

Supplement of Clim. Past Discuss., 11, 5049–5071, 2015
<http://www.clim-past-discuss.net/11/5049/2015/>
doi:10.5194/cpd-11-5049-2015-supplement
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Supplement of

Late Cretaceous (Late Campanian– Maastrichtian) sea surface temperature record of the Boreal Chalk Sea

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Samples	Depth (m)	% Ahmu. octoradiata	% Ahmu. regularis	% Arkh. cymbiformis s.l.	% Gartnerago spp.	% Kamp. magnificus	% Nephro. frequens	% Watz. barnesiae	NTI	Age(Ma)	% Total assemblage
1475	-13.28	0.5	3.0	20.8	0.2	1.7	6.8	0.6	0.108	66.155	33.5
8395	-13.57	1.2	3.4	12.2	0.0	0.3	19.8	1.3	0.123	66.157	38.2
8394	-13.81	0.2	1.5	10.8	0.0	0.4	18.5	0.9	0.075	66.16	32.4
8393	-14.07	0.9	2.5	11.9	0.0	0.9	12.6	3.0	0.173	66.162	31.7
1474	-14.29	1.3	2.5	12.3	0.0	0.8	9.8	2.5	0.169	66.164	29.2
8392	-14.69	0.8	3.0	9.5	0.2	1.2	6.9	6.5	0.338	66.168	28.1
8391	-14.94	0.9	3.1	8.6	0.0	1.4	9.7	3.8	0.248	66.171	27.6
1473	-15.37	1.0	4.0	11.1	0.2	0.8	2.8	6.5	0.398	66.175	26.3
1471	-17.25	1.0	2.8	7.6	0.0	1.2	7.2	5.4	0.325	66.193	25.3
1469	-19.00	1.2	1.4	6.9	0.3	0.7	7.5	9.8	0.402	66.21	27.8
1467	-21.39	1.0	1.8	12.7	0.2	1.0	4.7	4.3	0.238	66.232	25.8
1466	-22.10	1.5	3.8	7.4	0.4	1.1	6.0	3.6	0.310	66.239	23.8
1463	-24.42	1.2	3.5	5.4	0.3	0.9	10.2	5.9	0.342	66.262	27.4
1462	-26.62	0.7	1.8	15.4	0.9	0.4	5.0	7.7	0.299	66.283	32.0
1458	-30.16	0.6	1.1	21.9	0.2	0.8	4.2	3.8	0.148	66.317	32.6
1455	-32.88	0.7	1.0	6.8	0.0	2.8	3.5	2.6	0.208	66.343	17.3
1452	-35.42	0.7	0.2	4.7	0.0	2.8	6.3	0.9	0.075	66.367	15.6
1447	-40.24	0.2	0.4	11.9	0.0	4.0	7.9	2.2	0.097	66.44	26.5
1442	-45.95	0.2	0.0	11.6	0.0	5.9	4.2	2.3	0.096	66.583	24.3
1432	-55.90	1.0	0.2	6.4	0.0	6.2	5.7	1.0	0.060	66.831	20.5
1428	-59.28	0.2	2.0	10.0	0.7	11.1	3.3	1.1	0.109	66.916	28.4
1422	-64.80	0.3	1.9	6.8	0.2	3.9	12.8	0.5	0.092	67.054	26.4
1417	-69.22	0.6	0.6	16.3	0.2	16.1	0.0	0.4	0.027	67.164	34.0
1411	-75.00	1.0	1.4	9.9	0.2	7.7	0.0	2.6	0.173	67.309	22.8
1407	-79.80	1.9	0.5	9.9	0.2	5.7	0.9	1.2	0.081	67.429	20.3
1401	-85.10	1.2	0.4	4.3	1.0	2.9	20.8	2.7	0.093	67.556	33.4
8180	-90.34	1.2	0.6	3.0	0.9	5.3	20.5	1.4	0.060	67.655	32.9
1390	-95.53	1.7	3.9	3.0	0.3	5.2	2.3	1.2	0.289	67.752	17.7
8157	-97.69	1.6	0.4	4.2	0.6	2.8	8.1	0.6	0.057	67.793	18.4
1386	-99.43	1.1	1.6	3.8	0.3	3.6	19.4	2.5	0.128	67.826	32.4
5266	-102.37	1.8	0.7	4.0	0.4	6.7	11.2	1.1	0.071	67.881	26.0
1380	-104.91	0.6	0.6	7.0	0.3	3.4	24.3	0.7	0.036	67.929	36.8
5620	-106.37	0.2	1.3	6.3	0.7	0.9	24.7	3.4	0.125	67.957	37.5
1370	-114.81	1.4	5.7	4.7	0.6	4.7	3.5	4.3	0.402	68.108	24.9
1364	-120.35	1.0	2.8	18.9	0.5	9.0	0.0	6.3	0.238	68.191	38.6
1358	-125.85	1.9	6.7	9.3	0.6	9.1	0.0	3.7	0.331	68.274	31.3
1353	-130.73	0.5	4.0	9.4	0.5	15.9	1.4	1.4	0.163	68.348	33.3
1348	-135.13	2.7	6.4	6.2	0.1	4.3	0.0	10.1	0.552	68.414	29.8
1337	-145.25	2.7	4.2	5.3	0.5	7.7	0.0	2.1	0.279	68.566	22.4

1327	-154.55	1.0	4.3	8.1	0.2	6.7	0.0	3.1	0.316	68.706	23.3
1316	-164.80	1.8	2.5	5.1	0.5	6.9	0.0	3.1	0.282	68.860	20.0
1310	-170.50	2.1	4.3	3.0	0.4	7.6	0.0	5.9	0.435	68.945	23.3
1305	-175.22	0.3	9.5	7.5	0.3	2.9	0.0	4.5	0.559	69.016	24.9
1300	-179.79	0.4	0.0	10.8	0.4	5.6	0.0	2.2	0.111	69.085	19.4
1294	-185.10	2.6	4.9	3.1	0.5	3.7	0.0	0.5	0.354	69.165	15.3
1287	-191.24	0.2	0.7	0.7	0.0	8.5	0.0	2.2	0.232	69.257	12.2
1283	-194.84	2.1	2.3	1.8	1.2	3.7	0.0	0.9	0.265	69.311	12.1
1272	-205.38	1.0	5.6	2.0	1.3	6.2	0.0	2.0	0.420	69.488	18.1
1262	-214.60	3.0	2.2	6.1	0.2	6.7	0.0	1.1	0.169	69.673	19.3
1257	-219.29	0.0	0.0	7.6	0.7	28.1	0.0	1.8	0.048	69.767	38.2
1250	-225.58	1.6	0.0	10.0	2.0	17.9	0.0	0.7	0.021	69.893	32.2
1240	-234.89	0.4	0.0	16.0	0.4	15.8	0.0	0.4	0.013	70.079	33.0
1229	-244.95	1.4	2.6	4.0	0.8	22.3	0.0	1.2	0.118	70.281	32.4
1218	-255.20	2.7	0.2	15.4	0.5	14.0	0.0	1.0	0.036	70.486	33.8
1207	-265.49	2.8	0.6	4.2	0.8	4.8	0.0	0.2	0.060	70.693	13.3
1203	-269.11	0.4	0.5	4.6	0.4	15.3	0.0	0.7	0.057	70.765	21.9
1196	-275.54	3.1	0.6	11.3	1.2	9.1	0.0	0.4	0.040	70.894	25.8
1186	-284.81	1.7	1.7	11.0	1.7	5.1	0.0	0.7	0.111	71.080	22.0
1175	-295.04	1.6	1.1	5.2	2.7	3.3	0.0	1.4	0.165	71.285	15.2
1170	-299.63	0.7	0.2	1.7	0.4	11.7	0.0	3.3	0.196	71.377	18.0
1164	-305.29	2.3	1.7	1.7	1.2	6.8	0.0	1.0	0.188	71.490	14.9
7398	-310.10	2.1	7.8	2.3	0.0	2.7	0.0	0.7	0.544	71.669	15.6
1153	-315.41	3.0	1.7	0.9	1.1	5.9	0.0	5.0	0.383	72.007	17.6
7372	-319.85	1.0	0.5	0.5	0.7	1.7	0.0	23.7	0.863	72.189	28.0
1141	-325.77	1.3	0.7	3.4	2.9	5.4	0.0	8.3	0.408	72.294	21.9
1131	-335.06	1.2	1.0	0.6	4.3	2.1	0.0	5.2	0.429	72.459	14.4
1125	-340.38	0.0	0.0	0.2	0.9	3.0	0.0	2.3	0.367	72.553	6.4
1119	-345.85	0.2	0.9	0.9	2.8	2.1	0.0	6.7	0.559	72.650	13.7
1114	-350.72	0.2	0.5	4.9	4.2	3.0	0.0	3.7	0.254	72.736	16.5
1109	-355.34	1.2	5.1	2.0	2.7	1.3	0.0	4.0	0.560	72.818	16.3
1098	-365.65	0.0	2.4	0.2	0.2	0.9	0.0	5.1	0.850	72.967	8.8
1087	-375.86	0.0	1.5	1.1	0.4	1.8	0.0	8.4	0.750	73.036	13.2
1083	-379.61	1.7	1.2	0.3	0.2	1.2	0.0	10.7	0.778	73.062	15.3
1077	-385.18	0.5	1.4	0.2	2.3	1.6	0.0	6.3	0.623	73.100	12.4
1066	-395.40	1.4	1.6	0.4	2.0	2.0	0.0	10.7	0.678	73.169	18.2
1055	-405.77	3.4	1.1	1.6	1.1	4.5	0.0	12.7	0.565	73.240	24.5
1044	-415.78	0.4	1.4	0.4	1.6	4.1	0.0	16.6	0.736	73.342	24.4
1034	-425.24	1.0	4.0	1.4	1.4	4.3	0.0	13.6	0.685	73.475	25.7
1029	-429.71	0.0	1.4	0.7	0.7	2.8	0.0	9.5	0.719	73.554	15.2
7086	-430.25	0.0	0.5	1.1	0.2	2.0	0.0	15.8	0.828	73.562	19.7
7076	-432.88	0.4	1.7	0.9	0.4	1.5	0.0	14.0	0.830	73.637	18.9
7072	-433.97	0.0	2.4	0.7	1.5	2.2	0.0	8.6	0.714	73.672	15.4
7070	-434.69	1.7	3.3	0.9	4.3	1.9	0.0	9.7	0.598	73.695	21.7
1023	-435.42	0.0	3.4	0.2	1.6	2.3	0.0	10.7	0.775	73.718	18.2
1017	-441.13	0.0	0.7	2.6	0.5	4.6	0.0	7.8	0.528	73.900	16.2
1011	-446.67	0.7	4.2	0.9	0.0	5.1	0.0	3.0	0.517	74.076	14.0
1007	-450.48	0.0	0.0	2.8	1.4	7.0	0.0	2.6	0.186	74.198	13.8

1004 -453.29 2.4 2.4 1.4 0.2 5.3 0.0 7.3 0.510 74.287 19.0

Table S1: Relative abundances of relevant calcareous nannofossil palaeoecological markers in the Stevns-1 core.

Sample	depth(m)	$\delta^{13}\text{C(PDB)}$	$\delta^{18}\text{O(PDB)}$	Age_(Ma)
8422	-0.24	0.78	-2.04	-
1485	-0.92	0.74	-2.02	-
8421	-1.09	0.92	-2.16	-
8420	-1.37	0.96	-2.09	-
1484	-1.63	0.86	-2.09	-
8419	-2.09	0.91	-1.95	-
8418	-2.33	0.85	-1.81	-
8417	-2.58	0.78	-1.82	-
1483	-2.84	0.83	-2.06	-
8416	-5.2	0.84	-2.08	-
8415	-5.44	0.85	-1.79	-
8414	-5.69	0.76	-1.74	-
1482	-5.94	0.89	-1.90	-
8413	-6.16	0.89	-1.59	-
8412	-6.45	1.09	-1.74	-
8411	-6.7	1.08	-1.93	-
1481	-6.94	1.08	-1.87	-
8410	-7.37	1.07	-1.61	-
8409	-7.62	1.17	-1.47	-
1480	-7.85	1.01	-1.74	-
8408	-8	1.05	-1.81	-
8407	-8.25	1.16	-1.58	-
1479	-8.5	1.06	-1.50	-
8406	-9.92	1.16	-2.07	-
8405	-10.17	1.25	-1.70	-
8404	-10.42	1.24	-1.58	-
1478	-10.65	1.20	-1.81	-
8403	-10.82	1.30	-1.47	-
8402	-11.07	1.31	-1.61	-
8401	-11.34	1.38	-2.00	-
1477	-11.55	1.32	-1.78	-
8400	-11.68	1.25	-1.81	-
8399	-11.94	1.37	-1.93	-
8398	-12.27	1.38	-1.86	-
1476	-12.47	1.40	-1.61	-
8397	-12.77	1.41	-1.34	-
K-Pg	-12.8			66.150
8396	-13.01	1.46	-1.11	66.152
1475	-13.28	1.36	-1.18	66.155
8395	-13.57	1.41	-1.47	66.157
8394	-13.81	1.44	-1.40	66.160

