

Time	RPM (RPM)	Charge Air	Accel Ped.	TPS Act.	(% Load Req)	Actual Load	Req. Boost	Boost Mea	WGDC Afte	WGDC Bas	WGDC Ban	Cyl1 Timing	Cyl2 Timing	Cyl3 Timing	Cyl4 Timing	Cyl5 Timing	Cyl6 Timing	Timing	Cyl. 1 (Lambda (Ba	Boost (PSI)
0	2136	90.05	99.61	81.08	163.2	78.98	25.28	14.52	57	81.64	72.7	0	0	0	0	0	0	12.75	12.35	0.82	
0.08	2177	90.05	99.61	81.08	163.9	82.37	25.35	14.88	57	79.9	72.95	0	0	0	0	0	0	13.5	12.94	1.18	
0.16	2203	90.05	99.61	81.08	164.4	85.98	25.43	15.23	57	77.19	73.12	0	0	0	0	0	0	13.5	13.82	1.53	
0.22	2218	90.05	99.61	81.08	164.7	90.59	25.48	15.58	57	73.59	73.12	0	0	0	0	0	0	13.5	14.11	1.88	
0.3	2247	90.05	99.61	81.08	165.2	94.51	25.53	16.01	57	62.83	74.09	0	0	0	0	0	0	12.38	14.41	2.32	
0.36	2264	90.05	99.61	81.08	165.3	98.8	25.5	16.45	57	50.52	73.02	0	0	0	0	0	0	12.75	14.7	2.75	
0.44	2289	90.05	99.61	80.98	165.3	103.2	25.51	16.88	57	37.83	72.49	0	0	0	0	0	0	12.75	14.55	3.18	
0.5	2307	90.05	99.61	80.98	165.4	107.4	25.52	17.43	57	30.09	73.02	0	0	0	0	0	0	12.75	14.55	3.73	
0.58	2320	90.05	99.61	80.98	165.4	111	25.54	17.98	57	26.19	73.01	0	0	0	0	0	0	12.75	14.7	4.28	
0.64	2340	90.05	99.61	80.98	165.5	114.3	25.56	18.53	57	24.08	73.45	0	0	0	0	0	0	12	14.7	4.83	
0.72	2372	90.05	99.61	80.98	165.6	118	25.59	19.15	57	23.92	72.95	0	0	0	0	0	0	12	15.14	5.45	
0.78	2414	90.05	99.61	80.98	165.6	121.5	25.63	19.86	57	23.87	74.02	0	0	0	0	0	0	11.62	15.73	6.16	
0.86	2449	90.05	99.61	80.98	165.8	124	25.71	20.53	57	23.55	73.07	-3.75	0	0	0	0	0	6.75	15.43	6.83	
0.92	2446	90.05	99.61	80.98	165.8	123.8	25.79	21.35	57	23.09	72.03	-3.75	0	0	0	0	-3	6.75	15.73	7.65	
1	2519	90.05	99.61	80.98	165.9	134.4	25.8	22.06	57	22.17	72.23	-3.75	0	0	0	0	-3	4.5	16.17	8.36	
1.06	2547	90.05	99.61	80.98	165.9	135.2	25.8	22.96	57	20.07	72.94	-3.38	0	0	0	0	-3	2.62	15.29	9.26	
1.14	2583	90.05	99.61	80.98	165.9	143.3	25.81	24.06	39.84	19.8	55.97	-3.38	0	0	0	0	-2.62	1.12	14.99	10.36	
1.2	2624	90.05	99.61	80.98	165.9	151.1	25.97	25.2	21.72	20.52	37.36	-3	0	0	0	0	-2.62	0.75	14.7	11.5	
1.28	2662	90.05	99.61	81.08	165.9	152.9	26.63	25.99	27.36	24.55	43.19	-3	0	0	0	0	-2.62	0.75	14.11	12.29	
1.34	2692	90.05	99.61	80.98	165.9	157.6	26.85	26.57	22.55	21.42	38.32	-2.62	0	0	0	0	-2.25	0.75	14.26	12.88	
1.42	2740	90.05	99.61	80.98	165.9	157.7	26.84	27.36	19.76	21.22	34.35	-2.62	0	0	0	0	-1.88	0.75	14.26	13.66	
1.48	2784	90.05	99.61	80.98	165.9	163.5	26.9	27.75	20.05	21.38	34.49	-2.62	0	0	0	0	-1.88	0.38	14.41	14.05	
