BlueDriver Data Log

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Time(s)	Calculated Engine Load Va	Engine Coolant Te	Short Term F	Long Term F	Engine RPM(	Vehicle Speed(MPH)	Intake Air Temperature(Â°F)	Mass Air Flow Rate(g/s)	Mass Air Flow Rate(lb/min)	O2 Bank 1 - Sensor 2 - Oxygen Se	Commanded Evaporative Purge(%)	Catalyst Temperature Bank 1 - Sensor 2(Â°F)	Absolute Evap System Vapor Pressure(kPa)	Absolute Evap System Vapor Pressure(inHâ‚‚O)
0	0	104	0	-6.2	0	0	75	0.23	0	0	0	954.1	100.8	404.67
1.7	0	104	0	-6.2	0	0	75	0.23	0	0	0	954.1	100.8	404.67
3.4	0	104	0	-6.2	15	0	75	0.23	0	0	0	954.1	100.811	404.72
5.1	26.2	104	0	-6.2	132	0	75	1.93	0.3	0	0	954.1	100.811	404.72
6.8	87.9	104	0	-5.5	237	0	75	2.68	0.4	0	0	954.1	100.811	404.72
8.5	52.5	104	0	-4.8	721	0	75	3.5	0.5	0	0	872.2	100.844	404.85
10.2	43.3	104	0	-4.7	1002	0	75	4.22	0.6	0	0	193.2	100.826	404.78
11.9	39.7	103	0	-4.7	1113	0	73	4.27	0.6	0	0	89.9	100.82	404.76
13.6	39.2	102	0	-4.7	1112	0	73	4.46	0.6	0	0	90.2	100.82	404.76
15.3	40.3	100	0	-4.7	1165	0	73	4.63	0.6	0	0	90.5	100.82	404.76
17	39.2	100	0	-4.7	1195	0	73	4.71	0.6	0	0	91	100.82	404.76
18.7	39.2	102	-5.1	-4.7	1186	0	73	4.7	0.6	0	0	92	100.82	404.76
20.4	39.2	103	-7.4	-4.7	1176	0	73	4.66	0.6	0	0	93	100.82	404.76
22.1	39.4	104	-8	-4.7	1173	0	73	4.64	0.6	0	0	94.3	100.82	404.76
23.8	39.6	104	-8.6	-4.7	1152	0	73	4.58	0.6	0	0	95.9	100.82	404.76
25.5	39.6	104	-8.6	-4.7	1141	0	73	4.54	0.6	0	0	97.5	100.82	404.76
27.2	39.6	106	-8.6	-4.7	1128	0	73	4.49	0.6	0	0	99.2	100.82	404.76
28.9	39.9	106	-8.6	-4.7	1133	0	73	4.48	0.6	0	0	101.1	100.82	404.76
30.6	40	107	-8.3	-4.7	1145	0	73	4.53	0.6	0	0	103.3	100.82	404.76
32.3	39.8	108	-7.4	-4.7	1149	0	73	4.57	0.6	0	0	105.7	100.82	404.76
34	39.2	108	-5.6	-4.7	1173	0	73	4.59	0.6	0	0	108.3	100.82	404.76
35.7	39.2	109	-4.9	-4.7	1178	0	73	4.56	0.6	0	0	111.2	100.82	404.76
37.4	38.7	109	-5.1	-4.7	1170	0	73	4.49	0.6	0	0	114.3	100.82	404.76
39.1	38.2	110	-5.5	-4.7	1154	0	73	4.4	0.6	0	0	117.4	100.807	404.7
40.8	38	111	-5.7	-4.7	1137	0	73	4.28	0.6	0	0	120.7	100.809	404.71
42.5	38	111	-6.2	-4.7	1109	0	72	4.12	0.5	0	0	123.9	100.82	404.76
44.2	38	113	-6.2	-4.7	1071	0	72	3.99	0.5	0	0	127	100.82	404.76
45.9	37.8	113	-6.2	-4.7	1050	0	72	3.88	0.5	0	0	130.6	100.84	404.84
47.6	37.8	114	-6	-4.7	1032	0	72	3.78	0.5	0	0	133.9	100.831	404.8
49.3	38.1	115	-5.4	-4.7	1001	0	72	3.74	0.5	0	0	137.4	100.812	404.72
51	38.4	115	-4.6	-4.7	980	0	72	3.7	0.5	0	0	140.9	100.806	404.7
52.7	38	115	-3.9	-4.7	980	0	72	3.67	0.5	0	0	144.5	100.82	404.76
54.4	38	116	-3.9	-4.7	977	0	72	3.64	0.5	0	0	147.9	100.82	404.76
56.1	38	117	-3.9	-4.7	968	0	72	3.59	0.5	0	0	151.2	100.82	404.76
57.8	37.8	117	-4.1	-4.7	956	0	72	3.56	0.5	0	0	154.9	100.831	404.8
59.5	37.3	118	-4.7	-4.7	949	0	72	3.55	0.5	0	0	158.8	100.838	404.83
61.2	37.3	118	-4	-4.7	958	0	72	3.52	0.5	0	0	162.6	100.82	404.76
62.9	37.3	118	-4.5	-4.7	957	0	72	3.5	0.5	0	0	166.2	100.82	404.76
64.6	37.5	120	-4.7	-4.7	956	0	72	3.47	0.5	0	0	170.2	100.803	404.69
66.3	37.4	121	-4.7	-4.7	958	0	72	3.43	0.5	0	0	174	100.812	404.72
68	37.1	122	-4.5	-4.7	953	0	72	3.46	0.5	0	0	177.8	100.82	404.76