8393	-14.07	1.63	-1.49	66.162
1474	-14.29	1.53	-1.37	66.164
8392	-14.69	1.64	-1.59	66.168
8391	-14.94	1.60	-1.54	66.171
1473	-15.37	1.34	-1.59	66.175
8390	-15.55	1.46	-1.28	66.176
8389	-15.8	1.50	-1.52	66.179
8388	-16.05	1.59	-1.59	66.181
1472	-16.24	1.67	-1.16	66.183
8387	-16.52	1.66	-1.95	66.186
8386	-16.76	1.60	-1.39	66.188
8385	-16.99	1.67	-1.73	66.190
1471	-17.25	1.55	-1.26	66.193
8384	-17.7	1.56	-1.40	66.197
8383	-17.96	1.64	-1.61	66.200
1470	-18.34	1.63	-1.39	66.203
8382	-18.53	1.60	-1.44	66.205
8381	-18.8	1.67	-1.46	66.208
1469	-19	1.61	-1.45	66.210
8380	-19.49	1.65	-1.38	66.214
8379	-19.73	1.60	-1.79	66.217
1468	-20.04	1.54	-1.19	66.220
8378	-20.12	1.54	-1.10	66.220
8377	-20.37	1.65	-1.34	66.223
8376	-20.73	1.55	-1.20	66.226
8375	-20.97	1.71	-1.32	66.228
8374	-21.21	1.65	-1.23	66.231
8373	-21.34	1.72	-1.33	66.232
1467	-21.39	1.61	-1.38	66.232
8372	-21.59	1.72	-0.85	66.234
8371	-21.86	1.76	-1.41	66.237
1466	-22.1	1.63	-1.47	66.239
8370	-22.3	1.65	-0.92	66.241
8369	-22.57	1.66	-1.44	66.244
1465	-22.84	1.64	-1.34	66.246
8368	-23.11	1.75	-1.07	66.249
8367	-23.36	1.63	-0.71	66.251
1464	-23.59	1.73	-1.21	66.254
8366	-23.87	1.71	-1.34	66.256
8365	-24.16	1.64	-1.11	66.259
1463	-24.42	1.63	-1.21	66.262
4029	-24.45	1.52	-1.38	66.262
8364	-24.66	1.68	-1.01	66.264
8363	-26.1	1.66	-1.36	66.278
8362	-26.35	1.69	-0.91	66.280
1462	-26.62	1.67	-1.64	66.283
8361	-26.9	1.68	-1.69	66.285
1461	-27.22	1.67	-1.15	66.288

8360	-27.4	1.66	-1.64	66.290
8359	-27.86	1.72	-1.09	66.295
8358	-28.12	1.71	-1.25	66.297
8357	-28.37	1.80	-1.09	66.300
1460	-28.59	1.68	-1.25	66.302
8356	-28.87	1.77	-1.18	66.304
8355	-28.98	1.75	-1.12	66.305
8354	-29.2	1.80	-1.56	66.307
1459	-29.45	1.66	-1.26	66.310
8353	-29.49	1.70	-1.33	66.310
8352	-29.74	1.70	-1.25	66.313
8351	-29.98	1.84	-0.64	66.315
1458	-30.16	1.62	-1.13	66.317
8350	-30.47	1.61	-1.31	66.320
8349	-30.72	1.59	-1.72	66.322
1457	-30.98	1.58	-1.22	66.325
8348	-31.35	1.72	-1.34	66.328
8347	-31.57	1.73	-1.25	66.330
1456	-31.91	1.64	-1.21	66.334
8346	-32.05	1.77	-1.40	66.335
8345	-32.37	1.78	-1.44	66.338
8344	-32.69	1.81	-1.34	66.341
1455	-32.88	1.59	-1.07	66.343
8343	-32.99	1.72	-1.17	66.344
1454	-33.24	1.63	-1.22	66.346
8342	-33.73	1.78	-1.31	66.351
8341	-33.96	1.79	-0.94	66.353
8340	-34.28	1.84	-1.13	66.356
1453	-34.53	1.79	-1.24	66.359
8339	-34.73	1.73	-0.96	66.361
8338	-34.96	1.81	-1.12	66.363
8337	-35.27	1.85	-0.90	66.366
1452	-35.42	1.76	-0.90	66.367
8336	-35.67	1.79	-0.85	66.370
8335	-35.92	1.70	-1.01	66.372
8334	-36.16	1.67	-1.01	66.374
1451	-36.42	1.67	-1.01	66.377
1450	-36.9	1.66	-1.10	66.381
8333	-37.11	1.73	-1.16	66.383
8332	-37.63	1.80	-1.12	66.388
8331	-37.88	1.68	-0.85	66.391
8330	-38.13	1.60	-1.13	66.393
1449	-38.37	1.57	-1.29	66.396
8329	-38.52	1.65	-1.04	66.397
8328	-38.83	1.62	-1.08	66.405
1448	-39.07	1.56	-1.04	66.411
8327	-39.07	1.59	-1.44	66.411
8326	-39.52	1.51	-0.91	66.422

8325	-39.77	1.55	-0.97	66.428
8324	-40.02	1.61	-1.09	66.434
1447	-40.24	1.54	-1.30	66.440
8323	-40.48	1.59	-0.98	66.446
8322	-40.75	1.45	-0.91	66.453
1446	-41.15	1.40	-1.25	66.463
8321	-41.2	1.59	-1.37	66.464
8320	-41.45	1.50	-1.26	66.470
8319	-41.7	1.50	-0.82	66.476
1445	-41.93	1.57	-1.08	66.482
8318	-42.37	1.51	-0.79	66.493
8317	-42.63	1.58	-1.13	66.500
8316	-42.89	1.56	-0.83	66.506
1444	-43.1	1.47	-0.86	66.511
8315	-43.27	1.67	-1.42	66.516
8314	-43.49	1.49	-0.76	66.521
8313	-43.74	1.67	-1.14	66.527
1443	-43.98	1.66	-1.49	66.533
4027	-44.15	1.70	-0.90	66.538
8312	-45.2	1.67	-1.63	66.564
8311	-45.48	1.65	-0.48	66.571
8310	-45.73	1.69	-0.97	66.577
1442	-45.95	1.59	-1.09	66.583
1441	-46.26	1.68	-1.19	66.590
8309	-46.64	1.88	-1.15	66.600
8308	-46.88	1.86	-0.96	66.606
8307	-47.18	1.84	-1.03	66.613
8306	-47.41	1.82	-0.95	66.619
8305	-47.66	1.80	-0.97	66.625
1440	-47.92	1.71	-1.05	66.632
8304	-48.07	1.81	-0.77	66.636
8303	-48.33	1.85	-0.94	66.642
8302	-48.58	1.75	-0.74	66.648
1439	-48.74	1.89	-0.85	66.652
8301	-48.77	1.93	-1.03	66.653
8300	-49.02	1.93	-0.88	66.659
8299	-49.27	1.86	-1.00	66.666
1438	-49.54	1.84	-1.23	66.672
8298	-49.7	1.77	-0.84	66.676
8297	-49.96	1.88	-0.94	66.683
1437	-50.52	1.93	-1.07	66.697
8295	-50.8	1.90	-0.92	66.704
8294	-51.15	1.84	-0.94	66.713
1436	-51.38	1.94	-1.18	66.718
8293	-51.56	1.85	-0.85	66.723
8292	-51.8	1.97	-1.35	66.729
8291	-52.1	1.89	-1.00	66.736
1435	-52.41	1.98	-0.98	66.744

8290	-53.31	1.90	-1.33	66.767
8289	-53.56	1.85	-0.71	66.773
1434	-53.8	1.92	-0.92	66.779
4026	-54	1.92	-1.04	66.784
8288	-54.09	1.96	-0.79	66.786
8287	-54.25	1.90	-0.44	66.790
8286	-54.49	1.86	-0.86	66.796
8285	-54.74	1.90	-0.48	66.802
1433	-55	1.95	-0.92	66.809
8284	-55.19	1.88	-0.73	66.814
8283	-55.45	1.85	-0.80	66.820
8282	-55.7	1.89	-0.79	66.826
8281	-55.83	1.88	-0.78	66.830
1432	-55.9	1.97	-0.89	66.831
8280	-56.08	1.90	-0.70	66.836
8279	-56.32	2.01	-0.86	66.842
1431	-56.57	1.92	-1.08	66.848
8278	-56.97	1.92	-0.96	66.858
8277	-57.27	1.91	-1.00	66.866
8276	-57.52	1.91	-1.12	66.872
1430	-57.76	1.91	-1.12	66.878
8275	-57.94	1.96	-1.18	66.882
8274	-58.19	1.99	-0.98	66.889
8273	-58.44	2.00	-0.98	66.895
1429	-58.7	1.95	-1.01	66.901
8272	-59.02	1.93	-1.08	66.909
1428	-59.28	1.95	-1.04	66.916
8271	-59.5	2.02	-1.15	66.921
8270	-60.02	1.98	-0.95	66.934
8269	-60.27	1.86	-0.83	66.941
8268	-60.52	1.95	-1.04	66.947
8267	-60.71	1.92	-1.21	66.952
1427	-60.79	1.80	-0.41	66.954
8266	-60.96	1.87	-1.01	66.958
8265	-61.21	1.99	-1.00	66.964
1426	-61.42	1.85	-0.86	66.969
8264	-61.79	1.96	-1.09	66.979
8263	-62.02	1.85	-0.73	66.984
1425	-62.33	1.85	-0.88	66.992
8262	-62.63	1.97	-1.12	67.000
1424	-62.86	1.86	-0.58	67.005
8261	-63.1	1.92	-1.05	67.011
8260	-63.36	1.90	-0.76	67.018
8259	-63.61	1.87	-0.89	67.024
1423	-63.86	1.81	-0.79	67.030
8258	-64.13	1.86	-1.00	67.037
4025	-64.2	1.86	-0.78	67.039
8257	-64.32	1.86	-0.95	67.042

8256	-64.57	1.99	-1.09	67.048
1422	-64.8	1.83	-0.79	67.054
8255	-65	1.89	-0.76	67.059
8254	-65.25	1.77	-0.97	67.065
8253	-65.51	1.87	-0.80	67.071
1421	-65.77	1.77	-0.88	67.078
8252	-66	1.83	-0.86	67.084
8251	-66.25	1.82	-1.12	67.090
1420	-66.52	1.81	-0.86	67.097
8250	-66.6	1.82	-0.92	67.099
8249	-66.85	1.71	-0.97	67.105
8248	-67.11	1.70	-0.98	67.111
1419	-67.33	1.74	-0.48	67.117
8247	-67.58	1.80	-1.03	67.123
8246	-67.83	1.85	-1.10	67.129
8245	-68.08	1.85	-0.95	67.136
1418	-68.31	1.73	-1.20	67.141
8244	-68.41	1.83	-1.08	67.144
8243	-68.66	1.87	-0.72	67.150
8242	-68.99	1.84	-1.13	67.158
1417	-69.22	1.82	-0.98	67.164
8241	-69.44	1.82	-0.95	67.170
8240	-69.69	1.89	-0.90	67.176
8239	-69.94	1.91	-0.80	67.182
1416	-70.19	1.91	-0.89	67.188
8238	-70.34	1.85	-1.00	67.192
8237	-70.59	1.98	-0.87	67.198
8236	-70.84	1.94	-1.04	67.205
1415	-71.13	1.86	-1.29	67.212
8235	-71.65	1.97	-1.31	67.225
8234	-71.9	1.96	-1.14	67.231
8233	-72.11	1.91	-1.06	67.236
1414	-72.12	1.87	-0.79	67.237
8232	-72.26	2.03	-1.36	67.240
8231	-72.5	2.01	-0.99	67.246
8230	-72.7	1.99	-1.25	67.251
1413	-72.97	1.92	-0.95	67.258
6164	-72.975	1.82	-1.23	67.258
6163	-73.05	1.83	-1.00	67.260
6162	-73.1	1.85	-1.06	67.261
6161	-73.15	1.86	-1.10	67.262
6160	-73.2	1.93	-0.74	67.264
6159	-73.25	1.89	-0.91	67.265
6158	-73.3	1.94	-0.80	67.266
8229	-73.38	1.97	-1.02	67.268
6154	-73.55	1.96	-1.19	67.272
6153	-73.595	2.05	-1.03	67.274
8228	-73.62	1.91	-0.66	67.274

6152	-73.64	2.03	-0.96	67.275
6151	-73.69	2.01	-1.08	67.276
6149	-73.76	1.91	-1.23	67.278
6148	-73.81	1.97	-0.97	67.279
6147	-73.86	1.94	-0.85	67.280
8227	-73.87	1.88	-0.72	67.280
6146	-73.91	1.86	-0.83	67.281
6167	-73.96	1.93	-0.80	67.283
6145	-74.01	1.88	-0.86	67.284
6166	-74.06	1.93	-1.00	67.285
6144	-74.11	2.03	-1.02	67.286
6165	-74.16	2.01	-1.12	67.288
6143	-74.21	1.98	-0.87	67.289
4024	-74.3	1.80	-0.95	67.291
8226	-74.41	1.93	-0.48	67.294
8225	-74.66	1.92	-0.78	67.300
1411	-75	1.79	-1.00	67.309
5628	-76.05	1.86	-0.34	67.335
8224	-76.12	1.88	-0.77	67.337
8223	-76.39	1.86	-0.73	67.343
8222	-76.64	1.91	-0.84	67.350
1410	-76.9	1.75	-0.16	67.356
8221	-77.21	1.88	-0.80	67.364
8220	-77.46	2.02	-0.96	67.370
8219	-77.71	2.07	-0.73	67.376
1409	-77.94	1.84	-0.88	67.382
8218	-78.07	2.01	-0.69	67.385
5627	-78.3	2.15	-0.47	67.391
8217	-78.32	2.04	-1.11	67.392
8216	-78.57	2.04	-0.64	67.398
1408	-78.87	1.96	-0.63	67.405
8215	-79.06	1.96	-1.01	67.410
8214	-79.31	2.10	-1.23	67.416
8213	-79.54	2.14	-1.17	67.422
1407	-79.8	2.09	-0.68	67.429
8212	-79.97	2.12	-1.12	67.433
8211	-80.22	2.14	-1.01	67.439
8210	-80.47	2.04	-0.84	67.445
1406	-80.71	2.06	-0.53	67.451
8209	-80.83	2.02	-0.92	67.454
8208	-81.08	2.17	-1.09	67.461
8207	-81.33	2.01	-0.80	67.467
1405	-81.58	1.98	-0.97	67.473
8206	-81.8	2.06	-0.75	67.479
8205	-82.05	2.09	-1.01	67.485
8204	-82.29	2.04	-1.11	67.491
1404	-82.57	2.01	-0.83	67.498
8203	-82.59	2.13	-0.88	67.498

