

Wednesda 29 July 2009 19:44:01
 06A 906 018 C 1.8l R4/5V MOTR HS V03

Group A: '004					Group B: '006	
T.B. Angle Mass Flow Mass Flow					RPM	
Marker	TIME STAMP	°	g/s	g/s	TIME STAMP	/min
	0.00	39.5	0.40	0.00	0.27	2290
	0.78	46.0	0.40	0.00	1.03	2550
	1.53	47.3	0.40	0.00	1.78	2550
	2.28	48.2	0.40	0.00	2.53	2550
	3.03	8.7	0.40	0.00	3.30	2550
	3.83	54.7	0.40	0.00	4.10	2160
	4.63	57.3	0.40	0.00	4.89	2210
	5.41	57.7	0.40	0.00	5.67	2390
	6.17	57.7	0.40	0.00	6.42	2550
	6.92	42.5	0.40	0.00	7.17	2550
	7.67	43.0	0.40	0.00	7.92	2550
	8.42	40.8	0.40	0.00	8.67	2550
	9.18	6.9	0.40	0.00	9.44	2550
	9.95	15.2	0.40	0.00	10.20	2240
	10.71	20.8	0.40	0.00	10.97	2270
	11.50	10.0	0.40	0.00	11.75	2290
	12.25	4.8	0.40	0.00	12.51	1920
	13.01	3.9	0.40	0.00	13.27	1460
	13.78	70.7	0.40	0.00	14.03	2550
	14.53	80.7	0.40	0.00	14.78	2550
	15.28	81.2	0.40	0.00	15.53	2550
	16.06	57.3	0.40	0.00	16.32	2550
	16.84	84.6	0.40	0.00	17.09	2550
	17.59	84.6	0.40	0.00	17.84	2550
	18.34	84.6	0.40	0.00	18.59	2550
	19.09	84.6	0.40	0.00	19.34	2550
	19.84	84.6	0.40	0.00	20.09	2550
	20.59	84.6	0.40	0.00	20.84	2550
	21.34	84.6	0.40	0.00	21.59	2550
	22.09	84.6	0.40	0.00	22.34	2550
	22.84	84.6	0.40	0.00	23.09	2550
	23.60	84.6	0.40	0.00	23.86	2550
	24.39	78.6	0.40	0.00	24.66	2550
	25.17	79.0	0.40	0.00	25.42	2550
	25.92	76.8	0.40	0.00	26.19	2550
	26.70	74.2	0.40	0.00	26.95	2550
	27.45	82.5	0.40	0.00	27.70	2550
	28.20	84.2	0.40	0.00	28.45	2550
	28.95	84.6	0.40	0.00	29.20	2550
	29.72	84.6	0.40	0.00	29.98	2550
	30.48	84.2	0.40	0.00	30.74	2550
	31.28	13.9	0.40	0.00	31.54	2550
	32.06	13.0	0.40	0.00	32.31	2550
	32.81	11.7	0.40	0.00	33.06	2550
	33.56	10.0	0.40	0.00	33.81	2550
	34.31	13.9	0.40	0.00	34.56	2550
	35.06	27.3	0.40	0.00	35.31	2550
	35.81	17.8	0.40	0.00	36.06	2550
	36.56	6.9	0.40	0.00	36.81	2550

	37.31	6.5	0.40	0.00	Overrun	37.56	2550
1	38.06	6.1	0.40	0.00	Overrun	38.31	2460
	38.81	5.6	0.40	0.00	Overrun	39.06	2400
	39.56	5.6	0.40	0.00	Overrun	39.81	2340
	40.31	5.2	0.40	0.00	Overrun	40.56	2250
	41.06	4.8	0.40	0.00	Overrun	41.31	2170
	41.81	4.3	0.40	0.00	Overrun	42.06	2100
	42.56	4.3	0.40	0.00	Overrun	42.81	1990
	43.31	3.9	0.40	0.00	Overrun	43.56	1950
	44.06	3.9	0.40	0.00	Overrun	44.31	1900
	44.81	3.9	0.40	0.00	Idle	45.06	1540
	45.58	3.0	0.40	0.00	Idle	45.84	1160
	46.34	3.0	0.40	0.00	Idle	46.59	920
	47.11	3.0	0.40	0.00	Idle	47.37	810
	47.88	2.6	0.40	0.00	Idle	48.14	800
