

Time	Accel. Pedal	Equiv. Ratio	RPM (RPM)	Calculated	Long Term	Mass Airflow	Short Term	Vehicle Speed (mph)
0	3.51	13.38	1506	13.33	2.96	5.29	-0.94	11.18
0.06	3.51	13.38	1501	13.33	2.96	5.29	-1.72	11.18
0.1	3.51	13.23	1485	13.33	2.96	5.29	-1.72	11.18
0.15	3.51	13.23	1476	13.33	2.96	5.26	-2.5	11.18
0.16	3.51	13.23	1469	13.33	2.96	5.19	-2.5	11.18
0.18	3.51	13.23	1469	13.33	2.96	5.15	-2.5	11.18
0.2	3.51	13.23	1461	13.33	2.96	5.15	-2.5	11.18
0.24	3.51	13.08	1459	13.33	2.96	5.26	-2.5	11.18
0.29	3.51	13.08	1454	13.72	2.96	5.26	-3.28	11.18
0.3	3.51	13.08	1447	13.72	2.96	5.15	-3.28	11.18
0.32	3.51	13.23	1441	13.72	2.96	5.22	-3.28	11.18
0.36	3.51	13.23	1440	13.72	2.96	5.29	-3.28	10.56
0.4	3.51	13.23	1430	13.72	2.96	5.36	-3.28	10.56
0.42	3.9	13.23	1421	13.72	2.96	5.22	-3.28	10.56
0.44	4.29	13.23	1412	13.72	2.96	5.09	-4.06	10.56
0.48	4.68	13.23	1414	13.72	2.96	5.15	-4.06	10.56
0.5	4.29	13.23	1409	13.72	2.96	5.26	-4.06	10.56
0.54	2.73	13.23	1404	14.11	2.96	5.36	-4.06	10.56
0.56	0.78	13.38	1399	14.11	2.96	5.19	-4.06	10.56
0.6	0.39	13.38	1391	14.11	2.96	5.16	-4.06	10.56
0.62	0.78	13.38	1387	14.11	2.96	5.26	-4.06	10.56
0.66	2.34	13.38	1384	14.11	2.96	5.29	-4.06	10.56
0.68	3.12	13.38	1374	14.5	2.96	5.22	-4.84	10.56
0.72	2.73	13.52	1370	14.5	2.96	5.22	-4.84	10.56
0.74	2.73	13.52	1369	14.5	2.96	5.36	-4.84	10.56
0.78	2.73	13.52	1351	14.5	2.96	5.4	-4.84	10.56
0.8	2.73	13.52	1347	14.9	2.96	5.36	-4.84	10.56
0.84	3.12	13.52	1346	14.9	2.96	5.4	-4.84	9.94
0.86	3.12	13.52	1342	14.9	2.96	5.47	-5.62	9.94
0.89	3.12	13.67	1337	15.29	2.96	5.43	-5.62	9.94
0.92	2.73	13.67	1337	15.29	2.96	5.43	-5.62	9.94
0.94	2.73	13.52	1329	15.29	2.96	5.5	-6.4	9.94
0.98	2.73	13.52	1327	15.29	2.96	5.5	-6.4	9.94
1	2.73	13.52	1312	15.68	2.96	5.43	-7.96	9.94
1.04	3.51	13.38	1304	15.68	2.96	5.57	-7.96	9.94
1.06	4.68	13.52	1303	15.68	2.96	5.43	-8.74	9.94
1.1	6.24	13.52	1299	15.68	2.96	5.36	-8.74	9.94
1.15	6.24	13.52	1285	15.68	2.96	5.47	-8.74	9.94
1.16	6.24	13.67	1271	16.07	2.96	5.4	-8.74	9.94
1.18	6.24	13.67	1270	16.07	2.96	5.36	-7.96	9.94
1.22	6.63	13.82	1263	16.07	2.96	5.43	-7.96	9.32
1.24	6.63	13.82	1254	16.07	2.96	5.54	-7.96	9.32
1.26	7.41	13.82	1232	16.46	2.96	5.64	-7.96	9.32
1.3	8.19	13.82	1226	16.46	2.96	5.75	-7.96	9.32
1.34	8.19	13.96	1220	16.86	2.96	6.07	-7.96	9.32
1.39	8.58	13.96	1188	18.03	2.96	6.36	-7.96	9.32

1.4	8.97	14.11	1177	18.82	2.96	6.91	-7.96	9.32
1.42	9.36	14.26	1178	19.6	2.96	7.23	-7.18	9.32
1.46	9.75	14.26	1187	20.38	2.96	7.35	-7.18	9.32
1.48	9.75	14.41	1213	21.56	2.96	7.73	-6.4	8.7
1.52	9.75	14.55	1224	22.34	2.96	8.35	-6.4	8.7
1.56	10.14	14.7	1238	23.13	2.96	8.92	-5.62	8.7
1.61	10.53	14.85	1261	25.09	2.18	9.66	-4.84	8.7
1.62	10.53	15.14	1250	25.87	2.18	10	-4.06	8.7
1.64	10.53	15.29	1225	27.05	1.4	10.3	-4.06	9.32
1.66	10.53	15.29	1191	28.22	1.4	10.6	-3.28	9.32
1.7	11.7	15.43	1177	29.4	-0.16	10.95	-3.28	9.32
1.74	11.7	15.43	1204	31.75	-0.16	11.34	-3.28	9.32
1.76	11.7	15.43	1230	32.54	-0.16	11.69	-2.5	9.32
1.8	11.7	15.43	1258	33.32	-0.16	11.94	-2.5	9.32
1.84	11.7	15.43	1287	34.5	-0.16	12.73	-2.5	9.32
1.86	11.31	15.43	1285	35.28	-0.16	12.83	-1.72	9.94
1.9	11.7	15.43	1280	36.46	-0.16	13.18	-1.72	9.94
1.92	11.31	15.43	1289	36.85	-0.16	13.28	-1.72	9.94
1.94	11.31	15.43	1305	37.63	-0.16	13.93	-1.72	9.94
1.98	11.31	15.43	1333	38.02	-0.16	14.22	-0.94	9.94
2	11.31	15.29	1357	38.42	-0.16	14.72	-0.94	9.94
2.02	11.31	15.29	1395	39.59	-0.16	15.6	-0.94	10.56
2.06	11.31	15.14	1409	39.98	-0.16	15.41	-0.94	10.56
2.08	11.7	15.29	1415	40.38	-0.16	16.16	-0.94	10.56
2.12	11.31	15.29	1443	41.55	-0.16	16.41	-0.94	11.18
2.16	11.31	15.29	1464	41.94	-0.16	17.22	-0.16	11.18
2.18	11.7	15.29	1505	43.12	-0.16	18.48	-0.16	11.18
2.24	11.7	15.43	1551	44.3	-0.16	18.56	0.62	11.81
2.26	11.7	15.43	1590	44.3	-0.16	18.25	0.62	11.81
2.3	11.7	15.58	1606	44.3	-0.16	18.4	1.4	12.43
2.35	11.7	15.58	1663	43.51	-0.16	18.63	2.18	12.43
2.36	11.7	15.73	1701	43.12	-0.16	18.71	2.96	12.43
2.38	11.7	15.73	1717	42.73	-0.16	19.09	2.96	13.05
2.4	11.7	15.58	1740	42.73	-0.16	19.55	2.96	13.05
2.44	11.7	15.58	1784	42.73	-0.16	19.78	3.74	13.67
2.46	11.7	15.58	1824	42.34	-0.16	19.78	4.52	13.67
2.48	11.7	15.58	1838	41.94	-0.16	20.26	4.52	13.67
2.52	11.7	15.73	1869	41.55	-0.16	19.86	5.3	14.29
2.56	11.7	15.73	1904	41.16	-0.16	19.94	5.3	14.29
2.58	11.31	15.73	1937	40.77	-0.16	20.33	6.08	14.91
2.62	11.31	15.73	1989	39.98	-0.16	20.34	6.86	14.91
2.66	11.31	15.73	2024	39.2	-0.16	20.18	6.86	14.91
2.68	10.92	15.73	2054	38.42	-0.16	19.78	7.64	15.53
2.72	10.53	15.73	2082	37.63	-0.16	19.71	7.64	15.53
2.76	10.53	15.73	2112	36.85	-0.16	18.86	7.64	16.16
2.79	10.53	15.73	2150	35.67	-0.16	19.63	8.42	16.16
2.8	10.53	15.73	2166	35.28	-0.16	18.86	8.42	16.16

2.84	10.53	15.58	2198	33.71	-0.16	18.48	8.42	16.78
2.88	10.14	15.58	2231	32.14	-0.16	17.59	9.2	16.78
2.92	9.75	15.58	2260	31.36	-0.16	17.53	9.2	17.4
2.94	9.75	15.43	2273	30.58	-0.16	16.84	9.2	17.4
2.98	9.75	15.29	2297	29.4	-0.16	16.9	9.2	17.4
3	9.75	15.14	2324	28.62	-0.16	17.09	9.2	17.4
3.04	9.75	14.99	2339	28.22	-0.16	16.59	8.42	18.02
3.08	9.75	14.99	2357	27.83	-0.16	16.84	8.42	18.02
3.12	9.75	14.85	2369	27.05	-0.16	16.41	8.42	18.02
3.14	9.36	14.7	2387	26.26	-0.16	15.53	9.2	18.02
3.16	9.36	14.7	2398	25.87	-0.16	16.22	9.2	18.02
3.2	9.36	14.7	2409	25.87	-0.16	16.47	9.2	18.02
3.22	9.36	14.55	2418	25.87	-0.16	16.03	9.2	18.02
3.25	8.97	14.55	2427	25.48	-0.16	15.78	9.2	18.64
3.28	8.58	14.55	2436	25.09	-0.16	15.16	9.2	18.64
3.3	8.58	14.41	2453	24.3	-0.16	15.47	8.42	18.64
3.34	8.58	14.41	2461	23.52	-0.16	14.22	7.64	18.64
3.36	8.97	14.26	2467	22.74	-0.16	14.22	6.86	18.64
3.4	9.36	14.26	2470	22.34	-0.16	13.97	6.86	18.64
3.44	9.36	14.26	2475	21.95	-0.16	13.91	6.08	18.64
3.46	9.36	14.11	2483	21.56	-0.16	13.97	6.08	18.64
3.5	9.36	14.11	2489	21.56	-0.16	14.04	5.3	18.64
3.52	9.36	14.11	2500	21.56	-0.16	13.85	5.3	18.64
3.56	9.36	14.11	2503	21.56	-0.16	14.35	4.52	19.26
3.6	9.36	14.11	2507	21.95	-0.16	14.91	4.52	19.26
3.62	9.36	14.11	2510	22.34	-0.16	14.85	4.52	19.26
3.64	9.36	14.11	2516	22.34	-0.16	15.16	4.52	19.26
3.68	9.36	14.26	2520	22.74	-0.16	15.47	4.52	19.26
3.7	9.36	14.26	2524	23.13	-0.16	15.91	5.3	19.26
3.74	9.36	14.41	2528	23.13	-0.16	15.41	5.3	19.26
3.76	9.36	14.41	2534	23.13	-0.16	15.41	5.3	19.26
3.78	9.36	14.55	2546	23.13	-0.16	15.6	6.08	19.26
3.82	9.36	14.55	2549	23.13	-0.16	15.47	6.08	19.26
3.84	9.36	14.55	2553	23.13	-0.16	15.28	6.08	19.26
3.88	9.36	14.55	2554	22.74	-0.16	14.72	6.86	19.26
3.9	9.36	14.55	2560	22.34	-0.16	14.85	6.86	19.26
3.92	9.36	14.55	2563	21.95	-0.16	14.22	6.86	19.26
3.96	9.36	14.41	2566	21.56	-0.16	14.22	6.08	19.26
4.01	9.75	14.26	2573	21.56	-0.16	14.78	6.08	19.26
4.02	10.14	14.26	2578	21.95	-0.16	15.1	5.3	19.26
4.06	10.92	14.11	2586	21.95	-0.16	15.16	4.52	19.26
4.08	10.92	14.11	2590	22.74	-0.16	15.97	3.74	19.88
4.14	10.92	14.11	2591	23.52	-0.16	17.34	2.96	19.88
4.16	10.92	14.11	2595	24.7	-0.16	18.33	2.96	19.88
4.2	10.53	14.11	2606	25.48	-0.16	18.1	2.18	19.88
4.22	10.53	14.26	2620	26.26	-0.16	18.94	2.18	19.88
4.25	10.53	14.26	2628	26.66	-0.16	18.94	2.18	19.88

