08:56:47	206.96	4.55	468.38	95.24	72.04	75.37	709.32	13.3820	14.2316	13.9089	9.3061	21.3631	748.8644	5.1098
08:56:48	206.96	4.51	468.38	95.24	68.38	75.13	699.66	13.0634	13.8927	11.7604	9.3076	21.3692	749.3273	5.1131
08:56:49	206.96	4.49	468.38	92.80	64.71	75.13	705.76	12.7448	13.5539	9.4988	9.3092	21.3749	749.7012	5.1157
08:56:50	193.04	4.42	468.86	92.80	63.49	75.13	702.71	12.4262	13.2110	7.5764	9.3107	21.3804	749.9980	5.1178
08:56:51	193.04	4.38	468.86	92.80	63.49	75.13	687.46	12.4262	13.2041	5.9933	9.3122	21.3860	750.2307	5.1195
08:56:52	192.92	4.32	468.86	94.02	63.49	75.13	684.41	12.1076	12.8616	3.8447	9.3136	21.3914	750.3792	5.1206
08:56:53	193.04	4.22	468.86	95.24	64.71	74.88	681.86	12.1076	12.8499	3.0532	9.3150	21.3968	750.4953	5.1214
08:56:54	192.92	4.15	468.38	96.46	65.93	74.88	678.81	12.1076	12.8420	1.1308	9.3163	21.4023	750.5379	5.1217
08:56:55	193.04	4.06	336.02	97.68	70.82	74.88	680.85	12.2669	13.0015	0.1131	9.3177	21.4077	750.5421	5.1217
08:56:56	193.04	3.98	336.02	98.90	73.26	75.13	677.29	12.4262	13.1527	0.1131	9.3191	21.4133	750.5462	5.1218
08:56:57	192.92	3.86	336.51	101.34	72.04	75.13	680.34	12.5855	13.3082	0.1131	9.3205	21.4189	750.5503	5.1218
08:56:58	192.92	3.77	336.02	102.56	75.70	75.13	680.34	12.7448	13.4620	0.1131	9.3219	21.4230	750.5542	5.1218
08:56:59	193.04	3.66	336.51	103.79	76.92	75.37	680.34	12.9041	13.6140	0.1131	9.3234	21.4271	750.5581	5.1219
08:57:00	165.32	3.57	336.02	105.01	79.37	75.13	681.86	13.2227	13.9292	0.1131	9.3248	21.4313	750.5618	5.1219
08:57:01	165.32	3.44	336.51	107.45	83.03	75.13	679.83	13.3820	14.0802	0.1131	9.3263	21.4355	750.5655	5.1219
08:57:02	165.32	3.33	336.02	107.45	83.03	75.37	677.80	13.5413	14.2264	0.1131	9.3278	21.4399	750.5691	5.1220
08:57:03	165.32	3.24	336.02	106.23	80.59	75.13	679.32	13.7007	14.3759	0.1131	9.3291	21.4442	750.5725	5.1220
08:57:04	165.32	3.16	336.02	105.01	81.81	75.37	679.32	14.0193	14.6843	0.0000	9.3305	21.4486	750.5725	5.1220
08:57:05	165.32	3.02	205.62	103.79	83.03	75.13	681.86	14.0193	14.6645	0.0000	9.3318	21.4531	750.5725	5.1220
08:57:06	165.32	2.93	205.62	102.56	80.59	75.37	681.86	13.8600	14.4790	0.1131	9.3331	21.4574	750.5757	5.1220
08:57:07	165.32	2.79	205.13	98.90	75.70	75.13	681.86	13.7007	14.2970	0.0000	9.3344	21.4618	750.5757	5.1220
08:57:08	165.20	2.72	205.62	97.68	74.48	75.37	684.92	13.5413	14.1050	0.0000	9.3357	21.4644	750.5757	5.1220
08:57:09	165.32	2.61	205.13	97.68	74.48	75.37	686.95	13.3820	13.9231	0.0000	9.3369	21.4670	750.5757	5.1220
08:57:10	147.50	2.52	205.62	97.68	70.82	75.13	686.95	12.9041	13.4008	0.1131	9.3381	21.4694	750.5784	5.1221
08:57:11	147.50	2.43	205.13	97.68	69.60	75.13	686.95	12.7448	13.2222	0.0000	9.3393	21.4719	750.5784	5.1221
08:57:12	147.50	2.36	205.62	95.24	69.60	75.37	686.95	12.7448	13.2029	0.1131	9.3405	21.4743	750.5809	5.1221
08:57:13	147.50	2.30	205.13	94.02	69.60	75.13	688.98	12.7448	13.1874	0.1131	9.3416	21.4767	750.5834	5.1221
08:57:14	147.50	2.26	205.13	92.80	72.04	75.13	690.51	12.7448	13.1716	0.0000	9.3427	21.4792	750.5834	5.1221
08:57:15	147.50	2.21	242.25	92.80	72.04	75.13	690.51	12.4262	12.8302	0.0000	9.3437	21.4815	750.5834	5.1221
08:57:16	147.50	2.19	242.25	94.02	72.04	75.13	691.53	12.2669	12.6558	0.1131	9.3447	21.4839	750.5856	5.1222
08:57:17	147.50	2.17	242.74	94.02	72.04	75.13	693.56	12.1076	12.4850	0.1131	9.3457	21.4862	750.5878	5.1222
08:57:18	147.50	2.17	242.25	94.02	73.26	75.13	696.61	12.1076	12.4758	0.1131	9.3467	21.4889	750.5900	5.1222
08:57:19	147.50	2.19	242.25	92.80	73.26	75.13	725.08	12.2669	12.6367	0.1131	9.3477	21.4917	750.5921	5.1222
08:57:20	142.00	2.19	242.25	97.68	72.04	75.13	725.08	12.2669	12.6341	0.1131	9.3488	21.4944	750.5942	5.1223
08:57:21	141.88	2.22	242.25	98.90	73.26	75.13	736.78	12.2669	12.6341	0.3392	9.3498	21.4972	750.6006	5.1224
08:57:22	141.88	2.26	242.25	101.34	74.48	75.13	761.70	12.1076	12.4719	2.8270	9.3508	21.4999	750.6538	5.1232
08:57:23	142.00	2.29	242.25	112.33	79.37	75.13	1097.29	12.7448	13.1282	3.1663	9.3518	21.5027	750.7133	5.1240
08:57:24	141.88	2.34	242.25	140.42	84.25	75.13	1297.63	12.9041	13.2979	3.7317	9.3529	21.5056	750.7845	5.1251
08:57:25	141.88	2.39	277.90	189.26	91.58	75.13	1241.70	13.2227	13.6333	4.0709	9.3539	21.5086	750.8635	5.1262
08:57:26	141.88	2.44	278.39	238.10	103.79	75.13	1075.42	14.6565	15.1187	5.9933	9.3551	21.5119	750.9817	5.1279
08:57:27	141.88	2.50	277.90	233.21	113.55	75.13	1114.07	18.3207	18.9093	7.8026	9.3566	21.5160	751.1384	5.1300
08:57:28	141.88	2.56	277.90	234.43	120.88	75.13	1355.59	24.6931	25.5037	9.0465	9.3585	21.5224	751.3241	5.1326
08:57:29	141.88	2.62	277.90	251.53	129.43	75.13	1228.98	31.0655	32.1087	8.5941	9.3610	21.5304	751.5045	5.1349
08:57:30	132.48	2.67	278.39	252.75	133.09	75.13	1275.76	30.4282	31.4747	8.3680	9.3635	21.5383	751.6844	5.1373
08:57:31	132.48	2.75	278.39	252.75	137.97	75.13	1522.88	30.5875	31.6642	9.7250	9.3659	21.5462	751.8983	5.1400
08:57:32	132.48	2.80	277.90	307.69	158.73	75.13	1621.02	32.8179	34.0014	9.8380	9.3686	21.5547	752.1200	5.1427
08:57:33	132.48	2.86	277.90	424.91	203.91	75.13	1390.68	32.9772	34.1890	9.4988	9.3711	21.5633	752.3382	5.1453
08:57:34	132.60	2.93	277.90	421.25	208.79	75.13	1094.24	32.9772	34.2229	11.4212	9.3735	21.5718	752.6079	5.1485
08:57:35	132.48	2.97	348.23	349.21	189.26	75.37	928.47	40.1462	41.6909	12.2127	9.3766	21.5823	752.9016	5.1519
08:57:36	132.48	3.03	347.74	250.31	146.52	75.13	948.81	55.4399	57.6241	14.7005	9.3807	21.5967	753.2635	5.1560
08:57:37	132.48	3.09	348.23	210.01	123.32	75.13	1024.58	54.9620	57.1779	14.1351	9.3849	21.6110	753.6196	5.1599
08:57:38	132.48	3.14	347.74	188.81	108.67	75.13	1037.80	45.5627	47.4268	13.7959	9.3883	21.6258	753.9722	5.1637
08:57:39	132.48	3.20	348.23	163.61	98.90	74.88	1265.09	32.6586	34.0230	13.4566	9.3908	21.6364	754.3234	5.1675
08:57:40	130.53	3.24	347.74	167.28	97.68	75.13	1217.29	27.4013	28.5684	13.6828	9.3929	21.6454	754.6874	5.1713
08:57:41	130.53	3.30	347.74	173.38	98.90	75.13	885.76	24.3744	25.4272	13.7959	9.3947	21.6533	755.0595	5.1751
08:57:42	130.53	3.32	347.74	156.29	95.24	74.88	728.64	21.3476	22.2881	14.8136	9.3963	21.6603	755.4670	5.1792
08:57:43	130.53	3.39	347.74	125.76	87.91	74.88	743.39	21.8255	22.8000	15.6051	9.3980	21.6675	755.9020	5.1836
08:57:44	130.53	3.40	347.74	113.55	84.25	74.88	1089.66	22.6220	23.6518	14.8136	9.3997	21.6749	756.3229	5.1877
08:57:45	130.53	3.46	418.07	114.77	83.03	74.88	1268.64	20.3917	21.3255	14.1351	9.4012	21.6815	756.7270	5.1916
08:57:46	130.53	3.48	418.56	141.84	86.69	74.88	1298.64	16.4089	17.1746	13.5697	9.4024	21.6869	757.1221	5.1954
08:57:47	130.53	3.50	418.07	166.06	89.13	74.88	1377.97	14.8158	15.5104	13.7959	9.4035	21.6917	757.5257	5.1992
08:57:48	130.53	3.55	418.07	214.90	107.45	75.13	1411.53	14.9752	15.6886	15.0398	9.4046	21.6976	757.9728	5.2034
08:57:49	130.53	3.57	418.07	244.20	119.66	75.13	1318.95	18.4800	19.3654	15.8313	9.4060	21.7049	758.4460	5.2078
08:57:50	156.90	3.60	418.07	256.41	125.76	75.13	1290.51	21.6662	22.7125	16.6229	9.4076	21.7135	758.9468	5.2124
08:57:51	156.90	3.65	418.56	253.97	136.75	75.13	1510.17	28.0386	29.4125	17.8668	9.4097	21.7245	759.4929	5.2174
08:57:52	156.78	3.67	418.07	310.13	159.95	74.88	1612.88	31.8620	33.4320	17.8668	9.4121	21.7371	760.0420	5.2223
08:57:53	156.90	3.71	418.07	382.17	184.37	75.13	1144.07	33.4551	35.1198	17.7537	9.4151	21.7503	760.5924	5.2273

08:57:54	156.90	3.73	418.56	317.46	178.27	75.13	1070.85	33.1365	34.8070	18.5453	9.4181	21.7634	761.1748	5.2324
08:57:55	156.90	3.76	412.21	262.52	158.73	75.13	1163.90	40.4648	42.5180	20.2415	9.4218	21.7794	761.8145	5.2380
08:57:56	156.90	3.78	412.21	214.90	133.09	75.13	1038.78	49.8641	52.4160	18.8845	9.4263	21.7991	762.4165	5.2433
08:57:57	156.90	3.81	412.21	188.03	116.00	74.88	870.00	41.4206	43.5540	18.5453	9.4300	21.8155	763.0113	5.2484
08:57:58	156.90	3.83	412.21	164.84	105.01	74.64	731.19	34.2517	36.0307	18.3191	9.4331	21.8289	763.6039	5.2535
08:57:59	156.90	3.86	412.21	145.30	94.02	74.88	752.03	28.0386	29.5041	17.7537	9.4357	21.8398	764.1817	5.2584
08:58:00	178.39	3.86	412.70	124.54	89.13	74.64	771.87	24.5338	25.8268	16.5098	9.4379	21.8494	764.7234	5.2630
08:58:01	178.39	3.88	412.70	117.22	83.03	74.64	1031.70	21.5069	22.6451	14.5874	9.4398	21.8578	765.2041	5.2671
08:58:02	178.39	3.88	412.21	117.22	80.59	74.88	767.80	18.9579	19.9695	14.7005	9.4415	21.8652	765.6924	5.2712
08:58:03	178.27	3.90	412.21	111.11	76.92	74.88	1056.61	16.2496	17.1174	14.1351	9.4432	21.8715	766.1619	5.2751
08:58:04	178.39	3.90	412.21	116.00	78.14	74.64	1114.58	15.2938	16.1147	15.0398	9.4448	21.8775	766.6641	5.2793
08:58:05	178.39	3.90	404.40	123.32	85.47	74.88	739.32	15.2938	16.1147	13.1174	9.4464	21.8835	767.1020	5.2829
08:58:06	178.39	3.90	404.88	117.22	83.03	74.88	731.70	14.4972	15.2793	13.4566	9.4479	21.8891	767.5535	5.2867
08:58:07	178.27	3.88	404.40	116.00	83.03	74.64	714.41	15.1345	15.9509	14.5874	9.4494	21.8950	768.0430	5.2907
08:58:08	178.27	3.88	404.40	109.89	85.47	74.88	704.24	16.0903	16.9584	13.2305	9.4511	21.9012	768.4869	5.2944
08:58:09	178.39	3.88	404.40	111.11	85.47	74.88	697.63	15.2938	16.1188	10.7427	9.4526	21.9071	768.8474	5.2974
08:58:10	220.88	3.87	403.91	119.66	85.47	75.13	1025.59	15.1345	15.9468	8.9334	9.4542	21.9129	769.1456	5.2998
08:58:11	220.88	3.87	404.40	134.31	88.69	74.88	1276.78	14.3379	15.1075	7.4633	9.4557	21.9184	769.3948	5.3019
08:58:12	220.88	3.87	404.40	167.28	91.58	74.88	1450.68	14.4972	15.2754	5.9933	9.4572	21.9239	769.5949	5.3036
08:58:13	220.88	3.88	403.91	241.76	108.67	74.88	1247.29	15.6124	16.4483	6.7849	9.4592	21.9299	769.8205	5.3055
08:58:14	221.00	3.88	404.40	238.10	112.33	74.88	898.47	17.5241	18.4623	8.4811	9.4614	21.9366	770.1025	5.3078
08:58:15	221.00	3.88	404.40	238.10	112.33	74.64	898.47	21.8255	22.9940	9.9511	9.4642	21.9450	770.4334	5.3106
08:58:16	221.00	3.91	391.70	167.28	94.02	74.64	1306.78	31.5434	33.2391	10.2904	9.4682	21.9571	770.7769	5.3134
08:58:17	221.00	3.91	391.70	167.28	94.02	74.64	1306.78	31.0655	32.7355	9.2726	9.4721	21.9690	771.0865	5.3160
08:58:18	221.00	3.91	392.19	184.37	106.23	74.88	1223.39	31.0655	32.7355	9.2726	9.4761	21.9809	771.3961	5.3186
08:58:19	266.30	3.91	391.70	183.15	111.11	74.88	985.09	21.8255	23.0083	8.7072	9.4789	21.9890	771.6891	5.3210
08:58:20	266.18	3.91	391.70	178.27	105.01	74.88	1460.34	21.8255	23.0083	8.7072	9.4817	21.9971	771.9822	5.3234
08:58:21	266.30	3.91	392.19	218.56	118.44	74.64	1710.51	24.0558	25.3595	10.2904	9.4847	22.0060	772.3285	5.3263
08:58:22	266.30	3.89	392.19	368.30	167.28	74.64	1719.15	23.8965	25.1937	9.0465	9.4884	22.0149	772.6329	5.3288
08:58:23	266.42	3.87	392.19	824.18	300.37	75.13	1916.44	23.2593	24.5218	10.6296	9.4920	22.0235	772.9907	5.3318
08:58:24	266.30	3.84	392.19	1244.20	461.54	74.88	1850.34	28.5165	30.0644	12.3258	9.4964	22.0341	773.4055	5.3352
08:58:25	266.30	3.82	381.93	1256.41	520.15	74.88	1060.17	47.7930	50.3690	15.2659	9.5037	22.0519	773.9157	5.3394
08:58:26	266.30	3.79	381.93	899.88	423.69	74.88	1007.80	107.5343	113.3128	19.3368	9.5202	22.0919	774.5600	5.3448
08:58:27	266.30	3.74	381.93	515.28	291.82	74.64	1047.46	162.3370	170.9893	21.0330	9.5452	22.1522	775.2551	5.3506
08:58:28	266.30	3.72	381.93	399.27	238.10	74.88	1593.05	163.9301	172.6226	22.3900	9.5703	22.2115	775.9913	5.3569
08:58:29	317.83	3.69	381.44	427.35	230.77	75.13	1663.22	117.4116	123.5797	21.9377	9.5884	22.2539	776.7061	5.3630
08:58:30	317.83	3.65	381.44	578.75	268.62	75.13	1867.12	67.2289	70.7203	22.8423	9.5987	22.2782	777.4418	5.3693
08:58:31	317.95	3.63	381.44	1148.96	440.78	74.88	1998.31	52.0944	54.7800	22.5031	9.6067	22.2970	778.1614	5.3756
08:58:32	317.83	3.57	381.44	1608.06	728.50	75.37	1548.31	55.7585	58.6203	24.8778	9.6169	22.3171	778.9518	5.3825
08:58:33	317.83	3.55	381.44	1742.37	738.26	75.13	1599.66	75.5130	79.3392	26.8002	9.6307	22.3444	779.7926	5.3899
08:58:34	317.83	3.52	381.93	1466.42	632.48	75.13	1125.76	149.9108	157.4660	29.9664	9.6581	22.3984	780.7276	5.3982
08:58:35	317.83	3.49	347.74	873.02	445.67	75.13	1102.88	209.8114	220.2138	32.7935	9.6964	22.4739	781.7343	5.4073
08:58:36	317.83	3.46	348.23	634.92	350.43	75.37	1102.88	227.3355	238.5449	32.3411	9.7379	22.5557	782.7217	5.4163
08:58:37	317.83	3.46	347.74	478.63	294.26	75.13	1070.85	191.3314	200.6926	33.1327	9.7728	22.6247	783.7255	5.4255
08:58:38	317.83	3.42	347.74	322.34	222.22	75.13	1048.48	113.9067	119.4240	33.2458	9.7936	22.6620	784.7227	5.4348
08:58:39	375.46	3.40	347.74	258.85	188.03	75.13	1032.71	82.8413	86.8177	33.3589	9.8087	22.6892	785.7143	5.4440
08:58:40	375.34	3.38	347.74	201.47	153.85	75.13	1028.64	62.4496	65.4472	32.3411	9.8201	22.7097	786.6756	5.4530
08:58:41	375.58	3.37	348.23	179.49	133.09	75.13	1045.42	42.0579	44.0561	31.6626	9.8278	22.7235	787.6072	5.4618
08:58:42	375.34	3.37	348.23	167.28	117.22	74.88	1055.09	33.7737	35.3748	31.2103	9.8350	22.7345	788.5213	5.4705
08:58:43	375.46	3.37	347.74	162.39	103.79	75.13	1063.73	26.2862	27.5237	31.0972	9.8407	22.7431	789.4258	5.4791
08:58:44	375.46	3.37	347.74	173.38	103.79	74.88	1071.87	23.4186	24.5173	31.5496	9.8457	22.7508	790.3403	5.4879
08:58:45	375.34	3.38	314.04	181.93	103.79	74.88	1064.75	21.8255	22.8494	31.6626	9.8504	22.7580	791.2581	5.4967
08:58:46	375.34	3.40	314.53	174.60	100.12	75.13	1064.75	21.1882	22.1823	32.1150	9.8550	22.7649	792.1890	5.5056
08:58:47	375.34	3.44	314.04	166.06	100.12	75.13	1079.49	22.6220	23.6833	32.3411	9.8599	22.7723	793.1264	5.5146
08:58:48	375.46	3.47	314.04	167.28	107.45	74.88	1095.76	23.7372	24.8547	32.2280	9.8650	22.7793	794.0638	5.5235
08:58:49	375.46	3.47	314.04	167.28	107.45	75.13	1095.76	22.7813	23.8600	32.2280	9.8699	22.7861	795.0066	5.5325
08:58:50	451.53	3.54	314.04	257.63	142.86	74.88	1590.00	21.6662	22.7027	32.6804	9.8745	22.7925	795.9726	5.5416
08:58:51	451.65	3.60	314.53	395.60	179.49	74.88	1427.80	21.8255	22.8791	33.0196	9.8792	22.7990	796.9574	5.5507
08:58:52	451.53	3.65	314.04	487.18	208.79	74.88	1067.80	21.8255	22.8791	33.0196	9.8839	22.8054	797.9422	5.5599
08:58:53	451.53	3.73	314.53	334.55	179.49	74.88	1005.25	33.6144	35.2751	34.7158	9.8927	22.8154	798.9986	5.5695
08:58:54	451.65	3.78	314.04	284.96	156.29	75.13	922.88	51.6165	54.2114	35.3943	9.9061	22.8307	800.0947	5.5794
08:58:55	451.53	3.85	504.52	217.34	136.75	75.13	844.58	63.5647	66.8054	33.0196	9.9226	22.8496	801.1317	5.5886
08:58:56	451.53	3.92	504.52	181.93	116.00	74.88	760.17	43.6510	45.9217	30.3057	9.9339	22.8626	802.1027	5.5970
08:58:57	451.65	4.04	505.01	137.97	96.46	75.13	736.78	34.5703	36.3969	27.8179	9.9429	22.8729	803.0081	5.6047
08:58:58	451.53	4.13	505.01	122.10	87.91	75.13	764.75	28.3572	29.8834	25.4432	9.9503	22.8864	803.8516	5.6118
08:58:59	499.39	4.28	505.01	114.77	84.25	75.13	687.46	23.7372	25.0368	22.9554	9.9565	22.8978	804.6257	5.6181
08:59:00	499.51	4.35	504.52	105.01	75.70	74.88	730.68	18.0020	19.0182	19.3368	9.9612	22.9064	805.2979	5.6235

08:59:01	499.39	4.44	504.52	98.90	70.82	74.64	707.29	15.9310	16.8494	16.9621	9.9654	22.9141	805.9001	5.6282
08:59:02	499.39	4.52	504.52	96.46	69.60	74.88	697.12	14.9752	15.8678	13.0043	9.9697	22.9213	806.3766	5.6318
08:59:03	499.51	4.58	504.52	95.24	68.38	74.64	704.24	13.7007	14.5338	10.5165	9.9737	22.9279	806.7697	5.6348
08:59:04	499.39	4.66	505.01	94.02	67.16	74.88	700.68	12.9041	13.7059	7.1241	9.9774	22.9341	807.0418	5.6367
08:59:05	499.39	4.70	694.51	94.02	70.82	74.64	690.51	12.5855	13.3813	5.4279	9.9811	22.9402	807.2527	5.6382
08:59:06	499.51	4.74	694.99	94.02	75.70	74.88	686.44	12.4262	13.2235	3.8447	9.9847	22.9462	807.4043	5.6393
08:59:07	499.51	4.80	694.99	100.12	81.81	74.88	683.90	12.2669	13.0668	3.1663	9.9883	22.9521	807.5312	5.6402
08:59:08	499.27	4.83	694.51	101.34	83.03	74.88	683.90	12.2669	13.0742	1.9224	9.9919	22.9603	807.6089	5.6407
08:59:09	499.39	4.85	694.51	100.12	80.59	74.88	683.90	12.2669	13.0803	1.0177	9.9954	22.9684	807.6504	5.6410
08:59:10	499.39	4.90	694.51	101.34	81.81	74.88	685.93	13.0634	13.9405	0.1131	9.9993	22.9771	807.6551	5.6410
08:59:11	499.51	4.92	694.51	102.56	80.59	74.88	683.39	13.2227	14.1178	0.1131	10.0031	22.9860	807.6598	5.6411
08:59:12	499.39	4.97	694.51	103.79	80.59	74.88	684.41	13.0634	13.9513	0.1131	10.0069	22.9947	807.6645	5.6411
08:59:13	499.51	5.00	694.99	103.79	80.59	75.13	682.88	13.2227	14.1294	0.1131	10.0108	23.0035	807.6693	5.6411
08:59:14	499.39	5.01	694.51	103.79	80.59	75.13	681.86	13.3820	14.3041	0.1131	10.0147	23.0124	807.6740	5.6412
08:59:15	499.51	5.07	636.39	102.56	78.14	75.13	683.39	13.5413	14.4848	0.1131	10.0187	23.0215	807.6789	5.6412
08:59:16	499.51	5.07	636.87	98.90	75.70	75.13	683.39	13.5413	14.4893	0.1131	10.0226	23.0305	807.6837	5.6412
08:59:17	499.39	5.10	636.39	95.24	73.26	75.13	681.36	13.5413	14.4916	0.1131	10.0266	23.0396	807.6886	5.6413
08:59:18	499.51	5.11	636.87	95.24	70.82	75.13	681.36	13.3820	14.3322	0.0000	10.0305	23.0478	807.6886	5.6413
08:59:19	499.39	5.11	636.39	95.24	70.82	74.88	681.36	12.9041	13.8203	0.0000	10.0343	23.0557	807.6886	5.6413
08:59:20	499.39	5.10	635.90	95.24	74.48	74.88	682.37	12.4262	13.3133	0.0000	10.0379	23.0633	807.6886	5.6413
08:59:21	499.39	5.08	636.87	97.68	75.70	75.13	683.39	12.4262	13.3160	0.1131	10.0416	23.0710	807.6936	5.6413
08:59:22	499.51	5.03	636.39	98.90	76.92	75.13	684.41	12.4262	13.3160	0.1131	10.0452	23.0786	807.6986	5.6413
08:59:23	499.39	4.98	635.90	101.34	79.37	75.13	681.86	12.4262	13.3139	0.1131	10.0489	23.0862	807.7035	5.6414
08:59:24	499.51	4.92	636.39	102.56	79.37	74.88	682.88	12.7448	13.6511	0.1131	10.0526	23.0940	807.7085	5.6414
08:59:25	499.39	4.86	581.20	103.79	78.14	75.13	681.86	12.9041	13.8139	0.0000	10.0564	23.1019	807.7085	5.6414
08:59:26	499.39	4.77	581.20	106.23	75.70	75.13	681.86	13.2227	14.1448	0.1131	10.0602	23.1100	807.7133	5.6414
08:59:27	499.39	4.70	581.20	105.01	74.48	74.88	681.86	13.3820	14.3034	0.1131	10.0641	23.1182	807.7181	5.6414
08:59:28	499.39	4.59	580.71	106.23	73.26	75.13	682.88	13.5413	14.4624	0.1131	10.0681	23.1257	807.7228	5.6415
08:59:29	499.51	4.51	581.20	107.45	72.04	75.13	685.93	13.8600	14.7859	0.1131	10.0721	23.1335	807.7274	5.6415
08:59:30	499.27	4.44	581.20	111.11	73.26	75.37	682.88	13.7007	14.6016	0.0000	10.0761	23.1411	807.7274	5.6415
08:59:31	499.39	4.31	581.20	114.77	75.70	75.37	682.88	13.8600	14.7508	0.1131	10.0802	23.1488	807.7319	5.6415
08:59:32	499.39	4.24	581.20	109.89	74.48	75.13	684.41	14.0193	14.9042	0.1131	10.0842	23.1566	807.7363	5.6416
08:59:33	499.39	4.12	581.20	106.23	72.04	75.37	684.41	14.4972	15.3971	0.1131	10.0884	23.1646	807.7406	5.6416
08:59:34	499.39	4.04	580.71	105.01	70.82	75.13	683.39	14.9752	15.8784	0.1131	10.0928	23.1729	807.7448	5.6416
08:59:35	499.39	3.98	458.61	102.56	69.60	75.37	684.41	14.3379	15.1886	0.1131	10.0969	23.1809	807.7489	5.6417
08:59:36	499.39	3.88	458.12	102.56	70.82	75.37	681.86	13.8600	14.6588	0.1131	10.1010	23.1885	807.7529	5.6417
08:59:37	499.27	3.82	458.12	101.34	72.04	75.37	683.39	13.7007	14.4753	0.1131	10.1049	23.1961	807.7569	5.6417
08:59:38	499.39	3.76	458.12	101.34	70.82	75.13	686.95	13.3820	14.1262	0.1131	10.1088	23.2019	807.7607	5.6418
08:59:39	499.51	3.68	458.12	100.12	67.16	75.13	683.90	13.3820	14.1079	0.0000	10.1126	23.2077	807.7607	5.6418
08:59:40	499.39	3.62	458.12	97.68	64.71	75.37	683.90	13.2227	13.9298	0.0000	10.1164	23.2135	807.7607	5.6418
08:59:41	499.51	3.56	458.12	96.46	63.49	75.13	682.88	13.2227	13.9183	0.1131	10.1202	23.2192	807.7644	5.6418
08:59:42	499.39	3.50	458.12	94.02	61.05	75.13	683.90	13.0634	13.7356	0.0000	10.1240	23.2249	807.7644	5.6418
08:59:43	499.51	3.44	458.12	91.58	61.05	75.13	684.92	12.7448	13.3909	0.0000	10.1277	23.2304	807.7644	5.6418
08:59:44	499.39	3.40	458.61	90.35	61.05	75.13	683.39	12.5855	13.2118	0.0000	10.1313	23.2358	807.7644	5.6418
08:59:45	499.39	3.36	337.97	90.35	62.27	75.13	684.41	12.2669	12.8680	0.0000	10.1348	23.2411	807.7644	5.6418
08:59:46	499.39	3.33	337.97	86.69	63.49	74.88	683.39	11.9483	12.5240	0.1131	10.1382	23.2463	807.7677	5.6418
08:59:47	499.51	3.29	337.97	86.69	63.49	74.88	685.42	11.7889	12.3500	0.1131	10.1416	23.2514	807.7710	5.6419
08:59:48	499.39	3.25	337.97	86.69	64.71	75.13	685.42	11.7889	12.3429	0.1131	10.1450	23.2551	807.7743	5.6419
08:59:49	435.53	3.23	337.97	87.91	69.60	74.88	686.44	11.3110	11.8376	0.1131	10.1482	23.2587	807.7776	5.6419
08:59:50	435.53	3.19	337.97	90.35	72.04	75.13	686.44	11.3110	11.8315	0.1131	10.1514	23.2623	807.7807	5.6419
08:59:51	435.53	3.16	337.48	90.35	67.16	74.88	683.39	11.3110	11.8253	0.1131	10.1547	23.2659	807.7839	5.6420
08:59:52	435.53	3.14	337.97	89.13	65.93	74.88	685.42	11.4703	11.9867	0.1131	10.1575	23.2696	807.7870	5.6420
08:59:53	435.53	3.14	337.97	89.13	65.93	74.88	685.42	11.7889	12.3133	0.1131	10.1605	23.2733	807.7901	5.6420
08:59:54	435.53	3.12	337.97	94.02	69.60	74.88	683.90	11.7889	12.3088	0.1131	10.1634	23.2771	807.7932	5.6421
08:59:55	435.53	3.08	334.07	95.24	68.38	74.88	686.44	11.6296	12.1393	0.0000	10.1663	23.2807	807.7932	5.6421
08:59:56	435.53	3.07	334.07	97.68	68.38	74.88	686.44	11.6296	12.1393	0.0000	10.1692	23.2844	807.7932	5.6421
08:59:57	435.65	3.06	334.07	100.12	74.48	74.88	685.42	12.2669	12.8005	0.1131	10.1722	23.2883	807.7962	5.6421
08:59:58	435.53	3.05	334.07	100.12	79.37	74.88	686.44	12.4262	12.9613	0.1131	10.1753	23.2922	807.7992	5.6421
08:59:59	435.53	3.03	334.07	101.34	81.81	75.13	684.41	12.7448	13.2916	0.1131	10.1785	23.2962	807.8022	5.6422
09:00:00	348.72	3.01	334.07	102.56	84.25	75.13	687.46	13.0634	13.6218	0.1131	10.1818	23.3003	807.8052	5.6422
09:00:01	348.60	3.00	334.07	102.56	81.81	75.13	687.46	13.0634	13.6189	0.1131	10.1850	23.3044	807.8082	5.6422
09:00:02	348.72	3.00	334.55	102.56	76.92	75.13	685.93	13.2227	13.7814	0.1131	10.1883	23.3085	807.8111	5.6423
09:00:03	348.60	2.98	334.07	101.34	75.70	75.13	685.93	13.3820	13.9431	0.0000	10.1909	23.3127	807.8111	5.6423
09:00:04	348.60	2.98	333.58	100.12	72.04	75.13	685.93	13.3820	13.9402	0.1131	10.1936	23.3169	807.8140	5.6423
09:00:05	348.60	2.96	330.65	100.12	68.38	75.13	683.39	13.3820	13.9402	0.0000	10.1963	23.3211	807.8140	5.6423
09:00:06	348.72	2.96	330.16	98.90	65.93	75.13	688.47	13.2227	13.7706	0.0000	10.1989	23.3252	807.8140	5.6423
09:00:07	348.72	2.96	329.67	96.46	67.16	74.88	688.95	13.0634	13.6047	0.1131	10.2015	23.3293	807.8169	5.6423