	48.67	2.6	0.40	0.00	Idle	48.93	800
	49.45	3.0	0.40	0.00	Idle	49.71	790
	50.23	2.6	0.40	0.00	Idle	50.49	790
	51.01	3.0	0.40	0.00	Idle	51.27	800
	51.80	3.0	0.40	0.00	Idle	52.06	800
	52.56	45.1	0.40	0.00	Part Throttle	52.83	1410
	53.34	46.0	0.40	0.00	Part Throttle	53.59	1270
	54.09	46.4	0.40	0.00	Part Throttle	54.34	1490
	54.84	46.4	0.40	0.00	Part Throttle	55.09	1640
	55.59	46.4	0.40	0.00	Part Throttle	55.84	1770
	56.34	42.5	0.40	0.00	Part Throttle	56.61	1930
	57.12	6.5	0.40	0.00	Idle	57.37	2070
	57.87	3.9	0.40	0.00	Idle	58.12	1630
	58.63	3.0	0.40	0.00	Idle	58.89	1260
	59.40	2.6	0.40	0.00	Idle	59.66	970
	60.17	2.6	0.40	0.00	Idle	60.44	810
	60.95	6.1	0.40	0.00	Part Throttle	61.20	920
	61.70	24.3	0.40	0.00	Part Throttle	61.95	1810
	62.48	4.3	0.40	0.00	Idle	62.73	1480
	63.25	11.3	0.40	0.00	Part Throttle	63.51	1540
	64.03	11.7	0.40	0.00	Part Throttle	64.30	1940
	64.81	3.9	0.40	0.00	Idle	65.08	1690
	65.59	3.5	0.40	0.00	Idle	65.84	1310
	66.34	30.8	0.40	0.00	Part Throttle	66.59	2330
	67.09	20.4	0.40	0.00	Part Throttle	67.34	2420
	67.84	22.1	0.40	0.00	Part Throttle	68.09	2550
	68.59	26.5	0.40	0.00	Part Throttle	68.84	2550
	69.34	63.4	0.40	0.00	Part Throttle	69.59	2550
	70.09	10.0	0.40	0.00	Idle	70.34	2550
	70.84	59.5	0.40	0.00	Part Throttle	71.09	2520
	71.59	63.4	0.40	0.00	Part Throttle	71.84	2550
2	72.34	63.4	0.40	0.00	Part Throttle	72.59	2550
	73.09	64.2	0.40	0.00	Part Throttle	73.34	2550
	73.86	65.1	0.40	0.00	Part Throttle	74.12	2550
	74.62	66.4	0.40	0.00	Part Throttle	74.87	2550
	75.37	11.3	0.40	0.00	Idle	75.62	2550
	76.12	66.8	0.40	0.00	Part Throttle	76.37	2550
	76.90	74.6	0.40	0.00	Full Throt	77.16	2550
	77.69	76.8	0.40	0.00	Full Throt	77.93	2550
	78.45	79.9	0.40	0.00	Full Throt	78.70	2550
	79.20	80.7	0.40	0.00	Full Throt	79.47	2550

	79.98	80.7	0.40	0.00	Full Throt	80.23	2550
	80.75	80.7	0.40	0.00	Full Throt	81.01	2550
	81.51	79.9	0.40	0.00	Full Throt	81.77	2550
	82.29	79.4	0.40	0.00	Full Throt	82.55	2550
	83.08	78.6	0.40	0.00	Full Throt	83.35	2550
	83.86	76.4	0.40	0.00	Full Throt	84.12	2550
	84.63	77.7	0.40	0.00	Full Throt	84.89	2550
	85.40	78.1	0.40	0.00	Full Throt	85.66	2550
	86.18	79.9	0.40	0.00	Full Throt	86.44	2550
	86.96	80.3	0.40	0.00	Full Throt	87.22	2550
	87.76	69.0	0.40	0.00	Full Throt	88.03	2550
	88.56	69.4	0.40	0.00	Full Throt	88.81	2550
	89.33	69.4	0.40	0.00	Full Throt	89.60	2550
	90.13	70.3	0.40	0.00	Full Throt	90.37	2550