69.7	36.9	122	-4	-4.7	951	0	72	3.43	0.5	0	0	181.7	100.82	404.76
71.4	36.9	122	-3.9	-4.7	956	0	72	3.42	0.5	0	0	185.8	100.82	404.76
73.1	36.9	123	-3.9	-4.7	961	0	72	3.41	0.5	0	0	190	100.82	404.76
74.8	36.7	124	-3.9	-4.7	962	0	72	3.39	0.4	0	0	194.4	100.836	404.82
76.5	36.5	124	-3.9	-4.7	956	0	72	3.37	0.4	0	0	198.7	100.845	404.86
78.2	36.5	124	-3.9	-4.7	939	0	72	3.37	0.4	0	0	202.9	100.838	404.83
79.9	36.5	124	-3.9	-4.7	948	0	72	3.34	0.4	0	0	207.1	100.821	404.76
81.6	36.5	125	-4.4	-4.7	954	0	72	3.31	0.4	0	0	211.7	100.841	404.84
83.3	36.1	126	-4.3	-4.7	957	0	72	3.31	0.4	0	0	216.3	100.827	404.78
85	35.7	126	-3.9	-4.7	957	0	72	3.31	0.4	0	0	220.7	100.82	404.76
86.7	35.6	126	-3.9	-4.7	960	0	72	3.27	0.4	0	0	225.2	100.812	404.72
88.4	35.3	127	-3.9	-4.7	948	0	72	3.23	0.4	0	0	229.6	100.804	404.69
90.1	35.6	127	-3.9	-4.7	949	0	72	3.21	0.4	0	0	233.9	100.819	404.75
91.8	35.4	127	-3.9	-4.7	950	0	72	3.21	0.4	0	0	238.8	100.82	404.76
93.5	35.1	127	-3.9	-4.7	947	0	72	3.21	0.4	0	0	243.3	100.82	404.76
95.2	34.9	128	-3.9	-4.7	935	0	72	3.18	0.4	0	0	247.9	100.83	404.79
96.9	34.8	129	-3.9	-4.7	953	0	72	3.17	0.4	0	0	252.6	100.839	404.83
98.6	34.5	129	-3.9	-4.7	946	0	72	3.16	0.4	0	0	257.4	100.82	404.76
100.3	34.8	131	-3.9	-4.7	940	0	72	3.15	0.4	0	0	261.9	100.82	404.76
102	34.7	131	-3.9	-4.7	937	0	72	3.14	0.4	0	0	266.6	100.807	404.7
103.7	34.5	131	-3.9	-4.7	939	0	72	3.09	0.4	0	0	271.3	100.808	404.71
105.4	34.5	131	-3.9	-4.7	943	0	72	3.05	0.4	0	0	276	100.815	404.74
107.1	34.5	131	-3.9	-4.7	937	0	72	3.06	0.4	0	0	280.8	100.803	404.69
108.8	34.2	131	-3.9	-4.7	931	0	72	3.06	0.4	0	0	285.7	100.82	404.75
110.5	34.4	131	-3.9	-4.7	930	0	72	3.03	0.4	0	0	290.3	100.82	404.76
112.2	34.3	132	-3.9	-4.7	933	0	72	3.04	0.4	0	0	295	100.82	404.76
113.9	34.1	133	-3.9	-4.7	934	0	72	3.01	0.4	0	0	299.7	100.82	404.76
115.6	34.1	133	-3.9	-4.7	931	0	72	3	0.4	0	0	304.4	100.818	404.75
117.3	34.1	133	-4.4	-4.7	924	0	72	2.99	0.4	0	0	308.9	100.803	404.69
119	34.1	133	-4.3	-4.7	917	0	72	2.98	0.4	0	0	313.8	100.815	404.74
120.7	34.1	134	-3.9	-4.7	914	0	72	2.96	0.4	0	0	318.8	100.82	404.76
122.4	34.1	135	-3.9	-4.7	913	0	72	2.96	0.4	0	0	323.5	100.811	404.72
124.1	34.1	135	-4	-4.7	921	0	72	2.95	0.4	0	0	328.2	100.805	404.69
125.8	33.8	136	-4.5	-4.7	907	0	72	2.93	0.4	0	0	332.9	100.82	404.75
127.5	33.7	136	-4.7	-4.7	901	0	72	2.91	0.4	0	0	337.6	100.82	404.76
129.2	33.7	136	-4.7	-4.7	901	0	72	2.91	0.4	0	0	342.3	100.82	404.76
130.9	33.7	136	-4.7	-4.7	901	0	72	2.89	0.4	0	0	347.3	100.82	404.76
132.6	33.7	136	-4.7	-4.7	900	0	72	2.9	0.4	0	0	352	100.82	404.76
134.3	33.7	136	-4.7	-4.7	893	0	72	2.9	0.4	0	0	356.5	100.82	404.76
136	33.7	136	-4.7	-4.7	890	0	72	2.88	0.4	0	0	361	100.82	404.76
137.7	33.7	137	-5.1	-4.7	892	0	72	2.87	0.4	0	0	365.5	100.839	404.83
139.4	33.7	138	-5.2	-4.7	895	0	73	2.85	0.4	0	0	370.3	100.83	404.79
141.1	33.7	138	-4.7	-4.7	891	0	73	2.84	0.4	0	0	375	100.82	404.76
142.8	33.7	139	-4.7	-4.7	899	0	73	2.85	0.4	0	0	379.5	100.82	404.76
144.5	33.7	140	-4.7	-4.7	898	0	73	2.85	0.4	0	0	384	100.817	404.74

146.2	33.7	140	-4.7	-4.7	896	0	73	2.82	0.4	0	0	388.2	100.802	404.68
