Time	RPM (RPM	Charge Air	TPS Act. (%	Req. Boost	Boost Mea	Cyl1 Timin	Cyl2 Timin	Cyl3 Timin	Cyl4 Timin	Cyl5 Timin	Cyl6 Timin	Timing Cyl.	Lambda (B	Lambda (B	LTFT (Bank	LTFT (Bank	STFT (Bank	STFT (Bank	Fuel HPFP	Fuel HPFP	Fuel LPFP (	Fuel LPFP (PSI)
10.16	1899	108.95	8.37	14.41	15.66	0	0	0	0	0	0	9	13.96	15.29	9.38	12.5	-3.3	-1.25	724.77	751.08	72.48	72.48
10.24	1838	108.95	8.17	14.41	15.5	0	0	0	0	0	0	11.62	13.96	14.99	8.59	11.72	-3.64	-1.51	724.77	770.86	72.48	72.14
10.32	1800	108.95	7.86	14.41	15.43	0	0	0	0	0	0	9.75	14.11	14.7	8.59	12.5	-3.64	-2.7	724.77	753.08	72.48	72.29
10.38	1812	108.95	7.86	14.41	15.27	0	0	0	0	0	0	12	14.55	14.55	8.59	11.72	-3.27	-2.44	724.77	734.23	72.48	72.14
10.46	1848	108.95	8.17	14.41	15.19	0	0	0	0	0	0	18.38	14.85	14.41	8.59	11.72	-2.61	-1.25	724.77	753.47	72.48	72.48
10.52	1875	108.95	8.37	14.41	15.07	0	0	0	0	0	0	30.38	15.14	14.41	8.59	11.72	-1.68	-2.05	724.77	755.09	72.48	72.29
10.6	1885	108.95	8.48	14.41	15.03	0	0	0	0	0	0	30.75	15.29	14.55	8.59	11.72	-1.61	-1.9	724.77	761.01	72.48	72.14
10.66	1902	108.95	8.68	14.41	14.99	0	0	0	0	0	0	30.75	15.43	14.7	8.59	11.72	-1.86	-0.88	724.77	742.31	72.48	72.29
10.74	1925	108.95	8.78	14.41	14.95	0	0	0	0	0	0	30.75	15.58	14.85	8.59	11.72	-1.79	0	724.77	734.54	72.48	72.14
10.82	1946	108.95	8.88	14.41	14.95	0	0	0	0	0	0	31.5	15.29	14.99	8.59	11.72	-2.51	1.04	724.77	744.85	72.48	72.48
10.88	1958	108.95	8.99	14.41	14.95	0	0	0	0	0	0	31.5	14.99	14.85	9.38	12.5	-2.28	0.06	724.77	745.62	72.48	72.48
10.96	1969	108.95	8.99	14.41	14.91	0	0	0	0	0	0	23.25	14.55	14.7	9.38	12.5	-3.08	-0.23	724.77	726.77	72.48	72.68
11.02	1986	108.95	8.99	14.41	14.91	0	0	0	0	0	0	22.88	14.41	14.7	9.38	12.5	-3.03	-0.55	724.77	735.31	72.48	72.48
11.1	2003	108.95	8.88	14.41	14.91	0	0	0	0	0	0	22.5	14.55	14.55	9.38	12.5	-2.48	-0.9	724.77	750.47	72.48	72.68
11.16	2012	108.95	8.88	14.41	14.88	0	0	0	0	0	0	21.38	14.41	14.55	9.38	12.5	-2.18	-1.55	724.77	734	72.48	72.68
11.24	2022	108.95	8.78	14.41	14.88	0	0	0	0	0	0	24	14.55	14.7	9.38	12.5	-1.96	-1.7	724.77	734	72.48	72.83
11.3	2028	108.95	8.88	14.41	14.88	0	0	0	0	0	0	33	14.7	14.85	9.38	12.5	-2.16	-1.84	724.77	727.85	72.48	72.83
11.38	2047	108.95	8.99	14.41	14.84	0	0	0	0	0	0	23.62	14.7	15.14	9.38	12.5	-2.06	-0.88	724.77	722.77	72.48	72.48
11.44	2072	108.95	9.19	14.41	14.84	0	0	0	0	0	0	33	14.7	15.29	9.38	12.5	-2.9	-0.53	724.77	727	72.48	72.29
11.52	2092	108.95	9.19	14.41	14.84	0	0	0	0	0	0	33	14.85	15.29	9.38	12.5	-2.3	-0.66	724.77	727.08	72.48	72.48
11.6	2107	108.95	9.29	14.41	14.84	0	0	0	0	0	0	33	14.85	15.14	9.38	12.5	-2.23	0.2	724.77	718.3	72.48	72.29
11.66	2115	108.95	8.78	14.41	14.84	0	0	0	0	0	0	33	14.7	14.7	9.38	12.5	-2.57	-0.16	724.77	735.31	72.48	72.48
