

Time	Pressure (kPa)	X acc m/s ²	Y acc	Z acc
0	99.56139417	4.391750504	-8.395931364	2.412651138
0.02	99.55187268	4.339533953	-8.421959928	2.412651138
0.04	99.56139417	4.391750504	-8.343874237	2.439083267
0.06	99.55187268	4.443967056	-8.317845673	2.544811783
0.08	99.55187268	4.41785878	-8.317845673	2.597676041
0.1	99.57091565	4.41785878	-8.343874237	2.676972429
0.12	99.56139417	4.443967056	-8.369902801	2.62410817
0.14	99.56139417	4.470075331	-8.369902801	2.571243912
0.16	99.57091565	4.470075331	-8.395931364	2.597676041
0.18	99.57091565	4.470075331	-8.317845673	2.597676041
0.2	99.57091565	4.41785878	-8.343874237	2.597676041
0.22	99.56139417	4.470075331	-8.343874237	2.597676041
0.24	99.58043714	4.470075331	-8.421959928	2.518379654
0.26	99.56139417	4.443967056	-8.395931364	2.544811783
0.28	99.56139417	4.443967056	-8.395931364	2.571243912
0.3	99.56139417	4.443967056	-8.395931364	2.597676041
0.32	99.56139417	4.470075331	-8.369902801	2.571243912
0.34	99.5423512	4.470075331	-8.369902801	2.597676041
0.36	99.57091565	4.470075331	-8.395931364	2.544811783
0.38	99.57091565	4.470075331	-8.421959928	2.518379654
0.4	99.56139417	4.41785878	-8.447988492	2.518379654
0.42	99.57091565	4.522291883	-8.421959928	2.491947525
0.44		4.443967056	-8.474017056	2.491947525
0.46	99.55187268	4.548400158	-8.421959928	2.518379654
0.48	99.5423512	4.598984942	-8.447988492	2.465515396
0.5	99.57091565	4.391750504	-8.500045619	2.465515396
0.52	99.55187268	4.41785878	-8.395931364	2.491947525
0.54	99.57091565	4.470075331	-8.369902801	2.544811783
0.56	99.56139417	4.522291883	-8.395931364	2.518379654
0.58	99.57091565	4.548400158	-8.395931364	2.491947525
0.6	99.57091565	4.574508434	-8.395931364	2.412651138
0.62	99.58043714	4.703418045	-8.369902801	2.439083267
0.64	99.56139417	4.833959423	-8.343874237	2.412651138
0.66	99.56139417	4.938392525	-8.343874237	2.361438888
0.68	99.57091565	4.886175974	-8.447988492	2.361438888
0.7	99.57091565	4.72952632	-8.68061878	2.386219009
0.72	99.5423512	4.625093218	-8.732675908	2.491947525
0.74	99.5423512	4.72952632	-8.395931364	2.62410817
0.76	99.56139417	4.651201493	-8.187702855	2.703404558
0.78	99.56139417	4.391750504	-8.161674291	2.729836687
0.8	99.57091565	4.208992575	-8.161674291	2.782700945
0.82	99.5423512	4.104559472	-8.343874237	2.729836687
0.84	99.55187268	4.156776024	-8.474017056	2.703404558
0.86	99.56139417	4.287317402	-8.369902801	2.729836687
0.88	99.57091565	4.339533953	-8.343874237	2.782700945
0.9	99.55187268	4.470075331	-8.395931364	2.91486159
0.92	99.57091565	4.443967056	-8.265788546	3.018938099
0.94	99.55187268	4.41785878	-8.187702855	3.018938099

0.96	99.5423512	4.651201493	-7.98110113	3.071802357
0.98	99.55187268	4.548400158	-7.876986875	3.018938099
1	99.57091565	4.625093218	-8.109617163	3.045370228
1.02	99.56139417	4.677309769	-8.135645727	2.835565203
1.04	99.56139417	4.833959423	-8.265788546	2.809133074
1.06	99.55187268	4.72952632	-8.135645727	2.756268816
1.08	99.55187268	4.677309769	-8.265788546	2.861997332
1.1	99.56139417	4.496183607	-8.187702855	2.835565203
1.12	99.55187268	4.574508434	-8.161674291	2.888429461
1.14	99.56139417	4.781742872	-8.057560036	2.888429461
1.16	99.55187268	4.807851147	-8.007129694	2.861997332
1.18	99.57091565	4.91228425	-7.955072566	2.941293719
1.2	99.56139417	4.964500801	-7.98110113	2.888429461
1.22	99.56139417	4.938392525	-8.007129694	2.91486159
1.24	99.56139417	4.886175974	-8.033158257	2.96607384
1.26	99.5423512	4.807851147	-8.007129694	3.018938099
1.28	99.55187268	4.807851147	-7.955072566	3.018938099
1.3	99.5423512	4.886175974	-7.850958311	3.018938099
1.32	99.5423512	4.91228425	-7.77287262	3.045370228
1.34	99.57091565	4.938392525	-7.798901184	3.071802357
1.36	99.56139417	4.938392525	-7.77287262	3.045370228
1.38	99.55187268	4.964500801	-7.746844056	3.045370228
1.4	99.57091565	5.068933904	-7.720815493	3.045370228
1.42	99.57091565	4.91228425	-7.850958311	3.045370228
1.44	99.53282971	5.042825628	-7.798901184	3.098234486
1.46	99.56139417	5.145626963	-7.668758365	3.045370228
1.48	99.55187268	5.042825628	-7.77287262	3.098234486
1.5	99.55187268	5.042825628	-7.746844056	3.151098744
1.52	99.57091565	5.093410412	-7.668758365	3.124666615
1.54	99.56139417	5.093410412	-7.616701238	3.124666615
1.56	99.55187268	5.042825628	-7.668758365	3.151098744
1.58	99.56139417	5.068933904	-7.720815493	3.151098744
1.6	99.56139417	5.145626963	-7.720815493	3.177530873
1.62	99.57091565	5.145626963	-7.642729801	3.151098744
1.64	99.56139417	5.145626963	-7.616701238	3.151098744
1.66	99.55187268	5.145626963	-7.642729801	3.098234486
1.68	99.55187268	5.093410412	-7.668758365	3.177530873
1.7	99.56139417	5.068933904	-7.746844056	3.177530873
1.72	99.57091565	5.093410412	-7.746844056	3.177530873
1.74	99.53282971	5.093410412	-7.668758365	3.124666615
1.76	99.56139417	5.145626963	-7.642729801	3.151098744
1.78	99.56139417	5.145626963	-7.668758365	3.151098744
1.8	99.56139417	5.093410412	-7.668758365	3.124666615
1.82	99.57091565	5.042825628	-7.720815493	3.124666615
1.84	99.56139417	5.042825628	-7.746844056	3.151098744
1.86	99.56139417	5.042825628	-7.77287262	3.177530873
1.88	99.57091565	5.093410412	-7.746844056	3.124666615
1.9	99.55187268	5.068933904	-7.798901184	3.071802357
1.92	99.55187268	4.964500801	-7.77287262	3.071802357

1.94	99.56139417	5.145626963	-7.668758365	3.124666615
1.96	99.55187268	5.171735239	-7.850958311	3.124666615
1.98	99.56139417	4.938392525	-7.850958311	3.045370228
2	99.56139417	4.886175974	-7.798901184	3.203963002
2.02	99.56139417	4.964500801	-7.56464411	3.151098744
2.04	99.57091565	5.145626963	-7.668758365	3.230395131
2.06	99.56139417	5.042825628	-7.77287262	3.177530873
2.08	99.57091565	4.860067699	-7.850958311	3.177530873
2.1	99.57091565	5.042825628	-7.929044002	3.124666615
2.12	99.5423512	4.990609077	-7.876986875	3.230395131
2.14	99.56139417	4.755634596	-7.876986875	3.045370228
2.16	99.56139417	4.886175974	-8.057560036	3.071802357
2.18	99.56139417	4.833959423	-7.720815493	2.96607384
2.2	99.56139417	5.119518688	-7.876986875	3.151098744
2.22	99.56139417	4.886175974	-7.876986875	3.151098744
2.24	99.56139417	4.496183607	-8.0835886	3.177530873
2.26	99.56139417	4.41785878	-8.187702855	3.071802357
2.28	99.5423512	4.677309769	-8.109617163	3.151098744
2.3	99.5423512	4.91228425	-7.929044002	2.99250597
2.32	99.57091565	4.91228425	-7.798901184	2.91486159
2.34	99.57091565	4.677309769	-7.903015439	3.018938099
2.36	99.56139417	4.703418045	-8.0835886	3.018938099
2.38	99.58043714	4.625093218	-8.033158257	2.941293719
2.4	99.58043714	4.72952632	-7.929044002	2.91486159
2.42	99.57091565	4.807851147	-7.903015439	3.071802357
2.44	99.56139417	4.470075331	-8.135645727	3.018938099
2.46	99.58043714	4.156776024	-8.161674291	3.124666615
2.48	99.58043714	4.182884299	-8.213731418	3.098234486
2.5	99.56139417	4.443967056	-8.213731418	3.098234486
2.52	99.56139417	4.651201493	-8.239759982	3.018938099
2.54	99.55187268	4.703418045	-8.057560036	3.098234486
2.56	99.56139417	4.470075331	-7.955072566	3.177530873
2.58	99.5423512	4.391750504	-8.109617163	3.230395131
2.6	99.57091565	4.443967056	-8.135645727	3.151098744
2.62	99.57091565	4.470075331	-8.0835886	3.071802357
2.64	99.57091565	4.470075331	-8.007129694	3.071802357
2.66	99.56139417	4.470075331	-8.369902801	3.124666615
2.68	99.56139417	4.130667748	-8.500045619	3.018938099
2.7	99.56139417	4.365642229	-8.369902801	3.018938099
2.72	99.57091565	4.807851147	-7.955072566	3.045370228
2.74	99.55187268	4.72952632	-7.929044002	2.91486159
2.76	99.56139417	4.574508434	-8.213731418	2.91486159
2.78	99.57091565	4.548400158	-8.29181711	3.045370228
2.8	99.56139417	4.574508434	-7.955072566	3.098234486
2.82	99.57091565	4.72952632	-7.798901184	3.045370228
2.84	99.57091565	4.625093218	-8.033158257	2.941293719
2.86	99.56139417	4.72952632	-8.213731418	2.861997332
2.88	99.57091565	4.72952632	-8.239759982	2.809133074
2.9	99.55187268	4.391750504	-8.187702855	2.809133074

2.92	99.57091565	4.391750504	-8.421959928	2.888429461
2.94	99.56139417	4.496183607	-8.474017056	2.809133074
2.96	99.56139417	4.598984942	-8.317845673	2.703404558
2.98	99.56139417	4.755634596	-8.0835886	2.861997332
3	99.56139417	4.755634596	-8.007129694	2.91486159
3.02	99.56139417	4.703418045	-7.876986875	2.99250597
3.04	99.5423512	4.677309769	-7.850958311	3.071802357
3.06	99.56139417	4.781742872	-7.903015439	3.071802357
3.08	99.5423512	4.833959423	-8.135645727	3.018938099
3.1	99.56139417	4.833959423	-8.161674291	2.96607384
3.12	99.57091565	4.72952632	-8.343874237	2.941293719
3.14	99.5423512	4.625093218	-8.265788546	3.045370228
3.16	99.57091565	4.496183607	-8.161674291	3.018938099
3.18	99.55187268	4.496183607	-7.98110113	3.045370228
3.2	99.56139417	4.651201493	-7.903015439	3.203963002
3.22	99.56139417	4.72952632	-7.929044002	3.203963002
3.24	99.56139417	4.625093218	-7.824929748	3.230395131
3.26	99.56139417	4.651201493	-7.798901184	3.230395131
3.28	99.58043714	4.72952632	-7.77287262	3.309691519
3.3	99.56139417	4.625093218	-7.798901184	3.336123648
3.32	99.58043714	4.574508434	-7.929044002	3.336123648
3.34	99.55187268	4.522291883	-7.955072566	3.230395131
3.36	99.5423512	4.677309769	-7.98110113	3.25682726
3.38	99.57091565	4.703418045	-7.98110113	3.151098744
3.4	99.56139417	4.781742872	-7.955072566	3.151098744
3.42	99.55187268	4.807851147	-7.955072566	3.018938099
3.44	99.5423512	4.72952632	-7.903015439	3.045370228
3.46	99.56139417	4.755634596	-7.929044002	3.045370228
3.48	99.57091565	4.938392525	-7.903015439	3.018938099
3.5	99.56139417	4.886175974	-7.929044002	3.045370228
3.52	99.55187268	4.833959423	-7.929044002	3.124666615
3.54	99.55187268	4.807851147	-7.903015439	3.098234486
3.56	99.57091565	4.833959423	-7.929044002	3.071802357
3.58	99.57091565	4.91228425	-7.955072566	3.045370228
3.6	99.58043714	4.91228425	-7.955072566	2.96607384
3.62	99.58043714	4.91228425	-7.929044002	2.99250597
3.64	99.56139417	4.964500801	-7.824929748	2.96607384
3.66	99.58043714	4.938392525	-7.824929748	2.99250597
3.68	99.57091565	4.860067699	-7.850958311	3.018938099
3.7	99.57091565	4.938392525	-7.929044002	3.018938099
3.72	99.56139417	5.016717352	-7.929044002	2.99250597
3.74	99.57091565	4.990609077	-7.798901184	3.045370228
3.76	99.57091565	4.990609077	-7.903015439	3.045370228
3.78	99.58995862	4.964500801	-7.876986875	3.018938099
3.8	99.56139417	4.860067699	-7.876986875	2.99250597
3.82	99.57091565	4.833959423	-7.929044002	2.96607384
3.84	99.57091565	4.886175974	-7.929044002	2.96607384
3.86	99.57091565	4.964500801	-7.850958311	2.941293719
3.88	99.57091565	5.016717352	-7.824929748	2.99250597

3.9	99.57091565	5.068933904	-7.876986875	2.96607384
3.92	99.57091565	4.807851147	-7.929044002	2.941293719
3.94	99.58043714	4.860067699	-7.824929748	2.99250597
3.96	99.5423512	4.990609077	-7.824929748	3.045370228
3.98	99.57091565	5.068933904	-7.876986875	3.018938099
4	99.57091565	5.016717352	-7.77287262	3.045370228
4.02	99.57091565	5.016717352	-7.77287262	3.098234486
4.04	99.58995862	5.093410412	-7.616701238	3.045370228
4.06	99.56139417	4.964500801	-7.668758365	3.018938099
4.08	99.58043714	4.807851147	-7.929044002	3.045370228
4.1	99.57091565	4.781742872	-7.98110113	2.99250597
4.12	99.58043714	5.016717352	-7.955072566	2.941293719
4.14	99.57091565	5.016717352	-8.033158257	2.91486159
4.16	99.57091565	4.72952632	-7.929044002	2.888429461
4.18	99.57091565	4.781742872	-8.057560036	2.91486159
4.2	99.58995862	4.833959423	-7.955072566	2.941293719
4.22	99.56139417	4.938392525	-7.929044002	2.96607384
4.24	99.57091565	4.833959423	-7.798901184	2.99250597
4.26	99.58043714	4.860067699	-7.955072566	2.941293719
4.28	99.57091565	4.625093218	-7.955072566	2.888429461
4.3	99.58043714	4.598984942	-8.187702855	2.91486159
4.32	99.56139417	4.755634596	-8.161674291	2.835565203
4.34	99.56139417	4.938392525	-7.876986875	2.756268816
4.36	99.57091565	4.91228425	-8.057560036	2.835565203
4.38	99.57091565	4.91228425	-8.239759982	2.91486159
4.4	99.57091565	4.755634596	-8.187702855	2.861997332
4.42	99.57091565	4.625093218	-7.955072566	2.91486159
4.44	99.55187268	4.703418045	-7.850958311	2.99250597
4.46		4.860067699	-7.955072566	3.018938099
4.48	99.57091565	4.860067699	-7.903015439	3.018938099
4.5	99.57091565	4.755634596	-8.007129694	2.96607384
4.52	99.58043714	4.625093218	-8.135645727	2.941293719
4.54	99.57091565	4.677309769	-8.0835886	2.96607384
4.56	99.58043714	4.833959423	-7.98110113	2.96607384
4.58	99.58043714	4.886175974	-8.033158257	2.91486159
4.6	99.55187268	4.755634596	-8.007129694	2.91486159
4.62	99.57091565	4.833959423	-7.903015439	2.96607384
4.64	99.58043714	4.807851147	-7.876986875	2.91486159
4.66	99.56139417	4.833959423	-7.955072566	2.861997332
4.68	99.55187268	4.72952632	-7.955072566	2.809133074
4.7	99.57091565	4.703418045	-8.057560036	2.91486159
4.72	99.55187268	4.72952632	-7.955072566	2.756268816
4.74	99.57091565	4.807851147	-8.0835886	2.703404558
4.76	99.57091565	4.833959423	-8.135645727	2.703404558
4.78	99.56139417	4.938392525	-8.057560036	2.782700945
4.8	99.58043714	4.990609077	-8.057560036	2.782700945
4.82	99.58043714	5.093410412	-8.109617163	2.756268816
4.84	99.57091565	4.91228425	-8.0835886	2.756268816
4.86	99.57091565	4.886175974	-8.213731418	2.888429461