09:00:08	348.72	2.94	330.16	96.46	70.82	75.13	685.93	13.0634	13.6005	0.1131	10.2041	23.3334	807.8198	5.6424
09:00:09	348.72	2.94	330.16	96.46	70.82	74.88	685.93	12.9041	13.4346	0.0000	10.2067	23.3374	807.8198	5.6424
09:00:10	258.85	2.93	330.16	94.02	68.38	74.88	688.47	12.5855	13.1029	0.0000	10.2092	23.3412	807.8198	5.6424
09:00:11	258.85	2.93	330.16	94.02	69.60	75.13	688.44	12.5855	13.1002	0.1131	10.2117	23.3451	807.8227	5.6424
09:00:12	258.85	2.92	330.16	92.80	69.60	74.88	691.02	12.5855	13.1002	0.1131	10.2142	23.3490	807.8255	5.6424
09:00:13	258.85	2.92	330.16	92.80	69.60	75.13	688.47	12.2669	12.7644	0.0000	10.2160	23.3528	807.8255	5.6424
09:00:14	258.85	2.92	330.16	94.02	69.60	74.88	688.47	12.2669	12.7644	0.0000	10.2178	23.3566	807.8255	5.6424
09:00:15	258.85	2.92	324.30	92.80	68.38	74.88	883.73	12.1076	12.5967	0.0000	10.2196	23.3603	807.8255	5.6424
09:00:16	258.85	2.92	324.30	95.24	68.38	74.88	1098.81	12.1076	12.5967	0.1131	10.2213	23.3641	807.8284	5.6425
09:00:17	258.85	2.90	324.79	107.45	70.82	74.88	1015.42	12.2669	12.7624	0.0000	10.2232	23.3679	807.8284	5.6425
09:00:18	258.85	2.90	324.30	117.22	78.14	74.88	973.22	12.1076	12.5967	2.4878	10.2249	23.3716	807.8908	5.6431
09:00:19	189.99	2.90	324.79	125.76	83.03	74.64	833.90	12.4262	12.9282	4.7494	10.2268	23.3753	808.0099	5.6445
09:00:20	189.99	2.90	324.79	120.88	78.14	74.64	716.44	14.0193	14.5826	6.1064	10.2288	23.3796	808.1623	5.6462
09:00:21	189.99	2.89	324.79	108.67	74.48	74.88	699.15	15.2938	15.9083	6.5587	10.2311	23.3842	808.3260	5.6480
09:00:22	189.99	2.89	324.79	105.01	70.82	74.88	689.49	16.4089	17.0661	6.5587	10.2329	23.3892	808.4897	5.6498
09:00:23	189.99	2.89	324.30	98.90	68.38	74.88	684.92	15.7717	16.4033	4.9756	10.2346	23.3940	808.6139	5.6512
09:00:24	189.99	2.89	324.79	95.24	64.71	74.64	684.92	14.1786	14.7441	3.5055	10.2361	23.3983	808.7010	5.6522
09:00:25	189.99	2.89	316.00	91.58	61.05	74.64	684.92	13.7007	14.2471	1.8093	10.2376	23.4025	808.7460	5.6527
09:00:26	189.99	2.88	316.00	89.13	58.61	74.40	684.92	12.9041	13.4188	0.2262	10.2390	23.4064	808.7516	5.6527
09:00:27	189.99	2.88	316.00	89.13	57.39	74.40	683.90	12.4262	12.9218	0.1131	10.2403	23.4102	808.7544	5.6528
09:00:28	189.99	2.88	316.00	91.58	61.05	74.40	681.86	11.9483	12.4248	0.1131	10.2416	23.4137	808.7572	5.6528
09:00:29	142.00	2.86	316.00	94.02	67.16	74.64	681.86	11.6296	12.0916	0.0000	10.2429	23.4171	808.7572	5.6528
09:00:30	142.00	2.86	316.48	96.46	68.38	74.40	681.86	11.6296	12.0916	0.0000	10.2441	23.4206	808.7572	5.6528
09:00:31	142.00	2.86	316.00	98.90	74.48	74.64	680.85	11.9483	12.4229	0.1131	10.2454	23.4241	808.7600	5.6528
09:00:32	141.88	2.86	316.00	102.56	78.14	74.40	681.86	12.2669	12.7504	0.1131	10.2464	23.4277	808.7628	5.6528
09:00:33	142.00	2.86	316.00	102.56	81.81	74.64	684.41	12.5855	13.0816	0.1131	10.2474	23.4314	808.7656	5.6529
09:00:34	141.88	2.86	316.00	108.67	78.14	74.64	684.41	12.9041	13.4127	0.1131	10.2485	23.4352	808.7683	5.6529
09:00:35	141.88	2.86	322.34	107.45	75.70	74.40	683.39	13.3820	13.9095	0.1131	10.2496	23.4392	808.7711	5.6529
09:00:36	141.88	2.86	322.34	105.01	76.92	74.64	684.92	13.3820	13.9095	0.1131	10.2506	23.4432	808.7739	5.6530
09:00:37	141.88	2.86	322.34	106.23	79.37	74.64	681.86	14.1786	14.7375	0.0000	10.2518	23.4473	808.7739	5.6530
09:00:38	141.88	2.86	322.34	106.23	81.81	74.64	684.41	14.0193	14.5719	0.0000	10.2529	23.4516	808.7739	5.6530
09:00:39	127.96	2.88	322.34	107.45	80.59	74.88	685.93	13.7007	14.2407	0.0000	10.2540	23.4557	808.7739	5.6530
09:00:40	127.96	2.88	322.34	103.79	80.59	74.64	685.93	13.8600	14.4063	0.1131	10.2551	23.4599	808.7767	5.6530
09:00:41	127.96	2.91	321.86	97.68	83.03	74.88	684.92	13.8600	14.4063	0.1131	10.2563	23.4640	808.7795	5.6530
09:00:42	127.96	2.91	321.86	94.02	81.81	74.64	686.44	14.0193	14.5745	0.1131	10.2573	23.4683	808.7823	5.6531
09:00:43	127.96	2.94	322.34	91.58	78.14	74.64	688.98	13.5413	14.0777	0.1131	10.2583	23.4724	808.7851	5.6531
09:00:44	127.96	2.94	322.34	91.58	76.92	74.64	708.27	12.7448	13.2544	0.1131	10.2592	23.4762	808.7879	5.6531
09:00:45	127.96	2.96	326.25	91.58	76.92	74.88	681.36	12.2669	12.7574	0.1131	10.2601	23.4799	808.7907	5.6532
09:00:46	127.96	2.97	326.74	90.35	80.59	74.64	679.32	11.9483	12.4312	0.3392	10.2610	23.4835	808.7993	5.6533
09:00:47	127.96	2.98	326.25	92.80	81.81	74.88	680.34	11.9483	12.4312	2.6009	10.2618	23.4871	808.8650	5.6540
09:00:48	127.84	2.99	326.74	92.80	78.14	74.64	680.34	11.9483	12.4344	1.0177	10.2627	23.4907	808.8909	5.6543
09:00:49	123.57	2.99	326.25	95.24	80.59	74.88	680.34	11.7889	12.2705	0.4523	10.2636	23.4943	808.9024	5.6544
09:00:50	123.44	3.01	326.25	97.68	86.69	74.88	681.86	12.1076	12.6048	0.1131	10.2645	23.4980	808.9053	5.6544
09:00:51	123.44	3.01	326.25	101.34	84.25	74.88	682.88	12.1076	12.6068	0.1131	10.2653	23.5017	808.9082	5.6545
09:00:52	123.44	3.01	326.74	108.67	86.69	74.88	682.88	12.4262	12.9384	0.1131	10.2662	23.5055	808.9111	5.6545
09:00:53	123.44	3.03	326.74	107.45	86.69	75.13	681.86	12.7448	13.2729	0.1131	10.2671	23.5094	808.9141	5.6545
09:00:54	123.44	3.03	326.25	109.89	86.69	75.13	680.85	13.2227	13.7707	0.1131	10.2680	23.5135	808.9170	5.6545
09:00:55	123.44	3.03	322.34	114.77	83.03	75.13	682.88	14.1786	14.7681	0.1131	10.2690	23.5178	808.9199	5.6546
09:00:56	123.44	3.03	322.34	109.89	79.37	75.13	682.88	14.0193	14.6040	0.0000	10.2700	23.5221	808.9199	5.6546
09:00:57	123.44	3.03	322.34	107.45	79.37	75.13	685.42	14.3379	14.9359	0.1131	10.2710	23.5265	808.9229	5.6546
09:00:58	123.44	3.03	322.34	103.79	78.14	75.13	686.44	14.9752	15.5997	0.0000	10.2721	23.5310	808.9229	5.6546
09:00:59	117.34	3.01	322.34	98.90	76.92	75.13	688.47	14.3379	14.9359	0.1131	10.2731	23.5353	808.9258	5.6546
09:01:00	117.46	3.01	322.34	94.02	79.37	75.13	688.47	14.0193	14.6040	0.0000	10.2741	23.5396	808.9258	5.6546
09:01:01	117.34	3.01	322.34	91.58	84.25	75.13	681.36	13.5413	14.1061	0.0000	10.2750	23.5437	808.9258	5.6546
09:01:02	117.34	3.01	321.86	92.80	89.13	75.13	681.36	12.9041	13.4387	0.1131	10.2759	23.5476	808.9287	5.6547
09:01:03	117.34	3.01	322.34	97.68	91.58	75.37	681.36	12.2669	12.7750	0.1131	10.2767	23.5513	808.9317	5.6547
09:01:04	117.46	3.00	322.34	100.12	89.13	75.37	681.36	11.9483	12.4432	0.1131	10.2775	23.5549	808.9346	5.6547
09:01:05	117.46	3.00	318.44	101.34	95.24	75.37	681.36	12.1076	12.6091	0.1131	10.2783	23.5585	808.9375	5.6548
09:01:06	117.46	3.00	317.95	102.56	94.02	75.37	681.36	12.7448	13.2728	0.0000	10.2792	23.5624	808.9375	5.6548
09:01:07	117.46	3.00	317.95	102.56	87.91	75.37	680.34	13.0634	13.6025	0.0000	10.2801	23.5663	808.9375	5.6548
09:48:38	119.54	3.40	365.81	92.80	56.17	72.70	689.49	13.2227	13.7684	0.1131	10.2809	23.5703	808.9405	5.6548
09:48:39	119.54	3.38	365.81	91.58	56.17	72.70	691.02	13.3820	13.9342	0.0000	10.2818	23.5742	808.9405	5.6548
09:48:40	119.54	3.38	365.32	90.35	56.17	72.70	687.97	13.3820	13.9342	0.0000	10.2827	23.5782	808.9405	5.6548
09:48:41	119.41	3.38	365.81	90.35	57.39	72.94	692.03	12.1076	12.6742	0.1131	10.2836	23.5824	808.9438	5.6548

11-MAY-93 09:19 LACMTA Emissions Testing Facility

Test : EPA URBAN DYNO DRIVING SCHED FOR HD VEH
Test number : 1068
Test options: Dilute Modal Bag Diesel Auxiliary data Second by Second Data Particulate sampling Smoke meter

TEST TIME (s)	--DILUTE CONCENTRATIONS-- HC (PPM)	CO (PPM)	NOx (PPM)	CO2 (%)	--------MODAL GRAMS-------- HC	CO	NOx	CO2	EXH VOL (Cu.f)	DIL. RATIO	A/F RATIO	DRIV. VIOL. (s)	DIST-ANCE (Mi)	SPEED	FUEL Mps-US Gal/Hr	SMOKE MTR (%)	----AUXILIARY SIGNALS---- OIL			
0 DL	5.5	5.2	15.8	0.14	0.004	0.008	0.04	3.57	48.41	72.84	22.90	0.0	0.000	0.0	1.27	3.03	191.5	0.0	0.0	0.0
1 DL	5.5	5.1	15.8	0.14	0.004	0.008	0.04	3.58	48.41	72.66	22.88	0.0	0.000	0.0	1.27	3.02	191.5	0.0	0.0	0.0
2 DL	5.5	5.1	15.9	0.14	0.004	0.008	0.04	3.59	48.42	72.53	22.87	0.0	0.000	0.0	1.28	3.02	191.5	0.0	0.0	0.0
3 DL	5.5	5.1	15.9	0.14	0.004	0.008	0.04	3.59	48.42	72.44	22.86	0.0	0.000	0.0	1.28	3.02	191.5	0.0	0.0	0.0
4 DL	5.4	5.1	16.0	0.14	0.004	0.008	0.04	3.59	48.42	72.50	22.87	0.0	0.000	0.0	1.28	3.04	191.5	0.0	0.0	0.0
5 DL	5.4	5.0	15.8	0.14	0.004	0.008	0.04	3.60	48.42	72.35	22.85	0.0	0.000	0.0	1.28	3.07	191.4	0.0	0.0	0.0
6 DL	5.4	4.9	15.8	0.14	0.004	0.008	0.04	3.61	48.41	72.23	22.84	0.0	0.000	0.0	1.28	3.05	191.3	0.0	0.0	0.0
7 DL	5.4	5.0	15.6	0.14	0.004	0.008	0.04	3.61	48.41	72.23	22.84	0.0	0.000	0.0	1.28	3.09	191.3	0.0	0.0	0.0
8 DL	5.4	5.1	15.7	0.14	0.004	0.008	0.04	3.60	48.41	72.32	22.85	0.0	0.000	0.0	1.28	3.12	191.3	0.0	0.0	0.0
9 DL	5.4	5.0	15.7	0.14	0.004	0.008	0.04	3.61	48.42	72.22	22.84	0.0	0.000	0.0	1.28	3.17	191.3	0.0	0.0	0.0
10 DL	5.4	5.0	15.6	0.14	0.004	0.008	0.04	3.60	48.42	72.35	22.85	0.0	0.000	0.0	1.28	3.08	191.4	0.0	0.0	0.0
11 DL	5.4	5.0	15.6	0.14	0.004	0.008	0.04	3.60	48.41	72.38	22.86	0.0	0.000	0.0	1.28	3.05	191.5	0.0	0.0	0.0
12 DL	5.4	5.0	15.5	0.14	0.004	0.008	0.04	3.60	48.42	72.38	22.86	0.0	0.000	0.0	1.28	3.11	191.5	0.0	0.0	0.0
13 DL	5.4	5.0	15.5	0.14	0.004	0.008	0.04	3.60	48.42	72.38	22.86	0.0	0.000	0.0	1.28	3.09	191.6	0.0	0.0	0.0
14 DL	5.4	5.0	15.4	0.14	0.004	0.008	0.04	3.59	48.42	72.54	22.87	0.0	0.000	0.0	1.28	3.17	191.6	0.0	0.0	0.0
15 DL	5.3	5.0	15.6	0.14	0.004	0.008	0.04	3.58	48.42	72.67	22.88	0.0	0.000	0.0	1.27	3.10	191.5	0.0	0.0	0.0
16 DL	5.3	4.9	15.4	0.14	0.004	0.008	0.04	3.57	48.42	72.86	22.90	0.0	0.000	0.0	1.27	3.07	191.4	0.0	0.0	0.0
17 DL	5.3	5.0	15.4	0.14	0.004	0.008	0.04	3.57	48.41	72.86	22.90	0.0	0.000	0.0	1.27	3.08	191.4	0.0	0.0	0.0
18 DL	5.3	5.0	15.4	0.14	0.004	0.008	0.04	3.58	48.41	72.73	22.89	0.0	0.000	0.0	1.27	3.12	191.4	0.0	0.0	0.0
19 DL	5.3	4.9	15.5	0.14	0.004	0.008	0.04	3.58	48.41	72.64	22.88	0.0	0.000	0.0	1.28	3.06	191.4	0.0	0.0	0.0
20 DL	5.3	5.0	15.4	0.14	0.004	0.008	0.04	3.58	48.42	72.70	22.88	0.0	0.000	0.0	1.27	3.11	191.4	0.0	0.0	0.0
21 DL	5.3	5.0	15.7	0.14	0.004	0.008	0.04	3.58	48.42	72.70	22.88	0.0	0.000	0.0	1.27	2.99	191.4	0.0	0.0	0.0
22 DL	5.3	4.9	15.5	0.14	0.004	0.008	0.04	3.58	48.41	72.70	22.88	0.0	0.000	0.0	1.27	2.91	191.4	0.0	0.0	0.0
23 DL	5.3	4.9	15.4	0.14	0.004	0.008	0.04	3.58	48.41	72.70	22.88	0.0	0.000	0.0	1.27	2.96	191.4	0.0	0.0	0.0
24 DL	5.3	4.8	15.3	0.14	0.004	0.008	0.04	3.58	48.41	72.67	22.88	0.0	0.000	0.0	0.01	3.06	191.4	0.0	0.0	0.0
25 DL	5.3	4.8	15.5	0.14	0.004	0.008	0.04	3.58	48.41	72.61	22.88	0.0	0.001	2.0	1.45	2.87	191.5	0.0	0.0	0.0
26 DL	5.3	4.8	15.7	0.14	0.004	0.008	0.04	3.60	48.41	72.42	22.86	0.0	0.001	2.6	1.99	3.13	191.6	0.0	0.0	0.0
27 DL	5.4	5.3	16.4	0.14	0.004	0.008	0.04	3.63	48.42	71.94	22.82	0.0	0.001	3.1	2.38	2.94	191.7	0.0	0.0	0.0
28 DL	5.6	9.4	20.1	0.15	0.004	0.015	0.05	3.74	48.42	70.08	22.65	0.0	0.001	3.7	2.73	3.19	191.8	0.0	0.0	0.0
29 DL	6.3	22.0	30.8	0.17	0.005	0.035	0.08	4.22	48.41	63.51	22.06	0.0	0.002	5.6	3.58	3.70	191.9	0.0	0.0	0.0
30 DL	7.4	36.5	41.3	0.22	0.006	0.058	0.11	5.46	48.42	51.33	21.07	0.0	0.002	7.3	3.68	12.31	191.9	0.0	0.0	0.0
31 DL	8.0	41.8	37.3	0.28	0.006	0.067	0.10	6.90	48.41	41.89	20.39	0.0	0.002	8.5	3.42	16.26	192.0	0.0	0.0	0.0
32 DL	8.1	39.6	25.4	0.30	0.006	0.063	0.07	7.46	48.40	39.12	20.20	0.0	0.002	7.2	2.71	13.43	192.0	0.0	0.0	0.0
33 DL	8.4	41.0	22.2	0.28	0.007	0.065	0.06	7.07	48.40	40.99	20.33	0.0	0.002	7.4	2.91	5.84	191.9	0.0	0.0	0.0
34 DL	8.9	45.9	30.7	0.27	0.007	0.073	0.08	6.88	48.41	41.90	20.40	0.0	0.003	9.3	3.71	5.43	191.7	0.0	0.0	0.0
35 DL	9.1	45.1	29.9	0.29	0.007	0.072	0.08	7.33	48.40	39.68	20.24	0.0	0.003	9.1	3.46	12.51	191.6	0.0	0.0	0.0
36 DL	9.4	42.8	29.9	0.30	0.007	0.068	0.08	7.64	48.40	38.28	20.14	0.0	0.003	9.4	3.40	7.69	191.7	0.0	0.0	0.0
37 DL	10.4	46.0	42.0	0.33	0.008	0.073	0.11	8.17	48.39	36.09	19.99	0.0	0.003	10.6	3.59	4.48	191.9	0.0	0.0	0.0
38 DL	11.7	52.0	54.2	0.38	0.009	0.083	0.14	9.53	48.40	31.50	19.68	0.0	0.003	11.9	3.46	7.46	192.0	0.0	0.0	0.0
39 DL	12.6	53.2	54.0	0.44	0.010	0.085	0.14	11.14	48.38	27.34	19.41	0.0	0.004	14.2	3.53	10.05	192.1	0.0	0.0	0.0
40 DL	12.2	47.0	38.6	0.47	0.010	0.075	0.10	11.82	48.37	25.91	19.32	0.0	0.004	14.3	3.39	11.78	192.1	0.0	0.0	0.0
41 DL	11.4	38.7	21.8	0.44	0.009	0.062	0.06	10.95	48.37	27.85	19.45	0.0	0.004	13.4	3.43	6.61	192.2	0.0	0.0	0.0
42 DL	10.8	31.6	13.9	0.37	0.009	0.050	0.04	9.32	48.37	32.27	19.73	0.0	0.004	13.3	3.99	2.96	192.3	0.0	0.0	0.0
43 DL	10.3	25.7	15.0	0.31	0.008	0.041	0.04	7.89	48.38	37.44	20.09	0.0	0.004	13.5	4.80	2.06	192.4	0.0	0.0	0.0
44 DL	10.0	23.8	19.1	0.28	0.008	0.038	0.05	7.00	48.37	41.52	20.38	0.0	0.004	13.6	5.43	1.92	192.4	0.0	0.0	0.0
45 DL	10.1	29.3	27.4	0.27	0.008	0.047	0.07	6.71	48.38	42.96	20.48	0.0	0.004	14.2	5.88	2.18	192.4	0.0	0.0	0.0

46	DL	10.4	34.0	32.3	0.28	0.008	0.054	0.08	7.13	48.38	40.75	20.32	0.0	0.004	15.2	5.93	7.43	192.5	0.0	0.0	0.0
47	DL	10.2	31.8	26.3	0.30	0.008	0.051	0.07	7.58	48.37	38.66	20.17	0.0	0.004	14.8	5.47	12.09	192.6	0.0	0.0	0.0
48	DL	9.8	27.0	16.4	0.29	0.008	0.043	0.04	7.29	48.36	40.05	20.27	0.0	0.004	13.8	5.33	6.10	192.6	0.0	0.0	0.0
49	DL	9.4	24.3	9.8	0.25	0.007	0.039	0.03	6.37	48.37	45.07	20.63	0.0	0.003	12.0	5.28	2.63	192.6	0.0	0.0	0.0
50	DL	9.5	29.7	14.5	0.22	0.008	0.047	0.04	5.49	48.38	50.90	21.06	0.0	0.004	12.9	6.50	1.83	192.6	0.0	0.0	0.0
51	DL	10.3	42.2	32.1	0.22	0.008	0.067	0.08	5.58	48.37	50.01	20.98	0.0	0.004	14.1	6.97	4.87	192.7	0.0	0.0	0.0
52	DL	11.0	51.3	45.8	0.28	0.009	0.082	0.12	6.92	48.37	41.67	20.37	0.0	0.004	15.1	6.02	11.51	192.8	0.0	0.0	0.0
53	DL	11.6	56.1	53.8	0.34	0.009	0.089	0.14	8.60	48.37	34.45	19.87	0.0	0.004	16.0	5.14	9.51	192.9	0.0	0.0	0.0
54	DL	12.2	55.6	56.5	0.40	0.010	0.089	0.15	10.07	48.37	29.91	19.57	0.0	0.005	17.1	4.71	7.86	193.0	0.0	0.0	0.0
55	DL	12.2	48.4	47.9	0.44	0.010	0.077	0.13	11.09	48.35	27.44	19.42	0.0	0.005	17.5	4.41	7.80	192.9	0.0	0.0	0.0
56	DL	12.1	40.9	38.4	0.45	0.010	0.065	0.10	11.20	48.35	27.24	19.41	0.0	0.005	17.7	4.41	3.97	192.9	0.0	0.0	0.0
57	DL	12.3	38.0	39.3	0.43	0.010	0.061	0.10	10.85	48.36	28.04	19.46	0.0	0.005	18.0	4.64	2.46	192.9	0.0	0.0	0.0
58	DL	12.8	36.1	43.7	0.43	0.010	0.057	0.11	10.87	48.36	28.02	19.46	0.0	0.005	19.0	4.87	3.68	193.0	0.0	0.0	0.0
59	DL	13.0	31.4	36.9	0.44	0.010	0.050	0.10	11.07	48.35	27.57	19.43	0.0	0.005	19.1	4.83	5.33	193.0	0.0	0.0	0.0
60	DL	12.7	26.2	23.4	0.42	0.010	0.042	0.06	10.56	48.33	28.81	19.51	0.0	0.005	18.6	4.96	3.01	193.1	0.0	0.0	0.0
61	DL	12.4	21.8	12.4	0.37	0.010	0.035	0.03	9.27	48.34	32.46	19.75	0.0	0.005	17.9	5.40	1.91	193.1	0.0	0.0	0.0
62	DL	11.9	17.7	6.7	0.30	0.009	0.028	0.02	7.61	48.33	38.75	20.18	0.0	0.005	17.3	6.37	1.25	193.1	0.0	0.0	0.0
63	DL	10.9	14.5	4.3	0.24	0.009	0.023	0.01	5.95	48.35	48.00	20.84	0.0	0.005	16.3	7.73	0.91	193.2	0.0	0.0	0.0
64	DL	10.0	12.7	3.7	0.18	0.008	0.020	0.01	4.61	48.35	59.30	21.72	0.0	0.004	14.4	8.75	0.75	193.2	0.0	0.0	0.0
65	DL	9.5	12.8	4.6	0.15	0.008	0.020	0.01	3.73	48.35	70.01	22.63	0.0	0.004	14.5	10.88	0.81	193.3	0.0	0.0	0.0
66	DL	9.9	17.3	11.6	0.13	0.008	0.028	0.03	3.33	48.35	76.08	23.18	0.0	0.004	14.5	12.02	1.27	193.4	0.0	0.0	0.0
67	DL	10.5	26.3	22.1	0.15	0.008	0.042	0.06	3.68	48.34	70.24	22.63	0.0	0.004	15.6	11.69	4.44	193.5	0.0	0.0	0.0
68	DL	10.8	33.1	22.8	0.18	0.009	0.053	0.06	4.55	48.35	59.29	21.71	0.0	0.004	14.1	8.65	11.25	193.6	0.0	0.0	0.0
69	DL	10.8	38.5	18.5	0.20	0.009	0.061	0.05	5.02	48.35	54.52	21.34	0.0	0.004	13.5	7.35	11.22	193.7	0.0	0.0	0.0
70	DL	10.5	44.1	20.7	0.20	0.008	0.070	0.05	5.13	48.35	53.48	21.25	0.0	0.004	14.6	7.86	7.94	193.7	0.0	0.0	0.0
71	DL	10.0	43.4	17.7	0.21	0.008	0.069	0.05	5.31	48.35	52.02	21.14	0.0	0.004	13.6	7.07	13.98	193.6	0.0	0.0	0.0
72	DL	9.6	37.5	10.9	0.20	0.008	0.060	0.03	5.10	48.35	53.90	21.29	0.0	0.004	13.3	7.21	7.95	193.5	0.0	0.0	0.0
73	DL	9.1	31.4	10.5	0.18	0.007	0.050	0.03	4.52	48.34	59.54	21.74	0.0	0.004	13.4	8.23	3.64	193.4	0.0	0.0	0.0
74	DL	8.8	26.4	12.1	0.16	0.007	0.042	0.03	4.13	48.35	64.18	22.13	0.0	0.003	9.9	6.79	3.97	193.5	0.0	0.0	0.0
75	DL	8.6	22.9	9.9	0.15	0.007	0.036	0.03	3.81	48.35	68.39	22.49	0.0	0.002	7.1	5.26	3.62	193.5	0.0	0.0	0.0
76	DL	8.7	24.6	14.6	0.14	0.007	0.039	0.04	3.52	48.35	72.65	22.86	0.0	0.002	7.4	5.70	2.52	193.6	0.0	0.0	0.0
77	DL	9.2	32.9	29.1	0.15	0.007	0.052	0.08	3.85	48.36	67.72	22.41	0.0	0.003	9.3	6.63	4.57	193.7	0.0	0.0	0.0
78	DL	9.8	39.8	36.5	0.20	0.008	0.064	0.10	5.07	48.36	54.33	21.30	0.0	0.003	10.6	5.75	14.51	193.9	0.0	0.0	0.0
79	DL	9.8	40.6	31.3	0.25	0.008	0.065	0.08	6.21	48.35	45.71	20.67	0.0	0.003	10.8	4.85	17.04	194.0	0.0	0.0	0.0
80	DL	9.5	36.0	21.2	0.26	0.007	0.057	0.06	6.50	48.35	44.03	20.55	0.0	0.003	10.2	4.34	12.39	194.0	0.0	0.0	0.0
81	DL	9.0	29.6	13.0	0.24	0.007	0.047	0.03	5.95	48.36	47.60	20.81	0.0	0.003	9.8	4.61	5.89	193.9	0.0	0.0	0.0
82	DL	8.7	24.7	11.4	0.20	0.007	0.039	0.03	5.12	48.36	54.11	21.31	0.0	0.003	9.6	5.18	3.23	193.8	0.0	0.0	0.0
83	DL	8.6	21.8	15.1	0.18	0.007	0.035	0.04	4.59	48.35	59.12	21.71	0.0	0.003	10.6	6.38	2.72	193.8	0.0	0.0	0.0
84	DL	8.5	20.3	19.3	0.18	0.007	0.032	0.05	4.48	48.35	60.31	21.81	0.0	0.003	9.9	6.25	4.29	193.8	0.0	0.0	0.0
85	DL	8.6	22.7	18.9	0.18	0.007	0.036	0.05	4.56	48.36	59.36	21.73	0.0	0.002	7.2	4.43	5.25	193.9	0.0	0.0	0.0
86	DL	9.2	40.7	28.8	0.19	0.007	0.065	0.08	4.72	48.36	57.38	21.56	0.0	0.003	9.2	5.36	3.95	193.9	0.0	0.0	0.0
87	DL	10.6	75.2	51.3	0.23	0.008	0.120	0.13	5.84	48.37	47.85	20.79	0.0	0.003	9.9	4.59	9.26	194.0	0.0	0.0	0.0
88	DL	12.4	112.6	77.8	0.34	0.010	0.179	0.20	8.56	48.37	34.39	19.83	0.0	0.003	12.0	3.80	18.12	194.1	0.0	0.0	0.0
89	DL	14.4	135.4	127.2	0.50	0.011	0.216	0.33	12.55	48.37	24.36	19.19	0.0	0.004	15.3	3.31	20.89	194.1	0.0	0.0	0.0
90	DL	15.8	128.7	158.7	0.68	0.013	0.205	0.42	17.15	48.37	18.24	18.83	0.0	0.005	18.3	2.93	27.12	194.2	0.0	0.0	0.0
91	DL	15.8	103.7	110.4	0.80	0.012	0.165	0.29	20.16	48.32	15.67	18.68	0.0	0.006	19.9	2.75	24.37	194.2	0.0	0.0	0.0
92	DL	14.6	80.0	60.3	0.78	0.012	0.127	0.16	19.47	48.29	16.23	18.72	0.0	0.006	20.1	2.89	12.18	194.2	0.0	0.0	0.0
93	DL	13.3	70.2	47.4	0.67	0.011	0.112	0.12	16.89	48.30	18.59	18.86	0.0	0.006	20.4	3.37	5.51	194.2	0.0	0.0	0.0
94	DL	12.6	85.5	57.4	0.60	0.010	0.136	0.15	14.93	48.31	20.77	18.99	0.0	0.006	21.0	3.93	4.00	194.2	0.0	0.0	0.0
95	DL	12.6	121.5	74.8	0.59	0.010	0.194	0.20	14.73	48.33	20.92	18.99	0.0	0.006	21.2	3.96	8.55	194.2	0.0	0.0	0.0
96	DL	13.1	156.1	108.7	0.65	0.010	0.249	0.28	16.38	48.34	18.91	18.86	0.0	0.006	23.5	3.93	15.02	194.2	0.0	0.0	0.0
97	DL	14.3	166.5	166.7	0.78	0.011	0.265	0.44	19.56	48.34	16.04	18.69	0.0	0.007	25.7	3.61	13.60	194.4	0.0	0.0	0.0
98	DL	15.8	151.1	207.3	0.95	0.012	0.241	0.54	23.70	48.33	13.42	18.54	0.0	0.008	28.0	3.27	13.01	194.6	0.0	0.0	0.0
99	DL	16.8	125.6	202.7	1.09	0.013	0.200	0.53	27.40	48.30	11.69	18.45	0.0	0.008	30.1	3.05	14.01	194.7	0.0	0.0	0.0
100	DL	16.6	101.4	136.1	1.13	0.013	0.161	0.36	28.34	48.26	11.33	18.43	0.0	0.009	30.9	3.06	11.54	194.8	0.0	0.0	0.0
101	DL	16.1	84.1	75.5	1.03	0.013	0.134	0.20	25.65	48.25	12.50	18.50	0.0	0.009	30.8	3.36	6.56	194.9	0.0	0.0	0.0
102	DL	15.3	75.2	63.0	0.87	0.012	0.120	0.16	21.84	48.27	14.58	18.62	0.0	0.009	31.3	4.00	4.36	194.9	0.0	0.0	0.0
103	DL	14.3	70.6	57.6	0.75	0.011	0.112	0.15	18.88	48.28	16.73	18.75	0.0	0.009	31.6	4.68	5.06	194.9	0.0	0.0	0.0
104	DL	13.2	63.4	43.1	0.67	0.010	0.101	0.11	16.72	48.30	18.76	18.87	0.0	0.009	30.7	5.13	6.46	194.9	0.0	0.0	0.0

