Time (sec)	Accel Ped. Pos.	Actual Load (loa	Boost (PSI)	Boost Mean Ab	Cyl1 Timing Cor	Cyl2 Timing Cor	Cyl3 Timing Cor	Cyl4 Timing Cor	Cyl5 Timing Cor	Cyl6 Timing Cor	Fuel LPFP (PSI)	Lambda (Bank1	Lambda (Bank2	Load Requeste	RPM (RPM)	TPS Act. (%)	Timing Cyl. 1 (°)	WGDC After PI	WGDC Bank 1 (	WGDC Bank 2 (	WGDC Base Value (%)
0	15.2	34.8	-4.4	14.6	0	0	0	-6.4	0	0	78	13.96	14.55	35	1761	8.2	29.2	4.5	16.4	16.4	4.2
0.043	15.2	34.7	-4.3	14.6	0	0	0	-6	0	0	78	14.26	14.55	35	1766	8.3	29.2	4.5	15.9	15.9	4.2
0.111	15.5	34.9	-4.3	14.6	0	0	0	-6	0	0	79	14.7	14.7	36	1772	8.3	29.2	4.4	16.3	16.3	4.1
0.2	15.2	35.7	-4.1	14.6	0	0	0	-5.6	0	0	78	14.55	15.29	34.8	1782	8.3	28.9	4.5	15.9	15.9	4.2
0.269	15.5	35.1	-4.1	14.6	0	0	0	-5.6	0	0	78	14.7	15.29	36	1803	9	29.2	4.4	16.3	16.3	4.1
0.342	15.5	35.4	-4	14.6	0	0	0	-5.6	0	0	78	14.7	14.7	36	1817	8.7	30	4.4	16.2	16.2	4.1
0.399	15.8	35.5	-3.9	14.6	0	0	0	-5.2	0	0	78	14.55	14.41	36.9	1829	9.4	30	4.3	16.2	16.2	4
0.471	16.3	36.1	-3.7	14.6	0	0	0	-5.2	0	0	78	14.41	14.11	37.8	1839	9.1	29.2	4.2	16.1	16.1	4
0.543	18.7	39.1	-3.1	14.5	0	0	0	-5.2	0	0	77	14.26	13.96	40.1	1850	10.3	27.4	4.1	16	16	3.9
0.605	20.6	38.6	-2.8	14.6	0	0	0	-4.9	0	0	78	14.41	13.96	40.4	1882	10.4	28.5	4.3	15.7	15.7	4
0.684	22	40.1	-2.5	14.6	0	0	0	-4.9	0	0	77	14.55	13.67	42.1	1900	11.5	27	5.3	16.7	16.7	5
0.747	23.2	42.2	-2.2	14.6	0	0	0	-4.9	0	0	78	14.7	13.96	44.4	1916	12.6	25.5	6.2	17.6	17.6	5.8
0.81	23.8	45.9	-1.8	14.6	0	0	0	-4.5	0	0	77	14.7	14.41	48.6	1932	14.1	23.2	7.9	19.3	19.3	7.4
0.889	25.8	50.5	-1.5	14.6	0	0	0	-4.5	0	0	77	14.85	14.41	54	1948	15.9	21	9.2	20.6	20.6	8.6
0.96	27	58.3	-1.1	14.6	0	0	0	-4.1	0	0	75	14.41	14.26	61	1941	18.4	17.2	10.9	22.2	22.2	10.1
1.017	28.8	64	-0.9	14.6	0	0	0	-4.1	0	0	74	13.52	13.67	68	1922	23	16.5	14	25.4	25.4	13
1.08	28.8	69.9	-0.6	14.6	0	0	0	-4.1	0	0	74	12.79	13.23	73.3	1914	26.8	15.4	15.2	26.6	26.6	14.1
1.168	29.1	74.3	-0.3	14.6	0	0	0	-4.1	0	0	74	12.94	13.23	78.7	1929	31.5	15	16.8	28.3	28.3	15.7
1.234	29.1	78.5	0	14.6	0	0	0	-4.1	0	0	72	12.94	13.23	82.8	1959	39.1	13.9	17.2	29.9	29.9	16.1
1.31	29.2	81.1	0.1	14.6	0	0	0	-4.1	0	0	69	13.38	13.67	85.4	1992	40.7	13.9	15.4	27.9	27.9	14.4
1.382	29.2	79.5	0.1	14.6	0	0	0	-4.1	0	0	70	14.11	13.96	91.9	2025	40.7	13.5	45.7	57.6	57.3	16.2