8201	-83.06	2.14	-0.77	67.510
1403	-83.37	2.11	-0.59	67.518
8200	-83.4	2.24	-0.89	67.519
8199	-83.65	2.24	-1.40	67.525
8202	-83.83	2.13	-0.98	67.529
8198	-83.88	2.30	-1.06	67.531
1402	-84.14	2.27	-0.73	67.537
5629	-84.26	2.32	-1.60	67.540
8197	-84.34	2.33	-0.97	67.542
8196	-84.59	2.26	-1.20	67.546
8195	-84.84	2.27	-1.01	67.551
1401	-85.1	2.25	-0.88	67.556
8194	-85.29	2.20	-1.13	67.559
8193	-85.54	2.26	-1.16	67.564
8192	-85.78	2.24	-1.23	67.569
1400	-86.07	2.22	-0.87	67.574
8191	-86.28	2.28	-0.99	67.578
8190	-86.54	2.31	-1.02	67.583
1399	-86.78	2.26	-0.72	67.587
8189	-87.24	2.20	-0.87	67.596
8188	-87.49	2.22	-1.65	67.601
8187	-87.74	2.22	-0.93	67.606
1398	-87.99	2.19	-1.04	67.610
8186	-88.39	2.23	-0.73	67.618
8185	-88.63	2.20	-0.88	67.622
8184	-88.89	2.26	-0.74	67.627
1397	-89.14	2.23	-0.69	67.632
8182	-89.6	2.27	-0.93	67.641
8181	-89.84	2.26	-0.70	67.645
1396	-90.08	2.20	-0.86	67.650
8180	-90.34	2.38	-1.07	67.655
8179	-90.58	2.28	-0.94	67.659
8178	-90.83	2.25	-1.05	67.664
8177	-91.06	2.30	-0.93	67.668
1395	-91.07	2.25	-0.62	67.668
8176	-91.31	2.28	-0.98	67.673
8175	-91.56	2.28	-0.91	67.678
1394	-91.86	2.35	-0.82	67.683
8174	-92.02	2.31	-0.95	67.686
8173	-92.27	2.44	-0.81	67.691
8172	-92.52	2.38	-1.10	67.696
1393	-92.79	2.31	-0.75	67.701
8171	-92.92	2.23	-1.12	67.703
8170	-93.17	2.23	-0.89	67.708
8169	-93.42	2.33	-0.74	67.713
1392	-93.65	2.34	-1.01	67.717
8168	-93.84	2.27	-1.06	67.720
8167	-94.09	2.35	-0.80	67.725

4022	-94.15	2.29	-0.94	67.726
1391	-94.32	2.29	-1.03	67.730
8166	-94.74	2.28	-0.95	67.737
8165	-94.99	2.20	-0.89	67.742
5626	-95.1	2.17	-1.14	67.744
8164	-95.24	2.20	-0.86	67.747
1390	-95.53	2.14	-1.02	67.752
8163	-95.68	2.31	-0.78	67.755
8162	-95.94	2.28	-1.00	67.760
8161	-96.19	2.32	-0.65	67.765
1389	-96.46	2.27	-0.88	67.770
8160	-96.59	2.28	-1.04	67.772
8159	-96.84	2.28	-1.07	67.777
8158	-97.09	2.30	-1.20	67.782
1388	-97.32	2.22	-1.16	67.786
8157	-97.69	2.26	-1.13	67.793
8156	-97.94	2.30	-0.94	67.798
1387	-98.16	2.28	-0.99	67.802
8155	-99.05	2.34	-0.87	67.819
8154	-99.28	2.26	-1.02	67.823
1386	-99.43	2.40	-0.83	67.826
8153	-99.55	2.25	-1.18	67.828
8152	-99.83	2.30	-0.65	67.833
8151	-100.19	2.16	-1.07	67.840
1385	-100.32	2.26	-1.00	67.843
8150	-100.71	2.21	-0.99	67.850
8149	-100.96	2.33	-0.59	67.855
1384	-101.25	2.26	-1.03	67.860
8148	-101.49	2.26	-1.08	67.865
8147	-101.74	2.29	-1.40	67.869
8146	-101.99	2.29	-0.96	67.874
5270	-102.12	2.29	-1.02	67.876
1383	-102.15	2.34	-1.08	67.877
5269	-102.17	2.27	-1.06	67.877
5268	-102.22	2.27	-1.11	67.878
5267	-102.27	2.23	-1.16	67.879
8145	-102.34	2.30	-1.15	67.881
5266	-102.37	2.24	-1.06	67.881
5265	-102.41	2.26	-1.20	67.882
5264	-102.46	2.25	-0.98	67.883
8144	-102.5	2.30	-0.95	67.884
5263	-102.51	2.22	-0.88	67.884
5262	-102.6	2.30	-0.91	67.886
5261	-102.65	2.27	-1.03	67.886
5260	-102.7	2.23	-0.68	67.887
5259	-102.75	2.31	-0.96	67.888
5258	-102.81	2.27	-0.98	67.889
5257	-102.84	2.27	-1.19	67.890

5622	-102.86	2.30	-1.18	67.890
5255	-102.91	2.24	-1.08	67.891
5254	-102.95	2.20	-0.68	67.892
1382	-103.02	2.30	-0.94	67.893
5252	-103.07	2.20	-0.87	67.894
5251	-103.11	2.26	-1.21	67.895
5250	-103.16	2.37	-0.75	67.896
8143	-103.2	2.33	-1.15	67.897
5249	-103.26	2.23	-0.92	67.898
5248	-103.28	2.30	-0.71	67.898
5246	-103.35	2.20	-0.65	67.900
5245	-103.36	2.24	-0.97	67.900
5244	-103.41	2.29	-0.93	67.901
8142	-103.45	2.34	-1.13	67.902
5243	-103.51	2.14	-0.96	67.903
5242	-103.53	2.20	-0.94	67.903
5241	-103.55	2.14	-0.72	67.903
5240	-103.57	2.28	-1.05	67.904
5239	-103.59	2.28	-0.93	67.904
5238	-103.62	2.19	-0.95	67.905
5237	-103.65	2.34	-1.12	67.905
5236	-103.67	2.23	-1.19	67.906
5235	-103.72	2.29	-1.24	67.907
8141	-103.76	2.33	-1.17	67.907
5234	-103.82	2.26	-0.91	67.909
5233	-103.87	2.32	-0.96	67.909
5232	-103.92	2.30	-0.96	67.910
5231	-103.97	2.32	-1.04	67.911
1381	-104	2.26	-0.81	67.912
4021	-104.08	2.11	-1.02	67.913
5230	-104.08	2.32	-1.10	67.913
5229	-104.12	2.37	-0.93	67.914
8140	-104.16	2.31	-0.92	67.915
5227	-104.27	2.28	-1.04	67.917
5226	-104.31	2.37	-0.93	67.918
5225	-104.38	2.32	-0.68	67.919
8139	-104.43	2.23	-1.19	67.920
5224	-104.47	2.32	-1.17	67.921
5205	-104.49	2.27	-0.91	67.921
5223	-104.52	2.35	-1.03	67.922
5222	-104.57	2.25	-1.10	67.923
5204	-104.59	2.28	-0.78	67.923
5221	-104.62	2.29	-1.15	67.924
5203	-104.64	2.22	-0.85	67.924
8138	-104.66	2.26	-1.10	67.924
5202	-104.69	2.13	-0.90	67.925
5220	-104.72	2.27	-1.04	67.925
5201	-104.74	2.21	-0.84	67.926

5219	-104.77	2.23	-1.11	67.926
5200	-104.79	2.29	-0.89	67.927
5218	-104.82	2.32	-0.97	67.927
1380	-104.91	2.36	-0.90	67.929
5216	-104.98	2.27	-1.00	67.930
8137	-105.03	2.35	-1.62	67.931
5211	-105.16	2.24	-0.87	67.934
5215	-105.18	2.22	-0.94	67.934
5210	-105.24	2.16	-0.85	67.935
8136	-105.27	2.27	-0.81	67.936
5209	-105.3	2.33	-1.42	67.936
5208	-105.34	2.31	-0.92	67.937
5207	-105.39	2.41	-0.96	67.938
5206	-105.44	2.33	-0.81	67.939
8135	-105.53	2.30	-0.77	67.941
1379	-105.81	2.13	-0.84	67.946
8134	-106.03	2.33	-1.19	67.950
8133	-106.28	2.39	-1.14	67.955
5620	-106.37	2.47	-0.67	67.957
8132	-106.54	2.28	-0.96	67.960
1378	-106.79	2.24	-1.01	67.964
8131	-106.92	2.20	-1.01	67.967
5228	-107.22	2.24	-0.84	67.973
8029	-107.4	2.25	-1.97	67.976
1377	-107.6	2.31	-0.86	67.980
8028	-107.89	2.32	-1.09	67.985
8027	-108.14	2.27	-1.40	67.990
8026	-108.4	2.31	-1.10	67.995
1376	-108.65	2.54	-0.75	67.999
8025	-108.86	2.48	-0.92	68.003
8024	-109.12	2.35	-1.08	68.008
8023	-109.37	2.26	-1.18	68.013
1375	-109.62	2.10	-0.78	68.018
8022	-110.11	2.27	-0.95	68.027
8021	-110.36	2.27	-0.92	68.032
1374	-110.58	2.18	-1.29	68.036
8020	-110.94	2.32	-1.52	68.043
8019	-111.16	2.30	-1.26	68.047
8018	-111.41	2.20	-1.03	68.051
1373	-111.64	2.28	-0.91	68.056
8017	-111.85	2.27	-1.06	68.060
8016	-112.05	2.29	-1.19	68.064
8015	-112.3	2.29	-1.15	68.068
1372	-112.54	2.15	-1.04	68.073
8014	-112.87	2.25	-1.08	68.079
8013	-113.12	2.26	-1.11	68.083
1371	-113.37	2.23	-1.15	68.087
8012	-114.09	2.54	-0.84	68.097

4020	-114.3	2.19	-0.82	68.100
8011	-114.32	2.38	-1.04	68.101
8010	-114.58	2.32	-1.14	68.105
1370	-114.81	2.25	-1.14	68.108
8009	-115.12	2.43	-0.73	68.113
8008	-115.37	2.48	-0.89	68.117
1369	-115.66	2.44	-1.16	68.121
8007	-115.8	2.39	-1.18	68.123
8006	-116.05	2.46	-0.76	68.127
8005	-116.3	2.53	-0.87	68.131
1368	-116.6	2.35	-0.93	68.135
8004	-116.77	2.52	-1.48	68.138
8003	-117.02	2.44	-1.04	68.141
8002	-117.28	2.56	-0.63	68.145
1367	-117.54	2.30	-0.78	68.149
8001	-117.65	2.35	-1.07	68.151
8000	-118.03	2.26	-1.09	68.157
7999	-118.28	2.39	-0.75	68.160
1366	-118.55	2.43	-0.98	68.164
7998	-118.64	2.46	-0.88	68.166
7997	-118.89	2.40	-0.81	68.170
7996	-119.16	2.37	-1.50	68.174
1365	-119.41	2.34	-0.95	68.177
7995	-119.54	2.40	-0.99	68.179
7994	-119.78	2.40	-0.95	68.183
7993	-120.02	2.46	-1.11	68.186
1364	-120.35	2.39	-0.98	68.191
7992	-120.46	2.32	-1.13	68.193
7991	-120.71	2.35	-0.47	68.197
7990	-120.96	2.42	-0.91	68.201
1363	-121.25	2.36	-1.03	68.205
7989	-121.55	2.41	-1.04	68.209
7989	-121.55	2.43	-1.00	68.209
7988	-121.8	2.39	-0.79	68.213
7987	-122.05	2.41	-0.75	68.217
1362	-122.28	2.43	-1.07	68.220
7986	-122.64	2.42	-0.72	68.226
7985	-122.89	2.33	-0.94	68.230
1361	-123.1	2.27	-1.18	68.233
7984	-123.36	2.40	-0.87	68.237
7983	-123.61	2.31	-0.90	68.240
1360	-123.82	2.33	-1.13	68.244
7982	-124.29	2.37	-0.69	68.251
4019	-124.5	2.31	-1.11	68.254
7981	-124.53	2.38	-0.87	68.254
7980	-124.78	2.42	-0.82	68.258
1359	-125.01	2.25	-0.91	68.262
7979	-125.28	2.35	-0.94	68.266

7978	-125.53	2.27	-0.56	68.269
1358	-125.85	2.18	-0.90	68.274
7977	-126.17	2.37	-1.19	68.279
7976	-126.42	2.43	-0.81	68.283
7975	-126.67	2.41	-0.73	68.286
1357	-126.9	2.28	-1.17	68.290
7974	-127.13	2.42	-0.72	68.293
7973	-127.38	2.34	-0.78	68.297
7972	-127.63	2.46	-0.78	68.301
1356	-127.85	2.38	-0.73	68.304
7971	-128.15	2.50	-0.86	68.309
7970	-128.38	2.43	-1.50	68.312
7969	-128.64	2.47	-0.85	68.316
1355	-128.84	2.34	-0.84	68.319
7968	-129.12	2.41	-0.89	68.323
7967	-129.35	2.42	-1.04	68.327
7966	-129.6	2.45	-0.92	68.331
1354	-129.91	2.44	-0.76	68.335
7965	-129.95	2.45	-0.94	68.336
7964	-130.2	2.45	-1.12	68.340
7963	-130.45	2.47	-1.09	68.343
1353	-130.73	2.42	-1.00	68.348
7962	-130.96	2.54	-0.98	68.351
7961	-131.21	2.53	-0.93	68.355
7960	-131.46	2.50	-0.86	68.358
1352	-131.71	2.38	-1.10	68.362
7959	-132	2.45	-0.98	68.367
7958	-132.29	2.44	-0.87	68.371
7957	-132.45	2.25	-1.17	68.373
1351	-132.53	2.38	-0.92	68.375
7956	-132.82	2.46	-0.95	68.379
7955	-133.08	2.48	-0.97	68.383
1350	-133.3	2.43	-0.68	68.386
5618	-133.49	2.39	-0.46	68.389
7954	-133.56	2.47	-1.29	68.390
7953	-133.68	2.41	-0.98	68.392
7952	-133.93	2.31	-0.97	68.396
4018	-134	2.42	-0.94	68.397
1349	-134.2	2.36	-0.98	68.400
7951	-134.34	2.31	-1.08	68.402
7950	-134.62	2.36	-1.38	68.406
7949	-134.88	2.50	-1.00	68.410
1348	-135.13	2.47	-0.92	68.414
7948	-135.38	2.41	-1.24	68.417
7947	-135.63	2.48	-1.12	68.421
1347	-135.86	2.44	-1.00	68.425
7946	-136.27	2.40	-1.34	68.431
7945	-136.54	2.29	-1.03	68.435