11.77	2116	108.95	7.56	14.41	14.88	0	0	0	0	0	0	33	14.85	14.41	8.59	10.94	-1.58	-0.85	724.77	734.69	72.48	73.02
11.85	2125	108.95	5	14.41	14.99	0	0	0	0	0	0	33	14.7	14.26	8.59	10.94	-2.52	-1.08	724.77	718.84	72.48	73.18
11.91	2127	107.6	5.92	14.41	14.91	0	0	0	0	0	0	33	14.99	14.11	6.25	8.59	-2.18	-0.26	724.77	733.54	72.48	72.68
11.99	2134	107.6	6.84	14.41	14.8	0	0	0	0	0	0	33	14.85	13.96	5.47	7.81	-3.1	-3.28	724.77	736.23	72.48	73.37
12.05	2167	107.6	7.05	14.41	14.8	0	0	0	0	0	0	33	14.85	13.96	5.47	7.81	-3.5	-4.43	724.77	718.84	72.48	72.83
12.13	2194	108.95	8.27	14.41	14.72	0	0	0	0	0	0	33	15.29	14.26	6.25	8.59	-1.28	-2.27	724.77	725.15	72.48	72.83
12.19	2196	107.6	7.97	14.41	14.72	0	0	0	0	0	0	33	15.88	14.7	7.03	9.38	0.12	-0.1	724.77	713.69	72.48	71.06
12.27	2168	107.6	9.09	14.41	14.64	0	0	0	0	0	0	24.38	15.73	15.29	7.81	10.94	0.2	2.55	724.77	747.24	72.48	71.79
12.33	2157	107.6	12.15	14.41	14.56	0	0	0	0	0	0	24	15.29	15.29	10.16	12.5	-1.15	3.03	724.77	768.63	72.48	71.06
12.41	2207	107.6	17.67	14.41	14.44	0	0	0	0	0	0	16.12	14.41	14.85	11.72	14.84	-3.46	1.27	724.77	774.09	72.48	70.18
12.47	2301	107.6	28.49	14.6	14.48	0	0	0	0	0	0	1.88	14.41	14.41	11.72	14.84	-3.08	-0.94	830.96	860.35	72.48	70.02
12.55	2393	107.6	70.16	19.07	14.64	0	0	0	0	0	0	12.75	13.82	14.26	11.72	14.84	-3.4	0.55	1005.16	936.22	72.48	69.83
12.61	2400	107.6	78.43	21.64	14.99	0	0	0	0	0	0	12.75	13.67	13.67	10.94	14.06	-6.88	-4.25	1201.15	1076.49	72.48	70.91
12.69	2366	107.6	79.45	22.58	15.35	0	0	0	0	0	0	9.75	13.52	13.52	8.59	12.5	-11.54	-9.6	1375.36	1184.14	72.48	70.37
12.75	2378	107.6	80.88	24.23	15.74	0	0	0	0	0	0	11.62	13.38	13.23	8.59	12.5	-13.85	-12.13	1549.57	1395.9	72.48	71.41
12.83	2442	107.6	81.08	26.14	16.21	0	0	0	0	0	0	11.25	13.67	13.52	7.81	11.72	-12.63	-11.07	1745.55	1608.12	72.48	73.72
12.89	2509	107.6	81.08	26.87	16.68	0	0	0	0	0	0	12	13.82	13.82	7.81	10.94	-11.59	-9.45	1941.54	1728.39	72.48	72.83
12.97	2552	107.6	81.08	26.49	17.15	0	0	0	0	0	0	14.25	13.67	13.82	7.03	10.16	-11.7	-9	2045.8	1933.61	72.48	71.79
13.03	2610	107.6	81.08	25.33	17.74	0	0	0	0	0	0	15	14.11	14.11	7.03	10.16	-11.96	-9.8	2028.8	2147.06	72.48	74.06
13.11	2700	107.6	81.08	25.4	18.37	0	0	0	0	0	0	13.88	15.73	15.14	6.25	8.59	-7.13	-6.53	2174.46	2114.9	72.48	76.02
13.19	2774	107.6	80.98	25.75	19.19	0	0	0	0	0	0	15.38	15.29	15.58	5.47	7.03	-7	-3.67	2320.66	2164.92	72.48	74.6
13.25	2824	107.6	81.08	26.01	20.02	0	0	0	0	0	0	15.38	14.85	14.7	4.69	6.25	-6.21	-4.79	2474.32	2355.98	72.48	71.25
13.33	2903	107.6	80.98	26.4	20.8	0	0	0	0	0	0	15	15.43	15.29	3.91	5.47	-3.59	-1.81	2643.99	2552.27	72.48	73.37
13.39	3000	107.6	80.98	26.59	21.71	0	0	0	0	0	0	15.38	15.14	15.73	3.12	3.91	-4.21	1.66	2662.77	2714.86	72.48	72.48
