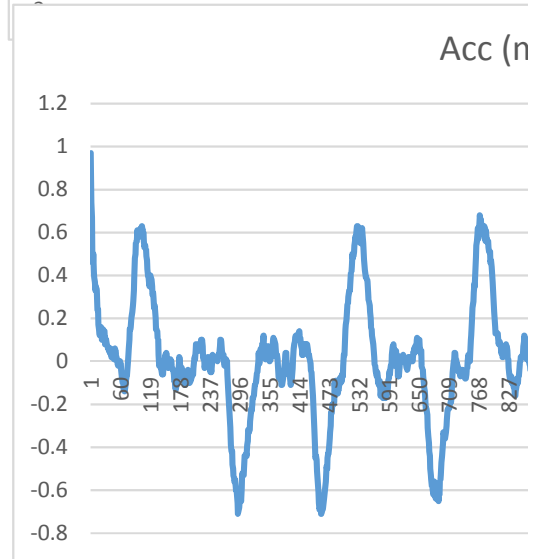
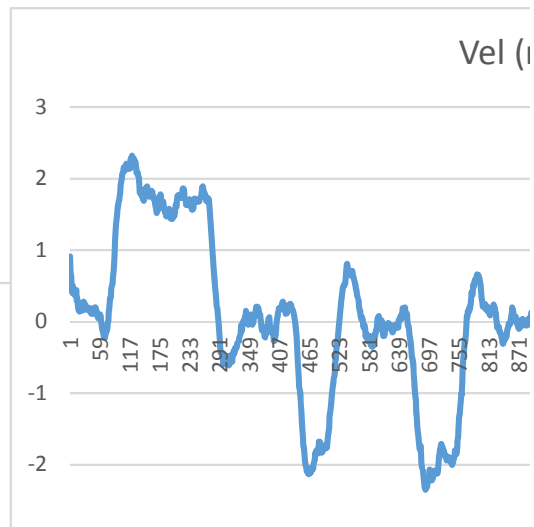
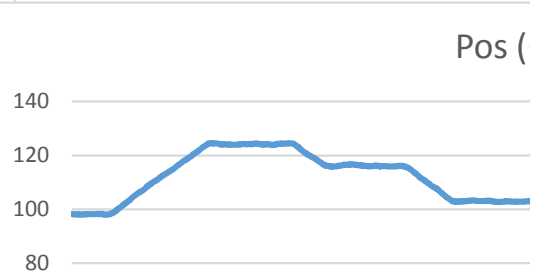
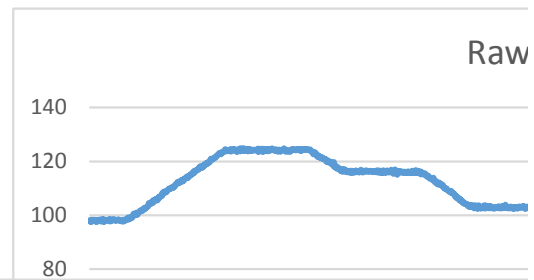


Time(s)	Raw (m)	Pos (m)	Vel (m/s)	Acc (m/s^2)
4	98.04	98.3	0.91	0.97
4.07	97.7	98.19	0.67	0.74
4.15	98.04	98.19	0.63	0.67
4.22	97.62	98.09	0.43	0.5
4.29	97.95	98.08	0.4	0.46
4.36	98.29	98.15	0.5	0.5
4.44	97.79	98.1	0.4	0.41
4.51	98.04	98.11	0.4	0.39
4.62	98.04	98.13	0.4	0.37
4.69	97.95	98.11	0.37	0.33
4.77	98.29	98.17	0.43	0.35
4.84	98.12	98.19	0.44	0.34
4.91	98.12	98.2	0.44	0.33
4.98	97.62	98.11	0.3	0.24
5.06	98.12	98.13	0.32	0.24
5.13	97.62	98.06	0.21	0.17
5.24	97.87	98.04	0.18	0.15
5.31	97.87	98.02	0.15	0.13
5.38	97.95	98.02	0.14	0.12
5.45	98.29	98.07	0.21	0.15
5.53	98.29	98.12	0.26	0.16
5.6	97.87	98.1	0.22	0.14
5.67	97.7	98.04	0.15	0.1
5.74	98.12	98.07	0.17	0.11
5.82	98.54	98.15	0.26	0.15
5.92	98.04	98.16	0.25	0.13
6	98.29	98.2	0.28	0.14
6.07	98.12	98.2	0.27	0.14
6.15	97.53	98.11	0.17	0.08
6.22	98.46	98.18	0.23	0.11
6.29	98.12	98.18	0.23	0.1
6.36	98.04	98.18	0.21	0.09
6.44	98.04	98.17	0.19	0.08
6.51	98.04	98.16	0.18	0.07
6.62	98.12	98.17	0.17	0.06
6.69	98.12	98.18	0.17	0.06
6.76	98.12	98.18	0.16	0.05
6.83	98.21	98.19	0.17	0.06
6.91	97.95	98.17	0.14	0.04
6.98	98.54	98.23	0.19	0.06
7.05	98.04	98.22	0.17	0.05
7.12	97.79	98.17	0.11	0.02
7.2	98.46	98.21	0.15	0.04
7.31	98.12	98.21	0.14	0.03
7.38	98.21	98.22	0.14	0.03
7.45	98.12	98.22	0.12	0.02



7.53	98.12	98.21	0.11	0.01
7.6	98.54	98.26	0.16	0.04
7.67	98.54	98.31	0.2	0.06
7.74	98.29	98.32	0.2	0.05
7.82	98.04	98.3	0.16	0.03
7.93	98.21	98.3	0.15	0.02
8	98.12	98.28	0.12	0.01
8.07	97.95	98.24	0.07	-0.01
8.14	98.12	98.23	0.05	-0.02
8.22	98.29	98.24	0.06	-0.02
8.29	98.37	98.26	0.08	-0.01
8.36	98.46	98.3	0.1	0
8.43	98.29	98.3	0.1	0
8.5	98.12	98.28	0.08	-0.01
8.61	97.87	98.23	0.01	-0.04
8.69	97.87	98.18	-0.04	-0.07
8.76	97.95	98.14	-0.08	-0.08
8.83	97.87	98.1	-0.13	-0.1
8.91	97.95	98.07	-0.15	-0.11
8.98	97.79	98.02	-0.2	-0.13
9.05	98.21	98.03	-0.18	-0.12
9.12	97.7	97.98	-0.23	-0.14
9.19	98.29	98	-0.2	-0.12
9.31	98.37	98.04	-0.15	-0.09
9.38	98.21	98.05	-0.13	-0.08
9.45	98.12	98.06	-0.13	-0.07
9.52	98.37	98.09	-0.08	-0.05
9.59	98.54	98.15	-0.02	-0.01
9.67	98.46	98.19	0.02	0.01
9.74	98.96	98.3	0.13	0.06
9.81	98.79	98.38	0.2	0.1
9.92	99.13	98.51	0.32	0.15
10	98.46	98.53	0.32	0.15
10.07	98.71	98.57	0.36	0.16
10.14	99.21	98.69	0.46	0.2
10.21	98.88	98.74	0.49	0.21
10.29	98.96	98.81	0.53	0.23
10.36	99.3	98.91	0.61	0.26
10.43	99.21	98.99	0.67	0.28
10.5	99.8	99.14	0.8	0.33
10.61	99.97	99.34	0.94	0.39
10.68	100.64	99.59	1.15	0.48
10.76	100.05	99.73	1.24	0.5
10.83	100.48	99.91	1.37	0.55
10.9	100.14	100.03	1.43	0.56
10.98	100.22	100.16	1.48	0.56
11.05	100.9	100.36	1.61	0.61

11.12	100.14	100.43	1.61	0.59
11.2	100.73	100.58	1.68	0.6
11.31	100.48	100.72	1.7	0.58
11.38	100.9	100.85	1.75	0.58
11.46	101.06	100.99	1.8	0.59
11.53	101.48	101.18	1.9	0.61
11.6	101.4	101.33	1.96	0.62
11.67	101.48	101.47	2	0.62
11.75	101.74	101.64	2.06	0.63
11.82	101.57	101.76	2.08	0.61
11.89	101.82	101.9	2.11	0.61
12	101.99	102.11	2.16	0.6
12.07	101.74	102.19	2.12	0.56
12.14	101.99	102.29	2.11	0.53
12.22	102.58	102.47	2.17	0.54
12.29	102.41	102.59	2.18	0.53
12.36	102.75	102.75	2.21	0.52
12.46	102.49	102.9	2.19	0.49
12.58	102.83	103.1	2.2	0.47
12.66	102.83	103.21	2.17	0.43
12.74	103	103.33	2.14	0.4
12.82	103.33	103.47	2.15	0.39
12.9	103.33	103.59	2.14	0.37
12.97	103.59	103.74	2.14	0.35
13.05	104.51	104	2.26	0.4
13.13	104.17	104.18	2.29	0.4
13.21	104.26	104.34	2.3	0.39
13.33	104.43	104.58	2.32	0.38
13.4	104.43	104.72	2.3	0.35
13.48	104.34	104.81	2.24	0.31
13.56	105.1	105.01	2.28	0.32
13.64	105.02	105.16	2.28	0.3
13.72	104.6	105.23	2.19	0.25
13.8	105.61	105.44	2.24	0.26
13.88	105.27	105.57	2.21	0.24
13.96	105.18	105.66	2.15	0.2
14.07	105.35	105.82	2.08	0.15
14.15	105.94	105.98	2.09	0.15
14.23	106.03	106.12	2.08	0.14
14.31	105.94	106.24	2.04	0.11
14.39	106.19	106.36	2.02	0.1
14.47	105.61	106.38	1.89	0.03
14.54	105.94	106.44	1.8	-0.02
14.62	106.78	106.62	1.83	0
14.7	106.78	106.76	1.84	0
14.8	106.53	106.88	1.77	-0.03
14.88	107.04	107.02	1.77	-0.03

14.96	106.95	107.13	1.74	-0.05
15.03	107.12	107.24	1.71	-0.06
15.12	107.54	107.41	1.73	-0.04
15.19	107.29	107.5	1.69	-0.06
15.27	108.38	107.75	1.8	-0.01
15.35	107.88	107.89	1.8	-0.01
15.48	108.21	108.13	1.81	0
15.56	108.63	108.33	1.87	0.03
15.63	108.3	108.45	1.84	0.01
15.71	108.89	108.64	1.89	0.04
15.79	108.55	108.75	1.86	0.02
15.87	108.72	108.87	1.83	0.01
15.95	108.63	108.95	1.78	-0.02
16.03	108.97	109.08	1.75	-0.03
16.1	109.22	109.21	1.75	-0.03
16.18	109.64	109.4	1.79	-0.01
16.26	109.56	109.54	1.8	-0.01
16.34	109.89	109.71	1.83	0.01
16.42	109.81	109.85	1.82	0
16.5	109.98	110	1.82	0
16.58	109.81	110.09	1.77	-0.02
16.66	110.15	110.22	1.76	-0.03
16.73	110.15	110.32	1.72	-0.04
16.81	110.48	110.46	1.73	-0.04
16.89	110.4	110.57	1.69	-0.06
16.97	110.23	110.63	1.62	-0.09
17.05	110.74	110.76	1.61	-0.09
17.13	110.57	110.84	1.55	-0.12
17.21	110.82	110.94	1.52	-0.13
17.28	111.24	111.08	1.54	-0.11
17.36	111.41	111.23	1.56	-0.1
17.44	111.66	111.4	1.6	-0.07
17.52	111.83	111.57	1.64	-0.05
17.6	111.83	111.72	1.66	-0.04
17.68	112.34	111.93	1.72	-0.01
17.76	112.42	112.11	1.78	0.02
17.84	111.83	112.19	1.72	-0.01
17.92	112	112.28	1.67	-0.03
17.99	112.17	112.37	1.63	-0.05
18.07	112.59	112.51	1.64	-0.05
18.15	112.93	112.68	1.68	-0.03
18.23	112.59	112.78	1.64	-0.04
18.31	112.42	112.84	1.57	-0.08
18.38	113.09	112.98	1.58	-0.07
18.46	112.84	113.07	1.53	-0.09
18.54	113.26	113.2	1.54	-0.08
18.62	112.93	113.26	1.48	-0.11