147.9	33.7	140	-4.7	-4.7	890	0	73	2.79	0.4	0	0	392.8	100.814	404.73
149.6	33.6	140	-4.5	-4.7	882	0	73	2.81	0.4	0	0	397.3	100.82	404.76
151.3	33.3	140	-3.9	-4.7	881	0	73	2.8	0.4	0	0	401.6	100.82	404.76
153	33.3	140	-3.9	-4.7	876	0	73	2.77	0.4	0	0	406	100.82	404.76
154.7	33.3	140	-3.9	-4.7	876	0	73	2.77	0.4	0	0	410.4	100.82	404.76
156.4	33.3	141	-3.9	-4.7	876	0	73	2.77	0.4	0	0	414.3	100.82	404.76
158.1	33.3	142	-4.2	-4.7	876	0	73	2.76	0.4	0	0	416.8	100.82	404.76
159.8	33.3	142	-4.6	-4.7	875	0	73	2.73	0.4	0	0	421.8	100.82	404.76
161.5	33.3	142	-4	-4.7	876	0	73	2.74	0.4	0	0	427.1	100.82	404.76
163.2	33.3	142	-3.9	-4.7	875	0	73	2.74	0.4	0	0	431.3	100.82	404.76
164.9	33.3	142	-4.5	-4.7	878	0	73	2.74	0.4	0	0	435.5	100.82	404.76
166.6	33.3	142	-4.7	-4.7	875	0	73	2.74	0.4	0	0	439.5	100.82	404.76
168.3	33.3	142	-4.4	-4.7	868	0	73	2.68	0.4	0	0	443.6	100.82	404.76
170	33.3	144	-3.9	-4.7	866	0	73	2.7	0.4	0	0	446.7	100.82	404.76
171.7	33.3	144	-3.9	-4.7	870	0	73	2.7	0.4	0	0	449.4	100.82	404.76
173.4	33	144	-3.9	-4.7	867	0	73	2.69	0.4	0	0	453.5	100.82	404.76
175.1	32.9	144	-4.4	-5.1	860	0	73	2.67	0.4	0	0	457.7	100.82	404.76
176.8	32.9	145	-4.3	-5.1	856	0	73	2.65	0.4	0	0	461.8	100.806	404.7
178.5	32.9	145	-3.9	-4.7	855	0	73	2.67	0.4	0	0	465.5	100.821	404.76
180.2	32.9	145	-3.9	-4.7	857	0	73	2.65	0.4	0	0	469.3	100.845	404.86
181.9	32.9	145	-4.4	-5.1	856	0	73	2.64	0.3	0	0	473.2	100.845	404.86
183.6	33.1	145	-4.5	-5.5	854	0	73	2.64	0.3	0	0	477.1	100.828	404.79
185.3	33.3	145	-3.9	-5.5	847	0	73	2.63	0.3	0	0	481	100.801	404.68
187	33.2	145	-4.2	-5.5	846	0	73	2.62	0.3	0	0	485.1	100.808	404.71
188.7	33.1	145	-4.4	-5.5	845	0	73	2.62	0.3	0	0	489.1	100.815	404.74
190.4	33	145	-4.7	-5.5	845	0	73	2.62	0.3	0	0	493.1	100.82	404.76
192.1	33.1	146	-4.7	-5.5	845	0	73	2.62	0.3	0	0	497.1	100.82	404.76
193.8	33.3	147	-4.7	-5.5	845	0	73	2.62	0.3	0	0	501	100.82	404.76
195.5	33.3	149	-4.7	-5.5	842	0	73	2.62	0.3	0	0	504.7	100.82	404.76
197.2	33.1	149	-4.7	-5.5	842	0	73	2.61	0.3	0	0	508.2	100.82	404.76
198.9	33.1	149	-4.5	-5.5	841	0	73	2.56	0.3	0	0	511.7	100.82	404.76
200.6	34.3	149	-3.9	-5.5	819	0	73	2.59	0.3	0	0	515.3	100.82	404.76
202.3	40.9	149	-2.7	-4.9	1166	0	73	2.64	0.3	0	0	519.1	100.82	404.76
204	34.9	149	-0.8	-4.7	1352	0	73	3.36	0.4	0	0	523.5	100.82	404.76
205.7	54.3	149	0	-4.7	2378	0	73	5.12	0.7	0	0	530.7	100.82	404.76
207.4	82.1	150	1.8	-1.5	3748	0	73	6.05	0.8	0	0	538.1	100.82	404.76
209.1	97	151	1.6	2.7	3777	0	73	3.2	0.4	0	0	543.3	100.82	404.76
210.8	92.5	151	-5.3	0.9	4349	0	73	2.8	0.4	0	0	545.8	100.82	404.76
212.5	36.8	152	-1.4	-3.1	2262	0	74	2.73	0.4	0	0	545.8	100.82	404.76
214.2	47.1	153	0	-4.7	1639	0	75	2.99	0.4	0	0	547.2	100.84	404.84
215.9	42.3	153	2	-2.7	2013	0	75	4.82	0.6	0	0	548.1	100.845	404.86
217.6	20.1	154	3.3	-0.8	1636	0	75	40.92	5.4	0	0	561.7	100.832	404.8
219.3	12.1	154	0	-5.5	3437	0	75	11.98	1.6	0	0	576.9	100.82	404.76
221	26.6	154	0	-5.5	1443	0	75	2.69	0.4	0	0	588.1	100.82	404.76
222.7	30.7	154	-2.5	-5.5	893	0	75	2.37	0.3	0	0	595.7	100.82	404.76
224.4	32	155	-4.5	-5.5	847	0	75	2.32	0.3	0	0	601.3	100.82	404.76