13.47	3084	107.6	80.98	26.7	22.73	0	0	0	0	0	0	14.25	14.99	15.43	2.34	3.12	-0.05	6.04	2828.43	2869.06	72.48	74.45
13.53	3168	107.6	80.98	27.18	23.91	0	0	0	0	0	0	13.5	14.26	14.41	2.34	3.12	2.49	5.85	2836.82	3019.34	72.48	75.33
13.61	3263	107.6	80.98	27.6	25.04	0	0	0	0	0	0	13.5	14.41	14.7	2.34	2.34	2.35	8.53	2795.96	3095.52	72.48	80.79
13.67	3368	107.6	80.98	28.41	26.34	0	0	0	0	0	0	12.75	14.41	14.41	2.34	2.34	5.76	10.62	2753.95	3008.18	72.48	77.6
13.75	3460	107.6	80.98	29.38	27.48	0	0	0	0	0	0	12.75	14.26	14.26	2.34	2.34	6.92	12.61	2710.09	2976.64	72.48	77.99
13.81	3589	107.6	81.08	30.4	28.77	0	0	0	0	0	0	12.75	13.96	14.11	2.34	2.34	10.76	14.49	2652.23	2933.08	72.48	73.56
13.89	3743	107.6	80.98	30.31	29.87	0	0	0	0	0	0	12.38	13.82	13.82	2.34	2.34	10.38	15.92	2592.13	2873.6	72.48	72.83
13.95	3927	107.6	80.98	30.31	30.62	0	0	0	0	0	0	6	13.52	13.82	2.34	2.34	11.05	17.08	2521.18	2751.8	72.48	77.1
14.03	4021	107.6	80.98	30.61	30.81	0	0	0	0	0	0	0	13.67	13.38	2.34	2.34	16.82	20.22	2466.32	2637.76	72.48	71.25
14.09	4042	107.6	80.98	31.03	31.01	0	0	0	0	0	0	0	12.94	12.94	2.34	2.34	18.2	21.09	2433.39	2472.48	72.48	65.41
14.17	4148	107.6	80.98	31.45	31.17	0	0	0	0	0	0	0	12.94	12.94	2.34	2.34	19.37	23.19	2390.37	2387.91	72.48	65.41
14.25	4353	107.6	80.98	31.98	31.17	0	0	0	0	0	0	-0.75	12.64	12.79	2.34	2.34	19.67	24.23	2299.27	2209.08	72.48	71.25
14.31	4452	107.6	80.98	32.51	31.01	0	0	0	0	0	0	-1.12	12.79	12.64	2.34	2.34	21.59	25.43	2218.78	2124.98	72.48	61.52
14.39	4548	107.6	80.98	29.97	31.21	0	0	0	0	0	0	-1.12	12.35	12.49	1.56	2.34	21.68	24.67	2172.15	2059.04	72.48	66.64
14.45	4600	107.6	80.98	30.46	30.89	0	0	0	0	0	0	-1.12	12.35	12.2	1.56	1.56	21.48	24.16	2146.83	2034.34	72.48	68.94
14.53	4701	107.6	80.98	30.96	30.54	0	0	0	0	0	0	-0.75	12.35	12.2	1.56	1.56	21.58	24.5	2120.59	1997.94	72.48	53.56
14.59	4855	107.6	80.98	31.48	30.19	0	0	0	0	0	0	0	12.2	12.05	1.56	1.56	20.22	23.4	2080.04	1986.63	72.48	62.06
14.67	5037	107.6	80.98	32.08	29.91	0	0	0	0	0	0	0	12.05	12.05	0.78	1.56	19.41	22.29	2027.33	1993.63	72.48	56.06
14.73	4996	107.6	80.98	29.43	30.03	0	0	0	0	0	0	0	12.2	11.91	1.56	1.56	19.5	21.32	2031.49	2026.1	72.48	46.67
14.81	5012	107.6	80.98	29.98	30.23	0	0	0	0	0	0	0.75	12.05	12.2	1.56	1.56	18.22	22.18	2038.11	2037.11	72.48	61.71
14.87	5088	107.6	80.98	30.51	30.19	0	0	0	0	0	0	1.5	12.2	12.2	0.78	1.56	20.8	22.68	2019.72	2044.72	72.48	58.52
14.95	5186	107.6	80.98	31.17	29.24	0	0	0	0	0	0	2.62	11.61	11.61	0.78	0.78	14.93	17.9	2002.87	2050.11	72.48	47.55
15.05	5360	107.6	81.08	31.84	28.14	0	0	0	0	0	0	9.38	12.2	11.91	0.78	0.78	15.57	17.73	1979.47	2118.75	72.48	50.4
15.11	5353	107.6	80.98	32.6	28.03	0	0	0	0	0	0	10.12	12.05	12.2	0.78	0.78	15	18.15	1978.47	2174.23	72.48	52.17