7944	-136.76	2.34	-0.78	68.438
1346	-137.14	2.29	-0.80	68.444
7943	-137.18	2.30	-0.67	68.444
7942	-137.47	2.46	-0.93	68.449
7941	-137.68	2.48	-0.71	68.452
1345	-138.08	2.44	-1.16	68.458
7940	-138.16	2.54	-1.02	68.459
7939	-138.52	2.38	-1.59	68.465
1344	-138.79	2.46	-0.83	68.469
7938	-138.85	2.42	-1.88	68.470
7937	-139.09	2.48	-1.08	68.473
7936	-139.36	2.33	-1.11	68.477
1343	-139.74	2.46	-1.06	68.483
7935	-139.99	2.40	-0.90	68.487
7934	-140.24	2.48	-0.88	68.490
7933	-140.49	2.51	-1.24	68.494
1342	-140.64	2.52	-1.04	68.497
7932	-140.82	2.40	-1.22	68.499
7931	-141.07	2.34	-1.15	68.503
7930	-141.32	2.41	-1.09	68.507
1341	-141.52	2.40	-1.28	68.510
7929	-141.77	2.41	-1.16	68.513
7928	-142.11	2.39	-1.24	68.519
7927	-142.36	2.43	-1.15	68.522
1340	-142.59	2.37	-0.78	68.526
7926	-142.83	2.38	-1.21	68.529
7925	-143.08	2.46	-1.04	68.533
7924	-143.33	2.36	-1.07	68.537
1339	-143.39	2.51	-0.84	68.538
7923	-143.46	2.37	-1.11	68.539
7922	-143.71	2.40	-1.21	68.543
4017	-143.95	2.40	-0.99	68.546
7921	-143.96	2.37	-1.08	68.546
1338	-144.32	2.43	-1.24	68.552
7920	-144.52	2.39	-1.23	68.555
7919	-144.77	2.42	-1.04	68.559
7918	-145.02	2.44	-1.20	68.562
1337	-145.25	2.46	-1.27	68.566
7917	-145.5	2.35	-1.30	68.570
7916	-145.73	2.41	-1.05	68.573
7915	-145.98	2.44	-1.04	68.577
1336	-146.22	2.38	-1.34	68.580
7914	-146.38	2.42	-1.21	68.583
7913	-146.63	2.48	-1.19	68.587
7912	-146.88	2.40	-1.22	68.590
1335	-147.2	2.38	-1.04	68.595
7911	-147.34	2.41	-1.24	68.597
7910	-147.59	2.42	-1.22	68.601

7909	-147.84	2.42	-1.00	68.605
7908	-148.38	2.42	-1.22	68.613
7907	-148.63	2.33	-1.23	68.617
1334	-148.73	2.49	-1.04	68.618
7906	-148.88	2.45	-1.07	68.620
1333	-149.08	2.43	-1.24	68.623
7905	-149.18	2.37	-1.30	68.625
7904	-149.43	2.42	-1.21	68.629
7903	-149.68	2.44	-1.31	68.632
1332	-149.94	2.33	-1.24	68.636
7902	-150.07	2.35	-1.16	68.638
7901	-150.32	2.39	-1.10	68.642
7900	-150.57	2.32	-1.89	68.646
1331	-150.85	2.39	-1.21	68.650
7899	-151.1	2.51	-1.23	68.654
7898	-151.35	2.46	-1.07	68.658
7897	-151.6	2.43	-1.32	68.661
1330	-151.89	2.32	-1.45	68.666
7896	-152.11	2.39	-1.33	68.669
7895	-152.36	2.40	-1.23	68.673
7894	-152.61	2.41	-1.27	68.676
1329	-152.83	2.46	-0.99	68.680
7893	-152.95	2.47	-1.04	68.682
7892	-153.2	2.35	-1.27	68.685
7891	-153.45	2.58	-1.38	68.689
1328	-153.68	2.51	-1.29	68.693
7890	-153.82	2.62	-1.30	68.695
7889	-154.1	2.59	-1.15	68.699
7888	-154.37	2.59	-1.22	68.703
1327	-154.55	2.59	-1.37	68.706
4016	-154.6	2.50	-1.06	68.706
7887	-155.08	2.55	-1.25	68.714
7886	-155.33	2.51	-1.20	68.717
7885	-155.58	2.58	-0.99	68.721
1326	-155.6	2.49	-0.94	68.721
7780	-155.82	2.47	-1.34	68.725
7884	-155.93	2.48	-1.15	68.726
7883	-156.18	2.59	-1.15	68.730
1325	-156.4	2.54	-0.95	68.733
7882	-156.42	2.58	-0.75	68.734
7881	-156.79	2.48	-1.07	68.739
7880	-157.04	2.43	-0.89	68.743
7879	-157.29	2.46	-1.30	68.747
1324	-157.37	2.59	-1.07	68.748
7878	-157.87	2.47	-1.42	68.756
5617	-157.95	2.44	-0.85	68.757
7777	-158.1	2.44	-1.37	68.759
7877	-158.12	2.60	-1.22	68.759

1323	-158.35	2.41	-1.19	68.763
7876	-158.37	2.49	-1.64	68.763
7775	-158.42	2.48	-1.38	68.764
7776	-158.69	2.51	-1.60	68.768
7778	-159.24	2.54	-1.26	68.776
1322	-159.32	2.44	-0.79	68.777
7779	-159.55	2.42	-1.16	68.781
7875	-160.07	2.34	-1.26	68.789
1321	-160.26	2.44	-1.12	68.791
7874	-160.39	2.37	-1.26	68.793
7873	-160.64	2.41	-1.27	68.797
7872	-160.89	2.27	-1.24	68.801
1320	-161.03	2.36	-0.99	68.803
7871	-161.25	2.34	-1.01	68.806
7870	-161.5	2.37	-1.64	68.810
7869	-161.75	2.40	-1.11	68.814
1319	-161.92	2.40	-0.97	68.816
7868	-162.22	2.56	-1.00	68.821
7867	-162.47	2.43	-1.06	68.825
7866	-162.72	2.54	-1.12	68.828
1318	-162.95	2.37	-1.13	68.832
7865	-163.19	2.34	-1.18	68.836
7864	-163.44	2.38	-1.11	68.839
7863	-163.69	2.39	-1.29	68.843
4015	-164	2.51	-1.21	68.848
7861	-164.33	2.51	-1.25	68.853
7860	-164.58	2.50	-1.18	68.856
1316	-164.8	2.41	-1.18	68.860
7859	-165.14	2.42	-1.05	68.865
7858	-165.39	2.42	-1.15	68.869
7857	-165.63	2.43	-1.13	68.872
1315	-165.84	2.48	-1.22	68.875
7856	-166.01	2.53	-1.10	68.878
7855	-166.26	2.49	-1.11	68.882
7854	-166.51	2.46	-1.07	68.885
1314	-166.78	2.43	-1.30	68.889
7853	-166.97	2.42	-1.13	68.892
7852	-167.21	2.37	-1.31	68.896
7851	-167.45	2.45	-1.06	68.900
1313	-167.69	2.25	-1.10	68.903
7850	-167.84	2.41	-1.22	68.905
7849	-168.09	2.40	-1.14	68.909
7848	-168.34	2.40	-1.17	68.913
1312	-168.57	2.31	-0.57	68.916
7847	-168.81	2.18	-1.27	68.920
7846	-169.06	2.25	-1.09	68.924
7845	-169.31	2.27	-0.86	68.928
1311	-169.51	2.23	-0.40	68.931

7844	-169.69	2.33	-0.62	68.933
7843	-169.94	2.27	-1.35	68.937
7842	-170.18	2.35	-1.27	68.941
1310	-170.5	2.49	-1.16	68.945
7841	-170.6	2.44	-1.28	68.947
7840	-170.85	2.40	-1.28	68.951
7839	-171.09	2.50	-1.36	68.954
1309	-171.44	2.53	-0.98	68.960
7838	-171.49	2.66	-1.14	68.960
7837	-171.74	2.71	-1.11	68.964
7836	-172	2.63	-1.01	68.968
1308	-172.25	2.60	-1.15	68.972
7835	-172.42	2.52	-1.17	68.974
7834	-172.68	2.51	-1.03	68.978
7833	-172.92	2.55	-0.97	68.982
1307	-173.29	2.47	-1.04	68.987
7832	-173.48	2.46	-0.93	68.990
7831	-173.71	2.52	-1.06	68.994
7830	-173.94	2.58	-1.31	68.997
4014	-174.15	2.51	-1.23	69.000
1306	-174.24	2.58	-1.04	69.002
7829	-174.44	2.59	-1.20	69.005
5616	-174.63	2.49	-0.64	69.008
7828	-174.69	2.51	-1.22	69.008
7827	-174.93	2.52	-0.98	69.012
1305	-175.22	2.40	-0.93	69.016
7826	-175.33	2.54	-1.33	69.018
7825	-175.56	2.53	-1.18	69.022
7824	-175.81	2.37	-1.20	69.025
1304	-175.99	2.44	-1.23	69.028
7823	-176.26	2.36	-1.30	69.032
7822	-176.51	2.37	-0.99	69.036
7821	-176.76	2.45	-1.26	69.040
1303	-176.94	2.43	-1.20	69.042
7820	-177.03	2.45	-1.27	69.044
7819	-177.28	2.52	-1.21	69.047
7818	-177.53	2.41	-1.14	69.051
1302	-177.77	2.52	-1.39	69.055
7817	-178.08	2.42	-1.07	69.059
7816	-178.33	2.41	-1.07	69.063
7815	-178.58	2.50	-1.02	69.067
1301	-178.87	2.67	-1.23	69.071
7814	-178.98	2.49	-1.13	69.073
7813	-179.23	2.54	-1.00	69.077
7812	-179.48	2.47	-1.13	69.080
1300	-179.79	2.48	-1.22	69.085
7811	-179.88	2.44	-1.24	69.086
7810	-180.15	2.62	-1.10	69.091

7809	-180.4	2.61	-1.17	69.094
1299	-180.7	2.51	-1.39	69.099
7808	-180.85	2.59	-1.06	69.101
7807	-181.11	2.56	-1.54	69.105
7806	-181.35	2.51	-1.62	69.109
1298	-181.68	2.38	-1.18	69.114
7805	-181.78	2.42	-1.39	69.115
7804	-182.02	2.45	-1.58	69.119
7803	-182.33	2.41	-1.45	69.123
1297	-182.58	2.47	-1.13	69.127
7802	-182.77	2.47	-1.47	69.130
7801	-183.01	2.52	-1.48	69.134
7800	-183.26	2.51	-1.49	69.137
7799	-183.37	2.44	-1.12	69.139
1296	-183.51	2.51	-1.22	69.141
7798	-183.61	2.46	-1.26	69.143
7797	-183.77	2.40	-1.52	69.145
1295	-184.1	2.54	-1.62	69.150
4013	-184.15	2.59	-1.53	69.151
7796	-184.47	2.48	-0.92	69.155
7795	-184.7	2.49	-1.32	69.159
1294	-185.1	2.57	-1.16	69.165
7794	-185.22	2.53	-0.96	69.167
7793	-185.48	2.48	-1.28	69.171
1293	-185.85	2.56	-1.25	69.176
7792	-185.97	2.57	-1.18	69.178
7791	-186.23	2.55	-1.04	69.182
7790	-186.5	2.59	-1.24	69.186
1292	-186.88	2.54	-1.38	69.192
7788	-187.28	2.47	-1.47	69.198
7787	-187.53	2.53	-1.33	69.201
1291	-187.85	2.46	-1.34	69.206
1290	-188.01	2.51	-1.25	69.209
7764	-188.14	2.50	-1.11	69.211
7765	-188.4	2.58	-1.71	69.215
7766	-188.65	2.50	-1.17	69.218
7767	-189.05	2.51	-1.45	69.224
7770	-189.12	2.52	-1.46	69.225
7768	-189.33	2.46	-1.07	69.229
1289	-189.59	2.60	-1.08	69.232
7769	-189.87	2.45	-0.99	69.237
7771	-190.37	2.57	-1.57	69.244
7772	-190.62	2.58	-1.00	69.248
1288	-190.68	2.58	-1.08	69.249
7773	-190.97	2.51	-1.35	69.253
7774	-191.18	2.58	-1.06	69.256
1287	-191.24	2.45	-1.03	69.257
7762	-191.58	2.54	-0.89	69.262