4.28	10.53	14.41	2635	27.05	-0.16	18.79	2.18	19.88
4.3	10.53	14.55	2643	26.66	-0.16	18.63	2.18	19.88
4.34	10.53	14.7	2649	27.05	-0.16	19.25	2.96	19.88
4.38	10.53	14.85	2660	26.66	-0.16	18.1	2.96	20.51
4.42	10.53	14.85	2672	26.66	-0.16	19.02	2.96	20.51
4.46	10.53	14.99	2689	26.26	-0.16	18.17	3.74	20.51
4.48	10.53	14.99	2697	25.87	-0.16	17.94	3.74	20.51
4.52	10.53	14.99	2710	25.48	-0.16	17.59	3.74	20.51
4.54	10.53	14.99	2716	25.09	-0.16	18.17	4.52	20.51
4.57	10.92	14.99	2721	25.09	-0.16	18.02	5.3	20.51
4.6	10.92	14.99	2729	25.09	-0.16	18.02	5.3	20.51
4.62	10.92	14.99	2736	25.09	-0.16	18.25	6.08	20.51
4.66	10.92	14.99	2745	25.48	-0.16	19.02	6.08	20.51
4.68	10.92	14.99	2758	26.26	-0.16	19.78	6.86	21.13
4.71	10.92	14.99	2770	26.66	-0.16	19.4	7.64	21.13
4.74	10.92	14.99	2778	26.66	-0.16	19.25	7.64	21.13
4.78	10.53	14.99	2787	26.66	-0.16	19.48	8.42	21.13
4.8	10.53	14.99	2796	26.66	-0.16	19.55	9.2	21.13
4.82	10.53	14.99	2804	26.66	-0.16	19.78	9.2	21.13
4.86	10.53	14.99	2811	27.05	-0.16	20.42	9.2	21.13
4.88	10.14	14.85	2824	27.05	-0.16	19.55	9.98	21.13
4.9	10.14	14.85	2833	26.66	-0.16	19.63	9.98	21.13
4.94	10.14	14.85	2842	26.26	-0.16	19.09	9.98	21.75
4.96	10.14	14.7	2853	25.48	-0.16	18.17	9.98	21.75
4.98	10.14	14.55	2856	24.7	-0.16	17.15	9.98	21.75
5.02	10.14	14.55	2860	23.91	-0.16	17.09	9.98	21.75
5.06	10.14	14.41	2866	23.52	-0.16	17.28	8.42	21.75
5.1	10.14	14.11	2878	22.74	-0.16	16.66	6.86	21.75
5.12	10.14	14.11	2885	22.34	-0.16	16.66	6.08	21.75
5.17	10.14	14.11	2889	22.34	-0.16	17.03	6.08	21.75
5.18	10.14	14.11	2897	22.74	-0.16	17.4	5.3	21.75
5.22	10.14	14.26	2899	22.74	-0.16	17.22	5.3	21.75
5.24	10.53	14.26	2902	22.74	-0.16	17.59	5.3	21.75
5.28	11.31	14.41	2905	22.74	-0.16	17.47	4.52	21.75
5.3	14.43	14.41	2910	22.74	-0.16	17.4	5.3	21.75
5.34	19.89	14.55	2917	22.74	-0.16	17.79	5.3	22.37
5.38	26.13	14.7	2924	25.48	-0.16	24.03	5.3	22.37
5.4	35.1	14.7	2935	29.4	-0.16	33.5	5.3	22.37
5.42	47.58	14.7	2961	40.77	-0.16	53.31	6.08	22.37
5.46	56.55	14.7	3013	62.33	-0.16	78.22	6.08	22.37
5.48	66.3	14.41	3069	76.83	-0.16	80.21	5.3	22.37
5.5	72.54	14.11	3102	86.63	-0.16	75.48	2.96	22.99
5.54	83.07	13.82	3125	87.81	-0.16	72.12	1.4	23.61
5.59	92.43	13.96	3159	87.81	-0.16	73.79	1.4	23.61
5.6	99.45	14.26	3258	88.59	-0.16	76.11	3.74	24.23
5.62	99.45	14.41	3246	88.98	-0.16	76.96	5.3	24.23
5.66	99.45	14.41	3242	88.98	-0.16	76.96	5.3	24.23

5.7	99.45	14.26	3297	88.98	-0.16	78.22	4.52	24.23
5.74	99.45	14.11	3298	88.98	-0.16	79.49	3.74	24.85
5.76	99.45	13.82	3260	88.98	-0.16	76.75	2.96	24.85
5.8	99.45	13.67	3235	88.98	-0.16	76.32	2.18	24.85
5.82	99.45	13.67	3217	88.98	-0.16	75.48	1.4	24.23
5.84	99.45	13.67	3203	88.98	-0.16	76.75	1.4	24.23
5.86	99.45	13.67	3189	88.98	-0.16	76.11	1.4	24.23
5.9	99.45	13.67	3181	88.98	-0.16	77.17	1.4	24.23
5.92	99.45	13.67	3179	88.98	-0.16	76.11	0.62	24.23
5.96	99.45	13.67	3177	88.98	-0.16	76.75	0.62	24.23
5.98	99.45	13.67	3172	88.98	-0.16	76.96	0.62	24.23
6.02	99.45	13.67	3167	88.98	-0.16	75.9	-0.16	24.23
6.07	99.45	13.82	3165	88.98	-0.16	76.53	-0.16	24.23
6.1	99.45	13.82	3169	88.98	-0.16	77.17	-0.16	24.23
6.12	99.45	13.82	3171	88.98	-0.16	75.48	-0.16	24.23
6.16	99.45	13.82	3161	88.98	-0.16	75.48	-0.16	24.23
6.2	99.45	13.82	3150	88.98	-0.16	75.06	-0.16	23.61
6.24	99.45	13.82	3147	88.98	-0.16	76.32	-0.16	23.61
6.28	99.45	13.96	3148	88.98	-0.16	75.06	-0.16	23.61
6.3	99.45	13.96	3152	88.98	-0.16	77.17	-0.16	23.61
6.34	99.45	13.96	3165	88.98	-0.16	76.11	-0.16	23.61
6.36	99.45	13.96	3178	88.98	-0.16	76.75	-0.16	24.23
6.39	99.45	13.96	3192	88.98	-0.16	76.75	-0.16	24.23
6.42	99.45	13.96	3217	88.98	-0.16	77.17	-0.94	24.23
6.44	99.45	13.96	3252	88.98	-0.16	77.38	-0.94	24.85
6.48	99.45	13.96	3298	88.98	-0.16	80.77	-0.16	24.85
6.5	99.45	13.96	3360	88.98	-0.16	79.49	-0.16	25.48
6.52	99.45	14.11	3405	88.98	-0.16	81.21	-0.16	25.48
6.56	99.45	14.11	3452	88.98	-0.16	80.35	-0.16	26.1
6.58	99.45	14.11	3513	88.98	-0.16	83.01	-0.16	26.72
6.62	99.45	14.11	3560	88.98	-0.16	84.61	0.62	26.72
6.64	99.45	14.11	3624	88.59	-0.16	84.84	-0.16	27.34
6.68	99.45	14.11	3668	88.59	-0.16	85.3	0.62	27.34
6.72	99.45	13.96	3720	88.2	-0.16	87.59	-0.16	27.96
6.74	99.45	13.96	3762	88.2	-0.16	89.87	-0.16	28.58
6.78	99.45	13.96	3800	87.81	-0.16	90.56	-0.16	28.58
6.8	99.45	13.96	3843	87.81	-0.16	91.25	0.62	29.2
6.84	99.45	13.96	3880	87.81	-0.16	91.02	0.62	29.2
6.86	99.45	14.11	3911	87.42	-0.16	94.85	0.62	29.2
6.9	99.45	14.11	3934	87.42	-0.16	92.42	1.4	29.83
6.92	99.45	13.96	3963	87.42	-0.16	95.83	2.18	29.83
6.96	99.45	13.96	3999	87.02	-0.16	95.1	2.18	30.45
6.98	99.45	13.96	4021	87.02	-0.16	95.59	2.96	30.45
7	99.45	13.82	4052	87.02	-0.16	95.1	2.18	30.45
7.04	99.45	13.67	4080	87.02	-0.16	98.03	2.18	31.07
7.06	99.45	13.82	4109	87.02	-0.16	98.52	2.96	31.07
7.08	99.45	13.82	4126	87.02	-0.16	98.03	4.52	31.07

7.12	99.45	13.96	4159	87.02	-0.16	99.99	5.3	31.69
7.16	99.45	14.11	4196	87.02	-0.16	99.74	6.08	31.69
7.18	99.45	13.96	4253	87.02	-0.16	102.44	6.86	32.31
7.2	99.45	14.11	4294	87.02	-0.16	103.19	7.64	32.31
7.24	99.45	13.96	4332	87.02	-0.16	104.69	8.42	32.93
7.28	99.45	13.96	4377	87.02	-0.16	105.74	8.42	32.93
7.32	99.45	13.82	4420	87.02	-0.16	108.1	9.2	33.55
7.34	99.45	13.82	4478	87.42	-0.16	109.93	9.98	34.18
7.36	99.45	13.52	4519	87.42	-0.16	113.6	9.98	34.18
7.4	99.45	13.52	4564	87.42	-0.16	113.34	9.98	34.8
7.44	99.45	13.38	4624	87.81	-0.16	114.13	9.2	34.8
7.49	99.45	13.23	4676	87.81	-0.16	117.33	6.86	35.42
7.52	99.45	13.23	4709	88.2	-0.16	119.85	6.86	35.42
7.54	99.45	13.38	4764	88.2	-0.16	121.54	6.08	36.04
7.58	99.45	13.52	4798	88.59	-0.16	122.94	6.86	36.66
7.6	99.45	13.82	4862	88.59	-0.16	122.94	7.64	36.66
7.62	99.45	13.82	4897	88.98	-0.16	124.06	7.64	37.28
7.66	99.45	13.96	4927	88.98	-0.16	124.34	7.64	37.28
7.68	99.45	13.96	4954	89.38	-0.16	126.59	7.64	37.28
7.7	99.45	13.96	4988	89.77	-0.16	125.75	7.64	37.9
7.74	99.45	13.96	5014	89.77	-0.16	128.55	7.64	37.9
7.78	99.45	14.11	5063	89.77	-0.16	129.71	8.42	38.52
7.82	99.45	14.11	5138	91.73	-0.16	132.04	8.42	38.52
7.84	99.45	14.11	5161	92.51	-0.16	135.02	8.42	39.15
7.86	99.45	14.11	5215	92.9	-0.16	134.73	8.42	39.77
7.9	99.45	14.11	5243	92.9	-0.16	138	8.42	39.77
7.94	99.45	13.96	5302	93.69	-0.16	138.3	7.64	40.39
7.98	99.45	13.82	5336	95.65	-0.16	138.9	6.86	40.39
8	99.45	13.67	5382	96.43	-0.16	142.17	6.08	41.01
8.04	99.45	13.67	5443	96.43	-0.16	143.39	5.3	41.01
8.06	99.45	13.67	5484	97.22	-0.16	145.25	4.52	41.63
8.09	99.45	13.52	5495	97.22	-0.16	147.15	3.74	41.63
8.12	99.45	13.52	5522	98	-0.16	145.25	-0.16	42.25
8.14	99.45	13.67	5567	98.39	-0.16	146.51	-0.16	42.25
8.18	99.45	13.67	5631	98.78	-0.16	147.15	-0.16	42.25
8.2	99.45	13.52	5640	99.18	-0.16	150.69	-0.16	42.87
8.22	99.45	13.38	5696	99.57	-0.16	151.66	-0.16	42.87
8.26	99.45	13.23	5725	99.96	-0.16	153.59	-0.16	43.5
8.28	99.45	13.08	5763	99.96	-0.16	151.98	-0.16	43.5
8.3	99.45	13.08	5770	100.74	-0.16	155.84	-0.16	43.5
8.34	99.45	12.94	5827	101.14	-0.16	154.88	-0.16	44.12
8.36	99.45	12.94	5840	101.53	-0.16	157.13	-0.16	44.12
8.4	99.45	13.08	5892	102.31	-0.16	159.13	-0.16	44.74
8.42	99.45	12.94	5906	102.7	-0.16	160.14	-0.16	44.74
8.46	99.45	12.94	5944	102.31	-0.16	160.49	-0.16	45.36
8.5	99.45	13.08	5991	102.7	-0.16	163.49	-0.16	45.36
8.56	99.45	13.38	6030	103.49	-0.16	164.18	-0.16	45.98