15.19	5486	107.6	80.98	32.51	28.26	0	0	0	0	0	0	10.12	12.35	12.35	0.78	0.78	17.88	18.82	1964.08	2152.53	72.48	55.52
15.25	5628	107.6	80.98	32.26	28.11	0	0	0	0	0	0	10.12	12.2	12.35	0.78	0.78	16.82	19.46	1943.92	2193.77	72.48	51.79
15.33	5660	107.6	80.98	32.12	28.22	0	0	0	0	0	0	10.12	12.35	12.2	0.78	0.78	16.38	19.34	1932.07	2186.15	72.48	52.17
15.39	5765	107.6	81.08	32.04	28.34	0	0	0	0	0	0	10.5	12.2	12.05	0.78	0.78	16.36	18.18	1920.61	2161.07	72.48	49.13
15.47	5860	107.6	80.98	31.96	27.99	0	0	0	0	0	0	10.5	12.2	12.2	0.78	0.78	16.44	17.98	1905.3	2109.67	72.48	50.55
15.53	5924	107.6	80.98	31.81	27.99	0	0	0	0	0	0	10.5	12.2	12.05	0.78	0.78	15.88	16.92	1901.06	2085.12	72.48	45.44
15.61	6023	107.6	80.98	31.77	27.52	0	0	0	0	0	0	11.25	12.05	12.05	0.78	0.78	15.56	16.17	1883.06	2083.81	72.48	46.86
15.67	6121	107.6	81.08	31.63	27.44	0	0	0	0	0	0	11.25	12.2	12.2	0.78	0.78	14.9	16.19	1872.9	2044.26	72.48	47.36
15.75	6262	107.6	80.98	31.47	26.93	0	0	0	0	0	0	11.62	12.05	12.05	0.78	0.78	14.27	15.44	1851.05	2026.87	72.48	48.63
15.81	6286	107.6	80.88	31.13	26.65	0	0	0	0	0	0	11.62	12.05	12.05	0.78	0.78	12.73	14.72	1843.28	2006.56	72.48	47.21
15.89	6310	107.6	80.98	30.91	26.77	0	0	0	0	0	0	12.38	12.2	12.2	0.78	0.78	12.63	14.72	1842.81	1970.7	72.48	49.13
15.95	6389	107.6	80.98	30.79	26.53	0	0	0	0	0	0	12.75	12.2	12.2	0.78	0.78	12.93	14.37	1830.58	1921.76	72.48	46.86
16.03	6406	107.6	80.98	27.13	26.3	0	0	0	0	0	0	13.5	12.2	12.2	0.78	0.78	13.14	14.14	1828.12	1994.79	72.48	49.67
16.09	6491	107.6	80.98	26.55	25.83	0	0	0	0	0	0	12.38	13.08	13.08	0.78	0.78	19.1	20.1	1816.58	1746.71	72.48	50.21
16.15	6615	107.6	80.98	25.83	25.28	0	0	0	0	0	0	12.38	11.76	11.76	0.78	0.78	19.1	20.1	1797.49	1790.18	72.48	47.55
16.23	6720	107.6	80.98	24.7	24.57	0	0	0	0	0	0	13.5	11.61	11.76	0.78	0.78	10.3	12.08	1777.95	1784.57	72.48	47.75
16.31	6604	107.6	81.08	30.5	24.65	0	0	0	0	0	0	18.75	12.05	12.2	0.78	0.78	11.52	13.03	1760.1	1839.58	72.48	54.09
16.37	6611	107.6	80.98	29.24	24.06	-4.5	0	0	-3.75	0	0	9.75	13.67	13.08	0.78	0.78	10.38	11.91	1695	1600.12	72.48	65.75
16.45	6691	107.6	80.98	26.97	23	-4.5	0	0	-3.75	0	0	-1.88	12.49	12.64	0.78	0.78	14.6	17.22	1782.41	1984.71	72.48	54.98
16.51	6384	107.6	80.88	24.4	23.08	-4.5	0	0	-3.75	0	0	-8.25	12.35	12.49	0.78	0.78	13.51	16.23	1814.04	2013.72	72.48	54.29
16.59	5896	107.6	80.98	24.63	24.26	-4.5	0	0	-3.75	0	0	-9.75	12.64	12.64	0.78	0.78	15.86	18.18	1880.06	1959.77	72.48	55.52
16.67	5513	107.6	80.98	25.29	25.44	-4.12	0	0	-3.75	0	0	-12	12.94	12.79	0.78	0.78	17.81	20.69	1942.92	2003.48	72.48	57.83
16.73	5156	107.6	80.98	26.13	26.61	-4.12	0	0	-3.38	0	0	-13.5	12.79	12.49	0.78	0.78	19.81	21.48	1995.94	2117.44	72.48	55.86
16.81	4800	108.95	80.98	26.22	27.71	-4.12	0	0	-3.38	0	0	-15	12.79	12.64	1.56	1.56	20.15	22.23	2060.11	2179.69	72.48	58.86
