

Seconds (s)	RPM (RPM)	Knock	Reta	Mass	Airflo	Throttle Po	Vehicle Spe	Actual AFR	DI Fuel Pre	Boost (PSI)
0	2595	0	35.97	14.43	21.75	14.85	1649.02	-3.92		
0.15	2657	0	35.21	14.43	22.37	14.55	1647.57	-4.21		
0.29	2677	0	35.21	14.04	22.37	14.55	1627.27	-4.35		
0.43	2736	0	35.21	14.43	22.99	14.41	1605.51	-4.64		
0.57	2778	0	34.97	14.43	22.99	14.85	1620.01	-4.64		
0.71	2794	0	35.46	14.43	23.61	14.41	1588.11	-4.93		
0.85	2864	0	36.23	14.43	24.23	14.41	1595.36	-4.93		
0.99	2880	0	34.97	14.43	24.23	14.41	1573.6	-5.08		
1.13	2941	0	36.48	14.43	24.85	14.41	1580.86	-4.93		
1.27	2978	0	36.48	14.43	25.48	14.55	1564.9	-4.93		
1.41	3003	0	36.74	14.82	25.48	14.55	1580.86	-4.93		
1.57	3056	0	25.46	11.31	26.1	14.26	1540.25	-5.8		
1.71	2966	0	8.97	3.9	26.1	22.78	1473.53	-8.99		
1.85	2755	0	6.93	2.73	26.1	29.25	1480.78	-12.04		
1.99	2643	0	7.45	3.12	26.1	29.25	1483.68	-12.33		
2.13	2436	0	6.52	3.12	26.1	29.25	1486.58	-12.33		
2.27	2328	0	7.22	3.12	26.1	29.25	1490.94	-12.33		
2.41	2234	0	7.22	3.51	26.1	29.25	1490.94	-12.18		
2.55	2031	0	6.12	3.51	25.48	29.25	1496.74	-12.04		
2.69	1926	0	5.87	3.51	25.48	29.25	1496.74	-11.89		
2.83	1731	0	5.43	3.9	25.48	29.25	1498.19	-11.89		
2.97	1644	0	5.49	3.9	25.48	29.25	1501.09	-11.6		
3.11	1554	0	5.43	3.9	24.85	29.25	1503.99	-11.46		
3.25	1398	0	7.29	3.9	24.85	29.25	1476.43	-10.73		
3.39	1405	0	4.81	3.12	24.23	29.25	1437.27	-11.17		
3.53	1371	0	5.49	3.9	24.23	20.58	1382.16	-11.31		
3.67	1347	0	5.11	3.51	23.61	16.46	1351.7	-11.46		
3.81	1322	0	5.11	3.51	22.99	15.29	1329.95	-11.46		
3.95	1276	0	5.11	3.51	22.99	14.7	1273.39	-11.31		
4.09	1250	0	4.93	3.51	22.99	14.26	1248.73	-11.46		
4.23	1207	0	4.58	3.51	22.37	13.67	1196.52	-11.31		
4.37	1190	0	4.75	3.51	22.37	13.38	1168.96	-11.31		
4.51	1164	0	4.81	3.51	22.37	12.94	1141.41	-11.17		
4.65	1147	0	4.31	3.51	21.75	12.79	1087.74	-11.02		
4.79	1138	0	4.31	3.51	21.75	12.64	1064.54	-11.17		
4.93	1117	0	4.31	3.51	21.13	12.35	1019.58	-11.17		
5.07	1101	0	4.25	3.51	21.13	12.35	993.47	-11.02		
5.21	1096	0	4.31	3.51	20.51	12.35	976.07	-11.02		
5.35	1081	0	4.2	3.51	20.51	12.49	925.31	-10.88		
5.49	1076	0	4.25	3.51	19.88	12.64	909.35	-11.02		
5.63	1069	0	4.75	3.9	19.26	12.94	865.84	-10.88		
5.77	1063	0	4.09	3.12	19.26	12.94	844.09	-10.88		
5.91	1066	0	3.83	3.51	18.64	13.38	829.59	-10.88		
6.05	1050	0	3.94	3.51	18.02	13.52	788.98	-10.88		
6.19	1036	0	4.2	3.51	17.4	13.67	773.02	-10.88		
6.33	1027	0	3.94	3.51	17.4	13.96	735.32	-10.88		

6.47	1025	0	3.99	3.51	16.78	14.11	720.81	-10.88
6.63	1021	0	3.83	3.51	16.78	14.26	697.61	-10.88
6.77	1009	0	3.83	3.51	14.91	14.41	668.6	-10.73
6.91	1009	0	3.78	3.12	14.91	14.41	648.3	-10.88
7.05	1001	0	3.68	3.12	13.67	14.55	619.29	-10.73
7.19	1001	0	3.73	3.12	13.67	14.55	598.98	-10.88
7.33	1001	0	3.68	3.12	11.81	14.55	568.53	-10.73
7.47	1002	0	3.68	3.12	11.81	14.55	546.77	-10.88
7.61	997	0	3.63	3.12	11.18	14.41	533.72	-10.88
7.75	955	0	3.53	3.12	10.56	14.41	497.46	-10.88
7.89	898	0	3.73	3.9	9.94	14.41	482.96	-10.73
8.03	878	0	3.68	3.12	8.7	14.41	449.6	-10.3
8.17	881	0	3.48	3.12	8.08	14.41	430.75	-10.3
8.31	882	0	3.43	3.12	7.46	14.41	430.75	-10.3
8.45	880	0	3.48	3.12	6.84	14.41	432.2	-10.44
8.59	880	0	3.48	3.12	6.21	14.41	432.2	-10.44
8.73	873	0	3.53	3.12	5.59	14.41	427.85	-10.59
8.87	879	0	3.58	3.12	4.97	14.55	427.85	-10.59
9.01	877	0	3.63	3.12	4.97	14.55	430.75	-10.73
9.15	873	0	3.53	3.12	4.35	14.55	427.85	-10.44
9.29	880	0	3.48	3.12	4.35	14.55	427.85	-10.44
9.43	875	0	3.43	3.12	3.73	14.55	432.2	-10.44
9.57	882	0	3.43	3.12	3.73	14.55	430.75	-10.44
9.73	882	0	6.19	8.58	3.73	14.85	430.75	-10.15
9.85	1111	0	22.89	22.23	3.73	13.52	610.59	-1.45
9.99	1466	0	27.57	24.96	4.35	15.43	965.92	-0.44
10.13	1704	0	30.91	24.18	4.97	15.73	1659.17	-0.73
10.27	1654	0	30.68	21.45	6.21	14.7	1649.02	-0.58
10.41	1565	0	31.13	21.06	8.08	15.14	1654.82	-0.44
10.55	1607	0	31.36	21.84	8.7	14.99	1622.92	-0.15
10.69	1865	0.35	40.18	28.86	9.32	14.85	1630.17	0.44
10.83	2049	0	44.08	22.62	10.56	14.55	1637.42	0.58
10.97	2229	0	50.34	22.62	11.81	14.26	1624.37	0.87
11.11	2390	0	51.58	19.89	11.81	14.55	1630.17	0.87
11.27	2594	0	43.51	15.99	14.29	14.55	1666.42	-1.45
11.39	2732	0	45.53	15.99	14.29	14.55	1644.67	-2.03
11.55	2949	0	41	14.43	15.53	14.7	1651.92	-3.63
11.67	3019	0	41.27	14.82	15.53	14.85	1641.77	-3.92
11.81	3134	0	40.72	15.21	16.78	14.41	1647.57	-4.35
11.97	3242	0	17.86	4.68	17.4	18.67	1543.15	-8.27
12.12	3071	0	7.29	3.12	18.02	29.25	1550.4	-11.02
12.26	2847	0	9.31	3.12	18.02	29.25	1556.2	-12.18
12.4	2739	0	8.88	3.12	18.02	29.25	1557.65	-12.33
12.56	2511	0	8.15	3.9	18.02	29.25	1560.55	-12.33
12.7	2468	0	22.89	13.26	18.64	17.05	1511.24	-10.88
12.84	2597	0	38.3	17.55	18.64	14.41	1589.56	-3.92
12.98	2292	0	36.48	17.55	19.88	13.96	1672.23	-2.9

13.12	2357	0	50.95	31.98	19.88	13.38	1615.66	-1.89
13.26	2459	0	62.79	67.08	21.13	13.38	1686.73	1.89
13.42	2611	0	67.37	24.18	21.75	13.82	1637.42	2.47
13.56	2738	0	67.02	20.67	22.99	14.26	1627.27	1.89
13.7	2802	0	71.71	20.67	23.61	14.41	1637.42	2.18
13.84	2964	0	75.81	19.5	24.85	14.26	1672.23	2.61
14	3014	0	75.06	19.11	25.48	14.41	1641.77	2.47
14.14	3148	0	74.69	19.11	26.72	14.55	1664.97	2.03
14.3	3251	0	79.3	19.5	27.34	14.41	1676.58	2.18
14.46	3376	0	80.89	19.11	28.58	14.41	1649.02	1.89
14.62	3464	0	82.9	19.5	29.2	14.26	1662.07	2.03
14.78	3600	0	84.12	19.5	30.45	14.11	1666.42	1.74
14.92	3665	0	85.35	19.5	31.07	14.11	1662.07	1.74
15.06	3803	0	87.46	19.89	31.69	13.96	1647.57	1.45
15.2	3868	0	87.88	19.89	32.93	13.82	1689.63	1.45
15.34	3987	0	87.04	19.5	33.55	13.82	1666.42	1.02
15.48	4058	0	89.61	19.89	34.18	13.96	1689.63	0.73
15.64	4130	0	88.73	19.89	34.18	13.96	1659.17	0.44
15.78	4190	0	24.85	8.19	36.04	13.08	1669.33	-4.64
15.94	4132	0	19.32	6.63	36.04	20.73	1592.46	-10.01
16.08	3884	0	16.66	2.73	36.04	27.19	1602.61	-12.33
16.22	3759	0	15.53	2.73	36.04	29.25	1605.51	-12.47
16.36	3493	0	12.21	3.12	35.42	29.25	1609.86	-12.33
16.5	3369	0	13.35	7.02	35.42	21.61	1605.51	-12.33
16.64	3327	0	23.66	11.7	35.42	14.85	1528.64	-10.59
16.78	2793	0	18.98	10.92	36.04	14.55	1287.89	-8.41
16.92	3027	0	38.83	17.16	36.04	13.38	1158.81	-6.53
17.06	2975	0	33.01	14.43	36.04	13.52	1598.26	-4.93
17.2	2903	0	39.1	16.38	36.04	14.11	1580.86	-4.79
17.34	2952	0	39.9	15.99	36.66	14.26	1620.01	-4.64
17.5	2963	0	39.9	15.99	36.66	14.55	1647.57	-4.64
17.64	2979	0	41	15.99	36.66	14.7	1641.77	-4.35
17.78	3001	0	41.54	15.6	37.28	14.7	1641.77	-4.21
17.92	3013	0	42.39	15.99	37.28	14.7	1640.32	-4.21
18.06	3020	0	45.24	16.77	37.28	14.99	1669.33	-4.06
18.2	3036	0	51.27	18.33	37.28	14.99	1657.72	-3.05
18.34	3053	0	54.76	19.11	37.28	14.7	1666.42	-2.32
18.48	3072	0	61.75	19.11	37.9	14.11	1664.97	-1.02
18.62	3090	0	46.41	14.04	37.9	12.79	1657.72	-1.89
18.76	3063	0	10.11	5.46	38.52	11.61	1547.5	-9.57
18.9	3057	0	9.66	4.29	38.52	11.76	1461.93	-11.17
19.04	3039	0	12.32	5.07	37.9	11.76	1392.31	-11.6
19.18	3007	0	9.75	4.68	37.28	11.76	1284.99	-11.89
19.32	2991	0	9.13	4.29	37.28	13.96	1287.89	-11.89
19.46	2942	0	8.31	4.29	36.66	20.87	1295.14	-11.89
19.6	2932	0	8.15	4.29	36.66	29.25	1295.14	-12.04
19.74	2899	0	7.45	4.29	36.04	29.25	1298.04	-12.18