226.1	31.9	156	-5.5	-5.5	784	0	75	2.29	0.3	0	0	605.4	100.82	404.76
227.8	32.2	156	-5.5	-5.5	767	0	77	2.3	0.3	0	0	608.7	100.828	404.79
229.5	32.6	156	-5.5	-5.5	756	0	77	2.31	0.3	0	0	611.5	100.841	404.84
231.2	32.9	156	-4.9	-5.5	765	0	77	2.31	0.3	0	0	614.2	100.821	404.76
232.9	32.9	157	-4.3	-5.5	757	0	77	2.37	0.3	0	0	616.7	100.82	404.76
234.6	36	158	-3.5	-5.7	715	0	77	2.5	0.3	0	0	619.2	100.82	404.76
236.3	41.1	158	-2.3	-6.2	613	0	77	2.33	0.3	0	0	621.6	100.82	404.76
238	40.5	158	-1.7	-6.2	597	0	77	2.3	0.3	0	0	624	100.82	404.76
239.7	40.4	158	-1.6	-6.2	586	0	77	2.3	0.3	0	0	626.4	100.819	404.75
241.4	42.8	158	-0.5	-6.2	567	0	77	2.38	0.3	0	0	628.8	100.803	404.68
243.1	44.9	158	0.7	-6.2	591	0	77	2.61	0.3	0	0	631	100.813	404.73
244.8	45.9	158	1.4	-6.2	641	0	77	2.65	0.4	0	0	633.6	100.82	404.76
246.5	45.7	158	0.8	-6.2	608	0	77	2.49	0.3	0	0	636	100.82	404.76
248.2	44	158	-0.4	-6.2	576	0	77	2.72	0.4	0	0	638.4	100.82	404.76
249.9	49.8	158	1.6	-6.2	605	0	77	2.87	0.4	0	0	641.2	100.802	404.68
251.6	66.8	158	4	-6.2	728	0	77	2.37	0.3	0	0	643.9	100.815	404.74
253.3	59.6	158	2.9	-6.2	778	0	77	2.68	0.4	0	0	646.6	100.82	404.76
255	43	158	0.2	-6.2	581	0	77	2.56	0.3	0	0	649.1	100.82	404.76
256.7	41.2	160	1.4	-6.2	560	0	77	8.88	1.2	0	0	652.5	100.82	404.76
258.4	42.9	160	1.6	-6.2	646	0	77	9.33	1.2	0	0	658.5	100.82	404.76
260.1	43.2	160	2.4	-6.2	681	0	77	2.47	0.3	0	0	664.3	100.82	404.76
261.8	41.8	160	4	-6.2	569	0	77	2.52	0.3	0	0	668.8	100.82	404.76
263.5	38.8	160	4.6	-6.2	618	2	77	2.31	0.3	0	0	672.2	100.82	404.76
265.2	38.9	160	3.9	-6.2	606	2	77	7.52	1	0	0	675.5	100.817	404.74
266.9	44.4	160	-1.4	-6.2	665	1	77	11.2	1.5	0	0	680.3	100.801	404.68
268.6	42.5	161	-3.1	-2.3	1012	2	77	11.76	1.6	0	0	690	100.813	404.73
270.3	40.5	162	-4.6	1.1	1440	6	77	17.71	2.3	0	0	707.7	100.82	404.76
272	44	162	-9.2	-3.5	1275	9	77	17.67	2.3	0	0	731.6	100.82	404.76
273.7	80.3	163	-2	2.9	1759	13	77	22.49	3	0	0	764.6	100.82	404.76
275.4	95.4	163	0.3	6.2	2902	17	76	23.07	3.1	0	0	818.4	100.803	404.69
277.1	91.4	165	1.2	6.2	3457	21	75	6.62	0.9	0	0	898.7	100.814	404.73
278.8	58.2	168	1.5	2.6	2308	22	73	29.91	4	0	0	968	100.81	404.71
280.5	22.1	169	-1	-6.2	1138	26	73	9.29	1.2	0	0	1024.5	100.8	404.67
282.2	27	169	-7.2	-6.2	822	24	73	1.95	0.3	0	0	1066.6	100.8	404.68
283.9	28.5	169	-7.2	-5.4	893	20	73	5.35	0.7	0.021	0	1088	100.816	404.74
285.6	57.8	170	-2.9	-1.5	1285	16	73	13.31	1.8	0.076	0	1097.8	100.808	404.71
287.3	94.1	171	3.2	6.3	1917	16	73	24.81	3.3	0.212	0	1113.9	100.8	404.67
289	96	172	-1.9	7	2384	19	72	31.04	4.1	0.37	0	1141.2	100.8	404.67
290.7	100	172	-5.4	7	2699	23	72	31.54	4.2	0.515	0	1181.5	100.793	404.65
292.4	99.7	175	-4.3	6.5	2986	27	71	35.57	4.7	0.612	2.1	1228.1	100.758	404.51
294.1	98.9	176	-1.9	5.5	3361	31	70	33.63	4.4	0.698	10.8	1281.2	100.741	404.44
295.8	71.6	177	0	2.5	3404	34	70	6.63	0.9	0.879	2	1331.6	100.735	404.41

297.5	19.7	180	0	-6	1618	35	70	2.94	0.4	0.909	0	1372.5	100.735	404.41
299.2	26.7	181	-1.4	-6.2	822	26	70	2.01	0.3	0.715	0	1399.7	100.739	404.43
300.9	30.3	181	-9.1	-6.2	753	19	70	8.23	1.1	0.518	1.7	1412.7	100.753	404.49