1.449	29.2	79.8	0.1	14.6	0	0	0	-4.1	0	0	70	14.7	14.41	91.7	2059	41.2	14.2	50	63.3	63	12.2
1.514	29.3	79.6	0.1	14.6	0	0	0	-4.1	0	0	71	14.41	14.99	91.4	2093	41.6	14.2	33	45.7	45.5	11.4
1.59	29.3	79.8	0.2	14.7	0	0	0	-4.1	0	0	72	14.41	14.55	91.4	2133	42	15.4	31.2	44.3	44	11.5
1.653	29.7	79.8	0.2	14.8	0	0	0	-4.1	0	0	71	14.41	14.41	92.1	2173	42.5	15.4	30.1	42.9	42.7	11.6
1.715	29.7	80.4	0.3	14.8	0	0	0	-4.1	0	0	74	14.7	14.7	92	2206	43	15.4	27.9	40.7	40.5	11.6
1.783	29.8	80.7	0.4	14.8	0	0	0	-4.1	0	0	72	14.99	14.41	92	2237	43.5	15.4	25.5	38.2	38.1	11.5
1.865	29.8	80.8	0.4	14.9	0	0	0	-4.1	0	0	72	14.41	14.55	92	2278	43.9	15	23.2	35.6	35.5	11.3
1.917	29.8	81.2	0.4	14.9	0	0	0	-4.1	0	0	73	14.41	14.7	92.1	2313	44.4	15	21.9	33.5	33.4	11.2
1.99	30.4	81.9	0.5	15	0	0	0	-4.1	0	0	72	14.85	14.55	92.9	2345	44.8	15	21.2	33.9	33.7	11.1
2.056	31.6	82.3	0.6	15	0	0	0	-3.8	0	0	72	14.55	14.7	96.8	2384	45.6	15	22.3	33.9	33.8	11.3
2.122	32.5	82.7	0.6	15.1	0	0	0	-3.8	0	0	72	14.85	14.99	98.3	2420	46.6	15	30.9	42.7	42.5	13.1
2.191	34.2	83.7	0.7	15.2	0	0	0	-3.4	0	0	71	14.85	14.7	102.5	2456	47.6	15	48.6	61.3	60.9	15.4
2.269	34.7	84.3	0.8	15.3	0	0	0	-3.4	0	0	70	14.55	14.55	107.7	2493	49.1	14.2	57	71.1	69.8	17.8
2.342	35.2	84.6	0.9	15.4	0	0	0	-3	0	0	71	14.85	14.55	108.7	2525	50.8	13.9	57	69.4	69.1	14.4
2.404	36.1	84.5	1	15.4	0	0	0	-3	0	0	71	14.55	14.7	109.7	2570	53.5	13.9	57	70.9	70.7	14.7
2.473	36.1	85.2	1.1	15.5	0	0	0	-2.6	0	0	71	15.14	14.85	108.8	2610	56.7	13.9	57	70.1	69.8	14
2.551	36.9	84.8	1.1	15.6	0	0	0	-2.6	0	0	70	14.85	14.99	109.8	2650	59.5	13.9	57	70.9	70.7	15.4
2.623	38.8	85.6	1.3	15.7	0	0	0	-2.6	0	0	69	14.85	15.14	112.5	2690	63.3	13.9	57	70.1	69.8	16
2.679	40.5	85.7	1.3	15.8	0	0	0	-2.2	0	0	69	14.41	14.41	114.7	2735	67.1	13.5	57	70.1	69.8	17.1
2.748	42.9	86	1.4	15.9	0	0	0	-2.2	0	0	70	14.55	14.55	118.5	2770	71.8	14.2	57	70	69.8	19.8
2.811	42.9	86.1	1.5	16	0	0	0	-2.2	0	0	71	15.29	15.14	118.4	2808	76.6	14.2	57	70	69.8	15.5
2.871	43.7	86.7	1.6	16.1	0	0	0	-1.9	0	0	71	15.43	15.14	119	2859	78.6	14.2	57	70	69.8	16.3
2.948	43.7	86.8	1.7	16.2	0	0	0	-1.9	0	0	72	14.41	14.85	118.4	2899	80.1	14.2	57	70	69.8	15.3
3.01	42.4	87.4	1.8	16.3	0	0	0	-1.5	0	0	73	14.41	14.55	116.2	2934	81	14.2	57	69.5	69.3	15.3