19.88	2852	0	7.07	3.9	35.42	29.25	1302.39	-12.04
20.02	2839	0	6.86	3.9	35.42	29.25	1305.29	-12.04
20.16	2790	0	6.45	3.9	34.8	29.25	1309.64	-12.18
20.3	2767	0	6.45	3.9	34.18	29.25	1312.55	-12.18
20.44	2744	0	6.19	3.9	34.18	29.25	1312.55	-12.18
20.58	2696	0	6.12	3.9	33.55	29.25	1312.55	-12.18
20.72	2695	0	7.37	5.07	33.55	21.32	1274.84	-12.33
20.86	2608	0	8.23	6.63	32.31	14.41	1179.12	-11.89
21	2651	0	12.43	8.19	32.31	14.41	1138.51	-11.02
21.14	2595	0	12.43	8.19	32.31	14.26	1074.69	-10.44
21.28	2566	0	19.49	11.7	31.69	13.67	925.31	-9.43
21.42	2558	0	29.77	15.21	31.69	12.79	1183.47	-6.82
21.56	2537	0	29.77	15.21	31.69	13.52	1528.64	-5.22
21.7	2540	0	31.36	14.82	31.69	13.96	1557.65	-4.93
21.84	2527	0	30.68	14.43	31.07	14.26	1547.5	-4.93
21.98	2520	0	31.6	14.82	31.07	14.26	1582.31	-4.35
22.12	2517	0	31.36	14.82	31.07	14.41	1573.6	-4.35
22.26	2514	0	33.01	14.82	31.07	14.55	1599.71	-4.35
22.4	2511	0	33.01	14.82	31.07	14.55	1612.76	-4.5
22.54	2506	0	33.98	14.82	31.07	14.55	1624.37	-4.21
22.68	2494	0	33.25	14.82	31.07	14.7	1640.32	-4.21
22.82	2509	0	37.78	15.99	31.07	14.55	1659.17	-3.77
22.96	2501	0	43.51	17.94	31.07	14.55	1676.58	-2.18
23.1	2509	0	44.95	17.94	31.07	14.55	1679.48	-1.6
23.24	2505	0	44.66	17.94	31.07	14.85	1651.92	-1.45
23.38	2515	0	47.9	18.33	31.07	14.85	1683.83	-0.87
23.52	2533	0	48.2	18.33	31.07	14.99	1654.82	-0.73
23.66	2544	0	49.42	18.33	31.69	14.7	1664.97	-0.44
23.8	2564	0	51.27	18.33	31.69	14.85	1666.42	-0.15
23.94	2558	0	50.95	18.33	31.69	14.85	1662.07	-0.15
24.08	2592	0	52.84	18.33	31.69	14.85	1664.97	0
24.22	2599	0	53.47	18.33	32.31	14.85	1657.72	0.15
24.36	2621	0	56.05	18.72	32.31	14.55	1664.97	0.58
24.5	2652	0	55.72	18.33	32.93	14.55	1669.33	0.58
24.64	2635	0	58.03	18.72	32.93	14.55	1647.57	0.73
24.78	2656	0	58.36	18.33	32.93	14.55	1657.72	0.87
24.92	2674	0	58.69	18.33	32.93	14.55	1669.33	0.87
25.06	2699	0	60.72	18.72	33.55	14.55	1689.63	1.31
25.2	2701	0	61.4	18.72	33.55	14.41	1654.82	1.31
25.34	2720	0	62.44	18.72	33.55	14.41	1669.33	1.45
25.48	2732	0	62.79	18.72	33.55	14.41	1692.53	1.6
25.62	2750	0	62.44	18.72	34.18	14.41	1696.88	1.74
25.76	2764	0	63.83	18.33	34.18	14.41	1640.32	1.6
25.9	2763	0	63.83	18.72	34.18	14.41	1651.92	1.74
26.04	2786	0	65.95	18.33	34.18	14.41	1672.23	1.89
26.18	2795	0	64.89	18.33	34.8	14.41	1659.17	1.74
26.32	2812	0	63.83	17.94	34.8	14.55	1669.33	1.6

26.46	2846	0	64.89	17.94	34.8	14.41	1651.92	1.31
26.6	2850	0	64.18	17.94	35.42	14.41	1659.17	1.16
26.74	2867	0	63.48	17.94	35.42	14.41	1682.38	1.16
26.88	2893	0	65.6	18.33	36.04	14.41	1686.73	1.16
27.02	2921	0	65.24	17.94	36.04	14.41	1654.82	1.16
27.16	2949	0	60.72	17.16	36.66	14.55	1654.82	0.15
27.3	2947	0	59.37	17.16	36.66	14.7	1666.42	0
27.44	2977	0	60.39	17.16	36.66	14.55	1692.53	0
27.58	3009	0	65.24	18.72	37.28	14.55	1693.98	0.44
27.72	3024	0	74.31	21.45	37.28	13.96	1666.42	1.45
27.86	3068	0	90.49	22.62	37.9	13.82	1683.83	4.21
28	3116	0	96.85	23.4	38.52	13.82	1651.92	5.22
28.14	3186	0	94.09	22.62	39.15	13.82	1672.23	5.8
28.28	3221	0	89.61	21.06	39.15	13.96	1651.92	5.22
28.42	3227	0	84.12	19.89	40.39	14.11	1686.73	4.35
28.56	3292	0	78.52	19.5	40.39	14.26	1657.72	2.76
28.7	3320	0	81.28	19.89	41.01	14.11	1689.63	2.47
28.84	3367	0	81.68	19.5	41.63	14.11	1651.92	2.18
28.98	3404	0	81.68	19.89	42.25	14.11	1659.17	2.18
29.14	3421	0	81.28	19.5	42.25	14.11	1649.02	2.18
29.26	3475	0	83.71	19.89	42.87	14.11	1696.88	2.18
29.4	3499	0	83.71	19.89	42.87	14.11	1662.07	2.03
29.54	3539	0	81.28	18.72	44.12	13.96	1693.98	2.03
29.68	3573	0	70.61	17.16	44.12	14.11	1682.38	0.73
29.82	3573	1.75	52.52	14.43	44.12	14.55	1686.73	-1.45
29.96	3592	1.75	45.24	14.43	44.12	14.55	1624.37	-4.5
30.1	3602	1.4	42.67	14.43	44.74	14.55	1640.32	-4.79
30.24	3607	0	40.45	14.43	44.74	14.55	1563.45	-4.79
30.4	3612	0	40.72	14.43	44.74	14.55	1556.2	-4.93
30.52	3619	0	40.18	14.43	44.74	14.7	1532.99	-5.08
30.68	3611	0	38.83	14.04	44.74	14.55	1530.09	-5.37
30.8	3604	0	37.25	14.04	44.74	14.7	1508.34	-5.66
30.94	3614	0	36.99	14.04	44.74	14.85	1461.93	-5.95
31.08	3616	0	36.74	14.04	44.74	14.55	1463.38	-5.95
31.22	3618	0	34.72	13.26	44.74	14.7	1431.47	-6.38
31.38	3616	0	13.96	7.02	44.74	13.96	1337.2	-7.54
31.52	3554	0	11.89	6.24	44.74	13.52	1241.48	-10.59
31.66	3566	0	10.2	5.46	44.12	12.94	1113.85	-11.89
31.8	3537	0	10.48	5.46	44.12	13.52	1060.19	-11.89
31.94	3531	0	10.39	5.46	44.12	21.76	1057.29	-11.89
32.08	3473	0	9.48	5.46	43.5	29.25	1064.54	-11.75
32.24	3443	0	9.05	5.46	42.87	29.25	1070.34	-11.75
32.38	3380	0	8.88	5.07	42.25	29.25	1077.59	-11.75
32.52	3354	0	8.63	5.07	41.63	29.25	1079.04	-11.75
32.66	3311	0	8.46	5.07	41.01	29.25	1084.84	-11.75
32.8	3282	0	7.91	5.07	41.01	29.25	1084.84	-11.75
32.96	3262	0	8.07	5.07	40.39	29.25	1089.2	-11.75

33.1	3235	0	7.91	5.07	39.77	29.25	1092.1	-11.75
33.24	3217	0	7.75	5.07	39.77	29.25	1095	-11.89
33.4	3182	0	7.37	4.68	39.77	29.25	1102.25	-11.75
33.56	3170	0	7.52	4.68	39.15	29.25	1102.25	-11.89
33.72	3152	0	7.37	4.68	39.15	29.25	1106.6	-11.89
33.88	3118	0	7.15	4.68	38.52	29.25	1112.4	-11.89
34.02	3103	0	7.22	4.68	38.52	29.25	1112.4	-11.89
34.18	3084	0	6.93	4.68	38.52	29.25	1116.75	-11.89
34.32	3076	0	6.93	4.68	37.9	29.25	1116.75	-11.89
34.48	3053	0	6.79	4.68	37.9	29.25	1121.1	-11.89
34.62	3048	0	6.65	4.68	37.9	29.25	1124	-12.04
34.76	3020	0	6.52	4.29	37.28	29.25	1126.9	-12.04
34.9	3004	0	6.52	4.29	37.28	29.25	1129.8	-12.04
35.04	2994	0	6.45	4.29	37.28	29.25	1129.8	-12.04
35.2	3017	0	7.91	5.46	37.28	26.02	1089.2	-11.89
35.34	2969	0	8.07	5.85	37.28	14.7	1039.88	-11.89
35.48	2988	0	11.36	7.02	36.66	14.55	934.01	-11.02
35.62	2971	0	9.93	6.63	36.66	14.11	871.65	-11.17
35.76	2945	0	10.86	7.41	36.66	13.96	767.22	-11.02
35.9	2966	0	11.46	7.41	36.66	13.96	713.56	-10.88
36.04	2975	0	10.86	7.02	36.66	13.52	651.2	-10.88
36.18	2947	0	11.06	7.41	36.66	13.67	533.72	-11.02
36.32	2947	0	10.48	7.02	36.66	13.67	477.16	-11.02
36.46	2950	0	10.02	6.63	36.66	13.52	423.5	-11.17
36.6	2929	0	9.75	6.63	36.66	13.38	423.5	-11.31
36.74	2925	0	9.48	6.24	36.66	13.82	423.5	-11.31
36.88	2935	0	10.02	6.63	36.04	13.96	420.59	-11.31
37.02	2927	0	10.57	7.41	36.04	13.96	423.5	-11.17
37.16	2935	0	10.96	7.41	36.04	14.26	423.5	-10.88
37.3	2907	0	10.76	7.41	36.04	14.55	430.75	-10.88
37.44	2908	0	10.96	7.41	36.04	14.85	423.5	-10.88
37.58	2911	0	12.54	8.19	36.04	14.99	420.59	-10.44
37.72	2899	0	12.66	8.19	36.04	14.99	424.95	-10.3
37.86	2885	0	11.06	7.8	36.04	14.85	420.59	-10.59
38	2880	0	11.16	7.41	36.04	14.99	423.5	-10.73
38.14	2896	0	11.06	7.8	36.04	14.85	424.95	-10.73
38.28	2900	0	9.4	6.24	36.04	14.41	423.5	-11.02
38.42	2904	0	8.63	5.85	36.04	14.11	420.59	-11.31
38.56	2909	0	6.65	4.68	36.04	14.41	430.75	-12.04
38.7	2911	0	6.72	4.68	36.04	14.7	424.95	-12.04
38.84	2907	0	5.68	4.29	36.04	14.55	417.69	-12.04
38.98	2900	0	5.68	4.29	36.04	16.61	393.04	-12.18
39.12	2917	0	5.56	4.29	36.04	24.4	395.94	-12.18
39.26	2920	0	5.81	4.29	36.04	29.25	400.29	-12.04
39.4	2916	0	5.75	4.29	36.04	29.25	403.19	-12.18
39.54	2926	0	5.81	4.29	36.04	29.25	406.09	-12.04
39.68	2948	0	5.93	4.29	36.66	29.25	410.44	-12.18