	90.90	70.7	0.40	0.00	Full Throt	91.15	2550
	91.66	70.7	0.40	0.00	Full Throt	91.90	2550
	92.41	70.3	0.40	0.00	Full Throt	92.68	2550
	93.19	13.9	0.40	0.00	Idle	93.45	2550
	93.97	12.6	0.40	0.00	Overrun	94.23	2550
3	94.74	46.4	0.40	0.00	Part Throttle	95.01	2550
	95.52	41.2	0.40	0.00	Part Throttle	95.78	2550
	96.29	47.3	0.40	0.00	Part Throttle	96.56	2550
	97.08	10.9	0.40	0.00	Idle	97.34	2550
	97.86	10.4	0.40	0.00	Overrun	98.13	2550
	98.62	10.0	0.40	0.00	Overrun	98.87	2550
	99.38	9.5	0.40	0.00	Overrun	99.62	2550
	100.13	8.7	0.40	0.00	Overrun	100.37	2550
	100.88	7.8	0.40	0.00	Overrun	101.12	2550
	101.64	6.9	0.40	0.00	Overrun	101.90	2550
	102.40	6.1	0.40	0.00	Overrun	102.65	2540
	103.15	5.6	0.40	0.00	Overrun	103.41	2360
	103.93	4.8	0.40	0.00	Overrun	104.18	2160
	104.68	3.9	0.40	0.00	Overrun	104.94	1840
	105.48	3.5	0.40	0.00	Idle	105.74	1360
	106.26	3.0	0.40	0.00	Idle	106.52	1060
	107.02	2.6	0.40	0.00	Idle	107.27	860
	107.80	2.6	0.40	0.00	Idle	108.06	830
	108.59	2.6	0.40	0.00	Idle	108.85	810
	109.38	2.6	0.40	0.00	Idle	109.62	830
	110.13	2.6	0.40	0.00	Idle	110.39	810
	110.91	2.6	0.40	0.00	Idle	111.16	810
	111.66	2.6	0.40	0.00	Idle	111.91	800
	112.40	2.6	0.40	0.00	Idle	112.66	810
	113.16	2.6	0.40	0.00	Idle	113.41	810
	113.90	29.9	0.40	0.00	Part Throttle	114.15	1280
	114.65	39.5	0.40	0.00	Part Throttle	114.90	1650
	115.41	39.9	0.40	0.00	Part Throttle	115.66	1760
	116.16	40.4	0.40	0.00	Part Throttle	116.41	1900
	116.91	42.1	0.40	0.00	Part Throttle	117.15	2060
	117.66	45.1	0.40	0.00	Part Throttle	117.93	2290
	118.46	51.6	0.40	0.00	Part Throttle	118.72	2510
	119.23	7.4	0.40	0.00	Idle	119.49	2530
	120.01	6.1	0.40	0.00	Overrun	120.27	2470
	120.79	44.7	0.40	0.00	Part Throttle	121.06	2550
	121.59	48.6	0.40	0.00	Part Throttle	121.85	2550
	122.36	76.8	0.40	0.00	Full Throt	122.63	2550

123.16	72.0	0.40	0.00	Full Throt	123.41	2550
123.93	67.7	0.40	0.00	Part Throttle	124.19	2550
124.69	9.5	0.40	0.00	Idle	124.94	2550
125.44	55.6	0.40	0.00	Part Throttle	125.69	2430
126.20	55.1	0.40	0.00	Part Throttle	126.48	2530
126.99	52.9	0.40	0.00	Part Throttle	127.26	2550
127.77	6.5	0.40	0.00	Idle	128.02	2550
128.54	6.1	0.40	0.00	Overrun	128.80	2550
129.32	5.6	0.40	0.00	Overrun	129.58	2490
130.11	5.6	0.40	0.00	Overrun	130.37	2410
130.90	8.2	0.40	0.00	Part Throttle	131.16	2370
131.69	8.7	0.40	0.00	Part Throttle	131.94	2340
132.44	4.8	0.40	0.00	Idle	132.69	2280