1.56	2836	90.05	99.61	78.12	165.9	163.2	27.07	27.99	20.49	21.73	36.17	-2.25	0	0	0	0	-1.88	0.75	14.11	14.29	
1.62	2878	90.05	99.61	74.85	165.9	167.8	27.27	28.3	20.77	22.32	35.39	-2.25	0	0	0	0	-1.5	0	14.11	14.6	
1.7	2926	90.05	99.61	76.89	165.9	166.7	27.69	28.38	24.18	24.24	38.91	-1.88	0	0	0	0	-1.5	0.38	13.67	14.68	
1.76	2965	90.05	99.61	77	165.9	166.2	27.92	28.69	20.95	21.77	36.62	-1.88	0	0	0	0	-1.12	0.38	13.82	14.99	
1.84	3003	90.05	99.61	74.65	165.9	170.8	27.89	29.2	18.3	20.42	34.06	-1.88	0	0	0	0	-1.12	1.12	13.82	15.5	
1.9	3083	90.05	99.61	74.75	165.9	168.5	27.97	28.81	20.25	20.65	34.92	-1.5	0	0	0	0	-1.12	1.5	13.52	15.11	
1.98	3100	90.05	99.61	78.22	165.9	164.8	28.09	28.22	21.63	20.51	37.32	-1.5	0	0	0	0	-0.75	1.5	13.38	14.52	
2.06	3157	90.05	99.61	80.06	165.9	162.3	28.02	27.87	20.48	19.58	36.38	-1.12	0	0	0	0	-0.75	2.25	13.52	14.17	
2.12	3202	90.05	99.61	80.57	165.9	162.2	28.08	27.83	21.26	19.66	36.78	-1.12	0	0	0	0	-0.38	2.25	13.52	14.13	
2.2	3254	90.05	99.61	80.78	165.9	159.3	28.28	27.87	22.45	19.49	38.22	-0.75	0	0	0	0	-0.38	2.62	13.52	14.17	
2.26	3281	90.05	99.61	81.08	165.9	158.9	28.56	28.26	21.55	20.06	37.49	-0.75	0	0	0	0	0	3	13.52	14.56	
2.34	3329	90.05	99.61	80.98	165.8	162.6	28.63	28.73	18.93	19.36	34.61	-0.38	0	0	0	0	0	3	13.67	15.03	
2.4	3390	90.05	99.61	81.08	165.7	162.1	28.75	28.69	21.03	20.43	36.78	-0.38	0	0	0	0	0	3	13.38	14.99	
2.48	3414	90.05	99.61	80.98	165.7	160.4	28.93	28.38	25.88	21.66	41.05	0	0	0	0	0	0	3.38	13.38	14.68	
2.54	3495	90.05	99.61	80.98	165.6	159.1	29.06	28.3	26.36	21.74	42.55	0	0	0	0	0	0	3.75	13.38	14.6	
2.64	3489	90.05	99.61	80.98	165.6	160.6	29.19	29.32	20.76	21.12	36.73	0	0	0	0	0	0	3.38	13.38	15.62	
2.7	3575	90.05	99.61	80.57	165.4	160.4	29.38	29.6	21.01	21.63	35.68	0	0	0	0	0	0	3.38	13.08	15.9	
2.76	3632	90.05	99.61	80.26	165.4	161.6	29.41	29.28	24.21	23.11	39.2	0	0	0	0	0	0	3.75	13.23	15.58	
2.84	3705	90.05	99.61	80.78	165.2	160.6	29.37	28.85	27.16	22.76	42.29	0	0	0	0	0	0	3.75	13.08	15.15	
2.94	3717	90.05	99.61	80.98	165.2	158.2	29.56	28.97	25.64	23	40.75	0	0	0	0	0	0	3.75	12.94	15.27	
3	3767	90.05	99.61	80.98	165.2	157.9	29.63	29.48	23.7	23.33	39.54	0	0	0	0	0	0	3.75	12.94	15.78	
3.06	3805	90.05	99.61	80.98	165.2	163.6	29.54	29.79	22.53	22.68	37.52	0	0	0	0	0	0	3.38	12.94	16.09	
3.14	3850	90.05	99.61	80.98	165.2	163	29.52	29.4	24.68	22.88	39.76	0	0	0	0	0	0	3.38	12.79	15.7	