302.6	74.8	181	-4	1	1400	17	70	19.84	2.6	0.549	7.9	1413.7	100.702	404.28
304.3	92.9	182	-1.6	6.2	2102	17	70	25.3	3.3	0.563	10.2	1410	100.69	404.23
306	77.7	184	-3.3	4.9	2445	21	70	34.27	4.5	0.5	17.2	1408.6	100.681	404.2
307.7	21.3	185	-0.4	-4.3	1885	25	69	14.84	2	0.675	10.8	1406.7	100.668	404.15
309.4	21.2	186	3.6	-6.2	1264	24	69	2.13	0.3	0.585	0	1401.3	100.687	404.22
311.1	26.1	187	-3.7	-6.2	797	19	70	1.98	0.3	0.095	0	1394.7	100.69	404.23
312.8	34.8	187	-9.4	-3.9	802	12	70	2.16	0.3	0.095	0	1388	100.69	404.23
314.5	54.4	187	-5.5	1.6	1395	7	70	19.48	2.6	0.113	9.5	1381.1	100.69	404.23
316.2	64.8	187	-5.5	5.4	2313	10	70	16.39	2.2	0.243	12.7	1373	100.69	404.23
317.9	25.7	187	-5.5	-3.8	1200	13	70	7.7	1	0.424	7.4	1364	100.69	404.23
319.6	30	188	-6.9	-6.2	724	11	70	2.69	0.4	0.573	2.7	1355.6	100.69	404.23
321.3	59.9	189	-4.4	-2.3	1029	7	70	5.15	0.7	0.65	13.3	1348.5	100.769	404.55
323	76.8	189	0	3.4	1836	8	70	13.7	1.8	0.769	14.7	1339.6	100.733	404.41
324.7	58	189	-0.6	0.8	1601	12	70	3.62	0.5	0.749	5.5	1329.8	100.69	404.23
326.4	45.6	190	-2.1	-4.5	1159	14	70	10.98	1.5	0.309	8.7	1319.9	100.69	404.23
328.1	85.4	190	0.8	2.4	1605	17	70	14.44	1.9	0.272	18.7	1311.5	100.69	404.23
329.8	87.1	190	0.2	4.3	1701	21	69	14.15	1.9	0.512	22	1306.9	100.758	404.5
331.5	72.2	190	1.7	4.4	1649	25	68	12.85	1.7	0.659	33	1300.5	100.63	403.99
333.2	74.6	190	3.9	5.3	1986	27	68	23.87	3.2	0.261	45.3	1296	100.655	404.09
334.9	96.7	189	-0.8	4.9	3428	32	68	44.28	5.9	0.704	20.2	1310.3	100.735	404.41
336.6	88.1	187	-3.8	6.2	4123	38	68	36.56	4.8	0.86	0	1345.8	100.739	404.43
338.3	29.7	185	-0.9	-2.7	2766	42	68	16.97	2.2	0.508	0	1395.1	100.753	404.49
340	17.4	185	0	-6.2	1725	43	68	1.94	0.3	0.031	0	1437.6	100.755	404.49
341.7	19	185	0	-6.2	1270	40	68	1.93	0.3	0.015	0	1470.7	100.767	404.54
343.4	23.5	185	0	-6.2	1076	35	68	1.99	0.3	0.015	0	1488.3	100.794	404.65
345.1	29.2	187	-0.1	-6.2	671	24	68	1.95	0.3	0.015	0	1496.2	100.815	404.73
346.8	30.2	187	-4.1	-3.7	1031	12	68	8.66	1.1	0.039	4.5	1496	100.805	404.7
348.5	62.7	187	-0.6	2.2	1544	11	68	16.32	2.2	0.107	17.8	1486.8	100.892	405.04
350.2	65.2	188	4.2	3.1	1723	14	68	16.63	2.2	0.207	25.9	1471	100.871	404.96
351.9	48.9	189	7.4	-1.4	1419	17	68	9.71	1.3	0.343	27.8	1453	100.869	404.95
353.6	25.5	189	5.6	-5.6	956	16	68	4.25	0.6	0.37	19.9	1436.3	100.876	404.98
355.3	28.3	189	3	-6.2	766	12	68	1.94	0.3	0.37	12.2	1423.1	100.742	404.44
357	31	190	1.8	-6.2	650	7	68	1.92	0.3	0.37	12.6	1413	100.816	404.74
358.7	48.3	190	0.6	-2.8	1035	5	68	3.95	0.5	0.367	14.8	1403.2	100.871	404.96
360.4	54.1	190	1.2	0.5	1553	7	68	10.85	1.4	0.35	20.9	1390.2	100.84	404.83
362.1	53.8	189	3.2	1.6	1673	10	68	11.72	1.6	0.35	34	1375.4	100.8	404.67
363.8	61.6	189	3.8	1.6	1751	13	68	12.7	1.7	0.399	44.1	1359.6	100.8	404.67
365.5	89	187	2.4	4.4	2104	17	69	19.47	2.6	0.515	51	1346.2	100.8	404.67
367.2	50.3	187	0.7	0.3	2198	20	70	28.23	3.7	0.706	60.1	1344	100.683	404.2
368.9	23.1	186	4.5	-6.2	1636	24	70	2.65	0.4	0.774	10.5	1342.2	100.739	404.43
370.6	22.6	186	5.7	-6.2	1083	23	70	2.01	0.3	0.184	0	1339.2	100.808	404.71