4.88	99.56139417	4.651201493	-8.161674291	2.835565203
4.9	99.58043714	4.677309769	-8.109617163	2.888429461
4.92	99.57091565	4.781742872	-7.746844056	2.809133074
4.94	99.58043714	5.016717352	-7.824929748	2.835565203
4.96	99.57091565	4.964500801	-8.0835886	2.941293719
4.98	99.58043714	4.91228425	-8.213731418	2.941293719
5	99.58043714	4.807851147	-8.343874237	2.835565203
5.02	99.55187268	4.522291883	-8.135645727	2.703404558
5.04	99.56139417	4.496183607	-8.0835886	2.571243912
5.06	99.56139417	4.496183607	-8.135645727	2.650540299
5.08	99.58043714	4.391750504	-8.265788546	2.888429461
5.1	99.57091565	4.807851147	-8.135645727	2.96607384
5.12	99.57091565	4.807851147	-7.746844056	3.177530873
5.14	99.57091565	4.548400158	-7.77287262	3.177530873
5.16	99.56139417	4.886175974	-8.109617163	3.018938099
5.18	99.56139417	5.068933904	-8.29181711	2.99250597
5.2	99.56139417	4.027866413	-7.955072566	2.676972429
5.22	99.5423512	4.080082964	-8.914875854	2.941293719
5.24	99.57091565	4.208992575	-8.88884729	2.91486159
5.26	99.58043714	4.391750504	-8.033158257	2.96607384
5.28	99.57091565	4.91228425	-7.876986875	2.96607384
5.3	99.57091565	4.938392525	-8.239759982	3.045370228
5.32	99.57091565	4.235100851	-8.447988492	2.91486159
5.34	99.56139417	4.080082964	-8.369902801	3.098234486
5.36	99.58043714	4.208992575	-8.706647344	3.151098744
5.38	99.57091565	3.845108483	-8.265788546	3.151098744
5.4	99.56139417	4.104559472	-8.213731418	3.124666615
5.42	99.58043714	4.130667748	-8.161674291	3.441852164
5.44	99.56139417	4.027866413	-7.798901184	3.415420035
5.46	99.58043714	4.365642229	-8.187702855	3.521148551
5.48	99.56139417	4.470075331	-8.033158257	3.362555777
5.5	99.57091565	4.522291883	-8.0835886	3.336123648
5.52	99.56139417	3.585657494	-8.421959928	3.678089318
5.54	99.57091565	3.714567105	-8.628561653	3.59879293
5.56	99.56139417	4.677309769	-8.239759982	3.468284293
5.58	99.57091565	4.625093218	-7.98110113	3.441852164
5.6	99.58043714	3.688458829	-8.29181711	3.309691519
5.62	99.57091565	3.272358187	-8.187702855	3.59879293
5.64	99.58043714	3.481224392	-8.057560036	3.545928672
5.66	99.56139417	3.507332667	-7.77287262	3.730953576
5.68	99.57091565	3.949541586	-7.590672674	3.651657189
5.7	99.56139417	4.548400158	-7.77287262	3.757385705
5.72	99.58043714	4.91228425	-8.057560036	3.678089318
5.74	99.58043714	5.145626963	-8.0835886	3.59879293
5.76	99.58043714	4.598984942	-8.057560036	3.757385705
5.78	99.57091565	4.625093218	-8.007129694	3.494716422
5.8	99.58043714	4.339533953	-8.265788546	3.468284293
5.82	99.56139417	3.92343331	-8.213731418	3.678089318
5.84	99.57091565	3.481224392	-8.033158257	3.678089318

5.86	99.57091565	3.19403336	-7.850958311	3.757385705
5.88	99.57091565	3.455116116	-7.929044002	3.863114221
5.9	99.56139417	4.001758137	-8.187702855	3.810249963
5.92	99.58043714	4.365642229	-7.98110113	3.678089318
5.94	99.56139417	4.235100851	-7.746844056	3.783817834
5.96	99.58043714	3.662350554	-8.265788546	3.942410609
5.98	99.58043714	3.481224392	-8.732675908	3.942410609
6	99.57091565	3.481224392	-8.187702855	3.468284293
6.02	99.57091565	3.42900784	-8.0835886	3.730953576
6.04	99.57091565	3.662350554	-9.0970758	4.074571254
6.06	99.58043714	3.897325035	-8.421959928	3.783817834
6.08	99.57091565	3.688458829	-7.798901184	3.572360801
6.1	99.57091565	3.845108483	-7.616701238	3.388987906
6.12	99.58043714	3.897325035	-8.135645727	3.88954635
6.14	99.56139417	3.949541586	-8.474017056	3.59879293
6.16	99.56139417	4.080082964	-8.317845673	3.651657189
6.18	99.56139417	4.261209126	-7.824929748	3.678089318
6.2	99.56139417	3.949541586	-7.876986875	3.783817834
6.22	99.57091565	3.92343331	-8.135645727	3.651657189
6.24	99.57091565	3.714567105	-8.239759982	3.59879293
6.26	99.56139417	4.027866413	-8.007129694	3.757385705
6.28	99.56139417	4.001758137	-7.903015439	3.757385705
6.3	99.57091565	3.975649861	-8.109617163	3.863114221
6.32	99.57091565	4.001758137	-8.29181711	3.783817834
6.34	99.58043714	4.001758137	-7.876986875	3.757385705
6.36	99.57091565	3.714567105	-7.850958311	3.783817834
6.38	99.56139417	3.507332667	-8.187702855	3.704521447
6.4	99.56139417	3.688458829	-8.187702855	3.468284293
6.42	99.57091565	3.559549219	-8.395931364	3.230395131
6.44	99.56139417	3.481224392	-8.500045619	2.703404558
6.46	99.58995862	3.19403336	-9.433820343	3.124666615
6.48	99.57091565	3.012907197	-8.784733035	4.021706996
6.5	99.57091565	2.387940349	-8.836790163	3.521148551
6.52	99.56139417	2.69960789	-8.369902801	3.62522506
6.54	99.57091565	3.012907197	-7.720815493	3.441852164
6.56	99.57091565	3.376791289	-8.007129694	3.151098744
6.58	99.56139417	3.272358187	-8.732675908	3.362555777
6.6	99.56139417	4.080082964	-9.071047236	3.124666615
6.62	99.57091565	4.053974688	-8.654590217	2.91486159
6.64	99.57091565	3.298466462	-7.98110113	2.835565203
6.66	99.56139417	2.934582371	-8.369902801	2.835565203
6.68	99.56139417	3.350683013	-8.914875854	2.96607384
6.7	99.56139417	3.402899565	-9.277648961	2.835565203
6.72	99.58043714	2.673499614	-8.187702855	2.676972429
6.74	99.56139417	3.455116116	-9.79659345	3.468284293
6.76	99.57091565	2.725716166	-9.303677525	2.888429461
6.78	99.56139417	3.19403336	-8.992961545	3.203963002
6.8	99.58043714	3.688458829	-9.433820343	3.521148551
6.82	99.57091565	4.130667748	-9.071047236	3.336123648

6.84	99.56139417	4.391750504	-9.355734652	3.177530873
6.86	99.58043714	4.313425677	-9.329706088	2.96607384
6.88	99.56139417	4.261209126	-8.343874237	3.336123648
6.9	99.57091565	4.470075331	-7.746844056	3.336123648
6.92	99.58043714	4.703418045	-7.56464411	3.336123648
6.94	99.57091565	5.22395179	-7.149813876	2.835565203
6.96	99.56139417	5.692268984	-6.943212151	2.729836687
6.98	99.58043714	6.186694454	-7.358042386	2.861997332
7	99.57091565	6.576686821	-8.057560036	3.071802357
7.02	99.57091565	5.953351741	-8.0835886	2.96607384
7.04	99.57091565	4.651201493	-8.265788546	2.597676041
7.06	99.56139417	4.235100851	-9.381763216	2.097117597
7.08	99.57091565	4.130667748	-8.265788546	1.859228435
7.1	99.56139417	4.261209126	-8.213731418	2.491947525
7.12	99.57091565	4.91228425	-8.706647344	2.91486159
7.14	99.56139417	5.380601444	-8.239759982	2.91486159
7.16	99.55187268	5.276168341	-7.798901184	2.91486159
7.18	99.55187268	5.145626963	-7.798901184	2.650540299
7.2	99.58043714	5.563359373	-7.955072566	2.571243912
7.22	99.57091565	5.380601444	-7.436128077	2.308574629
7.24	99.58043714	4.677309769	-7.149813876	2.650540299
7.26	99.58043714	4.156776024	-6.943212151	3.124666615
7.28	99.57091565	4.625093218	-7.305985258	3.415420035
7.3	99.58043714	5.537251098	-7.77287262	3.203963002
7.32	99.56139417	5.848918638	-8.706647344	3.572360801
7.34	99.58043714	5.171735239	-9.926736269	3.62522506
7.36	99.58043714	3.975649861	-9.61602029	2.99250597
7.38	99.57091565	3.897325035	-8.007129694	3.018938099
7.4	99.57091565	4.287317402	-7.123785312	3.045370228
7.42	99.57091565	4.339533953	-7.488185204	2.941293719
7.44	99.57091565	4.990609077	-7.850958311	2.99250597
7.46	99.58043714	5.354493168	-7.642729801	2.91486159
7.48	99.57091565	5.40670972	-8.0835886	3.151098744
7.5	99.56139417	4.677309769	-8.88884729	3.045370228
7.52	99.57091565	2.647391339	-8.576504525	2.835565203
7.54	99.57091565	3.272358187	-8.966932981	3.230395131
7.56	99.58043714	4.235100851	-8.68061878	3.230395131
7.58	99.57091565	1.39908941	-7.876986875	3.757385705
7.6	99.56139417	1.242439756	-8.526074183	3.415420035
7.62	99.57091565	1.841298328	-8.836790163	2.809133074
7.64	99.57091565	1.529630788	-8.706647344	3.468284293
7.66	99.56139417	1.372981134	-9.433820343	3.203963002
7.68	99.57091565	1.477414237	-10.03085052	3.283259389
7.7	99.56139417	1.867406604	-9.874679142	3.177530873
7.72	99.56139417	2.050164533	-9.40779178	3.071802357
7.74	99.57091565	2.440156901	-9.355734652	2.123549726
7.76	99.57091565	2.440156901	-9.329706088	1.964956951
7.78	99.57091565	2.309615523	-9.19956327	2.255710371
7.8	99.56139417	2.257398971	-9.329706088	2.308574629

7.82	99.57091565	2.126857593	-9.303677525	2.703404558
7.84	99.55187268	1.919623155	-9.355734652	3.124666615
7.86	99.57091565	1.477414237	-9.79659345	2.861997332
7.88	99.57091565	1.294656307	-9.071047236	2.809133074
7.9	99.58043714	1.08742187	-8.421959928	2.941293719
7.92	99.57091565	1.061313594	-8.654590217	3.124666615
7.94	99.57091565	1.346872859	-9.173534706	3.25682726
7.96	99.5423512	1.736865226	-9.640422068	3.545928672
7.98	99.57091565	3.481224392	-11.35342692	5.234280918
8	99.58043714	6.21280273	-11.35342692	2.835565203
8.02	99.56139417	5.354493168	-8.109617163	3.441852164
8.04	99.57091565	3.507332667	-7.903015439	2.888429461
8.06	99.56139417	2.647391339	-7.720815493	3.545928672
8.08	99.57091565	2.986798922	-8.29181711	3.91597848
8.1	99.57091565	3.559549219	-7.955072566	3.757385705
8.12	99.57091565	4.313425677	-7.903015439	4.231512021
8.14	99.56139417	4.41785878	-8.474017056	3.91597848
8.16	99.57091565	3.819000208	-8.68061878	3.88954635
8.18	99.55187268	3.559549219	-8.706647344	3.59879293
8.2	99.56139417	3.792891932	-8.421959928	3.388987906
8.22	99.57091565	4.104559472	-8.317845673	2.835565203
8.24	99.57091565	4.287317402	-8.033158257	2.676972429
8.26	99.56139417	4.598984942	-7.876986875	2.703404558
8.28	99.58043714	4.496183607	-8.057560036	2.703404558
8.3	99.57091565	4.313425677	-7.955072566	3.91597848
8.32	99.56139417	3.871216759	-8.706647344	3.572360801
8.34	99.57091565	3.714567105	-8.836790163	3.468284293
8.36	99.58043714	3.091232024	-8.187702855	3.651657189
8.38	99.57091565	3.141816808	-7.850958311	3.942410609
8.4	99.56139417	3.455116116	-7.850958311	3.730953576
8.42	99.56139417	3.688458829	-7.955072566	3.730953576
8.44	99.56139417	3.792891932	-7.955072566	3.783817834
8.46	99.56139417	3.714567105	-8.161674291	3.757385705
8.48	99.56139417	3.688458829	-7.955072566	3.521148551
8.5	99.57091565	3.792891932	-7.98110113	3.388987906
8.52	99.57091565	3.897325035	-7.929044002	3.388987906
8.54	99.56139417	4.027866413	-7.824929748	3.468284293
8.56	99.56139417	4.080082964	-7.850958311	3.362555777
8.58	99.55187268	3.975649861	-7.929044002	3.25682726
8.6	99.56139417	3.975649861	-8.213731418	3.415420035
8.62	99.57091565	4.001758137	-8.966932981	3.151098744
8.64	99.58043714	4.027866413	-9.018990109	2.91486159
8.66	99.57091565	4.104559472	-8.706647344	2.729836687
8.68	99.55187268	4.261209126	-8.68061878	2.465515396
8.7	99.58043714	4.41785878	-8.758704472	2.439083267
8.72	99.56139417	4.156776024	-8.914875854	2.756268816
8.74	99.58043714	4.104559472	-8.88884729	2.703404558
8.76	99.57091565	4.027866413	-8.784733035	2.676972429
8.78	99.56139417	3.897325035	-8.576504525	2.465515396