105 DL	12.5	53.3	23.2	0.58	0.010	0.085	0.06	14.45	48.29	21.55	19.04	0.0	0.008	30.1	5.83	4.34	195.0	0.0	0.0	0.0
106 DL	12.0	44.1	13.1	0.47	0.010	0.070	0.03	11.71	48.30	26.22	19.33	0.0	0.008	29.7	7.09	1.90	195.1	0.0	0.0	0.0
107 DL	11.8	39.0	16.4	0.37	0.009	0.062	0.04	9.31	48.30	32.22	19.73	0.0	0.008	29.9	8.95	1.32	195.1	0.0	0.0	0.0
108 DL	11.5	39.1	28.9	0.33	0.009	0.062	0.08	8.18	48.31	36.06	19.99	0.0	0.008	30.2	10.27	2.35	195.3	0.0	0.0	0.0
109 DL	11.2	43.7	40.1	0.33	0.009	0.070	0.11	8.20	48.31	35.91	19.98	0.0	0.008	30.4	10.32	5.33	195.3	0.0	0.0	0.0
110 DL	11.0	50.0	47.3	0.35	0.009	0.080	0.12	8.77	48.32	33.82	19.84	0.0	0.009	30.7	9.73	7.82	195.3	0.0	0.0	0.0
111 DL	10.8	55.3	50.5	0.38	0.008	0.088	0.13	9.47	48.32	31.55	19.68	0.0	0.009	31.0	9.09	8.55	195.5	0.0	0.0	0.0
112 DL	10.5	57.2	49.8	0.40	0.008	0.091	0.13	10.07	48.33	29.87	19.57	0.0	0.009	31.1	8.61	8.68	195.5	0.0	0.0	0.0
113 DL	10.2	65.1	50.5	0.42	0.008	0.104	0.13	10.39	48.32	28.98	19.51	0.0	0.009	31.1	8.31	7.63	195.6	0.0	0.0	0.0
114 DL	10.6	90.7	62.2	0.44	0.008	0.144	0.16	10.93	48.33	27.57	19.41	0.0	0.009	31.1	7.86	5.55	195.6	0.0	0.0	0.0
115 DL	11.4	127.6	84.3	0.50	0.009	0.203	0.22	12.49	48.33	24.33	19.20	0.0	0.009	32.4	7.13	13.36	195.7	0.0	0.0	0.0
116 DL	12.0	148.1	116.1	0.61	0.010	0.236	0.30	15.19	48.34	20.31	18.95	0.0	0.009	33.8	6.11	14.99	195.8	0.0	0.0	0.0
117 DL	12.3	135.2	105.9	0.72	0.010	0.215	0.28	18.10	48.33	17.28	18.77	0.0	0.010	34.5	5.28	12.33	195.8	0.0	0.0	0.0
118 DL	12.1	108.1	66.3	0.75	0.010	0.172	0.17	18.74	48.29	16.76	18.75	0.0	0.010	34.5	5.13	6.22	195.9	0.0	0.0	0.0
119 DL	11.7	82.8	33.1	0.67	0.009	0.132	0.09	16.83	48.29	18.62	18.86	0.0	0.009	33.3	5.52	3.17	195.9	0.0	0.0	0.0
120 DL	11.0	62.3	14.8	0.55	0.009	0.099	0.04	13.66	48.30	22.72	19.11	0.0	0.009	31.5	6.48	1.67	195.9	0.0	0.0	0.0
121 DL	10.0	47.9	8.2	0.42	0.008	0.076	0.02	10.42	48.31	29.18	19.52	0.0	0.008	27.9	7.50	1.07	195.9	0.0	0.0	0.0
122 DL	9.1	37.7	6.0	0.32	0.007	0.060	0.02	7.97	48.33	37.06	20.05	0.0	0.007	24.4	8.61	0.88	195.9	0.0	0.0	0.0
123 DL	8.2	29.8	4.9	0.25	0.006	0.047	0.01	6.28	48.32	45.60	20.66	0.0	0.006	21.0	9.39	0.85	196.0	0.0	0.0	0.0
124 DL	7.5	24.0	5.3	0.20	0.006	0.038	0.01	4.97	48.34	55.54	21.41	0.0	0.005	17.6	9.99	0.78	196.0	0.0	0.0	0.0
125 DL	7.0	20.6	7.0	0.16	0.006	0.033	0.02	4.04	48.34	65.53	22.24	0.0	0.004	14.6	10.17	1.02	196.1	0.0	0.0	0.0
126 DL	6.9	18.0	8.6	0.14	0.005	0.029	0.02	3.57	48.35	72.18	22.82	0.0	0.003	11.1	8.81	1.41	196.1	0.0	0.0	0.0
127 DL	6.9	15.6	10.9	0.13	0.005	0.025	0.03	3.37	48.36	75.53	23.13	0.0	0.003	9.0	7.49	2.05	196.2	0.0	0.0	0.0
128 DL	6.9	13.7	10.5	0.13	0.005	0.022	0.03	3.26	48.35	77.59	23.32	0.0	0.002	7.7	6.68	2.63	196.3	0.0	0.0	0.0
129 DL	6.9	12.4	11.0	0.13	0.005	0.020	0.03	3.15	48.37	79.59	23.51	0.0	0.002	6.0	5.39	2.11	196.4	0.0	0.0	0.0
130 DL	6.9	11.2	12.2	0.13	0.005	0.018	0.03	3.14	48.37	79.83	23.54	0.0	0.001	4.3	3.93	2.10	196.5	0.0	0.0	0.0
131 DL	6.8	9.9	13.4	0.13	0.005	0.016	0.04	3.17	48.36	79.26	23.48	0.0	0.001	2.9	2.66	2.35	196.5	0.0	0.0	0.0
132 DL	6.6	9.1	13.7	0.13	0.005	0.014	0.04	3.22	48.37	78.57	23.42	0.0	0.001	1.9	1.66	2.54	196.4	0.0	0.0	0.0
133 DL	6.5	8.6	14.1	0.13	0.005	0.014	0.04	3.25	48.37	78.06	23.37	0.0	0.000	0.3	0.32	2.77	196.4	0.0	0.0	0.0
134 DL	6.4	8.0	15.0	0.13	0.005	0.013	0.04	3.31	48.39	77.02	23.28	0.0	0.000	0.0	0.01	3.01	196.3	0.0	0.0	0.0
135 DL	6.2	7.5	15.8	0.13	0.005	0.012	0.04	3.38	48.37	75.77	23.16	0.0	0.000	0.0	1.21	3.12	196.2	0.0	0.0	0.0
136 DL	6.1	7.3	16.2	0.14	0.005	0.012	0.04	3.44	48.38	74.77	23.07	0.0	0.000	0.0	1.23	3.28	196.2	0.0	0.0	0.0
137 DL	6.0	7.1	16.3	0.14	0.005	0.011	0.04	3.50	48.39	73.73	22.98	0.0	0.000	0.0	1.25	3.38	196.1	0.0	0.0	0.0
138 DL	5.9	6.8	16.6	0.14	0.005	0.011	0.04	3.56	48.39	72.92	22.90	0.0	0.000	0.0	1.27	3.35	196.0	0.0	0.0	0.0
139 DL	5.8	6.6	16.7	0.14	0.005	0.010	0.04	3.60	48.39	72.31	22.85	0.0	0.000	0.0	1.28	3.30	196.0	0.0	0.0	0.0
140 DL	5.7	6.5	16.8	0.14	0.005	0.010	0.04	3.63	48.40	71.88	22.81	0.0	0.000	0.0	1.29	3.37	196.0	0.0	0.0	0.0
141 DL	5.6	6.3	16.4	0.15	0.004	0.010	0.04	3.65	48.40	71.58	22.78	0.0	0.000	0.0	1.30	3.47	195.9	0.0	0.0	0.0
142 DL	5.5	6.2	16.6	0.15	0.004	0.010	0.04	3.67	48.40	71.29	22.76	0.0	0.000	0.0	1.31	3.54	195.8	0.0	0.0	0.0
143 DL	5.5	6.0	16.7	0.15	0.004	0.010	0.04	3.68	48.40	71.11	22.74	0.0	0.000	0.0	1.31	3.46	195.7	0.0	0.0	0.0
144 DL	5.4	5.9	16.7	0.15	0.004	0.009	0.04	3.68	48.40	71.15	22.74	0.0	0.000	0.0	1.31	3.28	195.7	0.0	0.0	0.0
145 DL	5.3	5.8	16.6	0.15	0.004	0.009	0.04	3.67	48.41	71.28	22.76	0.0	0.000	0.0	1.31	3.40	195.7	0.0	0.0	0.0
146 DL	5.3	5.7	16.6	0.15	0.004	0.009	0.04	3.67	48.40	71.25	22.75	0.0	0.000	0.0	1.31	3.46	195.7	0.0	0.0	0.0
147 DL	5.2	5.6	16.7	0.15	0.004	0.009	0.04	3.68	48.41	71.17	22.75	0.0	0.000	0.0	1.31	3.33	195.7	0.0	0.0	0.0
148 DL	5.2	5.5	16.5	0.15	0.004	0.009	0.04	3.68	48.41	71.14	22.74	0.0	0.000	0.0	1.31	3.31	195.8	0.0	0.0	0.0
149 DL	5.2	5.5	16.7	0.15	0.004	0.009	0.04	3.68	48.42	71.15	22.74	0.0	0.000	0.0	1.31	3.37	195.8	0.0	0.0	0.0
150 DL	5.1	5.5	16.5	0.15	0.004	0.009	0.04	3.69	48.41	71.03	22.73	0.0	0.000	0.0	1.31	3.32	195.9	0.0	0.0	0.0
151 DL	5.1	5.5	16.4	0.15	0.004	0.009	0.04	3.69	48.41	71.03	22.73	0.0	0.000	0.0	1.31	3.33	196.0	0.0	0.0	0.0
152 DL	5.0	5.5	16.5	0.15	0.004	0.009	0.04	3.69	48.42	71.03	22.73	0.0	0.000	0.0	1.31	3.23	195.9	0.0	0.0	0.0
153 DL	5.0	5.4	16.4	0.15	0.004	0.009	0.04	3.69	48.42	71.04	22.74	0.0	0.000	0.0	1.31	3.34	195.8	0.0	0.0	0.0
154 DL	5.0	5.3	16.5	0.15	0.004	0.008	0.04	3.68	48.42	71.16	22.75	0.0	0.000	0.0	1.31	3.42	195.8	0.0	0.0	0.0
155 DL	4.9	5.2	16.5	0.15	0.004	0.008	0.04	3.68	48.41	71.17	22.75	0.0	0.000	0.0	1.31	3.42	195.8	0.0	0.0	0.0
156 DL	4.9	5.2	16.5	0.15	0.004	0.008	0.04	3.69	48.41	71.02	22.73	0.0	0.000	0.0	1.31	3.33	195.8	0.0	0.0	0.0
157 DL	4.9	5.2	16.6	0.15	0.004	0.008	0.04	3.69	48.41	70.99	22.73	0.0	0.000	0.0	1.31	3.43	195.8	0.0	0.0	0.0
158 DL	4.9	5.2	16.2	0.15	0.004	0.008	0.04	3.69	48.41	71.02	22.73	0.0	0.000	0.0	1.31	3.32	195.8	0.0	0.0	0.0
159 DL	4.8	5.1	16.4	0.15	0.004	0.008	0.04	3.69	48.42	70.93	22.73	0.0	0.000	0.0	1.32	3.29	195.8	0.0	0.0	0.0
160 DL	4.8	5.1	16.4	0.15	0.004	0.008	0.04	3.70	48.41	70.87	22.72	0.0	0.000	0.0	1.32	3.13	195.8	0.0	0.0	0.0
161 DL	4.8	5.0	16.3	0.15	0.004	0.008	0.04	3.70	48.42	70.88	22.72	0.0	0.000	0.0	1.32	3.29	195.8	0.0	0.0	0.0
162 DL	4.8	4.9	16.4	0.15	0.004	0.008	0.04	3.69	48.41	70.97	22.73	0.0	0.000	0.0	1.31	3.22	195.8	0.0	0.0	0.0
163 DL	4.7	4.9	16.4	0.15	0.004	0.008	0.04	3.69	48.42	70.94	22.73	0.0	0.000	0.0	1.31	3.25	195.8	0.0	0.0	0.0

164	DL	4.7	4.9	16.6	0.15	0.004	0.008	0.04	3.70	48.41	70.79	22.71	0.0	0.000	0.0	1.32	3.30	195.8	0.0	0.0	0.0
165	DL	4.7	4.9	16.5	0.15	0.004	0.008	0.04	3.72	48.41	70.59	22.70	0.0	0.000	0.0	1.32	3.24	195.8	0.0	0.0	0.0
166	DL	4.7	4.8	16.4	0.15	0.004	0.008	0.04	3.71	48.42	70.71	22.71	0.0	0.000	0.0	1.32	3.20	195.8	0.0	0.0	0.0
167	DL	4.7	4.8	16.3	0.15	0.004	0.008	0.04	3.71	48.42	70.77	22.71	0.0	0.000	0.0	1.32	3.19	195.8	0.0	0.0	0.0
168	DL	4.7	4.9	16.3	0.15	0.004	0.008	0.04	3.71	48.42	70.74	22.71	0.0	0.000	0.0	1.32	3.22	195.8	0.0	0.0	0.0
169	DL	4.7	4.9	16.3	0.15	0.004	0.008	0.04	3.71	48.42	70.71	22.71	0.0	0.000	0.0	1.32	3.23	195.8	0.0	0.0	0.0
170	DL	4.6	5.0	16.3	0.15	0.004	0.008	0.04	3.72	48.43	70.59	22.70	0.0	0.000	0.0	1.32	3.28	195.7	0.0	0.0	0.0
171	DL	4.6	5.0	16.4	0.15	0.004	0.008	0.04	3.73	48.43	70.50	22.69	0.0	0.000	0.0	1.33	3.37	195.7	0.0	0.0	0.0
172	DL	4.6	4.9	16.3	0.15	0.004	0.008	0.04	3.73	48.42	70.44	22.68	0.0	0.000	0.0	1.33	3.29	195.6	0.0	0.0	0.0
173	DL	4.6	4.8	16.3	0.15	0.004	0.008	0.04	3.73	48.41	70.39	22.68	0.0	0.000	0.0	1.33	3.28	195.7	0.0	0.0	0.0
174	DL	4.6	4.7	16.3	0.15	0.004	0.008	0.04	3.74	48.42	70.36	22.68	0.0	0.000	0.0	1.33	3.31	195.7	0.0	0.0	0.0
175	DL	4.6	4.7	16.3	0.15	0.004	0.008	0.04	3.73	48.41	70.39	22.68	0.0	0.000	0.0	1.33	3.23	195.7	0.0	0.0	0.0
176	DL	4.6	4.7	16.3	0.15	0.004	0.008	0.04	3.74	48.41	70.33	22.67	0.0	0.000	0.0	1.33	3.22	195.7	0.0	0.0	0.0
177	DL	4.6	4.8	16.2	0.15	0.004	0.008	0.04	3.74	48.42	70.30	22.67	0.0	0.000	0.0	1.33	3.32	195.7	0.0	0.0	0.0
178	DL	4.6	4.8	16.4	0.15	0.004	0.008	0.04	3.74	48.42	70.30	22.67	0.0	0.000	0.0	1.33	3.47	195.7	0.0	0.0	0.0
179	DL	4.5	4.8	16.4	0.15	0.004	0.008	0.04	3.74	48.41	70.24	22.67	0.0	0.000	0.0	1.33	3.35	195.7	0.0	0.0	0.0
180	DL	4.5	4.8	16.3	0.15	0.004	0.008	0.04	3.75	48.42	70.15	22.66	0.0	0.000	0.0	1.33	3.24	195.7	0.0	0.0	0.0
181	DL	4.5	4.7	16.1	0.15	0.004	0.007	0.04	3.75	48.42	70.22	22.66	0.0	0.000	0.0	1.33	3.05	195.7	0.0	0.0	0.0
182	DL	4.5	4.5	15.6	0.15	0.004	0.007	0.04	3.72	48.42	70.64	22.70	0.0	0.000	0.0	1.32	3.03	195.7	0.0	0.0	0.0
183	DL	4.5	4.5	15.4	0.15	0.004	0.007	0.04	3.67	48.42	71.30	22.76	0.0	0.000	0.0	1.31	2.94	195.8	0.0	0.0	0.0
184	DL	4.4	4.5	15.4	0.15	0.004	0.007	0.04	3.64	48.42	71.79	22.80	0.0	0.000	0.0	1.29	2.96	195.8	0.0	0.0	0.0
185	DL	4.4	4.5	15.5	0.14	0.003	0.007	0.04	3.61	48.42	72.19	22.84	0.0	0.000	0.0	1.29	3.20	195.8	0.0	0.0	0.0
186	DL	4.4	4.4	15.2	0.14	0.003	0.007	0.04	3.60	48.42	72.48	22.86	0.0	0.000	0.0	1.28	3.11	195.8	0.0	0.0	0.0
187	DL	4.4	4.3	15.2	0.14	0.003	0.007	0.04	3.58	48.42	72.70	22.88	0.0	0.000	0.0	1.27	3.03	195.8	0.0	0.0	0.0
188	DL	4.4	4.3	15.2	0.14	0.003	0.007	0.04	3.57	48.42	72.86	22.90	0.0	0.000	0.0	1.27	3.12	195.9	0.0	0.0	0.0
189	DL	4.4	4.3	15.4	0.14	0.003	0.007	0.04	3.57	48.41	72.92	22.90	0.0	0.000	0.0	1.27	3.05	195.9	0.0	0.0	0.0
190	DL	4.4	4.3	15.2	0.14	0.003	0.007	0.04	3.57	48.42	72.92	22.90	0.0	0.000	0.0	1.27	3.09	196.0	0.0	0.0	0.0
191	DL	4.4	4.3	15.2	0.14	0.003	0.007	0.04	3.56	48.41	73.08	22.92	0.0	0.000	0.0	1.27	3.10	196.0	0.0	0.0	0.0
192	DL	4.4	4.3	15.3	0.14	0.003	0.007	0.04	3.55	48.41	73.27	22.94	0.0	0.000	0.0	1.26	3.16	196.0	0.0	0.0	0.0
193	DL	4.4	4.3	15.1	0.14	0.003	0.007	0.04	3.54	48.41	73.43	22.95	0.0	0.000	0.0	1.26	3.20	196.0	0.0	0.0	0.0
194	DL	4.4	4.4	15.0	0.14	0.003	0.007	0.04	3.54	48.41	73.40	22.95	0.0	0.000	0.0	1.26	3.10	196.0	0.0	0.0	0.0
195	DL	4.3	4.3	15.1	0.14	0.003	0.007	0.04	3.53	48.41	73.49	22.96	0.0	0.000	0.0	1.26	3.17	196.0	0.0	0.0	0.0
196	DL	4.3	4.3	15.1	0.14	0.003	0.007	0.04	3.53	48.41	73.53	22.96	0.0	0.000	0.0	1.26	3.08	196.0	0.0	0.0	0.0
197	DL	4.3	4.3	14.9	0.14	0.003	0.007	0.04	3.53	48.40	73.56	22.96	0.0	0.000	0.0	1.25	2.96	196.0	0.0	0.0	0.0
198	DL	4.3	4.3	15.1	0.14	0.003	0.007	0.04	3.53	48.40	73.56	22.96	0.0	0.000	0.0	1.25	2.97	196.0	0.0	0.0	0.0
199	DL	4.3	4.3	15.3	0.14	0.003	0.007	0.04	3.53	48.40	73.56	22.96	0.0	0.000	0.0	1.25	2.98	196.1	0.0	0.0	0.0
200	DL	4.3	4.2	15.0	0.14	0.003	0.007	0.04	3.53	48.42	73.53	22.96	0.0	0.000	0.0	1.26	3.01	196.1	0.0	0.0	0.0
201	DL	4.3	4.7	15.8	0.14	0.003	0.008	0.04	3.54	48.41	73.29	22.94	0.0	0.000	0.0	1.26	3.01	196.2	0.0	0.0	0.0
202	DL	4.5	7.7	20.0	0.15	0.004	0.012	0.05	3.66	48.41	71.35	22.76	0.0	0.000	1.4	0.96	2.97	196.2	0.0	0.0	0.0
203	DL	4.9	13.4	27.7	0.16	0.004	0.021	0.07	4.11	48.41	65.02	22.20	0.0	0.001	4.3	2.91	4.21	196.3	0.0	0.0	0.0
204	DL	5.3	16.6	30.9	0.20	0.004	0.027	0.08	4.93	48.41	56.08	21.47	0.0	0.002	5.5	3.08	8.76	196.4	0.0	0.0	0.0
205	DL	5.4	15.7	25.7	0.22	0.004	0.025	0.07	5.56	48.39	50.70	21.06	0.0	0.002	5.9	2.94	7.52	196.3	0.0	0.0	0.0
206	DL	5.3	13.2	19.3	0.22	0.004	0.021	0.05	5.61	48.39	50.38	21.03	0.0	0.002	5.7	2.85	3.93	196.2	0.0	0.0	0.0
207	DL	5.2	10.9	13.7	0.21	0.004	0.017	0.04	5.22	48.39	53.58	21.28	0.0	0.001	4.8	2.64	2.47	196.1	0.0	0.0	0.0
208	DL	5.1	9.3	10.1	0.18	0.004	0.015	0.03	4.62	48.40	59.26	21.73	0.0	0.001	3.1	1.89	1.80	196.1	0.0	0.0	0.0
209	DL	5.1	7.9	9.8	0.16	0.004	0.013	0.03	4.07	48.40	65.72	22.27	0.0	0.000	1.5	1.10	1.99	196.2	0.0	0.0	0.0
210	DL	5.0	6.9	11.8	0.15	0.004	0.011	0.03	3.70	48.40	70.84	22.72	0.0	0.000	0.2	0.14	2.45	196.3	0.0	0.0	0.0
211	DL	4.9	6.2	13.4	0.14	0.004	0.010	0.04	3.52	48.40	73.56	22.96	0.0	0.000	0.0	0.01	2.65	196.5	0.0	0.0	0.0
212	DL	4.8	5.8	14.2	0.14	0.004	0.009	0.04	3.47	48.39	74.42	23.04	0.0	0.000	0.0	1.24	2.93	196.5	0.0	0.0	0.0
213	DL	4.7	5.5	14.6	0.14	0.004	0.009	0.04	3.47	48.40	74.41	23.04	0.0	0.000	0.0	1.24	3.23	196.6	0.0	0.0	0.0
214	DL	4.6	5.2	14.7	0.14	0.004	0.008	0.04	3.48	48.39	74.26	23.02	0.0	0.000	0.0	1.24	3.22	196.7	0.0	0.0	0.0
215	DL	4.6	5.1	15.0	0.14	0.004	0.008	0.04	3.50	48.40	74.04	23.01	0.0	0.000	0.0	1.24	3.13	196.7	0.0	0.0	0.0
216	DL	4.5	4.9	14.9	0.14	0.004	0.008	0.04	3.50	48.39	74.01	23.00	0.0	0.000	0.0	1.24	3.05	196.7	0.0	0.0	0.0
217	DL	4.5	4.9	14.7	0.14	0.004	0.008	0.04	3.50	48.40	74.02	23.00	0.0	0.000	0.0	1.24	2.96	196.7	0.0	0.0	0.0
218	DL	4.4	4.9	15.0	0.14	0.003	0.008	0.04	3.50	48.39	74.02	23.00	0.0	0.000	0.0	1.24	3.03	196.7	0.0	0.0	0.0
219	DL	4.4	4.8	15.3	0.14	0.003	0.008	0.04	3.51	48.39	73.86	22.99	0.0	0.000	0.0	1.25	3.06	196.8	0.0	0.0	0.0
220	DL	4.4	4.6	15.1	0.14	0.003	0.007	0.04	3.51	48.39	73.77	22.98	0.0	0.000	0.0	1.25	3.04	196.8	0.0	0.0	0.0
221	DL	4.4	4.5	15.2	0.14	0.003	0.007	0.04	3.52	48.39	73.68	22.97	0.0	0.000	0.0	1.25	3.13	196.8	0.0	0.0	0.0
222	DL	4.3	4.5	15.2	0.14	0.003	0.007	0.04	3.52	48.39	73.68	22.97	0.0	0.000	0.0	1.25	3.10	196.8	0.0	0.0	0.0

223	DL	4.3	4.4	15.2	0.14	0.003	0.007	0.04	3.52	48.39	73.72	22.98	0.0	0.000	0.0	1.25	3.08	196.7	0.0	0.0	0.0
224	DL	4.3	4.5	15.0	0.14	0.003	0.007	0.04	3.52	48.40	73.62	22.97	0.0	0.000	0.0	1.25	3.12	196.7	0.0	0.0	0.0
225	DL	4.3	4.5	15.0	0.14	0.003	0.007	0.04	3.52	48.39	73.59	22.96	0.0	0.000	0.0	1.25	3.08	196.7	0.0	0.0	0.0
226	DL	4.3	4.4	14.9	0.14	0.003	0.007	0.04	3.52	48.39	73.72	22.98	0.0	0.000	0.0	1.25	3.12	196.6	0.0	0.0	0.0
227	DL	4.3	4.4	15.1	0.14	0.003	0.007	0.04	3.52	48.39	73.72	22.98	0.0	0.000	0.0	1.25	3.07	196.6	0.0	0.0	0.0
228	DL	4.3	4.4	15.1	0.14	0.003	0.007	0.04	3.52	48.39	73.62	22.97	0.0	0.000	0.0	1.25	3.06	196.5	0.0	0.0	0.0
229	DL	4.2	4.4	15.0	0.14	0.003	0.007	0.04	3.53	48.38	73.50	22.96	0.0	0.000	0.0	1.26	3.02	196.5	0.0	0.0	0.0
230	DL	4.2	4.4	15.4	0.14	0.003	0.007	0.04	3.54	48.38	73.30	22.94	0.0	0.000	0.6	0.33	2.94	196.4	0.0	0.0	0.0
231	DL	4.3	4.5	15.8	0.14	0.003	0.007	0.04	3.57	48.39	72.89	22.90	0.0	0.001	2.7	2.07	3.05	196.4	0.0	0.0	0.0
232	DL	4.3	4.4	15.8	0.14	0.003	0.007	0.04	3.59	48.39	72.51	22.87	0.0	0.001	1.9	1.58	3.12	196.4	0.0	0.0	0.0
233	DL	4.2	4.3	15.4	0.14	0.003	0.007	0.04	3.60	48.39	72.45	22.86	0.0	0.000	0.3	0.27	3.20	196.4	0.0	0.0	0.0
234	DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.57	48.39	72.80	22.89	0.0	0.000	0.0	0.02	2.95	196.3	0.0	0.0	0.0
235	DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.54	48.39	73.41	22.95	0.0	0.000	0.0	1.26	2.97	196.3	0.0	0.0	0.0
236	DL	4.2	4.2	14.7	0.14	0.003	0.007	0.04	3.51	48.39	73.83	22.99	0.0	0.000	0.0	1.25	3.05	196.2	0.0	0.0	0.0
237	DL	4.2	4.2	14.9	0.14	0.003	0.007	0.04	3.50	48.38	73.99	23.00	0.0	0.000	0.0	1.24	3.07	196.3	0.0	0.0	0.0
238	DL	4.2	4.2	15.1	0.14	0.003	0.007	0.04	3.50	48.38	74.06	23.01	0.0	0.000	0.0	1.24	3.08	196.4	0.0	0.0	0.0
239	DL	4.2	4.2	15.0	0.14	0.003	0.007	0.04	3.50	48.39	74.05	23.01	0.0	0.000	0.0	1.24	3.07	196.5	0.0	0.0	0.0
240	DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.50	48.38	74.05	23.01	0.0	0.000	0.0	1.24	3.14	196.5	0.0	0.0	0.0
241	DL	4.2	4.3	14.9	0.14	0.003	0.007	0.04	3.50	48.39	74.05	23.01	0.0	0.000	0.0	1.24	3.08	196.5	0.0	0.0	0.0
242	DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.49	48.39	74.12	23.01	0.0	0.000	0.0	1.24	3.16	196.4	0.0	0.0	0.0
243	DL	4.2	4.4	14.9	0.14	0.003	0.007	0.04	3.49	48.39	74.12	23.01	0.0	0.000	0.0	1.24	3.26	196.4	0.0	0.0	0.0
244	DL	4.2	4.3	14.9	0.14	0.003	0.007	0.04	3.50	48.38	74.05	23.01	0.0	0.000	0.0	1.24	3.22	196.4	0.0	0.0	0.0
245	DL	4.2	4.2	14.9	0.14	0.003	0.007	0.04	3.50	48.38	74.06	23.01	0.0	0.000	0.0	1.24	3.16	196.4	0.0	0.0	0.0
246	DL	4.2	4.2	14.9	0.14	0.003	0.007	0.04	3.50	48.39	74.06	23.01	0.0	0.000	0.0	1.24	3.13	196.4	0.0	0.0	0.0
247	DL	4.2	4.2	14.9	0.14	0.003	0.007	0.04	3.50	48.39	74.02	23.00	0.0	0.000	0.0	1.24	3.25	196.4	0.0	0.0	0.0
248	DL	4.2	4.4	15.0	0.14	0.003	0.007	0.04	3.50	48.38	73.92	22.99	0.0	0.000	0.0	1.25	3.12	196.4	0.0	0.0	0.0
249	DL	4.2	4.3	14.9	0.14	0.003	0.007	0.04	3.50	48.39	73.99	23.00	0.0	0.000	0.0	1.24	3.13	196.5	0.0	0.0	0.0
250	DL	4.2	4.3	15.0	0.14	0.003	0.007	0.04	3.50	48.38	74.05	23.01	0.0	0.000	0.0	1.24	3.23	196.5	0.0	0.0	0.0
251	DL	4.2	4.3	14.9	0.14	0.003	0.007	0.04	3.50	48.37	74.05	23.01	0.0	0.000	0.0	1.24	3.04	196.6	0.0	0.0	0.0
252	DL	4.2	4.4	14.8	0.14	0.003	0.007	0.04	3.50	48.38	74.05	23.01	0.0	0.000	0.0	1.24	3.05	196.6	0.0	0.0	0.0
253	DL	4.2	4.4	14.9	0.14	0.003	0.007	0.04	3.50	48.38	74.05	23.01	0.0	0.000	0.0	1.24	3.06	196.6	0.0	0.0	0.0
254	DL	4.2	4.4	14.9	0.14	0.003	0.007	0.04	3.51	48.38	73.83	22.99	0.0	0.000	0.0	1.25	3.06	196.6	0.0	0.0	0.0
255	DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.51	48.38	73.79	22.98	0.0	0.000	0.0	1.25	3.22	196.6	0.0	0.0	0.0
256	DL	4.2	4.4	15.2	0.14	0.003	0.007	0.04	3.52	48.38	73.66	22.97	0.0	0.000	0.0	1.25	3.20	196.6	0.0	0.0	0.0
257	DL	4.2	4.4	14.9	0.14	0.003	0.007	0.04	3.53	48.38	73.53	22.96	0.0	0.000	0.0	1.25	3.14	196.6	0.0	0.0	0.0
258	DL	4.2	4.3	14.9	0.14	0.003	0.007	0.04	3.53	48.38	73.53	22.96	0.0	0.000	0.0	1.25	3.15	196.6	0.0	0.0	0.0
259	DL	4.2	4.2	15.2	0.14	0.003	0.007	0.04	3.52	48.37	73.57	22.96	0.0	0.000	0.0	1.25	3.05	196.5	0.0	0.0	0.0
260	DL	4.2	4.3	14.9	0.14	0.003	0.007	0.04	3.53	48.38	73.57	22.96	0.0	0.000	0.0	1.25	3.06	196.5	0.0	0.0	0.0
261	DL	4.2	4.3	14.9	0.14	0.003	0.007	0.04	3.53	48.39	73.57	22.96	0.0	0.000	0.0	1.25	3.02	196.5	0.0	0.0	0.0
262	DL	4.2	4.2	14.9	0.14	0.003	0.007	0.04	3.52	48.37	73.57	22.96	0.0	0.000	0.0	1.25	2.99	196.4	0.0	0.0	0.0
263	DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.53	48.37	73.57	22.96	0.0	0.000	0.0	1.25	3.18	196.4	0.0	0.0	0.0
264	DL	4.2	4.3	14.6	0.14	0.003	0.007	0.04	3.52	48.37	73.57	22.96	0.0	0.000	0.0	1.25	3.08	196.4	0.0	0.0	0.0
265	DL	4.2	4.3	14.7	0.14	0.003	0.007	0.04	3.52	48.37	73.57	22.96	0.0	0.000	0.0	1.25	3.17	196.4	0.0	0.0	0.0
266	DL	4.2	4.4	14.8	0.14	0.003	0.007	0.04	3.51	48.36	73.72	22.98	0.0	0.000	0.0	1.25	3.15	196.5	0.0	0.0	0.0
267	DL	4.2	4.4	15.1	0.14	0.003	0.007	0.04	3.52	48.37	73.66	22.97	0.0	0.000	0.0	1.25	3.13	196.5	0.0	0.0	0.0
268	DL	4.2	4.4	15.1	0.14	0.003	0.007	0.04	3.52	48.37	73.56	22.96	0.0	0.000	0.0	1.25	3.14	196.5	0.0	0.0	0.0
269	DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.52	48.37	73.60	22.97	0.0	0.000	0.0	1.25	3.00	196.5	0.0	0.0	0.0
270	DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.51	48.37	73.73	22.98	0.0	0.000	0.0	1.25	3.06	196.5	0.0	0.0	0.0
271	DL	4.2	4.4	14.8	0.14	0.003	0.007	0.04	3.51	48.37	73.72	22.98	0.0	0.000	0.0	1.25	3.04	196.5	0.0	0.0	0.0
272	DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.51	48.37	73.76	22.98	0.0	0.000	0.0	1.25	3.14	196.5	0.0	0.0	0.0
273	DL	4.2	4.4	14.9	0.14	0.003	0.007	0.04	3.51	48.37	73.82	22.99	0.0	0.000	0.0	1.25	3.16	196.5	0.0	0.0	0.0
274	DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.52	48.38	73.73	22.98	0.0	0.000	0.0	1.25	3.16	196.6	0.0	0.0	0.0
275	DL	4.2	4.3	14.9	0.14	0.003	0.007	0.04	3.52	48.37	73.63	22.97	0.0	0.000	0.0	1.25	3.27	196.5	0.0	0.0	0.0
276	DL	4.2	4.3	15.0	0.14	0.003	0.007	0.04	3.52	48.37	73.57	22.96	0.0	0.000	0.0	1.25	3.23	196.5	0.0	0.0	0.0
277	DL	4.2	4.3	15.0	0.14	0.003	0.007	0.04	3.52	48.36	73.57	22.96	0.0	0.000	0.0	1.25	3.21	196.4	0.0	0.0	0.0
278	DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.52	48.37	73.69	22.97	0.0	0.000	0.0	1.25	3.18	196.4	0.0	0.0	0.0
279	DL	4.2	4.3	14.7	0.14	0.003	0.007	0.04	3.52	48.38	73.73	22.98	0.0	0.000	0.0	1.25	3.36	196.4	0.0	0.0	0.0
280	DL	4.2	4.3	14.7	0.14	0.003	0.007	0.04	3.51	48.36	73.73	22.98	0.0	0.000	0.0	1.25	3.28	196.4	0.0	0.0	0.0
281	DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.51	48.37	73.73	22.98	0.0	0.000	0.0	1.25	3.19	196.4	0.0	0.0	0.0