16.87	4672	108.95	48.2	23.03	28.42	-3.75	0	0	-3.38	0	0	-4.88	12.94	12.79	1.56	1.56	23.96	25.86	2127.83	2207.7	72.48	58.17
16.95	4710	108.95	15.73	16.54	31.91	-7.12	0	0	-3	0	0	2.62	12.2	12.2	1.56	1.56	18.99	19.29	2112.44	2366.75	72.48	73.18
17.03	4515	108.95	8.27	14.41	28.14	-7.12	-6.75	0	-3	0	0	13.88	13.08	13.08	3.91	4.69	16.77	17.67	1825.96	1817.35	72.48	82.56
17.11	4477	108.95	7.97	14.41	23.47	-11.62	-6.75	0	-2.62	0	0	20.25	12.64	12.49	8.59	9.38	16.66	17.59	1695.77	1286.18	72.48	78.49
17.17	4486	108.95	3.27	14.41	21.31	-0.38	0	0	0	0	0	27.75	12.35	12.05	1.56	1.56	8.76	17.59	1587.27	1214.23	72.48	77.1

43.09	1262	111.65	9.09	14.4	14.29	0	0	0	0	0	0	17.25	13.96	13.96	7.81	11.72	3.56	0.26	759.01	612.96	72.48	72.48
43.15	1354	111.65	11.03	14.4	14.29	0	0	0	0	0	0	18	13.67	13.52	7.81	11.72	2.28	-3.18	754.01	587.88	72.48	72.29
43.23	1457	111.65	13.17	14.4	14.25	0	0	0	0	0	-3	16.88	13.38	13.23	7.81	11.72	1.62	-4.72	739.39	563.87	72.48	72.29
43.29	1551	111.65	15.01	14.4	14.21	0	0	0	0	0	-3	16.5	13.52	13.23	8.59	11.72	0.02	-5.16	724.77	564.49	72.48	72.48
43.37	1658	111.65	15.93	14.4	14.29	0	0	0	0	0	-3	17.25	13.96	13.82	8.59	12.5	-0.14	-3.79	741	550.71	72.48	72.29
43.43	1718	110.3	16.24	14.4	14.37	0	0	0	0	0	-3	18.38	14.55	14.7	8.59	12.5	0.8	0.44	742.39	544.56	72.48	72.29
43.51	1773	110.3	16.34	14.4	14.48	0	0	0	0	0	-2.62	18.38	15.58	16.02	9.38	12.5	3.46	5.81	754.47	567.87	72.48	71.79
43.57	1813	110.3	16.24	14.4	14.56	0	0	0	0	0	-2.62	18.75	16.17	16.32	9.38	12.5	5.14	8.82	763.63	585.26	72.48	71.95
43.65	1865	110.3	16.03	14.4	14.68	0	0	0	0	0	-2.25	19.5	16.17	16.17	9.38	13.28	5.55	11.36	760.78	628.97	72.48	71.41
43.71	1920	110.3	15.93	14.4	14.8	0	0	0	0	0	-2.25	20.25	15.43	15.29	10.16	13.28	5.43	10.62	769.32	640.43	72.48	71.79
43.79	1964	110.3	15.83	14.4	14.95	0	0	0	0	0	-2.25	21	14.55	14.7	10.16	13.28	4.8	9.22	766.47	667.83	72.48	72.14
43.85	2013	110.3	15.73	14.4	15.07	0	0	0	0	0	-1.88	21	14.41	14.26	10.16	13.28	5.52	7.39	772.86	687.91	72.48	73.02
43.93	2068	110.3	15.83	14.4	15.23	0	0	0	0	0	-1.88	21	13.96	14.11	10.94	14.06	5.03	6.38	770.71	713.61	72.48	72.83
44.01	2124	110.3	15.83	14.4	15.35	0	0	0	0	0	-1.88	21.38	13.96	14.41	10.94	14.06	3.93	4.92	776.4	717.92	72.48	73.37
44.07	2187	110.3	15.93	14.4	15.46	0	0	0	0	0	-1.5	21.38	14.41	14.7	11.72	14.06	3.81	5.18	784.86	739.08	72.48	73.18
44.15	2261	110.3	15.93	14.4	15.62	0	0	0	0	0	-1.5	21.38	14.55	14.99	12.5	14.84	3.7	5.46	786.33	731.85	72.48	73.02
44.21	2336	110.3	16.03	14.4	15.78	0	0	0	0	0	-1.12	21.75	14.55	14.99	12.5	14.84	2.51	6.4	788.4	770.4	72.48	72.14
44.29	2413	110.3	15.93	14.4	15.94	0	0	0	0	0	-1.12	21.75	14.85	14.85	13.28	15.62	2.45	5.5	795.48	745.77	72.48	73.18