8.8	99.56139417	4.208992575	-8.810761599	2.097117597
8.82	99.57091565	4.548400158	-8.810761599	2.335006758
8.84	99.57091565	4.208992575	-8.474017056	2.99250597
8.86	99.56139417	3.350683013	-8.526074183	3.018938099
8.88	99.58043714	3.533440943	-8.68061878	2.703404558
8.9	99.58995862	3.740675381	-8.732675908	3.018938099
8.92	99.57091565	3.662350554	-8.576504525	3.151098744
8.94	99.57091565	3.714567105	-8.500045619	3.045370228
8.96	99.58043714	3.714567105	-8.395931364	3.441852164
8.98	99.58043714	3.819000208	-8.29181711	3.283259389
9	99.58043714	3.871216759	-8.239759982	2.99250597
9.02	99.57091565	3.819000208	-8.395931364	3.124666615
9.04	99.58043714	3.688458829	-8.29181711	3.230395131
9.06	99.56139417	2.544590003	-16.72507176	-24.60428881
9.08	99.58043714	3.92343331	-6.033839206	6.44685484
9.1	99.58043714	3.272358187	-8.109617163	3.336123648
9.12	99.58043714	4.365642229	-7.929044002	3.441852164
9.14	99.58043714	4.339533953	-9.329706088	3.968842738
9.16	99.57091565	4.313425677	-7.876986875	-1.066477854
9.18	99.56139417	3.610134003	-8.654590217	2.703404558
9.2	99.57091565	4.027866413	-8.68061878	2.597676041
9.22	99.58043714	4.001758137	-9.147506142	2.361438888
9.24	99.58043714	3.792891932	-8.992961545	2.650540299
9.26	99.56139417	3.740675381	-8.966932981	2.597676041
9.28	99.58043714	3.688458829	-8.88884729	2.703404558
9.3	99.58043714	3.559549219	-8.758704472	2.597676041
9.32	99.58043714	3.507332667	-8.706647344	2.439083267
9.34	99.56139417	3.507332667	-8.732675908	2.2821425
9.36	99.56139417	3.585657494	-8.992961545	2.308574629
9.38	99.57091565	3.585657494	-9.121477579	2.386219009
9.4	99.58043714	3.559549219	-9.277648961	2.308574629
9.42	99.57091565	3.559549219	-9.225591834	2.202846113
9.44	99.57091565	3.455116116	-9.147506142	2.149981855
9.46	99.58043714	3.298466462	-9.121477579	2.255710371
9.48	99.56139417	3.350683013	-9.251620397	2.123549726
9.5	99.56139417	3.272358187	-9.277648961	2.308574629
9.52	99.58043714	3.220141635	-9.225591834	2.176413984
9.54	99.58043714	3.298466462	-9.19956327	2.097117597
9.56	99.58043714	3.220141635	-9.121477579	2.412651138
9.58	99.57091565	3.167925084	-9.147506142	2.123549726
9.6	99.58043714	3.324574738	-9.381763216	2.070685468
9.62	99.58043714	3.376791289	-9.40779178	2.2821425
9.64	99.58043714	3.455116116	-9.225591834	2.017821209
9.66	99.56139417	3.42900784	-9.147506142	2.044253338
9.68	99.57091565	3.585657494	-9.0970758	2.255710371
9.7	99.57091565	3.792891932	-8.992961545	2.439083267
9.72	99.58043714	3.507332667	-9.0970758	2.361438888
9.74	99.57091565	3.688458829	-8.88884729	1.781584056
9.76	99.57091565	3.871216759	-8.395931364	2.070685468

9.78	99.57091565	3.897325035	-8.500045619	2.202846113
9.8	99.58043714	4.365642229	-8.500045619	2.412651138
9.82	99.57091565	4.807851147	-8.966932981	2.176413984
9.84	99.57091565	4.938392525	-8.914875854	2.255710371
9.86	99.57091565	5.016717352	-8.395931364	1.806364177
9.88	99.58043714	5.068933904	-8.500045619	1.832796306
9.9	99.58043714	4.938392525	-8.576504525	1.832796306
9.92	99.57091565	4.807851147	-8.474017056	1.490830636
9.94	99.58043714	4.496183607	-8.369902801	1.517262765
9.96	99.58043714	4.287317402	-8.369902801	1.755151927
9.98	99.56139417	4.287317402	-8.421959928	1.938524822
10	99.57091565	4.339533953	-8.187702855	2.017821209
10.02	99.56139417	4.443967056	-7.98110113	2.2821425
10.04	99.58043714	4.287317402	-7.824929748	2.335006758
10.06	99.57091565	4.470075331	-7.850958311	2.386219009
10.08	99.57091565	4.496183607	-8.007129694	2.2821425
10.1	99.57091565	4.755634596	-8.265788546	2.491947525
10.12	99.57091565	4.91228425	-8.0835886	2.835565203
10.14	99.57091565	4.651201493	-8.187702855	2.888429461
10.16	99.56139417	4.287317402	-7.850958311	2.756268816
10.18	99.57091565	4.104559472	-7.175842439	2.888429461
10.2	99.57091565	4.208992575	-6.839097896	2.99250597
10.22	99.57091565	4.287317402	-7.56464411	3.810249963
10.24	99.57091565	4.781742872	-9.952764833	4.231512021
10.26	99.56139417	4.548400158	-9.537934598	3.415420035
10.28	99.57091565	4.027866413	-7.668758365	2.335006758
10.3	99.57091565	2.934582371	-6.891155024	2.097117597
10.32	99.58043714	2.20518242	-7.019671057	2.96607384
10.34	99.58043714	1.39908941	-7.98110113	3.62522506
10.36	99.58995862	2.830149268	-11.12079663	3.757385705
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10.44	99.58043714	3.246249911	-12.02854279	4.284376279
10.46	99.58043714	3.376791289	-12.08059992	4.101003383
10.48	99.58043714	2.856257544	-10.49773789	5.049256014
10.5	99.58043714	1.607955615	-8.265788546	4.178647762
10.52	99.58995862	-0.39585454	-7.436128077	3.230395131
10.54	99.57091565	-3.129064645	-6.216039152	3.783817834
10.56	99.58043714	-2.894090165	-1.856254726	3.468284293
10.58	99.58043714	-1.61967996	1.542099626	1.543694894
10.6	99.57091565	2.908474095	-2.375199216	0.304688843
10.62	99.57091565	9.336005202	-10.44568076	-1.066477854
10.64	99.58043714	7.097220567	-8.836790163	3.88954635
10.66	99.58995862	3.585657494	-7.590672674	7.262946825
10.68	99.58995862	5.537251098	-10.13496478	1.411534248
10.7	99.58043714	8.059963231	-11.45754117	3.230395131
10.72	99.56139417	5.927243465	-12.65160154	7.76350527
10.74	99.58043714	4.807851147	-12.80777292	6.894549026

10.76	99.58995862	4.339533953	-11.40548405	8.001394432
10.78	99.58995862	3.871216759	-9.900707705	6.920981155
10.8	99.58995862	2.414048625	-7.305985258	5.734839362
10.82	99.58043714	0.930772216	-4.789348502	3.783817834
10.84	99.58995862	-0.110295275	-4.088204066	1.385102119
10.86	99.58043714	0.09857093	-3.879975557	-0.063708956
10.88	99.58995862	0.800230838	-2.479313471	-0.907885079
10.9	99.58995862	0.149155714	0.582296339	-1.196986491
10.92	99.58043714	0.149155714	0.972724795	-0.749292305
10.94	99.58043714	3.039015473	-3.024286524	-0.222301731
10.96	99.57091565	3.688458829	-11.0687395	0.357553101
10.98	99.56139417	1.789081777	-7.538615546	4.284376279
11	99.57091565	3.610134003	-4.346862919	17.35836813
11.02	99.58043714	6.186694454	-13.17054602	3.177530873
11.04	99.57091565	1.061313594	-12.05457135	12.16610677
11.06	99.58043714	5.042825628	-11.27534123	5.364789555
11.08	99.58043714	4.391750504	-8.940904418	4.205079891
11.1	99.57091565	0.956880491	-6.163982024	2.176413984
11.12	99.58995862	-0.89028001	-4.685234247	-0.195869602
11.14	99.58043714	-0.656937296	-4.711262811	-1.567036298
11.16	99.58043714	1.971839707	-3.90600412	-0.53948728
11.18	99.58043714	5.458926271	-4.010118375	1.490830636
11.2	99.5423512	18.02679745	-26.87133126	3.91597848
11.22	99.58043714	9.205463824	-7.045699621	4.205079891
11.24	99.58043714	-0.474179367	-13.32671741	22.73565439
11.26	99.60900159	0.149155714	-12.6776301	6.314694194
11.28	99.58043714	6.576686821	-11.01668238	10.40011015
11.3	99.58043714	6.681119924	-8.992961545	3.045370228
11.32	99.58043714	3.845108483	-4.917864536	1.64942341
11.34	99.58043714	2.544590003	-1.467453055	0.805247287
11.36	99.58995862	-0.240836653	3.411275859	-0.53948728
11.38	99.58995862	-2.218538533	7.304172923	-0.643563788
11.4	99.58995862	2.440156901	0.037323285	0.304688843
11.42	99.58995862	4.156776024	-10.36759507	2.2821425
11.44	99.58043714	0.124679206	-16.23215583	3.783817834
11.46	99.58043714	3.376791289	-10.13496478	13.9321034
11.48	99.58043714	5.485034546	-12.65160154	5.470518072
11.5	99.58043714	2.673499614	-8.706647344	7.262946825
11.52	99.58043714	0.643581184	-8.992961545	5.576246588
11.54	99.58043714	0.540779848	-8.474017056	2.361438888
11.56	99.58043714	0.227480541	-3.024286524	0.172528197
11.58	99.58995862	-0.293053205	-0.299421258	0.620222384
11.6	99.58043714	-0.864171734	-1.233195982	3.309691519
11.62	99.58043714	5.016717352	-9.147506142	6.577363477
11.64	99.57091565	21.85165983	-22.87594673	9.108239837
11.66	99.58995862	12.38088285	-12.10662848	5.496950201
11.68	99.57091565	0.253588816	-14.6492938	16.64635265
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11.72	99.58043714	4.156776024	-7.746844056	5.496950201

11.74	99.58043714	3.792891932	-3.853946993	2.676972429
11.76	99.58043714	1.320764583	-0.610137237	0.146096068
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11.8	99.58043714	-0.89028001	2.840274243	1.964956951
11.82	99.58995862	6.733336475	-5.54092328	1.570127023
11.84	99.58995862	4.755634596	-17.91913212	1.252941474
11.86	99.58995862	5.22395179	-8.265788546	5.576246588
11.88	99.60900159	8.554388701	-20.51385457	21.17946279
11.9	99.60900159	0.149155714	-10.03085052	4.837798982
11.92	99.59948011	-0.162511826	-0.299421258	3.783817834
11.94	99.58995862	-0.735262123	-5.74915179	3.468284293
11.96	99.58043714	-1.073037939	-2.609456289	0.990272191
11.98	99.58043714	-1.203579317	2.477501135	-0.59069953
12	99.59948011	-0.709153848	-2.038454672	-0.090141085
12.02	99.59948011	6.473885486	-13.1184889	1.596559152
12.04	99.58995862	18.28788021	-21.47365786	10.8213722
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12.1	99.59948011	-2.791288829	-12.46940159	5.655542975
12.12	99.58043714	6.628903373	-8.576504525	7.76350527
12.14	99.58043714	7.826620517	-5.74915179	2.729836687
12.16	99.58995862	8.059963231	-5.386378683	-2.226187517
12.18	99.59948011	4.886175974	-1.285253109	-1.408443524
12.2	99.59948011	-1.281904144	-4.477005737	1.305805732
12.22	99.58043714	-5.834534708	-1.026594257	2.597676041
12.24	99.59948011	1.529630788	-11.01668238	1.702287668
12.26	99.58995862	3.091232024	-13.30068884	7.183650438
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12.3	99.59948011	-1.334120695	-10.03085052	9.582366153
12.32	99.58995862	-0.864171734	-5.360350119	7.368675342
12.34	99.58043714	2.414048625	-4.296432576	4.337240537
12.36	99.58995862	0.800230838	-1.804197599	2.729836687
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12.4	99.58995862	-2.894090165	-0.662194365	-0.486623022
12.42	99.59948011	-1.489138582	-1.207167418	0.410417359
12.44	99.58043714	4.208992575	-11.5095983	1.99138908
12.46	99.61792798	14.30636818	-18.17779097	6.076805033
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12.5	99.58995862	10.22042304	-19.81271013	6.208965678
12.52	99.58995862	3.559549219	-9.822622014	5.207848789
12.54	99.58995862	-2.296863359	-5.488866152	3.309691519
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12.58	99.60900159	0.878555664	1.491669284	1.464398507
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12.62	99.59948011	5.250060066	-5.074035918	-1.699196944
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12.84	99.59948011	-0.084187	-3.258543597	2.176413984
12.86	99.59948011	4.261209126	-8.057560036	0.805247287
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13.02	99.60900159	-2.894090165	-16.72507176	2.176413984
13.04	99.58995862	-3.623490115	-14.00020649	3.124666615
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13.1	99.59948011	-5.601191994	-3.621316704	0.778815158
13.12	99.60900159	-4.871792044	-1.104679948	1.043136449
13.14	99.60900159	-1.489138582	-7.019671057	0.990272191
13.16	99.60900159	-2.817397105	-13.97417793	2.99250597
13.18	99.61792798	-5.601191994	-15.45455249	4.074571254
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13.22	99.60900159	-1.983564052	-14.36460639	7.447971729
13.24	99.60900159	-2.322971635	-14.96000978	7.026709672
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13.38	99.59948011	1.503522512	-6.059867769	0.673086642
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13.42	99.60900159	8.554388701	-18.59424799	3.572360801
13.44	99.58995862	0.514671573	-16.67301463	5.708407233
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13.48	99.59948011	-6.200050567	-18.87893541	5.840567879
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13.62	99.58995862	-1.750221338	-2.401227779	-1.51417204
13.64	99.59948011	-4.248456963	-0.403535513	-2.041162614
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13.68	99.60900159	-4.039590758	-5.2302073	1.964956951

13.7	99.61792798	-5.470650616	-15.63512565	3.995274867
13.72	99.58995862	-3.311822575	-5.436809025	5.234280918
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13.82	99.59948011	-1.853022674	-9.900707705	9.503069766
13.84	99.60900159	-0.552504194	-9.744536323	9.423773378
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13.88	99.58995862	0.852447389	-6.033839206	5.971076516
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13.92	99.60900159	-1.957455776	-3.699402396	0.752383029
13.94	99.60900159	-3.10295637	-1.155110291	-1.196986491
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14.04	99.58995862	5.432817995	-8.758704472	4.943527498
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14.12	99.58995862	6.238911005	-13.50729057	7.13078618
14.14	99.59948011	4.156776024	-12.10662848	4.310808408
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14.18	99.59948011	2.751824441	-11.12079663	2.756268816
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14.22	99.59948011	2.856257544	-6.474698004	-0.669995917
14.24	99.61792798	0.982988767	-4.062175503	-1.196986491
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14.34	99.59948011	0.930772216	-9.485877471	8.369792231
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14.64	99.62744947	4.391750504	-12.78174435	6.314694194
14.66	99.61792798	4.755634596	-9.173534706	4.627993957

14.68	99.60900159	4.287317402	-5.801208917	2.756268816
14.7	99.60900159	4.91228425	-3.076343651	1.332237861
14.72	99.58995862	4.208992575	0.920667667	0.357553101
14.74	99.61792798	1.89351488	3.048502752	-0.433758764
14.76	99.61792798	0.800230838	2.087072679	-0.063708956
14.78	99.62744947	0.046354379	-2.064483236	0.066799681
14.8	99.61792798	2.673499614	-10.31553794	-1.249850749
14.82	99.61792798	-3.050739818	-14.72737949	11.87535335
14.84	99.58995862	2.440156901	-13.481262	6.735956252
14.86	99.61792798	2.126857593	-16.56890038	8.634113522
14.88	99.58043714	1.919623155	-13.53331913	8.159987206
14.9	99.59948011	2.179074144	-10.03085052	6.076805033
14.92	99.61792798	1.21633148	-7.514213768	3.468284293
14.94	99.62744947	2.050164533	-4.865807408	1.543694894
14.96	99.60900159	0.852447389	-1.519510183	1.200077216
14.98	99.61792798	0.384130195	0.504210647	2.597676041
15	99.60900159	1.555739064	-5.256235864	2.571243912
15.02	99.58995862	7.669970864	-16.10201302	2.703404558
15.04	99.61792798	10.29874787	-11.71782681	6.524499219
15.06	99.61792798	8.998229386	-13.53331913	6.44685484
15.08	99.63697095	9.96097205	-12.88423182	5.18141666
15.1	99.60900159	7.123328842	-9.770564887	3.59879293
15.12	99.61792798	4.548400158	-5.801208917	1.069568578
15.14	99.61792798	2.830149268	-2.142568927	0.304688843
15.16	99.61792798	1.736865226	0.115408977	-0.116573215
15.18	99.62744947	-1.203579317	2.399415444	-0.987181466
15.2	99.61792798	1.061313594	-2.116540364	-0.987181466
15.22	99.61792798	3.792891932	-5.645037535	1.622991281
15.24	99.59948011	1.971839707	-10.10893622	11.03282924
15.26	99.61792798	1.529630788	-12.49543015	10.32081376
15.28	99.58995862	3.167925084	-11.45754117	11.16498988
15.3	99.61792798	3.481224392	-18.10133207	10.53227079
15.32	99.62744947	2.960690646	-11.09476807	8.581249264
15.34	99.62744947	4.522291883	-9.173534706	6.894549026
15.36	99.61792798	3.559549219	-6.630869386	3.995274867
15.38	99.64649244	1.555739064	-2.920172269	2.361438888
15.4	99.61792798	-0.293053205	1.46564072	2.149981855
15.42	99.61792798	-0.110295275	-0.740280056	1.99138908
15.44	99.61792798	3.376791289	-7.332013822	2.361438888
15.46	99.60900159	9.517131365	-15.19426685	5.154984531
15.48	99.62744947	10.5059823	-15.84335416	7.816369528
15.5	99.61792798	13.31751724	-14.39063495	5.364789555
15.52	99.61792798	8.477695641	-8.187702855	6.947413284
15.54	99.61792798	3.402899565	-6.839097896	3.545928672
15.56	99.62744947	2.387940349	-2.946200833	1.832796306
15.58	99.61792798	2.440156901	0.14143754	0.489713746
15.6	99.62744947	1.21633148	1.56812819	0.172528197
15.62	99.60900159	0.020246103	1.750328136	0.410417359
15.64	99.61792798	3.350683013	-9.355734652	1.148864966