3.085	41.9	88.2	1.9	16.4	0	0	0	-1.5	0	0	75	15.29	14.99	114.2	2975	81.2	14.2	57	69.5	69.3	15.1
3.163	40	89.1	2	16.5	0	0	0	-1.1	0	0	74	15.73	15.29	109.4	3036	81.1	15	44.8	58.1	58	14.6
3.225	39.8	90	2.1	16.6	0	0	0	-1.1	0	0	73	13.96	14.41	109.8	3085	81.1	15	38.9	52	52	14.1
3.298	40.1	90.9	2.3	16.8	0	0	0	-1.1	0	0	73	14.41	14.26	110.1	3104	81.1	14.2	31.2	44	43.9	13.9
3.36	40.5	92	2.4	16.8	0	0	0	-0.8	0	0	74	15.73	15.43	112	3170	81.1	14.2	35.5	47.4	47.4	14.7
3.444	44.4	93.7	2.5	17	0	0	0	-0.8	0	0	73	14.41	14.55	118.1	3227	81	14.2	57	69	68.9	18.6
3.507	45.7	95.1	2.7	17.1	0	0	0	-0.4	0	0	72	14.11	14.11	122.2	3261	81	15	57	69.6	69.5	18.5
3.57	59.8	96.4	2.8	17.3	0	0	0	-0.4	0	0	73	16.02	15.43	129	3304	81	15	57	69.6	69.5	20.6
3.663	99.6	98.5	3	17.5	0	0	0	0	0	0	71	14.7	14.7	129.2	3391	81	15	57	71.2	71.2	16.5
3.721	99.6	99.8	3.2	17.7	0	0	0	0	0	0	74	14.11	14.11	129.6	3414	81	15	57	69.6	69.6	17
3.798	99.6	101.4	3.5	18	0	0	0	0	0	0	74	15.43	15.43	129.8	3451	81	15	57	70.1	70.1	17.1
3.872	99.6	102.7	3.7	18.2	0	0	0	0	0	0	74	15.14	15.58	130	3540	81	15.4	53.8	67.8	67.8	17
3.937	99.6	104.1	3.9	18.4	0	0	0	0	0	0	73	14.11	14.41	130.2	3608	81	13.5	45.2	58.3	58.3	17.1
3.996	99.6	106.4	4.3	18.8	0	0	0	0	0	0	74	15.14	14.7	130.8	3622	81	15.4	38.6	52	52	17.5
4.064	99.6	107.8	4.6	19	0	0	0	0	0	0	74	15.58	15.14	131	3709	81	15	30.3	43.2	43.2	17.4
4.144	99.6	109.9	5	19.4	0	0	0	0	0	0	74	14.55	14.85	129.6	3766	81	12.4	27.1	39.1	39.1	17.5
4.213	99.6	111.7	5.3	19.9	0	0	0	0	0	0	74	14.85	15.14	128.6	3823	81	14.2	24.6	37.2	37.2	17.5
4.275	99.6	113.2	5.7	20.2	0	0	0	0	0	0	73	15.14	14.7	127.2	3889	81	13.5	20.2	32.6	32.6	17.5
4.338	99.6	115.4	6.2	20.7	0	0	0	0	0	0	73	14.7	14.99	126.7	3964	81	13.5	19.9	31.3	31.3	17.7
4.405	99.6	115.9	6.4	21.2	0	0	0	0	0	0	71	15.29	14.7	126.4	4015	81	12.4	20.8	32.1	32.1	18.8
4.482	99.6	123	7.4	21.8	0	0	0	0	0	0	74	15.14	15.14	126.1	4092	81	12.8	19	30.7	30.7	18.2
4.55	99.6	125.1	7.9	22.5	0	0	0	0	0	0	73	14.55	14.55	125.6	4182	81	10.9	21.1	32.7	32.7	20.2
4.618	99.6	127.6	8.3	23.4	0	0	0	0	0	0	78	13.82	13.52	123.4	4257	45.4	10.5	15	27.7	27.7	18.2
4.687	99.6	123.3	7.8	25	0	0	0	0	0	0	79	14.85	14.85	122.1	4325	27.3	10.9	8.8	21.2	21.2	18
4.763	99.6	121.1	7.4	25.7	0	0	0	0	0	0	76	13.67	13.52	122.4	4381	24.9	10.9	13.6	25.1	25.1	18.6
