

25.1411819,-1.686342,9.507282,-0.659821,9.678199,93.909225,100.058151

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25.1458740,-1.676770,9.535996,-0.626321,9.702529,93.701149,99.972710

25.1482201,-1.648057,9.545568,-0.592822,9.704916,93.502075,99.795631

25.1505661,-1.652842,9.516854,-0.583251,9.676910,93.455444,99.852585

25.1529121,-1.619343,9.531211,-0.626321,9.688061,93.706688,99.642418

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25.1599503,-1.628914,9.545568,-0.712463,9.709728,94.207932,99.684021

25.1622963,-1.643271,9.516854,-0.669392,9.680855,93.964935,99.796638

25.1646423,-1.619343,9.550353,-0.664607,9.709439,93.924934,99.623451

25.1669884,-1.624128,9.531211,-0.659821,9.691086,93.904022,99.670380

25.1693344,-1.633700,9.550353,-0.655035,9.711194,93.867630,99.707161

25.1716805,-1.633700,9.545568,-0.631107,9.704903,93.728561,99.711929

25.1740246,-1.595415,9.588638,-0.640678,9.741550,93.770927,99.446671

25.1763725,-1.585843,9.516854,-0.621536,9.668077,93.685936,99.460571

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25.1904488,-1.681556,9.574282,-0.712463,9.746902,94.191849,99.961411

25.1927948,-1.705484,9.555139,-0.712463,9.732264,94.198166,100.120079

25.1951408,-1.734198,9.550353,-0.736391,9.734422,94.338463,100.291901

25.1974869,-1.753341,9.497711,-0.717249,9.684791,94.247169,100.459427

25.1998329,-1.777269,9.483355,-0.707677,9.674374,94.194916,100.614639

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25.2350254,-1.528415,9.598209,-0.693320,9.743837,94.080315,99.047791

25.2373695,-1.509273,9.612567,-0.678963,9.753991,93.991516,98.923180

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25.2866383,-1.729413,9.512068,-0.621536,9.687962,93.678360,100.304527

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25.3218250,-1.628914,9.488140,-0.659821,9.649535,93.920860,99.741516

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25.3640537,-1.624128,9.574282,-0.669392,9.734102,93.943214,99.627693

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