15.66	99.63697095	4.287317402	-20.07299577	13.77351062
15.68	99.61792798	4.598984942	-17.47827332	9.450205508
15.7	99.61792798	4.677309769	-15.8173256	9.555934024
15.72	99.61792798	2.647391339	-10.47170932	8.369792231
15.74	99.64649244	1.294656307	-3.699402396	5.576246588
15.76	99.62744947	-0.369746264	3.124961658	3.678089318
15.78	99.63697095	-1.463030306	3.255104477	2.229278242
15.8	99.61792798	-3.754031493	1.491669284	1.64942341
15.82	99.62744947	-4.534016228	-3.20648647	1.570127023
15.84	99.61792798	2.387940349	-10.47170932	-0.775724434
15.86	99.64649244	16.10131213	-16.95932883	5.049256014
15.88	99.63697095	9.882647223	-12.65160154	6.393990582
15.9	99.61792798	7.123328842	-12.36528733	3.572360801
15.92	99.62744947	8.268829436	-12.08059992	3.151098744
15.94	99.61792798	10.4815058	-11.48356974	3.203963002
15.96	99.61792798	6.733336475	-11.24931266	0.778815158
15.98	99.61792798	1.89351488	-9.147506142	0.066799681
16	99.60900159	1.425197686	-7.045699621	-0.486623022
16.02	99.62744947	1.477414237	-1.88228329	2.703404558
16.04	99.61792798	0.643581184	-7.071728185	2.255710371
16.06	99.63697095	2.882365819	-18.93099254	0.778815158
16.08	99.61792798	5.953351741	-19.71022266	6.050372903
16.1	99.62744947	3.610134003	-18.15176241	3.836682092
16.12	99.63697095	1.555739064	-14.70135093	3.018938099
16.14	99.61792798	0.90466394	-14.49312242	3.494716422
16.16	99.61792798	2.20518242	-17.11387343	3.730953576
16.18	99.63697095	0.930772216	-15.60909709	2.597676041
16.2	99.62744947	-1.020821388	-12.70365866	1.622991281
16.22	99.61792798	-1.671896511	-11.32739836	1.543694894
16.24	99.60900159	-0.864171734	-9.874679142	2.176413984
16.26	99.63697095	1.21633148	-9.303677525	1.99138908
16.28	99.63697095	3.039015473	-8.161674291	3.25682726
16.3	99.61792798	6.811661302	-10.08290765	4.284376279
16.32	99.64649244	12.30255802	-9.978793397	5.391221684
16.34	99.63697095	5.640052433	-8.784733035	7.974962303
16.36	99.62744947	1.08742187	-9.0970758	5.971076516
16.38	99.64649244	3.402899565	-10.16099334	4.284376279
16.4	99.62744947	4.130667748	-13.37714775	3.968842738
16.42	99.61792798	3.792891932	-15.86938273	3.783817834
16.44	99.62744947	2.309615523	-12.93628895	4.627993957
16.46	99.61792798	1.841298328	-10.6278807	5.287145176
16.48	99.61792798	0.800230838	-8.914875854	5.102120272
16.5	99.61792798	-0.500287642	-8.161674291	4.310808408
16.52	99.61792798	-0.683045572	-8.135645727	3.968842738
16.54	99.61792798	-0.188620102	-8.265788546	4.127435512
16.56	99.63697095	-0.293053205	-6.526755131	4.127435512
16.58	99.62744947	1.372981134	-3.647345268	2.491947525
16.6	99.63697095	4.548400158	-2.453284907	1.332237861
16.62	99.63697095	-1.281904144	-3.879975557	-0.669995917

16.64	99.64649244	-6.772800863	-9.978793397	-1.540604169
16.66	99.63697095	-3.830724553	-10.49773789	-1.170554362
16.68	99.62744947	2.126857593	-8.784733035	-0.934317208
16.7	99.64649244	5.458926271	-10.70433961	-1.935434097
16.72	99.61792798	5.432817995	-12.59954441	-1.619900556
16.74	99.61792798	1.945731431	-14.36460639	-1.302715007
16.76	99.62744947	0.90466394	-14.05226362	-0.460190893
16.78	99.60900159	1.971839707	-22.14877373	-3.727862851
16.8	99.60900159	-7.735543527	-15.50498283	0.937407933
16.82	99.61792798	-10.90933078	-8.914875854	3.098234486
16.84	99.61792798	-9.218819937	-7.436128077	3.757385705
16.86	99.63697095	-5.62730027	-11.04271094	3.783817834
16.88	99.63697095	-3.181281197	-13.79360477	3.863114221
16.9	99.63697095	-2.192430257	-10.80845387	3.521148551
16.92	99.64649244	-1.698004787	-6.294124843	3.045370228
16.94	99.61792798	-3.181281197	-6.474698004	4.284376279
16.96	99.62744947	-5.185091351	-10.16099334	6.603795606
16.98	99.63697095	-6.095617464	-11.82031428	7.842801657
17	99.62744947	-7.267226333	-11.30136979	8.239283594
17.02	99.62744947	-7.735543527	-11.22491089	8.39622436
17.04	99.61792798	-5.263416178	-10.52376645	7.053141801
17.06	99.62744947	-1.073037939	-8.706647344	5.576246588
17.08	99.63697095	2.492373452	-5.02197879	3.336123648
17.1	99.64649244	1.477414237	-3.621316704	0.304688843
17.12	99.62744947	-2.11410543	-2.635484853	-1.646332686
17.14	99.63697095	-3.024631543	-0.45559264	-2.700313833
17.16	99.62744947	-0.293053205	-0.040762406	-2.753178091
17.18	99.62744947	0.253588816	-3.827918429	-1.145774241
17.2	99.64649244	3.141816808	-8.784733035	0.699518771
17.22	99.64649244	8.998229386	-11.74385537	2.308574629
17.24	99.60900159	8.554388701	-9.225591834	7.580132374
17.26	99.63697095	11.02651605	-12.10662848	11.11212562
17.28	99.63697095	7.462736426	-8.369902801	9.555934024
17.3	99.64649244	7.93105362	-12.00251423	7.816369528
17.32	99.64649244	11.00040777	-9.79659345	5.207848789
17.34	99.63697095	7.669970864	-6.813069332	3.468284293
17.36	99.63697095	4.261209126	-6.320153407	0.595442263
17.38	99.60900159	4.261209126	-4.63317712	-0.564267401
17.4	99.63697095	2.856257544	-2.194626055	-0.960749337
17.42	99.64649244	0.774122562	0.582296339	-1.276282878
17.44	99.63697095	0.643581184	-1.363338801	-0.828588692
17.46	99.63697095	2.673499614	-1.519510183	5.971076516
17.48	99.63697095	2.830149268	-10.88653956	9.740958927
17.5	99.62744947	0.201372265	-8.369902801	8.634113522
17.52	99.62744947	5.302276617	-11.79428572	12.13967464
17.54	99.63697095	0.227480541	-17.24401625	9.423773378
17.56	99.64649244	2.647391339	-4.917864536	6.894549026
17.58	99.64649244	3.272358187	-0.688222929	3.309691519
17.6	99.63697095	1.268548032	-3.20648647	1.755151927

17.62	99.62744947	-0.526395918	-2.194626055	-0.301598118
17.64	99.63697095	1.009097043	-1.026594257	-0.169437473
17.66	99.64649244	2.518481728	-5.671066099	0.963840062
17.68	99.61792798	7.591646037	-15.58306853	3.545928672
17.7	99.62744947	12.56200901	-16.20612727	8.449088618
17.72	99.61792798	12.97810965	-13.71551908	15.83026067
17.74	99.61792798	2.777932717	-10.75639674	11.82248909
17.76	99.64649244	2.960690646	-7.929044002	5.971076516
17.78	99.64649244	9.205463824	-4.529062865	4.680858215
17.8	99.63697095	7.279978496	-1.986397545	3.071802357
17.82	99.60900159	1.372981134	-1.155110291	1.885660564
17.84	99.64649244	-1.358597204	0.764496285	0.304688843
17.86	99.61792798	2.257398971	1.56812819	-1.066477854
17.88	99.62744947	5.666160709	-4.11423263	-0.195869602
17.9	99.64649244	2.621283063	-17.29607338	0.172528197
17.92	99.62744947	8.112179782	-20.27959749	13.14079153
17.94	99.63697095	5.613944157	-19.78668157	6.656659864
17.96	99.63697095	3.376791289	-8.810761599	7.737073141
17.98	99.63697095	2.570698279	-4.296432576	6.103237162
18	99.63697095	-0.709153848	-3.050315088	3.468284293
18.02	99.64649244	-4.117915585	-1.337310237	0.831679417
18.04	99.61792798	-1.931347501	-0.533678332	-0.116573215
18.06	99.64649244	2.777932717	-3.413088195	-0.063708956
18.08	99.61792798	10.32485614	-12.02854279	2.176413984
18.1	99.62744947	16.98572996	-19.58007984	10.29438163
18.12	99.64649244	14.64414399	-18.64630512	7.183650438
18.14	99.63697095	5.328384893	-12.57351584	6.314694194
18.16	99.64649244	4.130667748	-14.13034931	5.655542975
18.18	99.65601392	7.591646037	-9.770564887	4.707290344
18.2	99.63697095	6.421668935	-7.253928131	3.283259389
18.22	99.61792798	3.714567105	-4.943893099	1.411534248
18.24	99.62744947	1.658540399	-1.493481619	1.096000707
18.26	99.63697095	0.279697092	2.788217115	2.044253338
18.28	99.63697095	-0.031970448	5.072223583	1.543694894
18.3	99.64649244	2.960690646	-3.20648647	2.335006758
18.32	99.63697095	5.042825628	-14.07829218	4.654426086
18.34	99.64649244	0.462455022	-14.208435	7.816369528
18.36	99.64649244	1.503522512	-11.58768399	7.606564504
18.38	99.64649244	2.152965869	-11.79428572	7.580132374
18.4	99.64649244	2.076272809	-10.88653956	6.762388381
18.42	99.63697095	0.774122562	-7.279956694	4.390104795
18.44	99.64649244	0.124679206	-3.801889865	1.755151927
18.46	99.64649244	1.71075695	-1.311281673	1.252941474
18.48	99.63697095	1.009097043	1.906499519	2.412651138
18.5	99.63697095	3.376791289	-2.064483236	2.676972429
18.52	99.62744947	10.16820649	-16.6209575	5.075688143
18.54	99.63697095	7.669970864	-16.28421296	6.550931348
18.56	99.64649244	5.953351741	-17.84104643	7.236514696
18.58	99.64649244	8.632713528	-16.12804158	5.022823885

18.6	99.64649244	7.93105362	-11.48356974	2.676972429
18.62	99.65601392	4.522291883	-6.813069332	1.675855539
18.64	99.64649244	2.882365819	-3.361031067	1.437966377
18.66	99.63697095	2.024056258	2.295301189	1.01670432
18.68	99.65601392	-0.031970448	6.266283944	0.066799681
18.7	99.66553541	0.436346746	0.556267775	-2.356696155
18.72	99.65601392	2.414048625	-11.37945548	-4.0450484
18.74	99.64649244	-2.894090165	-18.17779097	-0.195869602
18.76	99.64649244	3.92343331	-14.51915098	17.64746954
18.78	99.64649244	2.257398971	-13.87169046	11.18977
18.8	99.66553541	0.878555664	-11.69179825	9.002511321
18.82	99.64649244	1.841298328	-5.178150173	7.053141801
18.84	99.65601392	0.149155714	-1.493481619	4.707290344
18.86	99.65601392	-1.61967996	1.127269392	3.283259389
18.88	99.66553541	-2.477989522	2.191186934	2.62410817
18.9	99.64649244	-0.942496561	-5.671066099	0.673086642
18.92	99.64649244	8.24272116	-21.08485618	0.225392456
18.94	99.64649244	12.4330994	-12.72968723	10.10935673
18.96	99.64649244	9.388221754	-21.13691331	4.601561828
18.98	99.64649244	6.811661302	-15.86938273	5.444085942
19	99.64649244	3.949541586	-9.511906035	4.310808408
19.02	99.64649244	5.511142822	-8.161674291	2.888429461
19.04	99.66553541	5.042825628	-6.682926514	1.859228435
19.06	99.65601392	5.432817995	-5.514894716	0.410417359
19.08	99.64649244	4.755634596	-3.20648647	-0.328030247
19.1	99.63697095	5.40670972	-1.623624438	-0.855020821
19.12	99.65601392	4.080082964	-4.865807408	-1.013613596
19.14	99.64649244	1.945731431	-18.2298481	-2.962983116
19.16	99.64649244	4.677309769	-26.14415826	10.13578886
19.18	99.64649244	1.89351488	-17.73693217	5.681975104
19.2	99.66553541	1.138006654	-14.80546518	6.182533549
19.22	99.65601392	3.897325035	-15.0901526	6.050372903
19.24	99.65601392	3.481224392	-15.71321134	5.207848789
19.26	99.64649244	0.748014286	-16.04995589	4.390104795
19.28	99.64649244	-1.203579317	-13.79360477	3.071802357
19.3	99.64649244	-3.701814942	-12.57351584	2.782700945
19.32	99.65601392	-5.158983076	-11.82031428	2.308574629
19.34	99.65601392	-1.020821388	-9.744536323	2.439083267
19.36	99.65601392	7.279978496	-9.381763216	0.172528197
19.38	99.66553541	9.283788651	-7.019671057	5.287145176
19.4	99.66553541	-0.188620102	-6.839097896	1.64942341
19.42	99.67505689	-3.10295637	-15.55703996	0.7259509
19.44	99.64649244	1.009097043	-18.90496397	2.888429461
19.46	99.64649244	0.695797735	-13.97417793	3.942410609
19.48	99.63697095	-3.050739818	-11.61371256	4.074571254
19.5	99.64649244	-3.727923218	-13.04040321	5.234280918
19.52	99.66553541	-0.994713112	-13.09246033	5.154984531
19.54	99.67505689	-1.645788236	-11.66576968	5.049256014
19.56	99.66553541	-3.830724553	-10.44568076	5.364789555