282 DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.51	48.36	73.76	22.98	0.0	0.000	0.0	1.25	3.11	196.3	0.0	0.0	0.0
283 DL	4.2	4.2	14.7	0.14	0.003	0.007	0.04	3.50	48.37	73.89	22.99	0.0	0.000	0.0	1.25	3.11	196.2	0.0	0.0	0.0
284 DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.50	48.36	73.89	22.99	0.0	0.000	0.0	1.25	3.24	196.2	0.0	0.0	0.0
285 DL	4.2	4.2	14.5	0.14	0.003	0.007	0.04	3.50	48.36	73.89	22.99	0.0	0.000	0.0	1.25	3.22	196.3	0.0	0.0	0.0
286 DL	4.2	4.3	14.7	0.14	0.003	0.007	0.04	3.50	48.36	73.89	22.99	0.0	0.000	0.0	1.25	3.11	196.4	0.0	0.0	0.0
287 DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.51	48.37	73.86	22.99	0.0	0.000	0.0	1.25	3.04	196.4	0.0	0.0	0.0
288 DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.51	48.37	73.80	22.98	0.0	0.000	0.0	1.25	3.11	196.4	0.0	0.0	0.0
289 DL	4.2	4.2	14.7	0.14	0.003	0.007	0.04	3.50	48.37	73.89	22.99	0.0	0.000	0.0	1.25	3.13	196.4	0.0	0.0	0.0
290 DL	4.2	4.2	14.6	0.14	0.003	0.007	0.04	3.50	48.36	73.89	22.99	0.0	0.000	0.0	1.25	3.10	196.4	0.0	0.0	0.0
291 DL	4.2	4.3	14.5	0.14	0.003	0.007	0.04	3.50	48.35	74.02	23.00	0.0	0.000	0.0	1.24	3.14	196.4	0.0	0.0	0.0
292 DL	4.2	4.3	14.6	0.14	0.003	0.007	0.04	3.49	48.36	74.05	23.01	0.0	0.000	0.0	1.24	3.23	196.5	0.0	0.0	0.0
293 DL	4.2	4.2	14.8	0.14	0.003	0.007	0.04	3.49	48.36	74.05	23.01	0.0	0.000	0.0	1.24	3.15	196.5	0.0	0.0	0.0
294 DL	4.2	4.2	14.6	0.14	0.003	0.007	0.04	3.50	48.36	73.89	22.99	0.0	0.000	0.0	1.25	3.20	196.5	0.0	0.0	0.0
295 DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.50	48.36	73.96	23.00	0.0	0.000	0.0	1.24	3.21	196.5	0.0	0.0	0.0
296 DL	4.2	4.3	14.8	0.14	0.003	0.007	0.04	3.50	48.36	73.92	22.99	0.0	0.000	0.0	1.25	3.24	196.5	0.0	0.0	0.0
297 DL	4.2	4.4	14.7	0.14	0.003	0.007	0.04	3.51	48.36	73.82	22.99	0.0	0.000	0.0	1.25	3.30	196.5	0.0	0.0	0.0
298 DL	4.2	4.3	14.7	0.14	0.003	0.007	0.04	3.51	48.36	73.72	22.98	0.0	0.000	0.0	1.25	3.27	196.4	0.0	0.0	0.0
299 DL	4.2	4.4	14.8	0.14	0.003	0.007	0.04	3.52	48.36	73.63	22.97	0.0	0.000	0.1	0.03	3.27	196.3	0.0	0.0	0.0
300 DL	4.2	4.4	14.9	0.14	0.003	0.007	0.04	3.52	48.36	73.56	22.96	0.0	0.001	2.2	1.66	3.06	196.2	0.0	0.0	0.0
301 DL	4.2	4.4	15.0	0.14	0.003	0.007	0.04	3.52	48.36	73.56	22.96	0.0	0.000	1.5	1.28	3.34	196.2	0.0	0.0	0.0
302 DL	4.2	4.4	14.9	0.14	0.003	0.007	0.04	3.53	48.36	73.50	22.96	0.0	0.000	0.7	0.49	3.19	196.2	0.0	0.0	0.0
303 DL	4.3	4.5	15.0	0.14	0.003	0.007	0.04	3.52	48.36	73.56	22.96	0.0	0.001	2.8	2.21	3.25	196.2	0.0	0.0	0.0
304 DL	4.3	4.8	16.4	0.14	0.003	0.008	0.04	3.55	48.35	73.19	22.93	0.0	0.001	3.0	2.40	3.26	196.2	0.0	0.0	0.0
305 DL	4.5	7.0	18.2	0.15	0.004	0.011	0.05	3.67	48.36	71.21	22.75	0.0	0.001	4.2	3.09	3.22	196.2	0.0	0.0	0.0
306 DL	4.7	11.4	19.9	0.16	0.004	0.018	0.05	3.89	48.35	67.94	22.46	0.0	0.001	4.5	3.37	4.13	196.2	0.0	0.0	0.0
307 DL	5.0	14.2	19.0	0.17	0.004	0.023	0.05	4.18	48.35	63.99	22.12	0.0	0.001	2.7	1.82	9.41	196.2	0.0	0.0	0.0
308 DL	5.0	13.6	14.8	0.17	0.004	0.022	0.04	4.20	48.35	62.81	22.02	0.0	0.001	2.1	1.40	7.74	196.2	0.0	0.0	0.0
309 DL	5.0	11.8	13.8	0.16	0.004	0.019	0.04	4.10	48.36	65.16	22.22	0.0	0.000	1.6	1.10	4.36	196.2	0.0	0.0	0.0
310 DL	4.8	10.0	14.1	0.16	0.004	0.016	0.04	3.88	48.35	67.97	22.46	0.0	0.000	1.2	0.90	3.37	196.2	0.0	0.0	0.0
311 DL	4.7	8.4	14.4	0.15	0.004	0.013	0.04	3.74	48.36	70.05	22.64	0.0	0.000	0.5	0.46	3.05	196.2	0.0	0.0	0.0
312 DL	4.5	7.4	14.5	0.15	0.004	0.012	0.04	3.66	48.34	71.31	22.76	0.0	0.000	0.0	0.00	3.01	196.1	0.0	0.0	0.0
313 DL	4.4	6.6	14.8	0.14	0.004	0.010	0.04	3.61	48.34	72.11	22.83	0.0	0.000	0.0	1.29	3.10	196.1	0.0	0.0	0.0
314 DL	4.4	6.0	14.8	0.14	0.003	0.010	0.04	3.58	48.36	72.57	22.87	0.0	0.000	0.0	1.28	3.11	196.2	0.0	0.0	0.0
315 DL	4.3	5.7	14.8	0.14	0.003	0.009	0.04	3.57	48.35	72.84	22.90	0.0	0.000	0.0	1.27	3.06	196.2	0.0	0.0	0.0
316 DL	4.3	5.4	14.7	0.14	0.003	0.009	0.04	3.55	48.35	73.04	22.91	0.0	0.000	0.0	1.26	3.02	196.1	0.0	0.0	0.0
317 DL	4.3	5.2	14.8	0.14	0.003	0.008	0.04	3.55	48.35	73.11	22.92	0.0	0.000	0.0	1.26	3.07	196.0	0.0	0.0	0.0
318 DL	4.3	5.1	14.9	0.14	0.003	0.008	0.04	3.55	48.35	73.08	22.92	0.0	0.000	0.0	0.01	3.14	196.0	0.0	0.0	0.0
319 DL	4.3	5.1	15.2	0.14	0.003	0.008	0.04	3.56	48.35	72.99	22.91	0.0	0.000	1.9	1.41	3.05	196.1	0.0	0.0	0.0
320 DL	4.3	5.1	15.9	0.14	0.003	0.008	0.04	3.59	48.35	72.52	22.87	0.0	0.001	2.6	2.01	3.24	196.1	0.0	0.0	0.0
321 DL	4.3	5.3	17.4	0.15	0.003	0.009	0.05	3.65	48.35	71.55	22.78	0.0	0.001	3.2	2.45	3.18	196.2	0.0	0.0	0.0
322 DL	4.6	7.2	21.6	0.15	0.004	0.011	0.06	3.82	48.35	68.96	22.55	0.0	0.001	4.1	2.97	3.15	196.2	0.0	0.0	0.0
323 DL	5.0	11.5	29.3	0.17	0.004	0.018	0.08	4.23	48.35	62.94	22.03	0.0	0.002	5.7	3.65	3.55	196.2	0.0	0.0	0.0
324 DL	5.6	15.5	34.9	0.21	0.004	0.025	0.09	5.20	48.36	53.73	21.28	0.0	0.002	7.0	3.75	7.78	196.2	0.0	0.0	0.0
325 DL	5.9	16.2	30.9	0.24	0.005	0.026	0.08	6.13	48.34	46.65	20.75	0.0	0.002	7.7	3.52	10.66	196.2	0.0	0.0	0.0
326 DL	5.9	14.4	22.1	0.26	0.005	0.023	0.06	6.43	48.34	44.84	20.62	0.0	0.002	7.0	3.08	7.14	196.2	0.0	0.0	0.0
327 DL	6.0	12.3	13.3	0.24	0.005	0.020	0.03	6.00	48.34	47.58	20.82	0.0	0.002	6.4	3.00	3.59	196.1	0.0	0.0	0.0
328 DL	6.1	10.5	9.2	0.21	0.005	0.017	0.02	5.15	48.34	54.22	21.32	0.0	0.002	6.3	3.44	2.05	196.1	0.0	0.0	0.0
329 DL	6.2	9.2	10.1	0.17	0.005	0.015	0.03	4.37	48.34	61.95	21.95	0.0	0.002	6.6	4.21	1.92	196.1	0.0	0.0	0.0
330 DL	6.3	8.3	13.1	0.16	0.005	0.013	0.03	4.00	48.34	66.44	22.33	0.0	0.002	6.8	4.73	1.93	196.1	0.0	0.0	0.0
331 DL	6.4	7.8	17.7	0.16	0.005	0.012	0.05	4.01	48.33	66.35	22.32	0.0	0.002	7.4	5.12	2.06	196.2	0.0	0.0	0.0
332 DL	6.6	7.6	21.9	0.17	0.005	0.012	0.06	4.32	48.33	62.57	22.00	0.0	0.002	7.9	5.09	2.49	196.2	0.0	0.0	0.0
333 DL	6.8	7.4	23.6	0.19	0.005	0.012	0.06	4.81	48.33	57.32	21.59	0.0	0.002	8.3	4.84	2.94	196.2	0.0	0.0	0.0
334 DL	6.9	7.5	21.1	0.21	0.005	0.012	0.06	5.21	48.32	53.65	21.29	0.0	0.002	8.6	4.65	3.10	196.2	0.0	0.0	0.0
335 DL	7.2	14.6	17.3	0.21	0.006	0.023	0.05	5.27	48.32	52.92	21.23	0.0	0.002	7.7	4.09	2.72	196.2	0.0	0.0	0.0
336 DL	8.1	40.9	26.3	0.21	0.006	0.065	0.07	5.23	48.33	52.70	21.19	0.0	0.002	8.5	4.41	2.25	196.1	0.0	0.0	0.0
337 DL	9.5	75.0	50.2	0.26	0.007	0.119	0.13	6.41	48.34	44.32	20.53	0.0	0.003	10.6	4.48	10.38	196.1	0.0	0.0	0.0
338 DL	10.6	91.1	65.9	0.36	0.008	0.145	0.17	9.14	48.33	32.52	19.72	0.0	0.003	12.5	3.72	17.79	196.2	0.0	0.0	0.0
339 DL	10.7	83.8	53.2	0.46	0.008	0.133	0.14	11.55	48.31	26.29	19.33	0.0	0.004	14.5	3.47	16.44	196.3	0.0	0.0	0.0
340 DL	10.3	75.2	36.4	0.47	0.008	0.120	0.10	11.86	48.30	25.67	19.30	0.0	0.004	14.0	3.27	8.05	196.5	0.0	0.0	0.0

341 DL	10.2	80.1	40.7	0.45	0.008	0.120	0.11	11.18	48.31	27.05	19.30	0.0	0.004	14.0	3.65	3.00	196.5	0.0	0.0	0.0
342 DL	10.3	80.5	44.1	0.45	0.008	0.128	0.12	11.26	48.30	26.88	19.37	0.0	0.005	16.2	4.00	10.40	196.5	0.0	0.0	0.0
343 DL	9.8	68.6	31.4	0.45	0.008	0.109	0.08	11.33	48.29	26.80	19.37	0.0	0.004	15.8	3.89	10.36	196.5	0.0	0.0	0.0
344 DL	9.2	53.7	16.7	0.41	0.007	0.085	0.04	10.31	48.29	29.30	19.53	0.0	0.004	13.6	3.70	4.52	196.4	0.0	0.0	0.0
345 DL	8.7	40.9	8.5	0.34	0.007	0.065	0.02	8.52	48.30	34.90	19.90	0.0	0.004	13.4	4.36	2.30	196.4	0.0	0.0	0.0
346 DL	8.1	32.1	6.0	0.27	0.006	0.051	0.02	6.64	48.30	43.48	20.50	0.0	0.004	12.9	5.45	1.48	196.5	0.0	0.0	0.0
347 DL	7.9	28.4	7.0	0.21	0.006	0.045	0.02	5.27	48.31	52.77	21.20	0.0	0.004	12.6	6.67	1.44	196.6	0.0	0.0	0.0
348 DL	8.2	31.9	12.6	0.18	0.006	0.051	0.03	4.58	48.30	58.89	21.69	0.0	0.004	13.3	7.96	1.82	196.7	0.0	0.0	0.0
349 DL	8.5	37.4	18.5	0.18	0.007	0.060	0.05	4.60	48.30	58.53	21.65	0.0	0.004	13.5	8.15	8.48	196.7	0.0	0.0	0.0
350 DL	8.4	37.0	15.4	0.20	0.007	0.059	0.04	4.89	48.31	55.73	21.43	0.0	0.003	10.8	6.14	13.98	196.8	0.0	0.0	0.0
351 DL	8.2	32.5	11.0	0.19	0.006	0.052	0.03	4.74	48.29	57.25	21.55	0.0	0.003	10.9	6.31	7.22	196.8	0.0	0.0	0.0
352 DL	8.0	27.2	14.8	0.18	0.006	0.043	0.04	4.41	48.30	60.83	21.85	0.0	0.003	11.5	7.19	3.74	196.8	0.0	0.0	0.0
353 DL	7.8	23.2	21.1	0.18	0.006	0.037	0.06	4.43	48.31	60.79	21.85	0.0	0.003	11.8	7.38	3.39	196.8	0.0	0.0	0.0
354 DL	7.8	23.6	27.1	0.19	0.006	0.038	0.07	4.84	48.30	56.56	21.50	0.0	0.003	12.2	6.98	3.26	196.7	0.0	0.0	0.0
355 DL	7.9	29.0	28.4	0.22	0.006	0.046	0.07	5.47	48.30	51.03	21.07	0.0	0.004	13.2	6.70	4.98	196.8	0.0	0.0	0.0
356 DL	7.8	32.0	23.5	0.24	0.006	0.051	0.06	5.95	48.31	47.55	20.81	0.0	0.003	12.3	5.79	11.76	196.9	0.0	0.0	0.0
357 DL	7.5	29.4	14.2	0.24	0.006	0.047	0.04	5.89	48.31	48.00	20.85	0.0	0.002	8.6	4.18	10.24	196.9	0.0	0.0	0.0
358 DL	7.1	24.7	9.4	0.21	0.006	0.039	0.02	5.19	48.31	53.51	21.26	0.0	0.001	5.2	2.87	4.41	196.8	0.0	0.0	0.0
359 DL	6.8	21.2	10.8	0.18	0.005	0.034	0.03	4.42	48.33	61.05	21.87	0.0	0.001	4.4	2.71	3.15	196.8	0.0	0.0	0.0
360 DL	6.7	24.1	16.7	0.16	0.005	0.038	0.04	4.06	48.31	65.06	22.20	0.0	0.001	5.3	3.63	2.99	196.8	0.0	0.0	0.0
361 DL	7.3	36.7	28.1	0.17	0.006	0.058	0.07	4.36	48.32	61.25	21.87	0.0	0.002	7.0	4.39	3.69	196.9	0.0	0.0	0.0
362 DL	7.8	46.6	33.4	0.22	0.006	0.074	0.09	5.46	48.32	50.96	21.05	0.0	0.002	8.5	4.31	12.31	197.1	0.0	0.0	0.0
363 DL	7.8	44.8	24.9	0.26	0.006	0.071	0.07	6.48	48.31	44.03	20.55	0.0	0.002	7.8	3.35	14.46	197.1	0.0	0.0	0.0
364 DL	7.8	39.6	14.9	0.26	0.006	0.063	0.04	6.50	48.31	44.00	20.55	0.0	0.002	7.4	3.19	6.66	197.1	0.0	0.0	0.0
365 DL	8.3	47.0	16.8	0.24	0.007	0.075	0.04	5.91	48.32	47.58	20.81	0.0	0.002	7.3	3.37	3.21	197.0	0.0	0.0	0.0
366 DL	9.4	66.6	36.2	0.24	0.007	0.106	0.09	5.99	48.33	46.73	20.73	0.0	0.003	9.3	4.22	5.01	196.9	0.0	0.0	0.0
367 DL	10.1	74.1	46.2	0.30	0.008	0.118	0.12	7.59	48.32	38.25	20.12	0.0	0.003	10.9	3.92	15.11	196.9	0.0	0.0	0.0
368 DL	10.2	65.3	34.4	0.36	0.008	0.104	0.09	9.09	48.31	32.63	19.75	0.0	0.003	10.9	3.33	12.25	197.0	0.0	0.0	0.0
369 DL	10.4	54.0	20.7	0.36	0.008	0.086	0.05	9.04	48.31	32.90	19.77	0.0	0.003	9.7	3.00	5.20	197.1	0.0	0.0	0.0
370 DL	10.5	48.9	20.6	0.32	0.008	0.078	0.05	8.11	48.31	36.25	20.00	0.0	0.003	10.5	3.61	3.20	197.1	0.0	0.0	0.0
371 DL	11.0	57.0	26.7	0.30	0.009	0.091	0.07	7.52	48.31	38.58	20.16	0.0	0.003	9.8	3.57	5.27	197.1	0.0	0.0	0.0
372 DL	11.9	75.7	47.3	0.32	0.009	0.121	0.12	7.92	48.32	36.74	20.02	0.0	0.003	11.7	4.04	6.95	197.1	0.0	0.0	0.0
373 DL	12.7	89.1	69.3	0.39	0.010	0.142	0.18	9.79	48.31	30.49	19.60	0.0	0.004	14.0	3.91	13.38	197.2	0.0	0.0	0.0
374 DL	12.6	84.2	67.4	0.48	0.010	0.134	0.18	12.09	48.30	25.21	19.26	0.0	0.004	15.9	3.63	14.58	197.3	0.0	0.0	0.0
375 DL	12.1	71.7	49.4	0.52	0.010	0.114	0.13	13.00	48.29	23.61	19.17	0.0	0.004	15.7	3.36	8.25	197.5	0.0	0.0	0.0
376 DL	12.0	63.8	47.4	0.50	0.009	0.102	0.12	12.64	48.29	24.28	19.21	0.0	0.005	16.6	3.64	4.17	197.5	0.0	0.0	0.0
377 DL	12.0	56.4	46.9	0.50	0.009	0.090	0.12	12.40	48.30	24.74	19.24	0.0	0.005	17.4	3.92	5.49	197.6	0.0	0.0	0.0
378 DL	11.7	46.7	35.3	0.48	0.009	0.074	0.09	12.11	48.29	25.31	19.28	0.0	0.005	17.4	4.02	4.96	197.7	0.0	0.0	0.0
379 DL	11.2	36.9	21.3	0.44	0.009	0.059	0.06	11.09	48.29	27.51	19.42	0.0	0.005	16.8	4.25	2.74	197.7	0.0	0.0	0.0
380 DL	11.0	29.9	11.4	0.37	0.009	0.048	0.03	9.36	48.31	32.16	19.73	0.0	0.005	16.3	4.87	1.82	197.8	0.0	0.0	0.0
381 DL	10.9	25.4	5.2	0.30	0.009	0.040	0.01	7.53	48.31	39.02	20.19	0.0	0.004	15.2	5.65	1.23	197.7	0.0	0.0	0.0
382 DL	10.6	22.4	5.8	0.24	0.008	0.036	0.02	6.06	48.32	47.03	20.77	0.0	0.004	14.8	6.81	0.99	197.8	0.0	0.0	0.0
383 DL	10.5	22.2	9.8	0.20	0.008	0.035	0.03	5.07	48.32	54.47	21.34	0.0	0.004	14.4	7.91	1.16	197.9	0.0	0.0	0.0
384 DL	10.8	24.9	21.6	0.19	0.009	0.040	0.06	4.72	48.32	57.62	21.59	0.0	0.004	15.2	8.93	2.27	198.0	0.0	0.0	0.0
385 DL	10.9	26.2	30.4	0.21	0.009	0.042	0.08	5.30	48.32	52.48	21.18	0.0	0.004	15.8	8.31	7.18	198.0	0.0	0.0	0.0
386 DL	10.7	24.2	27.9	0.25	0.008	0.039	0.07	6.15	48.32	46.32	20.72	0.0	0.004	15.7	7.14	7.49	198.2	0.0	0.0	0.0
387 DL	10.6	21.6	22.4	0.26	0.008	0.034	0.06	6.50	48.32	44.21	20.57	0.0	0.004	15.7	6.74	3.98	198.2	0.0	0.0	0.0
388 DL	10.7	26.6	24.9	0.26	0.008	0.042	0.07	6.51	48.33	44.09	20.56	0.0	0.004	15.8	6.77	2.50	198.1	0.0	0.0	0.0
389 DL	11.5	46.4	40.5	0.28	0.009	0.074	0.11	6.95	48.33	41.47	20.36	0.0	0.005	16.8	6.66	3.28	198.0	0.0	0.0	0.0
390 DL	12.4	66.2	58.0	0.34	0.010	0.106	0.15	8.51	48.33	34.71	19.88	0.0	0.005	18.0	5.83	10.36	198.0	0.0	0.0	0.0
391 DL	12.6	68.2	57.3	0.42	0.010	0.109	0.15	10.51	48.32	28.72	19.49	0.0	0.005	19.1	5.04	13.49	198.1	0.0	0.0	0.0
392 DL	12.6	58.5	46.7	0.46	0.010	0.093	0.12	11.56	48.32	26.36	19.35	0.0	0.005	19.1	4.60	7.51	198.3	0.0	0.0	0.0
393 DL	12.9	49.0	44.3	0.47	0.010	0.078	0.12	11.70	48.31	26.10	19.33	0.0	0.005	19.7	4.69	3.73	198.3	0.0	0.0	0.0
394 DL	13.1	42.0	42.6	0.47	0.010	0.067	0.11	11.73	48.32	26.09	19.33	0.0	0.006	20.3	4.83	3.40	198.4	0.0	0.0	0.0
395 DL	12.9	37.2	39.6	0.46	0.010	0.059	0.10	11.56	48.30	26.46	19.36	0.0	0.006	21.3	5.15	3.93	198.5	0.0	0.0	0.0
396 DL	12.3	33.2	38.3	0.44	0.010	0.053	0.10	11.07	48.31	27.56	19.43	0.0	0.006	21.4	5.42	3.93	198.5	0.0	0.0	0.0
397 DL	11.6	28.8	29.9	0.41	0.009	0.046	0.08	10.32	48.32	29.40	19.55	0.0	0.006	20.3	5.52	4.53	198.5	0.0	0.0	0.0
398 DL	10.9	24.3	15.9	0.36	0.009	0.039	0.04	9.05	48.33	33.16	19.80	0.0	0.005	19.7	6.12	2.98	198.4	0.0	0.0	0.0
399 DL	10.2	20.5	8.0	0.30	0.008	0.033	0.02	7.41	48.32	39.65	20.24	0.0	0.005	19.1	7.24	1.57	198.4	0.0	0.0	0.0

400 DL	9.4	16.9	5.0	0.24	0.007	0.027	0.01	5.95	48.33	47.91	20.84	0.0	0.005	18.6	8.74	1.13	198.4	0.0	0.0	0.0
401 DL	8.6	14.0	3.8	0.19	0.007	0.022	0.01	4.75	48.33	57.83	21.60	0.0	0.005	17.9	10.58	0.98	198.5	0.0	0.0	0.0
402 DL	8.1	13.7	5.4	0.15	0.006	0.022	0.01	3.75	48.34	69.85	22.61	0.0	0.005	18.3	13.61	0.94	198.5	0.0	0.0	0.0
403 DL	7.9	17.8	16.2	0.13	0.006	0.028	0.04	3.24	48.35	77.58	23.32	0.0	0.005	19.0	16.26	1.65	198.6	0.0	0.0	0.0
404 DL	8.0	24.3	30.0	0.15	0.006	0.039	0.08	3.71	48.35	70.08	22.62	0.0	0.005	19.5	14.58	6.63	198.6	0.0	0.0	0.0
405 DL	8.1	29.5	36.7	0.19	0.006	0.047	0.10	4.78	48.35	57.16	21.54	0.0	0.006	20.1	11.63	8.98	198.6	0.0	0.0	0.0
406 DL	8.2	30.2	36.5	0.23	0.007	0.048	0.10	5.88	48.35	48.14	20.85	0.0	0.006	20.0	9.50	9.09	198.5	0.0	0.0	0.0
407 DL	8.1	26.9	29.1	0.26	0.006	0.043	0.08	6.52	48.35	44.10	20.56	0.0	0.005	19.8	8.48	6.94	198.5	0.0	0.0	0.0
408 DL	8.0	22.6	21.8	0.26	0.006	0.036	0.06	6.50	48.36	44.24	20.57	0.0	0.006	19.8	8.53	3.49	198.5	0.0	0.0	0.0
409 DL	8.0	19.5	19.3	0.25	0.006	0.031	0.05	6.15	48.35	46.46	20.74	0.0	0.005	19.5	8.87	2.29	198.5	0.0	0.0	0.0
410 DL	8.3	20.8	19.8	0.23	0.007	0.033	0.05	5.77	48.36	48.97	20.92	0.0	0.006	20.1	9.70	2.08	198.4	0.0	0.0	0.0
411 DL	8.8	26.8	28.8	0.23	0.007	0.043	0.08	5.70	48.36	49.40	20.95	0.0	0.006	20.7	10.10	3.81	198.3	0.0	0.0	0.0
412 DL	9.0	31.8	34.6	0.25	0.007	0.051	0.09	6.21	48.36	45.92	20.69	0.0	0.006	21.1	9.45	8.95	198.3	0.0	0.0	0.0
413 DL	9.1	31.9	30.5	0.27	0.007	0.051	0.08	6.78	48.37	42.58	20.45	0.0	0.006	20.4	8.39	9.57	198.3	0.0	0.0	0.0
414 DL	9.1	33.3	26.1	0.27	0.007	0.053	0.07	6.87	48.36	42.06	20.41	0.0	0.006	21.0	8.51	5.70	198.3	0.0	0.0	0.0
415 DL	9.4	40.8	34.0	0.27	0.007	0.065	0.09	6.88	48.36	41.89	20.40	0.0	0.006	21.7	8.76	5.25	198.3	0.0	0.0	0.0
416 DL	9.7	50.8	43.5	0.30	0.008	0.081	0.11	7.48	48.36	38.89	20.18	0.0	0.006	22.3	8.26	9.99	198.3	0.0	0.0	0.0
417 DL	9.8	62.0	50.2	0.34	0.008	0.099	0.13	8.46	48.36	34.87	19.90	0.0	0.006	23.0	7.52	11.05	198.3	0.0	0.0	0.0
418 DL	10.1	81.4	60.2	0.38	0.008	0.130	0.16	9.48	48.37	31.40	19.66	0.0	0.007	23.7	6.89	11.14	198.3	0.0	0.0	0.0
419 DL	10.8	110.9	76.5	0.44	0.009	0.177	0.20	10.96	48.37	27.47	19.40	0.0	0.006	23.3	5.85	12.60	198.3	0.0	0.0	0.0
420 DL	12.1	135.7	109.0	0.55	0.010	0.216	0.29	13.67	48.38	22.45	19.08	0.0	0.007	25.5	5.11	16.47	198.4	0.0	0.0	0.0
421 DL	13.6	135.3	148.3	0.71	0.011	0.216	0.39	17.80	48.38	17.62	18.79	0.0	0.008	27.6	4.28	20.06	198.5	0.0	0.0	0.0
422 DL	14.2	117.0	123.4	0.85	0.011	0.186	0.32	21.36	48.35	14.83	18.63	0.0	0.008	29.2	3.80	24.11	198.5	0.0	0.0	0.0
423 DL	14.2	107.8	94.6	0.88	0.011	0.172	0.25	21.92	48.30	14.46	18.61	0.0	0.008	29.6	3.77	13.63	198.6	0.0	0.0	0.0
424 DL	14.1	107.2	90.8	0.85	0.011	0.171	0.24	21.19	48.32	14.94	18.64	0.0	0.008	30.3	3.98	7.59	198.5	0.0	0.0	0.0
425 DL	13.5	96.5	72.4	0.82	0.011	0.154	0.19	20.58	48.31	15.38	18.67	0.0	0.009	31.3	4.24	8.81	198.5	0.0	0.0	0.0
426 DL	12.4	78.3	43.5	0.75	0.010	0.125	0.11	18.78	48.30	16.81	18.75	0.0	0.008	30.3	4.51	5.73	198.5	0.0	0.0	0.0
427 DL	11.6	60.6	28.0	0.64	0.009	0.097	0.07	15.98	48.31	19.62	18.92	0.0	0.008	30.3	5.31	2.75	198.7	0.0	0.0	0.0
428 DL	10.9	47.7	25.3	0.53	0.009	0.076	0.07	13.30	48.32	23.30	19.15	0.0	0.008	30.2	6.36	1.87	198.7	0.0	0.0	0.0
429 DL	10.6	42.1	30.9	0.45	0.008	0.067	0.08	11.36	48.32	26.90	19.38	0.0	0.008	30.5	7.49	1.95	198.8	0.0	0.0	0.0
430 DL	10.5	43.2	39.6	0.41	0.008	0.069	0.10	10.38	48.32	29.14	19.53	0.0	0.009	30.7	8.26	3.99	198.9	0.0	0.0	0.0
431 DL	10.3	46.0	45.8	0.41	0.008	0.073	0.12	10.27	48.32	29.42	19.55	0.0	0.009	31.0	8.42	6.82	199.0	0.0	0.0	0.0
432 DL	10.2	48.0	48.3	0.42	0.008	0.077	0.13	10.49	48.33	28.85	19.51	0.0	0.009	31.2	8.30	7.34	199.1	0.0	0.0	0.0
433 DL	10.0	50.9	50.3	0.43	0.008	0.081	0.13	10.73	48.32	28.26	19.47	0.0	0.009	31.5	8.19	6.89	199.2	0.0	0.0	0.0
434 DL	10.0	56.2	52.7	0.44	0.008	0.089	0.14	10.99	48.33	27.63	19.43	0.0	0.009	31.8	8.07	7.09	199.3	0.0	0.0	0.0
435 DL	9.9	66.0	55.6	0.45	0.008	0.105	0.15	11.31	48.33	26.86	19.38	0.0	0.009	32.2	7.91	8.02	199.3	0.0	0.0	0.0
436 DL	10.1	87.5	66.2	0.47	0.008	0.139	0.17	11.84	48.33	25.67	19.30	0.0	0.009	32.5	7.60	8.64	199.3	0.0	0.0	0.0
437 DL	10.7	120.2	82.2	0.53	0.008	0.191	0.22	13.19	48.35	23.17	19.13	0.0	0.009	32.6	6.81	10.43	199.4	0.0	0.0	0.0
438 DL	11.5	147.9	121.1	0.63	0.009	0.236	0.32	15.66	48.34	19.75	18.91	0.0	0.009	34.3	6.02	14.26	199.4	0.0	0.0	0.0
439 DL	12.3	148.0	157.1	0.76	0.010	0.236	0.41	19.01	48.34	16.51	18.72	0.0	0.010	36.0	5.22	13.71	199.6	0.0	0.0	0.0
440 DL	12.4	123.9	135.9	0.86	0.010	0.197	0.36	21.44	48.29	14.75	18.63	0.0	0.010	37.0	4.80	12.06	199.6	0.0	0.0	0.0
441 DL	12.0	95.0	86.8	0.85	0.009	0.151	0.23	21.19	48.29	14.96	18.64	0.0	0.010	36.5	4.82	7.50	199.6	0.0	0.0	0.0
442 DL	11.4	72.1	41.5	0.74	0.009	0.115	0.11	18.52	48.29	17.07	18.77	0.0	0.010	35.5	5.36	3.68	199.6	0.0	0.0	0.0
443 DL	10.7	56.3	17.7	0.59	0.008	0.090	0.05	14.83	48.30	21.08	19.01	0.0	0.009	33.8	6.40	1.82	199.7	0.0	0.0	0.0
444 DL	9.8	44.6	9.4	0.46	0.008	0.071	0.02	11.62	48.31	26.43	19.35	0.0	0.009	31.9	7.71	1.18	199.7	0.0	0.0	0.0
445 DL	9.0	35.6	9.1	0.37	0.007	0.057	0.02	9.17	48.32	32.76	19.76	0.0	0.009	31.6	9.61	0.96	199.7	0.0	0.0	0.0
446 DL	8.5	29.8	19.1	0.30	0.007	0.047	0.05	7.50	48.31	39.07	20.20	0.0	0.009	32.0	11.90	1.25	199.9	0.0	0.0	0.0
447 DL	8.4	26.7	29.1	0.28	0.007	0.042	0.08	6.93	48.32	41.79	20.40	0.0	0.009	31.9	12.86	2.68	200.0	0.0	0.0	0.0
448 DL	8.5	26.2	34.2	0.28	0.007	0.042	0.09	7.11	48.32	40.91	20.33	0.0	0.009	32.0	12.56	3.21	200.1	0.0	0.0	0.0
449 DL	8.8	31.6	39.1	0.30	0.007	0.050	0.10	7.55	48.32	38.79	20.18	0.0	0.009	32.1	11.87	3.37	200.3	0.0	0.0	0.0
450 DL	9.1	43.4	46.2	0.33	0.007	0.069	0.12	8.18	48.32	36.04	19.99	0.0	0.009	32.5	11.05	5.12	200.3	0.0	0.0	0.0
451 DL	9.4	56.5	52.3	0.36	0.007	0.090	0.14	9.09	48.32	32.73	19.76	0.0	0.009	32.8	10.02	9.00	200.4	0.0	0.0	0.0
452 DL	9.6	64.6	55.2	0.40	0.008	0.103	0.14	10.09	48.33	29.78	19.56	0.0	0.009	33.2	9.13	10.00	200.5	0.0	0.0	0.0
453 DL	9.4	62.9	49.3	0.43	0.007	0.100	0.13	10.79	48.33	28.06	19.45	0.0	0.009	33.2	8.57	10.20	200.5	0.0	0.0	0.0
454 DL	9.4	54.0	31.6	0.43	0.007	0.086	0.08	10.68	48.33	28.37	19.48	0.0	0.009	32.2	8.41	7.34	200.5	0.0	0.0	0.0
455 DL	9.5	47.9	19.1	0.38	0.007	0.076	0.05	9.43	48.32	31.81	19.70	0.0	0.009	32.0	9.44	2.99	200.5	0.0	0.0	0.0
456 DL	9.5	50.9	29.1	0.32	0.008	0.081	0.08	8.05	48.33	36.47	20.01	0.0	0.009	32.6	11.23	2.63	200.5	0.0	0.0	0.0
457 DL	9.6	59.2	45.1	0.32	0.008	0.094	0.12	7.98	48.34	36.69	20.03	0.0	0.009	32.8	11.40	7.48	200.7	0.0	0.0	0.0
458 DL	9.6	69.3	54.1	0.35	0.008	0.110	0.14	8.84	48.34	33.45	19.80	0.0	0.009	33.2	10.38	9.58	200.8	0.0	0.0	0.0