372.3	24.7	187	-10.1	-6.2	862	19	70	1.97	0.3	0.055	0	1335.1	100.816	404.74
374	29.9	187	-8.4	-6.2	694	13	70	1.94	0.3	0.064	0	1330.3	100.801	404.68
375.7	38.1	187	-5.4	-5.1	712	6	70	4.74	0.6	0.075	1.4	1325.2	100.8	404.67
377.4	39.7	187	-2.6	-4.1	775	2	70	13.24	1.8	0.075	10.7	1318.5	100.842	404.84
379.1	38.8	187	-2.2	-4.7	655	2	70	5.91	0.8	0.091	13.9	1310.2	100.762	404.52
380.8	54.7	187	-1.8	-3.5	1001	0	70	9.03	1.2	0.095	16.9	1300.4	100.726	404.38
382.5	85.8	187	8.3	4.7	1642	0	70	11.65	1.5	0.106	17.7	1289.8	100.839	404.83
384.2	76.2	188	0.2	3.4	1631	0	70	12.72	1.7	0.13	19.8	1279.9	100.805	404.69
385.9	70	189	0.5	2.3	1561	0	70	10.89	1.4	0.163	30.1	1270.4	100.8	404.67
387.6	55	189	3	0.3	1431	0	70	3	0.4	0.205	16.2	1261.3	100.8	404.67
389.3	36.6	189	-1.6	-5.9	737	0	71	2.54	0.3	0.21	12.5	1253.3	100.839	404.83
391	45.4	189	-1.9	-3.2	1017	0	72	10.65	1.4	0.223	16	1246.5	100.839	404.83
392.7	65.7	189	-4.5	-4.5	1058	0	73	8.59	1.1	0.24	18.1	1240.7	100.735	404.41
394.4	47.7	189	-1	-0.8	1230	0	73	9.47	1.3	0.233	14	1235.5	100.735	404.41
396.1	64	189	-0.2	3	1508	0	74	17.34	2.3	0.223	15.7	1232.6	100.735	404.41
397.8	70.9	188	-2.9	3.5	1725	0	75	20.65	2.7	0.416	28.1	1230.9	100.775	404.58
399.5	39.1	187	-7.5	-6.2	881	0	77	7.3	1	0.565	20.4	1232.6	100.814	404.73
401.2	36.4	187	-3.4	-6.2	591	0	77	1.9	0.3	0.542	12.4	1234.6	100.809	404.71
402.9	35.4	188	-1.9	-6.2	515	0	77	1.84	0.2	0.439	12.9	1232.5	100.864	404.93
404.6	36.8	189	-0.7	-6.2	538	0	77	4.82	0.6	0.422	12.9	1229.3	100.88	405
406.3	49.7	189	-0.2	-6.2	677	0	77	12.62	1.7	0.41	25.4	1224.8	100.755	404.49
408	66.6	189	-0.1	-6.1	1012	0	77	7.42	1	0.38	31.7	1218.5	100.63	403.99
409.7	66.3	189	8.4	0.6	1465	0	78	7.81	1	0.329	38.8	1211.2	100.641	404.04
411.4	60.3	190	7.3	0.2	1485	0	79	6.31	0.8	0.277	48.5	1204.6	100.601	403.88
413.1	40.2	190	2.2	-4	1068	1	79	1.57	0.2	0.243	55.8	1200.7	100.639	404.03
414.8	33.5	190	2.1	-6.2	765	1	79	1.92	0.3	0.208	20.3	1191.9	100.809	404.71
416.5	31.7	190	3.4	-5.6	1000	0	79	2.02	0.3	0.166	27.5	1185	100.794	404.65
418.2	28.6	190	-1.4	-2.6	2350	0	79	6.57	0.9	0.143	43.2	1179.2	100.614	403.93
419.9	28	189	2.9	2.9	3557	0	79	10.66	1.4	0.151	57.9	1173.5	100.683	404.21
421.6	26.5	187	2.9	4.8	4441	0	79	13.31	1.8	0.178	71.7	1171.7	100.671	404.16
423.3	18.2	184	0.6	1.6	4632	0	81	14.15	1.9	0.194	75.6	1172.1	100.747	404.46
425	11	184	0	-6.2	3184	0	81	5.18	0.7	0.079	27.5	1171.6	100.809	404.71
426.7	20.5	185	-0.1	-6.2	1061	0	81	2.2	0.3	0.035	0	1170	100.82	404.76
428.4	32.6	185	-1.4	-6.2	704	0	81	1.81	0.2	0.035	4	1167.5	100.826	404.78
430.1	29.3	186	-4	-6.2	678	0	81	1.77	0.2	0.04	15.6	1164.5	100.892	405.04
431.8	29.3	187	-4	-6.2	680	0	81	1.76	0.2	0.055	14.6	1160.8	100.844	404.85
433.5	32.5	187	-1	-6.2	608	0	81	1.88	0.2	0.055	14.8	1157.2	100.8	404.67
435.2	36.3	187	1.6	-6.2	562	0	81	1.86	0.2	0.068	15.5	1153.6	100.8	404.67
436.9	35.3	187	3.1	-6.2	554	0	81	1.83	0.2	0.084	16.1	1149.9	100.793	404.64
438.6	35.6	187	3.1	-6.2	556	0	81	1.83	0.2	0.095	16.1	1146.3	100.756	404.5
440.3	35.7	188	3.6	-6.2	562	0	81	1.85	0.2	0.095	16.5	1142.8	100.77	404.55
442	35.9	189	3.9	-6.2	565	0	82	1.89	0.3	0.098	16.5	1140.5	100.715	404.33