19.58	99.65601392	-3.571273564	-9.251620397	5.207848789
19.6	99.64649244	-2.035780603	-7.123785312	4.231512021
19.62	99.64649244	-1.30801242	-6.085896333	4.048139125
19.64	99.64649244	-1.567463409	-5.488866152	3.730953576
19.66	99.67505689	-1.203579317	-4.607148556	3.045370228
19.68	99.64649244	-1.436922031	-2.79002945	1.675855539
19.7	99.64649244	-1.750221338	-1.415395928	-0.037276827
19.72	99.66553541	-1.358597204	-5.410780461	0.331120972
19.74	99.64649244	-2.946306716	-13.58537626	4.522265441
19.76	99.65601392	-3.41462391	-15.19426685	6.076805033
19.78	99.64649244	-2.712964002	-15.94746842	6.868116897
19.8	99.66553541	-2.347448144	-17.86707499	6.973845414
19.82	99.67505689	-2.998523267	-17.29607338	6.050372903
19.84	99.66553541	-3.856832829	-15.32440967	5.655542975
19.86	99.64649244	-4.768990708	-13.81963333	5.287145176
19.88	99.64649244	-5.548975443	-11.04271094	4.284376279
19.9	99.64649244	-6.511718107	-7.514213768	2.412651138
19.92	99.65601392	-7.968886241	-3.569259577	1.885660564
19.94	99.64649244	-8.411095159	0.14143754	2.2821425
19.96	99.64649244	-5.860642983	0.608324902	2.386219009
19.98	99.65601392	1.08742187	-4.398920046	2.756268816
20	99.66553541	19.25062287	-13.42920488	12.29826742
20.02	99.64649244	0.253588816	-4.398920046	12.95576663
20.04	99.68457838	-8.619961364	-5.827237481	8.923214934
20.06	99.66553541	-3.935157655	-10.21142368	8.264063715
20.08	99.64649244	4.053974688	-12.36528733	9.081807708
20.1	99.67505689	0.540779848	-9.79659345	9.846687444
20.12	99.65601392	-1.61967996	-7.668758365	10.6363473
20.14	99.65601392	-0.448071091	-8.317845673	9.240400483
20.16	99.64649244	1.009097043	-8.552102747	7.657776754
20.18	99.64649244	1.061313594	-7.590672674	6.393990582
20.2	99.65601392	-0.630829021	-6.294124843	3.995274867
20.22	99.66553541	-1.229687593	-4.84140563	1.01670432
20.24	99.66553541	-0.735262123	-4.192318321	-0.775724434
20.26	99.64649244	0.149155714	-3.128400779	-1.672764815
20.28	99.65601392	0.09857093	-1.778169035	-1.803273452
20.3	99.66553541	-0.683045572	-1.623624438	-1.882569839
20.32	99.67505689	-0.709153848	-3.232515034	-1.750409194
20.34	99.67505689	2.856257544	-3.90600412	-3.015847374
20.36	99.66553541	2.621283063	-10.73036817	0.251824585
20.38	99.66553541	-1.020821388	-25.34052636	23.49888212
20.4	99.66553541	-6.901710474	-10.05687909	6.656659864
20.42	99.66553541	4.339533953	-5.282264428	9.423773378
20.44	99.64649244	6.186694454	-3.699402396	8.896782805
20.46	99.64649244	-0.552504194	-11.0687395	7.447971729
20.48	99.64649244	-1.515246858	-12.28882843	4.784934723
20.5	99.65601392	3.975649861	-8.784733035	4.25794415
20.52	99.65601392	3.636242278	-5.955753514	2.202846113
20.54	99.68457838	1.242439756	-6.604840823	1.122432836

20.56	99.65601392	0.046354379	-5.2302073	-0.987181466
20.58	99.66553541	0.072462654	-2.764000887	-2.094026872
20.6	99.64649244	-0.162511826	-0.221335567	-1.382011395
20.62	99.67505689	1.009097043	-2.713570544	-0.564267401
20.64	99.67505689	5.40670972	-14.00020649	-2.435992542
20.66	99.62744947	9.595456192	-4.398920046	14.01139978
20.68	99.67505689	14.80079365	-20.85059911	7.104354051
20.7	99.65601392	10.94982299	-14.18240644	7.606564504
20.72	99.64649244	1.841298328	-13.9221208	6.868116897
20.74	99.67505689	2.856257544	-14.90957944	7.395107471
20.76	99.66553541	7.957161896	-12.57351584	6.894549026
20.78	99.66553541	6.7072282	-7.253928131	4.152215633
20.8	99.64649244	4.72952632	-4.63317712	1.01670432
20.82	99.66553541	3.455116116	-1.830226163	-1.487739911
20.84	99.66553541	1.841298328	0.764496285	-2.383128284
20.86	99.67505689	-0.369746264	2.061044116	-1.935434097
20.88	99.67505689	-1.489138582	-0.610137237	-1.119342112
20.9	99.67505689	2.856257544	-16.10201302	0.040367552
20.92	99.67505689	3.533440943	-7.436128077	17.49052877
20.94	99.66553541	1.632432123	-14.49312242	9.555934024
20.96	99.67505689	2.024056258	-14.59723667	10.68921156
20.98	99.68457838	3.246249911	-7.955072566	9.161104096
21	99.66553541	5.354493168	-4.010118375	7.816369528
21.02	99.67505689	2.673499614	-5.386378683	5.444085942
21.04	99.67505689	-0.604720745	-6.891155024	3.203963002
21.06	99.65601392	-0.604720745	-5.566951844	1.675855539
21.08	99.65601392	0.852447389	-4.010118375	0.331120972
21.1	99.66553541	1.21633148	-1.207167418	-0.380894505
21.12	99.67505689	2.102381085	-1.285253109	-0.855020821
21.14	99.66553541	6.602795097	-8.500045619	-0.643563788
21.16	99.66553541	10.22042304	-13.79360477	3.651657189
21.18	99.65601392	6.343344108	-11.76825715	10.24151737
21.2	99.67505689	11.755916	-10.91256812	5.154984531
21.22	99.65601392	11.93867393	-10.96462525	8.316927973
21.24	99.66553541	8.24272116	-13.61140482	7.236514696
21.26	99.66553541	5.770593811	-11.9504571	6.973845414
21.28	99.68457838	4.208992575	-7.56464411	4.969959627
21.3	99.68457838	2.492373452	-4.815377066	2.465515396
21.32	99.66553541	2.751824441	-2.583427726	0.646654513
21.34	99.67505689	2.673499614	-0.091192748	-0.24873386
21.36	99.68457838	2.126857593	1.698271009	0.225392456
21.38	99.66553541	3.272358187	-4.244375449	0.699518771
21.4	99.66553541	5.22395179	-14.41666351	1.912092693
21.42	99.65601392	0.358021919	-12.02854279	9.635230411
21.44	99.67505689	4.156776024	-10.7824253	8.159987206
21.46	99.67505689	4.574508434	-15.32440967	8.133555077
21.48	99.66553541	0.149155714	-11.82031428	8.264063715
21.5	99.67505689	1.39908941	-9.19956327	5.918212258
21.52	99.68457838	0.695797735	-8.187702855	3.678089318

21.54	99.68457838	0.279697092	-5.462837589	1.859228435
21.56	99.66553541	0.020246103	-0.922480002	0.251824585
21.58	99.68457838	-0.136403551	0.712439157	0.38398523
21.6	99.67505689	2.856257544	-5.334321555	1.226509345
21.62	99.66553541	9.517131365	-13.74154764	3.783817834
21.64	99.67505689	9.96097205	-11.19888232	6.524499219
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21.68	99.66553541	8.554388701	-11.09476807	7.104354051
21.7	99.66553541	11.5470498	-11.79428572	6.288262065
21.72	99.65601392	8.998229386	-9.61602029	3.91597848
21.74	99.65601392	4.287317402	-6.033839206	0.7259509
21.76	99.65601392	2.725716166	-4.63317712	0.884543675
21.78	99.67505689	1.581847339	-0.169278439	1.675855539
21.8	99.68457838	1.061313594	3.463332987	1.728719797
21.82	99.66553541	3.141816808	-0.688222929	1.252941474
21.84	99.67505689	3.871216759	-14.05226362	0.910975804
21.86	99.68457838	-0.136403551	-13.76757621	9.793823186
21.88	99.66553541	2.804040992	-12.72968723	8.766274167
21.9	99.68457838	3.92343331	-9.61602029	6.208965678
21.92	99.66553541	2.179074144	-10.08290765	7.527268116
21.94	99.67505689	1.658540399	-11.30136979	6.420422711
21.96	99.68457838	2.544590003	-9.381763216	3.283259389
21.98	99.68457838	3.272358187	-5.879294608	2.097117597
22	99.69409986	1.762973502	-2.323142088	1.385102119
22.02	99.69409986	-0.031970448	-0.091192748	1.675855539
22.04	99.67505689	1.477414237	-3.569259577	1.622991281
22.06	99.66553541	7.123328842	-11.53562686	0.963840062
22.08	99.67505689	8.347154263	-11.71782681	5.260713047
22.1	99.68457838	6.395560659	-10.91256812	7.077921922
22.12	99.68457838	11.00040777	-12.41734446	6.050372903
22.14	99.68457838	12.92752487	-10.83448243	5.681975104
22.16	99.67505689	8.451587365	-9.589991726	4.390104795
22.18	99.68457838	6.733336475	-10.67993783	4.416536924
22.2	99.68457838	4.261209126	-9.045018673	1.622991281
22.22	99.68457838	2.257398971	-5.981782078	0.516145876
22.24	99.66553541	3.091232024	-2.479313471	-0.433758764
22.26	99.68457838	3.897325035	-1.311281673	1.226509345
22.28	99.69409986	1.919623155	-5.100064482	2.386219009
22.3	99.67505689	4.080082964	-11.32739836	1.069568578
22.32	99.66553541	2.908474095	-16.18009871	1.938524822
22.34	99.67505689	-1.515246858	-12.2367713	2.835565203
22.36	99.68457838	0.619104675	-10.26348081	3.942410609
22.38	99.68457838	2.361832074	-9.744536323	3.783817834
22.4	99.67505689	3.507332667	-10.65390927	3.415420035
22.42	99.67505689	3.92343331	-11.87237141	1.964956951
22.44	99.67505689	3.975649861	-11.79428572	1.806364177
22.46	99.68457838	3.533440943	-10.70433961	1.148864966
22.48	99.68457838	3.845108483	-9.121477579	1.279373603
22.5	99.67505689	3.975649861	-8.654590217	0.542578005

22.52	99.68457838	3.039015473	-8.810761599	0.805247287
22.54	99.67505689	0.669689459	-6.708955077	1.122432836
22.56	99.69409986	0.669689459	-6.085896333	3.783817834
22.58	99.68457838	8.477695641	-11.27534123	1.64942341
22.6	99.68457838	10.27263959	-14.13034931	0.489713746
22.62	99.70362134	7.878837069	-17.27004481	4.732070465
22.64	99.70362134	7.591646037	-17.3481305	4.837798982
22.66	99.68457838	5.016717352	-17.60841614	1.35866999
22.68	99.69409986	3.507332667	-15.11618116	1.938524822
22.7	99.68457838	1.581847339	-14.10432075	2.941293719
22.72	99.67505689	1.320764583	-10.44568076	1.332237861
22.74	99.69409986	0.643581184	-8.500045619	1.35866999
22.76	99.66553541	-0.526395918	-8.732675908	1.122432836
22.78	99.67505689	-3.311822575	-7.668758365	-0.010844698
22.8	99.68457838	-5.522867167	-6.761012205	-0.354462376
22.82	99.68457838	-4.768990708	-8.654590217	-1.619900556
22.84	99.66553541	-3.311822575	-8.576504525	-0.802156563
22.86	99.68457838	-3.519057013	-5.566951844	-0.460190893
22.88	99.68457838	-3.649598391	-9.666450632	1.069568578
22.9	99.68457838	-10.25825566	-16.02392732	2.96607384
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22.94	99.66553541	-3.285714299	-9.485877471	5.840567879
22.96	99.66553541	-0.578612469	-14.54517955	4.654426086
22.98	99.68457838	-1.593571685	-22.07068804	2.439083267
23	99.68457838	-5.366217514	-21.05882762	1.35866999
23.02	99.69409986	-7.474460771	-17.3481305	1.148864966
23.04	99.66553541	-8.619961364	-16.31024152	0.884543675
23.06	99.68457838	-8.021102792	-16.38832722	0.937407933
23.08	99.67505689	-6.668367761	-15.16823829	1.332237861
23.1	99.68457838	-6.017292637	-12.46940159	1.437966377
23.12	99.69409986	-6.381176729	-7.694786929	0.463281617
23.14	99.67505689	-7.006143577	-3.282945376	-0.828588692
23.16	99.67505689	-5.314000962	-0.740280056	-1.276282878
23.18	99.68457838	-3.362407359	0.712439157	-0.486623022
23.2	99.69409986	0.072462654	-2.194626055	5.234280918
23.22	99.67505689	9.595456192	-12.31323021	1.226509345
23.24	99.71314283	8.009378447	-9.071047236	1.35866999
23.26	99.69409986	-4.742882433	-6.033839206	5.629110846
23.28	99.68457838	-3.207389472	-6.059867769	5.287145176
23.3	99.67505689	3.585657494	-11.37945548	5.102120272
23.32	99.68457838	3.091232024	-13.19657459	6.076805033
23.34	99.68457838	-1.177471042	-12.26279986	9.372561128
23.36	99.68457838	-2.035780603	-12.46940159	11.13855775
23.38	99.67505689	-1.905239225	-12.75571579	10.95353285
23.4	99.68457838	0.540779848	-10.57582358	10.00362821
23.42	99.68457838	2.152965869	-8.88884729	8.449088618
23.44	99.69409986	0.748014286	-7.332013822	6.524499219
23.46	99.68457838	-0.474179367	-5.566951844	3.545928672
23.48	99.68457838	-0.136403551	-4.036146939	0.673086642

23.5	99.68457838	-0.005862173	-2.297113525	-1.276282878
23.52	99.70362134	-0.39585454	0.089380413	-1.302715007
23.54	99.68457838	-0.89028001	0.608324902	-0.934317208
23.56	99.69409986	0.331913643	-1.830226163	-0.907885079
23.58	99.67505689	3.481224392	-2.609456289	-1.408443524
23.6	99.69409986	2.725716166	-1.908311854	-0.222301731
23.62	99.68457838	1.632432123	-7.488185204	15.69810002
23.64	99.68457838	-3.233497748	-9.874679142	4.601561828
23.66	99.68457838	0.436346746	-8.421959928	10.21508524
23.68	99.68457838	0.462455022	-13.76757621	10.50583866
23.7	99.69409986	-1.073037939	-16.9853574	8.212851465
23.72	99.68457838	-0.369746264	-12.2367713	6.630227735
23.74	99.68457838	2.414048625	-8.29181711	4.021706996
23.76	99.69409986	1.736865226	-5.853266045	0.542578005
23.78	99.69409986	0.852447389	-2.453284907	-1.909001968
23.8	99.69409986	1.684648675	-1.856254726	-1.382011395
23.82	99.68457838	3.559549219	0.037323285	0.198960326
23.84	99.69409986	5.354493168	-6.294124843	3.388987906
23.86	99.66553541	6.759444751	-18.9570211	3.572360801
23.88	99.68457838	5.328384893	-10.65390927	11.32193065
23.9	99.70362134	10.19431476	-23.67957863	6.709524123
23.92	99.67505689	12.27644975	-14.07829218	9.002511321
23.94	99.68457838	8.789363181	-9.718507759	8.264063715
23.96	99.68457838	8.321045987	-10.41965219	4.601561828
23.98	99.68457838	5.119518688	-7.514213768	2.044253338
24	99.67505689	1.581847339	-4.995950227	0.172528197
24.02	99.68457838	-1.020821388	-1.285253109	-0.143005344
24.04	99.69409986	-2.322971635	1.98458521	-0.275165989
24.06	99.70362134	-1.436922031	0.219523232	-0.433758764
24.08	99.68457838	-0.994713112	-2.972229396	-0.301598118
24.1	99.68457838	1.425197686	-6.424267662	2.62410817
24.12	99.68457838	-0.683045572	-12.41734446	4.522265441
24.14	99.68457838	-1.30801242	-13.89609224	6.367558453
24.16	99.68457838	2.882365819	-11.27534123	7.869233786
24.18	99.70362134	3.507332667	-13.79360477	8.343360102
24.2	99.69409986	0.826339113	-14.208435	7.026709672
24.22	99.69409986	0.09857093	-10.57582358	5.207848789
24.24	99.69409986	2.414048625	-8.447988492	3.968842738
24.26	99.68457838	1.971839707	-4.529062865	2.070685468
24.28	99.71314283	-0.500287642	-1.493481619	0.831679417
24.3	99.69409986	-2.11410543	-0.351478385	2.176413984
24.32	99.67505689	-0.709153848	-1.856254726	0.066799681
24.34	99.67505689	5.250060066	-10.65390927	0.278256714
24.36	99.68457838	9.595456192	-17.89310356	8.027826561
24.38	99.69409986	7.669970864	-19.00907823	5.918212258
24.4	99.70362134	11.70369945	-16.88124314	5.787703621
24.42	99.68457838	8.216612885	-13.06643177	6.314694194
24.44	99.68457838	3.636242278	-13.63743339	6.815252639
24.46	99.70362134	3.42900784	-12.00251423	6.49806709