3.2	3898	90.05	99.61	80.98	165.2	160.9	29.54	28.85	28.49	23.08	43.72	0	0	0	0	0	0	3.75	12.64	15.15	

3.28	3934	90.05	99.61	80.98	165	157.2	29.6	28.73	26.47	22.98	42.66	0	0	0	0	0	0	3.75	12.64	15.03
3.36	3983	90.05	99.61	80.98	164.8	158.9	29.44	29.13	24.46	23.02	40.56	0	0	0	0	0	0	3.75	12.94	15.42
3.42	4048	90.05	99.61	80.98	164.2	163.2	29.23	29.4	23.2	23.39	39.28	0	0	0	0	0	0	3.75	12.79	15.7
3.5	4086	90.05	99.61	80.06	163.9	161.4	29.4	29.64	23.45	23.65	39.52	0	0	0	0	0	0	3.38	12.35	15.94
3.56	4080	90.05	99.61	78.73	164	161.9	29.41	29.95	23.31	23.3	39.27	0	0	0	0	-3.38	0	3.75	12.64	16.25
3.64	4153	90.05	99.61	77.61	163.4	162.6	29.19	30.07	22.71	23.35	37.59	0	0	0	0	-3.38	0	3.38	12.79	16.37
3.7	4200	90.05	99.61	76.08	163.2	165.5	29.16	30.07	23.27	23.84	38.19	0	0	0	0	-3.38	0	3.38	12.49	16.37
3.78	4249	91.4	99.61	77.2	163.1	164.7	29.1	29.79	23.82	24.02	38.55	0	0	0	0	-3	0	3.38	12.2	16.09
3.84	4322	91.4	99.61	78.43	163	164.1	29	29.2	25.49	24.38	40.04	0	0	0	0	-3	0	3.38	12.2	15.5
3.9	4311	91.4	99.61	80.06	163.1	159.6	29.07	28.77	27.63	24.17	42.48	0	0	0	0	-2.62	0	3.75	12.2	15.07
3.98	4370	91.4	99.61	81.08	162.9	158	29.05	28.69	25.93	23.81	41.77	0	0	0	0	-2.62	0	3.75	12.35	14.99
4.06	4407	91.4	99.61	81.08	162.7	158.8	28.87	28.77	25.6	24.52	41.42	0	0	0	0	-2.62	0	3.75	12.35	15.07
4.12	4509	91.4	99.61	80.98	162.4	158.9	28.79	28.77	25.73	25.23	40.52	0	0	0	0	-2.25	0	3.75	12.35	15.07
4.2	4551	91.4	99.61	80.98	162.2	159	28.75	28.66	25.92	25.45	40.73	0	0	0	0	-2.25	0	3.75	12.35	14.95
4.26	4528	91.4	99.61	81.08	162.3	158.5	28.83	28.73	26.67	25.26	42.53	0	0	0	0	-2.25	0	3.75	12.2	15.03
4.32	4602	91.4	99.61	80.98	162.1	159.3	28.7	28.66	25.7	24.4	41.53	0	0	0	0	-1.88	0	3.75	12.35	14.95
4.4	4614	91.4	99.61	80.98	162	158.2	28.72	28.54	26.92	25.25	41.76	0	0	0	0	-1.88	0	3.75	12.2	14.83
4.48	4659	91.4	99.61	80.98	161.8	158.2	28.6	28.46	26.8	25.24	42.41	0	0	0	0	-1.88	0	3.75	12.2	14.76
4.54	4680	91.4	99.61	80.98	161.8	158.6	28.52	28.42	26.46	25.13	42.09	0	0	0	0	-1.5	0	3.75	12.2	14.72
4.62	4747	91.4	99.61	80.98	161.6	158.7	28.49	28.5	25.87	25.37	41.48	0	0	0	0	-1.5	0	3.75	12.2	14.79
4.68	4817	91.4	99.61	80.98	161.3	159	28.42	28.38	26.22	25.79	41.84	0	0	0	0	-1.5	0	3.75	12.2	14.68
4.76	4844	91.4	99.61	80.98	161.3	158	28.3	28.18	26.85	25.91	41.72	0	0	0	0	-1.12	0	3.75	12.2	14.48
4.82	4854	91.4	99.61	80.98	161.2	157.6	28.35	28.11	27.41	25.45	42.04	0	0	0	0	-1.12	0	3.75	12.2	14.4