133.18	4.8	0.40	0.00	Overrun	133.44	2210
133.94	4.3	0.40	0.00	Overrun	134.19	2150
134.69	4.3	0.40	0.00	Overrun	134.94	2080

Group C: '005							
Lambda	Lambda	Ign. Timing		RPM	RPM	Lambda	Mass Flow
%	%	°BTDC	TIME	/min	/min	%	g/s
STAMP							
0.0	5.5	18.8	0.53	2370	1850	0.0	27.92
0.0	3.9	12.0	1.28	2550	1850	0.0	36.53
0.0	0.0	12.0	2.03	2550	1850	0.0	38.47
0.0	6.3	10.5	2.78	2550	1850	0.0	22.71
0.0	-0.8	19.5	3.57	2550	1850	0.0	14.93
0.0	-7.8	12.0	4.36	2210	1850	0.0	29.72
0.0	-0.8	14.3	5.15	2330	1850	0.0	34.03
0.0	-3.9	15.0	5.92	2370	1850	0.0	32.98
0.0	0.0	11.3	6.67	2510	1850	0.0	32.50
0.0	-3.1	20.3	7.42	2550	1850	0.0	32.01
0.0	3.9	21.0	8.17	2550	1850	0.0	33.33
0.0	-3.9	20.3	8.92	2550	1850	0.0	8.26
0.0	0.0	19.5	9.70	2250	1850	0.0	5.69
0.0	0.0	33.0	10.45	2260	1850	0.0	15.07
0.0	0.8	28.5	11.24	2280	1850	0.0	17.71
0.0	-0.8	16.5	12.00	2260	1850	0.0	5.76
0.0	-0.8	14.3	12.76	1720	1710	0.0	4.09
0.0	1.6	7.5	13.53	1310	1330	0.0	4.51
0.0	0.0	5.3	14.28	2550	1850	0.0	58.89
0.0	0.0	11.3	15.03	2550	1850	0.0	62.15
0.0	-2.3	22.5	15.80	2550	1850	0.0	11.53
0.0	0.0	18.0	16.58	2550	1850	0.0	45.97
0.0	0.0	12.8	17.34	2550	1850	0.0	46.32
0.0	0.0	13.5	18.09	2550	1850	0.0	47.71
0.0	0.0	15.8	18.84	2550	1850	0.0	49.79
0.0	0.0	16.5	19.59	2550	1850	0.0	51.11
0.0	0.0	18.0	20.34	2550	1850	0.0	53.82
0.0	0.0	19.5	21.09	2550	1850	0.0	56.11
0.0	0.0	18.8	21.84	2550	1850	0.0	57.01
0.0	0.0	18.0	22.59	2550	1850	0.0	59.09
0.0	0.0	18.0	23.34	2550	1850	0.0	61.32
0.0	0.0	14.3	24.13	2550	1850	0.0	64.44
0.0	0.0	12.8	24.92	2550	1850	0.0	66.18
0.0	0.0	11.3	25.67	2550	1850	0.0	69.58
0.0	0.0	13.5	26.45	2550	1850	0.0	71.46
0.0	0.0	14.3	27.20	2550	1850	0.0	71.18
0.0	0.0	11.3	27.95	2550	1850	0.0	71.94
0.0	0.0	15.8	28.70	2550	1850	0.0	70.34
0.0	0.0	13.5	29.45	2550	1850	0.0	70.00
0.0	0.0	15.8	30.23	2550	1850	0.0	70.14
0.0	0.0	20.3	31.02	2550	1850	0.0	21.18
0.0	-3.1	21.0	31.80	2550	1850	0.0	11.67
0.0	0.0	21.0	32.56	2550	1850	0.0	10.56
0.0	0.0	20.3	33.31	2550	1850	0.0	9.23
0.0	0.0	20.3	34.06	2550	1850	0.0	8.26
0.0	0.0	15.8	34.81	2550	1850	0.0	23.61
0.0	0.0	30.8	35.56	2550	1850	0.0	17.22
0.0	3.1	30.8	36.31	2550	1850	0.0	8.68
0.0	2.3	20.3	37.06	2550	1850	0.0	6.25

0.0	0.0	19.5	37.81	2510	1850 0.0	5.69
0.0	0.0	18.8	38.56	2440	1850 0.0	5.42
0.0	0.0	18.0	39.31	2370	1850 0.0	5.21
0.0	0.0	18.0	40.06	2310	1850 0.0	5.00
0.0	0.0	16.5	40.81	2200	1850 0.0	4.72