7761	-191.87	2.54	-1.40	69.267
1286	-192.22	2.55	-1.29	69.272
7758	-192.27	2.46	-1.36	69.273
7760	-192.28	2.47	-1.48	69.273
7763	-192.35	2.54	-0.92	69.274
7759	-192.53	2.51	-1.15	69.277
1285	-193	2.44	-0.59	69.284
7757	-193.21	2.54	-1.49	69.287
7756	-193.46	2.49	-1.35	69.291
7755	-193.72	2.42	-1.42	69.295
1284	-194.04	2.55	-0.94	69.299
7754	-194.12	2.43	-1.46	69.301
7753	-194.38	2.42	-1.14	69.304
4012	-194.4	2.43	-1.37	69.305
7752	-194.63	2.47	-1.32	69.308
1283	-194.84	2.55	-1.06	69.311
7750	-195.2	2.50	-1.59	69.317
7749	-195.47	2.47	-1.17	69.321
7748	-195.72	2.50	-1.10	69.325
1282	-196	2.52	-1.35	69.329
7747	-196.17	2.43	-1.08	69.331
7746	-196.44	2.47	-1.22	69.335
7745	-196.68	2.33	-1.43	69.339
1281	-196.93	2.49	-1.06	69.343
7786	-197.09	2.43	-1.41	69.345
7785	-197.35	2.37	-1.37	69.349
7784	-197.62	2.42	-1.17	69.353
1280	-197.87	2.43	-0.98	69.357
7783	-198.03	2.60	-1.01	69.359
7782	-198.26	2.49	-1.54	69.363
7781	-198.54	2.50	-1.33	69.367
1279	-198.78	2.50	-1.02	69.371
7744	-198.99	2.45	-0.80	69.374
7743	-199.21	2.43	-0.83	69.377
7742	-199.48	2.43	-0.93	69.381
1278	-199.73	2.55	-1.02	69.385
7741	-200	2.45	-0.69	69.389
7740	-200.25	2.55	-0.73	69.393
7739	-200.5	2.44	-0.72	69.396
1277	-200.75	2.52	-1.07	69.400
7738	-200.87	2.48	-1.10	69.402
7737	-201.13	2.44	-0.95	69.406
7736	-201.39	2.51	-0.77	69.410
1276	-201.66	2.57	-0.75	69.414
7735	-201.8	2.56	-0.66	69.416
7734	-202.04	2.47	-1.02	69.421
7733	-202.29	2.43	-0.95	69.426
1275	-202.59	2.36	-1.00	69.432

7732	-202.78	2.47	-0.94	69.436
7730	-203.3	2.38	-1.07	69.446
7731	-203.5	2.34	-0.70	69.450
1274	-203.55	2.30	-0.77	69.451
7729	-203.66	2.38	-1.17	69.453
7728	-203.89	2.48	-1.14	69.458
4011	-203.95	2.36	-1.15	69.459
7727	-204.14	2.33	-1.23	69.463
1273	-204.41	2.43	-0.94	69.468
7726	-204.65	2.42	-1.13	69.473
7725	-204.91	2.38	-1.31	69.478
7724	-205.15	2.35	-1.41	69.483
1272	-205.38	2.29	-1.03	69.488
7723	-205.64	2.20	-1.28	69.493
7722	-205.88	2.25	-1.14	69.498
7721	-206.13	2.35	-1.14	69.503
7720	-206.32	2.24	-1.11	69.507
1271	-206.38	2.49	-0.97	69.508
7719	-206.55	2.29	-1.50	69.511
1270	-206.81	2.26	-0.98	69.516
7718	-207.05	2.21	-1.37	69.521
7717	-207.31	2.16	-1.38	69.526
7716	-207.56	2.22	-1.38	69.531
1269	-207.81	2.37	-0.93	69.536
7715	-208.12	2.21	-1.38	69.543
7714	-208.37	2.20	-1.49	69.548
7713	-208.61	2.24	-1.65	69.552
1268	-208.86	2.32	-1.01	69.558
7712	-209.04	2.20	-1.07	69.561
7711	-209.28	2.26	-1.08	69.566
7710	-209.54	2.32	-1.37	69.571
1267	-209.78	2.39	-0.86	69.576
7709	-210.01	2.24	-0.93	69.581
7708	-210.27	2.31	-1.13	69.586
7707	-210.52	2.17	-1.53	69.591
1266	-210.77	2.34	-0.94	69.596
7706	-211.03	2.23	-1.20	69.601
7705	-211.28	2.31	-1.24	69.606
7704	-211.54	2.25	-1.11	69.611
1265	-211.76	2.31	-1.09	69.616
7703	-211.97	2.34	-1.01	69.620
7702	-212.22	2.26	-0.99	69.625
7701	-212.47	2.17	-0.95	69.630
7699	-212.57	2.21	-0.95	69.632
1264	-212.71	2.20	-0.90	69.635
7700	-212.9	2.28	-0.87	69.638
7698	-213.49	2.29	-1.22	69.650
1263	-213.69	2.31	-0.97	69.654

7697	-213.81	2.28	-1.06	69.657
7696	-214.03	2.21	-1.12	69.661
4010	-214.1	2.42	-1.23	69.663
7695	-214.28	2.18	-0.97	69.666
1262	-214.6	2.34	-0.76	69.673
7694	-214.86	2.26	-0.90	69.678
7693	-215.12	2.25	-1.14	69.683
7692	-215.38	2.28	-1.22	69.688
1261	-215.62	2.35	-0.89	69.693
7691	-215.68	2.29	-0.89	69.694
7690	-215.93	2.16	-0.93	69.699
7689	-216.17	2.24	-0.89	69.704
1260	-216.5	2.25	-0.87	69.711
7688	-216.76	2.10	-0.99	69.716
7687	-217	2.19	-1.03	69.721
7686	-217.25	2.17	-1.02	69.726
1259	-217.5	2.38	-0.86	69.731
7685	-217.52	2.11	-1.06	69.731
7684	-217.79	2.14	-0.75	69.736
7683	-218.04	2.10	-0.93	69.742
1258	-218.3	2.16	-0.82	69.747
7682	-218.5	2.19	-0.97	69.751
7681	-218.74	2.14	-0.88	69.756
7680	-218.99	2.17	-0.75	69.761
1257	-219.29	2.27	-0.98	69.767
7679	-219.44	2.20	-0.90	69.770
7678	-219.7	2.19	-0.89	69.775
1256	-220.1	2.20	-0.87	69.783
7677	-220.11	2.16	-0.89	69.783
7676	-220.37	2.12	-1.05	69.788
7675	-220.62	2.20	-0.85	69.793
1255	-220.87	2.30	-0.85	69.798
7674	-221.11	2.08	-1.10	69.803
7673	-221.36	2.06	-0.83	69.808
7672	-221.61	2.13	-0.92	69.813
1254	-221.87	2.23	-0.69	69.818
7671	-222.07	2.23	-0.81	69.822
7670	-222.33	2.13	-1.05	69.827
7669	-222.57	2.16	-1.03	69.832
1253	-222.82	2.21	-0.64	69.837
7668	-223	2.14	-0.91	69.841
7667	-223.28	2.20	-0.76	69.847
7666	-223.51	2.19	-0.73	69.851
1252	-223.76	2.37	-0.84	69.856
7665	-223.92	2.27	-0.75	69.859
7664	-224.17	2.23	-0.73	69.864
7663	-224.42	2.23	-0.64	69.869
1251	-224.68	2.28	-0.77	69.875

4008	-224.7	2.09	-0.93	69.875
7662	-224.83	2.24	-0.32	69.878
7661	-225.08	2.24	-0.94	69.883
7660	-225.27	2.22	-0.52	69.886
1250	-225.58	2.34	-1.06	69.893
7659	-225.75	2.21	-1.03	69.896
7658	-226.01	2.25	-0.53	69.901
7657	-226.26	2.27	-0.84	69.906
1249	-226.53	2.13	-1.03	69.912
7656	-226.77	2.26	-0.59	69.916
7655	-227.02	2.19	-0.80	69.921
7654	-227.28	2.08	-1.12	69.927
1248	-227.52	2.05	-1.24	69.932
7653	-227.62	2.22	-1.12	69.934
7652	-227.87	2.20	-1.16	69.939
7651	-228.12	2.23	-1.17	69.944
1247	-228.46	2.27	-0.90	69.950
7650	-228.59	2.30	-1.08	69.953
7649	-228.84	2.25	-0.90	69.958
7648	-229.09	2.24	-0.86	69.963
1246	-229.33	2.43	-1.09	69.968
7647	-229.52	2.23	-0.92	69.972
7646	-229.77	2.26	-0.76	69.977
7645	-230.02	2.21	-1.42	69.982
1245	-230.27	2.15	-1.26	69.987
7644	-230.46	2.28	-0.98	69.990
7643	-230.71	2.24	-1.06	69.995
7642	-230.96	2.31	-1.04	70.000
1244	-231.26	2.29	-0.86	70.006
7641	-231.44	2.33	-0.29	70.010
7640	-231.7	2.29	-1.39	70.015
7639	-231.95	2.22	-1.11	70.020
1243	-232.18	2.07	-1.10	70.025
7638	-232.44	2.32	-0.82	70.030
7637	-232.68	2.27	-0.91	70.035
7636	-232.92	2.29	-0.97	70.040
1242	-233.15	2.26	-1.18	70.044
7635	-233.21	2.36	-1.06	70.046
7634	-233.47	2.33	-0.81	70.051
7633	-233.72	2.33	-1.04	70.056
1241	-233.95	2.29	-0.94	70.060
7632	-234.15	2.27	-1.29	70.064
7631	-234.4	2.20	-1.07	70.069
7630	-234.66	2.29	-1.20	70.075
1240	-234.89	2.14	-1.00	70.079
7629	-235.17	2.12	-0.97	70.085
7628	-235.41	2.21	-0.92	70.090
7627	-235.66	2.21	-0.74	70.095

1239	-235.91	2.17	-0.95	70.100
7626	-236.06	2.21	-0.93	70.103
7625	-236.31	2.26	-0.81	70.108
7624	-236.56	2.17	-0.88	70.113
1238	-236.8	2.18	-1.15	70.118
7623	-237	2.16	-0.82	70.122
7622	-237.25	2.24	-0.90	70.127
7621	-237.51	2.22	-0.88	70.132
1237	-237.74	2.08	-1.39	70.136
7620	-237.88	2.24	-0.88	70.139
7619	-238.13	2.22	-1.01	70.144
7618	-238.37	2.21	-1.01	70.149
1236	-238.71	2.18	-1.01	70.156
7617	-238.91	2.22	-0.93	70.160
7616	-239.16	2.26	-0.77	70.165
7615	-239.41	2.29	-0.90	70.170
1235	-239.66	2.23	-0.93	70.175
7614	-239.87	2.25	-0.88	70.179
7613	-240.12	2.31	-0.80	70.184
1234	-240.43	2.10	-1.20	70.190
7612	-240.63	2.31	-0.87	70.194
7611	-240.88	2.31	-0.93	70.199
4009	-241.1	2.20	-1.14	70.204
7610	-241.13	2.22	-1.04	70.204
1233	-241.38	2.12	-0.99	70.209
7609	-241.55	2.36	-1.15	70.213
7608	-241.8	2.29	-0.68	70.218
7607	-242.05	2.22	-0.83	70.223
1232	-242.3	2.26	-1.46	70.228
7606	-242.43	2.27	-0.89	70.230
7605	-242.67	2.23	-0.94	70.235
7604	-242.92	2.17	-0.98	70.240
1231	-243.09	2.24	-1.20	70.244
7603	-243.32	2.28	-0.84	70.248
7602	-243.57	2.26	-0.93	70.253
7601	-243.82	2.20	-0.93	70.258
4005	-244.05	2.23	-0.66	70.263
1230	-244.14	2.05	-1.28	70.265
7600	-244.21	2.30	-0.77	70.266
7599	-244.47	2.10	-1.06	70.271
7598	-244.72	2.19	-0.95	70.276
1229	-244.95	2.17	-1.18	70.281
7597	-245.09	2.22	-1.03	70.284
7596	-245.34	2.22	-1.14	70.289
7595	-245.59	2.20	-1.00	70.294
1228	-245.84	2.23	-0.35	70.299
7594	-246.13	2.23	-0.98	70.305
7593	-246.38	2.18	-0.91	70.310

7592	-246.63	2.16	-1.14	70.315
1227	-246.86	2.11	-1.12	70.319
7591	-247.09	2.24	-0.96	70.324
7590	-247.33	2.14	-1.04	70.329
7589	-247.57	2.26	-1.09	70.333
1226	-247.84	2.29	-0.76	70.339
7588	-247.98	2.27	-0.93	70.342
7587	-248.23	2.27	-0.86	70.347
7586	-248.48	2.18	-0.91	70.352
1225	-248.73	2.24	-0.82	70.357
7585	-248.82	2.23	-0.97	70.358
7584	-249.07	2.12	-0.39	70.363
7583	-249.33	2.13	-1.23	70.369
1224	-249.63	2.12	-0.87	70.375
7582	-249.66	2.20	-0.93	70.375
7581	-249.91	2.12	-1.16	70.380
7580	-250.15	2.11	-0.92	70.385
7579	-250.4	2.07	-0.93	70.390
1223	-250.53	2.14	-0.83	70.393
7578	-250.67	2.14	-0.99	70.396
7577	-250.93	2.14	-0.83	70.401
7576	-251.18	2.02	-1.11	70.406
1222	-251.43	2.22	-0.57	70.411
7575	-251.55	2.03	-0.95	70.413
7574	-251.8	2.10	-1.29	70.418
7573	-252.05	2.05	-0.97	70.423
1221	-252.31	2.18	-0.66	70.428
7572	-252.53	2.14	-1.07	70.433
7571	-252.78	2.10	-1.69	70.438
7570	-253.04	2.11	-1.39	70.443
1220	-253.27	2.06	-1.03	70.448
7569	-253.51	2.12	-0.93	70.452
7568	-253.77	2.11	-0.09	70.458
7567	-254.03	2.15	-0.66	70.463
4006	-254.1	2.19	-1.05	70.464
1219	-254.27	2.19	-0.67	70.468
7566	-254.36	2.25	-1.32	70.469
7565	-254.62	2.24	-0.77	70.475
7564	-254.9	2.18	-1.09	70.480
1218	-255.2	2.09	-0.88	70.486
7563	-255.38	2.16	-1.13	70.490
7562	-255.64	2.21	-0.80	70.495
7561	-255.87	2.25	-0.74	70.500
1217	-256.13	2.14	-0.86	70.505
7560	-256.29	2.21	-0.71	70.508
7559	-256.56	2.14	-0.89	70.514
7558	-256.81	2.11	-0.81	70.519
1216	-257.12	2.03	-1.14	70.525