44.35	2495	110.3	15.93	14.4	16.13	0	0	0	0	0	-1.12	21.75	14.99	14.55	13.28	15.62	2.14	5.61	808.26	774.63	72.48	71.25
44.43	2565	110.3	16.13	14.4	16.29	0	0	0	0	0	-0.75	22.5	14.7	14.11	14.06	15.62	1.13	4.06	810.33	788.71	72.48	72.68
44.49	2619	110.3	17.97	14.4	16.37	0	0	0	0	0	-0.75	19.88	14.55	13.96	14.06	16.41	-1.41	0.88	879.74	799.1	72.48	71.95
44.57	2696	110.3	18.99	14.56	16.49	0	0	0	0	0	-0.38	19.5	14.55	14.11	14.06	16.41	-3.16	-0.6	1045.49	850.35	72.48	69.14
44.63	2731	110.3	18.48	14.62	16.8	0	0	0	0	0	-0.38	-4.12	14.26	14.11	14.06	16.41	-5.27	-2.63	1123.36	1046.02	72.48	70.18
44.71	2599	110.3	17.87	14.86	17.19	0	0	0	0	0	0	-6.38	14.41	14.26	13.28	15.62	-5.56	-4.35	1136.05	1174.91	72.48	71.6
44.77	2461	110.3	17.36	15.2	17.58	0	0	0	0	0	0	-9.75	14.7	15.29	12.5	14.84	-4.86	-0.59	1233.08	1237.62	72.48	71.79
44.85	2324	110.3	17.36	15.49	17.82	0	0	0	0	0	0	-10.12	15.29	15.73	10.94	14.06	-2.83	0.91	1326.5	1265.4	72.48	74.6
44.91	2207	110.3	16.44	15.57	18.13	0	0	0	0	0	0	-9.75	15.43	15.29	9.38	13.28	-0.63	2.37	1346.58	1336.12	72.48	73.37
44.99	2156	110.3	15.62	15.55	18.17	0	0	0	0	0	0	-2.62	15.73	14.85	9.38	13.28	1.08	3.01	1338.66	1411.76	72.48	74.06
45.05	2224	110.3	16.44	15.73	17.94	0	0	0	0	0	0	8.62	15.73	15.14	10.16	13.28	4.61	7.75	1277.71	1469.47	72.48	73.91
45.13	2307	110.3	20.12	15.83	17.39	0	0	0	0	0	0	3	15.29	14.85	10.16	13.28	6.46	7.89	1369.28	1398.67	72.48	73.37
45.21	2375	110.3	24.1	15.83	16.92	0	0	0	0	0	0	3.38	14.85	14.55	9.38	13.28	6.99	7.31	1480.24	1419.76	72.48	72.14
45.27	2442	110.3	27.78	15.94	16.64	0	0	0	0	0	0	16.5	15.14	14.85	9.38	13.28	9.71	9.35	1475.7	1469.54	72.48	74.06
45.35	2538	110.3	43.2	16.28	16.29	0	0	0	0	0	0	16.88	14.99	15.43	8.59	12.5	10.41	12.45	1596.89	1517.25	72.48	71.6
45.43	2601	110.3	72.81	17.73	16.13	0	0	0	0	0	0	13.88	14.11	14.11	8.59	11.72	7.35	7.55	1728.24	1642.75	72.48	69.29
45.51	2635	110.3	76.89	21.36	16.25	0	0	0	0	0	0	15.38	13.67	13.38	7.03	10.16	4.58	4.67	1870.52	1897.6	72.48	71.25
45.59	2637	108.95	79.14	23.98	16.88	0	0	0	0	0	0	13.88	13.23	13.38	7.03	10.16	1.77	2.92	1936.84	2031.95	72.48	73.37
45.65	2659	108.95	80.57	25.17	17.47	0	0	0	0	0	0	13.88	12.79	12.79	7.03	10.16	-1.65	-0.11	1935.46	2095.13	72.48	74.95
45.71	2700	108.95	81.08	25.5	18.09	0	0	0	0	0	0	13.88	13.38	13.38	5.47	7.81	-0.77	0.47	2009.87	2074.35	72.48	75.14
45.79	2765	108.95	81.08	25.62	18.8	0	0	0	0	0	0	15	12.94	12.94	5.47	7.03	-3.15	-2.4	2227.63	2115.52	72.48	72.68
45.87	2839	108.95	81.08	26.02	19.59	0	0	0	0	0	0	15.38	13.38	13.52	4.69	6.25	-4.75	-2.42	2445.39	2351.98	72.48	73.72
45.93	2898	108.95	81.08	26.6	20.45	0	0	0	0	0	0	15	13.96	13.96	3.91	5.47	-2.95	-1.87	2574.89	2434.93	72.48	73.18
45.99	2967	108.95	81.08	26.71	21.27	0	0	0	0	0	0	15	14.7	14.85	3.12	3.91	1.13	3.14	2573.12	2620.21	72.48	73.72