0.0	0.0	15.8	41.56	2140	1850 0.0	4.58
0.0	0.0	15.0	42.31	2060	1850 0.0	4.37
0.0	0.0	14.3	43.06	1990	1810 0.0	4.09
0.0	0.0	14.3	43.81	1940	1760 0.0	4.03
0.0	0.0	13.5	44.56	1870	1710 0.0	4.03
0.0	0.0	9.0	45.31	1410	1410 0.0	3.61
0.0	0.0	8.3	46.09	1080	1070 0.0	3.19
0.0	0.8	6.8	46.85	850	850 0.0	3.19
0.0	-1.6	6.8	47.62	810	800 0.0	3.47
0.0	-2.3	6.8	48.41	800	800 0.0	3.47
0.0	-3.9	6.8	49.19	810	800 0.0	3.54
0.0	-5.5	6.8	49.97	800	800 0.0	3.54
0.0	-7.0	6.8	50.75	800	800 0.0	3.47
0.0	-4.7	6.8	51.53	790	800 0.0	3.40
0.0	-3.1	6.8	52.31	870	800 0.0	9.23
0.0	-7.0	6.0	53.09	1340	1260 0.0	17.98
0.0	-2.3	2.3	53.84	1380	1240 0.0	18.61
0.0	2.3	1.5	54.59	1530	1380 0.0	20.76
0.0	1.6	6.8	55.34	1630	1500 0.0	22.84
0.0	-3.9	7.5	56.09	1850	1660 0.0	24.17
0.0	3.9	9.0	56.87	2000	1840 0.0	19.09
0.0	3.9	17.3	57.62	2000	1840 0.0	5.21
0.0	4.7	12.8	58.37	1480	1500 0.0	3.68
0.0	6.3	7.5	59.15	1160	1150 0.0	3.26
0.0	7.8	7.5	59.92	910	900 0.0	3.06
0.0	4.7	6.8	60.70	820	810 0.0	3.33
0.0	3.9	-1.5	61.45	1740	1550 0.0	17.71
0.0	3.9	15.0	62.22	1720	1620 0.0	6.73
0.0	2.3	9.0	62.99	1330	1340 0.0	3.61
0.0	2.3	17.3	63.77	2080	1850 0.0	14.93
0.0	3.9	15.0	64.56	1950	1770 0.0	6.04
0.0	4.7	12.8	65.34	1510	1520 0.0	3.75
0.0	3.1	6.8	66.09	1170	1180 0.0	4.37
0.0	0.8	23.3	66.84	2280	1850 0.0	21.11
0.0	0.0	30.0	67.59	2510	1850 0.0	16.39
0.0	1.6	31.5	68.34	2550	1850 0.0	18.61
0.0	0.8	6.8	69.09	2550	1850 0.0	47.57
0.0	1.6	18.8	69.84	2550	1850 0.0	12.98
0.0	-2.3	21.0	70.59	2550	1850 0.0	44.58
0.0	-4.7	18.0	71.34	2550	1850 0.0	40.14
0.0	-5.5	14.3	72.09	2550	1850 0.0	43.61
0.0	0.0	12.0	72.84	2550	1850 0.0	47.84
0.0	0.8	15.8	73.59	2550	1850 0.0	51.11
0.0	0.8	17.3	74.37	2550	1850 0.0	55.42
0.0	7.0	14.3	75.12	2550	1850 0.0	35.28
0.0	2.3	21.0	75.87	2550	1850 0.0	20.62
0.0	0.0	18.0	76.64	2550	1850 0.0	43.61
0.0	0.0	12.8	77.42	2550	1850 0.0	45.48
0.0	0.0	12.8	78.19	2550	1850 0.0	47.01
0.0	0.0	16.5	78.95	2550	1850 0.0	48.89
0.0	0.0	16.5	79.73	2550	1850 0.0	50.34

0.0	0.0	15.8	80.49	2550	1850 0.0	52.22
0.0	0.0	15.8	81.26	2550	1850 0.0	55.48
0.0	0.0	18.0	82.04	2550	1850 0.0	57.15
0.0	0.0	18.0	82.82	2550	1850 0.0	59.23
0.0	0.0	18.8	83.60	2550	1850 0.0	60.42
0.0	0.0	18.0	84.37	2550	1850 0.0	63.33
0.0	0.0	16.5	85.15	2550	1850 0.0	65.76
0.0	0.0	12.0	85.93	2550	1850 0.0	68.96
0.0	0.0	9.8	86.70	2550	1850 0.0	71.73
0.0	0.0	10.5	87.50	2550	1850 0.0	72.29
0.0	0.0	15.0	88.28	2550	1850 0.0	71.25