24.48	99.70362134	2.934582371	-8.68061878	4.627993957
24.5	99.70362134	2.126857593	-4.32246114	2.308574629
24.52	99.69409986	2.387940349	0.478182084	1.096000707
24.54	99.71314283	1.841298328	2.840274243	0.595442263
24.56	99.69409986	1.581847339	3.541418678	-0.010844698
24.58	99.69409986	1.061313594	-0.636165801	-0.010844698
24.6	99.70362134	2.986798922	-12.57351584	-0.037276827
24.62	99.69409986	0.253588816	-15.63512565	10.90066859
24.64	99.68457838	1.71075695	-13.24863172	9.346128999
24.66	99.70362134	2.387940349	-14.28652069	7.474403858
24.68	99.69409986	1.009097043	-12.70365866	6.841684768
24.7	99.71314283	0.878555664	-8.135645727	5.207848789
24.72	99.69409986	2.335723798	-3.232515034	3.336123648
24.74	99.69409986	2.440156901	-1.104679948	3.757385705
24.76	99.69409986	0.878555664	-1.026594257	1.096000707
24.78	99.69409986	-0.058078724	-0.507649768	0.489713746
24.8	99.69409986	1.815190053	-2.816058014	1.464398507
24.82	99.68457838	6.837769578	-13.04040321	1.332237861
24.84	99.69409986	7.43662815	-20.1250529	7.527268116
24.86	99.71314283	5.875026914	-20.07299577	5.234280918
24.88	99.68457838	9.647672743	-21.05882762	6.023940774
24.9	99.69409986	10.27263959	-17.50430189	6.129669291
24.92	99.70362134	4.703418045	-11.61371256	4.127435512
24.94	99.68457838	0.774122562	-5.671066099	2.044253338
24.96	99.69409986	0.566888124	-1.130708512	0.752383029
24.98	99.71314283	-0.240836653	4.292993456	1.175297095
25	99.71314283	-0.552504194	6.394799977	0.646654513
25.02	99.70362134	3.949541586	1.491669284	0.569010134
25.04	99.72266431	4.807851147	-6.294124843	0.066799681
25.06	99.69409986	2.309615523	-14.07829218	1.517262765
25.08	99.71314283	1.684648675	-11.27534123	9.608798282
25.1	99.71314283	6.863877853	-20.69605451	9.398993257
25.12	99.70362134	2.387940349	-18.69673546	8.634113522
25.14	99.69409986	-1.099146215	-11.48356974	7.395107471
25.16	99.71314283	0.149155714	-10.08290765	5.496950201
25.18	99.69409986	1.607955615	-9.381763216	4.337240537
25.2	99.70362134	2.830149268	-8.29181711	2.412651138
25.22	99.70362134	2.596806555	-4.763319938	1.279373603
25.24	99.72266431	1.451305961	-1.623624438	0.331120972
25.26	99.72266431	0.852447389	-1.830226163	0.7259509
25.28	99.72266431	3.039015473	-7.045699621	0.990272191
25.3	99.70362134	5.927243465	-12.88423182	1.35866999
25.32	99.70362134	5.119518688	-12.65160154	5.444085942
25.34	99.70362134	6.602795097	-17.4262162	3.942410609
25.36	99.71314283	8.086071506	-10.96462525	5.52338233
25.38	99.69409986	6.369452384	-9.874679142	4.601561828
25.4	99.70362134	6.681119924	-11.17285376	4.784934723
25.42	99.69409986	5.276168341	-8.914875854	3.071802357
25.44	99.70362134	3.246249911	-6.137953461	2.176413984

25.46	99.71314283	2.414048625	-4.11423263	0.858111546
25.48	99.71314283	2.725716166	-2.349170652	0.146096068
25.5	99.71314283	2.335723798	-0.585735459	0.410417359
25.52	99.71314283	2.257398971	-0.481621204	1.01670432
25.54	99.69409986	3.039015473	-9.589991726	0.937407933
25.56	99.72266431	2.777932717	-18.30793379	5.496950201
25.58	99.71314283	1.867406604	-13.53331913	8.159987206
25.6	99.71314283	4.053974688	-14.90957944	7.053141801
25.62	99.71314283	1.555739064	-13.5593477	7.236514696
25.64	99.71314283	1.346872859	-10.91256812	4.495833311
25.66	99.72266431	1.581847339	-7.149813876	3.678089318
25.68	99.72266431	-0.81358695	-3.699402396	3.177530873
25.7	99.72266431	-3.181281197	-1.285253109	1.622991281
25.72	99.71314283	-2.42577297	0.427751741	-0.037276827
25.74	99.72266431	0.305805368	1.179326519	0.278256714
25.76	99.69409986	3.975649861	-5.386378683	1.702287668
25.78	99.71314283	11.00040777	-16.64698607	2.439083267
25.8	99.69409986	11.00040777	-11.12079663	12.71952947
25.82	99.71314283	9.179355549	-13.94814937	5.867000008
25.84	99.71314283	9.492654856	-15.11618116	6.630227735
25.86	99.72266431	10.35096442	-11.5095983	4.784934723
25.88	99.71314283	8.503803917	-9.251620397	3.124666615
25.9	99.72266431	4.522291883	-6.111924897	2.308574629
25.92	99.70362134	1.997947982	-3.232515034	2.097117597
25.94	99.72266431	0.358021919	-0.06679097	1.859228435
25.96	99.7321858	-0.293053205	3.333190168	1.490830636
25.98	99.71314283	0.17526399	3.307161604	0.805247287
26	99.72266431	3.298466462	-8.239759982	-0.090141085
26.02	99.71314283	1.997947982	-16.88124314	-0.116573215
26.04	99.72266431	5.042825628	-12.57351584	12.87812225
26.06	99.72266431	7.826620517	-26.56061528	7.684208883
26.08	99.71314283	0.669689459	-14.85752231	7.789937399
26.1	99.72266431	3.324574738	-10.44568076	7.342243213
26.12	99.7321858	1.789081777	-8.992961545	5.549814459
26.14	99.69409986	1.71075695	-6.761012205	2.91486159
26.16	99.72266431	0.748014286	-4.865807408	1.702287668
26.18	99.7321858	-1.750221338	-1.207167418	1.069568578
26.2	99.72266431	-2.477989522	0.34966605	1.728719797
26.22	99.72266431	0.488563297	-2.868115141	0.304688843
26.24	99.68457838	7.306086772	-13.79360477	-0.855020821
26.26	99.71314283	16.41461143	-17.81501787	1.332237861
26.28	99.71314283	11.6514829	-12.72968723	2.835565203
26.3	99.71314283	11.1831657	-12.52145872	2.62410817
26.32	99.72266431	9.074922446	-11.04271094	1.570127023
26.34	99.71314283	9.752105845	-10.96462525	2.782700945
26.36	99.71314283	9.336005202	-11.30136979	2.91486159
26.38	99.69409986	7.175545394	-9.511906035	2.255710371
26.4	99.72266431	5.587835882	-6.085896333	1.148864966
26.42	99.71314283	3.897325035	-3.595288141	-0.855020821

26.44	99.71314283	2.466265176	-2.168597491	-1.013613596
26.46	99.71314283	2.361832074	-1.104679948	-0.696428046
26.48	99.72266431	1.08742187	0.089380413	0.015587431
26.5	99.71314283	1.138006654	-6.839097896	-0.222301731
26.52	99.7321858	0.331913643	-18.41204805	-1.988298356
26.54	99.72266431	3.610134003	-17.27004481	2.465515396
26.56	99.72266431	4.027866413	-16.12804158	9.081807708
26.58	99.7321858	5.328384893	-14.72737949	4.101003383
26.6	99.72266431	5.145626963	-13.76757621	1.385102119
26.62	99.71314283	3.559549219	-13.81963333	3.59879293
26.64	99.71314283	2.621283063	-15.16823829	3.651657189
26.66	99.71314283	0.331913643	-13.66346195	3.59879293
26.68	99.71314283	0.020246103	-13.481262	3.25682726
26.7	99.71314283	-0.448071091	-10.75639674	3.88954635
26.72	99.71314283	-0.474179367	-9.121477579	1.226509345
26.74	99.71314283	-0.89028001	-10.57582358	2.888429461
26.76	99.71314283	2.309615523	-11.82031428	4.074571254
26.78	99.72266431	6.421668935	-7.462156641	6.920981155
26.8	99.72266431	0.90466394	-5.801208917	7.157218309
26.82	99.7321858	-4.144023861	-11.69179825	4.284376279
26.84	99.72266431	-1.30801242	-13.66346195	4.758502594
26.86	99.72266431	-0.578612469	-16.04995589	5.681975104
26.88	99.7321858	-2.140213706	-13.97417793	5.918212258
26.9	99.72266431	-2.894090165	-12.49543015	5.708407233
26.92	99.72266431	-2.347448144	-13.24863172	5.496950201
26.94	99.72266431	-2.244646808	-12.57351584	5.417653813
26.96	99.7321858	-3.207389472	-10.7824253	5.234280918
26.98	99.70362134	-3.780139769	-9.718507759	4.680858215
27	99.71314283	-3.155172921	-9.822622014	4.390104795
27.02	99.70362134	-2.11410543	-9.225591834	3.863114221
27.04	99.70362134	-0.709153848	-8.057560036	3.309691519
27.06	99.71314283	-0.916388285	-7.798901184	1.964956951
27.08	99.71314283	-2.660747451	-8.500045619	1.464398507
27.1	99.72266431	-3.050739818	-9.121477579	0.7259509
27.12	99.72266431	-1.905239225	-9.770564887	1.755151927
27.14	99.72266431	-0.552504194	-10.57582358	2.835565203
27.16	99.71314283	1.21633148	-9.485877471	2.729836687
27.18	99.71314283	1.451305961	-7.746844056	2.729836687
27.2	99.72266431	0.643581184	-6.085896333	2.703404558
27.22	99.71314283	1.581847339	-6.734983641	1.755151927
27.24	99.72266431	1.477414237	-6.111924897	2.202846113
27.26	99.71314283	1.061313594	-6.450296225	3.177530873
27.28	99.71314283	-0.709153848	-11.43151261	5.944644387
27.3	99.71314283	-2.270755084	-14.46709386	6.656659864
27.32	99.71314283	-0.656937296	-13.1184889	6.050372903
27.34	99.71314283	0.774122562	-15.06412404	6.393990582
27.36	99.71314283	0.488563297	-13.27466028	5.893432137
27.38	99.72266431	-0.110295275	-9.666450632	4.811366852
27.4	99.72266431	0.09857093	-7.332013822	4.654426086

27.42	99.72266431	-0.942496561	-6.033839206	5.207848789
27.44	99.72266431	-1.645788236	-6.424267662	5.655542975
27.46	99.72266431	-0.31916148	-6.943212151	5.867000008
27.48	99.72266431	1.035205318	-5.360350119	4.969959627
27.5	99.72266431	0.305805368	-4.244375449	5.154984531
27.52	99.71314283	-1.020821388	-5.282264428	5.549814459
27.54	99.70362134	-1.489138582	-6.111924897	7.000277543
27.56	99.72266431	-0.916388285	-7.384070949	6.894549026
27.58	99.71314283	0.020246103	-8.68061878	6.367558453
27.6	99.71314283	1.21633148	-8.706647344	4.917095369
27.62	99.72266431	1.841298328	-7.746844056	2.308574629
27.64	99.72266431	1.061313594	-5.723123226	-0.143005344
27.66	99.7321858	0.201372265	-4.244375449	-1.829705581
27.68	99.72266431	0.331913643	-3.387059631	-2.962983116
27.7	99.7321858	0.878555664	-1.752140471	-2.541721058
27.72	99.71314283	2.361832074	-1.623624438	-1.461307782
27.74	99.70362134	3.871216759	-7.876986875	0.620222384
27.76	99.72266431	5.197843515	-12.72968723	2.96607384
27.78	99.72266431	8.998229386	-17.47827332	8.607681393
27.8	99.7321858	14.61803572	-12.41734446	5.867000008
27.82	99.69409986	7.462736426	-12.72968723	5.918212258
27.84	99.72266431	5.640052433	-12.93628895	8.001394432
27.86	99.72266431	7.175545394	-12.44337303	6.393990582
27.88	99.72266431	7.669970864	-9.744536323	4.864231111
27.9	99.7321858	6.7072282	-5.853266045	2.386219009
27.92	99.70362134	6.108369627	-5.462837589	0.410417359
27.94	99.72266431	7.306086772	-3.180457906	-0.960749337
27.96	99.7321858	2.440156901	-0.792337184	-2.989415245
27.98	99.7321858	-1.750221338	-0.792337184	-2.094026872
28	99.7321858	-0.604720745	-1.259224546	0.620222384
28.02	99.70362134	3.039015473	-7.56464411	3.757385705
28.04	99.72266431	0.826339113	-10.65390927	5.944644387
28.06	99.72266431	-2.894090165	-10.83448243	10.47940653
28.08	99.72266431	-0.916388285	-10.65390927	8.343360102
28.1	99.72266431	1.71075695	-12.00251423	9.978848089
28.12	99.72266431	0.748014286	-9.0970758	8.264063715
28.14	99.72266431	-0.604720745	-7.903015439	7.157218309
28.16	99.71314283	0.384130195	-7.514213768	5.708407233
28.18	99.7321858	0.253588816	-5.488866152	2.544811783
28.2	99.71314283	0.227480541	-2.713570544	0.646654513
28.22	99.72266431	1.009097043	-1.104679948	-0.53948728
28.24	99.7321858	1.503522512	0.011294722	-0.195869602
28.26	99.72266431	4.677309769	-2.583427726	0.699518771
28.28	99.71314283	10.40318097	-16.33627009	1.437966377
28.3	99.72266431	10.35096442	-16.88124314	8.212851465
28.32	99.72266431	7.43662815	-17.3481305	8.475520747
28.34	99.71314283	9.205463824	-16.5444986	6.894549026
28.36	99.71314283	8.554388701	-13.89609224	9.002511321
28.38	99.72266431	6.473885486	-12.08059992	8.713409909

28.4	99.74170728	5.927243465	-7.668758365	6.023940774
28.42	99.71314283	4.313425677	-2.453284907	3.124666615
28.44	99.72266431	1.997947982	1.023155137	0.304688843
28.46	99.72266431	-0.500287642	3.124961658	-0.855020821
28.48	99.7321858	0.643581184	3.774048966	-1.066477854
28.5	99.7321858	4.104559472	0.375694614	-2.067594743
28.52	99.72266431	3.272358187	-6.007810642	-2.330264026
28.54	99.72266431	2.283507247	-15.68718278	-0.643563788
28.56	99.7321858	3.662350554	-14.10432075	12.45520818
28.58	99.7321858	2.024056258	-12.6776301	8.186419335
28.6	99.72266431	-0.787478674	-19.37185133	12.24540316
28.62	99.72266431	-0.526395918	-15.63512565	10.34724589
28.64	99.69409986	1.477414237	-13.53331913	8.239283594
28.66	99.7321858	3.636242278	-11.19888232	7.026709672
28.68	99.72266431	3.115708533	-7.123785312	4.601561828
28.7	99.72266431	4.080082964	-5.801208917	2.91486159
28.72	99.74170728	3.636242278	-2.557399162	0.410417359
28.74	99.7321858	2.102381085	-0.299421258	-0.828588692
28.76	99.7321858	-0.005862173	-1.181138854	-1.276282878
28.78	99.7321858	-1.046929664	-5.462837589	-0.59069953
28.8	99.71314283	1.529630788	-12.93628895	-0.934317208
28.82	99.72266431	8.606605252	-11.71782681	-0.380894505
28.84	99.71314283	6.291127557	-13.24863172	14.88035603
28.86	99.72266431	8.580496976	-21.00677049	4.680858215
28.88	99.74170728	11.70369945	-13.68949051	7.474403858
28.9	99.72266431	4.182884299	-8.992961545	5.417653813
28.92	99.71314283	1.009097043	-6.891155024	1.99138908
28.94	99.74170728	0.046354379	-3.51720245	2.412651138
28.96	99.72266431	-0.293053205	-0.091192748	0.752383029
28.98	99.7321858	0.020246103	1.620185317	0.225392456
29	99.7321858	0.878555664	1.906499519	-0.301598118
29.02	99.74170728	2.856257544	0.375694614	-0.460190893
29.04	99.72266431	4.964500801	-7.279956694	0.646654513
29.06	99.72266431	-0.604720745	-13.30068884	3.863114221
29.08	99.72266431	-4.300673514	-19.03510679	15.75096428
29.1	99.71314283	-3.675706666	-32.76192059	8.316927973
29.12	99.72266431	0.982988767	-19.47596559	6.656659864
29.14	99.72266431	4.677309769	-10.6278807	7.053141801
29.16	99.71314283	5.848918638	-5.514894716	7.026709672
29.18	99.74170728	4.72952632	-13.14451746	7.289378955
29.2	99.7321858	3.481224392	-6.839097896	4.284376279
29.22	99.7321858	2.518481728	-1.181138854	2.123549726
29.24	99.7321858	1.555739064	1.413583593	1.226509345
29.26	99.74170728	-0.293053205	1.724299572	0.910975804
29.28	99.7321858	-1.61967996	0.790524848	0.7259509
29.3	99.74170728	-1.724113063	-2.375199216	0.990272191
29.32	99.7321858	2.126857593	-7.616701238	-0.222301731
29.34	99.74170728	10.29874787	-14.23446357	-2.462424671
29.36	99.76075025	13.18697586	-5.360350119	21.89147827