7557	-257.19	2.07	-0.84	70.526
7556	-257.46	2.22	-0.63	70.532
7555	-257.72	2.13	-0.65	70.537
1215	-258.05	2.12	-0.96	70.543
7554	-258.15	2.23	-0.55	70.545
7553	-258.41	2.18	-0.78	70.551
7552	-258.64	2.11	-0.89	70.555
1214	-258.91	2.09	-0.75	70.561
7551	-259.1	2.09	-1.72	70.564
7550	-259.34	2.07	-0.89	70.569
1213	-259.84	2.03	-1.01	70.579
7548	-260.08	2.11	-0.82	70.584
7547	-260.33	2.09	-0.89	70.589
7546	-260.58	2.04	-0.95	70.594
1212	-260.82	2.01	-0.78	70.599
7545	-261.03	2.12	-1.45	70.603
7544	-261.26	1.99	-0.82	70.608
7543	-261.51	2.04	-0.15	70.613
1211	-261.77	2.16	-0.83	70.618
7542	-261.9	2.16	-1.24	70.621
7541	-262.17	2.06	-0.72	70.626
7540	-262.43	2.14	-0.80	70.631
1210	-262.74	2.03	-0.80	70.637
7539	-262.89	2.11	-0.93	70.640
7538	-263.13	2.17	-0.71	70.645
7537	-263.38	2.10	-0.81	70.650
1209	-263.63	2.01	-0.77	70.655
7536	-263.81	2.16	-0.62	70.659
4004	-263.93	2.03	-0.76	70.661
7535	-264.07	2.08	-0.73	70.664
7534	-264.32	2.10	-0.65	70.669
1208	-264.58	2.04	-0.74	70.674
7533	-264.77	2.04	-0.76	70.678
7532	-265.02	2.03	-0.87	70.683
7532	-265.02	2.06	-1.52	70.683
7531	-265.26	2.07	-0.84	70.688
1207	-265.49	2.11	-0.92	70.693
7530	-265.63	2.13	-0.93	70.695
1206	-265.87	2.03	-1.00	70.700
7529	-266.08	2.09	-0.54	70.704
7528	-266.49	1.96	-1.40	70.713
7527	-266.5	2.05	-0.59	70.713
7526	-266.78	2.00	-0.76	70.718
7525	-267.11	1.98	-0.96	70.725
1205	-267.31	2.01	-0.98	70.729
7524	-267.49	2.10	-0.75	70.733
7523	-267.75	1.96	-0.75	70.738
1204	-268.01	1.87	-0.93	70.743

7522	-268.32	1.93	-0.82	70.749
7521	-268.57	1.98	-0.67	70.754
7520	-268.85	1.94	-0.69	70.760
1203	-269.11	1.83	-1.01	70.765
7519	-269.13	2.06	-0.97	70.766
7518	-269.36	2.06	-0.78	70.770
7517	-269.6	1.97	-0.98	70.775
1202	-269.85	1.75	-1.08	70.780
7516	-270.09	1.92	-0.81	70.785
7515	-270.34	1.99	-1.06	70.790
7514	-270.59	1.99	-0.81	70.795
1201	-270.85	1.84	-1.09	70.800
7513	-271.06	1.93	-0.73	70.804
7512	-271.3	2.06	-0.77	70.809
7511	-271.55	1.97	-0.90	70.814
1200	-271.8	1.85	-0.88	70.819
7510	-272.01	2.01	-0.66	70.823
7509	-272.28	1.93	-1.63	70.829
7508	-272.53	1.88	-0.96	70.834
7507	-272.72	1.99	-1.30	70.837
1199	-272.79	1.74	-1.35	70.839
7506	-273.13	2.02	-1.30	70.846
7505	-273.38	1.98	-1.01	70.851
1198	-273.71	2.03	-0.94	70.857
7504	-273.82	1.93	-1.09	70.860
7503	-274.08	1.90	-1.13	70.865
7502	-274.33	1.90	-1.16	70.870
4003	-274.55	1.96	-0.74	70.874
1197	-274.62	2.05	-0.52	70.876
7501	-274.82	1.96	-0.87	70.880
7500	-275.07	1.85	-0.80	70.885
7499	-275.32	1.87	-0.73	70.890
1196	-275.54	1.91	-1.09	70.894
7498	-275.68	1.94	-0.65	70.897
7497	-275.94	1.98	-0.71	70.902
7496	-276.18	1.92	-0.66	70.907
1195	-276.46	1.83	-1.09	70.912
7495	-276.5	2.04	-0.75	70.913
7494	-276.76	2.04	-0.78	70.918
7493	-277.01	1.92	-0.86	70.923
1194	-277.34	1.87	-0.79	70.930
7492	-277.51	2.00	-0.92	70.933
7491	-277.77	1.92	-0.72	70.939
7490	-278.03	1.97	-0.83	70.944
1193	-278.33	2.10	-0.61	70.950
7489	-278.4	2.01	-0.41	70.951
7488	-278.64	1.95	-0.72	70.956
7487	-278.9	2.06	-0.43	70.961

1192	-279.19	1.97	-0.91	70.967
7486	-279.39	2.01	-0.76	70.971
7485	-279.66	1.94	-0.91	70.977
1191	-279.97	1.83	-0.98	70.983
7484	-280.3	2.04	-0.89	70.989
7483	-280.55	2.02	-0.76	70.994
7482	-280.81	1.95	-1.02	71.000
1190	-281.04	2.10	-0.50	71.004
7481	-281.22	1.97	-0.99	71.008
7480	-281.46	2.01	-0.90	71.013
7479	-281.72	2.03	-0.82	71.018
1189	-281.97	1.83	-0.95	71.023
7478	-282.22	1.96	-0.82	71.028
7477	-282.47	1.97	-0.80	71.033
7476	-282.72	1.99	-0.93	71.038
1188	-282.96	2.00	-0.83	71.043
7475	-283.19	1.97	-1.02	71.047
7474	-283.45	1.84	-1.15	71.053
7473	-283.69	1.84	-0.85	71.057
1187	-283.915	1.83	-0.81	71.062
7472	-284	1.90	-0.78	71.064
4002	-284.05	1.89	-0.97	71.065
7471	-284.31	2.01	-0.97	71.070
7470	-284.56	1.83	-0.76	71.075
1186	-284.81	1.89	-1.16	71.080
7469	-285.05	1.98	-0.84	71.085
7468	-285.32	1.96	-0.80	71.090
7467	-285.56	1.89	-0.85	71.095
1185	-285.825	1.82	-1.03	71.100
7466	-285.98	1.94	-0.85	71.103
7465	-286.24	1.78	-0.90	71.108
7464	-286.49	1.79	-0.85	71.113
1184	-286.8	1.85	-0.90	71.120
7463	-286.93	1.86	-0.76	71.122
7462	-287.2	1.91	-1.03	71.128
7461	-287.47	1.99	-1.02	71.133
1183	-287.77	1.91	-0.91	71.139
7460	-287.89	1.91	-0.99	71.142
7459	-288.13	1.91	-0.98	71.146
7458	-288.37	1.91	-0.21	71.151
1182	-288.64	1.97	-0.92	71.157
7457	-289.05	2.00	-0.91	71.165
7456	-289.3	1.98	-0.92	71.170
1181	-289.67	1.86	-1.08	71.177
7455	-289.82	1.99	-0.85	71.180
7454	-290.08	1.93	-1.00	71.185
7453	-290.33	1.93	-1.09	71.190
1180	-290.66	1.93	-1.08	71.197

7452	-290.74	1.95	-0.88	71.199
7451	-290.95	1.92	-1.15	71.203
7450	-291.13	1.94	-0.95	71.206
1179	-291.44	1.91	-1.21	71.213
7449	-291.46	1.98	-1.20	71.213
7448	-291.73	1.99	-1.29	71.218
7447	-291.97	1.94	-1.14	71.223
1178	-292.31	2.07	-1.19	71.230
7446	-292.57	1.84	-1.15	71.235
7445	-292.82	1.96	-1.27	71.240
1177	-293.26	1.93	-0.93	71.249
7444	-293.46	1.98	-1.29	71.253
1176	-294.13	2.13	-0.95	71.267
7443	-294.28	2.00	-0.88	71.270
7442	-294.52	1.96	-1.03	71.274
7441	-294.74	1.96	-0.85	71.279
4001	-294.91	2.03	-1.04	71.282
1175	-295.04	1.99	-0.93	71.285
7440	-295.15	2.03	-1.06	71.287
7439	-295.42	2.08	-1.01	71.292
7438	-295.66	2.06	-1.22	71.297
1174	-295.93	2.19	-1.08	71.303
7437	-296.14	1.99	-1.32	71.307
7436	-296.37	2.01	-0.98	71.311
7435	-296.57	2.04	-1.00	71.315
1173	-296.64	1.79	-1.59	71.317
7434	-296.98	1.92	-0.96	71.324
7433	-297.23	2.10	-1.06	71.329
7432	-297.49	2.11	-0.93	71.334
1172	-297.69	2.05	-0.95	71.338
7431	-297.97	2.05	-1.19	71.344
7430	-298.49	2.06	-1.19	71.354
1171	-298.66	1.78	-1.41	71.357
7429	-298.89	2.14	-0.93	71.362
7428	-299.16	2.13	-0.97	71.367
7427	-299.41	2.11	-1.01	71.372
1170	-299.63	2.00	-0.96	71.377
7426	-299.89	2.02	-0.85	71.382
7425	-300.15	2.00	-0.99	71.387
1169	-300.27	2.00	-1.19	71.390
7424	-300.69	2.00	-1.18	71.398
7423	-300.94	2.00	-1.07	71.403
7422	-301.2	1.97	-0.96	71.408
1168	-301.45	1.89	-1.16	71.413
7421	-301.66	1.92	-0.92	71.418
7420	-301.89	1.98	-0.99	71.422
7419	-302.14	1.97	-0.89	71.427
1167	-302.41	1.95	-1.28	71.433

7418	-302.79	2.12	-1.38	71.440
7417	-302.96	2.05	-0.99	71.444
1166	-303.39	1.96	-1.16	71.452
7416	-303.47	1.99	-0.10	71.454
7415	-303.73	2.02	-0.59	71.459
7414	-303.98	2.11	-1.66	71.464
1165	-304.31	1.95	-1.22	71.471
7413	-304.48	2.01	-1.70	71.474
7412	-304.69	1.99	-1.66	71.478
7411	-304.94	1.98	-0.91	71.483
1164	-305.29	1.91	-1.17	71.490
7410	-305.41	1.99	-1.09	71.493
7409	-305.89	1.98	-1.13	71.502
1163	-306.29	2.00	-1.17	71.510
7408	-306.34	1.95	-0.89	71.511
7407	-306.61	1.96	-0.85	71.517
1162	-307.05	1.84	-1.07	71.526
7406	-307.35	2.00	-1.04	71.532
7405	-307.82	2.09	-1.00	71.541
1161	-308.03	2.00	-1.20	71.545
7404	-308.22	2.06	-1.27	71.549
7403	-308.47	2.01	-0.96	71.565
1160	-308.84	1.95	-1.14	71.588
7402	-308.99	1.94	-1.14	71.598
7401	-309.21	1.90	-1.35	71.612
7400	-309.49	2.00	-1.25	71.630
1159	-309.72	1.82	-1.50	71.644
7399	-309.85	1.93	-1.29	71.653
7398	-310.1	1.88	-1.18	71.669
7397	-310.31	1.94	-1.43	71.682
1158	-310.76	1.85	-1.32	71.711
7396	-310.84	1.89	-1.29	71.716
7395	-311.29	1.77	-1.40	71.744
1157	-311.69	1.73	-1.25	71.770
7394	-311.89	1.80	-1.40	71.783
7393	-312.15	1.86	-1.37	71.799
7392	-312.23	1.92	-1.26	71.804
1156	-312.57	1.88	-1.33	71.826
7391	-312.66	2.02	-1.61	71.832
7390	-312.9	1.86	-1.88	71.847
7389	-313.14	1.81	-1.22	71.862
7388	-313.33	1.89	-0.74	71.874
1155	-313.61	1.82	-1.43	71.892
7387	-313.72	1.89	-1.18	71.899
7386	-313.94	1.81	-1.82	71.913
7385	-314.17	1.83	-1.61	71.928
1154	-314.45	1.84	-1.39	71.945
7384	-314.87	1.89	-1.17	71.972

7383	-315.07	1.79	-1.13	71.985
1153	-315.41	1.91	-1.50	72.007
7382	-315.49	1.83	-1.52	72.012
7381	-315.93	1.86	-1.56	72.040
7380	-316.15	1.84	-1.45	72.054
1152	-316.35	1.75	-1.66	72.066
7379	-317.01	1.80	-1.39	72.108
1151	-317.28	1.72	-1.52	72.126
7378	-317.68	1.78	-1.31	72.151
7377	-317.91	1.88	-1.35	72.155
1150	-318.24	1.82	-1.55	72.161
7376	-318.3	1.71	-1.38	72.162
7375	-318.77	1.70	-1.30	72.170
1149	-319.115	1.92	-1.20	72.176
7374	-319.25	1.96	-1.22	72.179
7373	-319.65	1.90	-1.19	72.186
7372	-319.85	1.90	-1.10	72.189
1148	-320.09	1.90	-0.98	72.194
7371	-320.28	1.90	-1.35	72.197
7370	-320.53	1.79	-1.72	72.201
7369	-320.99	2.10	-1.65	72.210
1147	-321.11	1.97	-1.27	72.212
7368	-321.24	1.91	-1.34	72.214
7367	-321.49	1.98	-1.19	72.218
1146	-321.76	1.94	-1.09	72.223
7366	-321.98	2.00	-1.26	72.227
7365	-322.49	1.86	-1.55	72.236
1145	-322.71	1.74	-1.40	72.240
7364	-323.16	1.90	-1.28	72.248
7363	-323.38	1.97	-1.49	72.252
1144	-323.68	2.05	-1.46	72.257
1143	-323.86	1.78	-1.46	72.260
7362	-324.09	1.99	-1.42	72.264
7361	-324.34	1.84	-1.29	72.269
1142	-324.77	1.85	-1.39	72.277
7360	-324.99	1.84	-1.25	72.280
7359	-325.45	1.91	-1.36	72.289
1141	-325.77	1.86	-1.25	72.294
7358	-325.96	1.83	-1.39	72.298
7357	-326.42	2.04	-1.36	72.306
1140	-326.72	1.98	-1.53	72.311
7356	-326.88	1.89	-1.38	72.314
1139	-327.66	1.83	-1.76	72.328
7355	-327.72	1.92	-1.91	72.329
7354	-328.1	1.95	-1.61	72.335
1138	-328.59	2.02	-1.62	72.344
7353	-328.71	1.92	-1.42	72.346
1137	-329.47	1.95	-1.61	72.360