0.0	0.0	13.5	89.06	2550	1850 0.0	70.07
0.0	0.0	15.0	89.86	2550	1850 0.0	70.90
0.0	0.0	17.3	90.63	2550	1850 0.0	70.00
0.0	0.0	18.8	91.40	2550	1850 0.0	70.21
0.0	0.0	19.5	92.16	2550	1850 0.0	69.09
0.0	-3.9	21.0	92.94	2550	1850 0.0	12.71
0.0	0.0	21.0	93.71	2550	1850 0.0	11.94
0.0	0.0	-2.3	94.48	2550	1850 0.0	30.34
0.0	0.0	20.3	95.26	2550	1850 0.0	43.68
0.0	-2.3	15.8	96.04	2550	1850 0.0	57.15
0.0	8.6	24.0	96.81	2550	1850 0.0	17.92
0.0	2.3	21.0	97.60	2550	1850 0.0	9.09
0.0	0.0	21.0	98.38	2550	1850 0.0	9.09
0.0	0.0	21.0	99.12	2550	1850 0.0	8.68
0.0	0.0	21.0	99.88	2550	1850 0.0	8.19
0.0	0.0	21.0	100.63	2550	1850 0.0	7.22
0.0	0.0	21.0	101.38	2550	1850 0.0	6.53
0.0	0.0	20.3	102.16	2550	1850 0.0	5.97
0.0	0.0	20.3	102.91	2480	1850 0.0	5.48
0.0	0.0	18.8	103.66	2280	1850 0.0	5.00
0.0	0.0	17.3	104.44	2100	1850 0.0	4.58
0.0	0.0	-2.3	105.20	1660	1650 0.0	3.89
0.0	0.0	8.3	106.00	1250	1250 0.0	3.40
0.0	0.8	8.3	106.76	970	970 0.0	3.19
0.0	-0.8	8.3	107.54	820	820 0.0	3.26
0.0	-2.3	8.3	108.31	830	800 0.0	3.54
0.0	-3.1	8.3	109.11	820	800 0.0	3.54
0.0	-4.7	8.3	109.87	820	800 0.0	3.54
0.0	-6.3	8.3	110.66	800	800 0.0	3.47
0.0	-7.8	8.3	111.41	800	800 0.0	3.47
0.0	-6.3	8.3	112.16	800	800 0.0	3.54
0.0	-4.7	8.3	112.91	800	800 0.0	3.47
0.0	-3.9	8.3	113.66	810	800 0.0	3.54
0.0	-5.5	-6.8	114.41	1680	1590 0.0	20.56
0.0	-1.6	8.3	115.16	1690	1520 0.0	21.11
0.0	0.8	8.3	115.91	1790	1660 0.0	22.71
0.0	7.0	9.8	116.66	1960	1790 0.0	24.09
0.0	7.0	14.3	117.41	2140	1850 0.0	26.46
0.0	3.1	16.5	118.19	2390	1850 0.0	35.28
0.0	-5.5	18.0	118.97	2550	1850 0.0	29.58
0.0	-7.0	21.0	119.75	2550	1850 0.0	5.90
0.0	0.0	9.0	120.53	2470	1850 0.0	19.09
0.0	0.0	17.3	121.32	2550	1850 0.0	37.84
0.0	6.3	16.5	122.10	2550	1850 0.0	46.32
0.0	2.3	15.8	122.90	2550	1850 0.0	49.72

0.0	0.0	17.3	123.66	2550	1850 0.0	53.89
0.0	-1.6	18.8	124.44	2550	1850 0.0	17.92
0.0	0.0	21.0	125.19	2550	1850 0.0	10.00
0.0	-2.3	14.3	125.95	2490	1850 0.0	38.75
0.0	-5.5	19.5	126.74	2550	1850 0.0	40.14
0.0	-5.5	21.0	127.52	2550	1850 0.0	11.59
0.0	-4.7	21.0	128.28	2550	1850 0.0	5.97
0.0	0.0	21.0	129.05	2540	1850 0.0	5.69
0.0	0.0	20.3	129.85	2460	1850 0.0	5.34
0.0	0.0	19.5	130.63	2400	1850 0.0	6.39
0.0	0.0	24.0	131.43	2340	1850 0.0	7.50
0.0	2.3	27.0	132.19	2320	1850 0.0	6.87
0.0	1.6	18.8	132.94	2260	1850 0.0	4.79
0.0	0.0	18.0	133.69	2180	1850 0.0	4.58
0.0	0.0	17.3	134.44	2130	1850 0.0	4.51
0.0	0.0	16.5	135.19	2050	1850 0.0	4.23