4.825	99.6	121.6	7.6	25.8	0	0	0	0	0	0	71	13.96	13.82	122.8	4456	24.5	10.9	15.6	27.3	27.3	19
4.898	99.6	122.4	7.7	25.7	0	0	0	0	0	0	70	13.67	13.82	123.3	4543	25.3	10.5	16	27.7	27.7	19.5
4.96	99.6	122.9	7.9	25.7	0	0	0	0	0	0	70	13.67	13.52	123.7	4617	26.4	10.5	15.9	27.6	27.6	19.3
5.03	99.6	123.7	8	25.7	0	0	0	0	0	0	72	13.96	13.82	124	4676	27.2	9.8	16	27.7	27.7	19.5
5.093	99.6	123	7.9	25.6	0	0	0	0	0	0	70	13.82	13.82	124.5	4761	28.7	10.5	16.2	28.2	28.2	19.8
5.153	99.6	124.2	8.1	25.4	0	0	0	0	0	0	72	13.82	13.82	124.8	4831	31.2	10.5	16.5	28	28	20.1
5.223	99.6	124.8	8.2	25.5	0	0	0	0	0	0	74	13.96	13.96	125.2	4907	32	9.8	16.7	28.1	28.1	20.3

5.296	99.6	125.2	8.3	25.6	0	0	0	0	0	0	74	13.67	13.67	125.7	5000	32.4	9.8	17.1	29.8	29.8	20.8
5.372	99.6	125.7	8.4	25.6	0	0	0	0	0	0	75	13.52	13.52	126	5069	33.4	10.5	16.7	29.2	29.2	20.5
5.439	99.6	126.1	8.4	25.6	0	0	0	0	0	0	77	13.38	13.52	126.3	5129	33.8	10.5	16.5	29	29	20.5
5.508	99.6	126.3	8.5	25.4	0	0	0	0	0	0	76	13.23	13.38	126.7	5225	35	10.5	16.6	28.2	28.2	20.8
5.592	99.6	126.4	8.4	25.4	0	0	0	0	0	0	71	13.23	13.08	127.1	5315	35.5	10.5	16.9	28.3	28.3	20.9
5.653	99.6	127.5	8.5	25.2	0	0	0	0	0	0	70	13.08	13.08	127.5	5385	37.1	10.5	17	28.6	28.6	21.1
5.716	99.6	127.7	8.5	25.2	0	0	0	0	0	0	71	12.79	12.94	127.8	5459	37.3	10.5	17.2	30	30	21.2
5.784	99.6	128	8.5	25.1	0	0	0	0	0	0	70	12.64	12.94	127.6	5533	38.2	10.9	17.3	28.8	28.8	21.5
5.847	99.6	126.8	8.3	25.2	0	0	0	0	0	0	73	12.79	12.79	126.8	5615	37.5	10.9	16.2	27.7	27.7	21.6
5.915	99.6	126.5	8.2	25.1	0	0	0	0	0	0	74	12.79	12.79	126	5661	37.2	10.9	15.5	27.9	27.9	21.6
5.984	99.6	125.5	7.9	25.1	0	0	0	0	0	0	72	12.79	12.79	124.8	5762	36.9	10.9	15.2	26.6	26.6	21.8
6.057	99.6	124	7.7	25.1	0	0	0	0	0	0	74	12.49	12.64	123.7	5867	36.5	11.2	15	26.3	26.3	22
6.129	99.6	123.4	7.6	25.1	0	0	0	0	0	0	73	12.79	12.64	123.5	5892	35.9	11.2	14.9	27.3	27.3	21.7
6.207	99.6	122.5	7.5	25.1	0	0	0	0	0	0	73	12.79	12.64	122.7	5937	36	11.2	14.7	27.1	27.1	21.7
6.27	99.6	121.9	7.3	25	0	0	0	0	0	0	71	12.64	12.64	121.6	6041	36	11.2	14.4	26.9	26.9	21.7
6.333	99.6	121.1	7.1	25	0	0	0	0	0	0	70	12.79	12.49	120.3	6098	35.4	11.2	14.1	26.7	26.7	21.8
6.391	99.6	119.8	6.9	25	0	0	0	0	0	0	73	12.64	12.49	119.4	6171	34.7	12	13.5	26	26	21.7
6.469	99.6	118.8	6.7	25.2	0	0	0	0	0	0	72	12.64	12.49	118.1	6236	34	12	13.9	25.4	25.4	21.7