459 DL	9.7	80.1	58.9	0.40	0.008	0.128	0.15	9.90	48.34	30.19	19.59	0.0	0.009	33.6	9.30	10.15	200.8	0.0	0.0	0.0
460 DL	9.7	91.6	62.3	0.44	0.008	0.146	0.16	10.94	48.33	27.55	19.41	0.0	0.009	34.0	8.58	10.87	200.9	0.0	0.0	0.0
461 DL	9.7	103.1	66.0	0.48	0.008	0.164	0.17	11.91	48.34	25.47	19.28	0.0	0.010	34.4	7.98	12.13	200.8	0.0	0.0	0.0
462 DL	9.7	109.4	68.6	0.51	0.008	0.174	0.18	12.74	48.34	23.93	19.18	0.0	0.010	34.9	7.57	13.39	200.8	0.0	0.0	0.0
463 DL	9.6	102.2	65.1	0.53	0.008	0.163	0.17	13.34	48.33	22.97	19.12	0.0	0.010	35.2	7.31	13.82	200.8	0.0	0.0	0.0
464 DL	9.4	84.1	52.9	0.53	0.007	0.134	0.14	13.35	48.33	23.03	19.13	0.0	0.010	35.0	7.30	9.64	200.9	0.0	0.0	0.0
465 DL	9.3	66.3	41.8	0.50	0.007	0.106	0.11	12.60	48.33	24.36	19.22	0.0	0.010	35.0	7.73	4.78	200.9	0.0	0.0	0.0
466 DL	9.3	54.0	36.9	0.46	0.007	0.086	0.10	11.58	48.32	26.36	19.35	0.0	0.010	34.9	8.41	3.13	200.8	0.0	0.0	0.0
467 DL	9.6	53.3	38.1	0.43	0.008	0.085	0.10	10.78	48.34	28.14	19.46	0.0	0.010	34.8	9.01	2.78	200.8	0.0	0.0	0.0
468 DL	10.4	72.4	53.3	0.42	0.008	0.115	0.14	10.61	48.34	28.41	19.47	0.0	0.010	34.8	9.10	3.21	200.8	0.0	0.0	0.0
469 DL	11.8	101.3	83.5	0.48	0.009	0.161	0.22	12.02	48.35	25.31	19.26	0.0	0.010	35.5	8.15	10.05	200.8	0.0	0.0	0.0
470 DL	13.0	114.8	120.8	0.60	0.010	0.183	0.32	15.09	48.35	20.56	18.97	0.0	0.010	37.0	6.78	12.67	200.8	0.0	0.0	0.0
471 DL	13.2	108.9	109.3	0.72	0.010	0.173	0.29	18.01	48.32	17.41	18.78	0.0	0.011	38.0	5.87	12.17	200.9	0.0	0.0	0.0
472 DL	13.0	113.7	92.1	0.75	0.010	0.181	0.24	18.67	48.30	16.80	18.75	0.0	0.011	38.0	5.66	7.19	200.9	0.0	0.0	0.0
473 DL	12.8	130.0	97.8	0.74	0.010	0.207	0.26	18.56	48.30	16.87	18.75	0.0	0.011	39.0	5.82	7.31	200.9	0.0	0.0	0.0
474 DL	12.4	127.4	84.8	0.76	0.010	0.203	0.22	18.98	48.31	16.52	18.73	0.0	0.011	39.4	5.77	11.49	200.9	0.0	0.0	0.0
475 DL	12.3	106.3	49.4	0.73	0.010	0.169	0.13	18.25	48.31	17.20	18.77	0.0	0.011	38.4	5.87	7.38	200.9	0.0	0.0	0.0
476 DL	12.5	86.1	32.1	0.64	0.010	0.137	0.08	15.99	48.31	19.52	18.91	0.0	0.011	38.3	6.68	3.42	200.9	0.0	0.0	0.0
477 DL	12.9	84.7	38.3	0.55	0.010	0.135	0.10	13.84	48.31	22.28	19.08	0.0	0.011	38.5	7.72	2.45	201.0	0.0	0.0	0.0
478 DL	13.2	107.9	58.6	0.52	0.010	0.172	0.15	13.08	48.32	23.34	19.14	0.0	0.011	39.0	8.23	6.64	201.0	0.0	0.0	0.0
479 DL	13.2	147.0	83.4	0.56	0.010	0.234	0.22	13.96	48.33	21.88	19.05	0.0	0.011	39.6	7.80	14.79	201.1	0.0	0.0	0.0
480 DL	13.0	184.8	117.2	0.64	0.010	0.294	0.31	16.04	48.32	19.19	18.87	0.0	0.011	40.6	6.94	15.82	201.1	0.0	0.0	0.0
481 DL	12.9	191.3	141.0	0.76	0.010	0.305	0.37	18.91	48.31	16.48	18.71	0.0	0.012	41.8	6.08	14.25	201.2	0.0	0.0	0.0
482 DL	12.7	163.3	111.1	0.84	0.010	0.260	0.29	21.02	48.30	14.96	18.63	0.0	0.012	42.2	5.57	11.26	201.3	0.0	0.0	0.0
483 DL	12.5	128.7	53.8	0.80	0.010	0.205	0.14	20.11	48.29	15.66	18.68	0.0	0.011	40.8	5.65	5.93	201.4	0.0	0.0	0.0
484 DL	12.1	103.7	33.1	0.68	0.010	0.165	0.09	16.93	48.30	18.48	18.85	0.0	0.011	40.7	6.68	2.59	201.4	0.0	0.0	0.0
485 DL	12.0	84.5	34.1	0.57	0.009	0.135	0.09	14.38	48.31	21.52	19.04	0.0	0.011	40.8	7.91	3.36	201.6	0.0	0.0	0.0
486 DL	11.9	66.5	22.1	0.50	0.009	0.106	0.06	12.57	48.30	24.43	19.22	0.0	0.011	39.0	8.66	3.69	201.7	0.0	0.0	0.0
487 DL	11.3	52.1	11.3	0.41	0.009	0.083	0.03	10.27	48.32	29.47	19.54	0.0	0.010	36.4	9.91	1.63	201.8	0.0	0.0	0.0
488 DL	10.5	42.3	7.1	0.32	0.008	0.067	0.02	8.01	48.31	36.81	20.03	0.0	0.010	34.4	11.98	1.04	201.8	0.0	0.0	0.0
489 DL	9.6	35.0	5.6	0.26	0.008	0.056	0.01	6.39	48.32	44.81	20.60	0.0	0.009	32.5	14.17	0.88	201.9	0.0	0.0	0.0
490 DL	8.9	28.3	4.6	0.21	0.007	0.045	0.01	5.22	48.33	53.14	21.23	0.0	0.009	30.6	16.31	0.79	202.0	0.0	0.0	0.0
491 DL	8.2	23.0	4.2	0.17	0.006	0.037	0.01	4.22	48.33	63.37	22.05	0.0	0.008	29.7	19.60	0.73	202.0	0.0	0.0	0.0
492 DL	7.6	19.4	3.9	0.13	0.006	0.031	0.01	3.35	48.32	75.74	23.13	0.0	0.007	26.6	22.05	0.73	202.1	0.0	0.0	0.0
493 DL	7.0	17.0	3.6	0.11	0.006	0.027	0.01	2.77	48.33	87.21	24.24	0.0	0.007	24.2	24.29	0.72	202.1	0.0	0.0	0.0
494 DL	6.5	14.7	3.4	0.10	0.005	0.023	0.01	2.41	48.34	96.43	25.22	0.0	0.006	21.6	24.97	0.68	202.1	0.0	0.0	0.0
495 DL	6.2	12.6	4.2	0.08	0.005	0.020	0.01	2.10	48.35	106.07	26.32	0.0	0.005	19.4	25.75	0.69	202.2	0.0	0.0	0.0
496 DL	6.0	11.4	6.2	0.07	0.005	0.018	0.02	1.87	48.35	114.29	27.35	0.0	0.005	17.2	25.59	0.85	202.3	0.0	0.0	0.0
497 DL	6.3	11.2	6.0	0.07	0.005	0.018	0.02	1.83	48.36	115.81	27.54	0.0	0.004	16.0	24.27	1.27	202.4	0.0	0.0	0.0
498 DL	6.8	11.2	4.8	0.07	0.005	0.018	0.01	1.79	48.35	117.27	27.74	0.0	0.004	14.6	22.60	0.99	202.5	0.0	0.0	0.0
499 DL	7.1	10.7	6.6	0.07	0.006	0.017	0.02	1.71	48.36	120.90	28.23	0.0	0.003	12.1	19.71	0.88	202.5	0.0	0.0	0.0
500 DL	7.3	10.0	9.6	0.07	0.006	0.016	0.03	1.76	48.37	118.75	27.93	0.0	0.003	10.3	16.24	1.85	202.4	0.0	0.0	0.0
501 DL	7.3	9.4	8.7	0.08	0.006	0.015	0.02	1.93	48.36	112.28	27.09	0.0	0.002	8.8	12.75	2.31	202.4	0.0	0.0	0.0
502 DL	7.3	8.7	8.4	0.08	0.006	0.014	0.02	2.02	48.38	108.98	26.68	0.0	0.002	7.4	10.25	1.74	202.4	0.0	0.0	0.0
503 DL	7.3	8.0	10.0	0.08	0.006	0.013	0.03	2.10	48.38	106.28	26.36	0.0	0.002	6.1	8.10	1.80	202.4	0.0	0.0	0.0
504 DL	7.1	7.4	11.8	0.09	0.006	0.012	0.03	2.24	48.38	101.74	25.83	0.0	0.001	4.5	5.73	2.03	202.4	0.0	0.0	0.0
505 DL	7.0	7.0	12.7	0.10	0.006	0.011	0.03	2.42	48.40	96.50	25.24	0.0	0.001	3.6	4.15	2.26	202.3	0.0	0.0	0.0
506 DL	6.8	6.7	12.8	0.10	0.005	0.011	0.03	2.59	48.39	92.24	24.78	0.0	0.001	2.9	3.19	2.30	202.3	0.0	0.0	0.0
507 DL	6.7	6.4	13.1	0.11	0.005	0.010	0.03	2.70	48.39	89.50	24.50	0.0	0.001	2.4	2.51	2.25	202.3	0.0	0.0	0.0
508 DL	6.5	6.1	13.9	0.11	0.005	0.010	0.04	2.79	48.39	87.46	24.29	0.0	0.001	1.9	1.93	2.42	202.3	0.0	0.0	0.0
509 DL	6.4	6.0	14.6	0.12	0.005	0.010	0.04	2.90	48.40	84.93	24.04	0.0	0.000	0.4	0.50	2.79	202.3	0.0	0.0	0.0
510 DL	6.3	5.9	15.3	0.12	0.005	0.009	0.04	3.02	48.40	82.54	23.80	0.0	0.000	0.0	0.01	3.04	202.3	0.0	0.0	0.0
511 DL	6.2	5.9	15.5	0.12	0.005	0.009	0.04	3.12	48.40	80.58	23.61	0.0	0.000	0.0	1.11	3.05	202.3	0.0	0.0	0.0
512 DL	6.1	5.7	16.0	0.13	0.005	0.009	0.04	3.20	48.40	79.05	23.47	0.0	0.000	0.0	1.14	3.03	202.2	0.0	0.0	0.0
513 DL	5.9	5.6	16.0	0.13	0.005	0.009	0.04	3.28	48.40	77.68	23.34	0.0	0.000	0.0	1.17	2.93	202.1	0.0	0.0	0.0
514 DL	5.9	5.5	16.1	0.13	0.005	0.009	0.04	3.34	48.40	76.56	23.24	0.0	0.000	0.0	1.19	2.98	201.9	0.0	0.0	0.0
515 DL	5.8	5.5	16.1	0.13	0.005	0.009	0.04	3.38	48.41	75.84	23.17	0.0	0.000	0.0	1.21	2.99	201.8	0.0	0.0	0.0
516 DL	5.7	5.3	16.0	0.14	0.004	0.008	0.04	3.42	48.41	75.27	23.12	0.0	0.000	0.0	1.22	2.88	201.8	0.0	0.0	0.0
517 DL	5.6	5.2	15.9	0.14	0.004	0.008	0.04	3.45	48.41	74.81	23.08	0.0	0.000	0.0	1.23	3.04	201.9	0.0	0.0	0.0

518 DL	5.6	5.1	16.0	0.14	0.004	0.008	0.04	3.46	48.41	74.52	23.05	0.0	0.000	0.0	1.23	3.00	202.0	0.0	0.0	0.0
519 DL	5.5	5.1	15.9	0.14	0.004	0.008	0.04	3.48	48.40	74.26	23.02	0.0	0.000	0.0	1.24	2.96	202.0	0.0	0.0	0.0
520 DL	5.5	5.2	16.1	0.14	0.004	0.008	0.04	3.49	48.40	74.06	23.01	0.0	0.000	0.0	1.24	3.02	202.1	0.0	0.0	0.0
521 DL	5.4	5.2	16.0	0.14	0.004	0.008	0.04	3.51	48.41	73.74	22.98	0.0	0.000	0.0	1.25	3.15	202.1	0.0	0.0	0.0
522 DL	5.4	5.1	15.9	0.14	0.004	0.008	0.04	3.52	48.42	73.55	22.96	0.0	0.000	0.0	1.26	3.03	202.0	0.0	0.0	0.0
523 DL	5.3	5.1	16.0	0.14	0.004	0.008	0.04	3.53	48.41	73.42	22.95	0.0	0.000	0.0	1.26	2.94	202.0	0.0	0.0	0.0
524 DL	5.3	5.0	16.0	0.14	0.004	0.008	0.04	3.54	48.41	73.33	22.94	0.0	0.000	0.0	1.26	3.06	201.9	0.0	0.0	0.0
525 DL	5.2	5.0	15.9	0.14	0.004	0.008	0.04	3.54	48.42	73.34	22.94	0.0	0.000	0.0	1.26	3.06	201.8	0.0	0.0	0.0
526 DL	5.2	4.9	16.0	0.14	0.004	0.008	0.04	3.55	48.41	73.21	22.93	0.0	0.000	0.0	1.26	2.93	201.8	0.0	0.0	0.0
527 DL	5.2	4.9	16.1	0.14	0.004	0.008	0.04	3.56	48.41	73.03	22.91	0.0	0.000	0.0	1.27	2.94	201.7	0.0	0.0	0.0
528 DL	5.1	4.8	16.1	0.14	0.004	0.008	0.04	3.56	48.41	73.03	22.91	0.0	0.000	0.0	1.27	2.86	201.8	0.0	0.0	0.0
529 DL	5.1	4.8	16.1	0.14	0.004	0.008	0.04	3.56	48.41	73.03	22.91	0.0	0.000	0.0	1.27	2.82	201.7	0.0	0.0	0.0
530 DL	5.1	4.8	16.0	0.14	0.004	0.008	0.04	3.56	48.41	73.00	22.91	0.0	0.000	0.0	1.27	2.90	201.7	0.0	0.0	0.0
531 DL	5.0	4.7	16.2	0.14	0.004	0.007	0.04	3.57	48.42	72.88	22.90	0.0	0.000	0.0	1.27	2.85	201.7	0.0	0.0	0.0
532 DL	5.0	4.6	15.9	0.14	0.004	0.007	0.04	3.57	48.41	72.88	22.90	0.0	0.000	0.0	1.27	2.89	201.6	0.0	0.0	0.0
533 DL	5.0	4.6	15.9	0.14	0.004	0.007	0.04	3.57	48.41	72.92	22.90	0.0	0.000	0.0	1.27	2.91	201.4	0.0	0.0	0.0
534 DL	5.0	4.5	15.8	0.14	0.004	0.007	0.04	3.56	48.42	73.05	22.92	0.0	0.000	0.0	1.27	2.85	201.3	0.0	0.0	0.0
535 DL	5.0	4.5	15.9	0.14	0.004	0.007	0.04	3.56	48.41	73.05	22.92	0.0	0.000	0.0	1.27	2.85	201.2	0.0	0.0	0.0
536 DL	4.9	4.5	15.9	0.14	0.004	0.007	0.04	3.56	48.41	73.02	22.91	0.0	0.000	0.0	1.27	2.83	201.2	0.0	0.0	0.0
537 DL	4.9	4.4	15.8	0.14	0.004	0.007	0.04	3.57	48.41	72.92	22.90	0.0	0.000	0.0	1.27	2.86	201.2	0.0	0.0	0.0
538 DL	4.9	4.4	15.9	0.14	0.004	0.007	0.04	3.57	48.42	72.89	22.90	0.0	0.000	0.0	1.27	2.90	201.2	0.0	0.0	0.0
539 DL	4.9	4.4	15.8	0.14	0.004	0.007	0.04	3.57	48.41	72.90	22.90	0.0	0.000	0.0	1.27	2.85	201.2	0.0	0.0	0.0
540 DL	4.9	4.4	15.7	0.14	0.004	0.007	0.04	3.57	48.42	72.90	22.90	0.0	0.000	0.0	1.27	2.76	201.2	0.0	0.0	0.0
541 DL	4.9	4.4	15.7	0.14	0.004	0.007	0.04	3.57	48.42	72.90	22.90	0.0	0.000	0.0	1.27	2.79	201.3	0.0	0.0	0.0
542 DL	4.9	5.0	16.5	0.14	0.004	0.008	0.04	3.58	48.41	72.72	22.89	0.0	0.000	0.0	1.27	2.94	201.3	0.0	0.0	0.0
543 DL	5.0	7.4	20.0	0.15	0.004	0.012	0.05	3.69	48.41	70.97	22.73	0.0	0.000	1.6	1.04	2.81	201.3	0.0	0.0	0.0
544 DL	5.4	11.2	26.3	0.16	0.004	0.018	0.07	4.05	48.41	65.90	22.28	0.0	0.001	4.2	2.88	3.81	201.3	0.0	0.0	0.0
545 DL	5.7	13.7	30.3	0.19	0.004	0.022	0.08	4.68	48.41	58.56	21.67	0.0	0.001	5.0	2.97	7.28	201.3	0.0	0.0	0.0
546 DL	6.0	16.0	32.8	0.21	0.005	0.026	0.09	5.36	48.41	52.32	21.18	0.0	0.002	6.1	3.12	5.13	201.2	0.0	0.0	0.0
547 DL	6.5	23.5	40.2	0.24	0.005	0.038	0.11	6.12	48.40	46.70	20.75	0.0	0.002	7.3	3.31	4.48	201.2	0.0	0.0	0.0
548 DL	7.5	41.0	51.4	0.29	0.006	0.065	0.13	7.30	48.40	39.99	20.26	0.0	0.002	8.8	3.33	6.89	201.2	0.0	0.0	0.0
549 DL	9.0	66.2	66.8	0.36	0.007	0.106	0.18	9.09	48.41	32.83	19.76	0.0	0.003	10.6	3.20	9.83	201.2	0.0	0.0	0.0
550 DL	10.7	89.7	96.0	0.47	0.008	0.143	0.25	11.70	48.41	26.10	19.31	0.0	0.003	12.4	2.91	11.73	201.3	0.0	0.0	0.0
551 DL	12.2	98.1	138.8	0.62	0.010	0.156	0.36	15.47	48.39	20.20	18.95	0.0	0.004	15.8	2.81	11.43	201.4	0.0	0.0	0.0
552 DL	13.2	90.3	155.0	0.78	0.010	0.144	0.41	19.63	48.38	16.15	18.71	0.0	0.005	18.5	2.61	10.60	201.6	0.0	0.0	0.0
553 DL	13.8	80.2	139.0	0.89	0.011	0.128	0.36	22.41	48.34	14.22	18.60	0.0	0.006	20.2	2.52	9.20	201.8	0.0	0.0	0.0
554 DL	13.8	82.2	127.4	0.92	0.011	0.131	0.33	23.15	48.32	13.78	18.57	0.0	0.006	22.4	2.70	6.61	202.0	0.0	0.0	0.0
555 DL	13.2	98.8	122.9	0.90	0.010	0.157	0.32	22.65	48.31	14.04	18.59	0.0	0.007	23.8	2.93	5.94	202.1	0.0	0.0	0.0
556 DL	12.4	115.4	111.8	0.88	0.010	0.184	0.29	22.00	48.31	14.41	18.61	0.0	0.007	25.0	3.17	6.29	202.1	0.0	0.0	0.0
557 DL	11.7	127.1	100.6	0.85	0.009	0.202	0.26	21.35	48.32	14.81	18.63	0.0	0.007	26.0	3.38	7.08	202.1	0.0	0.0	0.0
558 DL	11.3	143.4	97.5	0.83	0.009	0.228	0.26	20.73	48.31	15.19	18.65	0.0	0.007	27.0	3.61	9.88	202.3	0.0	0.0	0.0
559 DL	11.1	176.1	106.5	0.82	0.009	0.280	0.28	20.57	48.32	15.25	18.65	0.0	0.008	28.1	3.77	12.55	202.4	0.0	0.0	0.0
560 DL	11.1	211.3	135.6	0.86	0.009	0.336	0.35	21.57	48.31	14.54	18.60	0.0	0.008	29.8	3.79	13.16	202.6	0.0	0.0	0.0
561 DL	11.4	217.1	175.8	0.96	0.009	0.346	0.46	23.93	48.32	13.20	18.52	0.0	0.009	31.7	3.64	12.45	202.7	0.0	0.0	0.0
562 DL	11.8	213.9	190.4	1.05	0.009	0.341	0.50	26.35	48.30	12.04	18.46	0.0	0.009	33.4	3.50	11.71	202.8	0.0	0.0	0.0
563 DL	11.9	211.0	179.0	1.09	0.009	0.336	0.47	27.33	48.27	11.63	18.44	0.0	0.010	34.6	3.51	10.22	202.8	0.0	0.0	0.0
564 DL	11.6	217.1	165.4	1.09	0.009	0.345	0.43	27.22	48.26	11.66	18.44	0.0	0.010	35.8	3.63	8.15	202.9	0.0	0.0	0.0
565 DL	11.4	217.1	160.7	1.09	0.009	0.345	0.42	27.16	48.26	11.69	18.44	0.0	0.010	36.9	3.76	8.12	203.0	0.0	0.0	0.0
566 DL	11.3	217.1	165.8	1.10	0.009	0.345	0.43	27.46	48.27	11.57	18.43	0.0	0.011	38.0	3.83	8.95	203.1	0.0	0.0	0.0
567 DL	11.2	217.1	169.8	1.12	0.009	0.345	0.44	27.93	48.26	11.38	18.42	0.0	0.011	39.2	3.88	10.47	203.3	0.0	0.0	0.0
568 DL	11.2	206.2	151.2	1.12	0.009	0.328	0.40	28.05	48.26	11.35	18.42	0.0	0.011	40.0	3.96	9.24	203.4	0.0	0.0	0.0
569 DL	11.1	166.9	113.1	1.07	0.009	0.266	0.30	26.86	48.25	11.87	18.45	0.0	0.011	40.1	4.15	6.30	203.6	0.0	0.0	0.0
570 DL	11.1	132.3	78.1	0.98	0.009	0.210	0.20	24.46	48.24	13.01	18.52	0.0	0.011	40.1	4.58	4.16	203.7	0.0	0.0	0.0
571 DL	11.2	104.5	49.2	0.86	0.009	0.166	0.13	21.55	48.25	14.72	18.63	0.0	0.011	39.6	5.14	2.96	203.7	0.0	0.0	0.0
572 DL	11.4	82.0	36.9	0.74	0.009	0.130	0.10	18.51	48.25	17.03	18.76	0.0	0.011	39.5	5.95	1.93	203.8	0.0	0.0	0.0
573 DL	11.7	65.9	36.2	0.64	0.009	0.105	0.09	15.89	48.25	19.67	18.93	0.0	0.011	39.4	6.92	1.92	203.9	0.0	0.0	0.0
574 DL	12.0	61.3	40.6	0.56	0.009	0.098	0.11	14.06	48.26	22.02	19.07	0.0	0.011	39.3	7.80	2.30	203.9	0.0	0.0	0.0
575 DL	12.5	76.7	52.6	0.53	0.010	0.122	0.14	13.27	48.27	23.15	19.14	0.0	0.011	39.5	8.28	3.16	204.0	0.0	0.0	0.0
576 DL	12.7	112.7	73.2	0.55	0.010	0.179	0.19	13.68	48.26	22.39	19.08	0.0	0.011	40.0	8.09	9.12	204.1	0.0	0.0	0.0