46.07	3061	108.95	80.98	26.73	22.33	0	0	0	0	0	0	15.38	14.99	15.14	3.12	3.91	1.52	6.77	2792.19	2745.1	72.48	73.91
46.15	3133	108.95	81.08	26.88	23.43	0	0	0	0	0	0	13.88	14.55	14.7	2.34	3.12	4.6	8.23	2849.06	2915	72.48	81.49
46.21	3198	108.95	80.98	27.15	24.61	0	0	0	0	0	0	13.5	14.11	14.41	2.34	3.12	3.11	7.21	2824.05	3052.12	72.48	82.22
46.29	3286	108.95	80.98	27.16	25.75	0	0	0	0	0	0	13.5	14.26	14.55	2.34	2.34	6.28	11.06	2789.04	3047.81	72.48	76.02
46.35	3420	108.95	80.98	27.84	26.85	0	0	0	0	0	0	8.25	13.96	14.11	2.34	2.34	7.3	11.44	2728.48	3025.19	72.48	77.45
46.43	3487	108.95	80.98	28.34	27.79	0	0	0	0	0	0	10.12	14.26	14.26	2.34	2.34	10.71	14.92	2693.01	2946.47	72.48	74.6
46.49	3570	108.95	80.98	28.74	28.42	0	0	0	0	0	0	7.5	13.82	14.11	2.34	2.34	11.27	16.1	2657.53	2907	72.48	77.79
46.57	3664	108.95	80.98	29.34	28.62	0	0	0	0	0	0	6	13.96	14.26	2.34	2.34	14.64	19.9	2621.06	2846.06	72.48	80.1
46.63	3810	108.95	80.98	29.82	28.73	0	0	0	0	0	0	5.62	13.82	13.52	2.34	2.34	13.99	19.33	2568.04	2792.96	72.48	74.45
46.71	3879	108.95	80.98	30.72	29.2	0	0	0	0	0	0	12.38	13.52	13.38	2.34	2.34	16.74	19.53	2521.18	2742.41	72.48	78.87
46.77	4024	108.95	80.98	31.49	29.79	0	0	0	0	0	0	12.38	13.38	13.23	2.34	2.34	19.03	21.26	2465.09	2706.47	72.48	76.91
46.85	4131	108.95	80.98	31.93	30.38	0	0	0	0	0	0	1.5	13.23	13.23	2.34	2.34	19.38	22.78	2406.22	2616.14	72.48	69.48
46.91	4293	108.95	80.98	32.41	30.97	0	0	0	0	0	0	1.12	12.94	12.79	2.34	2.34	19.64	22.77	2321.89	2430.46	72.48	71.25
46.99	4440	108.95	80.98	32.64	31.21	0	0	0	0	0	0	-0.75	12.64	12.64	2.34	2.34	20.38	24.08	2237.48	2248.79	72.48	73.02
47.05	4566	108.95	80.98	32.64	31.17	0	0	0	0	0	0	-1.88	12.49	12.49	1.56	2.34	22.01	24.15	2153.76	2163.3	72.48	69.14
47.13	4671	108.95	80.98	32.64	31.01	0	0	0	0	0	0	-2.62	12.49	12.35	1.56	1.56	21.37	24.14	2116.36	2079.58	72.48	60.1
47.19	4729	108.95	80.98	32.64	30.93	0	0	0	0	0	0	-2.62	12.35	12.35	1.56	1.56	20.67	23.49	2111.44	2028.41	72.48	62.6
47.27	4706	107.6	80.98	32.64	31.01	0	0	0	0	0	0	-2.62	12.2	12.2	1.56	1.56	20.67	23.94	2099.43	2031.57	72.48	52.67
47.33	4789	107.6	80.98	32.64	30.89	0	0	0	0	0	0	-1.88	12.35	12.2	1.56	1.56	21.5	24.41	2084.28	2002.25	72.48	49.52
47.41	4826	107.6	80.98	32.64	30.85	0	0	0	0	0	0	-1.88	12.35	12.2	1.56	1.56	21.41	23.84	2079.81	1986.94	72.48	67.18
47.47	5124	107.6	80.98	32.64	30.38	0	0	0	0	0	0	-1.12	12.2	12.05	0.78	1.56	19.99	22.91	2018.95	1959.85	72.48	53.94
47.53	5230	107.6	80.98	29.28	30.11	-3.38	0	0	0	0	0	-0.38	12.2	12.05	0.78	0.78	20.05	21.46	2001.94	1979.47	72.48	57.63
47.61	5205	107.6	80.98	28.91	29.28	-3.38	0	0	0	0	0	-1.12	11.47	11.61	0.78	0.78	14.35	18.67	2003.17	2010.94	72.48	51.29
47.67	5183	107.6	80.98	30.56	27.08	-3.38	0	0	0	0	0	8.25	11.47	11.47	0.78	0.78	10.69	13	2005.48	2289.57	72.48	61.52