6.532	99.6	117.3	6.5	25.1	0	0	0	0	0	0	72	12.49	12.64	117.4	6283	33.6	12	14	25.6	25.6	21.7
6.609	99.6	116.5	6.4	25.1	0	0	0	0	0	0	73	12.64	12.49	116.3	6356	33.6	12.4	13.9	26.3	26.3	21.6
6.672	97.2	115.4	6.2	25.2	0	0	0	0	0	0	73	12.49	12.49	115.2	6431	33	12.4	13.5	24.8	24.8	21.5
6.748	69.3	114.7	6.1	25.2	0	0	0	0	0	0	72	12.2	12.64	114.4	6485	32.9	12.4	13.5	25.9	25.9	21.4
6.827	28.5	113.6	5.9	25.2	0	0	0	0	0	0	73	12.35	12.49	113.4	6537	32.7	12.8	13.4	24.7	24.7	21.3
6.889	0	100.3	3.8	27	0	0	0	0	0	0	76	12.79	12.49	70.4	6594	23.2	13.5	12.4	23.8	23.8	11.6
6.955	0	55.2	-3.8	26	0	0	0	0	0	0	83	12.94	12.64	38.3	6476	13.6	21.8	11.4	22.7	22.7	10.6
7.028	0	26.3	-8.7	24.9	0	0	0	0	0	0	80	13.96	13.08	19.9	6450	7.8	30.8	22.2	33.8	33.8	20.6
7.086	0	16.5	-10.4	22.6	0	0	0	0	0	0	79	13.38	13.08	15.3	6430	7.7	32.2	43.3	55.5	55.5	40.2
7.149	0	13.8	-10.8	21.2	0	0	0	0	0	0	80	13.38	13.67	12.5	6449	5.8	21.4	46.5	58.8	58.8	43.2
7.215	0	12	-11.1	19.8	0	0	0	0	0	0	79	13.52	13.38	12.4	6416	7.3	9.4	46.6	59	59	43.4
7.278	0	11.8	-11.2	18.8	0	0	0	0	0	0	79	14.99	14.99	12.3	6316	7.4	7.9	47	59.7	59.7	43.7
7.346	0	11.8	-11.2	18	0	0	0	0	0	0	78	17.35	16.46	12.1	6169	7.7	7.9	47.3	59.6	59.6	44
7.408	0	11.6	-11.2	17.4	0	0	0	0	0	0	80	38.22	42.19	11.9	5954	7.8	7.5	47.5	59.9	59.9	44.2
7.477	0	11.7	-11.2	17	0	0	0	0	0	0	81	235.2	235.2	11.8	5752	7.8	7.1	47.8	60.1	60.1	44.4
7.545	0	11.8	-11.2	16.6	0	0	0	0	0	0	80	235.2	235.2	11.7	5539	7.8	7.1	48	59.9	59.9	44.6
7.603	1.8	11.7	-11.2	16.3	0	0	0	0	0	0	80	235.2	235.2	11.8	5350	7.7	9.8	48.1	60.5	60.5	44.7
7.683	1.7	11.8	-11.1	16.1	0	0	0	0	0	0	80	56.74	71.15	11.7	5181	7.7	9.8	48.3	60.6	60.6	44.9
7.745	11.1	11.6	-11.1	15.9	0	0	0	0	0	0	78	22.34	23.08	11.6	5010	7.5	9.4	48.4	60.8	60.8	45
7.797	15.3	11.4	-11.1	15.8	0	0	0	0	0	0	79	21.76	21.61	11.5	4875	7.4	9	48.6	61	61	45.2
7.859	27	11.3	-11.1	15.7	0	0	0	0	0	0	79	18.82	18.96	11.4	4732	7.3	13.9	48.7	61.1	61.1	45.3
7.922	35.2	15.2	-10.4	15.2	0	0	0	0	0	0	78	18.82	18.96	22.9	4622	12.9	19.5	19	31.6	31.6	17.6
7.995	57.8	25.9	-8.5	14.9	0	0	0	0	0	0	75	18.96	19.7	45.2	4622	15	31.9	11.9	24.3	24.3	11.1
8.064	99.6	62.5	-2.1	14.1	0	0	0	0	0	0	71	15.14	16.17	75.1	4690	30.3	-10.5	14.5	26.1	26.1	13.5
8.143	99.6	72.7	-0.5	14.1	0	0	0	0	0	0	63	13.38	13.67	124.8	4822	64.4	-8.2	57	50.1	50.1	16