577 DL	12.6	149.5	100.2	0.61	0.010	0.230	0.26	15.31	48.26	20.11	18.94	0.0	0.011	40.8	7.34	14.24	204.2	0.0	0.0	0.0
578 DL	12.4	157.7	116.1	0.71	0.010	0.251	0.30	17.77	48.26	17.50	18.78	0.0	0.012	41.8	6.48	12.16	204.3	0.0	0.0	0.0
579 DL	12.2	137.9	101.8	0.78	0.010	0.219	0.27	19.47	48.25	16.10	18.70	0.0	0.012	41.9	5.98	7.73	204.4	0.0	0.0	0.0
580 DL	12.2	111.6	73.3	0.77	0.010	0.177	0.19	19.37	48.24	16.23	18.71	0.0	0.012	41.8	6.02	4.40	204.5	0.0	0.0	0.0
581 DL	12.4	98.1	58.6	0.72	0.010	0.156	0.15	17.98	48.24	17.43	18.79	0.0	0.012	41.7	6.46	2.50	204.6	0.0	0.0	0.0
582 DL	12.9	105.5	69.0	0.67	0.010	0.168	0.18	16.75	48.25	18.59	18.86	0.0	0.012	42.1	6.98	3.03	204.6	0.0	0.0	0.0
583 DL	13.2	118.8	87.2	0.67	0.010	0.189	0.23	16.83	48.25	18.48	18.85	0.0	0.012	42.6	7.02	7.50	204.6	0.0	0.0	0.0
584 DL	13.2	118.0	96.0	0.71	0.010	0.188	0.25	17.79	48.26	17.56	18.79	0.0	0.012	43.3	6.75	8.83	204.6	0.0	0.0	0.0
585 DL	13.0	107.2	85.0	0.74	0.010	0.171	0.22	18.40	48.25	17.03	18.76	0.0	0.012	43.3	6.55	6.49	204.7	0.0	0.0	0.0
586 DL	13.2	111.1	81.0	0.73	0.010	0.177	0.21	18.16	48.24	17.23	18.77	0.0	0.012	43.3	6.64	3.43	204.7	0.0	0.0	0.0
587 DL	13.5	121.4	100.3	0.73	0.011	0.193	0.26	18.32	48.24	17.07	18.76	0.0	0.012	44.1	6.69	4.94	204.7	0.0	0.0	0.0
588 DL	13.6	116.5	107.3	0.78	0.011	0.185	0.28	19.39	48.24	16.20	18.71	0.0	0.012	44.7	6.41	7.65	204.6	0.0	0.0	0.0
589 DL	13.7	99.9	94.5	0.80	0.011	0.159	0.25	20.03	48.24	15.74	18.69	0.0	0.012	44.9	6.25	5.10	204.6	0.0	0.0	0.0
590 DL	13.9	82.9	67.1	0.78	0.011	0.132	0.18	19.52	48.22	16.16	18.71	0.0	0.012	44.7	6.40	3.78	204.7	0.0	0.0	0.0
591 DL	15.0	72.0	51.4	0.71	0.012	0.115	0.13	17.82	48.23	17.63	18.80	0.0	0.012	44.3	6.94	2.35	204.7	0.0	0.0	0.0
592 DL	16.0	63.4	44.3	0.64	0.013	0.101	0.12	16.11	48.23	19.38	18.91	0.0	0.012	44.4	7.70	4.28	204.7	0.0	0.0	0.0
593 DL	17.0	60.2	40.7	0.59	0.013	0.096	0.11	14.67	48.24	21.15	19.02	0.0	0.012	43.9	8.35	3.14	204.6	0.0	0.0	0.0
594 DL	17.9	70.7	58.0	0.56	0.014	0.112	0.15	13.88	48.24	22.21	19.08	0.0	0.012	44.2	8.87	2.74	204.7	0.0	0.0	0.0
595 DL	18.1	82.6	81.9	0.58	0.014	0.131	0.21	14.49	48.25	21.32	19.03	0.0	0.012	44.8	8.59	6.08	204.7	0.0	0.0	0.0
596 DL	17.5	79.2	82.7	0.64	0.014	0.126	0.22	15.92	48.24	19.55	18.92	0.0	0.013	45.1	7.90	7.77	204.7	0.0	0.0	0.0
597 DL	16.9	72.4	64.4	0.66	0.013	0.115	0.17	16.46	48.23	18.97	18.88	0.0	0.012	44.8	7.60	4.33	204.8	0.0	0.0	0.0
598 DL	16.9	83.1	68.4	0.64	0.013	0.132	0.18	16.06	48.23	19.37	18.91	0.0	0.012	44.9	7.78	2.40	204.8	0.0	0.0	0.0
599 DL	17.0	99.8	97.8	0.66	0.013	0.159	0.26	16.50	48.24	18.86	18.87	0.0	0.013	45.7	7.69	5.33	205.0	0.0	0.0	0.0
600 DL	16.8	104.0	107.9	0.73	0.013	0.165	0.28	18.14	48.23	17.26	18.78	0.0	0.013	46.3	7.09	8.42	205.0	0.0	0.0	0.0
601 DL	16.8	107.0	113.2	0.78	0.013	0.170	0.30	19.48	48.23	16.14	18.71	0.0	0.013	46.5	6.64	5.27	205.1	0.0	0.0	0.0
602 DL	16.8	102.9	123.3	0.83	0.013	0.164	0.32	20.65	48.22	15.28	18.66	0.0	0.013	47.4	6.39	5.91	205.1	0.0	0.0	0.0
603 DL	16.6	87.3	97.5	0.86	0.013	0.139	0.25	21.37	48.21	14.82	18.64	0.0	0.013	47.4	6.21	5.74	205.2	0.0	0.0	0.0
604 DL	16.5	69.0	66.7	0.82	0.013	0.110	0.17	20.52	48.21	15.43	18.67	0.0	0.013	47.2	6.44	3.14	205.4	0.0	0.0	0.0
605 DL	16.6	55.4	51.3	0.75	0.013	0.088	0.13	18.62	48.20	16.95	18.77	0.0	0.013	47.0	7.07	2.01	205.5	0.0	0.0	0.0
606 DL	17.1	48.7	51.6	0.68	0.013	0.077	0.13	16.86	48.20	18.60	18.87	0.0	0.013	46.9	7.79	1.69	205.7	0.0	0.0	0.0
607 DL	17.6	51.9	63.2	0.64	0.014	0.082	0.16	16.04	48.21	19.47	18.92	0.0	0.013	47.1	8.21	2.33	205.9	0.0	0.0	0.0
608 DL	18.1	74.4	85.6	0.65	0.014	0.118	0.22	16.29	48.22	19.14	18.89	0.0	0.013	47.3	8.09	3.25	206.0	0.0	0.0	0.0
609 DL	18.5	98.9	131.8	0.72	0.015	0.157	0.34	18.02	48.22	17.40	18.78	0.0	0.013	48.1	7.42	5.24	206.1	0.0	0.0	0.0
610 DL	18.4	99.6	150.9	0.84	0.014	0.158	0.39	20.98	48.21	15.08	18.65	0.0	0.014	49.1	6.52	8.63	206.2	0.0	0.0	0.0
611 DL	18.2	85.5	128.9	0.92	0.014	0.136	0.34	22.93	48.19	13.86	18.58	0.0	0.014	49.3	6.01	6.09	206.3	0.0	0.0	0.0
612 DL	18.1	69.1	87.6	0.92	0.014	0.110	0.23	22.93	48.18	13.88	18.58	0.0	0.014	49.4	6.04	3.78	206.5	0.0	0.0	0.0
613 DL	18.2	55.3	54.6	0.84	0.014	0.088	0.14	21.08	48.18	15.07	18.65	0.0	0.014	48.7	6.49	2.29	206.7	0.0	0.0	0.0
614 DL	18.7	46.6	50.4	0.75	0.015	0.074	0.13	18.64	48.18	16.94	18.77	0.0	0.014	48.7	7.33	1.73	206.9	0.0	0.0	0.0
615 DL	19.3	44.8	61.7	0.69	0.015	0.071	0.16	17.15	48.19	18.31	18.85	0.0	0.014	48.8	7.97	2.19	207.0	0.0	0.0	0.0
616 DL	19.8	50.4	78.2	0.68	0.016	0.080	0.20	16.98	48.19	18.46	18.86	0.0	0.014	49.0	8.08	2.94	207.1	0.0	0.0	0.0
617 DL	20.3	63.8	100.9	0.71	0.016	0.101	0.26	17.80	48.19	17.64	18.81	0.0	0.014	49.3	7.75	3.97	207.3	0.0	0.0	0.0
618 DL	20.4	71.9	123.2	0.78	0.016	0.114	0.32	19.50	48.20	16.18	18.72	0.0	0.014	50.1	7.17	4.78	207.4	0.0	0.0	0.0
619 DL	20.0	66.3	103.0	0.85	0.016	0.105	0.27	21.10	48.18	15.02	18.65	0.0	0.014	50.2	6.66	5.17	207.6	0.0	0.0	0.0
620 DL	19.8	56.1	82.1	0.84	0.016	0.089	0.21	20.99	48.17	15.11	18.66	0.0	0.014	50.0	6.68	2.87	207.7	0.0	0.0	0.0
621 DL	19.8	46.7	73.0	0.81	0.016	0.074	0.19	20.13	48.18	15.74	18.70	0.0	0.014	50.1	6.99	2.23	207.8	0.0	0.0	0.0
622 DL	19.8	38.3	55.8	0.76	0.016	0.061	0.15	19.02	48.18	16.62	18.75	0.0	0.014	49.9	7.37	1.97	207.9	0.0	0.0	0.0
623 DL	19.8	34.7	33.2	0.68	0.016	0.055	0.09	17.02	48.18	18.48	18.86	0.0	0.014	49.0	8.09	1.51	208.0	0.0	0.0	0.0
624 DL	19.9	45.4	36.8	0.58	0.016	0.072	0.10	14.43	48.18	21.52	19.04	0.0	0.013	48.5	9.41	0.93	208.1	0.0	0.0	0.0
625 DL	20.3	65.3	77.0	0.55	0.016	0.104	0.20	13.65	48.20	22.55	19.11	0.0	0.014	49.2	10.04	3.91	208.3	0.0	0.0	0.0
626 DL	20.3	72.0	107.2	0.62	0.016	0.114	0.28	15.44	48.20	20.14	18.95	0.0	0.014	49.9	9.00	7.73	208.4	0.0	0.0	0.0
627 DL	19.9	64.2	97.7	0.70	0.016	0.102	0.26	17.49	48.19	17.93	18.82	0.0	0.014	49.9	7.97	5.37	208.5	0.0	0.0	0.0
628 DL	19.7	54.1	84.4	0.73	0.015	0.086	0.22	18.25	48.18	17.24	18.78	0.0	0.014	49.9	7.67	2.89	208.6	0.0	0.0	0.0
629 DL	19.7	46.0	68.6	0.73	0.016	0.073	0.18	18.21	48.17	17.29	18.79	0.0	0.014	50.0	7.70	2.29	208.7	0.0	0.0	0.0
630 DL	19.6	39.4	39.2	0.69	0.015	0.063	0.10	17.15	48.17	18.33	18.85	0.0	0.014	48.9	8.01	1.94	208.8	0.0	0.0	0.0
631 DL	19.3	34.9	30.9	0.60	0.015	0.055	0.08	14.94	48.18	20.88	19.01	0.0	0.013	48.5	9.10	1.16	208.9	0.0	0.0	0.0
632 DL	19.3	31.8	39.1	0.53	0.015	0.050	0.10	13.33	48.18	23.17	19.15	0.0	0.014	48.7	10.24	1.78	209.1	0.0	0.0	0.0
633 DL	19.6	29.3	38.4	0.51	0.015	0.046	0.10	12.67	48.19	24.29	19.22	0.0	0.013	48.1	10.64	2.47	209.1	0.0	0.0	0.0
634 DL	20.2	32.7	44.6	0.49	0.016	0.052	0.12	12.27	48.18	24.99	19.27	0.0	0.013	48.2	10.98	1.81	209.1	0.0	0.0	0.0
635 DL	20.9	53.1	65.7	0.50	0.016	0.084	0.17	12.59	48.20	24.33	19.22	0.0	0.013	48.2	10.68	2.40	209.1	0.0	0.0	0.0

636 DL	21.6	81.6	112.3	0.57	0.017	0.130	0.29	14.29	48.20	21.61	19.04	0.0	0.014	48.9	9.50	5.14	209.1	0.0	0.0	0.0
637 DL	21.6	90.5	140.1	0.71	0.017	0.144	0.39	17.63	48.20	17.79	18.81	0.0	0.014	49.0	7.86	7.81	209.1	0.0	0.0	0.0
638 DL	21.0	79.5	112.9	0.82	0.017	0.126	0.29	20.41	48.18	15.48	18.67	0.0	0.014	50.0	6.85	6.55	209.1	0.0	0.0	0.0
639 DL	20.7	66.2	72.7	0.82	0.016	0.105	0.19	20.37	48.16	15.53	18.68	0.0	0.014	49.5	6.80	3.45	209.1	0.0	0.0	0.0
640 DL	21.0	58.1	70.7	0.77	0.017	0.092	0.18	19.10	48.17	16.51	18.74	0.0	0.014	49.7	7.28	2.29	209.1	0.0	0.0	0.0
641 DL	21.3	53.0	80.4	0.74	0.017	0.084	0.21	18.55	48.18	16.97	18.77	0.0	0.014	49.9	7.53	3.04	209.1	0.0	0.0	0.0
642 DL	21.3	47.2	82.2	0.75	0.017	0.075	0.21	18.74	48.18	16.83	18.76	0.0	0.014	50.1	7.50	3.46	209.1	0.0	0.0	0.0
643 DL	21.1	40.5	69.5	0.75	0.017	0.064	0.18	18.72	48.17	16.85	18.76	0.0	0.014	50.1	7.51	2.90	209.1	0.0	0.0	0.0
644 DL	21.0	34.5	54.4	0.72	0.017	0.055	0.14	17.95	48.16	17.55	18.81	0.0	0.014	49.8	7.79	1.88	209.2	0.0	0.0	0.0
645 DL	21.1	30.2	47.7	0.67	0.017	0.048	0.12	16.75	48.17	18.74	18.88	0.0	0.014	49.6	8.32	1.60	209.2	0.0	0.0	0.0
646 DL	21.4	30.8	52.2	0.63	0.017	0.049	0.14	15.71	48.17	19.89	18.95	0.0	0.014	49.5	8.83	1.64	209.3	0.0	0.0	0.0
647 DL	22.0	37.8	70.1	0.62	0.017	0.060	0.18	15.50	48.18	20.12	18.96	0.0	0.014	49.7	8.97	2.24	209.3	0.0	0.0	0.0
648 DL	22.5	48.9	93.9	0.66	0.018	0.078	0.24	16.41	48.18	19.05	18.89	0.0	0.014	50.0	8.53	4.07	209.4	0.0	0.0	0.0
649 DL	22.9	60.2	127.6	0.73	0.018	0.096	0.33	18.15	48.17	17.32	18.79	0.0	0.014	50.6	7.78	4.57	209.5	0.0	0.0	0.0
650 DL	22.9	62.5	144.7	0.82	0.018	0.099	0.38	20.49	48.17	15.46	18.68	0.0	0.014	51.4	7.02	4.78	209.5	0.0	0.0	0.0
651 DL	22.4	55.3	107.7	0.88	0.018	0.088	0.28	22.01	48.15	14.44	18.62	0.0	0.014	51.4	6.55	4.75	209.7	0.0	0.0	0.0
652 DL	22.1	47.2	81.5	0.86	0.017	0.075	0.21	21.52	48.14	14.76	18.64	0.0	0.014	51.3	6.69	2.65	209.8	0.0	0.0	0.0
653 DL	22.1	41.0	74.4	0.82	0.017	0.065	0.19	20.46	48.14	15.49	18.68	0.0	0.014	51.3	7.04	2.06	209.9	0.0	0.0	0.0
654 DL	22.1	38.3	70.6	0.79	0.017	0.061	0.18	19.66	48.14	16.09	18.72	0.0	0.014	51.3	7.33	1.98	210.0	0.0	0.0	0.0
655 DL	22.4	46.3	77.6	0.77	0.018	0.074	0.20	19.11	48.15	16.52	18.74	0.0	0.014	51.3	7.53	1.81	210.2	0.0	0.0	0.0
656 DL	23.1	57.9	109.5	0.78	0.018	0.092	0.29	19.52	48.15	16.17	18.72	0.0	0.014	51.8	7.43	2.61	210.3	0.0	0.0	0.0
657 DL	23.1	58.5	119.8	0.85	0.018	0.093	0.31	21.16	48.15	14.98	18.65	0.0	0.015	52.4	6.94	4.61	210.5	0.0	0.0	0.0
658 DL	22.8	51.9	105.6	0.89	0.018	0.082	0.28	22.25	48.13	14.29	18.61	0.0	0.015	52.5	6.62	3.36	210.7	0.0	0.0	0.0
659 DL	22.7	45.1	93.1	0.89	0.018	0.072	0.24	22.29	48.14	14.28	18.61	0.0	0.015	52.6	6.62	2.47	210.8	0.0	0.0	0.0
660 DL	22.7	45.5	86.4	0.87	0.018	0.072	0.23	21.80	48.13	14.58	18.63	0.0	0.015	52.6	6.78	2.11	210.9	0.0	0.0	0.0
661 DL	23.3	53.9	102.8	0.86	0.018	0.085	0.27	21.46	48.14	14.79	18.64	0.0	0.015	52.7	6.89	1.94	211.0	0.0	0.0	0.0
662 DL	23.5	55.3	106.0	0.89	0.018	0.088	0.28	22.09	48.14	14.38	18.61	0.0	0.015	53.5	6.78	4.18	211.1	0.0	0.0	0.0
663 DL	23.3	49.0	81.6	0.89	0.018	0.078	0.21	22.17	48.11	14.33	18.61	0.0	0.015	53.0	6.71	3.44	211.3	0.0	0.0	0.0
664 DL	23.4	41.9	71.0	0.85	0.018	0.066	0.18	21.18	48.12	14.99	18.65	0.0	0.015	53.0	7.03	2.02	211.5	0.0	0.0	0.0
665 DL	23.5	35.8	67.8	0.81	0.018	0.057	0.18	20.10	48.12	15.76	18.70	0.0	0.015	52.9	7.39	1.78	211.6	0.0	0.0	0.0
666 DL	23.6	31.5	65.8	0.77	0.019	0.050	0.17	19.20	48.13	16.46	18.74	0.0	0.015	52.8	7.73	1.63	211.7	0.0	0.0	0.0
667 DL	23.8	28.8	65.1	0.74	0.019	0.046	0.17	18.51	48.14	17.05	18.78	0.0	0.015	52.8	8.01	1.62	211.8	0.0	0.0	0.0
668 DL	24.1	27.0	66.7	0.72	0.019	0.043	0.17	18.07	48.13	17.44	18.80	0.0	0.015	52.7	8.20	1.63	212.0	0.0	0.0	0.0
669 DL	24.2	25.3	58.2	0.71	0.019	0.040	0.15	17.75	48.13	17.74	18.82	0.0	0.015	52.7	8.34	1.79	212.1	0.0	0.0	0.0
670 DL	24.6	27.5	48.7	0.68	0.019	0.044	0.13	16.90	48.13	18.57	18.87	0.0	0.014	52.1	8.66	1.54	212.3	0.0	0.0	0.0
671 DL	25.5	36.2	66.1	0.65	0.020	0.057	0.17	16.09	48.14	19.41	18.92	0.0	0.014	52.1	9.07	1.52	212.5	0.0	0.0	0.0
672 DL	26.2	42.4	90.8	0.67	0.021	0.067	0.24	16.79	48.14	18.65	18.87	0.0	0.015	52.6	8.78	4.03	212.5	0.0	0.0	0.0
673 DL	25.9	45.0	81.0	0.72	0.020	0.071	0.21	18.07	48.14	17.40	18.79	0.0	0.015	52.7	8.18	4.05	212.7	0.0	0.0	0.0
674 DL	26.1	51.7	80.2	0.74	0.021	0.082	0.21	18.41	48.12	17.08	18.77	0.0	0.015	52.3	7.96	2.44	212.7	0.0	0.0	0.0
675 DL	26.3	54.8	102.3	0.77	0.021	0.087	0.27	19.09	48.14	16.50	18.74	0.0	0.015	53.1	7.77	3.94	212.8	0.0	0.0	0.0
676 DL	25.8	49.6	96.3	0.81	0.020	0.079	0.25	20.31	48.13	15.57	18.69	0.0	0.015	53.2	7.35	4.01	212.9	0.0	0.0	0.0
677 DL	25.2	42.5	76.4	0.82	0.020	0.067	0.20	20.45	48.12	15.49	18.68	0.0	0.015	53.0	7.27	2.53	213.0	0.0	0.0	0.0
678 DL	25.0	37.8	70.7	0.79	0.020	0.060	0.18	19.65	48.12	16.09	18.72	0.0	0.015	52.9	7.55	1.82	213.0	0.0	0.0	0.0
679 DL	25.2	35.7	78.7	0.77	0.020	0.057	0.21	19.11	48.13	16.52	18.74	0.0	0.015	53.0	7.78	1.96	213.1	0.0	0.0	0.0
680 DL	25.2	33.3	83.0	0.77	0.020	0.053	0.22	19.22	48.13	16.44	18.74	0.0	0.015	53.2	7.77	2.48	213.1	0.0	0.0	0.0
681 DL	25.0	30.2	70.8	0.77	0.020	0.048	0.18	19.31	48.13	16.38	18.74	0.0	0.015	53.1	7.72	2.55	213.1	0.0	0.0	0.0
682 DL	24.9	30.0	62.1	0.75	0.020	0.048	0.16	18.66	48.12	16.90	18.77	0.0	0.015	52.8	7.94	1.80	213.0	0.0	0.0	0.0
683 DL	25.4	42.7	76.2	0.72	0.020	0.068	0.20	18.05	48.13	17.42	18.80	0.0	0.015	52.8	8.20	1.73	213.1	0.0	0.0	0.0
684 DL	26.3	63.6	130.4	0.76	0.021	0.101	0.34	18.85	48.13	16.69	18.75	0.0	0.015	53.3	7.90	2.82	213.0	0.0	0.0	0.0
685 DL	26.7	70.5	179.8	0.88	0.021	0.112	0.47	21.87	48.14	14.52	18.62	0.0	0.015	54.4	6.94	6.17	213.0	0.0	0.0	0.0
686 DL	26.2	62.8	153.7	1.00	0.021	0.100	0.40	24.90	48.12	12.82	18.52	0.0	0.015	54.8	6.17	7.34	213.0	0.0	0.0	0.0
687 DL	25.7	52.7	114.5	1.02	0.020	0.084	0.30	25.46	48.09	12.55	18.51	0.0	0.015	54.7	6.03	4.59	213.0	0.0	0.0	0.0
688 DL	25.5	44.7	98.4	0.99	0.020	0.071	0.26	24.63	48.09	12.97	18.53	0.0	0.015	54.8	6.25	3.05	213.1	0.0	0.0	0.0
689 DL	25.4	38.2	90.2	0.95	0.020	0.060	0.23	23.65	48.09	13.49	18.56	0.0	0.015	54.9	6.53	2.51	213.1	0.0	0.0	0.0
690 DL	25.3	33.0	81.6	0.91	0.020	0.052	0.21	22.65	48.10	14.07	18.60	0.0	0.015	54.9	6.81	2.09	213.1	0.0	0.0	0.0
691 DL	25.4	29.5	75.4	0.87	0.020	0.047	0.20	21.58	48.09	14.73	18.64	0.0	0.015	54.8	7.14	1.84	213.2	0.0	0.0	0.0
692 DL	25.5	27.0	71.7	0.83	0.020	0.043	0.19	20.65	48.09	15.36	18.68	0.0	0.015	54.7	7.45	1.77	213.3	0.0	0.0	0.0
693 DL	25.7	25.3	69.3	0.80	0.020	0.040	0.18	19.91	48.09	15.90	18.71	0.0	0.015	54.6	7.71	1.76	213.4	0.0	0.0	0.0
694 DL	26.0	24.9	70.2	0.77	0.020	0.039	0.18	19.31	48.10	16.37	18.74	0.0	0.015	54.5	7.93	1.77	213.5	0.0	0.0	0.0

695 DL	26.4	26.4	80.6	0.77	0.021	0.042	0.21	19.07	48.10	16.56	18.75	0.0	0.015	54.6	8.04	1.89	213.7	0.0	0.0	0.0
696 DL	26.8	28.1	93.1	0.78	0.021	0.045	0.24	19.53	48.10	16.19	18.73	0.0	0.015	54.8	7.88	2.61	213.8	0.0	0.0	0.0
697 DL	26.9	28.1	96.1	0.82	0.021	0.044	0.25	20.37	48.10	15.56	18.69	0.0	0.015	55.0	7.59	2.95	213.9	0.0	0.0	0.0
698 DL	26.7	26.4	77.5	0.83	0.021	0.042	0.20	20.77	48.09	15.28	18.67	0.0	0.015	55.0	7.45	2.80	214.0	0.0	0.0	0.0
699 DL	26.9	26.9	59.6	0.80	0.021	0.043	0.16	19.88	48.08	15.93	18.71	0.0	0.015	54.5	7.70	2.00	214.1	0.0	0.0	0.0
700 DL	27.7	31.2	72.4	0.75	0.022	0.049	0.19	18.74	48.10	16.83	18.76	0.0	0.015	54.5	8.17	1.91	214.3	0.0	0.0	0.0
701 DL	28.3	35.5	99.4	0.76	0.022	0.056	0.26	19.06	48.11	16.55	18.75	0.0	0.015	54.9	8.07	3.61	214.4	0.0	0.0	0.0
702 DL	28.3	35.3	102.9	0.82	0.022	0.056	0.27	20.43	48.10	15.50	18.68	0.0	0.015	55.3	7.59	3.67	214.5	0.0	0.0	0.0
703 DL	27.9	31.7	61.5	0.83	0.022	0.050	0.16	20.61	48.08	15.37	18.68	0.0	0.015	54.8	7.47	3.24	214.7	0.0	0.0	0.0
704 DL	27.9	28.4	38.9	0.73	0.022	0.045	0.10	18.24	48.09	17.29	18.79	0.0	0.015	53.8	8.28	1.91	214.8	0.0	0.0	0.0
705 DL	28.1	26.9	49.4	0.64	0.022	0.043	0.13	15.95	48.10	19.58	18.93	0.0	0.015	54.0	9.48	1.70	215.0	0.0	0.0	0.0
706 DL	28.3	26.8	64.6	0.62	0.022	0.043	0.17	15.58	48.11	20.01	18.96	0.0	0.015	53.9	9.70	2.11	215.2	0.0	0.0	0.0
707 DL	28.2	27.6	77.7	0.65	0.022	0.044	0.20	16.31	48.11	19.17	18.91	0.0	0.015	54.0	9.28	2.19	215.3	0.0	0.0	0.0
708 DL	28.1	27.7	86.6	0.70	0.022	0.044	0.23	17.46	48.10	17.99	18.83	0.0	0.015	54.1	8.70	2.33	215.5	0.0	0.0	0.0
709 DL	27.8	26.3	77.2	0.74	0.022	0.042	0.20	18.47	48.10	17.06	18.78	0.0	0.015	54.3	8.25	2.57	215.5	0.0	0.0	0.0
710 DL	27.8	28.9	57.7	0.74	0.022	0.046	0.15	18.37	48.10	17.15	18.78	0.0	0.015	53.7	8.21	1.97	215.6	0.0	0.0	0.0
711 DL	28.5	46.1	75.4	0.71	0.022	0.073	0.20	17.67	48.10	17.74	18.82	0.0	0.015	53.6	8.49	1.72	215.8	0.0	0.0	0.0
712 DL	29.4	66.7	143.5	0.75	0.023	0.106	0.37	18.77	48.12	16.75	18.75	0.0	0.015	54.4	8.08	4.04	215.9	0.0	0.0	0.0
713 DL	29.5	71.0	198.7	0.89	0.023	0.113	0.52	22.22	48.12	14.30	18.60	0.0	0.015	55.3	6.96	6.87	216.0	0.0	0.0	0.0
714 DL	28.7	63.0	171.2	1.03	0.023	0.100	0.45	25.62	48.09	12.47	18.50	0.0	0.016	55.9	6.12	7.19	216.2	0.0	0.0	0.0
715 DL	28.1	55.5	131.1	1.07	0.022	0.088	0.34	26.59	48.07	12.03	18.48	0.0	0.016	55.8	5.89	4.83	216.3	0.0	0.0	0.0
716 DL	28.1	54.5	127.8	1.05	0.022	0.086	0.33	26.22	48.06	12.19	18.49	0.0	0.016	56.2	6.01	3.52	216.3	0.0	0.0	0.0
717 DL	28.4	54.7	146.1	1.06	0.022	0.087	0.38	26.40	48.08	12.12	18.48	0.0	0.016	56.6	6.01	3.49	216.5	0.0	0.0	0.0
718 DL	28.3	49.0	114.1	1.08	0.022	0.078	0.30	26.79	48.06	11.95	18.47	0.0	0.016	56.9	5.97	4.70	216.7	0.0	0.0	0.0
719 DL	28.9	43.0	62.7	1.00	0.023	0.068	0.16	24.92	48.04	12.82	18.52	0.0	0.016	56.1	6.32	3.60	216.8	0.0	0.0	0.0
720 DL	30.4	44.1	58.0	0.87	0.024	0.070	0.15	21.56	48.05	14.71	18.63	0.0	0.015	55.5	7.22	2.14	216.9	0.0	0.0	0.0
721 DL	31.7	48.4	92.8	0.81	0.025	0.077	0.24	20.13	48.08	15.68	18.69	0.0	0.016	56.0	7.78	3.31	216.9	0.0	0.0	0.0
722 DL	31.6	47.3	107.8	0.84	0.025	0.075	0.28	21.03	48.08	15.05	18.65	0.0	0.016	56.4	7.52	4.90	216.9	0.0	0.0	0.0
723 DL	31.0	41.8	84.4	0.87	0.024	0.066	0.22	21.69	48.06	14.62	18.63	0.0	0.016	56.1	7.26	3.68	216.9	0.0	0.0	0.0
724 DL	30.8	37.4	74.7	0.84	0.024	0.059	0.19	20.99	48.07	15.09	18.66	0.0	0.016	55.9	7.47	2.47	217.0	0.0	0.0	0.0
725 DL	30.7	34.7	80.3	0.82	0.024	0.055	0.21	20.38	48.07	15.52	18.68	0.0	0.016	56.0	7.71	2.35	217.0	0.0	0.0	0.0
726 DL	30.4	34.5	79.9	0.82	0.024	0.055	0.21	20.34	48.07	15.55	18.69	0.0	0.016	56.0	7.73	2.56	216.9	0.0	0.0	0.0
727 DL	30.5	43.0	89.7	0.82	0.024	0.068	0.23	20.36	48.06	15.52	18.68	0.0	0.016	55.9	7.69	2.23	216.8	0.0	0.0	0.0
728 DL	31.0	52.8	131.6	0.86	0.024	0.084	0.34	21.32	48.08	14.86	18.64	0.0	0.016	56.4	7.40	3.24	216.9	0.0	0.0	0.0
729 DL	30.7	51.8	134.1	0.94	0.024	0.082	0.35	23.50	48.07	13.55	18.56	0.0	0.016	57.0	6.80	5.42	216.9	0.0	0.0	0.0
730 DL	30.1	45.7	111.6	0.99	0.024	0.072	0.29	24.63	48.05	12.95	18.53	0.0	0.016	56.9	6.48	3.99	216.9	0.0	0.0	0.0
731 DL	29.8	40.0	99.6	0.98	0.023	0.063	0.26	24.51	48.05	13.02	18.54	0.0	0.016	57.1	6.54	3.22	217.0	0.0	0.0	0.0
732 DL	29.5	37.0	91.4	0.96	0.023	0.059	0.24	23.98	48.05	13.30	18.55	0.0	0.016	57.0	6.68	2.82	216.9	0.0	0.0	0.0
733 DL	29.7	42.9	96.7	0.94	0.023	0.068	0.25	23.35	48.05	13.63	18.57	0.0	0.016	57.0	6.85	2.46	216.9	0.0	0.0	0.0
734 DL	30.4	52.1	137.2	0.95	0.024	0.082	0.36	23.71	48.06	13.42	18.56	0.0	0.016	57.3	6.77	2.80	216.9	0.0	0.0	0.0
735 DL	30.4	51.7	144.7	1.03	0.024	0.082	0.38	25.63	48.07	12.47	18.50	0.0	0.016	58.1	6.36	5.15	217.0	0.0	0.0	0.0
736 DL	30.0	45.3	117.8	1.07	0.024	0.072	0.31	26.68	48.04	12.00	18.48	0.0	0.016	58.0	6.11	4.66	217.1	0.0	0.0	0.0
737 DL	29.8	38.7	93.9	1.05	0.023	0.061	0.24	26.09	48.04	12.26	18.49	0.0	0.016	58.1	6.25	3.48	217.2	0.0	0.0	0.0
738 DL	29.8	34.0	78.7	0.99	0.023	0.054	0.20	24.63	48.03	12.96	18.53	0.0	0.016	57.8	6.60	2.68	217.4	0.0	0.0	0.0
739 DL	30.1	32.0	79.2	0.93	0.024	0.051	0.21	23.13	48.05	13.77	18.58	0.0	0.016	57.7	7.01	2.41	217.6	0.0	0.0	0.0
740 DL	30.6	32.5	93.4	0.90	0.024	0.051	0.24	22.40	48.05	14.19	18.61	0.0	0.016	57.8	7.25	2.63	217.7	0.0	0.0	0.0
741 DL	30.9	32.8	110.3	0.91	0.024	0.052	0.29	22.77	48.06	13.98	18.59	0.0	0.016	58.1	7.17	3.67	217.9	0.0	0.0	0.0
742 DL	30.8	31.1	108.8	0.95	0.024	0.049	0.28	23.56	48.05	13.53	18.57	0.0	0.016	58.3	6.96	3.84	218.0	0.0	0.0	0.0
743 DL	30.4	27.7	85.5	0.95	0.024	0.044	0.22	23.68	48.04	13.46	18.56	0.0	0.016	58.3	6.92	3.22	218.2	0.0	0.0	0.0
744 DL	29.6	23.1	45.8	0.88	0.023	0.037	0.12	21.96	48.02	14.49	18.62	0.0	0.016	57.4	7.36	2.62	218.4	0.0	0.0	0.0
745 DL	27.6	19.8	21.0	0.73	0.022	0.031	0.05	18.05	48.04	17.51	18.80	0.0	0.016	56.2	8.76	1.66	218.5	0.0	0.0	0.0
746 DL	26.2	22.3	25.7	0.57	0.021	0.035	0.07	14.11	48.06	22.01	19.08	0.0	0.015	55.4	11.03	1.13	218.6	0.0	0.0	0.0
747 DL	26.6	30.5	61.1	0.51	0.021	0.048	0.16	12.78	48.07	24.00	19.20	0.0	0.015	55.8	12.20	2.12	218.8	0.0	0.0	0.0
748 DL	27.5	36.9	100.6	0.58	0.022	0.058	0.26	14.43	48.08	21.49	19.04	0.0	0.016	56.1	10.86	4.59	218.9	0.0	0.0	0.0
749 DL	28.0	36.2	101.1	0.69	0.022	0.057	0.26	17.17	48.08	18.27	18.85	0.0	0.016	56.5	9.22	4.60	219.1	0.0	0.0	0.0
750 DL	28.8	31.9	58.5	0.73	0.023	0.051	0.15	18.14	48.05	17.32	18.79	0.0	0.015	55.7	8.62	3.42	219.2	0.0	0.0	0.0
751 DL	30.9	28.4	36.4	0.66	0.024	0.045	0.09	16.41	48.06	19.06	18.90	0.0	0.015	54.8	9.37	1.92	219.3	0.0	0.0	0.0
752 DL	32.9	27.7	46.1	0.59	0.026	0.044	0.12	14.68	48.07	21.12	19.02	0.0	0.015	54.8	10.46	1.72	219.5	0.0	0.0	0.0
753 DL	33.8	29.9	67.4	0.59	0.027	0.047	0.18	14.65	48.08	21.16	19.03	0.0	0.015	54.8	10.47	2.33	219.6	0.0	0.0	0.0