7351	-329.7	1.80	-1.49	72.364
7350	-330.12	1.94	-1.34	72.371
1136	-330.29	1.99	-1.76	72.374
7349	-330.68	1.96	-1.17	72.381
7348	-331.04	2.05	-1.25	72.388
1135	-331.26	2.04	-1.02	72.391
7347	-331.43	2.16	-1.10	72.394
7346	-331.68	2.14	-1.10	72.399
7345	-331.97	2.20	-1.28	72.404
1134	-332.24	2.13	-1.47	72.409
7344	-332.47	2.02	-1.24	72.413
7343	-332.74	1.98	-1.38	72.418
7342	-333.22	2.07	-1.22	72.426
1133	-333.25	2.07	-1.16	72.427
7341	-333.43	2.14	-0.47	72.430
4007	-334	2.15	-0.98	72.440
1132	-334.02	2.07	-1.32	72.440
7340	-334.31	2.13	-1.47	72.445
7339	-334.55	2.16	-1.33	72.450
7338	-334.97	2.11	-1.48	72.457
1131	-335.06	2.11	-1.23	72.459
7337	-335.22	2.20	-1.40	72.462
7336	-335.47	2.07	-1.98	72.466
1130	-335.79	2.15	-1.38	72.472
7335	-335.95	2.15	-1.56	72.474
7334	-336.41	2.12	-1.62	72.483
1129	-336.77	2.11	-1.15	72.489
7333	-336.91	2.14	-1.42	72.491
7332	-337.13	2.13	-1.26	72.495
7331	-337.47	2.13	-1.28	72.501
1128	-337.7	2.09	-1.27	72.505
7330	-337.93	2.24	-1.06	72.510
7329	-338.36	2.15	-1.49	72.517
1127	-338.63	2.26	-1.31	72.522
7328	-338.73	2.23	-1.15	72.524
7327	-339.15	2.11	-1.45	72.531
1126	-339.36	2.19	-1.42	72.535
7326	-339.55	2.28	-1.10	72.538
7325	-339.9	2.11	-1.32	72.544
7324	-340.15	2.27	-1.50	72.549
1125	-340.38	2.20	-1.24	72.553
7323	-340.66	2.21	-1.35	72.558
7322	-340.85	2.18	-1.55	72.561
1124	-341.27	2.10	-1.42	72.569
7321	-341.93	1.91	-1.36	72.580
1123	-342.19	1.96	-1.22	72.585
7320	-342.34	2.03	-1.33	72.588
7319	-342.55	2.13	-1.38	72.591

7318	-343.01	2.14	-1.42	72.599
1122	-343.17	2.13	-1.40	72.602
7317	-343.3	2.10	-1.29	72.605
7316	-343.68	1.99	-1.45	72.611
7315	-343.9	2.01	-1.28	72.615
1121	-344.12	2.04	-1.49	72.619
7314	-344.75	2.11	-1.74	72.630
1120	-344.99	2.17	-1.54	72.635
7313	-345.22	2.15	-1.51	72.639
7312	-345.65	2.16	-1.27	72.646
1119	-345.85	2.18	-1.50	72.650
7311	-346.16	2.19	-1.62	72.655
7310	-346.63	2.23	-1.67	72.664
1118	-346.86	2.13	-1.60	72.668
7309	-347.42	2.13	-1.43	72.678
1117	-347.68	2.13	-1.80	72.682
7308	-348.09	2.03	-1.88	72.689
1116	-348.7	2.05	-1.78	72.700
5542	-348.87	1.96	-1.19	72.703
7307	-349.1	1.90	-1.85	72.707
7306	-349.51	1.99	-1.90	72.715
1115	-349.77	2.17	-1.93	72.719
7305	-350	2.03	-1.49	72.723
7304	-350.23	2.04	-1.48	72.727
1114	-350.72	1.96	-1.90	72.736
7303	-350.78	2.11	-1.84	72.737
7302	-351.02	2.22	-1.65	72.741
7301	-351.23	2.22	-1.52	72.745
1113	-351.6	2.13	-1.73	72.752
7300	-351.79	2.25	-1.67	72.755
7299	-352.28	2.27	-1.65	72.764
1112	-352.52	2.21	-1.54	72.768
7298	-353.06	2.22	-1.70	72.777
7297	-353.25	2.32	-1.87	72.781
1111	-353.45	2.17	-1.83	72.784
7296	-353.69	2.31	-2.11	72.789
7295	-354.13	2.23	-1.84	72.796
1110	-354.3	2.30	-1.79	72.799
7293	-354.89	2.29	-1.35	72.810
1109	-355.34	2.23	-1.91	72.818
7292	-355.6	2.33	-1.59	72.822
7294	-355.65	2.37	-1.57	72.823
7291	-356.04	2.39	-1.51	72.830
1108	-356.32	2.30	-1.66	72.835
7290	-356.52	2.27	-1.61	72.839
7289	-356.95	2.20	-1.53	72.846
1107	-357.21	2.24	-1.36	72.851
7288	-357.38	2.25	-1.79	72.854

7287	-357.58	2.13	-1.42	72.857
7286	-357.95	2.36	-1.46	72.864
1106	-358.15	2.31	-1.45	72.868
7285	-358.64	2.49	-1.96	72.876
7284	-358.89	2.46	-1.50	72.881
1105	-359.14	2.56	-1.55	72.885
7283	-359.29	2.50	-1.49	72.888
7282	-359.53	2.42	-1.55	72.892
1104	-360.01	2.53	-1.53	72.900
7281	-360.21	2.50	-1.59	72.904
7280	-360.74	2.53	-1.68	72.913
1103	-360.99	2.57	-1.62	72.918
7279	-361.14	2.66	-1.64	72.921
7278	-361.5	2.54	-1.85	72.927
1102	-361.75	2.38	-1.76	72.931
7277	-362.01	2.54	-1.99	72.936
7276	-362.38	2.63	-1.60	72.942
7275	-362.58	2.58	-2.07	72.946
1101	-362.8	2.70	-1.97	72.947
7274	-363.12	2.53	-1.59	72.950
7273	-363.38	2.43	-1.24	72.951
1100	-363.82	2.43	-1.81	72.954
7272	-363.97	2.43	-1.70	72.955
7271	-364.2	2.43	-1.84	72.957
7270	-364.57	2.45	-1.59	72.960
1099	-364.75	2.43	-1.94	72.961
7269	-364.83	2.53	-1.65	72.961
7268	-365.03	2.50	-1.73	72.963
7267	-365.48	2.56	-1.81	72.966
1098	-365.65	2.56	-1.59	72.967
7266	-365.93	2.51	-1.68	72.969
7265	-366.16	2.45	-1.65	72.970
1097	-366.55	2.54	-2.08	72.973
7264	-366.8	2.43	-1.79	72.975
7263	-367.08	2.48	-1.81	72.977
1096	-367.5	2.44	-2.12	72.979
7262	-367.7	2.41	-1.75	72.981
7261	-367.91	2.39	-2.28	72.982
1095	-368.52	2.27	-2.07	72.986
7260	-368.69	2.43	-2.35	72.988
5510	-368.94	2.42	-0.54	72.989
7259	-369.18	2.48	-2.46	72.991
1094	-369.41	2.39	-2.03	72.992
7258	-369.88	2.32	-2.04	72.996
7257	-370.16	2.42	-1.71	72.998
1093	-370.39	2.55	-2.49	72.999
7256	-370.53	2.54	-1.82	73.000
7255	-370.78	2.57	-1.47	73.002

1092	-371.3	2.49	-1.91	73.005
7254	-371.64	2.52	-1.47	73.008
7253	-371.9	2.59	-1.88	73.009
7252	-372.18	2.44	-2.02	73.011
7251	-372.44	2.50	-2.56	73.013
7250	-372.66	2.47	-1.61	73.015
1090	-373.06	2.54	-2.10	73.017
7249	-373.22	2.52	-1.66	73.018
7248	-373.47	2.50	-1.66	73.020
7247	-373.73	2.57	-1.58	73.022
1089	-374.05	2.54	-1.84	73.024
7246	-374.52	2.47	-1.56	73.027
1088	-374.98	2.61	-1.94	73.030
5501	-375.08	2.51	-1.13	73.031
7245	-375.39	2.46	-1.58	73.033
7244	-375.62	2.50	-1.69	73.035
1087	-375.86	2.59	-1.64	73.036
7243	-376.09	2.55	-1.41	73.038
7242	-376.35	2.55	-1.17	73.040
7241	-376.59	2.44	-1.35	73.041
1086	-376.85	2.57	-1.49	73.043
7240	-377.04	2.50	-1.67	73.044
7239	-377.29	2.58	-1.83	73.046
7238	-377.54	2.47	-1.71	73.048
1085	-377.78	2.55	-2.04	73.049
7237	-378.09	2.47	-1.72	73.051
7236	-378.52	2.36	-1.65	73.054
1084	-378.72	2.32	-2.25	73.056
7235	-378.82	2.48	-1.68	73.056
7234	-379.08	2.47	-1.20	73.058
1083	-379.61	2.55	-1.42	73.062
7233	-379.7	2.44	-1.80	73.062
7232	-379.9	2.40	-1.32	73.064
7231	-380.12	2.44	-1.91	73.065
7230	-380.35	2.46	-1.88	73.067
1082	-380.6	2.26	-2.13	73.069
7229	-380.85	2.52	-1.59	73.070
7228	-381.09	2.37	-1.68	73.072
1081	-381.45	2.48	-1.57	73.074
7227	-381.63	2.36	-1.59	73.076
7226	-381.83	2.43	-1.77	73.077
7225	-382.11	2.44	-1.84	73.079
1080	-382.3	2.51	-1.74	73.080
7224	-382.38	2.38	-1.68	73.081
7223	-382.94	2.43	-1.77	73.084
7222	-383.13	2.43	-1.67	73.086
1079	-383.34	2.53	-2.08	73.087
7221	-383.68	2.38	-1.50	73.089

7220	-383.98	2.35	-1.50	73.091
1078	-384.18	2.44	-1.80	73.093
7219	-384.39	2.41	-1.68	73.094
7218	-384.93	2.35	-1.75	73.098
1077	-385.18	2.46	-1.97	73.100
7217	-385.35	2.43	-1.84	73.101
7216	-385.81	2.35	-1.63	73.104
1076	-386.05	2.36	-1.79	73.106
7215	-386.32	2.39	-1.69	73.107
7214	-386.77	2.32	-1.64	73.110
1075	-386.93	2.44	-1.70	73.112
7213	-387.02	2.37	-1.91	73.112
7212	-387.43	2.42	-1.56	73.115
7211	-387.65	2.45	-1.82	73.116
1074	-387.88	2.37	-1.77	73.118
7210	-388.14	2.34	-1.80	73.120
7209	-388.39	2.42	-1.57	73.121
7208	-388.64	2.47	-1.69	73.123
1073	-388.89	2.29	-2.11	73.125
7207	-389.22	2.33	-1.66	73.127
7206	-389.48	2.38	-1.62	73.129
1072	-389.71	2.48	-1.91	73.130
7205	-389.97	2.39	-1.69	73.132
7204	-390.21	2.39	-1.69	73.134
7203	-390.45	2.42	-1.78	73.135
1071	-390.73	2.21	-1.66	73.137
7202	-390.9	2.32	-1.76	73.139
7201	-391.18	2.37	-1.94	73.140
1070	-391.65	2.38	-2.77	73.144
7200	-391.77	2.37	-2.17	73.144
7199	-392.29	2.38	-2.39	73.148
1069	-392.57	2.41	-1.76	73.150
7198	-392.78	2.41	-1.98	73.151
7197	-393.02	2.46	-2.13	73.153
7196	-393.29	2.45	-2.02	73.155
1068	-393.53	2.58	-1.57	73.156
7195	-393.76	2.38	-2.10	73.158
7194	-394.28	2.41	-2.12	73.162
1067	-394.54	2.31	-3.08	73.163
7193	-394.76	2.40	-2.29	73.165
7192	-395.19	2.41	-2.50	73.168
1066	-395.4	2.44	-1.95	73.169
7191	-395.65	2.41	-1.90	73.171
7190	-395.88	2.32	-2.09	73.172
7189	-396.13	2.43	-1.88	73.174
1065	-396.37	2.51	-1.45	73.176
7188	-396.49	2.41	-1.56	73.177
7187	-397.16	2.39	-1.79	73.181

1064	-397.3	2.41	-2.00	73.182
7186	-397.52	2.29	-2.02	73.184
7185	-397.78	2.26	-1.82	73.185
7184	-398.15	2.29	-2.11	73.188
1063	-398.35	2.28	-1.89	73.189
7183	-398.44	2.28	-1.96	73.190
7182	-398.69	2.27	-1.75	73.191
1062	-399.13	2.27	-2.29	73.194
7181	-399.75	2.27	-1.66	73.199
1061	-400	2.41	-1.81	73.200
7180	-400.3	2.32	-1.66	73.202
7179	-400.54	2.29	-1.58	73.204
1060	-401.06	2.29	-1.57	73.208
7178	-401.25	2.30	-1.93	73.209
7177	-401.77	2.21	-1.76	73.212
1059	-401.99	2.24	-2.03	73.214
7176	-402.54	2.30	-1.91	73.218
1058	-402.9	2.41	-1.94	73.220
7175	-403.16	2.37	-1.74	73.222
7174	-403.65	2.37	-1.64	73.225
1057	-403.85	2.34	-1.84	73.227
7173	-404.16	2.35	-1.89	73.229
7172	-404.5	2.20	-1.92	73.231
1056	-404.76	2.38	-1.97	73.233
7171	-405.18	2.32	-1.82	73.236
7170	-405.6	2.31	-1.68	73.238
1055	-405.77	2.41	-1.92	73.240
7169	-405.89	2.38	-1.73	73.240
7168	-406.32	2.35	-1.89	73.243
1054	-406.68	2.47	-1.53	73.246
7167	-406.97	2.45	-1.70	73.248
7166	-407.25	2.38	-1.50	73.250
1053	-407.71	2.58	-1.65	73.253
7165	-408.12	2.40	-1.68	73.256
7164	-408.34	2.48	-1.72	73.257
1052	-408.57	2.32	-2.04	73.259
7163	-408.8	2.38	-1.57	73.260
7162	-409.05	2.33	-1.68	73.262
1051	-409.45	2.52	-1.64	73.265
7160	-409.95	2.30	-1.82	73.268
7158	-410.02	2.51	-1.92	73.269
7157	-410.27	2.40	-1.70	73.270
1050	-410.42	2.37	-1.94	73.271
7156	-410.45	2.38	-1.75	73.271
7154	-410.77	2.18	-1.94	73.274
7153	-410.92	2.25	-1.88	73.275
7151	-411.21	2.26	-1.66	73.277
1049	-411.34	2.43	-1.83	73.277