8.209	99.6	76.1	0.1	14.8	0	0	0	0	0	0	57	13.38	14.55	125.5	4976	79	-7.5	57	52.1	52.1	19.3
8.273	99.6	80.7	0.9	15.9	0	0	0	0	0	0	64	14.7	16.46	124.7	4785	79.5	-8.2	57	51.9	51.8	19
8.35	99.6	80.8	0.9	17.3	0	0	0	0	0	0	72	14.99	14.7	122.2	4331	80.8	-7.9	47.7	45.7	45.7	18.2
8.423	99.6	95.3	3.5	18.4	0	0	0	0	0	0	77	16.02	15.88	122.1	4327	81.2	-3.4	29.5	37	37.2	17.8
8.483	99.6	94.4	3.5	19.2	0	0	0	0	0	0	82	13.38	13.67	123.4	4580	81.1	12.4	26.6	37.9	38	19.5
8.568	99.6	107.7	5.5	20.2	0	0	0	0	0	0	78	15.29	15.58	122.9	4477	81	2.6	14.6	25.9	25.9	17.9
8.634	99.6	108.3	5.7	21.2	0	0	0	0	0	0	77	13.52	13.67	123.6	4605	81	12	17.4	28.9	28.9	19.4
8.703	99.6	117.2	7.2	22.4	0	0	0	0	0	0	73	14.85	14.7	123.7	4620	81	10.9	16.5	28.8	28.8	19.4
8.776	99.6	124.6	8.3	23.4	0	0	0	0	0	0	71	14.26	13.96	123.7	4619	71.6	9.8	14.7	27.1	27.1	19.4
8.853	99.6	127.6	8.9	24.8	0	0	0	0	0	0	73	13.67	13.67	123.5	4585	38.5	9.4	10.1	22.4	22.4	19.7
8.916	99.6	123.3	8.1	26.1	0	0	0	0	0	0	74	13.82	13.67	123.4	4565	27.4	9.8	9.4	20.7	20.7	20.2
8.995	99.6	124	8.1	26.2	0	0	0	0	0	0	76	13.38	13.23	123.4	4566	27.1	9.8	14.5	26.9	26.9	19.1
9.057	99.6	122.5	8	26.1	0	0	0	0	0	0	74	13.38	13.38	123.6	4606	27	8.2	14.9	27.2	27.2	19.1
9.129	99.6	123.3	8.1	25.9	0	0	0	0	0	0	71	13.52	13.52	123.7	4609	27.8	9.8	15.1	26.4	26.4	19.5
9.193	99.6	123.6	8.1	25.9	0	0	0	0	0	0	70	13.67	13.52	123.8	4624	28.1	9.8	14.9	27.3	27.3	19.3
9.276	99.6	123.9	8.1	26	0	0	0	0	0	0	71	13.67	13.52	123.9	4647	28.1	9	14.8	27.2	27.2	19.4
9.338	99.6	123.9	8.1	25.9	0	0	0	0	0	0	70	13.67	13.52	124	4672	28.6	9.8	14.8	26.2	26.2	19.5
9.428	99.6	123.3	8.1	25.9	0	0	0	0	0	0	72	13.67	13.67	124.1	4712	29	9.8	14.8	27.3	27.3	19.5
9.485	99.6	123.4	8.1	25.8	0	0	0	0	0	0	72	13.67	13.82	124.4	4745	30	10.5	14.9	26.3	26.3	19.7
9.56	99.6	124.3	8.3	25.7	0	0	0	0	0	0	75	13.67	13.67	124.5	4771	31.7	10.5	14.9	27.3	27.3	19.7
9.627	99.6	124.8	8.4	25.7	0	0	0	0	0	0	76	13.82	13.67	124.7	4814	32.2	10.5	14.9	26.4	26.4	19.9
9.704	99.6	125.1	8.4	25.7	0	0	0	0	0	0	74	13.67	13.67	124.9	4841	32.4	10.5	15	27.4	27.4	20
9.766	99.6	125.3	8.4	25.8	0	0	0	0	0	0	74	13.67	13.52	125.1	4890	32.7	9.8	15	26.4	26.4	20.1
9.845	99.6	125.2	8.4	25.8	0	0	0	0	0	0	73	13.52	13.52	125.3	4915	33	9.8	15.1	27.5	27.5	20.2