39.82	2955	0	5.93	4.29	36.66	29.25	413.34	-12.18
39.96	2963	0	6.06	4.29	36.66	29.25	417.69	-12.04
40.1	2964	0	5.93	4.29	36.66	29.25	420.59	-12.04
40.24	2966	0	5.87	4.29	36.66	29.25	423.5	-12.04
40.38	2988	0	8.97	6.24	37.28	24.4	423.5	-11.6
40.52	2994	0	15.53	10.53	37.28	17.64	417.69	-10.88
40.66	3029	0	21.77	12.09	37.28	16.02	984.77	-8.27
40.8	3035	0	21.22	11.7	37.28	15.14	1099.35	-7.98
40.94	3067	0	23.86	12.87	37.9	14.55	1137.06	-7.69
41.08	3065	0	23.86	12.48	37.9	12.94	1224.08	-7.4
41.22	3068	0	24.45	12.48	37.9	13.38	1232.78	-7.54
41.36	3078	0	25.26	12.87	37.9	13.38	1235.68	-7.54
41.5	3071	0	25.67	12.87	37.9	14.41	1270.49	-7.25
41.64	3062	0	25.67	12.87	37.9	14.41	1257.43	-7.25
41.78	3055	0	24.85	12.48	37.9	14.41	1270.49	-7.25
41.92	3061	0	25.46	12.87	37.9	14.55	1280.64	-7.25
42.06	3065	0	26.29	12.87	37.9	14.55	1287.89	-6.96
42.2	3053	0	26.29	12.87	37.9	14.55	1283.54	-6.96
42.34	3042	0	26.5	12.87	37.9	14.11	1295.14	-7.11
42.48	3032	0	27.14	12.87	37.28	14.26	1302.39	-6.96
42.62	3004	0	25.67	12.48	37.28	14.7	1315.45	-6.96
42.76	2998	0	26.29	12.87	37.28	14.7	1315.45	-6.96
42.9	2979	0	26.93	12.87	37.28	14.7	1308.19	-6.96
43.04	2976	0	26.08	12.48	36.66	14.7	1329.95	-6.96
43.18	2955	0	26.71	12.87	36.66	15.29	1315.45	-6.96
43.32	2951	0	26.08	12.87	36.66	14.99	1334.3	-6.82
43.46	2926	0	26.93	12.87	36.66	14.55	1334.3	-6.82
43.6	2927	0	28.88	13.65	36.04	14.55	1332.85	-6.67
43.74	2924	0	30.45	13.65	36.04	14.41	1374.91	-6.24
43.88	2911	0	29.54	13.65	36.04	14.41	1438.72	-6.09
44.02	2911	0	30	13.65	36.04	13.82	1438.72	-6.24
44.16	2910	0	30.45	13.65	36.04	14.41	1445.98	-6.09
44.3	2912	0	30	13.65	36.04	14.55	1431.47	-6.09
44.44	2907	0	30	13.65	36.04	14.7	1427.12	-6.09
44.58	2910	0	30.22	13.65	36.04	14.85	1444.53	-6.09
44.72	2908	0	30.45	13.65	36.04	14.55	1434.37	-6.09
44.86	2910	0	30.22	13.65	36.04	15.43	1444.53	-6.09
45	2922	0	30	13.65	36.04	14.55	1444.53	-6.24
45.14	2924	0	30.22	13.65	36.04	14.55	1428.57	-6.24
45.28	2927	0	30.22	13.26	36.04	14.41	1448.88	-6.09
45.42	2925	0	30	13.65	36.04	14.55	1437.27	-6.24
45.56	2947	0	30.68	13.65	36.04	14.41	1437.27	-6.09
45.7	2949	0	31.36	13.65	36.66	13.96	1437.27	-6.09
45.84	2956	0	30.91	13.65	36.66	14.55	1463.38	-6.09
45.98	2957	0	30.91	13.65	36.66	14.55	1444.53	-6.24
46.12	2971	0	30.45	13.65	36.66	14.85	1444.53	-6.09
46.26	2977	0	30.68	13.65	36.66	14.55	1421.32	-6.09

46.4	2986	0	30.91	13.65	36.66	14.7	1428.57	-6.09
46.54	2989	0	30	13.65	36.66	15.43	1445.98	-6.09
46.68	3006	0	31.13	13.65	37.28	14.7	1438.72	-6.09
46.82	3004	0	30.45	13.65	37.28	14.41	1437.27	-6.09
46.96	3017	0	30.22	13.26	37.28	14.41	1414.07	-6.09
47.1	3019	0	29.77	13.26	37.28	14.55	1403.92	-6.38
47.24	3041	0	29.32	13.26	37.28	14.26	1379.26	-6.38
47.38	3051	0	29.1	13.26	37.9	14.26	1389.41	-6.53
47.52	3052	0	28.22	13.26	37.9	14.55	1374.91	-6.53
47.66	3063	0	27.57	12.87	37.9	14.55	1329.95	-6.82
47.8	3071	0	26.71	12.87	37.9	14.7	1329.95	-6.96
47.96	3071	0	27.57	12.87	37.9	14.7	1337.2	-6.82
48.08	3068	0	25.87	12.09	37.9	14.99	1302.39	-6.96
48.22	3078	0	24.65	12.09	37.9	15.29	1287.89	-7.25
48.36	3100	0	26.29	12.48	38.52	14.55	1283.54	-6.96
48.5	3099	0	26.29	12.48	38.52	14.41	1292.24	-7.11
48.64	3100	0	26.08	12.48	38.52	14.41	1284.99	-7.11
48.78	3117	0	26.5	12.48	38.52	14.41	1298.04	-7.11
48.94	3121	0	26.5	12.48	38.52	14.55	1280.64	-7.11
49.06	3127	0	26.08	12.48	38.52	14.55	1277.74	-7.25
49.2	3125	0	26.29	12.48	38.52	13.96	1284.99	-7.11
49.34	3132	0	26.93	12.48	38.52	14.41	1273.39	-7.25
49.5	3142	0	25.46	12.48	38.52	14.85	1260.33	-7.25
49.62	3143	0	26.08	12.48	39.15	14.7	1274.84	-7.25
49.78	3152	0	26.08	12.48	39.15	14.55	1290.79	-7.25
49.9	3155	0	25.26	12.48	39.15	14.85	1283.54	-7.25
50.04	3163	0	26.5	12.48	39.15	15.43	1255.98	-7.25
50.18	3167	0	25.87	12.48	39.15	14.85	1266.13	-7.25
50.32	3171	0	26.71	12.48	39.15	14.55	1267.59	-7.25
50.48	3178	0	26.29	12.48	39.15	14.55	1257.43	-7.25
50.62	3179	0	26.08	12.48	39.15	14.55	1257.43	-7.4
50.76	3197	0	26.29	12.09	39.77	14.26	1241.48	-7.54
50.9	3183	0	9.4	6.63	39.77	13.96	1215.37	-9.28
51.06	3160	0	10.11	5.46	39.77	13.67	1148.66	-10.73
51.2	3179	0	7.45	5.07	39.15	12.79	1042.78	-11.89
51.34	3158	0	7.6	4.68	39.15	13.96	993.47	-11.89
51.48	3142	0	7.6	4.68	39.15	22.05	993.47	-11.89
51.62	3136	0	7.6	4.68	39.15	29.25	994.92	-11.89
51.76	3108	0	7.22	4.68	38.52	29.25	997.82	-11.89
51.9	3096	0	7.37	4.68	38.52	29.25	1002.18	-11.89
52.04	3094	0	7.15	4.68	38.52	29.25	1002.18	-11.89
52.18	3063	0	7.07	4.68	37.9	29.25	1007.98	-11.89
52.34	3058	0	6.93	4.68	37.9	29.25	1007.98	-11.89
52.5	3036	0	6.79	4.68	37.9	29.25	1012.33	-12.04
52.64	3031	0	6.72	4.68	37.28	29.25	1012.33	-12.04
52.78	3010	0	6.65	4.29	37.28	29.25	1018.13	-12.04
52.92	3004	0	6.58	4.29	37.28	29.25	1019.58	-12.04

53.06	2995	0	6.45	4.29	37.28	29.25	1019.58	-12.04
53.2	2984	0	6.45	4.29	37.28	29.25	1022.48	-12.04
53.36	2975	0	6.38	4.29	36.66	29.25	1025.38	-12.04
53.5	2963	0	6.19	4.29	36.66	29.25	1025.38	-12.04
53.64	2961	0	6.06	4.29	36.66	29.25	1028.28	-12.04
53.78	2959	0	6.25	4.29	36.66	29.25	1029.73	-12.04
53.92	2957	0	6.19	4.29	36.66	29.25	1032.63	-12.04
54.08	2952	0	6.19	4.29	36.66	29.25	1032.63	-12.04
54.22	2955	0	6	4.29	36.66	29.25	1035.53	-12.04
54.36	2949	0	6	4.29	36.66	29.25	1035.53	-12.04
54.5	2947	0	6.25	4.29	36.66	29.25	1036.98	-12.04
54.64	2943	0	6	4.29	36.66	29.25	1036.98	-12.04
54.78	2936	0	6	4.29	36.04	29.25	1039.88	-12.04
54.92	2933	0	5.93	4.29	36.04	29.25	1042.78	-12.04
55.06	2928	0	5.87	4.29	36.66	29.25	1045.69	-12.04
55.2	2936	0	5.87	4.29	36.66	29.25	1045.69	-12.04
55.34	2932	0	5.87	4.29	36.04	29.25	1045.69	-12.04
55.48	2920	0	5.75	4.29	36.04	29.25	1047.14	-12.04
55.62	2913	0	5.93	4.29	36.04	29.25	1050.04	-12.18
55.76	2915	0	5.93	4.29	36.04	29.25	1050.04	-12.04
55.9	2909	0	5.81	4.29	36.04	29.25	1052.94	-12.18
56.04	2905	0	5.75	4.29	36.04	29.25	1052.94	-12.04
56.18	2883	0	5.68	4.29	36.04	29.25	1054.39	-12.18
56.32	2876	0	5.68	4.29	35.42	29.25	1057.29	-12.04
56.46	2869	0	5.49	4.29	35.42	29.25	1057.29	-12.18
56.62	2858	0	5.56	4.29	35.42	29.25	1060.19	-12.18
56.78	2849	0	5.49	3.9	35.42	29.25	1060.19	-12.18
56.92	2816	0	5.56	3.9	34.8	29.25	1060.19	-12.18
57.06	2802	0	5.36	3.9	34.8	29.25	1061.64	-12.18
57.2	2757	0	5.11	3.9	34.18	29.25	1064.54	-12.18
57.34	2725	0	5.17	3.9	34.18	29.25	1064.54	-12.18
57.48	2666	0	4.87	3.51	32.93	29.25	1067.44	-12.18
57.62	2632	0	4.87	3.51	32.93	29.25	1067.44	-12.33
57.76	2549	0	4.58	3.12	31.69	29.25	1070.34	-12.33
57.9	2512	0	4.63	3.12	31.69	29.25	1070.34	-12.33
58.04	2465	0	4.58	3.12	31.07	29.25	1070.34	-12.33
58.18	2376	0	4.36	3.12	29.83	29.25	1074.69	-12.33
58.32	2327	0	4.41	3.12	29.2	29.25	1074.69	-12.33
58.46	2199	0	4.41	3.12	27.96	29.25	1074.69	-12.33
58.6	2121	0	4.47	3.12	26.72	29.25	1077.59	-12.33
58.74	2052	0	4.52	3.12	25.48	29.25	1077.59	-12.18
58.88	1903	0	4.52	3.12	23.61	29.25	1079.04	-12.18
59.02	1822	0	4.52	3.12	22.37	29.25	1079.04	-12.18
59.16	1692	0	4.36	3.12	21.13	29.25	1081.94	-12.04
59.3	1610	0	4.36	3.12	19.88	29.25	1081.94	-12.04
59.44	1551	0	4.31	3.12	19.88	29.25	1081.94	-11.89
59.58	1417	0	4.36	3.12	17.4	29.25	1084.84	-11.75