47.75	5170	107.6	80.98	31.23	24.93	-6.75	0	0	0	0	0	2.25	12.94	13.08	0	0	17.79	21.17	2000.17	1892.52	72.48	64.52
47.83	5129	107.6	80.98	31.91	24.89	-6.38	0	0	0	0	0	2.62	13.67	13.52	0	0	19.8	22.25	2006.94	2141.45	72.48	68.75
47.89	5216	107.6	80.98	32.62	25.16	-6.38	0	0	0	0	0	2.62	13.67	13.67	0	0	20.68	23.89	1999.33	2316.58	72.48	71.6
47.97	5340	107.6	80.98	32.64	25.75	-6.38	0	0	0	0	0	2.62	13.38	13.38	0	0	23.04	26.24	1983.63	2285.42	72.48	71.6
48.05	5440	107.6	80.88	32.64	26.42	-6	0	0	0	0	0	3	12.79	12.79	0	0	22.8	26.76	1968.55	2340.36	72.48	70.18
48.13	5537	107.6	80.98	32.64	27.01	-6	0	0	0	0	0	3	12.64	12.64	0	0	24.43	27.69	1955.31	2296.8	72.48	69.83
48.19	5597	107.6	80.98	32.63	27.12	-6	0	0	0	0	0	3	12.64	12.64	0	0	27.22	29.66	1942.92	2186.31	72.48	66.83
48.27	5635	107.6	80.98	32.62	27.01	-5.62	0	0	0	0	0	3.38	12.49	12.35	0	0	27.05	29.76	1936.15	2228.71	72.48	62.75
48.33	5708	107.6	80.98	32.62	26.97	-5.62	0	0	0	0	0	3.38	12.35	12.2	0	0	24.9	28.51	1929.69	2156.14	72.48	62.06
48.41	5817	107.6	80.98	32.53	27.16	-5.62	0	0	0	0	0	2.62	12.35	12.2	0	0	24.93	28.04	1914.53	2112.21	72.48	63.29
48.47	5879	107.6	80.88	32.48	26.65	-5.62	0	0	0	0	0	2.62	12.2	12.2	0	0	24.38	27.17	1901.06	2060.04	72.48	60.48
48.55	5941	107.6	80.98	32.43	26.77	-5.25	0	0	0	0	0	3.38	12.2	12.05	0	0	23.36	26.09	1899.37	2064.19	72.48	57.83
48.61	5744	107.6	80.98	32.5	26.73	-5.25	0	0	0	0	0	-9.75	12.35	12.35	0	0	22.57	26.01	1917.53	2029.41	72.48	60.83
48.69	5449	107.6	80.98	32.64	27.44	-5.25	0	0	0	0	0	-11.25	12.64	12.64	0	0	26.84	28.86	1950.23	2014.18	72.48	59.75
48.75	5174	107.6	80.98	32.64	28.3	-5.25	0	0	0	0	0	-10.88	12.49	12.49	0	0	26.69	30.15	1992.71	2089.35	72.48	61.33
48.83	4883	107.6	80.98	32.64	29.48	-4.88	0	0	0	0	0	-13.12	12.94	12.79	0	0	29.2	31.48	2052.27	2144.83	72.48	61.33
48.91	4531	107.6	80.98	31.44	30.5	-4.88	0	0	0	0	0	-14.62	12.79	12.94	0	0	29.18	33.46	2147.99	2220.93	72.48	63.29
48.97	4193	107.6	64.95	23.82	31.52	-4.88	0	0	0	0	0	-15	12.79	12.79	0	0	27.83	32.75	2307.35	2325.04	72.48	68.25
49.05	4093	107.6	17.16	16.2	33.56	-4.5	0	0	0	0	0	-13.12	12.35	11.91	0	0	20.22	13.16	2409.07	2440.16	72.48	68.94
49.11	4004	107.6	7.76	14.4	30.66	-4.5	0	0	0	0	0	-3	12.94	12.94	0	0	15.16	16.26	2289.03	2213.01	72.48	80.26
49.19	4079	107.6	8.58	14.4	26.57	-4.12	-3.38	0	-3.38	0	0	15.38	13.08	13.67	0.78	1.56	12.87	14.19	1962.39	1678.38	72.48	78.33
49.25	4049	107.6	3.27	14.4	23.2	-1.88	0	0	0	0	0	19.5	13.52	13.52	0.78	1.56	12.17	10.46	1730.24	1412.76	72.48	77.99
49.33	4021	107.6	2.76	14.4	20.68	0	0	0	0	0	0	17.62	13.38	13.67	0	0	0.71	3.19	1628.98	1312.57	72.48	77.45
49.39	3996	107.6	5.21	14.4	18.84	0	0	0	0	0	0	16.88	13.08	13.67	0	0	-5.02	0.76	1527.71	1298.33	72.48	77.45