8.58	99.45	13.52	6110	103.1	-0.16	165.22	-0.16	45.98
8.6	99.45	13.52	6105	103.1	-0.16	167.63	-0.16	46.6
8.64	99.45	13.67	6144	103.1	-0.16	169	-0.16	46.6
8.66	99.45	13.52	6191	102.7	-0.16	173.14	-0.16	46.6
8.7	99.45	13.52	6224	102.31	-0.16	175.67	-0.16	47.22
8.74	99.45	13.67	6260	102.31	-0.16	177.46	-0.16	47.22
8.78	99.45	13.67	6296	101.92	-0.16	177.81	-0.16	47.85
8.8	99.45	13.52	6379	101.53	-0.16	178.89	-0.16	47.85
8.86	99.45	13.52	6388	101.14	-0.16	180.31	-0.16	48.47
8.88	99.45	13.38	6437	101.14	-0.16	183.61	-0.16	49.09
8.92	99.45	13.23	6501	100.74	-0.16	184.71	-0.16	49.09
8.94	99.45	13.23	6495	100.74	-0.16	185.45	-0.16	49.71
8.96	99.45	13.23	6566	100.74	-0.16	184.34	-0.16	49.71
9	99.45	13.52	6557	100.74	-0.16	185.45	-0.16	49.71
9.02	99.45	13.82	6633	100.74	-0.16	189.51	-0.16	50.33
9.05	99.45	13.96	6671	100.74	-0.16	191.46	-0.16	50.33
9.08	99.45	13.96	6668	101.14	-0.16	194.46	-0.16	50.95
9.12	99.45	14.11	6762	101.14	-0.16	197.55	-0.16	51.57
9.14	99.45	14.11	6778	101.14	-0.16	201.46	-0.16	51.57
9.2	99.45	14.11	6849	101.53	-0.16	207.4	-0.16	51.57
9.22	99.45	14.11	6929	101.53	-0.16	206.21	-0.16	52.2
9.26	99.45	13.96	6935	101.53	-0.16	210.25	-0.16	52.82
9.3	99.45	13.96	7034	101.53	-0.16	214.77	-0.16	53.44
9.32	99.45	13.82	7086	101.14	-0.16	217.2	-0.16	53.44
9.36	99.45	13.67	7126	101.14	-0.16	217.65	-0.16	53.44
9.38	99.45	13.52	7103	101.14	-0.16	217.2	-0.16	54.06
9.42	99.45	13.52	7166	100.35	-0.16	220.98	-0.16	54.06
9.46	99.45	13.52	7212	100.35	-0.16	222.68	-0.16	54.68
9.5	99.45	13.52	7280	99.57	-0.16	220.14	-0.16	54.68
9.54	99.45	13.52	7261	99.18	-0.16	222.25	-0.16	55.3
9.56	99.45	13.52	7358	98.78	-0.16	215.54	-0.16	55.92
9.6	99.45	13.23	7325	98	-0.16	210.62	-0.16	55.92
9.62	99.45	13.08	7353	97.61	-0.16	210.2	-0.16	55.92
9.65	99.45	12.79	7382	97.22	-0.16	210.2	-0.16	55.92
9.7	99.45	12.64	7407	97.22	-0.16	210.59	-0.16	56.54
9.74	99.45	12.94	7463	96.82	-0.16	211.44	-0.16	56.54
9.78	99.45	13.08	7560	96.82	-0.16	213.92	-0.16	57.17
9.8	99.45	13.23	7563	96.82	-0.16	211.84	-0.16	57.79
9.84	99.45	13.23	7610	96.82	-0.16	213.08	-0.16	57.79
9.88	99.45	13.23	7637	96.82	-0.16	215.11	-0.16	58.41
9.92	99.45	13.38	7696	96.82	-0.16	220.14	-0.16	58.41
9.96	99.45	13.38	7791	96.82	-0.16	218.02	-0.16	59.03
10.02	99.45	13.23	7795	96.82	-0.16	220.14	-0.16	59.03
10.04	99.45	13.08	7849	96.82	-0.16	227.33	-0.16	59.65
10.1	99.45	13.08	7938	97.22	-0.16	227.33	-0.16	59.65
10.14	99.45	12.94	7995	96.82	-0.16	228.18	-0.16	59.65
10.19	99.45	12.94	8033	97.22	-0.16	229.5	-0.16	60.89

10.22	99.45	12.94	8020	96.43	-0.16	231.32	-0.16	60.89
10.28	99.45	12.79	8072	96.43	-0.16	232.56	-0.16	60.89
10.32	99.45	12.79	8183	95.65	-0.16	236.07	-0.16	61.52
10.4	99.45	12.94	8244	95.65	-0.16	239.19	-0.16	62.14
10.44	99.45	12.94	8306	95.26	-0.16	237.79	-0.16	62.76
10.48	99.45	12.94	8313	94.08	-0.16	241.89	-0.16	63.38
10.54	99.45	12.94	8387	94.47	-0.16	243.71	-0.16	63.38
10.58	99.45	12.94	8425	93.3	-0.16	238.28	-0.16	64
10.62	99.45	12.94	8511	92.51	-0.16	241.89	-0.16	64
10.66	99.45	12.79	8571	92.9	-0.16	242.8	-0.16	64
10.72	99.45	12.79	8603	92.9	-0.16	239.16	-0.16	65.24
10.76	99.45	12.64	8599	92.9	-0.16	238.7	-0.16	65.24
10.82	99.45	12.64	8710	92.9	-0.16	240.07	-0.16	65.87
10.9	99.45	12.64	8771	92.9	-0.16	243.71	-0.16	65.87
10.98	99.45	12.49	8827	92.9	-0.16	243.71	-0.16	65.87
11.04	99.45	12.49	8952	92.9	-0.16	242.34	-0.16	67.73
11.14	99.45	12.49	9013	92.51	-0.16	245.07	-0.16	67.73
11.26	99.45	12.35	9088	92.51	-0.16	245.98	-0.16	68.35
11.36	99.45	12.2	9163	92.51	-0.16	249.16	-0.16	69.59
11.46	99.45	12.94	9101	92.51	-0.16	243.25	-0.16	67.73
11.56	99.45	13.38	9092	92.51	-0.16	244.16	-0.16	70.21
11.62	99.45	14.26	9154	92.51	-0.16	244.62	-0.16	68.35
11.66	64.35	14.55	9106	92.51	-0.16	249.16	-0.16	68.35
11.72	17.55	14.11	9051	92.51	-0.16	245.52	-0.16	69.59
11.78	0	14.85	9005	92.51	-0.16	232.92	-0.16	69.59
11.86	0	16.02	9084	65.46	-0.16	122.66	-0.16	68.97
11.88	0	14.7	8856	25.87	-0.16	52.59	-0.16	68.97
11.94	0	14.26	8716	20.78	-0.16	44.23	-0.16	67.11
11.96	0	13.82	8517	17.64	-0.16	38.35	-0.16	65.87
12	0	13.52	8367	16.86	-0.16	37.01	-0.16	64.62
12.02	0	13.23	8247	16.46	-0.16	34.76	-0.16	64
12.06	0	12.94	8182	16.07	-0.16	34.27	-0.16	64
12.08	0	13.08	8074	16.07	-0.16	33.41	-0.16	62.14
12.12	0	13.38	7923	16.07	-0.16	34.64	-0.16	61.52
12.16	0	13.67	7832	16.46	-0.16	33.78	-0.16	60.89
12.18	0	13.96	7794	16.46	-0.16	32.47	-0.16	59.03
12.22	0	14.26	7784	15.68	-0.16	30.14	-0.16	59.03
12.24	0	14.55	7735	14.5	-0.16	28.33	-0.16	58.41
12.28	0	14.99	7653	14.11	-0.16	28.74	-0.16	58.41
12.3	0	15.73	7590	14.11	-0.16	28.53	-0.16	58.41
12.34	0	16.32	7598	14.5	-0.16	29.15	-0.16	57.79
12.36	0	16.9	7507	14.5	-0.16	29.48	-0.16	57.17
12.4	0	17.49	7480	14.9	-0.16	29.15	-0.16	57.17
12.42	0	18.08	7426	15.29	-0.16	29.92	-0.16	56.54
12.46	0	18.67	7444	14.9	-0.16	28.12	-0.16	56.54
12.48	0	19.7	7383	14.11	-0.16	26.08	-0.16	55.92
12.52	0	20.29	7337	12.54	-0.16	18.86	-0.16	55.92

12.54	0	20.29	7282	7.84	-0.16	12.68	-0.16	55.3
12.58	0	20.29	7202	6.66	-0.16	10.8	-0.16	55.3
12.6	0	20.29	7080	5.49	-0.16	9.56	-0.16	55.3
12.64	0	20.29	7002	5.1	-0.16	8.44	-0.16	55.3
12.66	0	20.29	6897	4.31	0.62	7.31	-0.16	55.3
12.7	0	20.29	6867	3.92	0.62	6.82	-0.16	55.3
12.72	0	20.29	6711	3.53	0.62	6.21	-0.16	55.3
12.74	0	20.29	6678	3.53	0.62	6	-0.16	55.3
12.78	0	20.29	6598	3.53	2.96	5.89	-0.16	54.68
12.8	0	20.29	6489	3.14	2.96	5.5	-0.16	54.68
12.84	0	20.29	6391	3.14	2.96	5.26	-0.16	54.68
12.88	0	20.29	6300	3.14	2.96	5.15	-0.16	54.68
12.92	0	20.29	6217	3.14	2.96	5.33	-0.16	54.68
12.96	0	20.29	6107	3.14	2.96	5.36	-0.16	54.06
12.98	0	20.29	5984	3.53	2.96	5.19	-0.16	54.06
13.02	0	20.29	5903	3.14	2.96	5.22	-0.16	54.06
13.04	0	20.29	5819	3.53	2.96	5.33	-0.16	54.06
13.08	0	20.29	5772	3.53	2.96	5.33	-0.16	54.06
13.1	0	20.29	5686	3.53	2.96	5.4	-0.16	54.06
13.14	0	20.29	5601	3.53	2.96	5.36	-0.16	54.06
13.16	0	20.29	5515	3.53	2.96	5.33	-0.16	54.06
13.2	0	20.29	5426	3.92	2.96	5.47	-0.16	53.44
13.25	0	20.29	5338	3.92	2.96	5.4	-0.16	53.44
13.26	0	20.29	5251	3.92	2.96	5.29	-0.16	53.44
13.28	0	20.29	5194	3.92	2.96	5.47	-0.16	53.44
13.32	0	20.29	5103	3.92	2.96	5.4	-0.16	53.44
13.34	0	20.29	5047	3.92	2.96	5.4	-0.16	53.44
13.37	0	20.29	4989	3.92	2.96	5.29	-0.16	52.82
13.4	0	20.29	4930	3.92	2.96	5.29	-0.16	52.82
13.44	0	20.29	4844	3.92	2.96	5.26	-0.16	52.82
13.46	0	20.29	4751	4.31	2.96	5.22	-0.16	52.82
13.48	4.68	20.29	4696	4.31	2.96	5.19	-0.16	52.82
13.52	10.92	20.29	4636	4.31	2.96	5.22	-0.16	52.82
13.54	13.26	20.29	4569	4.31	2.96	5.61	-0.16	52.2
13.57	12.87	20.29	4507	5.49	2.96	8.27	-0.16	52.2
13.6	13.26	20.29	4448	7.06	2.96	13.03	-0.16	52.2
13.62	14.04	20.29	4306	11.76	2.18	18.1	-0.16	52.82
13.66	13.65	20.29	4141	15.68	2.18	20.92	-0.16	52.82
13.68	13.65	20.29	3977	19.6	1.4	23.38	-0.16	52.2
13.72	14.43	20.29	3931	21.17	-0.16	24.3	-0.16	52.82
13.76	14.43	20.29	3829	23.13	-0.16	24.39	-0.16	52.82
13.8	11.7	20.29	3776	23.91	-0.16	24.85	-0.16	52.82
13.82	11.7	20.29	3657	24.7	-0.16	24.3	-0.16	52.82
13.84	12.09	20.29	3586	25.09	-0.16	24.03	-0.16	53.44
13.88	9.36	20.29	3505	24.3	-0.16	21.5	-0.16	53.44
13.9	7.02	20.29	3413	23.91	-0.16	20.67	-0.16	53.44
13.94	7.41	20.29	3316	23.13	-0.16	18.11	0.62	54.06