7150	-411.39	2.29	-1.88	73.278
7149	-411.71	2.43	-1.92	73.280
7148	-411.95	2.31	-2.23	73.284
1048	-412.23	2.22	-1.97	73.288
7146	-412.33	2.22	-1.82	73.289
7145	-412.59	2.29	-1.99	73.293
7143	-412.82	2.20	-1.99	73.297
7142	-412.98	2.32	-1.90	73.299
1047	-413.02	2.24	-2.02	73.300
7141	-413.61	2.33	-2.05	73.309
7140	-413.91	2.20	-1.78	73.313
1046	-413.98	2.22	-1.96	73.315
7139	-414.12	2.15	-1.88	73.317
7138	-414.37	2.15	-2.00	73.320
1045	-414.49	2.21	-1.89	73.322
7137	-414.62	2.16	-2.18	73.324
7136	-414.88	2.23	-1.91	73.328
7135	-415.08	2.18	-2.13	73.331
7134	-415.34	2.22	-2.21	73.335
7133	-415.59	2.17	-1.61	73.339
1044	-415.78	2.20	-1.93	73.342
7132	-416.06	2.12	-1.90	73.346
7131	-416.31	2.22	-2.07	73.350
7130	-416.56	2.18	-2.03	73.354
1043	-416.75	2.19	-1.98	73.357
7129	-416.99	2.23	-2.07	73.360
7128	-417.24	2.14	-1.95	73.364
7127	-417.49	2.27	-2.02	73.368
1042	-417.72	2.16	-2.10	73.371
7126	-417.96	2.21	-1.77	73.375
7125	-418.2	2.20	-2.21	73.379
7124	-418.46	2.12	-1.91	73.383
1041	-418.65	2.25	-2.09	73.386
7123	-418.9	2.23	-1.99	73.389
7122	-419.15	2.34	-1.84	73.393
7121	-419.42	2.23	-1.91	73.397
1040	-419.62	2.26	-1.77	73.400
7120	-419.72	2.14	-2.43	73.402
7119	-419.99	2.20	-2.32	73.406
7118	-420.24	2.23	-1.74	73.410
7117	-420.49	2.32	-1.86	73.414
1039	-420.67	2.23	-1.91	73.416
7116	-420.82	2.17	-2.12	73.419
7115	-421.08	2.21	-1.82	73.423
1038	-421.53	2.21	-2.03	73.429
7113	-421.83	2.26	-1.68	73.434
7112	-422.09	2.34	-1.73	73.438
7111	-422.35	2.22	-1.75	73.442

1037	-422.54	2.12	-1.95	73.445
7110	-422.82	2.21	-1.71	73.449
7109	-422.96	2.20	-1.89	73.451
7108	-423.3	2.19	-1.53	73.456
1036	-423.44	2.16	-1.90	73.459
7107	-423.64	2.18	-1.86	73.462
7105	-424.14	2.15	-1.81	73.469
1035	-424.3	2.18	-1.79	73.472
7104	-424.52	2.15	-1.92	73.475
7103	-424.77	2.17	-1.73	73.479
7102	-425.02	2.22	-2.01	73.483
1034	-425.24	2.28	-1.92	73.486
7101	-425.5	2.13	-1.75	73.490
7100	-425.75	2.21	-1.94	73.494
7099	-426.02	2.23	-1.89	73.498
1033	-426.12	2.22	-1.75	73.499
7098	-426.42	2.33	-1.88	73.504
7097	-426.68	2.17	-1.90	73.508
7096	-426.92	2.18	-1.95	73.512
1032	-427.11	2.26	-1.85	73.514
7095	-427.42	2.30	-1.75	73.519
7094	-427.67	2.20	-1.62	73.523
7093	-427.92	2.23	-1.84	73.527
1031	-428.03	2.25	-1.62	73.528
5101	-428.24	2.31	-1.58	73.532
5102	-428.27	2.23	-1.65	73.532
5103	-428.3	2.33	-1.71	73.533
5104	-428.32	2.32	-1.69	73.533
5105	-428.37	2.24	-1.70	73.534
5106	-428.42	2.25	-1.63	73.534
7092	-428.42	2.29	-1.72	73.534
5107	-428.48	2.32	-1.67	73.535
5108	-428.53	2.20	-1.88	73.536
5109	-428.58	2.26	-1.81	73.537
5110	-428.67	2.34	-1.59	73.538
7091	-428.68	2.26	-1.35	73.538
5111	-428.72	2.20	-1.62	73.539
5112	-428.77	2.21	-1.88	73.540
5113	-428.87	2.25	-1.59	73.541
7090	-428.92	2.36	-1.65	73.542
5114	-428.93	2.28	-1.91	73.542
1030	-428.94	2.34	-1.92	73.542
5115	-428.98	2.26	-2.07	73.543
5120	-429.03	2.29	-1.98	73.544
5121	-429.06	2.27	-1.98	73.544
5122	-429.1	2.27	-2.01	73.545
5123	-429.12	2.29	-1.54	73.545
5125	-429.14	2.30	-1.56	73.545

5126	-429.17	2.43	-1.81	73.546
5127	-429.21	2.37	-1.96	73.546
7089	-429.25	2.33	-1.64	73.547
5128	-429.26	2.28	-1.76	73.547
5129	-429.29	2.30	-1.67	73.548
5130	-429.33	2.33	-1.84	73.548
5131	-429.39	2.39	-1.84	73.549
5132	-429.49	2.42	-1.76	73.551
7088	-429.5	2.29	-1.76	73.551
5133	-429.53	2.38	-1.90	73.551
5134	-429.58	2.43	-1.74	73.552
5135	-429.63	2.36	-1.92	73.553
5136	-429.68	2.37	-1.89	73.554
1029	-429.71	2.41	-1.98	73.554
5137	-429.73	2.38	-1.73	73.554
5138	-429.77	2.40	-1.75	73.555
5139	-429.81	2.45	-1.77	73.556
5140	-429.84	2.39	-1.78	73.556
5141	-429.89	2.44	-1.62	73.557
5163	-429.99	2.38	-1.86	73.558
7087	-430	2.44	-1.78	73.558
5162	-430.05	2.35	-1.95	73.559
5161	-430.09	2.38	-2.02	73.560
5160	-430.21	2.39	-1.88	73.562
7086	-430.25	2.37	-1.75	73.562
5159	-430.26	2.43	-2.04	73.562
5158	-430.33	2.43	-1.96	73.563
5157	-430.36	2.40	-1.59	73.564
5156	-430.42	2.34	-1.66	73.565
5152	-430.47	2.46	-1.60	73.566
5151	-430.49	2.24	-1.87	73.566
7085	-430.5	2.37	-1.78	73.566
5150	-430.51	2.29	-1.86	73.566
5149	-430.55	2.32	-1.95	73.567
5148	-430.6	2.31	-1.79	73.568
5147	-430.69	2.24	-1.66	73.569
1028	-430.72	2.30	-1.70	73.569
5146	-430.72	2.28	-1.65	73.569
7084	-430.75	2.29	-1.68	73.570
5145	-430.77	2.28	-1.65	73.570
5144	-430.83	2.33	-1.88	73.572
5143	-430.88	2.33	-2.05	73.574
7083	-431.06	2.37	-1.48	73.580
7082	-431.33	2.38	-1.76	73.588
7081	-431.5	2.40	-1.72	73.594
1027	-431.7	2.32	-1.76	73.600
7080	-431.83	2.29	-1.91	73.604
7078	-432.3	2.24	-1.50	73.619

1026	-432.55	2.29	-1.70	73.627
7077	-432.64	2.37	-1.69	73.630
7076	-432.88	2.27	-1.81	73.637
7075	-433.13	2.28	-1.75	73.645
1025	-433.47	2.40	-1.42	73.656
7073	-433.72	2.25	-1.64	73.664
7072	-433.97	2.29	-1.57	73.672
7071	-434.22	2.35	-1.57	73.680
1024	-434.56	2.28	-1.84	73.691
7070	-434.69	2.24	-1.65	73.695
7069	-434.95	2.20	-1.55	73.703
7068	-435.11	2.20	-1.54	73.708
1023	-435.42	2.28	-1.82	73.718
7067	-435.63	2.23	-1.67	73.725
7066	-435.87	2.27	-1.67	73.733
7065	-436.13	2.23	-1.55	73.741
1022	-436.35	2.30	-1.46	73.748
7064	-436.54	2.26	-1.64	73.754
7063	-436.8	2.24	-1.45	73.762
7062	-437.05	2.32	-1.44	73.770
1021	-437.29	2.34	-1.58	73.778
7061	-437.58	2.25	-1.33	73.787
7060	-437.85	2.31	-1.13	73.796
7059	-438.03	2.29	-1.66	73.801
1020	-438.28	2.22	-1.69	73.809
7058	-438.42	2.28	-1.60	73.814
7056	-438.89	2.25	-1.46	73.829
1019	-439.18	2.21	-1.69	73.838
7055	-439.27	2.27	-1.48	73.841
7054	-439.5	2.24	-1.47	73.848
7053	-439.76	2.44	-1.53	73.856
7052	-440.01	2.34	-1.62	73.864
1018	-440.22	2.26	-1.68	73.871
7051	-440.43	2.20	-1.41	73.878
7050	-440.67	2.24	-1.49	73.885
7049	-440.93	2.24	-1.31	73.894
1017	-441.13	2.20	-1.47	73.900
7048	-441.31	2.28	-1.57	73.906
7047	-441.56	2.30	-1.54	73.914
7046	-441.81	2.36	-1.51	73.922
1016	-441.95	2.32	-1.69	73.926
7045	-442.32	2.28	-1.59	73.938
7044	-442.57	2.22	-1.71	73.946
7043	-442.83	2.32	-1.89	73.954
1015	-442.96	2.23	-1.69	73.958
7042	-443.23	2.24	-1.71	73.967
7041	-443.49	2.23	-1.46	73.975
1014	-443.69	2.31	-1.42	73.981

7040	-443.81	2.27	-1.51	73.985
7039	-444.11	2.30	-1.76	73.995
7038	-444.36	2.29	-1.23	74.003
7037	-444.61	2.27	-1.44	74.011
1013	-444.81	2.31	-1.66	74.017
7036	-445.02	2.34	-1.47	74.024
7035	-445.28	2.21	-1.48	74.032
7034	-445.53	2.23	-1.46	74.040
1012	-445.75	2.25	-1.43	74.047
7033	-445.94	2.13	-1.35	74.053
7032	-446.21	2.11	-1.48	74.062
7031	-446.45	2.16	-1.47	74.069
1011	-446.67	2.13	-1.35	74.076
7030	-447.04	2.18	-1.45	74.088
7029	-447.29	2.11	-1.04	74.096
7028	-447.54	2.31	-1.28	74.104
1010	-447.65	2.06	-1.67	74.107
7027	-447.94	2.35	-1.47	74.117
7025	-448.43	2.22	-1.33	74.132
1009	-448.59	2.37	-1.55	74.137
7024	-448.9	2.09	-1.64	74.147
7023	-449.14	2.16	-1.41	74.155
7022	-449.39	2.20	-1.37	74.163
1008	-449.57	2.16	-1.48	74.169
7021	-449.77	2.19	-1.55	74.175
7020	-449.98	2.22	-1.65	74.182
7019	-450.23	2.14	-1.59	74.190
1007	-450.48	2.17	-1.85	74.198
7018	-450.7	2.22	-1.75	74.205
7017	-450.95	2.21	-1.66	74.212
7016	-451.2	2.13	-1.63	74.220
1006	-451.44	2.14	-1.74	74.228
7015	-451.74	2.22	-1.54	74.238
7014	-451.99	2.23	-1.70	74.246
7013	-452.18	2.14	-1.65	74.252
1005	-452.39	2.25	-1.80	74.258
7012	-452.64	2.26	-1.59	74.266
7011	-452.88	2.21	-1.35	74.274
7010	-453.07	2.25	-1.54	74.280
1004	-453.29	2.23	-1.41	74.287
7009	-453.52	2.29	-1.71	74.294
7008	-453.77	2.24	-1.68	74.302
5009	-453.8	2.13	-0.40	74.303
7007	-454.03	2.23	-1.65	74.311
1003	-454.21	2.26	-1.60	74.316
5030	-454.39	2.17	-0.52	74.322
7006	-454.44	2.21	-1.59	74.324
7005	-454.69	2.13	-1.51	74.332

7004	-454.94	2.36	-1.56	74.339
1002	-455.12	2.27	-1.47	74.345
7003	-455.29	2.18	-1.47	74.351
7002	-455.53	2.34	-1.61	74.358
5008	-455.71	2.27	-0.33	74.364
7001	-455.78	2.30	-1.44	74.366
1001	-455.95	2.17	-1.54	74.372
5007	-456.19	2.25	-1.62	74.379

Table S2: Bulk carbonate carbon and oxygen isotope records of Stevns-1.