18.7	113.43	113.38	1.47	-0.11
18.78	113.6	113.51	1.48	-0.1
18.86	113.77	113.65	1.49	-0.09
18.94	113.93	113.8	1.51	-0.08
19.02	114.19	113.95	1.54	-0.06
19.1	114.35	114.12	1.58	-0.04
19.17	113.85	114.18	1.52	-0.07
19.25	114.19	114.28	1.5	-0.07
19.33	114.02	114.35	1.44	-0.1
19.41	114.61	114.48	1.45	-0.09
19.49	114.78	114.62	1.47	-0.08
19.57	114.61	114.72	1.45	-0.09
19.64	114.86	114.83	1.44	-0.08
19.72	115.2	114.98	1.47	-0.07
19.8	115.28	115.12	1.49	-0.05
19.88	115.2	115.24	1.48	-0.06
19.96	115.7	115.4	1.53	-0.03
20.04	115.96	115.59	1.59	0
20.12	116.04	115.76	1.64	0.02
20.2	115.7	115.86	1.61	0.01
20.28	116.55	116.07	1.69	0.05
20.35	116.63	116.26	1.76	0.08
20.43	116.38	116.4	1.76	0.08
20.51	116.55	116.54	1.77	0.08
20.59	116.63	116.67	1.77	0.08
20.67	116.63	116.78	1.75	0.06
20.74	116.88	116.91	1.75	0.06
20.82	116.88	117.03	1.73	0.05
20.9	117.13	117.16	1.73	0.05
20.98	117.64	117.34	1.78	0.07
21.06	117.39	117.47	1.77	0.06
21.13	118.14	117.69	1.86	0.1
21.21	117.64	117.8	1.84	0.09
21.3	118.06	117.97	1.86	0.1
21.38	117.72	118.06	1.81	0.07
21.45	117.55	118.11	1.72	0.02
21.53	118.14	118.23	1.71	0.01
21.61	118.23	118.34	1.69	0
21.69	118.06	118.41	1.63	-0.03
21.77	118.73	118.57	1.65	-0.01
21.85	118.65	118.69	1.65	-0.02
21.92	118.9	118.83	1.66	-0.01
22	118.82	118.94	1.63	-0.02
22.08	119.41	119.12	1.68	0
22.16	119.41	119.27	1.71	0.02
22.24	118.99	119.35	1.65	-0.01
22.32	119.32	119.45	1.62	-0.03

22.39	119.66	119.59	1.63	-0.02
22.47	119.75	119.73	1.63	-0.02
22.59	119.49	119.85	1.57	-0.05
22.67	120.25	120.02	1.6	-0.03
22.75	119.91	120.11	1.57	-0.05
22.83	120.42	120.26	1.59	-0.03
22.9	121.01	120.48	1.68	0.01
22.98	120.84	120.64	1.72	0.03
23.06	120.67	120.76	1.7	0.02
23.14	120.92	120.9	1.71	0.02
23.22	120.84	121	1.68	0.01
23.3	121.18	121.14	1.69	0.01
23.37	121.34	121.28	1.7	0.02
23.45	121.26	121.4	1.68	0.01
23.53	121.6	121.54	1.69	0.01
23.61	121.6	121.66	1.68	0.01
23.69	121.77	121.79	1.68	0
23.77	122.19	121.96	1.72	0.02
23.85	122.19	122.11	1.73	0.03
23.93	122.27	122.25	1.74	0.03
24.01	122.52	122.41	1.76	0.04
24.08	122.95	122.6	1.82	0.07
24.16	123.11	122.8	1.88	0.1
24.24	122.95	122.95	1.89	0.1
24.32	122.95	123.07	1.87	0.09
24.4	122.69	123.14	1.8	0.05
24.48	123.2	123.27	1.8	0.04
24.55	123.2	123.38	1.77	0.03
24.63	123.53	123.52	1.77	0.03
24.71	123.28	123.61	1.72	0
24.79	123.53	123.71	1.69	-0.02
24.87	123.79	123.83	1.68	-0.02
24.95	124.04	123.98	1.69	-0.01
25.03	124.38	124.15	1.73	0.01
25.11	124.13	124.27	1.7	-0.01
25.19	124.46	124.41	1.71	0
25.27	123.79	124.43	1.6	-0.06
25.34	124.04	124.48	1.52	-0.1
25.42	123.87	124.5	1.4	-0.15
25.5	123.87	124.5	1.29	-0.2
25.58	124.13	124.53	1.2	-0.24
25.66	124.04	124.54	1.1	-0.28
25.74	123.96	124.53	0.98	-0.33
25.81	123.79	124.48	0.83	-0.39
25.89	124.13	124.49	0.74	-0.42
25.97	124.55	124.54	0.71	-0.42
26.05	123.79	124.48	0.56	-0.48

26.13	124.13	124.46	0.47	-0.5
26.21	124.13	124.45	0.37	-0.53
26.29	124.38	124.46	0.31	-0.54
26.37	124.21	124.44	0.23	-0.56
26.45	124.55	124.47	0.2	-0.55
26.52	124.13	124.43	0.1	-0.58
26.6	124.21	124.41	0.03	-0.6
26.68	124.38	124.4	-0.03	-0.6
26.76	124.13	124.36	-0.11	-0.62
26.84	123.7	124.25	-0.25	-0.66
26.92	123.53	124.13	-0.41	-0.71
27	124.3	124.13	-0.43	-0.7
27.07	124.38	124.13	-0.45	-0.68
27.15	124.38	124.13	-0.46	-0.66
27.23	124.63	124.17	-0.43	-0.62
27.31	123.96	124.11	-0.51	-0.63
27.39	123.79	124.03	-0.6	-0.65
27.47	124.8	124.1	-0.53	-0.59
27.55	124.88	124.17	-0.46	-0.53
27.63	124.3	124.16	-0.48	-0.52
27.71	123.96	124.1	-0.54	-0.53
27.78	124.13	124.06	-0.57	-0.53
27.86	124.38	124.07	-0.56	-0.5
27.94	124.88	124.15	-0.48	-0.44
28.02	124.13	124.11	-0.51	-0.44
28.1	124.04	124.07	-0.55	-0.44
28.18	124.21	124.05	-0.56	-0.43
28.25	123.87	123.99	-0.61	-0.44
28.33	124.55	124.03	-0.55	-0.39
28.41	124.3	124.03	-0.54	-0.37
28.49	124.63	124.08	-0.47	-0.32
28.57	124.13	124.05	-0.49	-0.32
28.65	123.79	123.98	-0.54	-0.33
28.73	124.04	123.95	-0.56	-0.32
28.81	124.55	124	-0.49	-0.28
28.89	124.38	124.02	-0.45	-0.25
28.97	124.38	124.04	-0.41	-0.22
29.04	123.87	123.99	-0.45	-0.23
29.12	124.38	124.02	-0.4	-0.2
29.2	124.3	124.03	-0.37	-0.17
29.28	124.04	124	-0.38	-0.17
29.36	124.13	124	-0.37	-0.16
29.44	124.21	124	-0.35	-0.14
29.51	124.38	124.03	-0.3	-0.11
29.59	124.13	124.03	-0.29	-0.11
29.67	124.13	124.02	-0.28	-0.1
29.75	124.13	124.02	-0.27	-0.09

29.83	124.38	124.05	-0.22	-0.06
29.91	124.21	124.06	-0.2	-0.05
29.99	124.3	124.08	-0.17	-0.03
30.07	124.46	124.12	-0.11	0
30.15	124.63	124.19	-0.04	0.04
30.22	123.53	124.09	-0.13	-0.01
30.3	124.72	124.17	-0.04	0.04
30.38	124.38	124.2	-0.01	0.05
30.46	124.3	124.21	0.01	0.06
30.54	123.96	124.18	-0.02	0.04
30.62	124.3	124.19	0	0.05
30.69	124.63	124.26	0.07	0.08
30.77	124.3	124.27	0.08	0.08
30.85	124.72	124.34	0.15	0.12
30.93	123.45	124.22	0.03	0.05
31.01	124.3	124.23	0.04	0.06
31.09	124.04	124.21	0.02	0.04
31.17	123.79	124.15	-0.04	0.01
31.25	124.46	124.19	0.01	0.03
31.33	124.55	124.24	0.06	0.06
31.4	124.04	124.22	0.04	0.04
31.48	124.46	124.26	0.07	0.06
31.56	124.38	124.28	0.1	0.07
31.64	123.79	124.21	0.03	0.03
31.72	124.04	124.19	0.01	0.02
31.8	123.87	124.14	-0.04	0
31.87	124.55	124.2	0.02	0.03
31.95	123.96	124.17	-0.01	0.01
32.03	124.55	124.22	0.04	0.04
32.11	124.55	124.27	0.09	0.06
32.19	124.38	124.29	0.11	0.07
32.27	124.13	124.28	0.09	0.06
32.38	124.8	124.37	0.18	0.1
32.46	124.55	124.41	0.21	0.11
32.54	124.38	124.42	0.21	0.1
32.62	124.38	124.42	0.21	0.1
32.7	124.3	124.42	0.2	0.09
32.77	124.3	124.41	0.18	0.08
32.85	123.87	124.35	0.11	0.04
32.93	124.13	124.32	0.08	0.02
33.01	124.46	124.35	0.1	0.03
33.09	124.04	124.31	0.06	0.01
33.17	123.87	124.25	-0.01	-0.02
33.24	123.62	124.16	-0.1	-0.07
33.32	124.04	124.13	-0.12	-0.08
33.4	124.13	124.12	-0.13	-0.08
33.48	124.3	124.14	-0.11	-0.06



33.56	124.38	124.17	-0.08	-0.05
33.65	123.79	124.1	-0.14	-0.07
33.73	123.62	124.02	-0.21	-0.11
33.81	124.04	124.01	-0.22	-0.11
33.88	124.21	124.03	-0.19	-0.09
33.96	124.21	124.04	-0.17	-0.08
34.04	124.3	124.07	-0.14	-0.06
34.12	124.21	124.08	-0.12	-0.04
34.2	124.46	124.13	-0.06	-0.02
34.28	124.8	124.22	0.03	0.03
34.36	124.3	124.23	0.05	0.04
34.43	124.3	124.25	0.06	0.04
34.51	123.62	124.16	-0.03	0
34.59	123.79	124.1	-0.08	-0.03
34.67	124.13	124.1	-0.08	-0.03
34.75	123.7	124.04	-0.14	-0.06
34.83	124.04	124.03	-0.14	-0.05
34.91	123.96	124.01	-0.16	-0.06
34.99	124.13	124.01	-0.14	-0.05
35.06	123.62	123.95	-0.2	-0.08
35.14	123.53	123.87	-0.27	-0.11
35.22	123.87	123.85	-0.27	-0.1
35.3	124.21	123.89	-0.22	-0.08
35.38	124.04	123.9	-0.2	-0.06
35.46	124.46	123.96	-0.12	-0.02
35.53	124.55	124.04	-0.04	0.02
35.61	124.55	124.11	0.04	0.06
35.69	124.38	124.15	0.08	0.08
35.77	124.38	124.19	0.12	0.09
35.85	124.38	124.23	0.15	0.11
35.93	124.46	124.27	0.19	0.12
36.01	124.21	124.28	0.19	0.12
36.09	124.13	124.27	0.17	0.1
36.17	124.3	124.28	0.18	0.11
36.25	124.3	124.3	0.19	0.11
36.32	124.38	124.32	0.21	0.11
36.4	124.55	124.37	0.25	0.13
36.48	124.55	124.41	0.28	0.14
36.56	124.21	124.4	0.26	0.12
36.64	124.3	124.4	0.25	0.11
36.72	123.96	124.36	0.19	0.08
36.79	124.3	124.36	0.19	0.07
36.87	124.21	124.35	0.17	0.06
36.95	123.96	124.31	0.11	0.03
37.03	124.55	124.35	0.15	0.05
37.11	124.13	124.33	0.12	0.03
37.19	124.63	124.38	0.16	0.05