443.7	36.1	189	3.6	-6.2	560	0	82	1.89	0.3	0.542	17	1137.3	100.674	404.17
445.4	36.1	189	1.7	-6.2	563	0	82	1.9	0.3	0.77	17.4	1131.7	100.745	404.45
447.1	36.1	189	1.6	-6.2	563	0	82	1.91	0.3	0.855	17.6	1125.2	100.925	405.18

448.8	35.4	189	1.6	-6.2	574	0	82	1.92	0.3	0.855	17.6	1122.1	100.871	404.96
450.5	37.5	190	1.6	-6.2	586	0	82	1.96	0.3	0.855	17.6	1116.1	100.896	405.06
452.2	39.1	190	1.8	-6.2	594	0	82	2.12	0.3	0.855	19.2	1109.4	100.846	404.86
453.9	39.5	190	2.3	-6.2	600	0	82	2.1	0.3	0.855	19.6	1101.3	100.797	404.66
455.6	39	190	1.2	-6.2	588	2	82	2.06	0.3	0.855	19.6	1092.7	100.864	404.93
457.3	38.8	190	1.2	-6.2	563	2	82	2.05	0.3	0.855	19.7	1086.1	100.808	404.71
459	39.5	190	2.3	-6.2	545	2	82	2.09	0.3	0.855	20	1079.8	100.879	404.99
460.7	39.5	190	2.6	-6.2	558	2	82	2.12	0.3	0.855	20.3	1073.6	100.851	404.88
462.4	38.3	190	1.4	-6.2	599	0	82	2.05	0.3	0.855	19.9	1067.6	100.786	404.62
464.1	36.5	190	0.9	-6.2	749	0	82	1.95	0.3	0.855	19.5	1061.8	100.763	404.53
465.8	31.7	190	0.3	-2.6	1124	0	82	1.74	0.2	0.831	15.4	1055.9	100.885	405.02
467.5	27.1	190	0.3	0.3	1393	0	82	1.68	0.2	0.783	0.5	1051.6	100.851	404.88
469.2	21	190	0.6	-0.1	1381	0	82	3.13	0.4	0.825	0	1047.5	100.82	404.76
470.9	19	190	-0.2	-6.2	1655	0	82	2.89	0.4	0.314	0	1042.8	100.82	404.76
472.6	37.7	189	-1.5	-6.2	1892	0	82	2.5	0.3	0.025	35.1	1041.2	100.817	404.74
474.3	17.4	189	-0.3	-5.1	2367	0	82	2.86	0.4	0.282	84.3	1047	100.801	404.68
476	22.4	188	-1.3	-4.7	2526	0	82	3.24	0.4	0.773	0	1053.6	100.814	404.73
477.7	27.6	187	-2.1	-4.7	2260	0	82	2.36	0.3	0.742	0	1055.5	100.82	404.76
479.4	28.1	189	-1.6	-4.7	1384	0	82	3.74	0.5	0.726	0	1054.5	100.814	404.73
481.1	24.1	189	-4.2	-4.7	1454	0	82	4.08	0.5	0.72	0	1051.5	100.803	404.69
482.8	26.4	189	-2.2	-4.7	1675	0	82	4.15	0.5	0.72	0	1047.6	100.82	404.76
484.5	25.5	189	-1.1	-4.7	1831	0	83	4.46	0.6	0.72	0	1042.7	100.82	404.76
486.2	24.9	189	-0.4	-4.7	1925	0	84	4.64	0.6	0.72	0	1037.8	100.808	404.71
487.9	25.9	189	0.3	-4.5	2044	0	84	4.67	0.6	0.72	0	1033	100.807	404.7
489.6	28.9	190	1.5	-3.3	2432	0	84	5.45	0.7	0.72	15.9	1030.1	100.791	404.64
491.3	25	190	0.5	-4.1	3202	0	85	5.4	0.7	0.749	23.1	1030.4	100.614	403.93
493	18.2	190	0	-5.4	2923	0	86	4.37	0.6	0.8	0	1032.6	100.757	404.5
494.7	21.3	190	-0.6	-6.2	1442	0	86	2.77	0.4	0.8	0	1032	100.812	404.72
496.4	31.5	190	-2	-6.2	707	0	86	2.08	0.3	0.784	8.8	1030.6	100.8	404.68
498.1	37.1	191	-3.1	-6.2	574	0	86	2.05	0.3	0.767	14.1	1028.6	100.781	404.6
499.8	36.5	192	-2.5	-6.2	560	0	86	2.06	0.3	0.75	15.2	1026.3	100.801	404.68
501.5	37	192	-0.9	-6.2	574	0	86	2.06	0.3	0.734	16.1	1023.7	100.837	404.82
503.2	37.3	192	0.3	-6.2	590	0	86	2.06	0.3	0.719	17.6	1021	100.814	404.73
504.9	37.3	192	1	-6.2	588	0	86	2.04	0.3	0.703	19.1	1018.6	100.787	404.62
506.6	37.2	192	1.7	-6.2	589	0	86	2.03	0.3	0.7	19.6	1016.1	100.728	404.38
508.3	36.8	192	2.3	-6.2	589	0	86	2.03	0.3	0.689	19.6	1013.6	100.696	404.26
510	36.5	192	2.3	-6.2	588	0	86	2.03	0.3	0.68	19.6	1011.3	100.889	405.03
511.7	36.5	192	2	-6.2	587	0	86	2.03	0.3	0.677	19.6	1008.9	100.88	405