59.72	1363	0	4.31	3.12	17.4	29.25	1084.84	-11.6
59.86	1248	0	4.31	3.12	15.53	29.25	1087.74	-11.6
60	1189	0	4.25	3.12	15.53	29.25	1089.2	-11.46
60.14	1133	0	4.36	3.12	14.29	29.25	1089.2	-11.31
60.28	1017	0	5.24	4.29	13.67	29.25	1081.94	-11.02
60.42	975	0	4.52	3.51	12.43	29.25	1064.54	-10.59
60.56	950	0	3.39	3.12	11.18	29.25	1019.58	-10.44
60.7	946	0	3.39	3.12	10.56	29.25	1000.73	-10.59
60.84	958	0	3.43	3.12	9.94	28.67	980.42	-10.73
60.98	938	0	3.94	3.51	9.32	23.37	942.71	-10.59
61.12	933	0	3.68	3.12	8.08	21.02	925.31	-10.59
61.26	926	0	3.48	3.12	7.46	19.7	886.15	-10.59
61.4	908	0	3.53	3.12	6.84	18.96	868.75	-10.59
61.54	893	0	3.58	3.12	6.84	18.38	851.34	-10.44
61.68	873	0	3.53	3.12	4.97	17.93	819.43	-10.44
61.82	873	0	3.63	3.12	4.97	17.64	799.13	-10.44
61.96	889	0	3.58	3.12	3.73	17.05	762.87	-10.44
62.1	889	0	3.63	3.12	3.73	16.46	742.57	-10.44
62.24	884	0	3.63	3.12	3.11	16.17	722.26	-10.44
62.38	891	0	3.63	3.12	3.11	15.73	686	-10.59
62.52	895	0	3.68	3.12	2.49	15.43	665.7	-10.59
62.66	868	0	3.63	3.12	2.49	15.14	627.99	-10.44
62.8	875	0	3.58	3.12	2.49	14.99	610.59	-10.44
62.94	879	0	3.53	3.12	1.86	14.99	591.73	-10.44
63.08	885	0	3.48	3.12	1.86	14.99	554.02	-10.3
63.22	885	0	3.48	3.12	1.24	14.85	542.42	-10.3
63.36	880	0	3.39	3.12	1.24	14.7	504.71	-10.44
63.5	878	0	3.43	3.12	0.62	14.41	487.31	-10.44
63.64	879	0	3.43	3.12	0.62	14.41	469.91	-10.44
63.78	872	0	3.53	3.12	0	14.26	435.1	-10.59
63.92	869	0	3.48	3.12	0	14.26	430.75	-10.59
64.06	867	0	3.3	3.12	0	14.26	438	-10.59
64.2	864	0	3.25	3.12	0	14.26	435.1	-10.44
64.34	861	0	3.21	3.12	0	14.26	438	-10.44
64.48	848	0	3.34	3.12	0	14.11	432.2	-10.59
64.62	845	0	3.39	3.12	0	14.11	432.2	-10.59
64.78	839	0	3.12	2.73	0	14.11	435.1	-10.44
64.9	838	0	3.12	2.73	0	14.11	440.9	-10.44
65.04	830	0	3.21	2.73	0	13.96	438	-10.59
65.18	824	0	3.12	2.73	0	13.96	435.1	-10.44
65.32	819	0	3.12	2.73	0	13.96	438	-10.44
65.46	814	0	3.16	2.73	0	13.96	432.2	-10.44
65.6	809	0	3.03	2.73	0	13.96	432.2	-10.3
65.74	806	0	3.16	2.73	0	13.96	438	-10.44
65.88	794	0	3.07	2.73	0	13.96	432.2	-10.3
66.02	798	0	3.16	2.73	0	13.96	438	-10.44
66.16	800	0	2.95	2.73	0	13.96	432.2	-10.44

66.3	796	0	3.03	2.73	0	13.96	435.1	-10.44
66.44	796	0	3.03	2.73	0	13.96	432.2	-10.59
66.58	787	0	3.07	2.73	0	13.96	438	-10.59
66.74	784	0	2.95	2.73	0	13.82	438	-10.44
66.88	776	0	2.99	2.73	0	13.82	438	-10.59
67.02	773	0	2.83	2.73	0	13.82	442.35	-10.44
67.16	769	0	2.99	2.73	0	13.82	440.9	-10.59
67.3	759	0	2.99	2.73	0	13.82	440.9	-10.59
67.44	758	0	2.87	2.73	0	13.82	432.2	-10.44
67.58	748	0	2.71	2.34	0	13.82	435.1	-10.59
67.72	744	0	2.79	2.73	0	13.82	440.9	-10.59
67.86	745	0	2.75	2.73	0	13.82	438	-10.59
68	746	0	2.71	2.73	0	13.82	440.9	-10.44
68.14	749	0	2.83	2.73	0	13.82	442.35	-10.59
68.28	743	0	2.79	2.73	0	13.82	438	-10.59
68.42	742	0	2.67	2.73	0	13.82	438	-10.44
68.56	744	0	2.83	2.73	0	13.82	438	-10.59
68.7	733	0	2.79	2.73	0	13.82	442.35	-10.59
68.84	734	0	2.67	2.73	0	13.96	438	-10.3
68.98	733	0	2.71	2.73	0	13.96	440.9	-10.44
69.12	732	0	2.79	2.73	0	13.96	438	-10.44
69.26	730	0	2.79	2.73	0	14.11	440.9	-10.44
69.42	733	0	2.83	2.73	0	14.11	438	-10.44
69.58	732	0	2.71	2.34	0	14.11	438	-10.3
69.74	736	0	2.67	2.73	0	14.11	442.35	-10.3
69.9	736	0	2.71	2.73	0	14.11	442.35	-10.44
70.04	738	0	2.79	2.73	0	14.26	440.9	-10.44
70.18	741	0	2.75	2.34	0	14.11	435.1	-10.44
70.32	737	0	2.79	2.34	0	14.26	440.9	-10.44
70.48	734	0	2.71	2.34	0	14.26	438	-10.44
70.64	731	0	2.67	2.34	0	14.26	440.9	-10.44
70.8	737	0	2.64	2.34	0	14.26	440.9	-10.44
70.96	733	0	2.79	2.34	0	14.26	438	-10.73
71.12	734	0	2.71	2.34	0	14.26	440.9	-10.44
71.28	733	0	2.75	2.34	0	14.26	442.35	-10.44
71.44	744	0	3.03	5.07	0	14.26	438	-10.59
71.58	784	0	18.02	14.43	0	13.67	487.31	-2.47
71.74	1036	0	20.34	18.72	0	14.11	784.63	-1.02
71.88	1194	0	23.27	27.69	0.62	15.58	1344.45	-0.29
72.04	1210	0	24.45	27.69	0.62	15.29	1385.06	-0.15
72.18	1345	0	25.67	26.52	3.11	14.55	1406.82	-0.15
72.32	1403	0	26.71	24.18	3.11	15.88	1528.64	-0.15
72.48	1361	0	24.05	18.33	4.35	14.26	1550.4	0
72.62	1383	0	22.7	15.21	5.59	14.55	1543.15	-1.16
72.76	1356	0	22.51	14.04	6.84	14.55	1530.09	-1.45
72.9	1489	0	27.57	16.77	7.46	14.41	1503.99	-1.16
73.04	1662	0	27.35	14.43	8.08	13.96	1657.72	-1.16

73.18	1710	0	9.31	3.12	9.32	14.26	1622.92	-8.41
73.32	1659	0	6.06	3.12	9.32	17.49	1598.26	-10.01
73.46	1611	0	6.45	3.12	9.94	19.99	1599.71	-10.88
73.6	1439	0	6.19	3.9	9.32	24.55	1599.71	-11.02
73.74	1418	0	6.25	3.51	9.32	21.9	1560.55	-11.02
73.88	1422	0	5.24	3.12	8.7	15.73	1493.84	-11.31
74.02	1400	0	5.49	4.68	8.08	13.82	1459.03	-11.46
74.16	1385	0	5.56	3.51	8.08	13.08	1427.12	-11.17
74.3	1350	0	5.62	3.51	6.21	12.94	1369.11	-11.31
74.44	1339	0	4.87	3.51	6.21	12.79	1343	-11.31
74.58	1289	0	5.3	3.9	5.59	12.79	1284.99	-11.31
74.72	1272	0	6.52	4.68	5.59	12.94	1260.33	-10.59
74.86	1274	0	5.17	3.9	4.97	12.94	1225.53	-10.59
75	1304	0	21.4	14.04	4.97	13.82	1158.81	-8.27
75.14	1467	0	30.45	18.33	4.97	13.67	1173.31	-2.9
75.28	2147	0	38.83	22.23	4.97	13.52	1675.13	-1.31
75.42	2137	0	30.91	15.21	5.59	14.11	1669.33	-2.03
75.56	1923	0	29.54	15.6	8.08	14.41	1649.02	-3.05
75.7	1567	0	27.35	15.6	9.32	14.41	1675.13	-1.45
75.84	1717	0	33.74	19.89	9.32	14.55	1651.92	-1.02
75.98	2055	0	35.46	17.16	10.56	14.26	1627.27	-0.87
76.12	2088	0	38.04	17.55	11.18	14.7	1682.38	-1.16
76.26	2224	0	39.36	17.94	11.18	14.41	1644.67	-1.02
76.4	2460	0	12.54	5.07	13.05	14.11	1647.57	-5.51
76.54	2383	0	7.83	4.29	13.05	12.64	1557.65	-9.43
76.7	2340	0	6.25	3.9	13.67	12.35	1451.78	-11.6
76.84	2213	0	6.65	3.51	13.67	14.55	1453.23	-11.75
76.98	1987	0	6.19	3.9	13.67	18.08	1459.03	-11.75
77.12	1880	0	6.86	4.29	13.67	23.08	1459.03	-11.6
77.26	1769	0	6.72	4.29	13.67	24.99	1459.03	-11.46
77.4	1764	0	16.95	11.31	13.67	16.32	1361.86	-8.85
77.54	1794	0	30.45	15.6	13.67	14.55	1263.23	-5.22
77.68	1743	0	26.08	14.82	14.29	13.52	1560.55	-3.19
77.82	1819	0	27.78	15.21	14.91	13.38	1563.45	-3.05
77.96	1826	0	28.88	15.21	15.53	13.38	1637.42	-2.76
78.1	1947	0	32.54	16.38	16.16	13.67	1644.67	-2.18
78.24	1976	0	32.3	15.99	16.78	14.11	1662.07	-2.03
78.38	2105	0	35.21	15.99	17.4	14.41	1662.07	-2.03
78.52	2148	0	34.72	15.6	18.02	14.41	1679.48	-2.18
78.66	2202	0	34.23	15.21	18.02	14.55	1641.77	-2.47
78.8	2302	0	31.6	14.04	19.26	14.85	1640.32	-3.34
78.94	2350	0	31.13	13.65	19.26	14.7	1609.86	-3.63
79.08	2440	0	30.45	13.26	20.51	14.41	1570.7	-4.5
79.22	2465	0	29.77	12.87	20.51	13.96	1553.3	-4.79
79.36	2516	0	28.66	12.87	21.13	14.41	1556.2	-5.22
79.5	2580	0	28.44	12.87	21.75	14.55	1503.99	-5.51
79.64	2603	0	29.32	12.87	21.75	14.55	1496.74	-5.66