4.9	4900	91.4	99.61	80.98	161.1	156.9	28.24	28.03	27.05	25.43	42.7	0	0	0	0	-1.12	0	3.75	12.2	14.32
4.96	4930	92.75	99.61	80.98	161	157.1	28.25	28.18	27.58	26.06	42.48	0	0	0	0	-0.75	0	3.75	12.05	14.48
5.04	4977	92.75	99.61	80.98	160.8	157.7	28.19	28.22	26.9	26.24	41.78	0	0	0	0	-0.75	0	3.75	12.05	14.52
5.1	5027	92.75	99.61	80.98	160.7	158.2	28.15	28.18	27.05	26.66	41.71	0	0	0	0	-0.75	0	4.5	12.05	14.48
5.18	5047	92.75	99.61	81.08	160.6	158.7	28.12	28.22	27	26.65	41.42	0	0	0	0	-0.38	0	4.5	12.05	14.52
5.24	5093	92.75	99.61	80.88	160.6	158.6	28.08	28.14	27.14	26.62	41.82	0	0	0	0	-0.38	0	4.5	12.05	14.44
5.32	5138	92.75	99.61	80.98	160.5	157.2	28.03	27.87	28.97	26.93	43.69	0	0	0	0	-0.38	0	4.5	12.05	14.17
5.38	5150	92.75	99.61	80.88	160.4	156.1	28.01	27.71	29.21	26.86	43.97	0	0	0	0	0	0	4.5	12.2	14.01
5.46	5186	92.75	99.61	80.98	160.4	156.1	27.97	27.75	28.68	26.88	43.42	0	0	0	0	0	0	4.5	12.2	14.05
5.52	5230	92.75	99.61	80.98	160.3	156.2	27.94	27.75	28.83	27.23	43.57	0	0	0	0	0	0	4.5	12.2	14.05
5.6	5273	92.75	99.61	80.98	160.2	156.1	27.9	27.91	28.78	27.53	43.52	0	0	0	0	0	0	4.5	12.2	14.2
5.66	5316	92.75	99.61	80.98	160.1	156.5	27.86	27.87	28.67	27.88	44.44	0	0	0	0	0	0	4.5	12.2	14.17
5.74	5348	92.75	99.61	80.98	160	156.8	27.84	27.79	29.13	28.06	44.9	0	0	0	0	0	0	4.5	12.05	14.09
5.8	5403	94.1	99.61	80.98	160	156.6	27.77	27.71	29.31	28.02	45.09	0	0	0	0	0	0	4.5	12.05	14.01
5.88	5395	94.1	99.61	81.08	159.9	156.3	27.86	27.75	29.63	27.9	44.39	0	0	0	0	0	0	4.5	12.2	14.05
5.94	5436	94.1	99.61	81.08	159.9	156.6	27.8	27.56	28.77	27.38	43.5	0	0	0	0	0	0	4.5	12.2	13.85
6.02	5476	94.1	99.61	80.98	159.8	156.7	27.76	27.6	29.59	28.03	45.37	0	0	0	0	0	0	4.5	12.2	13.89
6.08	5503	94.1	99.61	80.98	159.8	156.1	27.76	27.56	30.26	27.9	45.03	0	0	0	0	0	0	4.5	12.2	13.85
6.16	5529	94.1	99.61	80.98	159.7	156	27.75	27.52	29.86	27.89	45.62	0	0	0	0	0	0	4.88	12.05	13.81
6.22	5568	94.1	99.61	80.98	159.6	155.6	27.71	27.44	30.3	27.88	45.05	0	0	0	0	0	0	4.88	12.2	13.73
6.3	5604	94.1	99.61	80.98	159.6	155.3	27.68	27.36	30.32	28	45.07	0	0	0	0	0	0	4.88	12.2	13.65
6.36	5649	94.1	99.61	80.98	159.5	155.3	27.65	27.48	30.14	27.84	44.88	0	0	0	0	0	0	4.88	12.2	13.77
6.44	5715	94.1	99.61	80.98	159.3	155.5	27.59	27.32	29.94	28.19	45.7	0	0	0	0	0	0	4.88	12.05	13.61
6.5	5729	95.45	99.61	81.08	159.3	155.5	27.54	27.28	30.03	28.04	45.79	0	0	0	0	0	0	4.88	12.05	13.58

6.58	5728	95.45	99.61	80.98	159.3	155.1	27.58	27.44	29.99	27.47	44.99	0	0	0	0	0	0	4.88	12.2	13.73