29.38	99.7321858	10.92371471	-31.77608874	5.840567879
29.4	99.74170728	10.08988166	-15.5310114	8.739842038
29.42	99.74170728	2.647391339	-13.5593477	7.262946825
29.44	99.7321858	-0.188620102	-12.33925877	5.761271492
29.46	99.74170728	3.350683013	-9.61602029	4.654426086
29.48	99.74170728	4.208992575	-4.659205683	2.123549726
29.5	99.72266431	3.845108483	-0.117221312	-0.24873386
29.52	99.74170728	3.636242278	1.101240828	-0.53948728
29.54	99.75122877	1.607955615	1.880470955	0.09323181
29.56	99.74170728	0.331913643	0.997126573	-0.354462376
29.58	99.76075025	0.878555664	-1.57156731	-2.041162614
29.6	99.7321858	3.19403336	-6.761012205	-2.356696155
29.62	99.72266431	0.305805368	-13.35274597	2.386219009
29.64	99.75122877	0.17526399	-17.19195912	12.42877605
29.66	99.74170728	-0.916388285	-18.46410517	7.974962303
29.68	99.72266431	4.625093218	-15.32440967	10.24151737
29.7	99.75122877	3.324574738	-13.32671741	10.00362821
29.72	99.74170728	2.102381085	-11.45754117	8.159987206
29.74	99.74170728	4.287317402	-12.15868561	6.947413284
29.76	99.72266431	4.598984942	-9.537934598	5.022823885
29.78	99.75122877	4.080082964	-6.34618197	3.730953576
29.8	99.74170728	1.71075695	-2.687541981	1.490830636
29.82	99.74170728	-0.162511826	-2.349170652	-0.090141085
29.84	99.7321858	-0.188620102	-1.519510183	-0.564267401
29.86	99.76075025	0.305805368	-1.493481619	-0.802156563
29.88	99.74170728	-0.369746264	-1.052622821	-0.195869602
29.9	99.7321858	0.90466394	-6.682926514	-0.328030247
29.92	99.71314283	4.833959423	-13.22260315	1.122432836
29.94	99.72266431	8.632713528	-12.54748728	7.580132374
29.96	99.74170728	12.01536699	-19.42390846	5.154984531
29.98	99.71314283	8.91990456	-15.19426685	8.186419335
30	99.74170728	5.432817995	-16.07598445	5.840567879
30.02	99.74170728	6.994419232	-15.92143985	6.076805033
30.04	99.74170728	7.306086772	-13.97417793	4.969959627
30.06	99.71314283	4.339533953	-8.862818726	2.835565203
30.08	99.72266431	2.960690646	-4.555091428	0.436849488
30.1	99.72266431	3.636242278	-2.557399162	-1.249850749
30.12	99.7321858	2.361832074	-1.155110291	-1.408443524
30.14	99.75122877	0.227480541	0.063351849	-1.092909983
30.16	99.72266431	-1.776329614	1.205355083	-0.564267401
30.18	99.74170728	0.956880491	-5.723123226	-0.960749337
30.2	99.7321858	1.035205318	-16.80315745	0.436849488
30.22	99.7321858	1.268548032	-12.54748728	14.24763694
30.24	99.7321858	2.102381085	-16.82918601	9.846687444
30.26	99.75122877	3.559549219	-22.01863091	10.2679495
30.28	99.72266431	2.804040992	-11.63974112	8.239283594
30.3	99.7321858	2.309615523	-7.616701238	5.18141666
30.32	99.7321858	2.414048625	-3.282945376	3.177530873
30.34	99.74170728	0.046354379	-2.038454672	1.437966377

30.36	99.74170728	-2.061888879	0.946696231	-0.222301731
30.38	99.7321858	-1.61967996	2.477501135	-0.669995917
30.4	99.7321858	-1.750221338	1.958556646	-0.407326635
30.42	99.77027174	-3.024631543	-3.827918429	-0.564267401
30.44	99.75122877	1.789081777	-9.978793397	4.707290344
30.46	99.7321858	17.79345474	-31.61991736	-0.169437473
30.48	99.7321858	20.29169037	-22.92637707	10.21508524
30.5	99.72266431	7.774403966	-14.98603834	6.524499219
30.52	99.74170728	1.71075695	-6.891155024	3.336123648
30.54	99.76075025	2.621283063	-6.398239098	1.832796306
30.56	99.72266431	5.093410412	-6.033839206	-0.195869602
30.58	99.75122877	5.22395179	-3.801889865	-1.51417204
30.6	99.72266431	2.387940349	0.582296339	-2.226187517
30.62	99.76075025	0.748014286	1.750328136	-2.541721058
30.64	99.76075025	-0.005862173	0.816553412	-2.989415245
30.66	99.75122877	2.414048625	-3.282945376	-4.175557038
30.68	99.74170728	0.072462654	-12.00251423	-4.254853425
30.7	99.7321858	-7.110576679	-26.06769935	16.98997033
30.72	99.76075025	-0.240836653	-24.58732479	7.974962303
30.74	99.7321858	3.871216759	-21.73394349	10.18865311
30.76	99.74170728	3.350683013	-13.94814937	7.104354051
30.78	99.74170728	1.945731431	-10.52376645	5.708407233
30.8	99.75122877	2.024056258	-8.135645727	1.806364177
30.82	99.74170728	2.466265176	-6.552783695	1.437966377
30.84	99.75122877	1.21633148	-1.311281673	-0.143005344
30.86	99.77027174	-1.853022674	4.942080764	-0.669995917
30.88	99.74170728	-2.451881246	3.645532933	-1.619900556
30.9	99.76075025	-3.10295637	1.309469338	-0.960749337
30.92	99.76075025	4.053974688	-14.46709386	-1.646332686
30.94	99.75122877	15.00802808	-29.51811083	3.88954635
30.96	99.74170728	9.987080326	-8.810761599	8.581249264
30.98	99.74170728	12.64033384	-29.67428222	0.699518771
31	99.74170728	7.488844701	-14.72737949	2.176413984
31.02	99.74170728	6.186694454	-10.31553794	2.809133074
31.04	99.77027174	1.89351488	-9.926736269	1.570127023
31.06	99.74170728	2.361832074	-9.511906035	0.569010134
31.08	99.75122877	4.651201493	-9.61602029	1.755151927
31.1	99.74170728	6.317235832	-9.173534706	2.544811783
31.12	99.7321858	6.082261352	-8.862818726	1.148864966
31.14	99.74170728	5.432817995	-9.589991726	2.676972429
31.16	99.76075025	5.016717352	-12.65160154	2.123549726
31.18	99.74170728	5.640052433	-16.04995589	2.809133074
31.2	99.74170728	4.886175974	-15.0901526	4.205079891
31.22	99.7321858	2.440156901	-12.70365866	3.678089318
31.24	99.74170728	3.220141635	-11.45754117	4.178647762
31.26	99.74170728	3.975649861	-10.54979501	3.336123648
31.28	99.7321858	3.039015473	-10.96462525	2.941293719
31.3	99.74170728	2.908474095	-11.66576968	2.202846113
31.32	99.75122877	2.492373452	-9.692479195	1.755151927

31.34	99.75122877	1.503522512	-8.109617163	1.252941474
31.36	99.75122877	1.009097043	-7.436128077	1.596559152
31.38	99.76075025	0.643581184	-7.358042386	1.702287668
31.4	99.74170728	0.305805368	-7.253928131	1.964956951
31.42	99.7321858	-0.058078724	-6.839097896	2.017821209
31.44	99.76075025	-0.188620102	-6.943212151	1.832796306
31.46	99.77027174	-0.345269756	-7.097756748	2.229278242
31.48	99.75122877	-0.058078724	-7.279956694	2.544811783
31.5	99.76075025	0.072462654	-7.56464411	2.544811783
31.52	99.77027174	0.227480541	-7.955072566	2.571243912
31.54	99.76075025	0.878555664	-8.654590217	2.861997332
31.56	99.74170728	1.581847339	-9.381763216	3.098234486
31.58	99.77027174	2.830149268	-9.537934598	3.995274867
31.6	99.75122877	4.339533953	-10.86051099	4.495833311
31.62	99.76075025	5.770593811	-11.58768399	4.732070465
31.64	99.76075025	5.875026914	-10.3415665	3.730953576
31.66	99.75122877	6.160586179	-6.943212151	3.415420035
31.68	99.77027174	6.056153076	-8.007129694	2.941293719
31.7	99.74170728	5.796702087	-10.16099334	3.468284293
31.72	99.76075025	4.574508434	-11.5095983	3.678089318
31.74	99.74170728	2.986798922	-10.75639674	3.045370228
31.76	99.75122877	2.725716166	-9.537934598	2.888429461
31.78	99.75122877	2.882365819	-8.317845673	2.176413984
31.8	99.75122877	3.42900784	-7.720815493	1.755151927
31.82	99.75122877	3.272358187	-7.56464411	1.64942341
31.84	99.74170728	3.246249911	-7.746844056	1.332237861
31.86	99.74170728	4.287317402	-7.850958311	1.200077216
31.88	99.74170728	4.574508434	-7.720815493	1.175297095
31.9	99.75122877	4.261209126	-7.488185204	1.226509345
31.92	99.74170728	3.819000208	-7.514213768	1.332237861
31.94	99.7321858	3.610134003	-7.462156641	1.252941474
31.96	99.77027174	3.688458829	-7.694786929	1.490830636
31.98	99.74170728	3.559549219	-9.225591834	2.571243912
32	99.75122877	3.636242278	-13.76757621	2.044253338
32.02	99.75122877	1.320764583	-13.09246033	3.468284293
32.04	99.76075025	-1.410813755	-10.65390927	2.571243912
32.06	99.74170728	-0.89028001	-9.692479195	2.941293719
32.08	99.74170728	1.138006654	-9.848650578	3.25682726
32.1	99.75122877	1.945731431	-9.718507759	3.336123648
32.12	99.76075025	2.076272809	-9.978793397	3.62522506
32.14	99.75122877	1.581847339	-9.225591834	3.88954635
32.16	99.74170728	0.774122562	-9.121477579	3.25682726
32.18	99.7321858	1.294656307	-8.68061878	3.388987906
32.2	99.74170728	1.503522512	-8.395931364	3.230395131
32.22	99.75122877	0.878555664	-8.474017056	3.177530873
32.24	99.76075025	0.227480541	-8.552102747	3.071802357
32.26	99.75122877	0.462455022	-9.329706088	2.96607384
32.28	99.75122877	1.789081777	-10.36759507	2.571243912
32.3	99.76075025	3.350683013	-10.23745225	2.91486159

32.32	99.74170728	3.949541586	-9.848650578	2.888429461
32.34	99.7321858	3.897325035	-9.848650578	2.861997332
32.36	99.74170728	3.636242278	-10.10893622	2.729836687
32.38	99.74170728	3.091232024	-8.966932981	2.491947525
32.4	99.74170728	1.581847339	-8.033158257	2.465515396
32.42	99.7321858	1.632432123	-8.758704472	2.491947525
32.44	99.76075025	2.335723798	-9.511906035	2.2821425
32.46	99.74170728	3.141816808	-9.61602029	2.96607384
32.48	99.74170728	3.714567105	-9.303677525	3.151098744
32.5	99.75122877	3.19403336	-9.045018673	2.941293719
32.52	99.77027174	2.960690646	-8.810761599	3.124666615
32.54	99.76075025	2.830149268	-8.447988492	3.124666615
32.56	99.76075025	3.039015473	-8.369902801	2.835565203
32.58	99.75122877	3.141816808	-8.317845673	2.676972429
32.6	99.7321858	3.065123749	-8.395931364	2.62410817
32.62	99.74170728	3.610134003	-9.0970758	2.412651138
32.64	99.7321858	4.104559472	-9.744536323	2.202846113
32.66	99.75122877	4.287317402	-9.589991726	1.99138908
32.68	99.75122877	3.975649861	-8.914875854	1.596559152
32.7	99.74170728	3.688458829	-8.836790163	1.464398507
32.72	99.76075025	3.92343331	-9.459848907	1.411534248
32.74	99.77027174	4.130667748	-9.537934598	1.64942341
32.76	99.76075025	4.391750504	-9.19956327	1.411534248
32.78	99.75122877	4.470075331	-9.459848907	1.200077216
32.8	99.75122877	4.287317402	-9.537934598	1.148864966
32.82	99.77027174	4.91228425	-9.173534706	1.702287668
32.84	99.74170728	4.807851147	-8.784733035	2.017821209
32.86	99.75122877	4.182884299	-8.421959928	2.097117597
32.88	99.7321858	4.313425677	-7.720815493	2.308574629
32.9	99.77027174	4.781742872	-7.694786929	2.491947525
32.92	99.76075025	5.250060066	-7.850958311	2.491947525
32.94	99.75122877	4.938392525	-7.903015439	2.465515396
32.96	99.74170728	5.250060066	-7.876986875	2.544811783
32.98	99.76075025	5.22395179	-7.850958311	2.703404558
33	99.74170728	5.016717352	-7.746844056	2.888429461
33.02	99.75122877	4.990609077	-7.824929748	2.96607384
33.04	99.75122877	5.093410412	-7.616701238	2.96607384
33.06	99.7321858	4.990609077	-7.410099513	2.96607384
33.08	99.75122877	4.886175974	-7.332013822	2.782700945
33.1	99.75122877	4.72952632	-7.538615546	2.703404558
33.12	99.75122877	4.990609077	-7.876986875	2.518379654
33.14	99.74170728	5.22395179	-8.265788546	2.861997332
33.16	99.75122877	5.276168341	-8.187702855	2.861997332
33.18	99.7321858	5.22395179	-7.77287262	2.835565203
33.2	99.74170728	5.250060066	-7.642729801	2.96607384
33.22	99.75122877	5.197843515	-7.538615546	3.124666615
33.24	99.76075025	4.807851147	-7.720815493	3.045370228
33.26	99.74170728	4.91228425	-7.746844056	2.941293719
33.28	99.74170728	5.354493168	-7.668758365	2.756268816