79.78	2669	0	29.32	12.87	22.37	14.55	1496.74	-5.8
79.92	2697	0	29.1	12.87	22.99	14.55	1483.68	-5.95
80.06	2734	0	29.32	13.26	22.99	15.29	1473.53	-5.95
80.2	2786	0	28.88	13.26	23.61	14.55	1453.23	-6.09
80.34	2827	0	29.32	13.26	23.61	14.7	1441.62	-6.24
80.48	2881	0	30.91	13.65	24.23	14.55	1476.43	-6.09
80.62	2900	0	31.83	14.04	24.85	14.55	1463.38	-5.8
80.76	2932	0	32.3	14.04	24.85	14.41	1486.58	-5.8
80.9	2991	0	33.98	14.43	25.48	13.96	1496.74	-5.66
81.04	3024	0	34.47	14.43	25.48	14.41	1538.8	-5.51
81.18	3056	0	8.38	6.24	26.1	14.26	1399.56	-7.69
81.32	2927	0	8.31	3.12	26.1	21.02	1374.91	-10.73
81.46	2809	0	5.43	3.12	26.1	27.64	1377.81	-11.89
81.6	2586	0	6.65	3.12	26.1	29.25	1382.16	-12.33
81.74	2486	0	9.13	7.02	26.1	20.43	1382.16	-12.33
81.88	2648	0	42.95	19.11	26.1	14.11	1573.6	-3.63
82.02	2595	0	44.37	19.89	26.1	13.82	1649.02	-2.61
82.16	2387	0	47.31	21.84	27.34	13.52	1686.73	-1.31
82.3	2269	0	48.81	22.62	27.96	14.11	1659.17	0.29
82.44	2273	0	50.03	22.23	27.96	14.26	1675.13	0.73
82.58	2327	0	42.95	16.77	29.2	14.55	1659.17	-0.44
82.72	2402	0	41.82	16.38	29.2	14.55	1649.02	-0.87
82.86	2393	0	42.1	15.99	29.2	14.7	1657.72	-1.02
83	2467	0	41.27	15.99	30.45	14.7	1654.82	-1.45
83.14	2491	0	42.95	15.6	30.45	14.55	1672.23	-1.74
83.28	2543	0	41.27	15.6	31.69	14.55	1662.07	-2.18
83.42	2565	0	41.27	15.6	31.69	14.55	1683.83	-2.47
83.56	2595	0	41	15.21	31.69	14.7	1659.17	-2.61
83.7	2660	0	41.54	15.6	32.31	14.55	1659.17	-2.9
83.84	2671	0	41.82	15.6	32.93	14.7	1669.33	-2.9
83.98	2712	0	41.27	15.6	33.55	14.85	1654.82	-3.19
84.12	2734	0	41.82	15.21	33.55	14.7	1669.33	-3.19
84.26	2760	0	42.39	15.6	34.18	14.7	1676.58	-3.19
84.4	2809	0	42.67	15.6	34.8	14.85	1662.07	-3.48
84.54	2830	0	42.95	15.6	34.8	14.55	1675.13	-3.34
84.68	2868	0	42.1	15.21	35.42	14.85	1662.07	-3.63
84.82	2899	0	41.27	15.21	36.04	14.85	1675.13	-3.63
84.96	2910	0	40.18	14.82	36.04	14.55	1675.13	-3.63
85.1	2948	0	39.9	14.82	36.66	14.7	1649.02	-3.63
85.24	2972	0	38.3	15.21	36.66	14.55	1649.02	-3.63
85.38	3007	0	38.3	14.82	37.28	14.55	1634.52	-3.77
85.52	3024	0	39.1	14.82	37.28	14.7	1615.66	-3.92
85.66	3039	0	37.51	14.82	37.28	14.7	1617.11	-3.92
85.8	3073	0	38.3	14.82	37.9	14.7	1582.31	-4.21
85.94	3086	0	36.74	14.43	37.9	14.26	1582.31	-4.35
86.08	3067	0	16.66	6.63	38.52	13.96	1459.03	-8.85
86.22	2982	0	7.22	3.12	38.52	20.43	1451.78	-10.73

86.36	2873	0	5.49	2.73	38.52	26.17	1453.23	-11.89
86.5	2657	0	7.83	3.12	38.52	29.25	1459.03	-12.33
86.64	2543	0	7.37	3.12	38.52	29.25	1459.03	-12.33
86.8	2329	0	7.52	5.85	38.52	29.25	1459.03	-12.33
86.94	2299	0	14.73	9.75	38.52	16.9	1406.82	-11.31
87.08	2401	0	18.34	10.53	37.9	14.7	1312.55	-7.69
87.22	2336	0	17.71	10.14	38.52	14.11	1232.78	-7.69
87.36	2393	0	20.52	10.92	38.52	13.38	1206.67	-7.54
87.5	2390	0	27.57	14.04	38.52	13.38	1327.05	-6.38
87.64	2408	0	29.32	14.43	38.52	13.82	1501.09	-5.22
87.78	2409	0	26.71	13.26	39.15	14.41	1550.4	-5.22
87.94	2417	0	27.35	13.26	39.15	14.55	1518.49	-5.37
88.08	2429	0	27.14	12.87	39.15	14.55	1501.09	-5.51
88.22	2440	0	27.14	12.87	39.15	14.55	1493.84	-5.51
88.36	2444	0	27.35	12.87	39.77	14.7	1490.94	-5.66
88.5	2459	0	27.14	12.87	39.77	14.55	1498.19	-5.51
88.64	2459	0	26.29	12.87	39.77	14.55	1496.74	-5.66
88.78	2476	0	26.71	12.87	39.77	14.55	1476.43	-5.8
88.92	2486	0	27.57	12.87	40.39	14.41	1480.78	-5.66
89.06	2490	0	26.71	12.87	40.39	14.55	1480.78	-5.66
89.22	2500	0	26.5	12.48	40.39	14.41	1470.63	-5.8
89.42	2505	0	27.14	12.48	40.39	14.11	1483.68	-5.95
89.58	2518	0	27.78	12.87	41.01	14.55	1476.43	-5.95
89.74	2526	0	25.87	12.09	41.01	14.7	1463.38	-6.09
89.9	2533	0	23.08	11.31	41.01	14.85	1379.26	-6.82
90.04	2542	0	24.05	11.7	41.01	14.85	1350.25	-6.82
90.18	2547	0	23.86	11.7	41.63	14.7	1372.01	-6.67
90.32	2556	0	23.47	11.7	41.63	14.85	1344.45	-6.82
90.46	2559	0	33.01	16.77	41.63	15.29	1369.11	-6.09
90.62	2598	0	61.75	66.69	41.63	14.41	1692.53	0.58
90.78	2597	0	71.71	68.25	42.25	13.38	1651.92	1.74
90.92	2647	0	85.77	68.25	42.25	13.08	1649.02	4.64
91.06	2647	0	95	68.25	42.87	13.52	1686.73	6.67
91.2	2699	0	121.1	68.25	43.5	13.38	1640.32	11.17
91.34	2719	0	138.62	68.64	44.12	12.49	1666.42	14.07
91.48	2776	0	142.79	68.64	44.74	12.79	1633.07	18.27
91.62	2797	0	141	68.64	45.36	12.94	1640.32	17.69
91.76	2819	0	133.37	69.03	45.98	12.79	1675.13	16.82
91.9	2881	0	147.05	69.03	46.6	12.79	1630.17	16.82
92.04	2917	0	140.41	69.42	47.22	12.79	1717.19	16.82
92.18	2984	0	150.16	69.42	47.85	12.79	1693.98	16.39
92.32	3010	0	149.54	69.81	49.09	12.64	1651.92	16.39
92.46	3053	0	147.67	69.81	49.09	10	1709.93	16.24
92.6	2851	0	10.02	6.63	49.71	10.58	1683.83	-3.34
92.74	3138	0	8.23	4.68	49.71	11.61	1676.58	-8.27
92.88	3090	0	11.26	4.29	49.71	10.29	1486.58	-11.31
93.02	3002	0	11.67	4.68	49.71	11.61	1427.12	-11.6

93.16	3055	0	10.67	4.68	49.09	13.67	1427.12	-11.75
93.3	3003	0	8.88	4.68	49.09	19.11	1437.27	-11.89
93.44	3007	0	8.31	4.29	48.47	26.9	1441.62	-11.89
93.58	2969	0	7.52	4.29	48.47	29.25	1448.88	-11.89
93.72	2951	0	7.29	4.29	47.85	29.25	1451.78	-11.89
93.86	2933	0	7.07	4.29	47.85	29.25	1453.23	-11.89
94	2903	0	6.58	4.29	47.22	29.25	1461.93	-12.04
94.14	2884	0	6.58	4.29	46.6	29.25	1463.38	-12.04
94.28	2851	0	6.19	3.9	46.6	29.25	1469.18	-12.04
94.42	2833	0	6.19	3.9	45.98	29.25	1470.63	-12.18
94.56	2820	0	6.06	3.9	45.98	29.25	1473.53	-12.04
94.7	2788	0	6	3.9	45.36	29.25	1479.33	-12.18
94.84	2779	0	5.87	3.9	45.36	29.25	1479.33	-12.18
94.98	2760	0	5.68	3.9	44.74	29.25	1483.68	-12.18
95.12	2746	0	5.81	3.9	44.74	29.25	1486.58	-12.18
95.26	2733	0	5.81	3.9	44.74	29.25	1488.03	-12.18
95.4	2707	0	5.62	3.9	44.12	29.25	1493.84	-12.18
95.54	2698	0	5.56	3.51	44.12	29.25	1493.84	-12.18
95.68	2674	0	5.49	3.51	43.5	29.25	1498.19	-12.33
95.82	2656	0	5.49	3.51	43.5	29.25	1501.09	-12.33
95.96	2650	0	5.36	3.51	42.87	29.25	1501.09	-12.33
96.1	2630	0	5.3	3.51	42.87	29.25	1505.44	-12.33
96.24	2621	0	5.43	3.51	42.25	29.25	1508.34	-12.33
96.38	2595	0	5.3	3.51	42.25	29.25	1511.24	-12.33
96.52	2585	0	5.36	3.51	42.25	29.25	1511.24	-12.33
96.66	2580	0	5.24	3.51	42.25	29.25	1514.14	-12.33
96.82	2554	0	5.11	3.12	41.63	29.25	1515.59	-12.33
96.96	2542	0	5.11	3.12	41.63	29.25	1518.49	-12.33
97.1	2527	0	5.11	3.12	41.01	29.25	1522.84	-12.33
97.24	2521	0	5.11	3.12	41.01	29.25	1522.84	-12.33
97.38	2511	0	5.17	3.12	41.01	29.25	1522.84	-12.33
97.52	2492	0	5.11	3.12	40.39	29.25	1528.64	-12.33
97.66	2489	0	5.17	3.12	40.39	29.25	1530.09	-12.33
97.8	2472	0	4.99	3.12	40.39	29.25	1532.99	-12.33
97.94	2466	0	4.93	3.12	40.39	29.25	1535.9	-12.33
98.08	2451	0	5.05	3.12	39.77	29.25	1538.8	-12.33
98.22	2444	0	4.99	3.12	39.77	29.25	1538.8	-12.33
98.36	2440	0	4.87	3.12	39.77	29.25	1540.25	-12.33
98.5	2422	0	4.87	3.12	39.15	29.25	1543.15	-12.33
98.64	2413	0	4.81	3.12	39.15	29.25	1546.05	-12.33
98.78	2401	0	4.93	3.12	39.15	29.25	1547.5	-12.33
98.92	2392	0	4.87	3.12	39.15	29.25	1550.4	-12.33
99.06	2382	0	4.81	3.12	39.15	29.25	1550.4	-12.33
99.2	2369	0	4.81	2.73	38.52	29.25	1553.3	-12.33
99.34	2366	0	4.87	2.73	38.52	29.25	1556.2	-12.33
99.48	2350	0	4.75	2.73	37.9	29.25	1557.65	-12.33
99.62	2340	0	4.75	2.73	37.9	29.25	1557.65	-12.33