13.96	7.02	20.29	3192	20.78	-0.16	15.35	1.4	54.06
14	6.63	20.29	3102	19.6	-0.16	15.1	3.74	54.06
14.04	7.02	20.29	3069	19.21	-0.16	14.72	6.86	53.44
14.06	7.02	20.29	3078	18.03	-0.16	13.53	9.98	53.44
14.08	6.63	20.29	3087	17.25	-0.16	13.58	12.32	53.44
14.12	7.41	19.99	3093	16.86	-0.16	13.08	14.66	53.44
14.16	8.97	19.11	3095	16.46	-0.16	12.88	14.66	52.82
14.18	9.36	17.93	3076	16.46	-0.16	13.08	14.66	52.82
14.2	9.36	17.35	3061	16.07	-0.16	12.88	14.66	52.82
14.24	12.09	16.9	3057	16.07	-0.16	12.19	14.66	52.82
14.26	14.04	16.32	3052	15.68	-0.16	12.24	14.66	52.82
14.28	14.04	15.73	3046	15.68	-0.16	12.44	13.88	52.82
14.32	13.65	14.99	3043	16.46	-0.16	16.47	13.1	52.2
14.36	14.04	14.7	3036	18.42	-0.16	18.33	12.32	52.2
14.41	14.04	14.26	3033	22.74	-0.16	21.08	10.76	52.2
14.42	13.26	13.96	3058	25.09	-0.16	22.5	9.98	52.2
14.44	12.48	13.67	3084	26.26	-0.16	22.5	8.42	52.2
14.48	12.48	13.38	3075	27.05	-0.16	22.75	7.64	52.2
14.5	12.48	13.23	3023	27.44	-0.16	21.67	6.08	52.82
14.54	12.48	12.94	3023	26.66	-0.16	20.25	3.74	52.2
14.58	12.48	12.79	3039	26.26	-0.16	19.86	2.18	52.2
14.6	12.48	12.49	3029	25.09	-0.16	19.02	-0.16	52.2
14.62	12.48	12.35	3026	23.91	-0.16	17.81	-1.72	52.2
14.66	11.31	12.49	3028	23.52	-0.16	18.17	-2.5	52.2
14.68	11.31	12.64	3026	23.13	-0.16	17.65	-3.28	52.2
14.72	11.7	12.79	3018	23.13	-0.16	18.33	-3.28	52.2
14.76	11.31	13.08	3021	22.74	-0.16	17.15	-4.06	52.2
14.78	11.31	13.38	3020	21.95	-0.16	16.66	-4.06	52.2
14.82	11.31	13.67	3012	21.17	-0.16	16.66	-3.28	52.2
14.86	11.31	13.96	3012	21.17	-0.16	16.47	-2.5	51.57
14.88	9.75	14.11	3010	20.78	-0.16	16.03	-2.5	51.57
14.92	8.58	14.26	3002	20.78	-0.16	16.09	-2.5	51.57
14.96	8.58	14.41	3000	19.99	-0.16	15.22	-1.72	51.57
14.98	8.97	14.41	2996	19.6	-0.16	14.41	-1.72	51.57
15.02	8.97	14.55	2992	19.21	-0.16	14.22	-1.72	51.57
15.07	8.58	14.55	2990	18.82	-0.16	14.35	-0.94	51.57
15.08	8.58	14.55	2982	18.03	-0.16	13.86	-0.94	51.57
15.13	8.97	14.41	2980	18.03	-0.16	14.29	-1.72	51.57
15.14	9.36	14.41	2974	18.42	-0.16	14.72	-1.72	51.57
15.18	8.97	14.41	2971	18.42	-0.16	14.29	-1.72	50.95
15.22	8.97	14.41	2968	18.03	-0.16	13.97	-1.72	50.95
15.26	8.97	14.41	2962	18.03	-0.16	14.04	-1.72	50.95
15.28	8.58	14.41	2956	18.03	-0.16	14.41	-1.72	50.95
15.3	7.41	14.41	2955	18.42	-0.16	14.29	-1.72	50.95
15.34	7.02	14.41	2950	18.42	-0.16	14.35	-2.5	50.95
15.36	7.02	14.41	2945	18.03	-0.16	13.23	-2.5	50.95
15.38	7.41	14.55	2942	17.64	-0.16	11.99	-1.72	50.95

15.42	7.02	14.55	2939	16.46	-0.16	11.84	-1.72	50.95
15.44	7.02	14.55	2929	15.68	-0.16	11	-1.72	50.95
15.46	7.02	14.55	2925	14.9	-0.16	10.8	-1.72	50.33
15.5	7.41	14.55	2922	14.5	-0.16	10.85	-2.5	50.33
15.52	7.41	14.41	2916	14.5	-0.16	10.5	-3.28	50.33
15.54	7.41	14.26	2910	14.11	-0.16	9.95	-4.06	50.33
15.58	8.19	14.26	2902	13.72	-0.16	10.35	-4.84	50.33
15.6	9.36	14.11	2887	13.72	-0.16	10.45	-5.62	50.33
15.64	10.53	14.11	2882	13.72	-0.16	10.35	-5.62	49.71
15.66	10.53	14.11	2866	14.5	-0.16	11.89	-5.62	49.71
15.7	10.92	14.11	2863	15.68	-0.16	14.3	-5.62	49.71
15.72	11.31	14.11	2893	18.03	-0.16	15.97	-5.62	49.71
15.76	11.31	14.26	2906	19.21	-0.16	16.9	-5.62	49.71
15.81	11.31	14.41	2918	21.56	-0.16	18.79	-5.62	49.71
15.82	11.7	14.11	2897	23.52	-0.16	19.94	-7.18	49.71
15.84	13.26	13.96	2851	25.09	-0.16	20.33	-7.96	49.71
15.88	15.6	13.96	2857	25.87	-0.16	20.42	-7.96	49.71
15.92	15.6	14.26	2874	27.44	-0.16	23.47	-7.18	49.09
15.94	15.6	14.55	2866	32.14	-0.16	29.62	-6.4	49.71
15.98	15.6	14.7	2869	37.24	-0.16	33.05	-5.62	49.71
16.02	15.6	15.14	2892	41.94	-0.16	34.27	-3.28	49.71
16.06	15.6	15.43	2893	43.12	-0.16	34.76	-2.5	49.71
16.08	15.6	15.88	2887	44.69	-0.16	34.88	1.4	49.71
16.11	15.6	15.88	2895	45.47	-0.16	35.01	2.18	49.71
16.14	15.6	15.73	2907	45.08	-0.16	34.15	2.18	49.71
16.16	15.6	15.43	2912	44.69	-0.16	33.9	1.4	50.33
16.2	15.6	15.14	2912	44.69	-0.16	34.27	0.62	50.33
16.24	15.6	14.85	2926	44.3	-0.16	33.9	0.62	50.33
16.26	15.6	14.85	2930	44.3	-0.16	34.03	1.4	50.33
16.28	15.6	14.7	2934	43.51	-0.16	32.81	1.4	50.33
16.32	15.6	14.7	2938	43.12	-0.16	33.29	1.4	50.33
16.34	15.6	14.7	2949	43.51	-0.16	33.9	2.18	50.95
16.38	15.6	14.7	2953	43.51	-0.16	33.41	2.18	50.95
16.4	15.6	14.85	2957	43.9	-0.16	35.25	2.96	50.95
16.44	15.21	14.85	2963	44.3	-0.16	35.01	3.74	50.95
16.46	15.21	14.85	2972	44.3	-0.16	33.66	4.52	50.95
16.5	15.21	14.99	2978	42.73	-0.16	32.46	4.52	51.57
16.54	15.6	14.85	2986	42.34	-0.16	32.34	4.52	51.57
16.59	15.6	14.85	2989	42.34	-0.16	34.15	3.74	51.57
16.6	15.99	14.7	2999	42.73	-0.16	32.81	2.96	51.57
16.65	16.38	14.7	3005	42.73	-0.16	34.64	2.96	51.57
16.66	16.38	14.7	3011	43.51	-0.16	35.5	2.96	51.57
16.68	16.38	14.7	3019	44.3	-0.16	35.62	2.96	52.2
16.72	16.38	14.7	3023	44.69	-0.16	34.88	2.96	52.2
16.76	16.38	14.7	3030	45.08	-0.16	36.23	2.96	52.2
16.81	16.38	14.85	3041	45.08	-0.16	36.49	2.96	52.2
16.84	16.38	14.85	3045	45.08	-0.16	36.36	3.74	52.2

16.86	16.38	14.85	3055	45.47	-0.16	36.61	4.52	52.82
16.89	15.99	14.85	3061	45.86	-0.16	36.88	4.52	52.82
16.92	15.6	14.85	3068	45.86	-0.16	36.77	4.52	52.82
16.94	15.6	14.85	3076	45.47	-0.16	36.23	4.52	52.82
16.96	15.6	14.85	3081	45.08	-0.16	35.86	4.52	52.82
17	15.6	14.7	3086	44.69	-0.16	35.62	4.52	52.82
17.02	15.6	14.55	3092	43.9	-0.16	34.76	3.74	53.44
17.05	15.99	14.55	3097	43.51	-0.16	34.64	3.74	53.44
17.08	15.99	14.55	3102	43.12	-0.16	34.39	3.74	53.44
17.1	16.38	14.41	3108	43.12	-0.16	35.62	3.74	53.44
17.14	16.38	14.41	3117	43.51	-0.16	36.11	3.74	53.44
17.16	16.38	14.41	3120	43.9	-0.16	35.5	3.74	53.44
17.2	16.38	14.41	3125	43.51	-0.16	36	3.74	53.44
17.24	15.99	14.55	3136	44.3	-0.16	36.89	4.52	54.06
17.28	15.99	14.55	3141	44.69	-0.16	36.88	4.52	54.06
17.3	15.99	14.55	3151	44.69	-0.16	36.27	5.3	54.06
17.32	15.99	14.55	3154	44.3	-0.16	36.23	5.3	54.06
17.34	15.99	14.55	3160	43.9	-0.16	35.86	5.3	54.06
17.38	15.99	14.55	3167	43.51	-0.16	35.74	5.3	54.68
17.4	15.99	14.55	3171	43.51	-0.16	36.5	5.3	54.68
17.44	15.99	14.55	3176	43.9	-0.16	37.28	5.3	54.68
17.48	15.99	14.41	3186	43.9	-0.16	36.49	5.3	54.68
17.52	15.6	14.41	3190	43.51	-0.16	36.88	5.3	54.68
17.56	15.99	14.41	3198	43.51	-0.16	36.11	4.52	55.3
17.58	15.99	14.26	3206	42.73	-0.16	35.74	2.96	55.3
17.6	15.99	14.26	3209	42.73	-0.16	35.25	2.96	55.3
17.64	16.38	14.26	3217	42.34	-0.16	36.24	2.18	55.3
17.69	16.38	14.26	3219	42.73	-0.16	35.62	1.4	55.3
17.7	16.38	14.26	3226	42.34	-0.16	36.11	1.4	55.3
17.75	16.38	14.41	3232	42.73	-0.16	36.63	1.4	55.92
17.76	16.38	14.41	3236	43.12	-0.16	37.01	1.4	55.92
17.8	16.38	14.55	3245	43.51	-0.16	38.08	1.4	55.92
17.84	16.38	14.7	3251	44.3	-0.16	38.22	1.4	55.92
17.86	16.38	14.7	3256	44.3	-0.16	38.49	1.4	55.92
17.88	16.38	14.85	3265	44.69	-0.16	38.89	1.4	56.54
17.92	16.77	14.85	3267	44.69	-0.16	38.08	1.4	55.92
17.94	16.77	14.7	3274	44.69	-0.16	38.62	1.4	56.54
17.98	16.77	14.7	3282	45.08	-0.16	39.96	1.4	56.54
18.03	16.77	14.7	3285	45.47	-0.16	39.96	0.62	56.54
18.04	16.77	14.7	3294	45.86	-0.16	39.29	1.4	56.54
18.08	16.77	14.7	3301	45.86	-0.16	40.09	1.4	56.54
18.1	16.77	14.7	3304	45.47	-0.16	39.96	1.4	57.17
18.12	16.77	14.7	3313	46.26	-0.16	40.23	1.4	57.17
18.16	16.77	14.7	3318	45.86	-0.16	39.29	1.4	57.17
18.21	16.77	14.7	3324	45.47	-0.16	39.96	1.4	57.17
18.22	16.77	14.55	3332	45.86	-0.16	40.36	1.4	57.17
18.26	17.55	14.55	3337	45.47	-0.16	39.16	1.4	57.17