37.27	124.63	124.43	0.2	0.07
37.35	124.55	124.46	0.22	0.08
37.43	124.38	124.46	0.22	0.07
37.5	124.63	124.5	0.24	0.08
37.58	124.38	124.5	0.23	0.07
37.66	124.63	124.53	0.25	0.08
37.74	124.38	124.53	0.23	0.07
37.82	124.3	124.51	0.2	0.05
37.9	124.3	124.49	0.17	0.03
37.97	124.46	124.5	0.17	0.03
38.05	124.46	124.5	0.16	0.02
38.13	124.3	124.49	0.13	0.01
38.21	124.3	124.47	0.1	-0.01
38.29	124.04	124.41	0.04	-0.04
38.37	124.3	124.4	0.02	-0.05
38.44	123.96	124.34	-0.05	-0.08
38.53	123.62	124.23	-0.16	-0.13
38.6	123.79	124.15	-0.23	-0.16
38.68	123.62	124.06	-0.32	-0.2
38.76	123.2	123.91	-0.46	-0.26
38.84	122.69	123.7	-0.65	-0.35
38.92	122.86	123.54	-0.79	-0.4
39	122.86	123.38	-0.91	-0.45
39.07	123.37	123.32	-0.94	-0.44
39.15	123.03	123.21	-1	-0.46
39.23	122.44	123.03	-1.14	-0.51
39.31	122.44	122.87	-1.25	-0.55
39.39	122.52	122.73	-1.33	-0.56
39.47	121.68	122.49	-1.51	-0.63
39.54	122.02	122.32	-1.61	-0.66
39.62	121.77	122.13	-1.73	-0.69
39.71	122.1	122	-1.77	-0.68
39.78	121.94	121.87	-1.81	-0.67
39.86	121.26	121.66	-1.93	-0.71
39.94	121.43	121.5	-2	-0.71
40.02	121.6	121.37	-2.01	-0.7
40.1	121.34	121.24	-2.05	-0.69
40.18	121.18	121.09	-2.09	-0.68
40.26	121.34	120.98	-2.08	-0.65
40.33	120.92	120.83	-2.12	-0.64
40.41	121.01	120.72	-2.12	-0.62
40.49	120.75	120.58	-2.13	-0.6
40.57	120.84	120.47	-2.12	-0.57
40.65	120.92	120.39	-2.07	-0.52
40.72	120.67	120.29	-2.05	-0.49
40.8	120	120.11	-2.11	-0.5
40.89	120.67	120.04	-2.04	-0.45

40.97	120.17	119.92	-2.04	-0.43
41.04	119.75	119.76	-2.07	-0.43
41.12	120	119.65	-2.05	-0.4
41.2	120	119.56	-2	-0.36
41.28	119.83	119.47	-1.97	-0.33
41.36	119.75	119.37	-1.93	-0.3
41.44	120	119.34	-1.84	-0.24
41.52	119.24	119.2	-1.86	-0.24
41.59	119.58	119.13	-1.8	-0.2
41.67	119.07	119	-1.8	-0.2
41.75	118.82	118.85	-1.82	-0.2
41.83	118.73	118.71	-1.84	-0.2
41.91	118.65	118.58	-1.84	-0.19
41.99	119.66	118.61	-1.68	-0.1
42.1	118.06	118.37	-1.74	-0.13
42.17	118.73	118.31	-1.68	-0.09
42.25	117.89	118.13	-1.73	-0.11
42.33	117.64	117.94	-1.79	-0.14
42.41	117.98	117.83	-1.77	-0.13
42.49	117.39	117.64	-1.83	-0.15
42.57	117.72	117.53	-1.81	-0.13
42.65	117.47	117.4	-1.81	-0.13
42.72	117.64	117.31	-1.76	-0.1
42.8	117.39	117.21	-1.74	-0.08
42.88	117.13	117.08	-1.73	-0.08
42.96	116.71	116.91	-1.77	-0.1
43.04	117.13	116.82	-1.73	-0.07
43.12	116.46	116.66	-1.77	-0.09
43.2	116.8	116.56	-1.73	-0.06
43.27	116.29	116.4	-1.76	-0.07
43.36	117.05	116.37	-1.65	-0.02
43.44	116.8	116.32	-1.57	0.03
43.51	116.29	116.21	-1.55	0.03
43.59	116.55	116.16	-1.48	0.07
43.67	117.13	116.2	-1.32	0.15
43.75	116.38	116.14	-1.27	0.17
43.83	116.38	116.09	-1.2	0.19
43.91	116.29	116.04	-1.15	0.21
43.98	116.63	116.05	-1.03	0.26
44.06	116.04	115.98	-1	0.27
44.14	116.29	115.96	-0.92	0.3
44.22	116.21	115.93	-0.85	0.32
44.3	116.04	115.89	-0.8	0.33
44.38	115.87	115.84	-0.77	0.33
44.46	116.12	115.83	-0.69	0.36
44.54	116.46	115.87	-0.56	0.41
44.62	115.96	115.85	-0.51	0.42

44.7	116.12	115.86	-0.43	0.44
44.77	116.55	115.93	-0.29	0.5
44.85	115.7	115.88	-0.28	0.48
44.93	115.96	115.87	-0.23	0.49
45.01	116.12	115.89	-0.15	0.51
45.09	116.29	115.94	-0.05	0.54
45.17	116.29	115.99	0.04	0.56
45.24	116.21	116.03	0.11	0.58
45.32	115.96	116.03	0.15	0.57
45.4	116.38	116.09	0.24	0.6
45.48	116.63	116.18	0.36	0.63
45.56	116.12	116.2	0.4	0.63
45.64	116.21	116.23	0.45	0.63
45.71	116.21	116.26	0.48	0.62
45.8	116.04	116.26	0.5	0.6
45.88	116.12	116.28	0.52	0.59
45.96	115.96	116.27	0.51	0.56
46.03	116.12	116.28	0.53	0.55
46.11	116.38	116.33	0.58	0.55
46.19	116.88	116.45	0.7	0.59
46.27	116.88	116.56	0.8	0.62
46.35	116.38	116.59	0.81	0.6
46.43	116.04	116.57	0.76	0.55
46.5	116.12	116.55	0.73	0.52
46.58	115.96	116.52	0.68	0.47
46.66	116.12	116.51	0.65	0.44
46.74	116.29	116.52	0.65	0.42
46.82	116.38	116.54	0.65	0.4
46.9	116.38	116.56	0.65	0.39
46.97	116.63	116.62	0.68	0.39
47.06	116.63	116.67	0.71	0.38
47.13	116.55	116.7	0.71	0.37
47.21	116.12	116.66	0.65	0.32
47.29	116.29	116.65	0.61	0.29
47.37	116.55	116.68	0.61	0.28
47.45	116.38	116.68	0.58	0.26
47.53	116.38	116.67	0.55	0.23
47.61	116.29	116.66	0.51	0.2
47.68	116.21	116.62	0.45	0.16
47.76	116.46	116.63	0.44	0.15
47.84	116.21	116.6	0.38	0.12
47.92	116.38	116.59	0.35	0.1
48	116.38	116.59	0.33	0.08
48.08	116.38	116.58	0.3	0.06
48.15	116.04	116.52	0.22	0.02
48.23	116.12	116.48	0.16	-0.01
48.31	116.38	116.47	0.15	-0.02

48.39	116.04	116.42	0.08	-0.05
48.47	116.38	116.42	0.07	-0.05
48.55	116.21	116.39	0.03	-0.07
48.63	116.63	116.43	0.06	-0.05
48.71	116.21	116.4	0.03	-0.07
48.79	115.96	116.34	-0.04	-0.1
48.86	116.12	116.3	-0.08	-0.11
48.94	116.63	116.34	-0.04	-0.09
49.02	116.29	116.33	-0.06	-0.09
49.1	115.87	116.26	-0.13	-0.13
49.18	115.79	116.18	-0.21	-0.16
49.26	116.55	116.22	-0.17	-0.13
49.33	116.12	116.2	-0.19	-0.14
49.41	116.12	116.17	-0.21	-0.14
49.5	115.79	116.1	-0.27	-0.17
49.57	116.55	116.15	-0.22	-0.14
49.65	115.87	116.09	-0.27	-0.16
49.73	116.63	116.15	-0.2	-0.11
49.81	115.96	116.11	-0.23	-0.13
49.88	115.79	116.05	-0.29	-0.15
49.97	115.79	115.99	-0.33	-0.17
50.04	116.12	115.99	-0.32	-0.16
50.12	115.87	115.95	-0.35	-0.16
50.2	116.04	115.94	-0.34	-0.15
50.28	116.04	115.93	-0.34	-0.14
50.36	116.63	116.01	-0.24	-0.09
50.44	116.12	116.01	-0.23	-0.08
50.51	116.38	116.04	-0.18	-0.05
50.59	115.96	116.02	-0.2	-0.06
50.68	116.29	116.05	-0.16	-0.04
50.75	116.29	116.07	-0.12	-0.02
50.83	116.04	116.06	-0.13	-0.02
50.91	116.8	116.16	-0.02	0.03
50.99	116.46	116.2	0.03	0.06
51.07	116.38	116.23	0.06	0.07
51.15	116.38	116.25	0.08	0.08
51.22	115.96	116.22	0.04	0.06
51.3	115.45	116.11	-0.06	0
51.38	116.29	116.13	-0.04	0.02
51.46	115.62	116.05	-0.11	-0.02
51.54	116.97	116.18	0.02	0.05
51.62	115.96	116.15	0	0.03
51.69	116.12	116.14	-0.01	0.03
51.77	115.79	116.09	-0.06	0
51.85	115.11	115.95	-0.2	-0.07
51.97	116.21	115.97	-0.16	-0.05
52.05	115.7	115.92	-0.2	-0.07

52.13	116.38	115.97	-0.14	-0.03
52.21	116.21	116	-0.1	-0.01
52.28	116.38	116.05	-0.04	0.02
52.36	115.87	116.02	-0.07	0
52.44	115.96	116	-0.08	0
52.52	115.96	115.99	-0.08	0
52.6	116.29	116.03	-0.04	0.02
52.68	116.12	116.04	-0.02	0.03
52.76	115.96	116.03	-0.03	0.02
52.83	115.96	116.02	-0.04	0.01
52.91	115.79	115.98	-0.07	0
52.99	116.12	116	-0.05	0.01
53.07	115.96	115.99	-0.06	0.01
53.15	115.79	115.95	-0.08	-0.01
53.23	115.62	115.9	-0.13	-0.03
53.31	115.79	115.87	-0.15	-0.04
53.39	116.04	115.89	-0.13	-0.03
53.47	116.04	115.9	-0.11	-0.01
53.54	116.29	115.95	-0.05	0.02
53.62	115.96	115.95	-0.05	0.02
53.7	115.79	115.92	-0.07	0
53.78	115.96	115.92	-0.06	0.01
53.86	116.04	115.93	-0.04	0.02
53.94	115.7	115.9	-0.08	0
54.01	116.12	115.93	-0.04	0.02
54.09	115.79	115.9	-0.06	0.01
54.17	115.79	115.88	-0.08	0
54.25	116.46	115.96	0.01	0.04
54.33	115.96	115.96	0.01	0.04
54.41	116.21	116	0.05	0.06
54.49	115.79	115.97	0.02	0.04
54.57	116.38	116.03	0.09	0.07
54.65	115.96	116.03	0.08	0.07
54.72	115.79	116	0.05	0.05
54.8	116.71	116.11	0.16	0.1
54.88	116.29	116.14	0.19	0.11
54.96	115.96	116.13	0.17	0.1
55.04	115.62	116.07	0.1	0.06
55.12	116.55	116.14	0.17	0.09
55.2	116.29	116.18	0.2	0.1
55.27	115.7	116.12	0.14	0.07
55.35	115.87	116.09	0.11	0.05
55.43	115.96	116.08	0.09	0.04
55.51	116.21	116.11	0.11	0.05
55.59	115.2	115.98	-0.02	-0.02
55.67	115.79	115.95	-0.05	-0.03
55.75	115.87	115.94	-0.06	-0.04