9.908	99.6	125.3	8.5	25.8	0	0	0	0	0	0	72	13.52	13.38	125.5	4954	33.3	9.8	15.3	26.4	26.4	20.5
9.981	99.6	125.1	8.5	25.8	0	0	0	0	0	0	73	13.38	13.38	125.6	4988	33.6	9.8	15.1	27.5	27.5	20.4
10.045	99.6	125.9	8.5	25.6	0	0	0	0	0	0	72	13.38	13.38	125.8	5012	34.3	10.9	15.1	26.4	26.4	20.5
10.108	99.6	125.8	8.6	25.6	0	0	0	0	0	0	71	13.38	13.23	126	5053	34.5	10.5	15	27.3	27.3	20.5
10.177	99.6	126.4	8.6	25.6	0	0	0	0	0	0	73	13.23	13.23	126.1	5085	35.3	10.5	14.9	27.5	27.5	20.7
10.254	99.6	126.7	8.7	25.6	0	0	0	0	0	0	72	13.08	13.23	126.2	5106	35.4	10.5	14.8	27.1	27.1	20.6
10.316	99.6	126.5	8.7	25.5	0	0	0	0	0	0	74	13.23	13.23	126.4	5151	36	10.5	14.8	27.1	27.1	20.7
10.389	99.6	127.1	8.7	25.4	0	0	0	0	0	0	73	13.08	13.08	126.5	5184	37	10.5	14.9	27.4	27.4	20.7
10.477	99.6	127	8.8	25.4	0	0	0	0	0	0	76	13.08	13.08	126.7	5219	37.5	10.5	15	27.5	27.5	20.8
10.534	99.6	127.6	8.8	25.3	0	0	0	0	0	0	75	13.08	13.08	126.9	5252	37.5	10.5	15	26.4	26.4	20.8
10.61	99.6	126.8	8.7	25.4	0	0	0	0	0	0	73	13.08	12.94	127	5297	37.5	10.5	14.8	27.2	27.2	20.8

10.673	99.6	126.7	8.7	25.4	0	0	0	0	0	0	73	12.94	12.79	127.1	5323	37.6	10.5	14.5	26.9	26.9	20.9	
10.756	99.6	127.3	8.7	25.4	0	0	0	0	0	0	73	13.08	13.08	127.4	5350	37.7	10.5	14.6	26	26	21	
10.822	99.6	127.7	8.8	25.2	0	0	0	0	0	0	74	12.79	12.94	127.5	5396	38.6	10.5	14.8	26.3	26.3	21.1	
10.898	99.6	128	8.7	25.3	0	0	0	0	0	0	70	12.94	12.94	127.6	5415	38.7	10.5	14.7	26.1	26.1	21.2	
10.971	99.6	127.8	8.7	25.2	0	0	0	0	0	0	70	12.79	12.94	127.8	5459	39.4	10.5	14.8	26.3	26.3	21.3	
11.037	99.6	127.7	8.7	25.2	0	0	0	0	0	0	71	12.94	12.79	127.9	5498	39.4	10.5	14.8	27.3	27.3	21.4	
11.105	99.6	128.1	8.7	25.2	0	0	0	0	0	0	72	12.94	12.64	127.6	5525	39.7	10.9	14.7	27.2	27.2	21.5	
11.174	99.6	127.6	8.6	25.2	0	0	0	0	0	0	72	12.64	12.94	127.3	5559	39.6	10.9	14.3	26.8	26.8	21.5	
11.24	99.6	127.3	8.5	25.2	0	0	0	0	0	0	73	12.79	12.79	126.8	5590	39.1	10.9	13.9	25.3	25.3	21.6	
11.303	99.6	127	8.5	25.1	0	0	0	0	0	0	72	12.79	12.79	126.5	5615	39.4	10.9	13.6	26	26	21.6	
11.373	99.6	126	8.4	25.2	0	0	0	0	0	0	73	12.79	12.79	126.1	5656	39	10.9	13.2	25.6	25.6	21.6	
11.435	99.6	125.9	8.3	25.1	0	0	0	0	0	0	73	12.64	12.79	124.9	5673	38.5	10.9	12.2	24.5	24.5	21.5	
11.501	99.6	124.2	8	25.1	0	0	0	0	0	0	72	12.64	12.79	123.7	5706	37.4	11.2	11.5	23.8	23.8	21.4	