18.31	20.28	14.55	3345	45.08	-0.16	40.23	1.4	57.79
18.32	23.01	14.55	3350	45.08	-0.16	40.79	1.4	57.79
18.36	30.42	14.55	3354	47.82	-0.16	47.62	0.62	57.79
18.38	44.46	14.55	3362	56.84	-0.16	60.02	0.62	57.79
18.42	66.3	14.55	3365	66.64	-0.16	74.63	0.62	57.79
18.46	82.29	14.11	3370	84.28	-0.16	84.61	-0.94	57.79
18.5	95.55	14.11	3360	88.59	-0.16	80.33	-1.72	57.79
18.52	99.45	14.26	3350	88.98	-0.16	82.32	-0.94	57.79
18.56	99.45	14.55	3343	88.98	-0.16	82.55	1.4	57.79
18.58	99.45	14.85	3341	88.98	-0.16	82.09	2.96	57.79
18.62	99.45	14.85	3345	89.38	-0.16	81	3.74	57.79
18.64	99.45	14.7	3344	89.38	-0.16	79.49	3.74	57.79
18.66	99.45	14.41	3350	89.38	-0.16	79.7	2.18	57.79
18.7	99.45	14.11	3355	89.38	-0.16	80.98	1.4	57.79
18.74	99.45	13.82	3363	89.38	-0.16	81	0.62	57.79
18.78	99.45	13.82	3374	89.38	-0.16	81.65	-0.16	58.41
18.82	99.45	13.82	3375	89.38	-0.16	81.69	0.62	58.41
18.84	99.45	13.82	3380	89.38	-0.16	82.78	0.62	58.41
18.88	99.45	13.82	3380	89.38	-0.16	81.65	0.62	58.41
18.9	99.45	13.96	3376	89.38	-0.16	81.48	0.62	58.41
18.94	99.45	13.96	3376	89.38	-0.16	82.32	0.62	58.41
18.96	99.45	13.96	3372	89.38	-0.16	80.77	-0.16	58.41
18.98	99.45	13.96	3372	89.38	-0.16	82.34	-0.16	57.79
19.02	99.45	13.96	3373	89.38	-0.16	81.86	-0.16	58.41
19.04	99.45	13.96	3368	89.38	-0.16	81.67	-0.16	58.41
19.08	99.45	13.96	3366	89.38	-0.16	81.65	-0.16	57.79
19.1	99.45	13.96	3366	89.38	-0.16	82.78	-0.16	57.79
19.14	99.45	13.96	3364	89.38	-0.16	81.23	-0.16	57.79
19.16	99.45	13.96	3371	89.38	-0.16	82.09	-0.16	57.79
19.2	99.45	13.96	3374	89.38	-0.16	82.37	-0.16	58.41
19.22	99.45	13.96	3388	89.38	-0.16	80.76	-0.16	58.41
19.26	99.45	13.96	3396	89.38	-0.16	82.09	-0.16	58.41
19.28	99.45	13.96	3402	89.38	-0.16	81.65	-0.16	58.41
19.3	99.45	13.96	3420	89.38	-0.16	83.01	-0.16	58.41
19.34	99.45	13.96	3433	89.38	-0.16	81.65	-0.16	59.03
19.36	99.45	13.96	3444	89.38	-0.16	83.01	-0.16	59.03
19.4	99.45	13.96	3454	89.38	-0.16	83.46	-0.16	59.65
19.44	99.45	13.96	3483	89.38	-0.16	82.78	-0.16	59.65
19.46	99.45	13.96	3506	89.38	-0.16	82.32	-0.16	60.27
19.5	99.45	13.96	3520	89.38	-0.16	83.69	-0.16	60.89
19.52	99.45	13.96	3534	89.38	-0.16	86.21	-0.16	60.89
19.54	99.45	13.96	3559	88.98	-0.16	84.38	-0.16	60.89
19.58	99.45	13.96	3573	88.98	-0.16	86.21	-0.94	61.52
19.62	99.45	13.96	3594	88.98	-0.16	84.84	-0.94	61.52
19.64	99.45	13.96	3609	88.98	-0.16	85.98	-0.94	62.14
19.66	99.45	13.96	3629	88.98	-0.16	87.13	-0.16	62.14
19.7	99.45	13.96	3648	88.98	-0.16	86.67	-0.16	62.76

19.72	99.45	13.96	3664	88.59	-0.16	87.59	-0.16	62.76
19.74	99.45	13.96	3679	88.59	-0.16	86.44	-0.16	63.38
19.78	99.45	13.96	3698	88.59	-0.16	88.04	-0.16	64
19.8	99.45	13.96	3715	88.59	-0.16	86.21	-0.16	64
19.84	99.45	13.96	3735	88.59	-0.16	87.36	-0.16	64
19.86	99.45	13.96	3746	88.59	-0.16	89.65	-0.16	64.62
19.9	99.45	13.96	3763	88.2	-0.16	90.56	-0.16	64.62
19.92	99.45	14.11	3780	88.2	-0.16	91.71	-0.16	65.24
19.96	99.45	13.96	3794	88.2	-0.16	91.02	-0.16	65.24
19.98	99.45	13.96	3812	88.2	-0.16	90.56	-0.16	65.87
20.02	99.45	13.96	3821	88.2	-0.16	91.74	-0.16	65.87
20.06	99.45	14.11	3841	87.81	-0.16	92.67	-0.16	66.49
20.08	99.45	13.96	3857	87.81	-0.16	91.95	-0.16	66.49
20.12	99.45	14.11	3871	87.81	-0.16	91.97	-0.16	66.49
20.16	99.45	14.11	3886	87.81	-0.16	92.44	-0.16	67.11
20.18	99.45	14.11	3908	87.81	-0.16	93.87	1.4	67.11
20.22	99.45	14.11	3924	87.81	-0.16	92.91	2.18	67.73
20.24	99.45	13.96	3928	87.81	-0.16	98.03	2.18	67.73
20.28	99.45	13.96	3935	87.81	-0.16	94.85	2.96	67.73
20.32	99.45	13.82	3957	87.81	-0.16	93.87	2.18	67.73
20.36	99.45	13.82	3976	87.42	-0.16	95.1	3.74	68.35
20.38	99.45	13.96	3989	87.42	-0.16	95.83	4.52	68.35
20.42	99.45	13.96	4001	87.42	-0.16	96.81	5.3	68.97
20.44	99.45	13.96	4017	87.42	-0.16	95.1	6.08	68.97
20.47	99.45	14.11	4034	87.42	-0.16	96.81	6.86	69.59
20.5	99.45	13.96	4051	87.42	-0.16	97.54	6.86	69.59
20.52	99.45	13.96	4066	87.42	-0.16	95.59	7.64	70.21
20.56	99.45	13.96	4083	87.42	-0.16	97.3	8.42	70.21
20.6	99.45	13.96	4097	87.42	-0.16	100.23	9.2	70.84
20.64	99.45	13.82	4119	87.42	-0.16	98.28	9.2	70.84
20.68	99.45	13.67	4151	87.42	-0.16	97.54	9.2	71.46
20.7	99.45	13.52	4163	87.42	-0.16	100.97	8.42	71.46
20.72	99.45	13.38	4184	87.42	-0.16	100.48	6.86	71.46
20.76	99.45	13.23	4189	87.42	-0.16	102.44	6.08	72.08
20.78	99.45	13.23	4212	87.42	-0.16	102.92	4.52	72.7
20.8	99.45	13.23	4233	87.42	-0.16	101.21	4.52	72.7
20.84	99.45	13.38	4252	87.42	-0.16	103.68	4.52	73.32
20.86	99.45	13.38	4264	87.42	-0.16	104.18	4.52	73.32
20.9	99.45	13.52	4277	87.42	-0.16	105.74	3.74	73.32
20.92	99.45	13.38	4295	87.42	-0.16	105.48	3.74	73.94
20.96	99.45	13.52	4306	87.42	-0.16	106	2.96	73.94
20.98	99.45	13.52	4326	87.42	-0.16	104.69	2.96	74.56
21	99.45	13.52	4334	87.42	-0.16	106.52	2.18	74.56
21.04	99.45	13.52	4356	87.42	-0.16	108.88	2.18	74.56
21.06	99.45	13.52	4367	87.42	-0.16	107.84	1.4	75.19
21.1	99.45	13.52	4385	87.42	-0.16	107.31	1.4	75.81
21.14	99.45	13.67	4402	87.42	-0.16	108.88	1.4	75.81

21.16	99.45	13.67	4413	87.42	-0.16	111.24	1.4	75.81
21.2	99.45	13.67	4441	87.42	-0.16	112.03	0.62	76.43
21.22	99.45	13.67	4440	87.42	-0.16	110.72	0.62	76.43
21.24	99.45	13.67	4467	87.42	-0.16	110.98	0.62	76.43
21.28	99.45	13.67	4483	87.42	-0.16	112.82	-0.16	77.05
21.32	99.45	13.82	4503	87.42	-0.16	113.86	-0.16	77.05
21.34	99.45	13.82	4500	87.42	-0.16	112.03	-0.16	77.67
21.36	99.45	13.82	4525	87.42	-0.16	112.82	0.62	77.67
21.4	99.45	13.82	4531	87.81	-0.16	113.08	-0.16	78.29
21.44	99.45	13.96	4557	87.81	-0.16	114.39	-0.16	78.29
21.48	99.45	13.96	4580	87.81	-0.16	117.05	-0.16	78.91
21.5	99.45	13.96	4580	87.81	-0.16	116.24	-0.16	78.91
21.52	99.45	13.96	4607	87.81	-0.16	117.89	-0.16	79.54
21.56	99.45	13.96	4620	88.2	-0.16	118.73	-0.16	79.54
21.58	99.45	14.11	4634	88.2	-0.16	117.33	0.62	79.54
21.62	99.45	14.11	4638	88.2	-0.16	118.45	0.62	80.16
21.67	99.45	14.11	4664	88.2	-0.16	117.07	0.62	80.16
21.68	99.45	14.11	4676	88.59	-0.16	119.85	1.4	80.16
21.73	99.45	14.11	4707	88.59	-0.16	116.5	1.4	80.78
21.74	99.45	14.11	4723	88.59	-0.16	120.42	1.4	81.4
21.78	99.45	14.11	4725	88.59	-0.16	120.13	1.4	81.4
21.8	99.45	14.11	4759	88.59	-0.16	121.54	1.4	82.02
21.82	99.45	14.11	4760	88.98	-0.16	122.94	1.4	82.02
21.86	99.45	14.11	4786	88.98	-0.16	119.85	2.18	82.02
21.9	99.45	14.11	4796	88.98	-0.16	121.54	2.18	82.64
21.94	99.45	14.11	4817	88.98	-0.16	122.94	2.18	83.26
21.98	99.45	14.11	4837	89.38	-0.16	123.22	2.18	83.26
22	99.45	14.11	4870	89.38	-0.16	123.22	2.96	83.88
22.04	99.45	14.11	4879	89.38	-0.16	124.34	2.96	83.88
22.09	99.45	14.11	4888	89.38	-0.16	123.78	2.96	84.51
22.1	99.45	14.11	4920	89.77	-0.16	123.78	2.96	84.51
22.15	99.45	14.26	4922	89.77	-0.16	124.34	3.74	84.51
22.16	99.45	14.26	4951	89.77	-0.16	125.47	3.74	85.13
22.18	99.45	14.11	4955	89.77	-0.16	127.99	3.74	85.13
22.22	99.45	14.11	4965	90.16	-0.16	124.9	3.74	85.75
22.26	99.45	14.26	4982	90.16	-0.16	127.15	4.52	85.75
22.3	99.45	14.26	5017	90.16	-0.16	128.27	4.52	86.37
22.32	99.45	14.26	5038	90.55	-0.16	127.99	4.52	86.37
22.36	99.45	14.11	5058	90.94	-0.16	131.45	4.52	86.99
22.38	99.45	14.11	5058	91.34	-0.16	129.99	4.52	86.99
22.42	99.45	14.11	5073	91.34	-0.16	131.15	4.52	87.61
22.46	99.45	14.11	5108	91.73	-0.16	133.53	4.52	87.61
22.51	99.45	14.11	5136	92.12	-0.16	133.24	4.52	88.23
22.54	99.45	14.11	5135	92.12	-0.16	134.43	4.52	88.86
22.56	99.45	13.96	5174	92.9	-0.16	133.53	4.52	88.86
22.6	99.45	13.96	5176	93.3	-0.16	134.43	3.74	89.48
22.62	99.45	13.82	5215	93.3	-0.16	135.02	3.74	89.48