55.83	115.53	115.87	-0.13	-0.07
55.9	115.45	115.8	-0.19	-0.1
55.98	115.53	115.75	-0.24	-0.12
56.06	115.37	115.68	-0.3	-0.14
56.14	115.37	115.61	-0.35	-0.16
56.22	114.78	115.47	-0.48	-0.22
56.3	115.45	115.43	-0.5	-0.22
56.38	115.2	115.36	-0.54	-0.23
56.45	115.11	115.29	-0.59	-0.25
56.53	114.35	115.11	-0.74	-0.31
56.61	114.52	114.98	-0.84	-0.35
56.69	114.61	114.87	-0.91	-0.38
56.77	114.19	114.7	-1.03	-0.42
56.85	114.35	114.58	-1.1	-0.44
56.93	113.6	114.36	-1.27	-0.5
57.01	113.93	114.21	-1.35	-0.53
57.09	113.77	114.06	-1.45	-0.55
57.17	113.6	113.89	-1.54	-0.58
57.24	113.6	113.74	-1.61	-0.59
57.32	113.51	113.6	-1.67	-0.6
57.4	113.18	113.43	-1.76	-0.62
57.48	113.43	113.31	-1.79	-0.61
57.56	113.85	113.27	-1.73	-0.56
57.64	112.67	113.06	-1.84	-0.59
57.71	112.34	112.83	-1.97	-0.63
57.79	112.59	112.66	-2.04	-0.64
57.87	112.59	112.51	-2.07	-0.63
57.96	112.67	112.39	-2.08	-0.61
58.03	111.92	112.18	-2.17	-0.63
58.11	112.08	112.02	-2.21	-0.63
58.19	111.49	111.79	-2.31	-0.65
58.27	111.92	111.65	-2.31	-0.63
58.35	111.58	111.49	-2.35	-0.62
58.43	112.08	111.41	-2.28	-0.56
58.5	111.41	111.26	-2.3	-0.55
58.58	111.33	111.11	-2.31	-0.53
58.66	111.75	111.05	-2.23	-0.47
58.74	111.33	110.94	-2.2	-0.44
58.82	110.99	110.8	-2.2	-0.42
58.9	111.16	110.7	-2.16	-0.38
58.97	111.33	110.65	-2.07	-0.33
59.05	110.31	110.46	-2.12	-0.34
59.14	110.15	110.26	-2.17	-0.35
59.21	109.98	110.08	-2.22	-0.36
59.29	110.15	109.94	-2.21	-0.34
59.37	109.89	109.78	-2.21	-0.33
59.45	109.98	109.66	-2.19	-0.3

59.53	109.98	109.56	-2.14	-0.27
59.6	109.89	109.47	-2.09	-0.23
59.68	109.47	109.32	-2.08	-0.22
59.76	109.14	109.16	-2.1	-0.22
59.84	108.97	108.99	-2.12	-0.22
59.92	108.97	108.84	-2.12	-0.21
60	108.89	108.71	-2.1	-0.2
60.08	108.63	108.55	-2.11	-0.19
60.15	108.38	108.39	-2.12	-0.19
60.23	108.63	108.28	-2.08	-0.16
60.32	108.97	108.23	-1.96	-0.1
60.4	108.63	108.16	-1.89	-0.06
60.47	108.3	108.05	-1.85	-0.03
60.55	108.3	107.97	-1.8	-0.01
60.63	108.05	107.86	-1.77	0.01
60.71	108.13	107.78	-1.71	0.04
60.79	107.62	107.64	-1.71	0.04
60.87	107.29	107.47	-1.74	0.02
60.94	107.2	107.32	-1.75	0.01
61.02	106.7	107.11	-1.82	-0.02
61.1	107.12	106.99	-1.8	-0.01
61.18	106.7	106.83	-1.83	-0.02
61.26	106.53	106.66	-1.85	-0.03
61.34	106.28	106.48	-1.89	-0.05
61.42	106.36	106.34	-1.89	-0.05
61.49	106.28	106.2	-1.88	-0.04
61.61	105.61	105.92	-1.94	-0.07
61.69	106.03	105.81	-1.91	-0.05
61.77	105.77	105.68	-1.89	-0.04
61.85	105.35	105.5	-1.92	-0.06
61.93	105.52	105.38	-1.9	-0.04
62.01	105.27	105.23	-1.9	-0.04
62.08	104.76	105.04	-1.95	-0.06
62.16	105.1	104.91	-1.92	-0.05
62.24	104.51	104.73	-1.96	-0.07
62.32	104.51	104.56	-1.98	-0.07
62.4	104.26	104.39	-2	-0.08
62.48	104.26	104.23	-2	-0.08
62.56	104.34	104.12	-1.97	-0.06
62.63	104.26	104	-1.93	-0.04
62.71	104.01	103.88	-1.91	-0.03
62.79	104.09	103.77	-1.86	0
62.87	104.01	103.68	-1.8	0.03
62.95	103.42	103.52	-1.82	0.02
63.03	103.17	103.35	-1.85	0.01
63.11	103.17	103.2	-1.85	0
63.19	103.59	103.13	-1.77	0.04



63.27	103.75	103.1	-1.66	0.1
63.35	103.25	103.01	-1.61	0.12
63.42	103.67	103	-1.49	0.18
63.5	103.84	103.03	-1.33	0.25
63.58	103.08	102.95	-1.29	0.26
63.66	103.17	102.89	-1.22	0.28
63.74	103.33	102.88	-1.12	0.32
63.82	103.33	102.87	-1.01	0.36
63.89	102.58	102.76	-1.02	0.35
63.98	103.67	102.82	-0.84	0.42
64.06	103.67	102.89	-0.67	0.49
64.13	103.59	102.95	-0.52	0.54
64.21	103.17	102.95	-0.44	0.56
64.29	103.17	102.95	-0.36	0.58
64.37	103.42	103	-0.25	0.62
64.45	102.41	102.9	-0.28	0.57
64.53	103.17	102.92	-0.19	0.6
64.61	103.67	103.02	-0.03	0.65
64.68	103.42	103.08	0.07	0.68
64.76	102.66	103.02	0.07	0.65
64.84	103.17	103.05	0.14	0.66
64.92	102.66	103	0.13	0.63
65	103	103.01	0.18	0.63
65.08	102.58	102.96	0.16	0.6
65.15	102.91	102.97	0.2	0.59
65.24	102.91	102.98	0.24	0.59
65.32	103	103	0.28	0.59
65.39	103.59	103.1	0.41	0.63
65.47	102.66	103.07	0.39	0.59
65.55	102.66	103.04	0.38	0.56
65.63	103.67	103.16	0.51	0.61
65.71	102.66	103.12	0.48	0.57
65.79	103.25	103.17	0.53	0.57
65.86	103.08	103.2	0.56	0.56
65.94	103.17	103.23	0.59	0.56
66.02	102.83	103.21	0.57	0.53
66.1	103	103.22	0.57	0.51
66.18	103.33	103.28	0.62	0.51
66.26	103.33	103.33	0.66	0.51
66.34	102.66	103.28	0.6	0.46
66.41	103.42	103.34	0.65	0.47
66.5	103	103.34	0.63	0.44
66.58	103	103.33	0.61	0.41
66.65	102.83	103.3	0.56	0.37
66.73	103	103.29	0.54	0.34
66.81	102.66	103.24	0.47	0.29
66.89	102.66	103.19	0.4	0.25

66.97	102.49	103.11	0.31	0.2
67.05	102.66	103.07	0.26	0.16
67.13	102.66	103.03	0.21	0.13
67.2	103.08	103.05	0.23	0.13
67.28	103.08	103.07	0.24	0.13
67.36	103.08	103.09	0.25	0.13
67.44	103.08	103.1	0.25	0.13
67.52	102.83	103.08	0.22	0.11
67.6	102.66	103.04	0.17	0.08
67.68	103.25	103.08	0.2	0.09
67.76	103	103.08	0.2	0.09
67.84	103.17	103.11	0.21	0.09
67.91	102.91	103.09	0.19	0.08
67.99	102.66	103.04	0.13	0.04
68.07	103.17	103.07	0.15	0.05
68.15	103.17	103.09	0.17	0.06
68.23	102.58	103.03	0.09	0.02
68.31	103.08	103.04	0.1	0.02
68.38	103.42	103.11	0.16	0.05
68.46	103.33	103.15	0.19	0.06
68.54	103.08	103.15	0.19	0.06
68.62	102.75	103.11	0.13	0.03
68.7	103.08	103.11	0.13	0.03
68.78	103.92	103.24	0.24	0.08
68.86	103	103.22	0.21	0.07
68.93	103.08	103.21	0.2	0.05
69.02	102.83	103.17	0.14	0.02
69.09	103	103.16	0.12	0.01
69.17	102.66	103.09	0.04	-0.03
69.25	102.66	103.03	-0.02	-0.06
69.33	102.66	102.98	-0.08	-0.08
69.41	103	102.98	-0.08	-0.08
69.49	102.91	102.96	-0.1	-0.09
69.56	103.17	102.98	-0.07	-0.07
69.64	102.58	102.92	-0.13	-0.1
69.72	102.83	102.9	-0.15	-0.1
69.8	103	102.9	-0.15	-0.1
69.88	102.75	102.87	-0.17	-0.11
69.96	102.66	102.83	-0.21	-0.12
70.04	102.83	102.81	-0.22	-0.12
70.11	102.41	102.74	-0.28	-0.15
70.2	102.58	102.7	-0.31	-0.16
70.28	102.91	102.71	-0.29	-0.14
70.35	102.91	102.72	-0.27	-0.12
70.43	102.91	102.73	-0.25	-0.11
70.51	103.08	102.76	-0.2	-0.08
70.59	102.49	102.71	-0.24	-0.1

70.67	103	102.73	-0.21	-0.08
70.75	102.75	102.72	-0.21	-0.07
70.82	103.25	102.79	-0.13	-0.03
70.9	103.08	102.82	-0.09	-0.01
70.98	102.91	102.83	-0.08	0
71.06	103.17	102.87	-0.03	0.02
71.14	102.83	102.86	-0.03	0.02
71.22	102.83	102.86	-0.04	0.02
71.3	102.91	102.86	-0.03	0.02
71.42	103.08	102.89	0.01	0.04
71.49	103.33	102.96	0.08	0.07
71.57	103.17	103	0.12	0.09
71.65	103.5	103.08	0.2	0.12
71.73	102.83	103.06	0.17	0.1
71.81	102.83	103.04	0.14	0.09
71.88	102.41	102.95	0.05	0.04
71.96	102.83	102.94	0.04	0.03
72.04	102.75	102.91	0.01	0.01
72.12	103.08	102.94	0.04	0.03
72.2	103.17	102.97	0.07	0.04
72.27	102.83	102.96	0.05	0.03
72.36	102.58	102.91	0	0
72.43	102.66	102.87	-0.04	-0.01
72.51	102.75	102.85	-0.05	-0.02
72.59	102.66	102.82	-0.08	-0.04
72.68	102.75	102.8	-0.1	-0.04
72.76	102.91	102.81	-0.08	-0.03
72.84	102.83	102.81	-0.08	-0.03
72.92	103.08	102.84	-0.04	-0.01
73	103	102.86	-0.02	0
73.07	102.83	102.86	-0.02	0
73.15	103.17	102.9	0.02	0.02
73.23	103	102.92	0.04	0.03
73.31	102.32	102.83	-0.05	-0.01
73.39	103.08	102.87	-0.01	0
73.47	102.66	102.84	-0.04	-0.01
73.54	103.08	102.87	0	0.01
73.62	102.91	102.88	0	0.01
73.7	102.49	102.82	-0.05	-0.02
73.78	102.83	102.82	-0.05	-0.02
73.86	103	102.84	-0.03	0
73.94	102.66	102.81	-0.05	-0.01
74.02	103.08	102.85	-0.01	0.01
74.1	103.17	102.9	0.04	0.03
74.18	102.91	102.9	0.04	0.03
74.25	102.83	102.89	0.03	0.02
74.33	102.91	102.9	0.04	0.03