11.565	99.6	122.3	7.7	25.2	0	0	0	0	0	0	75	12.79	12.79	122.3	5744	36.1	11.2	11.2	23.6	23.6	21.3	
11.633	99.6	121.5	7.5	25.3	0	0	0	0	0	0	73	13.08	12.94	121	5759	35.1	11.2	11	23.3	23.3	21.1	
11.703	99.6	120	7.2	25.3	0	0	0	0	0	0	73	12.94	12.94	119.7	5797	34	12	10.7	23	23	20.9	
11.782	5.9	118.6	7	25.4	0	0	0	0	0	0	73	12.94	12.94	108.5	5825	33.4	12	8.7	21	21	20	
11.843	0	89.1	2	27.5	0	0	0	0	0	0	75	12.79	12.79	65.1	5814	19.1	15	11.2	24.3	24.3	11.2	
11.92	0	51.1	-4.5	25.5	0	0	0	0	0	0	83	14.11	13.82	37.6	5766	11.6	23.2	11	22.3	22.3	11	
11.993	0	24.7	-9	24.5	0	0	0	0	0	0	80	13.82	13.82	18.6	5768	5.9	32.2	25.6	37.3	37.3	25.6	
12.053	0	15.9	-10.5	22.1	0	0	0	0	0	0	79	13.08	12.79	13.2	5729	6.6	28.1	43.9	55.3	55.3	43.9	
12.133	0	11.8	-11.2	20.4	0	0	0	0	0	0	79	13.96	13.96	12	5722	6.5	9.4	44.4	57.2	57.2	44.4	
12.196	0	11.1	-11.3	19.2	0	0	0	0	0	0	80	14.99	14.99	11.8	5741	7	7.5	44.4	55.9	55.9	44.4	
12.258	0	11.6	-11.2	18.4	0	0	0	0	0	0	80	20.14	19.4	11.8	5707	7.4	7.1	44.4	55.9	55.9	44.4	
12.325	0	11.3	-11.2	17.6	0	0	0	0	0	0	81	39.4	39.1	11.8	5711	7.7	7.5	44.4	56.7	56.7	44.4	
12.397	0	11.2	-11.2	17.1	0	0	0	0	0	0	82	235.2	235.2	11.8	5701	7.9	7.1	44.4	56.3	56.3	44.4	
12.464	0	11.4	-11.2	16.7	0	0	0	0	0	0	82	235.2	235.2	11.8	5676	8	7.1	44.5	57.6	57.6	44.5	
12.519	0	11.5	-11.2	16.3	0	0	0	0	0	0	80	235.2	235.2	11.7	5645	8.3	7.1	44.5	57.2	57.2	44.5	
12.588	0	11.5	-11.2	16.1	0	0	0	0	0	0	80	235.2	235.2	11.7	5611	8.1	7.1	44.5	56.4	56.4	44.5	
12.664	0	11.7	-11.1	15.9	0	0	0	0	0	0	82	235.2	235.2	11.7	5592	8.3	7.1	44.6	56.8	56.8	44.6	
12.717	0	11.7	-11.1	15.7	0	0	0	0	0	0	81	235.2	235.2	11.7	5554	8.3	7.1	44.6	56.5	56.5	44.6	
12.793	0	11.5	-11.1	15.6	0	0	0	0	0	0	81	235.2	235.2	11.7	5523	8.1	6.8	44.6	56.5	56.5	44.6	
12.855	0	11.6	-11.1	15.4	0	0	0	0	0	0	80	235.2	235.2	11.7	5513	8.3	6.8	44.6	56.9	56.9	44.6	
12.928	0	11.6	-11.1	15.3	0	0	0	0	0	0	80	235.2	235.2	11.6	5487	8.3	7.1	44.7	56.5	56.5	44.7	
13.006	0	11.4	-11.1	15.3	0	0	0	0	0	0	80	235.2	235.2	11.6	5458	8.3	7.1	44.7	57	57	44.7	
13.068	0	11.6	-11.1	15.1	0	0	0	0	0	0	81	235.2	235.2	11.6	5419	8.3	6.8	44.7	57	57	44.7	
13.151	0	11.5	-11.1	15.1	0	0	0	0	0	0	79	235.2	235.2	11.6	5379	8.3	6.8	44.8	57	57	44.8	
13.209	0	11.4	-11.1	15	0	0	0	0	0	0	81	235.2	235.2	11.6	5338	8.3	6.8	44.8	57.1	57.1	44.8	