755 DL	33.9	33.7	89.8	0.64	0.027	0.053	0.23	15.93	48.08	19.58	18.93	0.0	0.017	55.1	10.64	2.91	219.7	0.0	0.0	0.0
755 DL	33.4	37.1	111.2	0.72	0.026	0.059	0.29	17.95	48.08	17.50	18.80	0.0	0.014	55.4	7.78	3.32	219.8	0.0	0.0	0.0
756 DL	32.8	37.9	126.2	0.81	0.026	0.060	0.33	20.21	48.08	15.65	18.69	0.0	0.015	55.8	7.73	3.41	220.0	0.0	0.0	0.0
757 DL	31.9	35.3	116.1	0.88	0.025	0.056	0.30	22.03	48.06	14.42	18.62	0.0	0.016	56.1	7.15	3.23	220.0	0.0	0.0	0.0
758 DL	30.8	30.2	70.5	0.89	0.024	0.048	0.18	22.20	48.05	14.32	18.61	0.0	0.016	55.7	7.06	2.83	220.1	0.0	0.0	0.0
759 DL	29.0	24.8	30.4	0.79	0.023	0.039	0.08	19.68	48.04	16.09	18.72	0.0	0.015	54.4	7.77	1.87	220.2	0.0	0.0	0.0
760 DL	27.0	22.2	19.3	0.63	0.021	0.035	0.05	15.70	48.06	19.95	18.95	0.0	0.015	53.6	9.59	1.14	220.3	0.0	0.0	0.0
761 DL	26.1	24.2	39.0	0.51	0.020	0.038	0.10	12.73	48.08	24.16	19.21	0.0	0.015	53.5	11.77	1.19	220.4	0.0	0.0	0.0
762 DL	26.4	29.5	69.1	0.50	0.021	0.047	0.18	12.54	48.09	24.46	19.23	0.0	0.015	53.7	11.98	2.75	220.5	0.0	0.0	0.0
763 DL	27.1	35.1	96.6	0.57	0.021	0.056	0.25	14.28	48.08	21.70	19.06	0.0	0.015	54.0	10.57	3.55	220.5	0.0	0.0	0.0
764 DL	27.4	36.5	107.8	0.67	0.021	0.058	0.28	16.70	48.09	18.75	18.88	0.0	0.015	54.4	9.12	3.78	220.4	0.0	0.0	0.0
765 DL	27.2	33.7	88.5	0.74	0.021	0.053	0.23	18.48	48.07	17.04	18.78	0.0	0.015	54.4	8.26	3.28	220.3	0.0	0.0	0.0
766 DL	27.2	30.9	76.4	0.75	0.021	0.049	0.20	18.77	48.07	16.79	18.76	0.0	0.015	54.2	8.10	2.28	220.3	0.0	0.0	0.0
767 DL	27.4	29.8	79.6	0.75	0.022	0.047	0.21	18.67	48.08	16.88	18.77	0.0	0.015	54.3	8.16	2.17	220.3	0.0	0.0	0.0
768 DL	27.7	29.7	86.7	0.76	0.022	0.047	0.23	18.93	48.08	16.66	18.75	0.0	0.015	54.4	8.06	2.37	220.2	0.0	0.0	0.0
770 DL	27.8	30.2	93.1	0.78	0.022	0.048	0.24	19.53	48.08	16.18	18.72	0.0	0.017	54.5	8.63	2.61	220.2	0.0	0.0	0.0
770 DL	27.8	30.4	97.5	0.82	0.022	0.048	0.25	20.31	48.07	15.59	18.69	0.0	0.014	54.8	6.81	2.77	220.1	0.0	0.0	0.0
771 DL	27.7	29.6	97.6	0.85	0.022	0.047	0.25	21.08	48.08	15.05	18.66	0.0	0.015	54.9	7.32	2.84	220.1	0.0	0.0	0.0
772 DL	27.4	26.8	74.5	0.86	0.022	0.042	0.19	21.34	48.07	14.88	18.65	0.0	0.015	55.1	7.26	2.85	220.0	0.0	0.0	0.0
774 DL	26.3	22.5	36.0	0.79	0.021	0.036	0.09	19.74	48.06	16.05	18.72	0.0	0.016	53.7	8.42	2.23	219.9	0.0	0.0	0.0
775 DL	24.4	18.1	15.9	0.66	0.019	0.029	0.04	16.36	48.06	19.21	18.91	0.0	0.014	51.3	8.83	1.20	220.0	0.0	0.0	0.0
776 DL	22.1	14.2	9.3	0.51	0.017	0.022	0.02	12.75	48.07	24.28	19.22	0.0	0.014	48.7	10.73	0.89	220.0	0.0	0.0	0.0
777 DL	20.0	11.2	7.1	0.39	0.016	0.018	0.02	9.60	48.08	31.46	19.68	0.0	0.013	45.7	13.39	0.78	220.1	0.0	0.0	0.0
778 DL	18.2	9.3	6.2	0.29	0.014	0.015	0.02	7.27	48.09	40.18	20.28	0.0	0.012	43.8	16.88	0.76	220.0	0.0	0.0	0.0
779 DL	16.7	8.1	5.7	0.23	0.013	0.013	0.01	5.79	48.10	48.79	20.91	0.0	0.012	42.6	20.56	0.77	220.1	0.0	0.0	0.0
780 DL	15.6	6.9	5.3	0.19	0.012	0.011	0.01	4.83	48.11	56.72	21.52	0.0	0.011	41.2	23.84	0.67	220.1	0.0	0.0	0.0
781 DL	14.5	5.7	5.0	0.16	0.011	0.009	0.01	4.06	48.11	65.33	22.23	0.0	0.011	40.5	27.89	0.63	220.1	0.0	0.0	0.0
782 DL	13.7	4.8	4.7	0.13	0.011	0.008	0.01	3.31	48.12	76.54	23.22	0.0	0.011	38.3	32.31	0.62	220.1	0.0	0.0	0.0
783 DL	12.9	4.2	4.5	0.11	0.010	0.007	0.01	2.67	48.13	89.80	24.52	0.0	0.010	36.6	38.24	0.62	220.2	0.0	0.0	0.0
784 DL	12.3	3.9	4.1	0.09	0.010	0.006	0.01	2.23	48.14	101.86	25.84	0.0	0.010	35.2	43.96	0.57	220.2	0.0	0.0	0.0
785 DL	11.8	3.7	3.7	0.08	0.009	0.006	0.01	1.97	48.14	110.61	26.89	0.0	0.010	34.8	49.12	0.59	220.2	0.0	0.0	0.0
786 DL	11.4	3.5	3.8	0.07	0.009	0.005	0.01	1.77	48.16	118.52	27.91	0.0	0.009	33.3	52.34	0.62	220.2	0.0	0.0	0.0
787 DL	10.9	3.1	3.7	0.06	0.009	0.005	0.01	1.54	48.16	128.83	29.36	0.0	0.009	32.3	58.01	0.58	220.3	0.0	0.0	0.0
788 DL	10.5	2.9	3.6	0.05	0.008	0.005	0.01	1.30	48.17	142.39	31.51	0.0	0.009	31.3	66.88	0.57	220.3	0.0	0.0	0.0
789 DL	10.2	2.8	3.6	0.04	0.008	0.004	0.01	1.09	48.18	155.68	33.97	0.0	0.008	29.2	73.58	0.59	220.4	0.0	0.0	0.0
790 DL	9.8	2.7	3.3	0.04	0.008	0.004	0.01	0.98	48.18	164.57	35.85	0.0	0.008	27.2	76.52	0.57	220.3	0.0	0.0	0.0
791 DL	9.4	2.4	3.3	0.04	0.007	0.004	0.01	0.90	48.18	171.51	37.45	0.0	0.007	24.8	75.95	0.58	220.3	0.0	0.0	0.0
792 DL	9.0	2.2	3.3	0.03	0.007	0.003	0.01	0.81	48.20	180.17	39.67	0.0	0.006	23.0	78.49	0.58	220.3	0.0	0.0	0.0
793 DL	8.7	2.2	3.4	0.03	0.007	0.003	0.01	0.70	48.21	191.54	43.01	0.0	0.006	21.0	82.42	0.56	220.3	0.0	0.0	0.0
794 DL	8.5	2.3	4.9	0.03	0.007	0.004	0.01	0.64	48.21	197.33	44.96	0.0	0.005	19.3	81.70	0.59	220.2	0.0	0.0	0.0
795 DL	8.5	2.7	6.7	0.03	0.007	0.004	0.02	0.76	48.22	184.68	40.89	0.0	0.005	16.6	59.64	0.99	220.3	0.0	0.0	0.0
796 DL	8.8	3.2	6.8	0.04	0.007	0.005	0.02	0.97	48.22	165.39	36.01	0.0	0.004	14.7	41.71	1.25	220.3	0.0	0.0	0.0
797 DL	9.1	3.6	8.4	0.05	0.007	0.006	0.02	1.15	48.23	152.20	33.29	0.0	0.003	12.2	29.63	1.25	220.3	0.0	0.0	0.0
798 DL	9.4	4.0	10.2	0.06	0.007	0.006	0.03	1.39	48.24	137.14	30.63	0.0	0.003	11.0	21.97	1.74	220.2	0.0	0.0	0.0
799 DL	9.6	4.2	8.8	0.06	0.008	0.007	0.02	1.62	48.24	124.98	28.80	0.0	0.003	9.2	15.73	1.69	220.2	0.0	0.0	0.0
800 DL	9.8	4.3	8.7	0.07	0.008	0.007	0.02	1.72	48.24	120.48	28.18	0.0	0.002	7.7	12.52	1.56	220.2	0.0	0.0	0.0
801 DL	9.8	4.2	10.3	0.07	0.008	0.007	0.03	1.81	48.25	116.97	27.71	0.0	0.002	5.7	8.91	1.70	220.1	0.0	0.0	0.0
802 DL	9.7	4.2	12.2	0.08	0.008	0.007	0.03	1.97	48.25	110.68	26.90	0.0	0.001	3.5	5.11	1.92	220.1	0.0	0.0	0.0
803 DL	9.5	4.2	13.8	0.09	0.008	0.007	0.04	2.20	48.25	102.99	25.97	0.0	0.001	2.4	3.18	2.17	220.1	0.0	0.0	0.0
804 DL	9.4	4.3	14.4	0.10	0.007	0.007	0.04	2.43	48.26	96.21	25.21	0.0	0.000	1.3	1.53	2.36	220.0	0.0	0.0	0.0
805 DL	9.2	4.3	15.4	0.10	0.007	0.007	0.04	2.63	48.27	91.12	24.67	0.0	0.000	0.4	0.49	2.55	220.0	0.0	0.0	0.0
806 DL	9.0	4.4	16.2	0.11	0.007	0.007	0.04	2.80	48.27	87.06	24.25	0.0	0.000	0.0	0.01	2.73	219.9	0.0	0.0	0.0
807 DL	8.8	4.5	16.5	0.12	0.007	0.007	0.04	2.96	48.27	83.63	23.91	0.0	0.000	0.0	1.06	2.80	219.8	0.0	0.0	0.0
808 DL	8.6	4.6	16.8	0.12	0.007	0.007	0.04	3.11	48.28	80.57	23.61	0.0	0.000	0.0	1.11	2.84	219.7	0.0	0.0	0.0
809 DL	8.5	4.6	16.9	0.13	0.007	0.007	0.04	3.24	48.28	78.11	23.38	0.0	0.000	0.0	1.16	2.73	219.6	0.0	0.0	0.0
810 DL	8.3	4.6	16.8	0.13	0.007	0.007	0.04	3.33	48.28	76.59	23.24	0.0	0.000	0.0	1.19	2.75	219.4	0.0	0.0	0.0
811 DL	8.2	4.6	16.7	0.14	0.006	0.007	0.04	3.38	48.29	75.70	23.16	0.0	0.000	0.0	1.21	2.63	219.4	0.0	0.0	0.0
812 DL	8.1	4.6	16.9	0.14	0.006	0.007	0.04	3.42	48.29	75.03	23.10	0.0	0.000	0.0	1.22	2.65	219.3	0.0	0.0	0.0
813 DL	8.0	4.6	17.0	0.14	0.006	0.007	0.04	3.47	48.29	74.24	23.02	0.0	0.000	0.0	1.24	2.72	219.3	0.0	0.0	0.0

814 DL	7.9	4.6	17.0	0.14	0.006	0.007	0.04	3.51	48.29	73.60	22.97	0.0	0.000	0.0	1.25	2.73	219.2	0.0	0.0	0.0
815 DL	7.8	4.5	17.0	0.14	0.006	0.007	0.04	3.53	48.31	73.31	22.94	0.0	0.000	0.0	1.26	2.68	219.1	0.0	0.0	0.0
816 DL	7.7	4.5	17.0	0.14	0.006	0.007	0.04	3.53	48.30	73.23	22.93	0.0	0.000	0.0	1.26	2.61	219.0	0.0	0.0	0.0
817 DL	7.6	4.5	17.1	0.14	0.006	0.007	0.04	3.54	48.30	73.04	22.91	0.0	0.000	0.0	1.26	2.70	219.0	0.0	0.0	0.0
818 DL	7.6	4.5	17.2	0.14	0.006	0.007	0.05	3.57	48.31	72.69	22.88	0.0	0.000	0.0	1.27	2.76	219.0	0.0	0.0	0.0
819 DL	7.5	4.5	17.2	0.14	0.006	0.007	0.04	3.58	48.31	72.44	22.86	0.0	0.000	0.0	1.28	2.63	218.9	0.0	0.0	0.0
820 DL	7.4	4.5	17.1	0.14	0.006	0.007	0.04	3.59	48.32	72.32	22.85	0.0	0.000	0.0	1.28	2.63	218.9	0.0	0.0	0.0
821 DL	7.4	4.6	17.0	0.14	0.006	0.007	0.04	3.59	48.32	72.29	22.85	0.0	0.000	0.0	1.28	2.73	218.8	0.0	0.0	0.0
822 DL	7.3	4.6	17.1	0.14	0.006	0.007	0.04	3.61	48.32	72.10	22.83	0.0	0.000	0.0	1.29	2.74	218.7	0.0	0.0	0.0
823 DL	7.3	4.7	17.0	0.14	0.006	0.007	0.04	3.62	48.33	71.89	22.81	0.0	0.000	0.0	1.29	2.68	218.7	0.0	0.0	0.0
824 DL	7.2	4.7	17.1	0.14	0.006	0.008	0.04	3.63	48.33	71.74	22.80	0.0	0.000	0.0	1.29	2.59	218.6	0.0	0.0	0.0
825 DL	7.1	4.7	17.2	0.15	0.006	0.007	0.04	3.63	48.33	71.71	22.80	0.0	0.000	0.0	1.29	2.63	218.5	0.0	0.0	0.0
826 DL	7.1	4.6	17.2	0.15	0.006	0.007	0.04	3.63	48.33	71.71	22.80	0.0	0.000	0.0	1.29	2.63	218.5	0.0	0.0	0.0
827 DL	7.0	4.5	17.1	0.15	0.006	0.007	0.04	3.63	48.33	71.72	22.80	0.0	0.000	0.0	1.29	2.61	218.4	0.0	0.0	0.0
828 DL	7.0	4.4	17.1	0.15	0.006	0.007	0.04	3.64	48.34	71.69	22.79	0.0	0.000	0.0	1.30	2.50	218.4	0.0	0.0	0.0
829 DL	6.9	4.4	17.3	0.15	0.005	0.007	0.05	3.64	48.35	71.70	22.79	0.0	0.000	0.0	1.30	2.61	218.4	0.0	0.0	0.0
830 DL	6.9	4.5	17.3	0.15	0.005	0.007	0.05	3.65	48.34	71.51	22.78	0.0	0.000	0.0	1.30	2.67	218.3	0.0	0.0	0.0
831 DL	6.8	4.5	17.4	0.15	0.005	0.007	0.05	3.66	48.34	71.33	22.76	0.0	0.000	0.0	0.01	2.70	218.2	0.0	0.0	0.0
832 DL	6.8	4.5	17.3	0.15	0.005	0.007	0.05	3.68	48.35	71.06	22.74	0.0	0.001	2.1	1.56	2.54	218.1	0.0	0.0	0.0
833 DL	6.8	4.5	17.7	0.15	0.005	0.007	0.05	3.70	48.34	70.67	22.70	0.0	0.001	2.7	2.05	2.88	218.0	0.0	0.0	0.0
834 DL	6.8	4.7	18.0	0.15	0.005	0.008	0.05	3.74	48.35	70.07	22.65	0.0	0.001	3.3	2.46	2.76	217.9	0.0	0.0	0.0
835 DL	6.9	7.2	20.2	0.15	0.005	0.011	0.05	3.81	48.35	69.03	22.56	0.0	0.001	3.8	2.79	2.65	217.9	0.0	0.0	0.0
836 DL	7.3	19.0	29.5	0.16	0.006	0.030	0.08	4.10	48.36	64.87	22.18	0.0	0.001	5.2	3.43	2.62	217.8	0.0	0.0	0.0
837 DL	8.1	36.2	42.1	0.21	0.006	0.058	0.11	5.15	48.35	53.78	21.26	0.0	0.002	7.2	3.84	7.05	217.8	0.0	0.0	0.0
838 DL	8.6	42.7	38.9	0.27	0.007	0.068	0.10	6.72	48.34	42.85	20.46	0.0	0.002	8.6	3.54	14.97	217.7	0.0	0.0	0.0
839 DL	8.7	40.0	24.5	0.30	0.007	0.064	0.06	7.43	48.33	39.20	20.21	0.0	0.002	7.4	2.78	11.28	217.6	0.0	0.0	0.0
840 DL	9.1	43.0	20.3	0.28	0.007	0.069	0.05	6.95	48.33	41.51	20.37	0.0	0.002	7.2	2.85	4.53	217.5	0.0	0.0	0.0
841 DL	9.6	50.5	33.5	0.27	0.008	0.080	0.09	6.67	48.34	42.88	20.46	0.0	0.003	9.2	3.78	5.14	217.5	0.0	0.0	0.0
842 DL	9.9	49.2	36.1	0.30	0.008	0.078	0.09	7.41	48.33	39.24	20.20	0.0	0.003	9.7	3.65	11.10	217.6	0.0	0.0	0.0
843 DL	10.3	42.4	32.6	0.32	0.008	0.068	0.09	8.03	48.34	36.60	20.03	0.0	0.003	10.0	3.45	5.93	217.7	0.0	0.0	0.0
844 DL	11.2	41.3	38.7	0.33	0.009	0.066	0.10	8.32	48.33	35.52	19.95	0.0	0.003	10.7	3.56	2.96	217.8	0.0	0.0	0.0
845 DL	12.7	48.4	53.6	0.36	0.010	0.077	0.14	9.10	48.34	32.78	19.76	0.0	0.003	12.0	3.64	3.90	217.8	0.0	0.0	0.0
846 DL	13.6	50.9	55.3	0.42	0.011	0.081	0.14	10.62	48.32	28.53	19.49	0.0	0.004	14.6	3.80	7.96	217.9	0.0	0.0	0.0
847 DL	13.4	43.9	34.3	0.45	0.011	0.070	0.09	11.34	48.29	26.88	19.38	0.0	0.004	14.0	3.46	7.55	217.9	0.0	0.0	0.0
848 DL	12.8	35.1	16.4	0.41	0.010	0.056	0.04	10.21	48.29	29.67	19.56	0.0	0.004	13.4	3.68	3.55	217.9	0.0	0.0	0.0
849 DL	12.3	28.5	9.2	0.33	0.010	0.045	0.02	8.30	48.31	35.79	19.97	0.0	0.004	13.0	4.39	2.04	217.9	0.0	0.0	0.0
850 DL	12.0	24.2	8.0	0.27	0.009	0.039	0.02	6.66	48.32	43.34	20.50	0.0	0.004	12.7	5.32	1.50	217.9	0.0	0.0	0.0
851 DL	11.9	23.7	14.4	0.22	0.009	0.038	0.04	5.63	48.31	49.86	20.99	0.0	0.004	12.9	6.35	1.64	218.0	0.0	0.0	0.0
852 DL	12.2	27.7	29.8	0.22	0.010	0.044	0.08	5.51	48.31	50.65	21.04	0.0	0.004	14.0	7.02	3.24	218.0	0.0	0.0	0.0
853 DL	12.4	30.4	37.3	0.26	0.010	0.048	0.10	6.41	48.32	44.65	20.59	0.0	0.004	14.9	6.43	9.10	218.0	0.0	0.0	0.0
854 DL	12.1	28.4	29.0	0.29	0.010	0.045	0.08	7.30	48.30	39.92	20.26	0.0	0.004	14.7	5.65	9.08	218.0	0.0	0.0	0.0
855 DL	11.6	24.2	15.7	0.29	0.009	0.039	0.04	7.19	48.30	40.52	20.31	0.0	0.004	13.2	5.18	5.20	218.0	0.0	0.0	0.0
856 DL	11.0	21.6	9.0	0.25	0.009	0.034	0.02	6.24	48.32	45.87	20.69	0.0	0.003	12.2	5.46	2.42	217.9	0.0	0.0	0.0
857 DL	10.9	27.3	14.0	0.21	0.009	0.043	0.04	5.23	48.31	52.98	21.22	0.0	0.003	12.5	6.62	1.79	217.9	0.0	0.0	0.0
858 DL	11.3	38.2	30.5	0.20	0.009	0.061	0.08	5.13	48.31	53.58	21.26	0.0	0.004	13.9	7.47	5.27	218.0	0.0	0.0	0.0
859 DL	11.5	48.7	43.4	0.25	0.009	0.077	0.11	6.19	48.31	45.79	20.66	0.0	0.004	14.6	6.49	14.32	218.1	0.0	0.0	0.0
860 DL	12.1	63.5	56.5	0.31	0.010	0.101	0.15	7.71	48.31	37.79	20.09	0.0	0.004	15.6	5.57	10.39	218.1	0.0	0.0	0.0
861 DL	12.7	71.4	64.6	0.38	0.010	0.114	0.17	9.61	48.30	31.09	19.64	0.0	0.005	17.1	4.90	11.60	218.1	0.0	0.0	0.0
862 DL	12.9	64.6	56.9	0.45	0.010	0.103	0.15	11.36	48.30	26.75	19.37	0.0	0.005	18.1	4.42	10.88	218.0	0.0	0.0	0.0
863 DL	12.9	57.0	43.1	0.48	0.010	0.091	0.11	11.93	48.27	25.60	19.30	0.0	0.005	18.2	4.24	5.13	218.0	0.0	0.0	0.0
864 DL	13.6	61.4	44.9	0.46	0.011	0.098	0.12	11.62	48.28	26.20	19.34	0.0	0.005	18.4	4.40	2.84	218.1	0.0	0.0	0.0
865 DL	14.4	66.0	52.7	0.47	0.011	0.105	0.14	11.84	48.28	25.72	19.30	0.0	0.006	19.9	4.66	6.82	218.1	0.0	0.0	0.0
866 DL	14.2	59.3	36.8	0.49	0.011	0.094	0.10	12.21	48.27	25.05	19.26	0.0	0.006	19.9	4.56	10.26	218.1	0.0	0.0	0.0
867 DL	13.3	47.2	17.4	0.45	0.011	0.075	0.05	11.15	48.26	27.32	19.41	0.0	0.005	18.8	4.72	5.33	218.1	0.0	0.0	0.0
868 DL	12.1	36.8	8.2	0.36	0.010	0.058	0.02	8.98	48.27	33.33	19.80	0.0	0.005	17.7	5.51	2.42	218.2	0.0	0.0	0.0
869 DL	10.9	29.4	5.1	0.28	0.009	0.047	0.01	6.92	48.27	41.91	20.39	0.0	0.005	17.2	6.92	1.48	218.2	0.0	0.0	0.0
870 DL	9.8	24.0	4.2	0.22	0.008	0.038	0.01	5.46	48.27	51.24	21.08	0.0	0.005	16.6	8.46	1.22	218.2	0.0	0.0	0.0
871 DL	8.9	19.8	3.9	0.18	0.007	0.031	0.01	4.44	48.28	60.79	21.84	0.0	0.004	15.0	9.47	1.11	218.2	0.0	0.0	0.0
872 DL	8.3	16.8	5.6	0.15	0.007	0.027	0.01	3.64	48.27	71.14	22.72	0.0	0.004	14.8	11.36	1.16	218.3	0.0	0.0	0.0

873 DL	8.3	18.4	9.8	0.13	0.007	0.029	0.03	3.15	48.20	79.11	23.46	0.0	0.004	14.4	12.63	1.61	218.3	0.0	0.0	0.0
874 DL	9.0	27.1	16.4	0.13	0.007	0.043	0.04	3.14	48.28	78.95	23.43	0.0	0.004	15.1	13.15	2.33	218.3	0.0	0.0	0.0
875 DL	9.6	36.9	20.3	0.15	0.008	0.059	0.05	3.67	48.28	69.97	22.60	0.0	0.004	13.4	10.11	10.09	218.2	0.0	0.0	0.0
876 DL	10.1	46.5	22.8	0.17	0.008	0.074	0.06	4.30	48.28	61.50	21.88	0.0	0.004	14.0	8.83	10.13	218.1	0.0	0.0	0.0
877 DL	10.1	51.4	25.3	0.20	0.008	0.082	0.07	4.96	48.27	54.81	21.35	0.0	0.004	14.6	8.09	10.81	218.0	0.0	0.0	0.0
878 DL	9.8	47.2	17.0	0.22	0.008	0.075	0.04	5.41	48.27	51.07	21.07	0.0	0.004	13.2	6.77	13.11	217.9	0.0	0.0	0.0
879 DL	9.5	39.4	10.3	0.20	0.007	0.063	0.03	5.07	48.28	54.11	21.30	0.0	0.004	13.2	7.16	5.72	217.7	0.0	0.0	0.0
880 DL	9.0	32.2	11.4	0.18	0.007	0.051	0.03	4.43	48.28	60.43	21.81	0.0	0.003	11.5	7.27	2.90	217.6	0.0	0.0	0.0
881 DL	8.8	26.2	10.1	0.16	0.007	0.042	0.03	4.00	48.28	65.67	22.25	0.0	0.003	9.2	6.38	2.66	217.7	0.0	0.0	0.0
882 DL	8.7	21.2	8.5	0.14	0.007	0.034	0.02	3.58	48.29	71.87	22.79	0.0	0.002	7.2	5.68	2.01	217.8	0.0	0.0	0.0
883 DL	8.6	19.5	13.1	0.13	0.007	0.031	0.03	3.23	48.30	77.58	23.32	0.0	0.002	7.6	6.42	2.26	217.9	0.0	0.0	0.0
884 DL	8.9	25.2	25.7	0.14	0.007	0.040	0.07	3.39	48.29	74.77	23.04	0.0	0.002	8.9	7.19	2.61	217.9	0.0	0.0	0.0
885 DL	9.5	34.8	37.9	0.17	0.008	0.055	0.10	4.33	48.29	61.80	21.90	0.0	0.003	10.4	6.53	6.95	218.0	0.0	0.0	0.0
886 DL	9.8	39.8	36.2	0.23	0.008	0.063	0.09	5.63	48.29	49.68	20.96	0.0	0.003	11.4	5.60	14.05	217.8	0.0	0.0	0.0
887 DL	9.6	37.5	25.1	0.25	0.008	0.060	0.07	6.35	48.28	44.83	20.61	0.0	0.003	9.3	4.12	12.89	217.7	0.0	0.0	0.0
888 DL	9.2	31.8	14.9	0.24	0.007	0.051	0.04	6.08	48.28	46.63	20.74	0.0	0.002	8.4	3.81	6.93	217.6	0.0	0.0	0.0
889 DL	8.8	27.0	13.9	0.21	0.007	0.043	0.04	5.32	48.29	52.29	21.17	0.0	0.002	8.9	4.69	3.55	217.4	0.0	0.0	0.0
890 DL	8.8	26.2	17.8	0.19	0.007	0.042	0.05	4.84	48.29	56.48	21.50	0.0	0.003	9.5	5.38	2.70	217.4	0.0	0.0	0.0
891 DL	8.9	28.1	21.9	0.19	0.007	0.045	0.06	4.82	48.28	56.58	21.51	0.0	0.003	10.2	5.91	4.55	217.4	0.0	0.0	0.0
892 DL	9.0	32.1	20.8	0.20	0.007	0.051	0.05	5.00	48.29	54.79	21.36	0.0	0.002	7.9	4.41	8.55	217.4	0.0	0.0	0.0
893 DL	9.4	50.4	29.7	0.21	0.007	0.080	0.08	5.15	48.30	53.13	21.22	0.0	0.003	9.2	4.86	5.62	217.3	0.0	0.0	0.0
894 DL	10.5	83.9	54.3	0.25	0.008	0.134	0.14	6.23	48.30	45.13	20.59	0.0	0.003	10.0	4.35	9.17	217.3	0.0	0.0	0.0
895 DL	12.0	117.5	89.1	0.35	0.009	0.187	0.23	8.88	48.31	33.19	19.75	0.0	0.003	12.2	3.73	17.00	217.2	0.0	0.0	0.0
896 DL	13.5	133.9	149.5	0.51	0.011	0.213	0.39	12.84	48.29	23.84	19.16	0.0	0.004	15.8	3.34	17.00	217.0	0.0	0.0	0.0
897 DL	14.7	123.3	178.8	0.71	0.012	0.196	0.47	17.78	48.29	17.66	18.79	0.0	0.005	18.8	2.91	16.34	217.0	0.0	0.0	0.0
898 DL	14.9	99.5	138.8	0.86	0.012	0.158	0.36	21.62	48.24	14.66	18.62	0.0	0.006	20.6	2.65	13.24	217.0	0.0	0.0	0.0
899 DL	14.2	77.9	89.1	0.88	0.011	0.124	0.23	22.06	48.20	14.40	18.61	0.0	0.006	21.9	2.78	7.21	217.0	0.0	0.0	0.0
900 DL	13.1	64.7	60.2	0.79	0.010	0.103	0.16	19.83	48.22	15.97	18.71	0.0	0.006	21.6	3.04	3.81	217.0	0.0	0.0	0.0
901 DL	12.4	71.8	54.5	0.69	0.010	0.114	0.14	17.13	48.23	18.31	18.84	0.0	0.006	22.2	3.61	2.58	217.0	0.0	0.0	0.0
902 DL	12.4	103.8	71.1	0.63	0.010	0.165	0.19	15.71	48.25	19.73	18.93	0.0	0.006	22.2	3.93	4.72	217.0	0.0	0.0	0.0
903 DL	13.0	139.0	104.9	0.66	0.010	0.221	0.27	16.57	48.26	18.72	18.86	0.0	0.007	24.1	4.00	12.84	217.0	0.0	0.0	0.0
904 DL	14.1	151.1	163.6	0.78	0.011	0.240	0.43	19.54	48.26	16.06	18.70	0.0	0.007	26.3	3.71	13.06	217.1	0.0	0.0	0.0
905 DL	15.5	137.2	205.4	0.94	0.012	0.218	0.54	23.55	48.25	13.49	18.55	0.0	0.008	28.6	3.37	10.57	217.2	0.0	0.0	0.0
906 DL	16.1	112.4	193.8	1.07	0.013	0.179	0.51	26.64	48.21	12.00	18.47	0.0	0.009	30.7	3.21	10.57	217.2	0.0	0.0	0.0
907 DL	15.5	88.1	138.7	1.08	0.012	0.140	0.36	26.90	48.16	11.90	18.47	0.0	0.009	31.5	3.28	8.21	217.1	0.0	0.0	0.0
908 DL	14.4	71.3	90.9	0.98	0.011	0.113	0.24	24.35	48.16	13.13	18.54	0.0	0.009	31.4	3.62	4.61	217.1	0.0	0.0	0.0
909 DL	13.5	66.6	63.5	0.84	0.011	0.106	0.17	20.91	48.19	15.19	18.66	0.0	0.009	31.6	4.23	2.93	217.2	0.0	0.0	0.0
910 DL	12.8	66.7	54.2	0.73	0.010	0.106	0.14	18.21	48.20	17.29	18.78	0.0	0.009	32.0	4.92	4.77	217.1	0.0	0.0	0.0
911 DL	12.1	60.3	37.3	0.65	0.009	0.096	0.10	16.28	48.21	19.22	18.90	0.0	0.009	30.9	5.32	7.49	217.2	0.0	0.0	0.0
912 DL	11.3	49.0	19.0	0.56	0.009	0.078	0.05	13.89	48.21	22.34	19.09	0.0	0.008	30.4	6.12	4.09	217.3	0.0	0.0	0.0
913 DL	10.5	39.8	11.1	0.44	0.008	0.063	0.03	11.00	48.21	27.76	19.43	0.0	0.008	29.8	7.59	1.94	217.4	0.0	0.0	0.0
914 DL	10.0	41.1	17.4	0.35	0.008	0.065	0.05	8.64	48.22	34.35	19.87	0.0	0.008	30.1	9.70	1.45	217.5	0.0	0.0	0.0
915 DL	10.1	61.9	42.0	0.32	0.008	0.098	0.11	7.90	48.24	36.87	20.04	0.0	0.008	30.3	10.60	3.06	217.6	0.0	0.0	0.0
916 DL	10.7	93.8	64.4	0.37	0.008	0.149	0.17	9.14	48.24	32.31	19.71	0.0	0.009	30.8	9.23	10.07	217.6	0.0	0.0	0.0
917 DL	11.1	111.9	75.7	0.46	0.009	0.178	0.20	11.52	48.24	26.22	19.32	0.0	0.009	32.0	7.64	14.70	217.6	0.0	0.0	0.0
918 DL	10.9	105.2	70.1	0.54	0.009	0.167	0.18	13.47	48.23	22.73	19.11	0.0	0.009	32.6	6.71	11.82	217.6	0.0	0.0	0.0
919 DL	10.6	90.6	50.5	0.55	0.008	0.144	0.13	13.77	48.22	22.31	19.08	0.0	0.009	31.8	6.42	6.10	217.6	0.0	0.0	0.0
920 DL	10.6	93.2	38.8	0.51	0.008	0.148	0.10	12.68	48.24	24.07	19.19	0.0	0.009	31.5	6.88	3.13	217.5	0.0	0.0	0.0
921 DL	11.1	116.7	58.1	0.48	0.009	0.186	0.15	12.02	48.25	25.14	19.25	0.0	0.009	31.9	7.29	5.62	217.4	0.0	0.0	0.0
922 DL	11.6	136.6	85.8	0.54	0.009	0.217	0.22	13.38	48.26	22.78	19.10	0.0	0.009	33.2	6.82	13.10	217.5	0.0	0.0	0.0
923 DL	11.7	133.0	95.9	0.63	0.009	0.211	0.25	15.66	48.25	19.73	18.92	0.0	0.010	34.5	6.08	12.21	217.6	0.0	0.0	0.0
924 DL	11.3	111.8	80.3	0.67	0.009	0.178	0.21	16.73	48.23	18.60	18.86	0.0	0.010	34.6	5.74	7.86	217.8	0.0	0.0	0.0
925 DL	10.9	86.7	49.8	0.64	0.009	0.138	0.13	15.93	48.23	19.54	18.92	0.0	0.009	34.1	5.96	4.20	217.8	0.0	0.0	0.0
926 DL	10.7	66.0	25.3	0.55	0.008	0.105	0.07	13.75	48.24	22.50	19.10	0.0	0.009	33.2	6.75	2.31	217.8	0.0	0.0	0.0
927 DL	10.5	51.1	12.2	0.44	0.008	0.081	0.03	11.02	48.25	27.65	19.42	0.0	0.009	31.0	7.89	1.51	217.8	0.0	0.0	0.0
928 DL	9.9	40.3	7.3	0.34	0.008	0.064	0.02	8.63	48.26	34.49	19.88	0.0	0.008	27.9	9.06	1.16	217.8	0.0	0.0	0.0
929 DL	9.2	31.4	5.7	0.27	0.007	0.050	0.01	6.81	48.26	42.45	20.43	0.0	0.007	24.4	10.07	0.99	217.9	0.0	0.0	0.0
930 DL	8.4	24.7	4.9	0.21	0.007	0.039	0.01	5.34	48.26	52.30	21.16	0.0	0.006	21.2	11.13	1.02	217.9	0.0	0.0	0.0
931 DL	7.7	20.6	6.0	0.17	0.006	0.033	0.02	4.19	48.27	63.72	22.08	0.0	0.005	17.6	11.79	0.98	218.0	0.0	0.0	0.0