99.76	2334	0	4.75	2.73	37.9	29.25	1560.55	-12.33
99.9	2318	0	4.81	2.73	37.9	29.25	1563.45	-12.33
100.04	2312	0	4.87	2.73	37.9	29.25	1563.45	-12.33
100.18	2298	0	5.56	5.07	37.28	29.25	1560.55	-12.33
100.32	2296	0	8.23	5.85	37.28	29.25	1522.84	-11.75
100.46	2286	0	9.66	6.63	37.28	19.84	1473.53	-11.31
100.6	2310	0	12.32	8.19	37.28	17.49	1367.66	-10.15
100.74	2275	0	13	8.58	37.28	15.43	1292.24	-9.57
100.88	2272	0	14.08	8.97	36.66	15.29	1141.41	-8.99
101.02	2276	0	14.08	8.97	36.66	14.26	1064.54	-8.7
101.16	2270	0	13.72	8.97	36.66	13.96	976.07	-8.85
101.3	2267	0	14.99	9.36	36.66	13.96	1018.13	-8.7
101.44	2269	0	14.99	9.36	36.66	13.38	1039.88	-8.56
101.58	2272	0	16.22	9.75	36.66	13.52	1089.2	-8.27
101.72	2270	0	16.22	9.75	36.66	13.38	1138.51	-8.12
101.86	2270	0	16.36	9.75	36.66	13.96	1148.66	-8.12
102	2269	0	16.66	9.75	36.66	14.41	1164.61	-8.12
102.14	2270	0	16.51	9.75	36.66	14.41	1155.91	-8.12
102.28	2272	0	16.36	9.75	36.66	14.55	1147.21	-8.12
102.42	2270	0	17.1	10.14	36.66	14.41	1154.46	-7.98
102.56	2270	0	17.39	10.53	36.66	13.96	1193.62	-7.98
102.7	2275	0	18.18	10.53	36.66	14.41	1232.78	-7.69
102.84	2275	0	18.65	10.53	36.66	14.55	1235.68	-7.54
102.98	2275	0	18.49	10.53	36.66	14.7	1248.73	-7.54
103.12	2274	0	18.98	10.53	36.66	14.7	1263.23	-7.4
103.26	2276	0	18.82	10.53	36.66	14.85	1284.99	-7.4
103.42	2274	0	19.32	10.92	36.66	15.29	1292.24	-7.25
103.54	2274	0	18.98	10.92	36.66	14.85	1295.14	-7.25
103.68	2276	0	21.22	11.31	36.66	14.55	1322.7	-6.96
103.82	2275	0	21.58	11.7	36.66	14.55	1343	-6.67
103.96	2277	0	22.33	11.7	36.66	14.55	1351.7	-6.53
104.1	2274	0	21.77	11.7	36.66	14.11	1403.92	-6.24
104.24	2274	0	22.51	11.7	36.66	14.11	1367.66	-6.38
104.38	2281	0	25.26	12.87	37.28	14.55	1431.47	-5.8
104.52	2283	0	26.29	13.26	37.28	14.55	1496.74	-5.37
104.66	2279	0	26.5	12.87	37.28	14.55	1503.99	-5.22
104.8	2286	0	26.5	12.87	37.28	14.55	1505.44	-5.22
104.94	2290	0	26.93	12.87	37.28	15.14	1505.44	-5.22
105.08	2292	0	26.08	12.48	37.28	14.99	1490.94	-5.37
105.22	2290	0	23.86	12.09	37.28	14.55	1501.09	-5.66
105.38	2290	0	23.47	12.09	37.28	14.55	1434.37	-5.95
105.52	2290	0	23.47	12.09	37.28	14.55	1428.57	-5.95
105.66	2290	0	23.86	12.09	37.28	14.55	1427.12	-5.95
105.8	2295	0	23.47	12.09	37.28	13.82	1445.98	-5.95
105.94	2289	0	23.86	12.09	37.28	14.41	1431.47	-5.95
106.08	2292	0	24.25	12.09	37.28	14.55	1428.57	-5.95
106.22	2295	0	24.05	11.7	37.28	14.55	1428.57	-5.95

106.36	2290	0	23.47	11.7	37.28	14.55	1441.62	-5.95
106.52	2286	0	21.96	11.31	37.28	14.7	1419.87	-6.09
106.66	2288	0	20.87	10.92	37.28	15.14	1382.16	-6.53
106.8	2282	0	16.81	9.75	37.28	14.99	1274.84	-7.69
106.94	2286	0	16.81	9.75	37.28	14.85	1197.97	-7.98
107.08	2280	0	16.66	9.75	37.28	14.55	1190.72	-7.83
107.22	2266	0	10.67	7.02	37.28	14.41	1113.85	-9.28
107.36	2262	0	7.22	5.07	36.66	14.7	1057.29	-10.01
107.52	2245	0	8.88	5.46	36.66	14.26	973.17	-11.17
107.66	2259	0	8.71	5.46	36.66	13.38	925.31	-11.31
107.8	2240	0	8.38	5.46	36.66	13.38	844.09	-11.31
107.94	2230	0	9.05	5.85	36.04	13.52	812.18	-11.31
108.08	2234	0	8.97	5.85	36.04	13.38	764.32	-11.02
108.24	2222	0	8.63	5.46	36.04	13.52	690.36	-11.02
108.38	2207	0	8.46	5.46	36.04	13.67	651.2	-11.17
108.54	2205	0	8.46	5.46	35.42	13.96	577.23	-11.17
108.7	2188	0	8.31	5.46	35.42	14.26	543.87	-11.17
108.84	2174	0	5.75	3.9	35.42	14.11	484.41	-11.6
108.98	2162	0	5.75	3.9	35.42	14.11	456.85	-11.89
109.12	2166	0	5.56	3.51	34.8	14.41	427.85	-12.04
109.28	2152	0	5.05	3.51	34.8	14.55	407.54	-12.04
109.44	2136	0	4.41	2.73	34.8	16.17	388.69	-12.18
109.58	2128	0	4.25	2.73	34.8	18.96	390.14	-12.18
109.72	2117	0	4.2	2.73	34.18	23.23	395.94	-12.18
109.86	2113	0	4.2	2.73	34.18	28.22	395.94	-12.18
110	2101	0	4.25	2.73	34.18	29.25	400.29	-12.18
110.14	2096	0	4.2	2.73	34.18	29.25	403.19	-12.18
110.28	2091	0	4.25	2.73	34.18	29.25	403.19	-12.18
110.42	2077	0	4.2	2.73	33.55	29.25	407.54	-12.18
110.56	2075	0	4.2	2.73	33.55	29.25	410.44	-12.18
110.7	2067	0	4.2	2.73	33.55	29.25	413.34	-12.18
110.84	2059	0	4.25	2.73	33.55	29.25	414.79	-12.18
110.98	2053	0	4.31	2.73	33.55	29.25	417.69	-12.18
111.12	2044	0	4.47	3.9	33.55	29.25	414.79	-12.18
111.26	2042	0	9.4	7.02	32.93	29.25	424.95	-11.31
111.4	2083	0	20.52	11.7	32.93	17.64	942.71	-7.69
111.54	2033	0	18.82	10.53	32.93	14.99	1350.25	-6.53
111.68	2070	0	18.18	10.53	32.93	14.99	1343	-6.67
111.82	2081	0	38.04	21.45	33.55	14.11	1389.41	-3.63
111.96	2132	0	48.81	61.23	33.55	12.94	1682.38	-0.44
112.1	2119	0	55.08	67.47	34.18	13.67	1647.57	0.87
112.24	2147	0	56.05	67.47	34.18	14.26	1672.23	1.6
112.38	2165	0	53.79	67.47	34.8	13.96	1675.13	2.47
112.52	2203	0	69.88	67.47	35.42	13.82	1664.97	4.06
112.66	2240	0	67.02	67.47	36.04	13.82	1644.67	5.08
112.8	2274	0	77.74	67.47	36.66	13.96	1699.78	7.25
112.94	2297	0	93.18	67.47	37.28	13.96	1701.23	8.56

113.08	2343	0	102.07	67.47	37.9	13.67	1624.37	9.72
113.22	2414	0	114.69	67.47	38.52	13.38	1633.07	13.05
113.36	2439	0	127.14	67.47	39.77	12.64	1612.76	14.94
113.5	2505	0	116.8	67.47	40.39	12.49	1714.29	16.68
113.64	2547	0	123.27	67.86	41.63	12.79	1624.37	15.52
113.78	2572	0	116.27	67.86	41.63	12.64	1669.33	15.37
113.92	2665	0	132.79	68.25	42.87	12.64	1676.58	15.23
114.06	2692	0	129.38	68.25	42.87	12.49	1620.01	14.79
114.2	2771	0	131.09	68.64	44.74	12.35	1647.57	14.79
114.34	2821	0	124.36	68.64	44.74	12.35	1676.58	14.65
114.48	2849	0	132.79	69.03	45.98	12.05	1617.11	14.21
114.62	2934	0.35	124.92	69.42	47.22	11.91	1714.29	13.49
114.76	2964	0.35	125.47	46.02	47.85	11.61	1640.32	12.76
114.9	3045	0.35	114.16	28.86	48.47	11.76	1669.33	10.88
115.04	3076	0.35	112.08	26.91	49.71	11.91	1721.54	10.01
115.18	3081	0	114.16	27.3	50.33	12.2	1657.72	9.43
115.32	3184	0	112.6	26.52	50.95	12.35	1696.88	8.85
115.46	3206	0	113.12	26.13	51.57	12.35	1662.07	8.7
115.6	3245	0	112.08	26.13	52.2	12.35	1692.53	8.41
115.74	3282	0	113.12	25.74	53.44	12.35	1676.58	8.12
115.88	3305	0	108.5	25.35	53.44	12.35	1644.67	7.83
116.02	3346	0	73.18	16.38	54.68	12.94	1682.38	4.79
116.16	3351	0	52.21	14.82	54.68	14.11	1644.67	-0.29
116.3	3381	0	21.77	7.02	55.3	13.23	1675.13	-4.21
116.44	3348	0	12.43	6.24	55.3	13.82	1580.86	-9.14
116.58	3364	0	11.78	5.46	55.3	12.94	1496.74	-10.59
116.72	3337	0	12.21	5.07	54.68	12.94	1367.66	-11.75
116.86	3376	0	11.36	5.07	54.68	13.23	1309.64	-11.75
117	3354	0	9.66	5.07	54.68	19.7	1315.45	-11.6
117.14	3348	0	9.31	5.07	54.06	29.25	1316.9	-11.6
117.28	3334	0	8.88	5.07	54.06	29.25	1322.7	-11.75
117.42	3321	0	8.63	5.07	54.06	29.25	1329.95	-11.75
117.56	3311	0	8.38	5.07	53.44	29.25	1332.85	-11.75
117.7	3295	0	8.23	5.07	53.44	29.25	1343	-11.75
117.84	3288	0	8.38	5.07	53.44	29.25	1343	-11.75
117.98	3278	0	8.15	5.07	53.44	29.25	1347.35	-11.75
118.12	3260	0	8.07	5.07	52.82	29.25	1351.7	-11.75
118.26	3246	0	7.99	5.07	52.82	29.25	1354.6	-11.75
118.4	3232	0	7.91	5.07	52.2	29.25	1360.41	-11.75
118.54	3216	0	7.83	5.07	52.2	29.25	1361.86	-11.89
118.68	3210	0	7.75	5.07	52.2	29.25	1367.66	-11.89
118.82	3197	0	7.83	5.07	52.2	29.25	1372.01	-11.89
118.96	3188	0	7.75	4.68	51.57	29.25	1372.01	-11.89
119.1	3167	0	7.29	4.68	51.57	29.25	1379.26	-11.89
119.24	3156	0	7.52	4.68	51.57	29.25	1379.26	-11.89
119.38	3154	0	7.37	4.68	50.95	29.25	1382.16	-11.89
119.52	3134	0	7.22	4.68	50.95	29.25	1385.06	-11.89