22.66	99.45	13.82	5227	93.69	-0.16	135.02	2.96	89.48
22.68	99.45	13.82	5239	93.69	-0.16	135.02	2.96	90.1
22.7	99.45	13.96	5261	93.69	-0.16	135.62	2.96	90.1
22.74	99.45	13.96	5270	94.47	-0.16	136.81	3.74	90.72
22.76	99.45	14.11	5270	94.86	-0.16	135.62	3.74	90.72
22.8	99.45	13.96	5304	94.47	-0.16	136.81	2.96	90.72
22.82	99.45	13.96	5305	94.86	-0.16	139.79	2.96	91.34
22.86	99.45	13.96	5320	95.26	-0.16	138.6	2.96	91.96
22.88	99.45	13.96	5331	95.65	-0.16	138.9	2.96	91.96
22.92	99.45	13.96	5363	95.65	-0.16	139.49	2.96	91.96
22.94	99.45	13.96	5386	96.43	-0.16	139.19	2.18	92.58
22.98	99.45	13.96	5397	96.43	-0.16	139.79	2.18	92.58
23	99.45	13.96	5394	96.82	-0.16	143.37	2.18	93.21
23.04	99.45	13.96	5413	96.82	-0.16	143.07	2.18	93.21
23.06	99.45	13.96	5424	96.82	-0.16	143.69	2.18	93.21
23.08	99.45	13.96	5440	97.22	-0.16	144.01	2.18	93.83
23.12	99.45	13.96	5451	97.61	-0.16	142.47	2.18	93.83
23.16	99.45	13.96	5485	97.61	-0.16	144.01	2.18	94.45
23.18	99.45	13.96	5488	98.39	-0.16	144.95	2.18	94.45
23.22	99.45	13.96	5506	98.39	-0.16	145.55	-0.16	95.07
23.26	99.45	13.96	5546	98.78	-0.16	147.15	-0.16	95.07
23.28	99.45	13.96	5564	98.78	-0.16	145.55	-0.16	95.69
23.32	99.45	13.67	5581	98.78	-0.16	146.83	-0.16	95.69
23.36	99.45	13.38	5583	99.18	-0.16	147.47	-0.16	96.31
23.4	99.45	13.23	5600	99.57	-0.16	148.12	-0.16	96.31
23.44	99.45	13.08	5640	99.57	-0.16	151.34	-0.16	96.93
23.46	99.45	13.08	5637	99.96	-0.16	151.34	-0.16	97.56
23.48	99.45	12.94	5673	99.96	-0.16	152.63	-0.16	97.56
23.52	99.45	12.94	5664	100.35	-0.16	153.27	-0.16	97.56
23.56	99.45	12.94	5705	100.35	-0.16	151.02	-0.16	98.18
23.6	99.45	12.79	5725	100.74	-0.16	154.56	-0.16	98.18
23.64	99.45	12.79	5743	101.14	-0.16	156.49	-0.16	98.8
23.66	99.45	12.79	5739	101.14	-0.16	153.27	-0.16	98.8
23.7	99.45	12.94	5777	101.14	-0.16	153.27	-0.16	99.42
23.72	99.45	12.94	5770	101.14	-0.16	154.56	-0.16	99.42
23.76	99.45	12.94	5805	101.53	-0.16	155.84	-0.16	100.04
23.78	99.45	12.79	5803	101.53	-0.16	158.79	-0.16	100.04
23.81	99.45	12.94	5838	101.53	-0.16	152.63	-0.16	100.04
23.84	99.45	12.94	5828	101.14	-0.16	157.13	-0.16	100.66
23.89	99.45	12.94	5844	101.53	-0.16	156.49	-0.16	100.66
23.9	99.45	12.94	5887	101.14	-0.16	156.17	-0.16	100.66
23.92	99.45	12.94	5876	101.92	-0.16	160.51	-0.16	101.28
23.96	99.45	12.94	5914	102.7	-0.16	158.79	-0.16	101.9
24	99.45	13.08	5934	101.92	-0.16	158.14	-0.16	101.9
24.04	99.45	13.23	5956	102.7	-0.16	161.82	-0.16	101.9
24.08	99.45	13.23	5946	101.92	-0.16	161.13	-0.16	102.53
24.1	99.45	13.23	5963	103.1	-0.16	162.16	-0.16	103.15

24.14	99.45	13.23	5978	103.49	-0.16	166.25	-0.16	103.15
24.16	99.45	13.52	5994	103.88	-0.16	164.53	-0.16	103.15
24.2	99.45	13.52	6007	103.49	-0.16	162.81	-0.16	103.77
24.22	99.45	13.67	6024	103.1	-0.16	165.56	-0.16	103.77
24.24	99.45	13.67	6064	103.49	-0.16	166.25	-0.16	104.39
24.28	99.45	13.67	6049	103.49	-0.16	165.56	-0.16	104.39
24.3	99.45	13.67	6063	103.49	-0.16	168.66	-0.16	104.39
24.34	99.45	13.67	6104	103.49	-0.16	168.66	-0.16	105.01
24.36	99.45	13.67	6126	103.1	-0.16	166.94	-0.16	105.63
24.4	99.45	13.67	6116	103.1	-0.16	167.97	-0.16	105.63
24.42	99.45	13.67	6131	103.1	-0.16	170.38	-0.16	105.63
24.44	99.45	13.67	6172	103.1	-0.16	172.45	-0.16	106.25
24.48	99.45	13.67	6191	102.7	-0.16	173.5	-0.16	106.25
24.52	99.45	13.67	6174	102.7	-0.16	170.73	-0.16	106.88
24.56	99.45	13.67	6199	102.7	-0.16	172.84	-0.16	106.88
24.6	99.45	13.67	6240	102.7	-0.16	173.9	-0.16	107.5
24.64	99.45	13.67	6262	102.31	-0.16	176.4	-0.16	107.5
24.66	99.45	13.67	6245	102.7	-0.16	176.38	-0.16	107.5
24.68	99.45	13.52	6288	102.31	-0.16	175.99	-0.16	108.12
24.72	99.45	13.52	6272	102.31	-0.16	175.62	-0.16	108.12
24.74	99.45	13.52	6316	102.31	-0.16	177.81	-0.16	108.74
24.8	99.45	13.52	6302	101.92	-0.16	175.32	-0.16	108.74
24.82	99.45	13.82	6352	101.92	-0.16	178.5	-0.16	108.74
24.84	99.45	13.96	6337	101.92	-0.16	177.81	-0.16	109.36
24.88	99.45	13.96	6349	101.53	-0.16	177.46	-0.16	109.98
24.9	99.45	13.96	6395	101.92	-0.16	183.61	-0.16	109.98
24.94	99.45	13.96	6413	101.92	-0.16	179.95	-0.16	109.98
24.96	99.45	13.82	6398	101.53	-0.16	183.98	-0.16	110.6
25	99.45	13.82	6413	101.14	-0.16	186.19	-0.16	110.6
25.02	99.45	13.67	6466	101.53	-0.16	184.34	-0.16	111.23
25.06	99.45	13.67	6482	101.14	-0.16	188.03	-0.16	111.23
25.1	99.45	13.67	6473	101.14	-0.16	189.14	-0.16	111.85
25.12	99.45	13.67	6518	100.74	-0.16	188.4	-0.16	111.85
25.17	99.45	13.67	6532	100.74	-0.16	189.53	-0.16	112.47
25.18	99.45	13.52	6520	100.74	-0.16	192.2	-0.16	112.47
25.22	99.45	13.52	6566	100.74	-0.16	189.9	-0.16	112.47
25.26	99.45	13.52	6589	101.14	-0.16	191.01	-0.16	113.09
25.28	99.45	13.52	6572	101.14	-0.16	191.01	-0.16	113.09
25.32	99.45	13.52	6589	101.14	-0.16	191.8	-0.16	113.71
25.34	99.45	13.67	6606	101.14	-0.16	194.46	-0.16	114.33
25.36	99.45	13.67	6653	101.14	-0.16	194.12	-0.16	114.33
25.4	99.45	13.67	6639	101.14	-0.16	192.57	-0.16	114.95
25.44	99.45	13.67	6658	101.14	-0.16	194.86	-0.16	114.95
25.46	99.45	13.67	6705	101.14	-0.16	196.76	-0.16	114.95
25.5	99.45	13.67	6686	101.14	-0.16	197.15	-0.16	115.57
25.54	99.45	13.52	6715	101.14	-0.16	196.78	-0.16	116.2
25.56	99.45	13.67	6722	101.14	-0.16	196.78	-0.16	116.2

25.6	99.45	13.67	6745	101.53	-0.16	201.85	-0.16	116.2
25.64	99.45	13.52	6789	101.53	-0.16	199.08	-0.16	116.82
25.66	99.45	13.67	6780	101.53	-0.16	202.64	-0.16	116.82
25.72	99.45	13.67	6828	101.53	-0.16	203.44	-0.16	117.44
25.74	99.45	13.67	6815	101.53	-0.16	204.62	-0.16	117.44
25.78	99.45	13.67	6865	101.53	-0.16	204.62	-0.16	118.06
25.8	99.45	13.67	6845	101.53	-0.16	204.23	-0.16	118.06
25.84	99.45	13.52	6891	101.53	-0.16	206.6	-0.16	118.68
25.86	99.45	13.52	6915	101.92	-0.16	208.59	-0.16	118.68
25.9	99.45	13.52	6929	101.92	-0.16	207.79	-0.16	119.3
25.94	99.45	13.52	6906	101.92	-0.16	204.23	-0.16	119.3
25.96	99.45	13.38	6924	101.92	-0.16	209.46	-0.16	119.3
26	99.45	13.38	6981	101.92	-0.16	210.59	-0.16	119.92
26.05	99.45	13.38	6996	101.92	-0.16	207	-0.16	119.92
26.06	99.45	13.38	7017	101.92	-0.16	213.13	-0.16	120.55
26.08	99.45	13.38	6996	101.92	-0.16	211.49	-0.16	120.55
26.12	99.45	13.38	7042	101.92	-0.16	213.9	-0.16	121.17
26.14	99.45	13.23	7018	101.53	-0.16	214.35	-0.16	121.17
26.18	99.45	13.23	7078	101.14	-0.16	213.13	-0.16	121.17
26.22	99.45	13.23	7096	101.14	-0.16	214.74	-0.16	121.79
26.24	99.45	13.23	7109	101.53	-0.16	215.99	-0.16	121.79
26.28	99.45	13.08	7076	101.14	-0.16	218.05	-0.16	122.41
26.32	99.45	13.08	7103	101.14	-0.16	214.72	-0.16	122.41
26.36	99.45	13.08	7159	100.35	-0.16	215.59	-0.16	123.03
26.38	99.45	13.08	7172	100.74	-0.16	220.14	-0.16	123.03
26.42	99.45	13.23	7143	100.35	-0.16	218.02	-0.16	123.65
26.44	99.45	13.23	7163	99.57	-0.16	216.83	-0.16	123.65
26.48	99.45	13.08	7206	99.57	-0.16	218.87	-0.16	124.27
26.52	99.45	13.08	7190	99.57	-0.16	214.72	-0.16	124.27
26.54	99.45	13.08	7216	99.18	-0.16	220.98	-0.16	124.9
26.58	99.45	13.23	7222	99.18	-0.16	222.68	-0.16	124.9
26.62	99.45	13.23	7292	99.57	-0.16	213.87	-0.16	124.9
26.64	99.45	13.08	7300	99.57	-0.16	209.38	-0.16	125.52
26.68	99.45	12.79	7310	99.18	-0.16	208.19	-0.16	125.52
26.7	99.45	12.64	7330	99.18	-0.16	208.19	-0.16	125.52
26.74	99.45	12.49	7323	98.78	-0.16	207.79	-0.16	126.14
26.78	99.45	12.35	7308	98.39	-0.16	209.77	-0.16	126.14
26.8	99.45	12.79	7327	98	-0.16	208.19	-0.16	126.76
26.84	99.45	12.94	7397	97.61	-0.16	209.41	-0.16	127.38
26.86	99.45	12.94	7367	97.61	-0.16	212.68	-0.16	127.38
26.92	99.45	13.08	7380	97.61	-0.16	209.38	-0.16	127.38
26.94	99.45	13.08	7396	97.22	-0.16	210.22	-0.16	127.38
26.98	99.45	13.08	7454	97.22	-0.16	208.58	-0.16	128
27	99.45	13.08	7468	97.22	-0.16	212.29	-0.16	128.62
27.04	99.45	13.08	7483	97.22	-0.16	205.02	-0.16	128.62
27.06	99.45	13.08	7510	97.22	-0.16	213.08	-0.16	128.62
27.1	99.45	13.08	7523	97.22	-0.16	213.45	-0.16	129.24