6.64	5764	95.45	99.61	80.98	159.2	155	27.54	27.28	29.32	27.27	45.34	0	0	0	0	0	0	4.88	12.2	13.57
6.72	5777	95.45	99.61	80.98	159.2	155.2	27.55	27.4	29.86	27.76	45.89	0	0	0	0	0	0	4.88	12.05	13.69
6.8	5829	95.45	99.61	80.98	159.1	155.1	27.5	27.12	30.31	27.76	46.1	0	0	0	0	0	0	5.25	12.2	13.42
6.86	5848	95.45	99.61	80.98	159.1	154.3	27.53	27.28	31.09	27.77	46.12	0	0	0	0	0	0	5.25	12.2	13.57
6.94	5890	96.8	99.61	80.88	159	154	27.48	27.05	30.72	27.62	45.73	0	0	0	0	0	0	5.25	12.2	13.34
7.02	5945	96.8	99.61	80.98	158.9	153.9	27.46	26.93	31.09	28.01	45.83	0	0	0	0	0	0	5.25	12.2	13.22
7.12	5942	96.8	99.61	80.98	158.9	153.6	27.47	26.93	30.83	27.6	45.56	0	0	0	0	0	0	5.25	12.2	13.22
7.18	5991	96.8	99.61	80.98	158.8	153.2	27.42	26.97	30.67	27.46	46.14	0	0	0	0	0	0	5.25	12.2	13.26
7.26	6025	96.8	99.61	80.98	158.5	153.1	27.42	26.81	31.55	27.92	47.32	0	0	0	0	0	0	5.25	12.2	13.1
7.32	6040	96.8	99.61	80.98	158.5	152.2	27.43	26.73	31.16	27.61	46.63	0	0	0	0	0	0	5.25	12.2	13.03
7.4	6077	96.8	99.61	80.98	158	152.7	27.32	26.77	31.12	27.43	45.57	0	0	0	0	0	0	5.25	12.2	13.07
7.46	6258	98.15	99.61	80.98	156.3	152.1	27.11	26.65	31.97	28.79	46.77	0	0	0	0	0	0	6	12.2	12.95
7.54	6179	98.15	99.61	80.98	156.9	151	27.14	26.89	32.18	27.9	46.96	0	0	0	0	0	0	6.38	12.2	13.18
7.6	6113	98.15	99.61	80.98	157.5	150.6	27.3	26.73	31.01	27.05	46.8	0	0	0	0	0	0	6	12.35	13.02
7.68	6169	98.15	99.61	80.98	156.9	150.8	27.18	26.93	30.47	27.03	45.47	0	0	0	0	0	0	6.38	12.2	13.22
7.74	6258	98.15	99.61	80.98	156.2	151.1	26.98	26.65	31.3	28.04	47.08	0	0	0	0	0	0	6.38	12.2	12.95
7.82	6287	98.15	99.61	80.98	155.7	150.6	27.01	26.53	31.88	27.72	46.94	0	0	0	0	0	0	6.38	12.05	12.83
7.88	6342	99.5	99.61	80.98	155.1	149.8	26.83	26.73	30.71	27.75	46.74	0	0	0	0	0	0	6.75	12.05	13.02
7.96	6340	99.5	99.61	80.98	155.3	150	26.85	26.5	30.48	27.09	46.36	0	0	0	0	-3.75	0	6.75	12.2	12.79
8.02	6305	99.5	99.61	80.98	155.6	149.2	27.04	26.53	30.83	26.75	45.65	0	0	0	0	-3.75	0	6.38	12.2	12.83
8.1	6327	99.5	99.61	80.88	155.2	149.8	26.9	26.65	30.09	26.74	44.92	0	0	0	0	-3.75	0	6.75	12.2	12.95
8.16	6368	99.5	99.61	80.98	155	149.8	26.83	26.69	30.9	27.09	45.76	0	0	0	0	-3.75	0	6.75	12.2	12.98
8.24	6390	99.5	99.61	80.98	154.7	149.9	26.85	26.5	30.33	27.08	44.89	0	0	0	0	-3.38	0	6.75	12.2	12.79
8.3	6425	100.85	99.61	80.98	154.5	149.3	26.83	26.5	30.75	27.22	46.36	0	0	0	0	-3.38	0	6.75	12.2	12.79