513.4	36.6	192	1.6	-6.2	593	0	86	2.01	0.3	0.661	19.6	1006.3	100.756	404.5
515.1	37.9	192	1.6	-6.2	624	0	86	3.14	0.4	0.66	25.9	1003	100.63	403.99
516.8	46	192	3.2	-6.2	634	0	86	3.38	0.4	0.66	30.6	998.9	100.645	404.05
518.5	48.6	192	3.5	-6.2	640	0	86	3.1	0.4	0.658	29.8	994	100.645	404.05
520.2	48.6	192	3.1	-6.2	647	0	86	3.1	0.4	0.641	30.5	988.2	100.632	404
521.9	47.8	192	2.9	-6.2	656	0	86	3.14	0.4	0.64	30.6	982.5	100.625	403.97
523.6	47.1	192	2.3	-6.2	669	0	86	3.11	0.4	0.64	30.4	976.8	100.63	403.99
525.3	47.4	194	1.7	-6.2	658	0	86	3.09	0.4	0.64	30.2	971	100.644	404.05
527	48.2	193	1.6	-6.2	650	0	86	3.08	0.4	0.64	30.2	965.4	100.63	403.99
528.7	48.2	192	1.6	-5.9	657	0	86	3.18	0.4	0.64	30.5	960	100.636	404.02
530.4	52.6	192	0.8	-4.7	705	0	88	7.29	1	0.496	74.6	955.4	100.696	404.26
532.1	68.2	192	-10.1	-6.1	1175	5	88	5.44	0.7	0.572	59.5	956.3	100.787	404.62
533.8	43.1	191	-2	-6.2	783	5	88	3.27	0.4	0.615	14.1	962.6	100.811	404.72
535.5	45.8	189	0.2	-6.2	633	3	88	3.27	0.4	0.492	17.4	964.4	100.71	404.32
537.2	47.3	188	0.8	-6.2	669	1	88	3.24	0.4	0.444	19	963.8	100.83	404.8
538.9	47.1	187	0.8	-6.2	670	0	88	3.21	0.4	0.416	20.8	962.2	100.887	405.02
540.6	45.9	187	0.8	-6.2	662	0	88	3.08	0.4	0.41	24.1	960	100.813	404.73
542.3	47.7	188	1.3	-6.2	650	0	88	3.01	0.4	0.41	27.7	957.5	100.921	405.16
544	48	189	2	-6.2	638	0	88	3.03	0.4	0.418	29.8	955	100.93	405.2
545.7	47.6	189	2	-6.2	635	0	88	3.03	0.4	0.483	29.8	952.2	100.93	405.2
547.4	47.5	189	1.3	-6.2	645	0	88	3.01	0.4	0.584	29.8	948.9	100.93	405.2
549.1	47.1	188	0.7	-6.2	657	0	89	9.35	1.2	0.661	32.9	945.9	100.93	405.2
550.8	44.5	187	-3.4	-6.2	650	2	90	8.11	1.1	0.715	35.4	943.8	100.93	405.2
552.5	44.6	187	-2.8	-6.2	644	3	90	3.01	0.4	0.736	29.7	941.2	100.916	405.14
554.2	46.1	187	-0.2	-6.2	638	3	90	3	0.4	0.722	28.8	938.9	100.91	405.12
555.9	48.1	187	1.5	-6.2	625	2	91	3	0.4	0.657	29.3	936.1	100.91	405.12
557.6	47.3	189	1.6	-6.2	645	1	91	2.78	0.4	0.582	29.7	932.9	100.91	405.12
559.3	39.3	189	-1.8	-6.2	692	0	91	2.56	0.3	0.522	29.3	929.4	100.91	405.12
561	38	189	-3.1	-6.2	721	0	91	2.61	0.3	0.513	28.1	926.4	100.918	405.15
562.7	38.5	189	-3.1	-6.2	721	0	91	2.63	0.3	0.498	27.1	923.4	100.927	405.18
564.4	38.6	189	-2.9	-6.2	721	0	91	2.6	0.3	0.468	27.1	920	100.92	405.16
566.1	38.1	189	-2.3	-6.2	718	0	91	2.61	0.3	0.493	27.3	916.7	100.917	405.14
567.8	38.4	189	-2.3	-6.2	717	0	91	2.62	0.3	0.545	27.5	913.6	100.926	405.18
569.5	38.1	189	-2.3	-6.2	722	0	91	2.61	0.3	0.598	27.4	910.2	100.91	405.12
571.2	38	189	-2.3	-6.2	724	0	91	2.6	0.3	0.626	27.1	906.1	100.92	405.16
572.9	38	189	-2.3	-6.2	723	0	91	2.6	0.3	0.634	27.1	903.7	100.929	405.19
574.6	38.4	189	-2.3	-6.2	728	0	92	2.38	0.3	0.644	26.7	901.7	100.911	405.12
576.3	32	189	-0.7	-6.2	735	0	93	1.81	0.2	0.66	23.9	897.9	100.832	404.8
578	28.1	189	0.1	-6.2	733	0	93	1.79	0.2	0.643	19.9	895.5	100.8	404.67
579.7	28.7	189	-1.6	-6.2	712	0	93	1.78	0.2	0.631	18	893.7	100.816	404.74
581.4	29	189	-3.4	-6.2	703	0	93	1.78	0.2	0.647	17.9	891.9	100.878	404.99
583.1	29.7	189	-2	-6.2	490	0	93	1.55	0.2	0.687	16.7	890.1	100.839	404.83
584.8								0.79	0.1	0.716	3.4	889.2	100.82	404.76