27.12	99.45	12.94	7496	96.82	-0.16	210.65	-0.16	129.24
27.16	99.45	12.94	7548	96.82	-0.16	213.9	-0.16	129.24
27.2	99.45	12.94	7566	96.82	-0.16	211.89	-0.16	129.87
27.28	99.45	12.94	7595	96.82	-0.16	210.22	-0.16	130.49
27.3	99.45	12.94	7575	96.82	-0.16	213.47	-0.16	131.11
27.34	99.45	12.94	7596	96.82	-0.16	211.84	-0.16	131.11
27.38	99.45	12.94	7661	96.82	-0.16	215.96	-0.16	131.73
27.42	99.45	12.94	7629	96.82	-0.16	218.02	-0.16	131.73
27.44	99.45	12.94	7644	96.82	-0.16	214.69	-0.16	131.73
27.48	99.45	12.79	7717	96.82	-0.16	216.75	-0.16	132.35
27.54	99.45	12.79	7729	96.82	-0.16	219.29	-0.16	132.97
27.58	99.45	12.94	7702	96.82	-0.16	219.29	-0.16	132.97
27.62	99.45	12.94	7742	96.82	-0.16	216.38	-0.16	133.59
27.64	99.45	12.94	7747	96.82	-0.16	219.71	-0.16	133.59
27.68	99.45	12.94	7811	96.82	-0.16	220.56	-0.16	133.59
27.72	99.45	12.79	7835	97.22	-0.16	225.21	-0.16	134.22
27.76	99.45	12.79	7843	96.82	-0.16	223.94	-0.16	134.84
27.78	99.45	12.79	7865	96.82	-0.16	222.25	-0.16	134.84
27.82	99.45	12.79	7819	97.22	-0.16	222.25	-0.16	135.46
27.84	99.45	12.64	7894	97.22	-0.16	223.94	-0.16	135.46
27.86	99.45	12.64	7906	97.22	-0.16	226.06	-0.16	135.46
27.9	99.45	12.64	7922	97.22	-0.16	225.21	-0.16	136.08
27.94	99.45	12.64	7879	96.82	-0.16	224.37	-0.16	136.08
27.98	99.45	12.64	7957	96.82	-0.16	226.91	-0.16	136.7
28.03	99.45	12.49	7968	97.22	-0.16	227.75	-0.16	136.7
28.08	99.45	12.64	7985	97.22	-0.16	223.94	-0.16	136.7
28.14	99.45	12.64	7974	97.22	-0.16	225.64	-0.16	137.32
28.18	99.45	12.64	8046	96.82	-0.16	227.75	-0.16	137.94
28.22	99.45	12.64	8011	97.22	-0.16	227.75	-0.16	138.57
28.26	99.45	12.64	8088	96.43	-0.16	230.77	-0.16	138.57
28.32	99.45	12.64	8081	96.43	-0.16	231.26	-0.16	139.19
28.38	99.45	12.79	8126	96.43	-0.16	232.95	-0.16	139.19
28.42	99.45	12.79	8103	95.65	-0.16	235.16	-0.16	139.81
28.44	99.45	12.64	8169	96.04	-0.16	235.62	-0.16	140.43
28.48	99.45	12.64	8186	96.04	-0.16	233.86	-0.16	140.43
28.52	99.45	12.64	8213	95.65	-0.16	232.11	-0.16	141.05
28.58	99.45	12.64	8166	95.65	-0.16	234.8	-0.16	141.05
28.64	99.45	12.79	8227	94.86	-0.16	235.62	-0.16	141.05
28.68	99.45	12.79	8282	95.26	-0.16	240.52	-0.16	141.67
28.72	99.45	12.79	8244	94.47	-0.16	239.16	-0.16	142.29
28.76	99.45	12.79	8314	94.86	-0.16	235.65	-0.16	142.29
28.8	99.45	12.79	8281	94.08	-0.16	236.04	-0.16	142.92
28.86	99.45	12.79	8346	94.47	-0.16	238.28	-0.16	143.54
28.9	99.45	12.79	8377	94.08	-0.16	241.43	-0.16	143.54
28.98	99.45	12.64	8339	93.3	-0.16	237.86	-0.16	144.16
29.02	99.45	12.64	8423	93.69	-0.16	235.62	-0.16	144.16
29.06	99.45	12.64	8419	92.9	-0.16	236.07	-0.16	144.78

29.1	99.45	12.64	8409	93.3	-0.16	237.8	-0.16	144.78
29.14	99.45	12.64	8426	93.3	-0.16	241.89	-0.16	145.4
29.18	99.45	12.64	8435	93.3	-0.16	242.34	-0.16	146.02
29.26	99.45	12.49	8517	92.9	-0.16	243.71	-0.16	146.02
29.31	99.45	12.49	8484	92.9	-0.16	240.07	-0.16	146.64
29.34	99.45	12.49	8551	92.51	-0.16	236.07	-0.16	146.64
29.38	99.45	12.35	8570	92.51	-0.16	243.25	-0.16	147.26
29.44	99.45	12.49	8537	92.51	-0.16	237.47	-0.16	147.26
29.49	99.45	12.49	8610	92.51	-0.16	243.71	-0.16	147.89
29.54	99.45	12.35	8600	92.51	-0.16	240.07	-0.16	147.89
29.58	99.45	12.35	8594	92.12	-0.16	243.25	-0.16	147.89
29.66	99.45	12.35	8680	92.12	-0.16	241.89	-0.16	148.51
29.7	99.45	12.35	8691	92.12	-0.16	241.89	-0.16	149.75
29.74	99.45	12.35	8714	92.51	-0.16	238.25	-0.16	149.75
29.8	99.45	12.35	8688	92.51	-0.16	241.89	-0.16	149.75
29.84	99.45	12.35	8710	92.51	-0.16	241.89	-0.16	150.37
29.9	99.45	12.35	8782	92.51	-0.16	242.34	-0.16	150.37
29.94	99.45	12.35	8808	92.51	-0.16	243.71	-0.16	150.99
30	99.45	12.2	8779	92.51	-0.16	239.16	-0.16	150.99
30.06	99.45	12.2	8823	92.12	-0.16	238.71	-0.16	150.99
30.12	99.45	12.2	8823	92.12	-0.16	242.34	-0.16	151.61
30.2	99.45	12.2	8823	92.12	-0.16	245.07	-0.16	151.61
30.25	99.45	12.2	8849	92.12	-0.16	247.34	-0.16	152.86
30.34	99.45	12.2	8922	92.12	-0.16	241.43	-0.16	152.86
30.48	99.45	12.05	8877	92.12	-0.16	241.89	-0.16	153.48
30.5	99.45	12.05	8962	92.12	-0.16	240.07	-0.16	154.1
30.6	99.45	12.05	8930	92.12	-0.16	238.25	-0.16	154.72
30.64	99.45	12.05	8997	92.12	-0.16	248.25	-0.16	154.72
30.72	99.45	11.91	9014	92.12	-0.16	239.16	-0.16	155.34
30.78	99.45	11.91	8997	92.12	-0.16	244.16	-0.16	155.34
30.84	99.45	11.91	9099	92.12	-0.16	245.07	-0.16	155.96
30.9	99.45	11.91	9069	92.12	-0.16	244.16	-0.16	155.96
30.96	99.45	11.76	9095	92.12	-0.16	242.8	-0.16	156.59
31.04	99.45	11.76	9113	92.12	-0.16	242.34	-0.16	156.59
31.1	99.45	11.76	9113	92.12	-0.16	244.16	-0.16	157.21
31.16	99.45	11.76	9131	92.12	-0.16	243.25	-0.16	157.21
31.22	99.45	11.76	9164	92.12	-0.16	240.07	-0.16	157.83
31.32	99.45	12.05	9069	92.12	-0.16	242.34	-0.16	156.59
31.36	99.45	12.94	9123	92.12	-0.16	248.71	-0.16	155.96
31.44	99.45	13.08	9114	92.12	-0.16	243.25	-0.16	157.21
31.48	99.45	13.82	9143	92.12	-0.16	246.43	-0.16	157.21
31.52	87.75	13.52	9064	92.12	-0.16	241.43	-0.16	157.21
31.6	5.46	13.96	9042	92.12	-0.16	241.89	-0.16	157.21
31.64	0	14.55	9138	92.12	-0.16	239.61	-0.16	157.21
31.72	0	15.29	9097	83.5	-0.16	175.67	-0.16	156.59
31.76	0	14.55	8841	28.62	-0.16	55.01	-0.16	154.72
31.82	0	14.11	8914	21.17	-0.16	44.52	-0.16	153.48

31.86	0	13.52	8786	16.86	-0.16	38.35	-0.16	152.24
31.94	0	13.08	8764	15.68	-0.16	35.86	-0.16	151.61
31.98	0	13.08	8760	14.9	-0.16	34.15	-0.16	150.99
32.06	0	13.67	8715	15.29	-0.16	34.39	-0.16	150.37
32.08	0	14.26	8607	14.9	-0.16	34.52	-0.16	148.51
32.12	0	14.55	8610	15.29	-0.16	33.78	-0.16	147.89
32.18	0	15.14	8537	15.29	-0.16	34.15	-0.16	147.89
32.22	0	16.17	8564	15.29	-0.16	34.64	-0.16	146.64
32.26	0	17.05	8493	15.29	-0.16	34.03	-0.16	146.64
32.31	0	18.23	8488	15.68	-0.16	34.64	-0.16	146.02
32.34	0	18.96	8431	15.68	-0.16	33.9	-0.16	146.02
32.38	0	20.29	8374	15.29	-0.16	33.41	-0.16	145.4
32.44	0	20.29	8353	15.29	-0.16	34.15	-0.16	144.16
32.48	0	20.29	8291	15.68	-0.16	34.76	-0.16	143.54
32.54	0	20.29	8309	15.68	-0.16	33.54	-0.16	142.92
32.58	0	20.29	8266	15.68	-0.16	35.01	-0.16	142.29
32.62	0	20.29	8240	16.07	-0.16	34.88	-0.16	141.67
32.66	0	20.29	8159	15.68	-0.16	34.27	-0.16	141.05
32.7	0	20.29	8136	16.07	-0.16	34.39	-0.16	140.43
32.74	0	20.29	8152	15.68	-0.16	33.41	-0.16	140.43
32.78	0	20.29	8068	15.68	-0.16	34.03	-0.16	139.81
32.82	0	20.29	8102	16.07	-0.16	33.54	-0.16	139.81
32.86	0	20.29	8066	15.68	-0.16	32.34	-0.16	138.57
32.9	0	20.29	8039	15.68	-0.16	32.92	-0.16	138.57
32.94	0	20.29	7978	15.68	-0.16	32.45	-0.16	137.94
32.98	0	20.29	7920	15.68	-0.16	32.69	-0.16	137.32
33.02	0	20.29	7950	15.68	-0.16	32.23	-0.16	136.7
33.06	0	20.29	7916	14.9	-0.16	30.25	-0.16	136.08
33.11	0	20.29	7836	15.29	-0.16	31.9	-0.16	135.46
33.12	0	20.29	7811	16.07	-0.16	34.64	-0.16	135.46
33.14	0	20.29	7833	16.86	-0.16	33.9	-0.16	134.84
33.18	0	20.29	7821	15.68	-0.16	31.35	-0.16	134.22
33.22	0	20.29	7745	14.9	-0.16	30.03	-0.16	134.22
33.24	0	20.29	7724	14.5	-0.16	29.81	-0.16	133.59
33.28	0	20.29	7757	14.9	-0.16	30.47	-0.16	132.97
33.32	0	20.29	7727	15.29	-0.16	31.68	-0.16	132.97
33.34	0	20.29	7706	15.29	-0.16	30.58	-0.16	132.35
33.38	0	20.29	7637	15.29	-0.16	31.46	-0.16	131.73
33.42	0	20.29	7610	14.11	-0.16	26.9	-0.16	131.73
33.44	0	20.29	7627	13.72	-0.16	26.9	-0.16	131.11
33.48	0	20.29	7612	13.33	-0.16	27.1	-0.16	131.11
33.5	0	20.29	7540	13.33	-0.16	26.9	-0.16	130.49
33.54	0	20.29	7567	13.33	-0.16	25.87	-0.16	129.87
33.58	0	20.29	7531	12.94	-0.16	25.87	-0.16	129.87
33.6	0	20.29	7524	12.94	-0.16	25.78	-0.16	129.87
33.65	0	20.29	7496	13.33	-0.16	26.08	-0.16	129.24
33.66	0	20.29	7486	12.94	-0.16	23.13	-0.16	128.62