8.38	6441	100.85	99.61	80.98	154.1	149.4	26.78	26.53	30.72	27.21	45.29	0	0	0	0	-3.38	0	6.75	12.2	12.83
8.44	6466	100.85	99.61	80.98	154.1	149.6	26.73	26.42	30.3	27.05	44.86	0	0	0	0	-3.38	0	6.75	12.2	12.71
8.52	6466	100.85	99.61	80.98	153.9	149.6	26.72	26.38	30.41	26.69	45.71	0	0	0	0	-3.38	0	6.75	12.2	12.67
8.58	6476	100.85	99.61	80.98	153.7	149.4	26.75	26.46	30.71	27.04	46.33	0	0	0	0	-3	0	6.75	12.05	12.75
8.66	6525	100.85	99.61	80.98	153.3	149.5	26.63	26.46	30.12	27.03	45.75	0	0	0	0	-3	0	7.5	12.2	12.75
8.72	6557	100.85	99.61	80.98	153.1	149.4	26.61	26.61	30.47	27.17	45.09	0	0	0	0	-3	0	7.5	12.05	12.9
8.8	6564	102.2	99.61	80.98	152.9	149.6	26.54	26.38	31	27	45.62	0	0	0	0	-3	0	7.5	12.05	12.67
8.86	6582	102.2	99.61	80.88	152.7	149.1	26.58	26.34	30.28	26.84	45.91	0	0	0	0	-3	0	7.5	12.2	12.63
8.94	6608	102.2	99.61	80.98	152.4	148.5	26.57	26.3	30.8	26.99	45.43	0	0	0	0	-2.62	0	7.5	12.2	12.59
9	6618	102.2	99.61	80.98	152.3	148.3	26.59	26.3	30.53	26.98	45.16	0	0	0	0	-2.62	0	7.5	12.2	12.59
9.08	6675	102.2	99.61	81.08	151.9	148.2	26.46	26.14	30.26	26.97	45.9	0	0	0	0	-2.62	0	7.5	12.2	12.43
9.14	6662	102.2	99.61	80.98	151.8	148.4	26.44	26.34	30.12	26.81	45.75	0	0	0	0	-2.62	0	7.5	12.2	12.63
9.22	6691	103.55	53.64	80.88	151.5	148.4	26.42	26.3	29.72	26.6	45.35	0	0	0	0	-2.62	0	7.5	12.2	12.59
9.28	6646	103.55	0	53.41	88.39	147.2	15.77	26.61	9.66	19	24.91	0	0	0	0	-2.25	0	2.25	12.2	12.9
9.36	6407	103.55	0	18.18	51.59	93.39	13.71	32.42	15.63	15.39	31.27	0	0	0	0	-2.25	0	-12	12.64	18.72
9.42	5683	103.55	0	7.35	22.59	42.43	13.71	31.99	17.83	17.56	32.21	0	0	0	0	-2.25	0	-1.5	12.94	18.28
9.5	5115	103.55	0	3.17	13.12	17.45	13.71	26.69	43.39	42.73	58.08	0	0	0	0	0	0	18.75	14.7	12.98
9.56	4869	104.9	0	3.78	11.48	10.43	13.71	22.53	44.17	43.49	58.87	0	0	0	0	0	0	14.62	14.41	8.82
9.64	4926	104.9	0	5	11.51	10.64	13.71	20.06	44.11	43.43	59.41	0	0	0	0	0	0	5.62	13.96	6.35
9.7	4928	104.9	0	5.92	11.31	10.67	13.71	18.33	44.38	43.71	59.09	0	0	0	0	0	0	5.62	13.96	4.62
9.78	4917	104.9	0	6.13	11.31	10.59	13.71	17.31	44.18	43.51	60.73	0	0	0	0	0	0	6.38	14.55	3.6
9.84	4926	104.9	0	6.43	11.31	11.07	13.71	16.56	44.18	43.51	58.88	0	0	0	0	0	0	5.62	24.55	2.85

9.92	4912	104.9	0	6.74	11.3	11.19	13.71	16.01	44.18	43.51	58.47	0	0	0	0	0	0	5.62	39.84	2.3
9.98	4903	103.55	0	7.05	11.3	11.03	13.71	15.7	44.2	43.52	59.3	0	0	0	0	0	0	5.62	70.71	1.99
10.06	4900	103.55	0	6.94	11.29	11.12	13.71	15.43	44.2	43.52	59.3	0	0	0	0	0	0	5.62	110.4	1.72