74.41	102.91	102.9	0.04	0.03
74.49	103.25	102.96	0.09	0.05
74.57	103.17	102.99	0.13	0.07
74.65	103	103	0.13	0.07
74.73	102.91	103	0.12	0.06
74.8	102.91	102.99	0.11	0.05
74.88	102.83	102.98	0.09	0.04
74.96	102.58	102.93	0.03	0.01
75.04	103.25	102.98	0.08	0.03
75.12	102.91	102.97	0.07	0.03
75.2	103.08	102.99	0.09	0.04
75.28	103.25	103.04	0.13	0.05
75.36	103.08	103.05	0.14	0.06
75.44	103.17	103.08	0.16	0.06
75.51	103.08	103.09	0.16	0.06
75.59	103.33	103.14	0.2	0.08
75.67	103.08	103.14	0.2	0.08
75.75	103.17	103.16	0.21	0.08
75.83	102.75	103.11	0.15	0.04
75.91	103.17	103.13	0.16	0.05
75.98	103.25	103.16	0.18	0.06
76.06	102.41	103.06	0.07	0
76.14	102.66	103.01	0.01	-0.03
76.22	102.83	102.98	-0.02	-0.04
76.3	102.75	102.95	-0.05	-0.06
76.38	102.58	102.89	-0.11	-0.09
76.46	102.75	102.86	-0.14	-0.1
76.54	102.16	102.75	-0.25	-0.15
76.62	102.24	102.66	-0.33	-0.18
76.7	102.58	102.62	-0.35	-0.19
76.78	102.41	102.57	-0.39	-0.2
76.85	102.24	102.49	-0.45	-0.22
76.93	102.49	102.46	-0.47	-0.22
77.01	101.99	102.36	-0.55	-0.25
77.09	102.07	102.28	-0.6	-0.27
77.17	101.9	102.19	-0.67	-0.29
77.25	101.82	102.09	-0.74	-0.32
77.32	101.48	101.95	-0.84	-0.35
77.4	101.57	101.84	-0.92	-0.38
77.48	101.9	101.78	-0.92	-0.37
77.56	101.32	101.65	-1.01	-0.4
77.64	100.98	101.48	-1.13	-0.44
77.72	101.4	101.39	-1.16	-0.44
77.8	100.98	101.25	-1.24	-0.46
77.88	100.39	101.04	-1.39	-0.52
77.96	100.81	100.92	-1.45	-0.53
78.04	100.31	100.73	-1.56	-0.56

78.11	100.14	100.54	-1.67	-0.6
78.19	99.97	100.34	-1.78	-0.63
78.27	100.31	100.21	-1.82	-0.62
78.35	99.72	100.02	-1.92	-0.64
78.43	99.89	99.87	-1.96	-0.64
78.51	99.89	99.74	-1.99	-0.63
78.58	99.38	99.55	-2.07	-0.64
78.66	99.55	99.41	-2.09	-0.63
78.74	99.55	99.29	-2.1	-0.61
78.82	99.21	99.13	-2.13	-0.6
78.9	99.13	98.98	-2.16	-0.59
78.98	99.13	98.86	-2.16	-0.57
79.06	99.13	98.76	-2.14	-0.54
79.14	99.13	98.66	-2.1	-0.5
79.22	98.63	98.52	-2.12	-0.49
79.29	98.88	98.43	-2.08	-0.45
79.37	98.79	98.34	-2.04	-0.41
79.45	98.88	98.28	-1.97	-0.36
79.53	98.37	98.16	-1.96	-0.34
79.61	98.37	98.06	-1.94	-0.32
79.69	98.54	98	-1.87	-0.27
79.76	98.71	97.98	-1.77	-0.21
79.84	98.46	97.93	-1.69	-0.16
79.92	98.63	97.92	-1.58	-0.1
80	98.37	97.88	-1.51	-0.06
80.08	98.12	97.8	-1.46	-0.03
80.16	98.21	97.77	-1.39	0.01
80.24	98.04	97.71	-1.33	0.03
80.32	98.29	97.71	-1.23	0.08
80.4	98.12	97.69	-1.15	0.12
80.48	98.29	97.7	-1.04	0.17
80.55	98.04	97.68	-0.96	0.2
80.63	97.87	97.64	-0.91	0.22
80.71	98.21	97.66	-0.8	0.27
80.79	98.37	97.72	-0.66	0.32
80.87	98.46	97.78	-0.52	0.38
80.95	98.12	97.8	-0.44	0.41
81.02	98.29	97.84	-0.33	0.45
81.1	98.21	97.87	-0.24	0.47
81.18	98.54	97.95	-0.1	0.53
81.26	98.37	98.01	0	0.56
81.37	98.37	98.07	0.12	0.58
81.45	97.79	98.04	0.12	0.56
81.53	98.63	98.13	0.25	0.6
81.61	98.54	98.21	0.36	0.63
81.68	98.29	98.25	0.41	0.64
81.76	98.54	98.32	0.5	0.66

81.84	97.79	98.28	0.47	0.61
81.92	98.21	98.3	0.5	0.61
82	98.71	98.4	0.6	0.63
82.08	97.95	98.37	0.58	0.6
82.15	98.37	98.41	0.62	0.59
82.23	98.54	98.48	0.68	0.6
82.31	98.21	98.48	0.68	0.58
82.39	98.54	98.54	0.72	0.58
82.47	98.12	98.53	0.7	0.54
82.55	98.54	98.58	0.74	0.54
82.62	98.54	98.62	0.76	0.53
82.71	97.95	98.58	0.7	0.48
82.79	98.37	98.6	0.7	0.46
82.86	98.21	98.59	0.67	0.42
82.94	98.54	98.63	0.69	0.42
83.02	98.37	98.64	0.67	0.39
83.1	98.37	98.65	0.66	0.37
83.18	98.37	98.65	0.64	0.35
83.26	98.12	98.62	0.58	0.31
83.33	98.21	98.6	0.54	0.27
83.41	97.95	98.54	0.46	0.22
83.49	98.12	98.51	0.41	0.19
83.57	98.21	98.49	0.38	0.16
83.65	98.54	98.53	0.39	0.16
83.73	97.87	98.46	0.3	0.11
83.8	98.29	98.45	0.29	0.1
83.88	98.37	98.46	0.28	0.09
4.05	97.87	97.82	-0.24	-0.07
4.13	98.12	97.88	-0.13	0.01
4.21	97.87	97.87	-0.13	0.01
4.29	98.37	97.98	0.05	0.12
4.37	98.46	98.09	0.22	0.21
4.45	98.04	98.09	0.21	0.2
4.53	98.46	98.19	0.33	0.26
4.61	98.21	98.21	0.35	0.26
4.68	97.53	98.09	0.18	0.15
4.76	98.21	98.13	0.22	0.17
4.84	98.29	98.17	0.27	0.19
4.92	98.12	98.18	0.26	0.18
5	98.04	98.17	0.24	0.16
5.07	98.46	98.24	0.31	0.19
5.15	98.21	98.25	0.31	0.18
5.23	98.21	98.27	0.31	0.17
5.31	98.04	98.25	0.27	0.15
5.39	98.12	98.24	0.26	0.13
5.47	98.04	98.23	0.23	0.11
5.54	98.21	98.24	0.23	0.11

5.62	98.29	98.26	0.24	0.11
5.71	98.21	98.27	0.24	0.11
5.78	97.87	98.22	0.17	0.07
5.86	98.04	98.2	0.15	0.06
5.94	97.95	98.17	0.11	0.04
6.02	97.87	98.13	0.06	0.01
6.09	98.12	98.13	0.06	0.01
6.17	98.04	98.12	0.04	0
6.25	98.46	98.18	0.1	0.03
6.33	98.29	98.2	0.12	0.04
6.41	98.37	98.24	0.14	0.05
6.49	98.46	98.28	0.18	0.06
6.57	98.29	98.29	0.18	0.06
6.65	98.71	98.37	0.25	0.09
6.72	98.04	98.34	0.2	0.07
6.8	98.54	98.38	0.24	0.08
6.88	98.29	98.38	0.23	0.07
6.96	98.12	98.36	0.19	0.05
7.04	99.05	98.47	0.3	0.1
7.12	98.96	98.57	0.37	0.14
7.2	98.79	98.63	0.41	0.15
7.28	99.13	98.73	0.49	0.18
7.36	98.63	98.75	0.49	0.17
7.43	99.13	98.84	0.55	0.2
7.51	98.88	98.88	0.57	0.2
7.59	99.47	99	0.66	0.24
7.67	99.13	99.07	0.69	0.24
7.75	99.38	99.16	0.75	0.26
7.83	99.97	99.33	0.88	0.32
7.9	99.72	99.44	0.95	0.34
7.98	100.05	99.6	1.05	0.38
8.06	100.22	99.76	1.16	0.42
8.14	99.97	99.87	1.21	0.43
8.22	100.39	100.03	1.31	0.46
8.3	100.05	100.12	1.33	0.45
8.37	100.56	100.27	1.42	0.48
8.46	100.48	100.41	1.47	0.48
8.54	101.15	100.61	1.6	0.53
8.61	100.81	100.75	1.65	0.53
8.69	100.73	100.86	1.67	0.52
8.77	101.23	101.03	1.75	0.54
8.85	101.32	101.19	1.81	0.55
8.93	101.06	101.3	1.81	0.53
9.01	100.98	101.37	1.79	0.5
9.09	101.65	101.53	1.85	0.51
9.16	101.48	101.65	1.86	0.49
9.24	101.65	101.78	1.88	0.48

9.32	101.82	101.91	1.9	0.48
9.4	101.9	102.04	1.91	0.46
9.48	102.07	102.17	1.93	0.46
9.56	102.41	102.34	1.98	0.46
9.64	102.41	102.48	2	0.46
9.71	102.49	102.62	2.02	0.44
9.83	102.66	102.83	2.04	0.43
9.91	103	102.99	2.08	0.43
9.99	103.08	103.14	2.1	0.42
10.07	103.25	103.3	2.12	0.42
10.15	102.91	103.39	2.07	0.38
10.23	103.25	103.51	2.06	0.36
10.3	103.25	103.6	2.02	0.33
10.38	103.67	103.75	2.04	0.32
10.46	103.5	103.85	2	0.29
10.54	104.17	104.03	2.05	0.3
10.62	103.92	104.15	2.03	0.28
10.7	104.43	104.33	2.07	0.29
10.77	104.34	104.47	2.07	0.28
10.85	104.43	104.61	2.06	0.26
10.93	104.76	104.77	2.08	0.26
11.01	105.02	104.94	2.11	0.27
11.09	104.76	105.07	2.08	0.24
11.17	104.6	105.14	2.01	0.2
11.25	104.76	105.22	1.95	0.16
11.33	104.68	105.27	1.86	0.1
11.41	105.18	105.38	1.83	0.09
11.49	105.18	105.48	1.79	0.06
11.56	105.44	105.59	1.76	0.05
11.64	105.94	105.76	1.8	0.06
11.72	105.94	105.91	1.81	0.07
11.8	105.94	106.03	1.8	0.06
11.88	106.19	106.18	1.81	0.06
11.96	106.53	106.35	1.84	0.08
12.04	106.53	106.5	1.85	0.08
12.11	107.29	106.74	1.95	0.13
12.19	106.62	106.85	1.92	0.1
12.27	107.2	107.03	1.96	0.12
12.35	107.37	107.22	2	0.13
12.43	107.71	107.43	2.05	0.16
12.51	107.62	107.59	2.07	0.16
12.59	107.37	107.7	2.03	0.13
12.67	107.88	107.86	2.04	0.13
12.75	108.3	108.06	2.09	0.15
12.82	108.38	108.25	2.13	0.16
12.9	108.13	108.37	2.1	0.14
12.98	108.47	108.53	2.1	0.14