119.66	3129	0	7.22	4.68	50.95	29.25	1386.51	-11.89
119.8	3105	0	7.15	4.68	50.33	29.25	1392.31	-11.89
119.94	3109	0	7.07	4.68	50.33	29.25	1393.76	-11.89
120.08	3091	0	7	4.68	50.33	29.25	1396.66	-11.89
120.22	3078	0	7.07	4.68	49.71	29.25	1402.47	-11.89
120.36	3065	0	6.86	4.68	49.71	29.25	1402.47	-11.89
120.5	3061	0	6.58	4.68	49.71	29.25	1406.82	-12.04
120.64	3043	0	6.72	4.68	49.71	29.25	1409.72	-11.89
120.78	3043	0	6.72	4.68	49.71	29.25	1409.72	-12.04
120.92	3021	0	6.52	4.29	49.09	29.25	1414.07	-11.89
121.06	3021	0	6.52	4.29	49.09	29.25	1416.97	-11.89
121.2	2998	0	6.52	4.29	49.09	29.25	1421.32	-12.04
121.34	2991	0	6.38	4.29	48.47	29.25	1421.32	-12.04
121.48	2983	0	6.32	4.29	48.47	29.25	1424.22	-12.04
121.62	2970	0	6.19	4.29	48.47	29.25	1427.12	-12.04
121.76	2954	0	6.12	4.29	47.85	29.25	1428.57	-12.04
121.9	2942	0	6.06	4.29	47.85	29.25	1431.47	-12.04
122.06	2932	0	6.06	4.29	47.22	29.25	1434.37	-12.04
122.18	2926	0	6	4.29	47.22	29.25	1437.27	-12.04
122.32	2904	0	5.87	4.29	47.22	29.25	1441.62	-12.04
122.46	2896	0	5.81	4.29	47.22	29.25	1441.62	-12.04
122.6	2885	0	5.68	4.29	46.6	29.25	1445.98	-12.18
122.74	2881	0	5.75	4.29	46.6	29.25	1445.98	-12.04
122.88	2875	0	5.75	4.29	46.6	29.25	1451.78	-12.18
123.02	2855	0	5.62	3.9	46.6	29.25	1453.23	-12.18
123.16	2851	0	5.49	3.9	46.6	29.25	1453.23	-12.18
123.3	2831	0	5.49	3.9	45.98	29.25	1459.03	-12.18
123.44	2817	0	5.49	3.9	45.98	29.25	1459.03	-12.18
123.6	2812	0	5.43	3.9	45.98	29.25	1461.93	-12.18
123.72	2796	0	5.49	3.9	45.36	29.25	1463.38	-12.18
123.86	2793	0	5.36	3.9	45.36	29.25	1466.28	-12.18
124	2775	0	5.3	3.9	45.36	29.25	1469.18	-12.18
124.14	2767	0	5.3	3.9	44.74	29.25	1470.63	-12.18
124.28	2755	0	5.3	3.9	44.74	29.25	1470.63	-12.18
124.42	2737	0	5.11	3.9	44.74	29.25	1476.43	-12.33
124.56	2733	0	5.11	3.9	44.74	29.25	1476.43	-12.33
124.7	2716	0	5.11	3.9	44.12	29.25	1480.78	-12.33
124.86	2714	0	5.17	3.9	44.12	29.25	1483.68	-12.33
125	2696	0	5.11	3.51	43.5	29.25	1486.58	-12.33
125.16	2683	0	4.93	3.51	43.5	29.25	1488.03	-12.33
125.3	2677	0	5.05	3.51	43.5	29.25	1488.03	-12.33
125.44	2655	0	4.99	3.51	43.5	29.25	1493.84	-12.33
125.58	2652	0	4.99	3.51	42.87	29.25	1493.84	-12.33
125.72	2633	0	5.05	3.51	42.87	29.25	1496.74	-12.33
125.86	2620	0	5.05	3.51	42.87	29.25	1498.19	-12.33
126.02	2607	0	4.93	3.51	42.25	29.25	1501.09	-12.33
126.16	2605	0	4.87	3.51	42.25	29.25	1503.99	-12.33

126.32	2577	0	4.93	3.51	42.25	29.25	1505.44	-12.33
126.48	2568	0	4.81	3.51	41.63	29.25	1505.44	-12.33
126.62	2555	0	4.87	3.51	41.63	29.25	1511.24	-12.33
126.76	2544	0	4.75	3.12	41.63	29.25	1511.24	-12.33
126.9	2537	0	4.81	3.12	41.01	29.25	1514.14	-12.33
127.04	2528	0	4.81	3.12	41.01	29.25	1515.59	-12.33
127.18	2520	0	4.87	3.12	41.01	29.25	1515.59	-12.33
127.32	2498	0	4.81	3.12	40.39	29.25	1521.39	-12.33
127.46	2490	0	4.75	3.12	40.39	29.25	1521.39	-12.33
127.6	2474	0	17.71	11.7	40.39	29.25	1515.59	-10.73
127.74	2548	0	20.34	11.31	39.77	23.52	1437.27	-8.41
127.88	2436	0	20.87	11.7	39.77	16.02	1315.45	-7.54
128.02	2455	0	19.65	11.31	40.39	16.02	1248.73	-7.25
128.16	2481	0	20.16	10.92	40.39	14.99	1232.78	-7.11
128.3	2467	0	19.32	10.92	40.39	14.41	1218.27	-7.4
128.46	2483	0	19.32	10.92	40.39	13.82	1218.27	-7.69
128.6	2486	0	20.16	11.31	40.39	13.67	1221.17	-7.54
128.74	2487	0	19.99	11.31	40.39	13.67	1221.17	-7.54
128.88	2481	0	20.34	11.31	40.39	13.67	1248.73	-7.54
129.02	2491	0	21.58	11.7	40.39	13.96	1277.74	-7.25
129.16	2490	0	21.05	11.31	40.39	14.41	1300.94	-7.25
129.3	2497	0	21.22	11.31	40.39	14.41	1295.14	-7.25
129.44	2495	0	20.87	11.31	40.39	14.55	1290.79	-7.4
129.58	2498	0	20.52	11.31	40.39	14.85	1287.89	-7.4
129.72	2502	0	21.4	11.31	40.39	15.29	1308.19	-7.25
129.86	2505	0	21.58	11.31	40.39	14.41	1312.55	-7.11
130	2509	0	21.4	11.31	40.39	14.55	1319.8	-7.25
130.14	2511	0	21.77	11.31	41.01	14.41	1305.29	-7.11
130.28	2509	0	21.77	11.31	41.01	14.41	1290.79	-7.25
130.42	2509	0	21.96	11.31	41.01	13.96	1309.64	-7.11
130.56	2511	0	21.4	11.31	41.01	13.82	1305.29	-7.25
130.7	2515	0	21.58	11.31	41.01	14.41	1295.14	-7.11
130.84	2517	0	22.14	11.31	41.01	14.55	1309.64	-7.25
130.98	2519	0	22.14	11.31	41.01	14.55	1322.7	-7.11
131.12	2520	0	21.96	11.31	41.01	14.7	1309.64	-7.25
131.26	2521	0	22.33	11.31	41.01	14.99	1302.39	-7.11
131.4	2527	0	22.14	11.31	41.01	15.29	1315.45	-7.11
131.54	2525	0	21.96	11.31	41.01	14.85	1305.29	-7.25
131.68	2522	0	21.96	11.31	41.01	14.41	1308.19	-7.11
131.84	2522	0	22.14	11.31	41.01	14.41	1308.19	-7.25
131.98	2526	0	22.14	11.31	41.01	14.41	1298.04	-7.11
132.12	2526	0	22.14	11.31	41.01	14.85	1319.8	-6.96
132.26	2527	0	21.4	11.31	41.01	14.99	1300.94	-6.82
132.4	2523	0	19.99	10.92	41.01	14.41	1245.83	-6.24
132.54	2526	0	19.99	10.92	41.01	14.55	1232.78	-6.38
132.68	2531	0	20.16	10.92	41.01	14.41	1221.17	-6.38
132.82	2526	0	19.32	10.53	41.01	14.7	1213.92	-7.54

132.96	2523	0	19.15	10.53	41.01	14.85	1186.37	-7.98
133.1	2523	0	16.95	8.58	41.01	14.55	1182.02	-8.12
133.24	2511	0	7.68	4.68	41.01	14.41	1106.6	-9.57
133.38	2490	0	7.07	4.29	41.01	14.11	1060.19	-11.31
133.52	2500	0	6.72	4.29	40.39	13.23	976.07	-12.04
133.66	2481	0	6.32	3.9	40.39	13.38	938.36	-12.18
133.8	2477	0	5.05	3.12	40.39	15.29	938.36	-12.33
133.94	2462	0	4.93	3.12	40.39	18.52	942.71	-12.33
134.08	2449	0	5.17	3.12	39.77	24.84	945.61	-12.33
134.22	2431	0	5.17	3.12	39.77	29.25	948.51	-12.33
134.36	2426	0	5.11	3.12	39.15	29.25	951.41	-12.33
134.5	2409	0	4.93	3.12	39.15	29.25	952.86	-12.33
134.64	2397	0	4.87	3.12	39.15	29.25	955.77	-12.33
134.78	2385	0	4.93	2.73	39.15	29.25	958.67	-12.33
134.92	2365	0	4.93	2.73	38.52	29.25	960.12	-12.33
135.06	2354	0	4.93	2.73	38.52	29.25	965.92	-12.33
135.2	2330	0	4.87	3.12	37.9	29.25	968.82	-12.33
135.34	2314	0	4.87	3.12	37.9	29.25	968.82	-12.33
135.48	2297	0	4.87	3.12	37.28	29.25	970.27	-12.33
135.62	2270	0	4.93	3.12	37.28	29.25	973.17	-12.33
135.76	2253	0	4.87	3.12	36.66	29.25	976.07	-12.33
135.9	2230	0	4.69	3.12	36.66	29.25	977.52	-12.33
136.04	2209	0	4.75	3.12	36.04	29.25	980.42	-12.33
136.18	2193	0	4.69	3.12	35.42	29.25	980.42	-12.33
136.32	2162	0	4.75	3.12	35.42	29.25	983.32	-12.33
136.46	2144	0	4.75	3.12	34.8	29.25	984.77	-12.18
136.6	2122	0	4.63	3.12	34.8	29.25	987.67	-12.18
136.74	2106	0	4.58	3.12	34.18	29.25	990.57	-12.18
136.88	2094	0	4.58	3.12	34.18	29.25	990.57	-12.18
137.02	2069	0	4.52	3.12	33.55	29.25	993.47	-12.18
137.16	2061	0	4.47	3.12	33.55	29.25	993.47	-12.18
137.3	2033	0	4.47	3.12	32.93	29.25	994.92	-12.18
137.44	2022	0	4.36	3.12	32.93	29.25	994.92	-12.18
137.58	2006	0	4.36	3.12	32.93	29.25	997.82	-12.18
137.72	1976	0	4.36	3.12	32.31	29.25	1000.73	-12.18
137.86	1966	0	4.36	3.12	31.69	29.25	1002.18	-12.18
138	1940	0	4.36	3.12	31.69	29.25	1005.08	-12.18
138.14	1932	0	4.31	3.12	31.69	29.25	1005.08	-12.18
138.28	1915	0	4.36	3.12	31.07	29.25	1007.98	-12.18
138.42	1877	0	4.25	3.12	30.45	29.25	1010.88	-12.18
138.56	1852	0	4.31	3.12	29.83	29.25	1010.88	-12.18
138.7	1815	0	4.25	3.12	29.2	29.25	1012.33	-12.18
138.84	1782	0	4.31	3.12	29.2	29.25	1012.33	-12.18
138.98	1760	0	4.25	3.12	29.2	29.25	1015.23	-12.18
139.12	1708	0	4.15	3.12	27.96	29.25	1018.13	-12.18
139.26	1693	0	4.15	3.12	27.96	29.25	1019.58	-12.18
139.4	1646	0	4.09	3.12	26.72	29.25	1019.58	-12.04