33.7	0	20.29	7464	9.41	-0.16	14.35	-0.16	128.62
33.72	0	20.29	7400	6.66	-0.16	10.75	-0.16	128
33.74	0	20.29	7374	5.1	-0.16	8.3	-0.16	128
33.78	0	20.29	7346	4.31	0.62	7.27	-0.16	127.38
33.82	0	20.29	7231	3.92	0.62	6.9	-0.16	128
33.84	0	20.29	7102	3.53	0.62	6.52	-0.16	128
33.88	0	20.29	7074	3.53	2.96	6.14	-0.16	127.38
33.92	0	20.29	6994	3.14	2.96	5.92	-0.16	127.38
33.94	0	20.29	6859	3.14	2.96	5.47	-0.16	126.76
33.98	0	20.29	6777	3.14	2.96	5.33	-0.16	126.76
34	0	20.29	6650	3.14	2.96	5.33	-0.16	126.14
34.04	0	20.29	6586	3.14	2.96	5.03	-0.16	126.14
34.06	0	20.29	6499	3.14	2.96	5.15	-0.16	126.14
34.08	0	20.29	6381	3.14	2.96	5.4	-0.16	126.14
34.12	0	20.29	6336	3.14	2.96	5.4	-0.16	125.52
34.14	0	20.29	6257	3.14	2.96	5.29	-0.16	125.52
34.18	0	20.29	6163	3.14	2.96	5.26	-0.16	124.9
34.2	0	20.29	6052	3.14	2.96	5.36	-0.16	124.9
34.24	0	20.29	6008	3.53	2.96	5.5	-0.16	124.9
34.26	0	20.29	5915	3.53	2.96	5.57	-0.16	124.9
34.28	0	20.29	5832	3.53	2.96	5.64	-0.16	124.27
34.32	0	20.29	5785	3.53	2.96	5.54	-0.16	124.27
34.34	0	20.29	5701	3.53	2.96	5.47	-0.16	124.27
34.37	0	20.29	5611	3.53	2.96	5.57	-0.16	123.65
34.4	0	20.29	5554	3.92	2.96	5.67	-0.16	123.65
34.42	0	20.29	5470	3.92	2.96	5.6	-0.16	123.65
34.46	0	20.29	5387	3.92	2.96	5.57	-0.16	123.03
34.5	0	20.29	5333	3.92	2.96	5.6	-0.16	123.03
34.52	0	20.29	5246	3.92	2.96	5.54	-0.16	123.03
34.56	0	20.29	5160	3.92	2.96	5.5	-0.16	122.41
34.6	0	20.29	5073	3.92	2.96	5.47	-0.16	122.41
34.65	0	20.29	4986	4.31	2.96	5.36	-0.16	122.41
34.66	0	20.29	4901	3.92	2.96	5.33	-0.16	121.79
34.68	0	20.29	4839	4.31	2.96	5.33	-0.16	121.79
34.72	0	20.29	4781	4.31	2.96	5.36	-0.16	121.79
34.76	0	20.29	4697	4.31	2.96	5.47	-0.16	121.17
34.78	0	20.29	4631	4.31	2.96	5.5	-0.16	121.17
34.8	0	20.29	4547	4.7	2.96	5.54	-0.16	121.17
34.84	0	20.29	4510	4.7	2.96	5.5	-0.16	120.55
34.86	0	20.29	4448	4.7	2.96	5.43	-0.16	120.55
34.89	0	20.29	4395	4.7	2.96	5.33	-0.16	120.55
34.92	0	20.29	4334	4.7	2.96	5.19	-0.16	120.55
34.94	0	20.29	4241	4.7	2.96	5.26	-0.16	119.92
34.96	0	20.29	4199	4.7	2.96	5.22	-0.16	119.92
35	0	20.29	4148	4.7	2.96	5.29	-0.16	119.92
35.04	0	20.29	4123	4.7	2.96	5.36	-0.16	119.3
35.06	0	20.29	4133	4.7	2.96	5.22	-0.16	119.3

35.08	0	20.29	4071	4.7	2.96	5.26	-0.16	119.3
35.12	0	20.29	4010	5.1	2.96	5.26	-0.16	119.3
35.16	0	20.29	3960	5.1	2.96	5.22	-0.16	118.68
35.18	0	20.29	3884	5.1	2.96	5.29	-0.16	118.68
35.2	0	20.29	3821	5.1	2.96	5.26	-0.16	118.06
35.24	0	20.29	3771	5.1	2.96	5.36	-0.16	118.06
35.26	0	20.29	3706	5.49	2.96	5.43	-0.16	118.06
35.3	0	20.29	3660	5.49	2.96	5.4	-0.16	118.06
35.34	0	20.29	3577	5.88	2.96	5.47	-0.16	117.44
35.38	0	20.29	3510	5.88	2.96	5.4	-0.16	117.44
35.42	0	20.29	3410	5.88	2.96	5.47	-0.16	116.82
35.44	0	20.29	3359	5.88	2.96	5.4	-0.16	116.82
35.46	0	20.29	3307	6.27	2.96	5.33	-0.16	116.82
35.5	0	20.29	3273	6.27	2.96	5.26	-0.16	116.2
35.54	0	20.29	3203	6.27	2.96	5.29	-0.16	116.2
35.59	0	20.29	3133	6.27	2.96	5.33	-0.16	116.2
35.6	0	20.29	3077	6.27	2.96	5.29	-0.16	116.2
35.62	0	20.29	3024	6.66	2.96	5.22	-0.16	115.57
35.64	0	20.29	2968	6.66	2.96	5.36	-0.16	115.57
35.68	0	20.29	2931	6.66	2.96	5.36	-0.16	115.57
35.73	0	20.29	2876	7.06	2.96	5.4	-0.16	114.95
35.74	0	20.29	2817	7.06	2.96	5.36	-0.16	114.95
35.76	0	20.29	2762	7.06	2.96	5.36	-0.16	114.95
35.8	0	20.29	2723	7.45	2.96	5.22	-0.16	114.33
35.82	0	20.29	2662	7.45	2.96	5.29	-0.16	114.33
35.84	0	20.29	2623	7.45	2.96	5.36	-0.16	114.33
35.88	0	20.29	2583	7.45	2.96	5.29	-0.16	114.33
35.92	0	20.29	2524	7.84	2.96	5.22	-0.16	114.33
35.94	0	20.29	2483	7.84	2.96	5.12	-0.16	113.71
35.98	0	20.29	2417	7.84	2.96	5.15	-0.16	113.71
36	0	20.29	2374	8.23	2.96	5.22	-0.16	113.09
36.04	0	20.29	2312	8.23	2.96	5.26	-0.16	113.09
36.06	0	20.29	2268	8.62	2.96	5.19	-0.16	113.09
36.1	0	20.29	2223	8.62	2.96	5.15	-0.16	112.47
36.12	0	20.29	2177	8.62	2.96	5.12	-0.16	112.47
36.18	0	20.29	2056	9.02	2.96	5.19	-0.16	112.47
36.22	0	20.29	2036	9.41	2.96	5.19	-0.16	112.47
36.27	0	20.29	1986	9.41	2.96	5.19	-0.16	111.85
36.28	0	20.29	1907	9.8	2.96	5.22	-0.16	111.85
36.32	0	20.29	1856	10.19	2.96	5.15	-0.16	111.85
36.36	0	20.29	1802	10.19	2.96	5.15	-0.16	111.23
36.38	0	20.29	1748	10.58	2.96	5.26	-0.16	111.23
36.42	0	20.29	1693	10.98	2.96	5.22	-0.16	110.6
36.46	0	20.29	1635	11.37	2.96	5.15	-0.16	110.6
36.48	0	20.29	1576	11.76	2.96	5.15	-0.16	110.6
36.52	0	20.29	1550	11.76	2.96	5.22	-0.16	109.98
36.56	0	20.29	1488	12.54	2.96	5.22	-0.16	109.98

36.58	0	20.29	1453	12.54	2.96	5.22	-0.16	109.98
36.62	0	20.29	1387	13.33	2.96	5.19	-0.16	109.98
36.64	0	20.29	1357	13.33	2.96	5.26	-0.16	109.36
36.68	0	20.29	1286	14.11	2.96	5.22	-0.16	109.36
36.7	0	20.29	1267	14.5	2.96	5.33	-0.16	109.36
36.74	0	20.29	1271	14.9	2.96	5.36	-0.16	109.36
36.76	0	20.29	1284	15.29	2.96	5.29	-0.16	108.74
36.8	0	20.29	1284	15.29	2.96	5.22	-0.16	108.74
36.84	0	20.29	1305	15.29	2.96	5.22	-0.16	108.12
36.86	0	20.29	1321	15.29	2.96	5.09	-0.16	108.12
36.9	0	20.29	1325	14.9	2.96	5.15	-0.16	108.12
36.94	0	20.29	1333	14.9	2.96	5.15	-0.16	107.5
36.96	0	20.29	1332	14.9	2.96	5.22	-0.16	107.5
36.98	0	20.29	1325	14.9	2.96	5.22	-0.16	107.5
37	0	20.29	1324	14.9	2.96	5.19	-0.16	107.5
37.04	0	20.29	1317	14.9	2.96	5.26	-0.16	107.5
37.06	0	20.29	1305	15.29	2.96	5.36	-0.16	106.88
37.1	0	20.29	1303	15.29	2.96	5.33	-0.16	106.88
37.14	0	20.29	1300	15.29	2.96	5.12	-0.16	106.25
37.16	0	20.29	1296	15.29	2.96	5.15	-0.16	106.88
37.18	0	20.29	1299	15.29	2.96	5.22	-0.16	106.25
37.22	0	20.29	1295	15.29	2.96	5.22	-0.16	106.25
37.24	0	20.29	1294	15.29	2.96	5.22	-0.16	106.25
37.26	0	20.29	1291	15.29	2.96	5.19	-0.16	106.25
37.3	0	20.29	1292	15.29	2.96	5.15	-0.16	105.63
37.32	0	20.14	1295	15.29	2.96	5.03	-0.16	105.63
37.34	0	19.4	1295	14.9	2.96	5	-0.16	105.63
37.38	0	18.82	1299	14.9	2.96	5.03	-0.16	105.01
37.42	0	17.79	1303	14.9	2.96	5.09	-0.16	105.01
37.46	0	17.05	1301	14.9	2.96	5.12	-0.16	105.01
37.48	0	16.46	1305	14.9	2.96	5.12	-0.16	105.01
37.5	0	15.88	1308	14.9	2.96	5.12	-0.16	104.39
37.52	0	15.43	1308	14.9	2.96	5.19	-0.16	104.39
37.56	0	14.85	1308	14.9	2.96	5.12	1.4	104.39
37.6	0	14.55	1306	14.9	2.96	5.09	2.18	104.39
37.62	0	14.11	1306	14.9	2.96	5.12	3.74	103.77
37.66	0	13.82	1306	14.9	2.96	5.19	3.74	103.77
37.68	0	13.52	1299	14.9	2.96	5.15	3.74	103.77
37.7	0	13.23	1300	14.9	2.96	5.09	3.74	103.15
37.74	0	13.08	1294	14.9	2.96	5.06	2.96	103.15
37.78	0	12.94	1290	14.9	2.96	5.09	2.96	103.15
37.8	0	13.08	1289	14.9	2.96	5.03	2.96	103.15
37.82	0	13.08	1282	14.9	2.96	5.09	2.18	103.15
37.86	0	13.08	1278	14.9	2.96	5.09	2.18	102.53
37.9	0	13.23	1276	14.9	2.96	5.03	2.18	102.53
37.92	0	13.23	1269	14.9	2.96	5.09	1.4	101.9
37.96	0	13.38	1261	15.29	2.96	5.06	1.4	101.9

37.98	0	13.38	1261	15.29	2.96	5.12	1.4	101.9
38.02	0	13.38	1255	15.29	2.96	5.22	1.4	101.9
38.04	0	13.38	1251	15.29	2.96	5.22	1.4	101.9
38.08	0	13.52	1249	15.68	2.96	5.15	0.62	101.28
38.1	0	13.52	1245	15.68	2.96	5.03	0.62	101.28
38.12	0	13.52	1244	15.68	2.96	5.03	0.62	101.28
38.16	0	13.52	1238	15.68	2.96	5.09	0.62	101.28
38.18	0	13.52	1237	15.68	2.96	5.09	0.62	100.66
38.22	0	13.52	1233	15.68	2.96	5.09	0.62	100.66