13.06	108.8	108.71	2.12	0.14
13.14	108.72	108.85	2.11	0.13
13.22	108.63	108.96	2.07	0.11
13.3	109.14	109.13	2.08	0.11
13.37	108.97	109.24	2.04	0.08
13.45	109.22	109.38	2.02	0.07
13.53	109.05	109.46	1.95	0.04
13.61	108.97	109.53	1.86	-0.01
13.69	109.22	109.61	1.79	-0.05
13.77	109.81	109.76	1.8	-0.04
13.85	109.47	109.84	1.73	-0.07
13.93	110.06	109.99	1.74	-0.07
14.01	110.15	110.13	1.74	-0.06
14.09	110.15	110.25	1.72	-0.07
14.16	110.31	110.37	1.7	-0.08
14.24	110.57	110.51	1.7	-0.07
14.32	110.31	110.6	1.65	-0.1
14.4	111.07	110.78	1.69	-0.07
14.48	110.65	110.87	1.65	-0.09
14.56	111.16	111.02	1.67	-0.08
14.64	111.24	111.17	1.67	-0.07
14.71	111.41	111.32	1.68	-0.07
14.79	111.66	111.48	1.71	-0.05
14.88	111.33	111.58	1.66	-0.07
14.96	111.33	111.65	1.6	-0.1
15.03	111.75	111.77	1.59	-0.1
15.11	112.76	112.02	1.7	-0.04
15.19	112.59	112.22	1.76	-0.01
15.27	112.08	112.32	1.72	-0.03
15.35	112.59	112.47	1.74	-0.02
15.43	112.34	112.57	1.7	-0.04
15.5	112.84	112.72	1.72	-0.03
15.58	112.59	112.82	1.68	-0.05
15.66	113.18	112.98	1.71	-0.03
15.74	113.51	113.17	1.76	0
15.82	113.09	113.28	1.73	-0.02
15.9	113.6	113.44	1.75	0
15.97	113.35	113.55	1.72	-0.02
16.06	112.93	113.58	1.61	-0.08
16.13	113.18	113.62	1.52	-0.12
16.22	113.68	113.74	1.5	-0.12
16.3	113.85	113.86	1.49	-0.12
16.37	113.85	113.95	1.47	-0.13
16.45	113.6	114	1.39	-0.16
16.53	114.02	114.1	1.36	-0.17
16.61	114.69	114.27	1.42	-0.13
16.69	114.61	114.42	1.44	-0.12

16.77	115.03	114.6	1.51	-0.08
16.84	114.44	114.68	1.46	-0.1
16.92	114.61	114.77	1.42	-0.12
17	115.03	114.9	1.44	-0.1
17.08	114.94	115	1.42	-0.11
17.16	114.78	115.06	1.36	-0.13
17.24	115.79	115.26	1.44	-0.09
17.32	115.28	115.36	1.42	-0.1
17.4	115.37	115.46	1.4	-0.1
17.48	115.7	115.59	1.41	-0.09
17.56	115.87	115.72	1.42	-0.08
17.63	115.45	115.78	1.36	-0.11
17.71	115.96	115.9	1.36	-0.11
17.79	116.12	116.02	1.37	-0.1
17.87	116.21	116.14	1.38	-0.09
17.95	116.21	116.24	1.36	-0.09
18.03	116.63	116.39	1.4	-0.07
18.11	117.05	116.58	1.47	-0.03
18.19	116.88	116.72	1.5	-0.02
18.26	117.3	116.9	1.56	0.01
18.34	117.05	117.03	1.57	0.02
18.42	117.39	117.19	1.6	0.03
18.5	117.72	117.38	1.66	0.06
18.58	117.81	117.56	1.71	0.08
18.66	118.06	117.75	1.77	0.11
18.74	117.89	117.89	1.78	0.11
18.82	118.14	118.04	1.81	0.12
18.9	118.23	118.19	1.82	0.12
18.98	118.06	118.29	1.79	0.1
19.05	118.4	118.43	1.8	0.1
19.13	119.32	118.68	1.91	0.16
19.21	118.65	118.81	1.9	0.14
19.29	119.16	118.98	1.94	0.16
19.37	119.41	119.17	1.99	0.18
19.45	119.16	119.31	1.98	0.16
19.53	119.16	119.42	1.95	0.14
19.6	119.49	119.56	1.95	0.14
19.68	119.16	119.63	1.88	0.09
19.8	119.58	119.81	1.84	0.07
19.88	119.66	119.91	1.8	0.05
19.96	119.83	120.02	1.78	0.03
20.04	119.66	120.08	1.7	0
20.11	120	120.18	1.67	-0.02
20.19	120.25	120.3	1.66	-0.02
20.27	120.67	120.47	1.69	-0.01
20.35	120.84	120.64	1.73	0.01
20.43	120.17	120.68	1.64	-0.03

20.51	120.42	120.75	1.58	-0.06
20.59	121.09	120.91	1.6	-0.05
20.66	121.01	121.03	1.6	-0.05
20.74	121.26	121.17	1.61	-0.04
20.82	121.43	121.32	1.62	-0.03
20.9	121.6	121.47	1.64	-0.02
20.98	121.85	121.63	1.68	0
21.06	122.1	121.82	1.73	0.02
21.14	122.1	121.98	1.75	0.03
21.22	122.19	122.13	1.76	0.04
21.3	122.69	122.33	1.83	0.07
21.38	122.69	122.5	1.87	0.09
21.45	122.52	122.63	1.86	0.08
21.53	122.86	122.79	1.87	0.08
21.61	122.19	122.83	1.77	0.03
21.69	122.69	122.93	1.73	0.01
21.77	123.03	123.06	1.73	0.01
21.85	122.44	123.08	1.62	-0.05
21.92	123.11	123.2	1.6	-0.06
22	122.86	123.25	1.53	-0.09
22.08	122.69	123.27	1.42	-0.14
22.16	123.28	123.37	1.4	-0.15
22.24	123.7	123.51	1.42	-0.13
22.32	123.11	123.55	1.33	-0.17
22.4	123.37	123.62	1.27	-0.19
22.48	124.13	123.77	1.32	-0.16
22.56	123.87	123.88	1.31	-0.16
22.64	123.87	123.96	1.28	-0.17
22.72	124.88	124.18	1.38	-0.11
22.79	124.21	124.28	1.36	-0.12
22.87	123.87	124.31	1.28	-0.15
22.95	123.96	124.34	1.2	-0.19
23.03	124.46	124.44	1.19	-0.18
23.11	124.04	124.46	1.1	-0.22
23.19	123.7	124.43	0.96	-0.28
23.26	124.04	124.43	0.87	-0.32
23.34	123.45	124.35	0.7	-0.39
23.42	123.87	124.32	0.59	-0.43
23.51	123.87	124.3	0.48	-0.47
23.58	123.79	124.25	0.36	-0.51
23.66	124.21	124.27	0.31	-0.51
23.74	124.21	124.28	0.26	-0.52
23.82	123.96	124.25	0.17	-0.54
23.9	124.21	124.25	0.12	-0.55
23.98	124.55	124.3	0.12	-0.53
24.06	124.21	124.3	0.06	-0.53
24.13	124.13	124.27	0	-0.55

24.21	124.3	124.28	-0.04	-0.54
24.29	123.96	124.22	-0.13	-0.57
24.37	123.53	124.11	-0.28	-0.62
24.45	124.21	124.11	-0.31	-0.61
24.53	124.38	124.12	-0.31	-0.59
24.61	124.55	124.16	-0.29	-0.55
24.68	123.45	124.04	-0.44	-0.6
24.76	124.55	124.08	-0.4	-0.56
24.84	124.13	124.06	-0.44	-0.56
24.92	124.3	124.06	-0.44	-0.54
25	124.21	124.05	-0.46	-0.53
25.07	124.63	124.11	-0.41	-0.48
25.15	123.96	124.05	-0.46	-0.49
25.23	124.13	124.03	-0.49	-0.48
25.31	123.62	123.94	-0.58	-0.51
25.39	124.04	123.91	-0.6	-0.5
25.47	124.46	123.95	-0.55	-0.45
25.54	124.04	123.93	-0.57	-0.44
25.62	124.04	123.9	-0.58	-0.43
25.7	123.96	123.87	-0.6	-0.43
25.78	124.46	123.92	-0.54	-0.38
25.86	124.04	123.9	-0.54	-0.37
25.94	124.38	123.93	-0.5	-0.33
26.02	124.55	123.98	-0.43	-0.28
26.1	124.04	123.96	-0.44	-0.27
26.18	123.7	123.9	-0.49	-0.29
26.26	124.46	123.94	-0.42	-0.25
26.33	124.21	123.95	-0.4	-0.23
26.42	123.87	123.92	-0.42	-0.23
26.49	124.38	123.95	-0.37	-0.19
26.57	124.38	123.99	-0.32	-0.16
26.65	124.3	124.01	-0.28	-0.14
26.73	124.21	124.02	-0.26	-0.12
26.81	124.38	124.06	-0.22	-0.09
26.89	124.46	124.1	-0.16	-0.06
26.96	124.46	124.14	-0.11	-0.03
27.04	124.21	124.14	-0.1	-0.03
27.13	124.3	124.16	-0.08	-0.02
27.2	124.13	124.15	-0.09	-0.02
27.28	124.46	124.19	-0.04	0
27.36	124.55	124.24	0.01	0.03
27.44	124.46	124.27	0.04	0.05
27.52	124.3	124.28	0.05	0.05
27.6	124.21	124.27	0.05	0.04
27.67	124.13	124.25	0.03	0.03
27.75	124.55	124.3	0.07	0.05
27.83	123.96	124.25	0.03	0.03

27.91	124.13	124.24	0.01	0.02
27.99	124.63	124.29	0.07	0.05
28.07	124.3	124.3	0.07	0.05
28.15	124.38	124.32	0.09	0.05
28.23	124.3	124.32	0.09	0.05
28.31	124.8	124.4	0.16	0.09
28.39	124.38	124.4	0.16	0.08
28.47	124.3	124.4	0.15	0.07
28.54	124.55	124.43	0.18	0.08
28.62	124.3	124.42	0.16	0.07
28.7	124.21	124.4	0.13	0.06
28.78	124.3	124.4	0.12	0.05
28.86	124.8	124.46	0.18	0.08
28.94	124.38	124.46	0.17	0.07
29.02	124.46	124.47	0.18	0.07
29.09	124.55	124.5	0.19	0.07
29.17	124.46	124.51	0.19	0.07
29.25	124.38	124.5	0.17	0.06
29.33	124.3	124.48	0.15	0.04
29.41	124.72	124.53	0.18	0.06
29.49	124.72	124.57	0.21	0.07
29.6	124.8	124.62	0.25	0.09
29.68	124.3	124.59	0.21	0.06
29.76	124.13	124.53	0.14	0.03
29.84	124.55	124.54	0.14	0.03
29.92	124.55	124.55	0.14	0.02
30	124.46	124.55	0.13	0.02
30.07	124.46	124.55	0.12	0.01
30.15	124.63	124.57	0.13	0.02
30.23	124.55	124.57	0.12	0.01
30.31	124.72	124.6	0.15	0.02
30.39	123.96	124.52	0.05	-0.02
30.47	124.21	124.48	0	-0.05
30.54	124.3	124.45	-0.03	-0.06
30.62	124.46	124.45	-0.03	-0.06
30.7	124.46	124.45	-0.03	-0.06
30.78	124.3	124.42	-0.06	-0.07
30.87	124.21	124.39	-0.09	-0.08
30.95	124.13	124.34	-0.14	-0.1
31.03	124.04	124.29	-0.19	-0.13
31.11	124.04	124.24	-0.23	-0.14
31.19	124.46	124.26	-0.21	-0.12
31.27	124.55	124.28	-0.17	-0.1
31.34	124.46	124.3	-0.15	-0.09
31.42	124.46	124.31	-0.14	-0.07
31.5	124.63	124.35	-0.09	-0.05
31.58	124.3	124.33	-0.1	-0.05