10.12	4875	103.55	0	6.94	11.28	11.17	13.71	15.23	44.22	43.54	58.92	0	0	0	0	0	0	5.62	182.57	1.52
10.2	4876	103.55	0	7.05	11.28	11.19	13.71	15.07	44.22	43.54	58.91	0	0	0	0	0	0	5.62	217.12	1.36
10.26	4871	103.55	0	7.05	11.28	11.08	13.71	14.95	44.22	43.54	59.32	0	0	0	0	0	0	5.62	235.2	1.24
10.34	4864	103.55	0	7.05	11.27	11.18	13.71	14.88	44.24	43.56	58.93	0	0	0	0	0	0	5.62	235.2	1.17
10.4	4850	103.55	0	7.15	11.26	11.17	13.71	14.8	44.25	43.58	58.94	0	0	0	0	0	0	5.62	235.2	1.09
10.48	4844	103.55	0	7.15	11.26	11.17	13.71	14.72	44.25	43.58	58.94	0	0	0	0	0	0	5.62	235.2	1.01
10.54	4833	103.55	0	7.15	11.25	11.14	13.71	14.64	44.27	43.6	59.38	0	0	0	0	0	0	5.25	235.2	0.93
10.62	4824	103.55	0	7.15	11.25	11.13	13.71	14.64	44.27	43.6	59.38	0	0	0	0	0	0	5.62	235.2	0.93
10.68	4813	103.55	0	7.15	11.24	11.07	13.71	14.56	44.27	43.6	59.37	0	0	0	0	0	0	5.62	235.2	0.85
10.76	4811	103.55	0	7.25	11.24	11.16	13.71	14.56	44.27	43.6	60.4	0	0	0	0	0	0	5.25	235.2	0.85
10.84	4804	103.55	0	7.25	11.24	11.13	13.71	14.52	44.29	43.62	59.39	0	0	0	0	0	0	5.62	235.2	0.81
10.9	4794	103.55	0	7.25	11.23	11.14	13.71	14.48	44.31	43.63	59.41	0	0	0	0	0	0	5.25	235.2	0.77
10.98	4785	103.55	0	7.25	11.23	11.08	13.71	14.48	44.31	43.63	59.41	0	0	0	0	0	0	5.25	235.2	0.77
11.08	4773	103.55	0	7.35	11.22	11.19	13.71	14.48	44.31	43.63	59.41	0	0	0	0	0	0	5.25	235.2	0.77
11.14	4765	103.55	0	7.35	11.21	11.14	13.71	14.48	44.33	43.65	59.42	0	0	0	0	0	0	5.25	235.2	0.77
11.2	4759	103.55	0	7.35	11.21	11.18	13.71	14.48	44.33	43.65	59.42	0	0	0	0	0	0	5.25	235.2	0.77
11.28	4752	103.55	0	7.35	11.21	11.1	13.71	14.44	44.35	43.67	59.44	0	0	0	0	0	0	5.62	235.2	0.73
11.36	4736	103.55	0	7.35	11.2	11.09	13.71	14.4	44.35	43.67	59.85	0	0	0	0	0	0	5.25	235.2	0.69
11.42	4730	103.55	0	7.45	11.19	11.13	13.71	14.4	44.36	43.69	59.45	0	0	0	0	0	0	5.25	235.2	0.69
11.5	4720	103.55	0	7.45	11.19	11.17	13.71	14.4	44.36	43.69	59.45	0	0	0	0	0	0	5.62	235.2	0.69
11.56	4712	103.55	0	7.35	11.18	11.14	13.71	14.4	44.38	43.7	59.06	0	0	0	0	0	0	5.25	235.2	0.7
11.64	4705	103.55	0	7.45	11.18	11.14	13.71	14.4	44.38	43.7	59.47	0	0	0	0	0	0	5.25	235.2	0.7
11.7	4686	103.55	0	7.35	11.17	11.05	13.71	14.4	44.4	43.72	59.49	0	0	0	0	0	0	5.25	235.2	0.7
11.78	4667	103.55	0	7.45	11.16	11.09	13.71	14.4	44.42	43.74	59.51	0	0	0	0	0	0	5.25	235.2	0.7
11.84	4655	103.55	0	7.45	11.15	11.07	13.71	14.37	44.44	43.76	59.53	0	0	0	0	0	0	4.88	235.2	0.66