33.3	99.75122877	5.302276617	-7.668758365	2.439083267
33.32	99.77027174	5.171735239	-7.668758365	2.176413984
33.34	99.75122877	5.042825628	-8.109617163	2.597676041
33.36	99.74170728	4.964500801	-8.057560036	2.703404558
33.38	99.75122877	5.093410412	-7.538615546	2.676972429
33.4	99.75122877	5.250060066	-7.462156641	2.756268816
33.42	99.75122877	5.354493168	-7.98110113	2.544811783
33.44	99.75122877	4.677309769	-8.033158257	2.676972429
33.46	99.75122877	4.053974688	-7.824929748	2.835565203
33.48	99.75122877	4.548400158	-7.798901184	2.361438888
33.5	99.74170728	5.302276617	-7.850958311	2.176413984
33.52	99.75122877	5.458926271	-7.384070949	2.676972429
33.54	99.77027174	5.537251098	-7.903015439	3.071802357
33.56	99.76075025	4.833959423	-8.68061878	2.96607384
33.58	99.76075025	4.677309769	-8.784733035	3.309691519
33.6	99.77027174	4.781742872	-8.161674291	3.071802357
33.62	99.75122877	4.860067699	-8.187702855	3.177530873
33.64	99.74170728	4.625093218	-8.421959928	3.336123648
33.66	99.75122877	4.41785878	-8.395931364	3.230395131
33.68	99.77027174	4.104559472	-8.161674291	2.96607384
33.7	99.76075025	4.130667748	-7.798901184	2.756268816
33.72	99.76075025	4.182884299	-7.929044002	2.597676041
33.74	99.74170728	4.313425677	-8.057560036	2.597676041
33.76	99.76075025	4.156776024	-8.213731418	2.756268816
33.78	99.76075025	3.975649861	-8.343874237	2.835565203
33.8	99.77027174	4.261209126	-8.29181711	3.071802357
33.82	99.76075025	4.470075331	-8.447988492	3.018938099
33.84	99.76075025	4.365642229	-8.161674291	3.071802357
33.86	99.76075025	4.261209126	-7.824929748	2.91486159
33.88	99.76075025	4.625093218	-7.694786929	2.861997332
33.9	99.75122877	4.886175974	-7.903015439	3.177530873
33.92	99.76075025	4.833959423	-8.0835886	3.124666615
33.94	99.76075025	4.548400158	-8.007129694	3.230395131
33.96	99.76075025	4.807851147	-7.850958311	3.336123648
33.98	99.76075025	4.598984942	-8.395931364	3.098234486
34	99.75122877	4.598984942	-8.187702855	3.071802357
34.02	99.75122877	3.871216759	-7.824929748	3.124666615
34.04	99.76075025	4.001758137	-7.955072566	3.151098744
34.06	99.77027174	4.651201493	-8.395931364	2.386219009
34.08	99.76075025	4.833959423	-9.355734652	2.62410817
34.1	99.76075025	4.339533953	-9.589991726	1.859228435
34.12	99.75122877	3.845108483	-10.16099334	1.912092693
34.14	99.76075025	3.871216759	-8.628561653	1.596559152
34.16	99.77027174	2.647391339	-9.511906035	1.148864966
34.18	99.75122877	3.402899565	-9.40779178	1.543694894
34.2	99.77027174	3.662350554	-9.0970758	1.596559152
34.22	99.75122877	3.220141635	-9.459848907	1.781584056
34.24	99.75122877	2.69960789	-9.121477579	1.99138908
34.26	99.77027174	2.856257544	-8.88884729	2.255710371

34.28	99.76075025	3.246249911	-9.19956327	2.491947525
34.3	99.74170728	3.662350554	-9.071047236	2.439083267
34.32	99.77027174	4.027866413	-8.810761599	2.412651138
34.34	99.77027174	4.182884299	-8.966932981	2.202846113
34.36	99.76075025	3.975649861	-9.303677525	2.149981855
34.38	99.7321858	3.688458829	-9.40779178	2.176413984
34.4	99.74170728	3.220141635	-9.381763216	2.097117597
34.42	99.77027174	3.42900784	-9.329706088	2.176413984
34.44	99.77027174	3.42900784	-9.147506142	2.255710371
34.46	99.75122877	3.376791289	-9.045018673	2.412651138
34.48	99.76075025	3.091232024	-9.225591834	2.544811783
34.5	99.76075025	3.039015473	-8.992961545	2.650540299
34.52	99.76075025	3.141816808	-8.68061878	2.835565203
34.54	99.76075025	3.376791289	-8.317845673	2.91486159
34.56	99.76075025	3.481224392	-8.343874237	3.071802357
34.58	99.76075025	3.688458829	-8.732675908	3.098234486
34.6	99.74170728	3.740675381	-8.992961545	2.861997332
34.62	99.75122877	3.610134003	-8.88884729	2.729836687
34.64	99.76075025	3.559549219	-8.862818726	2.597676041
34.66	99.74170728	3.507332667	-9.0970758	2.597676041
34.68	99.75122877	3.350683013	-9.277648961	2.465515396
34.7	99.77027174	3.481224392	-8.88884729	2.361438888
34.72	99.75122877	3.92343331	-8.68061878	2.465515396
34.74	99.75122877	4.104559472	-8.68061878	2.62410817
34.76	99.75122877	4.130667748	-8.500045619	2.676972429
34.78	99.77027174	4.001758137	-8.421959928	2.676972429
34.8	99.76075025	3.975649861	-8.706647344	2.729836687
34.82	99.75122877	3.92343331	-8.732675908	2.835565203
34.84	99.74170728	4.080082964	-8.552102747	2.782700945
34.86	99.75122877	4.104559472	-8.576504525	2.703404558
34.88	99.76075025	4.130667748	-8.447988492	2.650540299
34.9	99.76075025	4.208992575	-8.395931364	2.703404558
34.92	99.77027174	4.287317402	-8.395931364	2.676972429
34.94	99.76075025	4.287317402	-8.500045619	2.703404558
34.96	99.77027174	4.261209126	-8.526074183	2.729836687
34.98	99.76075025	4.313425677	-8.474017056	2.703404558
35	99.75122877	4.365642229	-8.343874237	2.703404558
35.02	99.74170728	4.261209126	-8.317845673	2.650540299
35.04	99.76075025	4.208992575	-8.447988492	2.597676041
35.06	99.75122877	4.182884299	-8.421959928	2.62410817
35.08	99.77027174	4.182884299	-8.421959928	2.703404558
35.1	99.76075025	4.130667748	-8.500045619	2.729836687
35.12	99.75122877	4.104559472	-8.474017056	2.835565203
35.14	99.74170728	4.130667748	-8.552102747	2.835565203
35.16	99.76075025	4.104559472	-8.421959928	2.729836687
35.18	99.76075025	4.339533953	-8.474017056	2.729836687
35.2	99.74170728	4.156776024	-8.474017056	2.62410817
35.22	99.76075025	4.391750504	-8.474017056	2.809133074
35.24	99.75122877	4.339533953	-8.576504525	2.99250597

35.26	99.75122877	4.080082964	-8.68061878	2.571243912
35.28	99.77027174	3.975649861	-8.500045619	2.491947525
35.3	99.76075025	3.975649861	-9.147506142	2.597676041
35.32	99.76075025	3.92343331	-8.966932981	2.597676041
35.34	99.76075025	3.92343331	-8.784733035	2.62410817
35.36	99.76075025	3.871216759	-8.395931364	2.491947525
35.38	99.74170728	4.001758137	-8.395931364	2.386219009
35.4	99.75122877	4.053974688	-8.500045619	2.597676041
35.42	99.76075025	4.053974688	-8.474017056	2.62410817
35.44	99.75122877	4.208992575	-8.265788546	2.62410817
35.46	99.76075025	4.182884299	-8.135645727	2.597676041
35.48	99.74170728	4.080082964	-8.343874237	2.729836687
35.5	99.76075025	4.053974688	-8.552102747	2.729836687
35.52	99.76075025	3.92343331	-8.784733035	2.62410817
35.54	99.77027174	3.897325035	-8.914875854	2.597676041
35.56	99.77027174	3.845108483	-8.88884729	2.597676041
35.58	99.74170728	3.92343331	-8.940904418	2.544811783
35.6	99.75122877	4.130667748	-9.0970758	2.518379654
35.62	99.76075025	4.156776024	-8.992961545	2.62410817
35.64	99.75122877	3.792891932	-8.992961545	2.571243912
35.66	99.75122877	3.662350554	-8.810761599	2.544811783
35.68	99.77027174	3.636242278	-8.447988492	2.571243912
35.7	99.76075025	3.610134003	-8.68061878	2.597676041
35.72	99.76075025	3.688458829	-8.784733035	2.62410817
35.74	99.77027174	3.792891932	-8.732675908	2.518379654
35.76	99.76075025	3.819000208	-8.914875854	2.412651138
35.78	99.75122877	3.897325035	-8.966932981	2.412651138
35.8	99.77027174	3.975649861	-8.836790163	2.412651138
35.82	99.77027174	3.897325035	-8.810761599	2.518379654
35.84	99.76075025	3.662350554	-9.045018673	2.571243912
35.86	99.76075025	3.610134003	-9.225591834	2.412651138
35.88	99.77027174	3.455116116	-9.018990109	2.308574629
35.9	99.75122877	3.220141635	-8.836790163	2.2821425
35.92	99.76075025	3.376791289	-9.147506142	2.176413984
35.94	99.75122877	3.533440943	-9.303677525	2.097117597
35.96	99.76075025	3.610134003	-9.045018673	2.2821425
35.98	99.74170728	3.298466462	-8.992961545	2.176413984
36	99.76075025	3.507332667	-9.251620397	2.412651138
36.02	99.77027174	3.455116116	-9.225591834	2.335006758
36.04	99.77027174	3.298466462	-8.810761599	2.229278242
36.06	99.75122877	3.246249911	-8.628561653	2.202846113
36.08	99.77027174	3.220141635	-8.914875854	2.335006758
36.1	99.77027174	3.246249911	-8.992961545	2.412651138
36.12	99.76075025	3.298466462	-9.045018673	2.412651138
36.14	99.76075025	3.220141635	-9.045018673	2.308574629
36.16	99.76075025	3.091232024	-9.147506142	2.308574629
36.18	99.76075025	3.19403336	-9.355734652	2.202846113
36.2	99.76075025	3.272358187	-9.40779178	2.255710371
36.22	99.75122877	2.986798922	-9.147506142	2.176413984

36.24	99.76075025	3.141816808	-9.225591834	2.097117597
36.26	99.76075025	3.246249911	-9.0970758	2.149981855
36.28	99.76075025	3.402899565	-9.225591834	2.229278242
36.3	99.76075025	3.42900784	-8.862818726	2.176413984
36.32	99.77027174	3.585657494	-8.810761599	2.176413984
36.34	99.74170728	3.636242278	-8.914875854	2.229278242
36.36	99.76075025	3.42900784	-9.121477579	2.123549726
36.38	99.75122877	3.220141635	-9.355734652	2.176413984
36.4	99.75122877	3.19403336	-9.277648961	2.255710371
36.42	99.77027174	3.167925084	-9.225591834	2.123549726
36.44	99.77027174	3.220141635	-9.0970758	2.176413984
36.46	99.75122877	3.220141635	-8.914875854	2.308574629
36.48	99.75122877	3.141816808	-9.071047236	2.335006758
36.5	99.76075025	2.960690646	-9.147506142	2.308574629
36.52	99.74170728	2.856257544	-9.121477579	2.412651138
36.54	99.74170728	2.804040992	-9.277648961	2.308574629
36.56	99.75122877	2.908474095	-9.40779178	2.255710371
36.58	99.77027174	3.141816808	-9.381763216	2.176413984
36.6	99.75122877	3.246249911	-9.19956327	2.176413984
36.62	99.75122877	3.220141635	-9.121477579	2.176413984
36.64	99.75122877	3.298466462	-9.018990109	2.386219009
36.66	99.75122877	3.298466462	-8.88884729	2.386219009
36.68	99.75122877	3.039015473	-9.121477579	2.386219009
36.7	99.77027174	3.167925084	-8.992961545	2.308574629
36.72	99.74170728	3.115708533	-9.225591834	2.229278242
36.74	99.76075025	3.091232024	-9.173534706	2.097117597
36.76	99.76075025	3.350683013	-9.045018673	2.097117597
36.78	99.76075025	3.298466462	-9.277648961	1.964956951
36.8	99.76075025	3.662350554	-9.173534706	2.2821425
36.82	99.76075025	3.636242278	-9.173534706	2.097117597
36.84	99.76075025	3.662350554	-8.966932981	2.097117597
36.86	99.75122877	3.376791289	-8.88884729	2.123549726
36.88	99.76075025	3.246249911	-8.966932981	2.070685468
36.9	99.75122877	3.039015473	-9.225591834	2.097117597
36.92	99.76075025	3.455116116	-8.758704472	2.044253338
36.94	99.77027174	4.053974688	-8.68061878	1.885660564
36.96	99.75122877	4.522291883	-8.88884729	2.123549726
36.98	99.76075025	4.496183607	-8.784733035	2.070685468
37	99.77027174	4.130667748	-8.966932981	2.255710371
37.02	99.76075025	4.182884299	-8.810761599	2.097117597
37.04	99.77027174	4.235100851	-8.784733035	2.017821209
37.06	99.76075025	4.182884299	-8.914875854	1.912092693
37.08	99.76075025	4.156776024	-8.966932981	1.938524822
37.1	99.76075025	3.92343331	-9.121477579	2.017821209
37.12	99.76075025	3.688458829	-9.121477579	1.912092693
37.14	99.77027174	3.610134003	-9.045018673	1.702287668
37.16	99.76075025	3.975649861	-9.225591834	1.859228435
37.18	99.75122877	3.766783656	-9.045018673	1.755151927
37.2	99.76075025	4.235100851	-9.045018673	1.832796306

37.22	99.77027174	4.001758137	-9.071047236	1.781584056
37.24	99.75122877	3.897325035	-8.966932981	1.781584056
37.26	99.77027174	4.027866413	-8.706647344	1.885660564
37.28	99.77027174	4.053974688	-8.758704472	1.912092693
37.3	99.76075025	4.001758137	-8.862818726	1.99138908
37.32	99.74170728	4.001758137	-8.992961545	2.044253338
37.34	99.76075025	3.845108483	-8.914875854	1.885660564
37.36	99.77027174	3.92343331	-8.940904418	1.859228435
37.38	99.76075025	3.845108483	-8.966932981	1.781584056
37.4	99.77027174	3.766783656	-9.0970758	1.781584056
37.42	99.75122877	3.92343331	-9.251620397	1.806364177
37.44	99.77027174	3.975649861	-9.045018673	1.781584056
37.46	99.76075025	4.053974688	-8.992961545	1.755151927
37.48	99.76075025	4.130667748	-8.966932981	1.781584056
37.5	99.76075025	4.080082964	-8.914875854	1.781584056
37.52	99.76075025	4.080082964	-8.862818726	1.755151927
37.54	99.77027174	4.080082964	-8.836790163	1.755151927
37.56	99.77027174	4.001758137	-8.88884729	1.755151927
37.58	99.77027174	3.92343331	-9.045018673	1.806364177
37.6	99.76075025	4.130667748	-8.940904418	1.912092693
37.62	99.76075025	3.92343331	-8.836790163	1.832796306
37.64	99.77027174	3.975649861	-8.940904418	1.885660564
37.66	99.76075025	3.92343331	-8.836790163	1.885660564
37.68	99.77027174	3.871216759	-8.88884729	1.938524822
37.7	99.78931471	3.871216759	-8.914875854	1.912092693
37.72	99.77027174	3.949541586	-8.862818726	1.912092693
37.74	99.77979322	3.949541586	-8.88884729	1.885660564
37.76	99.77027174	4.027866413	-8.992961545	1.938524822
37.78	99.77979322	4.001758137	-9.018990109	1.912092693
37.8	99.76075025	3.92343331	-8.966932981	1.912092693
37.82	99.76075025	3.897325035	-8.966932981	1.912092693
37.84	99.77027174	3.92343331	-8.88884729	1.885660564
37.86	99.76075025	3.897325035	-8.914875854	1.912092693
37.88	99.77027174	3.92343331	-8.940904418	1.964956951
37.9	99.76075025	3.975649861	-8.88884729	1.938524822
37.92	99.77027174	3.897325035	-8.940904418	1.964956951
37.94	99.76075025	3.871216759	-8.940904418	1.912092693
37.96	99.77027174	3.897325035	-8.966932981	1.912092693
37.98	99.77027174	3.845108483	-9.071047236	1.885660564
38	99.77979322	3.975649861	-9.045018673	1.938524822
38.02	99.77027174	3.792891932	-9.045018673	1.832796306
38.04	99.75122877	3.766783656	-9.0970758	1.832796306
38.06	99.76075025	3.975649861	-8.914875854	1.912092693
38.08	99.76075025	3.975649861	-8.914875854	1.885660564
38.1	99.75122877	3.871216759	-8.992961545	1.938524822
38.12	99.75122877	3.792891932	-8.940904418	1.938524822
38.14	99.76075025	3.871216759	-8.914875854	1.859228435
38.16	99.76075025	3.897325035	-8.914875854	1.885660564
38.18	99.76075025	3.92343331	-8.992961545	1.964956951

38.2	99.77027174	3.949541586	-8.992961545	1.912092693
38.22	99.77027174	3.92343331	-8.992961545	1.885660564
38.24	99.77027174	3.897325035	-8.966932981	1.859228435
38.26	99.77027174	3.975649861	-8.966932981	1.859228435
38.28	99.77027174	4.001758137	-8.88884729	1.885660564
38.3	99.76075025	3.949541586	-8.836790163	1.912092693
38.32	99.77979322	3.871216759	-8.836790163	1.912092693