31.66	124.38	124.33	-0.1	-0.05
31.74	124.13	124.3	-0.13	-0.06
31.81	124.46	124.31	-0.11	-0.05
31.89	124.38	124.31	-0.11	-0.05
31.97	124.46	124.33	-0.09	-0.04
32.06	124.13	124.29	-0.12	-0.05
32.13	124.72	124.35	-0.06	-0.02
32.21	124.72	124.4	0	0.01
32.29	124.3	124.38	-0.02	0
32.37	124.3	124.37	-0.03	0
32.45	124.55	124.39	0	0.01
32.53	124.3	124.38	-0.02	0
32.61	124.3	124.36	-0.03	0
32.68	123.62	124.25	-0.14	-0.06
32.76	123.79	124.18	-0.21	-0.09
32.84	124.3	124.18	-0.2	-0.08
32.92	124.38	124.19	-0.17	-0.07
33	123.7	124.11	-0.25	-0.1
33.08	124.3	124.12	-0.22	-0.09
33.15	124.3	124.13	-0.2	-0.07
33.24	124.3	124.14	-0.18	-0.06
33.32	124.04	124.11	-0.2	-0.06
33.4	123.79	124.05	-0.25	-0.09
33.47	124.55	124.11	-0.18	-0.05
33.55	124.72	124.18	-0.09	0
33.63	124.21	124.18	-0.09	0
33.71	124.55	124.23	-0.04	0.03
33.79	123.87	124.17	-0.09	0
33.87	124.21	124.17	-0.08	0
33.94	124.3	124.19	-0.06	0.01
34.02	123.79	124.12	-0.12	-0.02
34.1	123.96	124.09	-0.14	-0.03
34.18	124.55	124.15	-0.08	0.01
34.26	124.04	124.13	-0.09	0
34.34	124.21	124.13	-0.08	0.01
34.42	123.96	124.1	-0.1	-0.01
34.5	123.87	124.06	-0.13	-0.02
34.58	123.96	124.04	-0.15	-0.03
34.66	123.53	123.95	-0.22	-0.07
34.74	123.7	123.9	-0.26	-0.08
34.81	124.72	124	-0.15	-0.02
34.89	124.13	124.01	-0.13	-0.01
34.97	124.13	124.02	-0.11	0
35.05	123.7	123.97	-0.16	-0.03
35.13	124.21	123.99	-0.12	-0.01
35.21	123.96	123.98	-0.13	-0.01
35.28	123.62	123.92	-0.18	-0.03

35.36	124.13	123.93	-0.15	-0.02
35.44	123.45	123.85	-0.22	-0.05
35.52	124.21	123.89	-0.17	-0.03
35.6	123.7	123.85	-0.2	-0.04
35.68	124.21	123.89	-0.14	-0.01
35.76	123.45	123.82	-0.21	-0.04
35.84	123.87	123.81	-0.2	-0.04
35.92	124.13	123.84	-0.16	-0.01
36	123.45	123.78	-0.21	-0.04
36.07	123.2	123.68	-0.3	-0.08
36.15	123.96	123.7	-0.26	-0.06
36.23	123.45	123.64	-0.3	-0.08
36.31	123.7	123.63	-0.29	-0.07
36.39	122.86	123.5	-0.4	-0.12
36.47	122.69	123.36	-0.53	-0.18
36.54	122.95	123.26	-0.6	-0.21
36.62	123.37	123.23	-0.59	-0.2
36.7	122.52	123.09	-0.7	-0.24
36.78	122.52	122.96	-0.79	-0.28
36.86	122.86	122.89	-0.82	-0.28
36.94	122.19	122.73	-0.94	-0.33
37.02	122.19	122.59	-1.03	-0.36
37.1	122.19	122.46	-1.11	-0.39
37.18	121.94	122.31	-1.2	-0.42
37.26	122.02	122.18	-1.26	-0.43
37.34	121.6	122.01	-1.37	-0.47
37.41	122.1	121.93	-1.38	-0.45
37.49	121.26	121.74	-1.49	-0.5
37.57	121.18	121.56	-1.6	-0.53
37.65	121.01	121.37	-1.7	-0.56
37.73	120.75	121.16	-1.81	-0.59
37.81	120.92	121.01	-1.87	-0.6
37.89	120.67	120.83	-1.95	-0.61
37.97	120.08	120.59	-2.08	-0.66
38.05	120.33	120.4	-2.15	-0.66
38.13	119.83	120.17	-2.26	-0.69
38.21	120.25	120.03	-2.27	-0.67
38.29	119.66	119.82	-2.36	-0.69
38.36	119.83	119.66	-2.38	-0.67
38.44	118.99	119.4	-2.5	-0.71
38.52	119.58	119.26	-2.5	-0.68
38.6	119.49	119.12	-2.5	-0.65
38.68	118.9	118.92	-2.55	-0.65
38.76	119.07	118.77	-2.55	-0.62
38.83	119.07	118.64	-2.52	-0.59
38.91	119.07	118.53	-2.48	-0.54
38.99	118.82	118.41	-2.45	-0.51

39.07	118.73	118.29	-2.42	-0.47
39.15	118.48	118.15	-2.4	-0.44
39.26	118.14	117.93	-2.41	-0.42
39.34	117.72	117.73	-2.44	-0.42
39.42	117.81	117.58	-2.44	-0.4
39.5	118.06	117.49	-2.37	-0.35
39.57	117.64	117.35	-2.34	-0.33
39.65	117.55	117.22	-2.31	-0.3
39.73	117.3	117.08	-2.3	-0.28
39.81	117.13	116.94	-2.28	-0.26
39.89	117.05	116.8	-2.26	-0.24
39.97	116.63	116.62	-2.28	-0.24
40.05	116.88	116.5	-2.23	-0.21
40.13	116.63	116.37	-2.21	-0.19
40.2	116.63	116.26	-2.16	-0.15
40.28	116.71	116.18	-2.08	-0.11
40.36	116.71	116.12	-1.99	-0.06
40.44	117.05	116.12	-1.83	0.02
40.52	116.55	116.05	-1.74	0.07
40.6	116.29	115.97	-1.68	0.09
40.68	116.04	115.87	-1.65	0.11
40.76	115.45	115.7	-1.68	0.09
40.84	115.62	115.57	-1.67	0.09
40.92	115.37	115.43	-1.67	0.08
40.99	115.7	115.36	-1.61	0.11
41.07	114.94	115.19	-1.64	0.09
41.15	115.11	115.07	-1.63	0.1
41.23	115.2	114.98	-1.58	0.11
41.31	114.69	114.83	-1.6	0.1
41.39	114.61	114.69	-1.6	0.09
41.47	114.35	114.54	-1.63	0.08
41.54	114.27	114.39	-1.64	0.07
41.63	113.68	114.17	-1.72	0.03
41.71	113.85	114.01	-1.74	0.01
41.79	114.44	113.95	-1.66	0.06
41.86	114.27	113.89	-1.59	0.09
41.94	113.6	113.74	-1.61	0.08
42.02	113.85	113.65	-1.57	0.09
42.1	113.6	113.54	-1.55	0.1
42.18	112.93	113.35	-1.61	0.06
42.26	113.51	113.26	-1.57	0.08
42.34	113.26	113.16	-1.54	0.09
42.41	113.09	113.04	-1.53	0.1
42.49	112.84	112.91	-1.53	0.09
42.57	112.67	112.78	-1.54	0.08
42.65	112.84	112.68	-1.51	0.1
42.73	112.08	112.49	-1.57	0.06



42.81	112.84	112.44	-1.5	0.09
42.89	112.59	112.36	-1.45	0.11
42.97	111.41	112.12	-1.56	0.05
43.05	111.75	111.96	-1.59	0.04
43.13	111.58	111.8	-1.63	0.02
43.2	111.83	111.69	-1.6	0.03
43.28	111.49	111.56	-1.61	0.02
43.36	111.66	111.47	-1.58	0.04
43.44	111.16	111.31	-1.6	0.03
43.52	110.99	111.16	-1.63	0.01
43.6	110.57	110.96	-1.69	-0.02
43.67	110.48	110.78	-1.75	-0.05
43.75	110.74	110.66	-1.74	-0.04
43.83	110.57	110.53	-1.73	-0.04
43.91	109.47	110.26	-1.87	-0.1
43.99	110.23	110.13	-1.86	-0.1
44.07	110.06	109.99	-1.85	-0.09
44.15	109.89	109.85	-1.85	-0.08
44.23	109.14	109.62	-1.94	-0.13
44.31	109.47	109.47	-1.95	-0.13
44.39	109.22	109.3	-1.98	-0.13
44.47	109.47	109.19	-1.94	-0.11
44.54	109.14	109.06	-1.93	-0.1
44.62	109.47	108.99	-1.86	-0.06
44.7	108.63	108.81	-1.89	-0.07
44.78	108.8	108.68	-1.88	-0.06
44.86	108.89	108.59	-1.83	-0.04
44.94	108.89	108.51	-1.77	-0.01
45.02	107.79	108.28	-1.85	-0.05
45.09	107.88	108.1	-1.89	-0.07
45.17	108.38	108.01	-1.84	-0.04
45.26	108.13	107.9	-1.8	-0.02
45.33	107.37	107.7	-1.86	-0.04
45.41	107.79	107.59	-1.83	-0.03
45.49	108.21	107.55	-1.72	0.03
45.57	107.37	107.41	-1.72	0.03
45.65	107.62	107.33	-1.67	0.05
45.73	107.37	107.22	-1.64	0.06
45.81	107.12	107.1	-1.63	0.07
45.89	107.12	106.99	-1.61	0.08
45.96	106.78	106.86	-1.61	0.07
46.04	106.78	106.74	-1.6	0.07
46.12	106.87	106.65	-1.56	0.09
46.2	106.7	106.55	-1.52	0.11
46.28	106.53	106.45	-1.5	0.11
46.36	106.19	106.31	-1.51	0.1
46.44	106.19	106.19	-1.5	0.1

46.52	105.94	106.05	-1.51	0.09
46.6	106.03	105.94	-1.49	0.1
46.68	105.86	105.83	-1.48	0.1
46.75	105.52	105.69	-1.5	0.09
46.83	105.1	105.5	-1.56	0.05
46.91	105.18	105.35	-1.58	0.04
46.99	105.18	105.22	-1.59	0.04
47.07	104.51	105.01	-1.67	0
47.15	104.76	104.86	-1.69	-0.01
47.23	104.43	104.69	-1.73	-0.04
47.3	104.09	104.48	-1.8	-0.07
47.38	104.76	104.4	-1.74	-0.04
47.46	104.6	104.31	-1.7	-0.01
47.54	104.26	104.19	-1.69	-0.01
47.62	104.26	104.09	-1.66	0.01
47.71	103.17	103.84	-1.77	-0.05
47.78	103.33	103.64	-1.83	-0.08
47.86	103.5	103.49	-1.84	-0.08
47.94	103.08	103.31	-1.88	-0.1
48.02	103.33	103.19	-1.86	-0.08
48.1	102.49	102.96	-1.95	-0.12
48.18	102.83	102.81	-1.96	-0.12
48.25	102.41	102.62	-2	-0.14
48.33	102.24	102.43	-2.05	-0.16
48.41	102.66	102.33	-2	-0.13
48.49	101.82	102.12	-2.06	-0.15
48.57	102.66	102.06	-1.97	-0.1
48.65	102.07	101.93	-1.95	-0.09
48.73	102.07	101.82	-1.92	-0.07
48.81	101.82	101.69	-1.9	-0.06
48.92	101.65	101.49	-1.88	-0.04
49	101.74	101.41	-1.82	-0.01
49.08	100.48	101.14	-1.94	-0.07
49.16	101.23	101.03	-1.91	-0.05
49.24	100.22	100.78	-2.01	-0.1
49.32	100.56	100.61	-2.03	-0.11
49.4	100.64	100.48	-2.01	-0.09
49.47	100.48	100.34	-1.99	-0.08
49.55	100.73	100.27	-1.92	-0.04
49.63	100.64	100.19	-1.85	0
49.71	99.63	99.99	-1.91	-0.03
49.79	100.05	99.87	-1.88	-0.02
49.87	100.05	99.77	-1.83	0.01
49.95	99.47	99.6	-1.85	0
50.02	99.55	99.47	-1.84	0
50.11	99.38	99.33	-1.83	0.01
50.19	99.3	99.2	-1.81	0.02