139.54	1639	0	4.09	3.12	26.72	29.25	1022.48	-12.04
139.68	1629	0	4.04	3.12	26.72	29.25	1025.38	-12.04
139.82	1603	0	4.04	3.12	26.1	29.25	1025.38	-11.89
139.96	1583	0	4.04	3.12	26.1	29.25	1028.28	-11.89
140.1	1572	0	4.04	3.12	25.48	29.25	1029.73	-11.89
140.24	1551	0	4.04	3.12	25.48	29.25	1029.73	-11.89
140.38	1546	0	4.04	3.12	24.85	29.25	1032.63	-11.89
140.52	1514	0	3.99	3.12	24.85	29.25	1032.63	-11.75
140.66	1493	0	3.99	3.12	24.23	29.25	1035.53	-11.75
140.8	1460	0	4.04	3.12	23.61	29.25	1035.53	-11.75
140.94	1442	0	4.09	3.12	23.61	29.25	1036.98	-11.75
141.08	1421	0	4.09	3.12	23.61	29.25	1039.88	-11.89
141.22	1384	0	4.09	3.12	22.37	29.25	1039.88	-11.75
141.36	1368	0	4.09	3.12	22.37	29.25	1042.78	-11.6
141.5	1329	0	4.04	3.12	21.75	29.25	1045.69	-11.6
141.64	1260	0	6.58	6.24	21.75	29.25	1035.53	-11.31
141.78	1224	0	4.63	3.51	21.13	29.25	1007.98	-10.73
141.94	1226	0	4.41	3.9	20.51	29.25	960.12	-11.02
142.08	1208	0	4.2	3.51	19.88	26.46	935.46	-11.02
142.22	1169	0	4.15	3.51	19.26	22.78	891.95	-11.02
142.36	1145	0	4.15	3.51	18.64	20.87	874.55	-11.02
142.5	1123	0	4.09	3.51	18.02	19.84	846.99	-11.02
142.64	1098	0	3.88	3.51	16.78	18.67	809.28	-11.02
142.78	1089	0	3.88	3.51	16.16	18.08	788.98	-11.02
142.92	1072	0	3.88	3.51	14.91	17.49	749.82	-11.02
143.06	1067	0	3.78	3.51	13.67	17.05	729.51	-10.88
143.2	1056	0	3.88	3.51	13.67	16.61	715.01	-11.02
143.36	1037	0	3.78	3.12	11.18	16.46	678.75	-11.02
143.52	1029	0	3.68	3.12	11.18	16.32	661.35	-10.88
143.66	990	0	3.68	3.12	9.32	16.17	623.64	-10.88
143.82	925	0	3.73	3.51	9.32	16.02	609.14	-10.88
143.96	892	0	3.88	3.51	6.84	15.73	574.33	-10.59
144.1	891	0	3.68	3.12	6.84	15.58	556.93	-10.44
144.24	899	0	3.53	3.12	5.59	15.29	516.32	-10.59
144.38	897	0	3.53	3.12	5.59	14.99	500.36	-10.59
144.52	896	0	6.06	6.63	4.97	14.85	462.65	-10.3
144.66	921	0	12.77	12.09	4.97	14.55	440.9	-8.7
144.82	999	0	27.35	18.33	4.97	13.08	661.35	-2.47
144.98	1378	0	25.67	28.08	4.97	14.55	1267.59	-0.44
145.14	1410	0	27.78	25.74	6.84	13.96	1606.96	-0.29
145.3	1386	0	28.66	26.91	6.84	14.55	1540.25	0
145.46	1668	0	37.25	31.59	8.7	14.41	1651.92	0.44
145.62	1805	0	42.39	34.32	8.7	14.26	1675.13	0.87
145.76	2024	0	49.73	28.86	10.56	13.96	1634.52	1.45
145.9	2172	0	64.18	66.3	10.56	13.08	1662.07	2.61
146.04	2483	0	83.71	67.47	13.05	12.94	1622.92	4.35
146.2	2613	0	93.18	67.86	13.05	12.94	1704.13	5.95

146.34	3004	0.35	101.11	21.45	16.16	13.38	1683.83	7.25
146.48	3167	0	84.53	19.89	16.16	13.67	1662.07	5.08
146.62	3330	0	18.02	6.63	18.64	13.08	1651.92	-4.64
146.76	3207	0	9.93	3.51	18.64	23.96	1669.33	-9.14
146.92	3125	0	8.38	2.73	18.64	29.25	1672.23	-11.31
147.06	2895	0	10.86	2.73	18.64	29.25	1676.58	-12.18
147.2	2786	0	10.11	3.12	18.64	29.25	1679.48	-12.33
147.34	2618	0	27.35	16.38	18.02	15.73	1633.07	-10.73
147.48	2672	0	63.83	46.8	18.02	13.82	1556.2	-1.16
147.62	2447	0	63.83	67.08	18.64	12.94	1657.72	1.45
147.76	2244	0	64.53	67.08	19.88	12.94	1662.07	3.05
147.9	2430	0	80.09	67.08	20.51	12.94	1664.97	4.06
148.04	2538	0	104.02	67.86	21.75	13.96	1689.63	7.4
148.18	2695	0	118.4	68.25	22.37	13.67	1617.11	9.28
148.32	2858	0	129.95	40.56	23.61	12.94	1657.72	13.92
148.46	2976	0	112.08	24.57	25.48	13.52	1707.03	11.46
148.6	3018	0	106.49	24.18	25.48	13.67	1651.92	9.86
148.74	3230	0	110.54	24.57	27.34	13.82	1689.63	7.98
148.88	3308	0	109.52	24.57	27.34	13.82	1664.97	7.54
149.02	3503	0	116.8	24.96	29.83	13.82	1654.82	7.11
149.16	3588	0.35	118.4	24.96	29.83	13.67	1664.97	6.96
149.3	3678	0.35	119.47	24.96	31.07	13.38	1640.32	6.96
149.44	3864	0.35	106.49	19.89	31.69	12.94	1682.38	5.95
149.58	3848	0	41.82	10.14	32.93	23.81	1699.78	-0.29
149.72	3573	0	12.1	2.73	32.93	29.25	1709.93	-11.17
149.86	3442	0	14.73	2.73	32.93	29.25	1714.29	-12.18
150	3326	0	14.34	2.73	32.93	29.25	1721.54	-12.33
150.14	3101	0	14.99	8.97	32.93	17.05	1689.63	-12.18
150.28	3131	0	74.69	58.11	32.93	13.96	1563.45	-3.63
150.42	2671	0	78.9	67.08	33.55	13.23	1675.13	2.18
150.56	2783	0	91.82	68.25	33.55	12.94	1675.13	3.63
150.7	2773	0	100.15	69.03	33.55	13.82	1714.29	5.95
150.84	2839	0	136.27	69.03	35.42	13.23	1686.73	11.31
150.98	2933	0	155.2	69.03	35.42	12.35	1675.13	14.5
151.12	3001	0	134.53	69.42	37.28	12.64	1699.78	16.24
151.26	3043	0	134.53	69.81	37.28	12.79	1651.92	15.23
151.4	3087	0	138.62	69.81	37.9	12.35	1699.78	14.36
151.54	3192	0	118.94	26.13	39.15	12.64	1724.44	11.75
151.68	3232	0	112.6	24.96	39.77	12.94	1724.44	9.86
151.82	3320	0	104.02	23.01	40.39	12.94	1675.13	7.11
151.96	3372	0	102.56	23.01	41.63	12.79	1689.63	6.53
152.1	3416	0	104.51	23.01	42.25	12.79	1654.82	6.09
152.24	3485	0	88.73	20.28	42.87	13.38	1641.77	3.77
152.38	3522	0	90.05	20.67	43.5	13.08	1672.23	3.63
152.52	3595	0	95	20.67	44.12	13.08	1689.63	3.19
152.66	3614	0	92.72	20.67	44.74	13.08	1679.48	3.19
152.8	3647	0	96.38	21.06	44.74	13.08	1693.98	3.19

152.94	3709	0	95.91	20.67	45.98	12.94	1676.58	3.19
153.08	3737	0	53.15	12.87	45.98	21.46	1707.03	1.16
153.22	3480	0	8.88	3.12	46.6	29.25	1714.29	-10.59
153.36	3355	0	13.35	2.73	46.6	29.25	1718.64	-11.89
153.5	3237	0	12.77	3.12	45.98	29.25	1724.44	-12.18
153.64	3010	0	11.26	3.12	45.98	29.25	1734.59	-12.33
153.78	2917	0	10.02	3.12	45.98	29.25	1736.04	-12.33
153.92	2693	0	8.38	3.51	45.36	29.25	1743.29	-12.33
154.06	2598	0	7.68	3.51	44.74	29.25	1746.19	-12.33
154.2	2487	0	7	3.51	43.5	29.25	1751.99	-12.33
154.34	2279	0	6.58	3.51	42.87	29.25	1756.35	-12.18
154.48	2182	0	6.32	3.51	41.63	29.25	1759.25	-12.18
154.62	1984	0	5.87	3.51	40.39	29.25	1763.6	-11.89
154.76	1895	0	5.62	3.51	39.15	29.25	1766.5	-11.89
154.9	1803	0	5.56	3.51	39.15	29.25	1769.4	-11.89
155.04	1609	0	5.62	3.51	37.28	29.25	1773.75	-11.6
155.18	1520	0	5.68	3.9	37.28	29.25	1773.75	-11.46
155.32	1414	0	5.87	3.51	34.8	29.25	1731.69	-10.73
155.46	1431	0	4.58	3.51	34.8	29.25	1704.13	-11.17
155.6	1407	0	5.93	3.9	33.55	20.58	1675.13	-11.31
155.74	1371	0	5.17	3.9	32.31	17.2	1612.76	-11.31
155.88	1337	0	5.75	3.51	31.69	15.43	1577.96	-11.31
156.02	1306	0	4.99	3.9	30.45	14.7	1521.39	-11.31
156.16	1279	0	5.36	3.51	29.2	14.26	1493.84	-11.31
156.3	1271	0	4.75	3.51	28.58	13.96	1466.28	-11.31
156.44	1237	0	5.11	3.9	27.34	13.52	1419.87	-11.17
156.58	1223	0	5.17	3.51	26.72	13.38	1385.06	-11.02
156.72	1214	0	4.58	3.51	25.48	13.23	1337.2	-11.17
156.86	1202	0	4.58	3.51	24.85	13.23	1309.64	-11.17
157	1186	0	4.81	3.9	24.85	13.23	1292.24	-11.17
157.14	1169	0	4.52	3.51	22.99	13.38	1242.93	-10.88
157.28	1165	0	4.31	3.51	22.99	13.38	1225.53	-10.88
157.42	1146	0	4.47	3.51	21.75	13.38	1182.02	-11.02
157.56	1136	0	4.47	3.51	21.75	13.38	1155.91	-11.02
157.7	1125	0	4.41	3.51	20.51	13.52	1131.25	-10.88
157.84	1117	0	4.31	3.51	19.88	13.67	1095	-10.88
157.98	1109	0	4.69	3.9	19.26	13.67	1071.79	-10.88
158.12	1091	0	4.25	3.51	18.64	13.82	1032.63	-10.73
158.26	1084	0	4.2	3.51	18.02	13.96	1010.88	-10.73
158.4	1081	0	4.15	3.51	17.4	13.96	990.57	-10.73
158.54	1064	0	4.15	3.51	17.4	14.11	945.61	-10.73
158.68	1054	0	4.25	3.51	16.78	14.11	931.11	-10.73
158.82	1045	0	4.25	3.51	16.16	14.26	891.95	-10.73
158.96	1045	0	3.99	3.51	15.53	14.26	865.84	-10.59
159.1	1043	0	3.99	3.51	15.53	14.26	851.34	-10.73
159.24	1038	0	4.04	3.51	15.53	14.26	815.08	-10.88
159.38	1022	0	6.52	5.85	15.53	14.26	797.68	-10.44

159.52	1056	0	4.15	3.51	15.53	14.41	752.72	-10.15
159.66	1084	0	4.09	3.51	15.53	14.41	722.26	-10.44
159.8	1103	0	4.04	3.51	15.53	14.26	700.51	-10.44
159.94	1113	0	4.2	3.9	15.53	14.41	662.8	-10.73
160.08	1094	0	4.36	3.9	15.53	14.55	643.94	-10.59
160.22	1071	0	4.36	3.9	15.53	14.85	603.34	-10.59
160.36	1082	0	4.2	3.51	15.53	14.99	588.83	-10.59
160.5	1085	0	4.31	3.51	14.91	14.85	564.18	-10.73
160.64	1090	0	4.2	3.51	14.91	14.7	526.47	-10.73

Spark Adv. Wastegate Duty (%)

24.5	0
25	0
25	0
25	0
25.5	0
25.5	0
25.5	0
25.5	0
25.5	0
26	0
31.5	0
34	0
44.5	0
44	0
43.5	0
43	0
42.5	0.05
32	0.11
28	0.14
19.5	0.18
15.5	0.21
13	0.24
10	0.28
7.5	0.27
7	0.25
7.5	0.24
7.5	0.21
7.5	0.18
8	0.15
8.5	0.1
7.5	0.02
8.5	0
9	0
9	0
7	0
6	0
6.5	0
7	0
6.5	0
8	0
5	0
8	0
5.5	0
4.5	0
6.5	0
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