50.27	99.47	99.12	-1.75	0.05
50.34	98.96	98.98	-1.75	0.05
50.42	98.46	98.79	-1.8	0.02
50.5	99.13	98.72	-1.73	0.05
50.58	99.38	98.7	-1.61	0.11
50.66	98.96	98.63	-1.54	0.14
50.74	98.96	98.58	-1.46	0.17
50.81	98.71	98.5	-1.41	0.19
50.89	98.71	98.43	-1.35	0.22
50.97	98.21	98.31	-1.35	0.21
51.05	98.63	98.27	-1.28	0.24
51.13	98.04	98.15	-1.28	0.23
51.21	98.54	98.12	-1.19	0.26
51.28	98.37	98.08	-1.12	0.29
51.36	98.46	98.06	-1.02	0.32
51.45	97.87	97.96	-1.01	0.32
51.52	98.29	97.94	-0.93	0.35
51.6	98.21	97.92	-0.85	0.37
51.68	97.79	97.85	-0.83	0.37
51.76	98.21	97.84	-0.74	0.4
51.84	97.79	97.79	-0.71	0.4
51.92	98.04	97.78	-0.64	0.42
51.99	98.54	97.85	-0.48	0.48
52.07	98.21	97.87	-0.39	0.51
52.15	98.54	97.94	-0.24	0.56
52.23	98.37	97.99	-0.14	0.59
52.31	98.54	98.06	-0.01	0.63
52.39	98.63	98.15	0.12	0.67
52.46	98.29	98.18	0.2	0.68
52.54	98.12	98.18	0.24	0.68
52.62	98.54	98.25	0.34	0.7
52.7	98.63	98.33	0.45	0.73
52.78	98.21	98.35	0.48	0.71
52.86	98.04	98.34	0.49	0.69
52.94	98.46	98.39	0.55	0.69
53.02	98.63	98.46	0.64	0.71
53.1	98.71	98.54	0.72	0.72
53.18	97.79	98.48	0.66	0.66
53.25	97.62	98.4	0.58	0.6
53.33	97.95	98.38	0.55	0.56
53.41	98.46	98.43	0.6	0.56
53.49	97.45	98.33	0.5	0.49
53.57	97.53	98.25	0.41	0.43
53.65	98.21	98.27	0.44	0.42
53.72	97.53	98.19	0.36	0.37
53.8	97.62	98.13	0.3	0.32
53.88	97.28	98.03	0.2	0.26

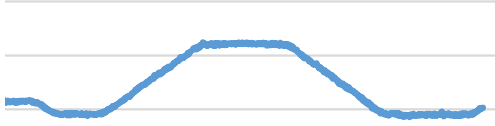
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54.04	97.37	97.88	0.06	0.17
54.12	97.79	97.87	0.06	0.17
54.2	97.95	97.89	0.08	0.17
54.28	97.28	97.81	0.01	0.13
54.35	97.53	97.77	-0.02	0.11
54.43	97.7	97.76	-0.03	0.1
54.51	97.87	97.77	0	0.11
54.59	97.79	97.77	0.01	0.11
54.67	97.62	97.75	0	0.1
54.75	97.79	97.76	0.01	0.1
54.82	97.37	97.7	-0.04	0.07
54.9	97.37	97.65	-0.08	0.05
54.98	97.11	97.57	-0.16	0.01
55.06	97.7	97.58	-0.13	0.02
55.14	98.12	97.65	-0.05	0.06
55.22	97.7	97.65	-0.04	0.07
55.3	97.53	97.63	-0.05	0.06
55.38	97.79	97.65	-0.02	0.07
55.46	97.95	97.69	0.03	0.09
55.54	98.04	97.75	0.09	0.12
55.62	98.29	97.83	0.17	0.16
55.7	97.7	97.83	0.16	0.15
55.78	97.79	97.83	0.17	0.14
55.85	97.62	97.81	0.15	0.13
55.93	97.7	97.81	0.14	0.12
56.01	97.62	97.79	0.12	0.1
56.09	97.7	97.78	0.11	0.09
56.17	97.95	97.82	0.14	0.11
56.25	97.7	97.81	0.13	0.1
56.32	97.79	97.82	0.14	0.09
56.4	98.21	97.88	0.2	0.12
56.48	98.04	97.92	0.23	0.13
56.56	97.7	97.9	0.21	0.12
56.64	98.04	97.94	0.23	0.12
56.72	98.21	97.99	0.28	0.14
56.8	97.79	97.98	0.26	0.13
56.88	97.87	97.98	0.25	0.12
56.96	98.04	98.01	0.26	0.12
57.03	97.95	98.02	0.26	0.11
57.11	97.87	98.01	0.24	0.1
57.19	97.79	98	0.22	0.08
57.27	98.12	98.03	0.24	0.09
57.35	98.12	98.06	0.26	0.1
57.43	97.79	98.04	0.22	0.08
57.51	97.79	98.02	0.19	0.06
57.59	97.53	97.96	0.12	0.02

57.66	98.29	98.02	0.17	0.04
57.74	98.21	98.05	0.2	0.06
57.82	97.87	98.04	0.17	0.04
57.9	98.29	98.09	0.21	0.06
57.98	98.21	98.12	0.23	0.07
58.06	98.29	98.16	0.26	0.08
58.14	98.29	98.2	0.28	0.08
58.22	97.95	98.18	0.25	0.06
58.29	97.79	98.14	0.19	0.03
58.37	97.62	98.08	0.12	0
58.45	97.95	98.07	0.1	-0.01
58.53	97.79	98.03	0.05	-0.03
58.61	97.87	98.01	0.03	-0.05
58.69	97.79	97.98	-0.01	-0.06
58.77	97.7	97.94	-0.06	-0.08
58.85	98.46	98.01	0.01	-0.05
58.92	98.29	98.05	0.05	-0.03
59	98.04	98.05	0.05	-0.03
59.08	97.53	97.98	-0.03	-0.06
59.16	97.7	97.94	-0.08	-0.08
59.24	97.79	97.91	-0.1	-0.1
59.32	97.95	97.91	-0.1	-0.09
59.43	98.04	97.92	-0.09	-0.08
59.51	97.95	97.92	-0.09	-0.08
59.59	98.04	97.93	-0.08	-0.07
59.67	98.04	97.94	-0.07	-0.06
59.75	97.87	97.93	-0.08	-0.06
59.83	98.04	97.94	-0.07	-0.05
59.9	98.96	98.08	0.08	0.02
59.98	98.21	98.11	0.1	0.03
60.06	99.13	98.26	0.25	0.1
60.14	98.21	98.27	0.24	0.1
60.22	97.95	98.24	0.2	0.07
60.3	97.37	98.13	0.08	0.01
60.38	97.62	98.06	0	-0.03
60.45	97.62	97.99	-0.06	-0.06
60.53	98.12	98.01	-0.05	-0.05
60.61	98.04	98.01	-0.05	-0.05
60.69	97.95	98	-0.06	-0.05
60.77	98.29	98.04	-0.02	-0.03
60.85	97.95	98.02	-0.03	-0.04
60.93	98.04	98.02	-0.03	-0.04
61.01	97.95	98.01	-0.05	-0.04
61.09	98.54	98.09	0.03	0
61.16	97.95	98.07	0.01	-0.01
61.24	98.21	98.09	0.03	0
61.32	97.7	98.03	-0.03	-0.03

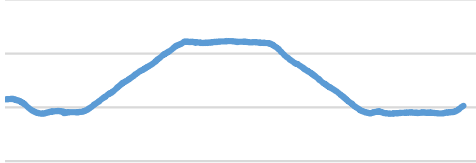
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61.48	97.79	98.02	-0.05	-0.04
61.56	97.7	97.97	-0.1	-0.06
61.63	97.87	97.95	-0.11	-0.07
61.71	97.87	97.93	-0.13	-0.07
61.79	98.12	97.95	-0.1	-0.06
61.87	97.87	97.93	-0.12	-0.06
61.95	97.53	97.86	-0.18	-0.09
62.03	97.7	97.83	-0.21	-0.1
62.11	98.21	97.87	-0.16	-0.07
62.19	97.7	97.83	-0.19	-0.08
62.27	98.21	97.87	-0.14	-0.05
62.35	97.62	97.83	-0.18	-0.07
62.43	97.62	97.79	-0.21	-0.09
62.5	97.79	97.77	-0.22	-0.09
62.58	97.87	97.77	-0.21	-0.08
62.66	97.95	97.78	-0.18	-0.06
62.74	97.53	97.73	-0.22	-0.08
62.82	98.29	97.8	-0.14	-0.04
62.9	97.62	97.76	-0.17	-0.05
62.97	97.62	97.73	-0.19	-0.06
63.05	98.29	97.8	-0.12	-0.02
63.13	97.87	97.8	-0.11	-0.01
63.21	97.79	97.79	-0.11	-0.01
63.29	98.54	97.89	0	0.04
63.37	97.87	97.89	0	0.04
63.45	97.95	97.9	0.01	0.05
63.53	98.21	97.95	0.06	0.07
63.61	98.37	98.01	0.13	0.1
63.69	98.63	98.11	0.22	0.14
63.76	98.04	98.12	0.22	0.14
63.84	98.04	98.12	0.22	0.13
63.92	98.12	98.14	0.23	0.13
64	98.29	98.17	0.26	0.14
64.07	97.79	98.13	0.21	0.11
64.15	98.12	98.15	0.21	0.11
64.23	97.79	98.11	0.17	0.08
64.31	98.37	98.16	0.21	0.1
64.39	98.21	98.18	0.22	0.1
64.47	98.29	98.21	0.24	0.11
64.55	98.21	98.23	0.25	0.1
64.63	98.63	98.3	0.31	0.13
64.71	97.95	98.27	0.27	0.1
64.79	98.04	98.26	0.24	0.09
64.86	98.79	98.35	0.32	0.12
64.95	98.04	98.33	0.28	0.1
65.03	98.71	98.4	0.34	0.12

65.1	98.88	98.5	0.42	0.16
65.18	98.54	98.53	0.43	0.16
65.26	98.96	98.62	0.5	0.19
65.34	99.13	98.73	0.58	0.22
65.42	99.3	98.85	0.68	0.26
65.5	99.13	98.94	0.73	0.28
65.57	99.13	99.02	0.77	0.29
65.65	99.89	99.2	0.91	0.34
65.73	99.89	99.36	1.03	0.39
65.81	99.63	99.47	1.09	0.4
65.89	100.48	99.69	1.25	0.47
65.97	100.22	99.86	1.35	0.5
66.05	100.22	100	1.43	0.52
66.13	100.22	100.13	1.49	0.53
66.21	100.48	100.28	1.56	0.54
66.29	100.22	100.38	1.58	0.53
66.36	100.56	100.51	1.63	0.54
66.44	100.64	100.64	1.67	0.54

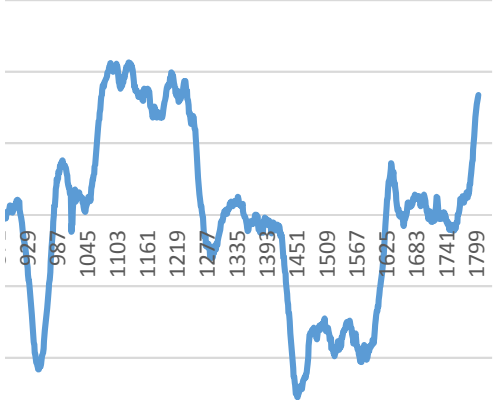
$r$  (m)



m)



m/s)



n/s<sup>2</sup>)