932 DL	7.4	18.0	8.1	0.14	0.006	0.029	0.02	3.54	48.28	72.53	22.85	0.0	0.004	14.6	11.56	1.36	218.0	0.0	0.0	0.0
933 DL	7.4	15.7	9.9	0.13	0.006	0.025	0.03	3.26	48.28	77.35	23.30	0.0	0.003	11.2	9.68	1.58	218.1	0.0	0.0	0.0
934 DL	7.5	13.8	11.5	0.12	0.006	0.022	0.03	3.12	48.29	79.95	23.55	0.0	0.002	8.5	7.71	2.26	218.1	0.0	0.0	0.0
935 DL	7.6	12.4	11.0	0.12	0.006	0.020	0.03	3.04	48.29	81.67	23.71	0.0	0.002	6.8	6.30	2.48	218.1	0.0	0.0	0.0
936 DL	7.6	11.2	12.2	0.12	0.006	0.018	0.03	2.99	48.30	82.73	23.82	0.0	0.001	4.9	4.64	2.14	218.1	0.0	0.0	0.0
937 DL	7.5	10.0	13.4	0.12	0.006	0.016	0.04	3.03	48.30	82.03	23.75	0.0	0.001	3.5	3.29	2.30	218.1	0.0	0.0	0.0
938 DL	7.5	9.0	13.8	0.12	0.006	0.014	0.04	3.08	48.31	80.94	23.65	0.0	0.001	2.2	2.03	2.36	218.0	0.0	0.0	0.0
939 DL	7.4	8.4	14.4	0.12	0.006	0.013	0.04	3.12	48.31	80.36	23.59	0.0	0.000	1.0	0.96	2.32	218.0	0.0	0.0	0.0
940 DL	7.2	8.0	15.6	0.13	0.006	0.013	0.04	3.17	48.31	79.37	23.50	0.0	0.000	0.2	0.24	2.64	217.9	0.0	0.0	0.0
941 DL	7.1	7.6	16.5	0.13	0.006	0.012	0.04	3.26	48.31	77.79	23.35	0.0	0.000	0.0	1.16	2.72	217.8	0.0	0.0	0.0
942 DL	7.0	7.1	16.9	0.13	0.006	0.011	0.04	3.35	48.32	76.13	23.19	0.0	0.000	0.0	1.20	2.78	217.8	0.0	0.0	0.0
943 DL	6.9	6.8	16.8	0.14	0.005	0.011	0.04	3.42	48.32	74.99	23.09	0.0	0.000	0.0	1.22	2.83	217.7	0.0	0.0	0.0
944 DL	6.8	6.6	16.9	0.14	0.005	0.010	0.04	3.47	48.33	74.25	23.02	0.0	0.000	0.0	1.24	2.86	217.5	0.0	0.0	0.0
945 DL	6.7	6.4	17.0	0.14	0.005	0.010	0.04	3.50	48.33	73.74	22.98	0.0	0.000	0.0	1.25	2.89	217.5	0.0	0.0	0.0
946 DL	6.6	6.2	16.9	0.14	0.005	0.010	0.04	3.52	48.34	73.36	22.94	0.0	0.000	0.0	1.26	2.83	217.3	0.0	0.0	0.0
947 DL	6.5	5.9	17.0	0.14	0.005	0.009	0.04	3.54	48.34	73.15	22.92	0.0	0.000	0.0	1.26	2.84	217.2	0.0	0.0	0.0
948 DL	6.5	5.8	17.1	0.14	0.005	0.009	0.04	3.55	48.35	73.03	22.91	0.0	0.000	0.0	1.26	2.85	217.0	0.0	0.0	0.0
949 DL	6.4	5.7	17.3	0.14	0.005	0.009	0.05	3.57	48.34	72.72	22.89	0.0	0.000	0.0	1.27	2.77	216.9	0.0	0.0	0.0
950 DL	6.3	5.6	17.1	0.14	0.005	0.009	0.04	3.59	48.35	72.38	22.86	0.0	0.000	0.0	1.28	2.72	216.7	0.0	0.0	0.0
951 DL	6.3	5.5	16.8	0.14	0.005	0.009	0.04	3.59	48.35	72.33	22.85	0.0	0.000	0.0	1.28	2.78	216.7	0.0	0.0	0.0
952 DL	6.2	5.4	16.7	0.14	0.005	0.009	0.04	3.58	48.35	72.49	22.86	0.0	0.000	0.0	1.28	2.96	216.6	0.0	0.0	0.0
953 DL	6.2	5.3	16.8	0.14	0.005	0.008	0.04	3.58	48.34	72.53	22.87	0.0	0.000	0.0	1.28	2.88	216.5	0.0	0.0	0.0
954 DL	6.2	5.1	16.8	0.14	0.005	0.008	0.04	3.58	48.35	72.50	22.87	0.0	0.000	0.0	1.28	2.80	216.5	0.0	0.0	0.0
955 DL	6.1	5.0	16.9	0.14	0.005	0.008	0.04	3.58	48.35	72.51	22.87	0.0	0.000	0.0	1.28	2.78	216.5	0.0	0.0	0.0
956 DL	6.1	5.0	16.6	0.14	0.005	0.008	0.04	3.58	48.36	72.51	22.87	0.0	0.000	0.0	1.28	2.82	216.4	0.0	0.0	0.0
957 DL	6.0	4.9	16.4	0.14	0.005	0.008	0.04	3.59	48.36	72.49	22.86	0.0	0.000	0.0	1.28	2.91	216.3	0.0	0.0	0.0
958 DL	6.0	4.9	16.7	0.14	0.005	0.008	0.04	3.58	48.35	72.52	22.87	0.0	0.000	0.0	1.28	2.90	216.2	0.0	0.0	0.0
959 DL	6.0	4.9	16.6	0.14	0.005	0.008	0.04	3.58	48.36	72.52	22.87	0.0	0.000	0.0	1.28	2.84	216.1	0.0	0.0	0.0
960 DL	5.9	4.9	16.5	0.14	0.005	0.008	0.04	3.58	48.36	72.52	22.87	0.0	0.000	0.0	1.28	2.91	216.1	0.0	0.0	0.0
961 DL	5.9	4.8	16.5	0.14	0.005	0.008	0.04	3.58	48.35	72.53	22.87	0.0	0.000	0.0	1.28	2.84	216.1	0.0	0.0	0.0
962 DL	5.9	4.8	16.4	0.14	0.005	0.008	0.04	3.58	48.36	72.53	22.87	0.0	0.000	0.0	1.28	2.71	216.0	0.0	0.0	0.0
963 DL	5.9	4.7	16.3	0.14	0.005	0.008	0.04	3.58	48.36	72.53	22.87	0.0	0.000	0.0	1.28	2.76	215.9	0.0	0.0	0.0
964 DL	5.8	4.7	16.0	0.14	0.005	0.007	0.04	3.57	48.36	72.69	22.88	0.0	0.000	0.0	1.27	2.80	215.9	0.0	0.0	0.0
965 DL	5.8	4.7	16.1	0.14	0.005	0.008	0.04	3.57	48.36	72.72	22.89	0.0	0.000	0.0	1.27	2.79	215.8	0.0	0.0	0.0
966 DL	5.8	4.7	16.3	0.14	0.005	0.007	0.04	3.57	48.36	72.72	22.89	0.0	0.000	0.0	1.27	2.78	215.8	0.0	0.0	0.0
967 DL	5.8	4.7	16.2	0.14	0.005	0.007	0.04	3.57	48.35	72.69	22.88	0.0	0.000	0.0	1.27	2.80	215.8	0.0	0.0	0.0
968 DL	5.8	4.6	16.1	0.14	0.005	0.007	0.04	3.57	48.36	72.69	22.88	0.0	0.000	0.0	1.27	2.79	215.8	0.0	0.0	0.0
969 DL	5.8	4.5	16.1	0.14	0.005	0.007	0.04	3.57	48.36	72.70	22.88	0.0	0.000	0.0	1.27	2.72	215.7	0.0	0.0	0.0
970 DL	5.7	4.5	16.0	0.14	0.005	0.007	0.04	3.57	48.37	72.70	22.88	0.0	0.000	0.0	1.27	2.76	215.7	0.0	0.0	0.0
971 DL	5.7	4.5	16.1	0.14	0.005	0.007	0.04	3.58	48.36	72.67	22.88	0.0	0.000	0.0	1.27	2.70	215.7	0.0	0.0	0.0
972 DL	5.7	4.5	16.1	0.14	0.005	0.007	0.04	3.58	48.37	72.55	22.87	0.0	0.000	0.0	1.28	2.79	215.8	0.0	0.0	0.0
973 DL	5.7	4.5	16.1	0.14	0.005	0.007	0.04	3.58	48.36	72.55	22.87	0.0	0.000	0.0	1.28	2.83	215.8	0.0	0.0	0.0
974 DL	5.7	4.5	16.2	0.14	0.005	0.007	0.04	3.59	48.37	72.48	22.86	0.0	0.000	0.0	1.28	2.80	215.8	0.0	0.0	0.0
975 DL	5.7	4.6	16.0	0.14	0.004	0.007	0.04	3.59	48.36	72.48	22.86	0.0	0.000	0.0	1.28	2.69	215.8	0.0	0.0	0.0
976 DL	5.7	4.6	16.0	0.14	0.004	0.007	0.04	3.58	48.36	72.54	22.87	0.0	0.000	0.0	1.28	2.80	215.7	0.0	0.0	0.0
977 DL	5.7	4.5	16.2	0.14	0.004	0.007	0.04	3.58	48.35	72.64	22.88	0.0	0.000	0.0	1.27	2.79	215.7	0.0	0.0	0.0
978 DL	5.6	4.5	15.9	0.14	0.004	0.007	0.04	3.57	48.36	72.77	22.89	0.0	0.000	0.0	1.27	2.80	215.7	0.0	0.0	0.0
979 DL	5.6	4.5	15.9	0.14	0.004	0.007	0.04	3.56	48.35	72.86	22.90	0.0	0.000	0.0	1.27	2.80	215.7	0.0	0.0	0.0
980 DL	5.6	4.5	15.9	0.14	0.004	0.007	0.04	3.57	48.37	72.71	22.89	0.0	0.000	0.0	1.27	2.78	215.8	0.0	0.0	0.0
981 DL	5.6	4.5	15.9	0.14	0.004	0.007	0.04	3.58	48.36	72.64	22.88	0.0	0.000	0.0	1.27	2.79	215.8	0.0	0.0	0.0
982 DL	5.6	4.5	16.1	0.14	0.004	0.007	0.04	3.57	48.36	72.74	22.89	0.0	0.000	0.0	1.27	2.71	215.7	0.0	0.0	0.0
983 DL	5.6	4.5	15.9	0.14	0.004	0.007	0.04	3.56	48.36	72.86	22.90	0.0	0.000	0.0	1.27	2.74	215.7	0.0	0.0	0.0
984 DL	5.6	4.5	15.8	0.14	0.004	0.007	0.04	3.56	48.36	72.86	22.90	0.0	0.000	0.0	1.27	2.73	215.7	0.0	0.0	0.0
985 DL	5.6	4.6	16.1	0.14	0.004	0.007	0.04	3.57	48.36	72.71	22.88	0.0	0.000	0.0	1.27	2.82	215.7	0.0	0.0	0.0
986 DL	5.6	4.6	16.2	0.14	0.004	0.007	0.04	3.58	48.37	72.64	22.88	0.0	0.000	0.0	1.27	2.82	215.8	0.0	0.0	0.0
987 DL	5.5	4.6	16.0	0.14	0.004	0.007	0.04	3.59	48.36	72.39	22.86	0.0	0.000	0.0	1.28	2.80	215.8	0.0	0.0	0.0
988 DL	5.5	4.5	16.1	0.14	0.004	0.007	0.04	3.59	48.36	72.40	22.86	0.0	0.000	0.0	1.28	2.75	215.8	0.0	0.0	0.0
989 DL	5.5	4.5	16.0	0.14	0.004	0.007	0.04	3.59	48.35	72.40	22.86	0.0	0.000	0.0	1.28	2.71	215.7	0.0	0.0	0.0
990 DL	5.5	4.5	16.2	0.14	0.004	0.007	0.04	3.60	48.35	72.24	22.84	0.0	0.000	0.0	1.28	2.81	215.7	0.0	0.0	0.0

991 DL	5.5	4.5	16.1	0.14	0.004	0.007	0.04	3.61	48.35	72.09	22.83	0.0	0.000	0.0	1.29	2.85	215.7	0.0	0.0	0.0
992 DL	5.5	4.5	16.3	0.14	0.004	0.007	0.04	3.62	48.35	71.93	22.82	0.0	0.000	0.0	1.29	2.82	215.7	0.0	0.0	0.0
993 DL	5.5	4.4	16.1	0.14	0.004	0.007	0.04	3.62	48.36	71.94	22.82	0.0	0.000	0.0	1.29	2.72	215.7	0.0	0.0	0.0
994 DL	5.5	4.4	15.9	0.14	0.004	0.007	0.04	3.62	48.36	72.00	22.82	0.0	0.000	0.0	1.29	2.80	215.7	0.0	0.0	0.0
995 DL	5.4	4.3	15.5	0.14	0.004	0.007	0.04	3.61	48.35	72.22	22.84	0.0	0.000	0.0	1.28	2.82	215.7	0.0	0.0	0.0
996 DL	5.4	4.3	15.6	0.14	0.004	0.007	0.04	3.58	48.36	72.66	22.88	0.0	0.000	0.0	1.27	2.78	215.7	0.0	0.0	0.0
997 DL	5.4	4.3	15.5	0.14	0.004	0.007	0.04	3.57	48.35	72.82	22.89	0.0	0.000	0.0	1.27	2.73	215.7	0.0	0.0	0.0
998 DL	5.4	4.3	15.5	0.14	0.004	0.007	0.04	3.56	48.35	72.98	22.91	0.0	0.000	0.0	1.27	2.82	215.7	0.0	0.0	0.0
999 DL	5.4	4.3	15.3	0.14	0.004	0.007	0.04	3.55	48.35	73.04	22.92	0.0	0.000	0.0	1.26	2.86	215.7	0.0	0.0	0.0
1000 DL	5.3	4.3	15.3	0.14	0.004	0.007	0.04	3.55	48.35	73.10	22.92	0.0	0.000	0.0	1.26	2.82	215.6	0.0	0.0	0.0
1001 DL	5.3	4.3	15.2	0.14	0.004	0.007	0.04	3.53	48.35	73.36	22.94	0.0	0.000	0.0	1.26	2.85	215.6	0.0	0.0	0.0
1002 DL	5.3	4.3	15.2	0.14	0.004	0.007	0.04	3.52	48.35	73.59	22.96	0.0	0.000	0.0	1.25	2.88	215.6	0.0	0.0	0.0
1003 DL	5.3	4.3	15.2	0.14	0.004	0.007	0.04	3.51	48.35	73.75	22.98	0.0	0.000	0.0	1.25	2.84	215.6	0.0	0.0	0.0
1004 DL	5.3	4.5	15.2	0.14	0.004	0.007	0.04	3.50	48.34	73.84	22.99	0.0	0.000	0.0	1.25	2.96	215.7	0.0	0.0	0.0
1005 DL	5.3	4.5	15.5	0.14	0.004	0.007	0.04	3.50	48.35	73.84	22.99	0.0	0.000	0.0	1.25	2.85	215.6	0.0	0.0	0.0
1006 DL	5.3	4.5	15.4	0.14	0.004	0.007	0.04	3.50	48.35	73.84	22.99	0.0	0.000	0.0	1.25	2.79	215.6	0.0	0.0	0.0
1007 DL	5.3	4.5	15.4	0.14	0.004	0.007	0.04	3.50	48.34	73.84	22.99	0.0	0.000	0.0	1.25	2.79	215.6	0.0	0.0	0.0
1008 DL	5.3	4.9	16.2	0.14	0.004	0.008	0.04	3.52	48.35	73.56	22.96	0.0	0.000	0.0	1.25	2.81	215.5	0.0	0.0	0.0
1009 DL	5.4	7.4	20.6	0.14	0.004	0.012	0.05	3.63	48.34	71.71	22.79	0.0	0.000	1.5	1.03	2.82	215.5	0.0	0.0	0.0
1010 DL	5.8	12.0	29.1	0.16	0.005	0.019	0.08	4.08	48.35	65.38	22.23	0.0	0.001	4.2	2.84	3.71	215.5	0.0	0.0	0.0
1011 DL	6.3	14.8	31.5	0.20	0.005	0.024	0.08	4.91	48.34	56.26	21.48	0.0	0.002	5.7	3.23	6.97	215.5	0.0	0.0	0.0
1012 DL	6.4	14.4	24.8	0.22	0.005	0.023	0.06	5.51	48.33	51.05	21.08	0.0	0.002	5.8	2.95	6.93	215.4	0.0	0.0	0.0
1013 DL	6.3	12.3	16.6	0.22	0.005	0.020	0.04	5.48	48.34	51.30	21.10	0.0	0.002	5.5	2.81	3.80	215.2	0.0	0.0	0.0
1014 DL	6.2	10.1	11.3	0.20	0.005	0.016	0.03	4.98	48.32	55.64	21.44	0.0	0.001	5.1	2.87	2.34	215.0	0.0	0.0	0.0
1015 DL	6.1	8.4	9.4	0.17	0.005	0.013	0.02	4.32	48.33	62.57	22.00	0.0	0.001	3.5	2.31	1.82	214.9	0.0	0.0	0.0
1016 DL	6.0	7.3	9.9	0.15	0.005	0.012	0.03	3.77	48.33	69.62	22.60	0.0	0.001	1.9	1.49	1.85	214.9	0.0	0.0	0.0
1017 DL	5.9	6.5	11.6	0.14	0.005	0.010	0.03	3.48	48.33	74.13	23.01	0.0	0.000	0.5	0.42	2.24	214.9	0.0	0.0	0.0
1018 DL	5.8	5.9	13.8	0.13	0.005	0.009	0.04	3.37	48.32	75.99	23.18	0.0	0.000	0.0	0.01	2.47	215.1	0.0	0.0	0.0
1019 DL	5.7	5.6	14.8	0.13	0.005	0.009	0.04	3.37	48.33	76.04	23.19	0.0	0.000	0.0	1.20	2.68	215.2	0.0	0.0	0.0
1020 DL	5.6	5.5	15.1	0.14	0.004	0.009	0.04	3.39	48.32	75.64	23.15	0.0	0.000	0.0	1.21	2.78	215.2	0.0	0.0	0.0
1021 DL	5.6	5.4	15.3	0.14	0.004	0.009	0.04	3.43	48.33	75.04	23.10	0.0	0.000	0.0	1.22	2.76	215.2	0.0	0.0	0.0
1022 DL	5.5	5.2	15.3	0.14	0.004	0.008	0.04	3.46	48.33	74.45	23.04	0.0	0.000	0.0	1.23	2.78	215.2	0.0	0.0	0.0
1023 DL	5.5	5.0	15.2	0.14	0.004	0.008	0.04	3.48	48.33	74.17	23.02	0.0	0.000	0.0	1.24	2.79	215.2	0.0	0.0	0.0
1024 DL	5.4	5.0	15.3	0.14	0.004	0.008	0.04	3.49	48.32	74.04	23.01	0.0	0.000	0.0	1.24	2.84	215.2	0.0	0.0	0.0
1025 DL	5.4	4.9	15.3	0.14	0.004	0.008	0.04	3.51	48.33	73.72	22.98	0.0	0.000	0.0	1.25	2.85	215.2	0.0	0.0	0.0
1026 DL	5.4	4.9	15.4	0.14	0.004	0.008	0.04	3.52	48.33	73.53	22.96	0.0	0.000	0.0	1.25	2.87	215.1	0.0	0.0	0.0
1027 DL	5.4	4.8	15.5	0.14	0.004	0.008	0.04	3.52	48.33	73.50	22.96	0.0	0.000	0.0	1.25	2.80	215.0	0.0	0.0	0.0
1028 DL	5.4	4.7	15.5	0.14	0.004	0.008	0.04	3.52	48.33	73.50	22.96	0.0	0.000	0.0	1.25	2.77	214.9	0.0	0.0	0.0
1029 DL	5.4	4.6	15.6	0.14	0.004	0.007	0.04	3.52	48.33	73.51	22.96	0.0	0.000	0.0	1.25	2.83	214.9	0.0	0.0	0.0
1030 DL	5.4	4.6	15.4	0.14	0.004	0.007	0.04	3.52	48.32	73.51	22.96	0.0	0.000	0.0	1.25	2.80	214.9	0.0	0.0	0.0
1031 DL	5.3	4.5	15.3	0.14	0.004	0.007	0.04	3.52	48.32	73.61	22.97	0.0	0.000	0.0	1.25	2.81	214.8	0.0	0.0	0.0
1032 DL	5.3	4.4	15.4	0.14	0.004	0.007	0.04	3.51	48.32	73.68	22.97	0.0	0.000	0.0	1.25	2.80	214.8	0.0	0.0	0.0
1033 DL	5.3	4.5	15.5	0.14	0.004	0.007	0.04	3.51	48.32	73.64	22.97	0.0	0.000	0.0	1.25	2.79	214.7	0.0	0.0	0.0
1034 DL	5.3	4.5	15.6	0.14	0.004	0.007	0.04	3.52	48.33	73.51	22.96	0.0	0.000	0.0	1.25	2.73	214.6	0.0	0.0	0.0
1035 DL	5.3	4.5	15.3	0.14	0.004	0.007	0.04	3.52	48.32	73.51	22.96	0.0	0.000	0.0	1.25	2.70	214.6	0.0	0.0	0.0
1036 DL	5.3	4.5	15.3	0.14	0.004	0.007	0.04	3.52	48.32	73.61	22.97	0.0	0.000	0.0	1.25	2.77	214.5	0.0	0.0	0.0
1037 DL	5.3	4.5	15.6	0.14	0.004	0.007	0.04	3.52	48.32	73.58	22.96	0.0	0.000	0.1	0.09	2.73	214.5	0.0	0.0	0.0
1038 DL	5.3	4.4	15.7	0.14	0.004	0.007	0.04	3.54	48.32	73.26	22.93	0.0	0.001	2.6	1.93	2.86	214.5	0.0	0.0	0.0
1039 DL	5.3	4.5	15.8	0.10	0.004	0.007	0.04	2.54	48.31	-74.26	22.89	0.0	0.000	1.7	1.96	2.94	214.5	0.0	0.0	0.0
1040 DL	5.3	4.5	15.3	0.14	0.004	0.007	0.04	3.58	48.32	72.66	22.88	0.0	0.000	0.2	0.19	3.01	214.6	0.0	0.0	0.0
1041 DL	5.4	4.4	14.9	0.14	0.004	0.007	0.04	3.55	48.32	73.04	22.91	0.0	0.000	0.0	0.01	2.71	214.6	0.0	0.0	0.0
1042 DL	5.4	4.4	14.9	0.14	0.004	0.007	0.04	3.52	48.31	73.52	22.96	0.0	0.000	0.0	1.25	2.73	214.5	0.0	0.0	0.0
1043 DL	5.4	4.3	15.1	0.14	0.004	0.007	0.04	3.50	48.31	73.78	22.98	0.0	0.000	0.0	1.25	2.91	214.4	0.0	0.0	0.0
1044 DL	5.4	4.3	15.0	0.14	0.004	0.007	0.04	3.49	48.30	74.01	23.00	0.0	0.000	0.0	1.24	2.80	214.4	0.0	0.0	0.0
1045 DL	5.3	4.3	15.2	0.14	0.004	0.007	0.04	3.48	48.30	74.14	23.01	0.0	0.000	0.0	1.24	2.78	214.5	0.0	0.0	0.0
1046 DL	5.3	4.3	15.3	0.14	0.004	0.007	0.04	3.49	48.31	74.00	23.00	0.0	0.000	0.0	1.24	2.82	214.5	0.0	0.0	0.0
1047 DL	5.3	4.4	15.4	0.14	0.004	0.007	0.04	3.49	48.31	73.94	23.00	0.0	0.000	0.0	1.24	2.94	214.6	0.0	0.0	0.0
1048 DL	5.3	4.4	15.6	0.14	0.004	0.007	0.04	3.51	48.31	73.71	22.98	0.0	0.000	0.0	1.25	2.85	214.6	0.0	0.0	0.0
1049 DL	5.4	4.5	15.6	0.14	0.004	0.007	0.04	3.53	48.31	73.38	22.95	0.0	0.000	0.0	1.26	2.95	214.6	0.0	0.0	0.0

1050 DL	5.4	4.5	15.7	0.14	0.004	0.007	0.04	3.55	48.30	73.10	22.92	0.0	0.000	0.0	1.26	3.03	214.6	0.0	0.0	0.0
1051 DL	5.3	4.5	15.8	0.14	0.004	0.007	0.04	3.56	48.31	72.94	22.91	0.0	0.000	0.0	1.27	3.02	214.6	0.0	0.0	0.0
1052 DL	5.3	4.5	15.8	0.14	0.004	0.007	0.04	3.57	48.31	72.72	22.89	0.0	0.000	0.0	1.27	2.98	214.5	0.0	0.0	0.0
1053 DL	5.3	4.5	15.8	0.14	0.004	0.007	0.04	3.58	48.30	72.56	22.87	0.0	0.000	0.0	1.27	3.06	214.5	0.0	0.0	0.0
1054 DL	5.3	4.5	15.9	0.14	0.004	0.007	0.04	3.59	48.30	72.37	22.86	0.0	0.000	0.0	1.28	3.07	214.5	0.0	0.0	0.0
1055 DL	5.3	4.5	15.7	0.14	0.004	0.007	0.04	3.60	48.30	72.19	22.84	0.0	0.000	0.0	1.28	3.02	214.4	0.0	0.0	0.0
1056 DL	5.4	4.5	15.6	0.14	0.004	0.007	0.04	3.61	48.30	72.09	22.83	0.0	0.000	0.0	1.29	3.06	214.3	0.0	0.0	0.0
1057 DL	5.4	4.6	15.8	0.14	0.004	0.007	0.04	3.60	48.30	72.18	22.84	0.0	0.000	0.0	1.28	3.08	214.2	0.0	0.0	0.0
1058 DL	5.4	4.6	15.7	0.14	0.004	0.007	0.04	3.60	48.30	72.24	22.84	0.0	0.000	0.0	1.28	3.08	214.1	0.0	0.0	0.0
1059 DL	5.4	4.6	15.7	0.14	0.004	0.007	0.04	3.60	48.29	72.24	22.84	0.0	0.000	0.0	1.28	3.09	214.1	0.0	0.0	0.0
1060 DL	5.4	4.6	15.7	0.14	0.004	0.007	0.04	3.60	48.30	72.24	22.84	0.0	0.000	0.0	1.28	3.01	214.0	0.0	0.0	0.0

Test #: 1068 EPA Schedule D

Date: 5/10/94

Test cycle results

CO (g/mi) =	1.82
CO2 (g/mi) =	146.21
NOx (g/mi) =	4.29

Time	CO (ppm)	CO2 (%)	NOx (ppm)	FT INL1	FT INL2	Temp (F)	Eng. RPM	Inlet mass flow (scfm)	Exhaust mass flow (scfm)	Speed (mph)	CO cum (g)	NOx cum (g)	CO2 cum (g)	miles
09:31:18	247.01	4.88	460.07	97.68	70.82	75.37	682.88							
09:31:19	247.01	4.79	460.56	97.68	70.82	75.37	681.86							
09:31:20	246.89	4.63	460.07	97.68	70.82	75.37	682.88							
09:31:21	247.01	4.53	460.56	98.90	69.60	75.37	682.88	12.7448	13.6096	0.1131	0.0018	0.0056	0.0047	0.0000
09:31:22	246.89	4.35	460.56	98.90	67.16	75.37	682.88	12.7448	13.5935	0.1131	0.0037	0.0113	0.0094	0.0001
09:31:23	247.01	4.22	460.56	100.12	65.93	75.37	685.93	12.7448	13.5640	0.1131	0.0055	0.0169	0.0139	0.0001
09:31:24	246.89	3.91	324.79	101.34	73.26	75.37	684.41	12.9041	13.7151	0.0000	0.0074	0.0226	0.0139	0.0001
09:31:25	246.89	3.83	324.79	102.56	73.26	75.61	684.41	12.9041	13.6825	0.0000	0.0092	0.0282	0.0139	0.0001
09:31:26	247.01	3.74	324.30	101.34	69.60	75.37	682.37	13.0634	13.8292	0.1131	0.0111	0.0339	0.0180	0.0001
09:31:27	226.98	3.62	324.30	97.68	69.60	75.37	682.37	13.2227	13.9400	0.1131	0.0130	0.0380	0.0218	0.0002
09:31:28	226.86	3.53	324.30	96.46	69.60	75.61	682.37	13.3820	14.0926	0.0000	0.0149	0.0421	0.0218	0.0002
09:31:29	226.86	3.42	324.30	95.24	73.26	75.37	682.37	13.2227	13.9090	0.0000	0.0168	0.0462	0.0218	0.0002
09:31:30	226.86	3.33	324.30	96.46	73.26	75.37	680.85	12.7448	13.3842	0.0000	0.0184	0.0501	0.0218	0.0002
09:31:31	226.86	3.24	324.79	96.46	72.04	75.37	682.37	12.5855	13.2004	0.1131	0.0201	0.0539	0.0253	0.0002
09:31:32	226.86	3.17	324.30	96.46	70.82	75.37	683.39	12.4262	13.0137	0.1131	0.0217	0.0577	0.0286	0.0002
09:31:33	226.86	3.17	324.30	96.46	70.82	75.37	683.39	12.5855	13.1662	0.1131	0.0233	0.0616	0.0318	0.0003
09:31:34	226.86	3.07	302.32	94.02	67.16	75.37	681.86	12.5855	13.1505	0.1131	0.0249	0.0654	0.0350	0.0003
09:31:35	226.86	2.99	301.83	94.02	65.93	75.37	681.86	12.5855	13.1375	0.0000	0.0266	0.0693	0.0350	0.0003
09:31:36	226.86	2.97	301.83	95.24	65.93	75.37	684.92	12.5855	13.1375	0.0000	0.0282	0.0731	0.0350	0.0003
09:31:37	201.83	2.92	301.83	96.46	68.38	75.61	680.85	12.2669	12.7876	0.1131	0.0298	0.0766	0.0380	0.0003
09:31:38	201.83	2.89	301.83	97.68	69.60	75.61	680.85	12.2669	12.7743	0.1131	0.0314	0.0800	0.0409	0.0003
09:31:39	201.83	2.86	301.83	98.90	72.04	75.37	684.92	12.4262	12.9362	0.1131	0.0330	0.0835	0.0438	0.0004
09:31:40	201.83	2.86	301.83	98.90	72.04	75.37	684.92	12.5855	13.0925	0.1131	0.0344	0.0871	0.0466	0.0004
09:31:41	201.95	2.85	301.83	101.34	75.70	75.61	683.39	12.7448	13.2527	0.1131	0.0359	0.0907	0.0494	0.0004
09:31:42	201.83	2.83	301.83	102.56	75.70	75.61	681.86	12.9041	13.4135	0.1131	0.0374	0.0943	0.0522	0.0005
09:31:43	201.83	2.83	281.81	102.56	75.70	75.61	681.86	12.9041	13.4135	0.1131	0.0389	0.0980	0.0550	0.0005
09:31:44	201.83	2.83	282.30	101.34	72.04	75.61	697.12	13.2227	13.7426	0.1131	0.0404	0.1017	0.0577	0.0005
09:31:45	201.83	2.83	282.30	98.90	72.04	75.37	702.20	13.3820	13.9045	0.1131	0.0419	0.1055	0.0605	0.0006
09:31:46	201.83	2.83	281.81	98.90	74.48	75.37	702.20	13.3820	13.9045	0.1131	0.0435	0.1090	0.0632	0.0006
09:31:47	167.15	2.84	281.81	102.56	80.59	75.61	1112.54	13.2227	13.7390	2.4878	0.0450	0.1125	0.1237	0.0013
09:31:48	167.15	2.84	281.81	102.56	80.59	75.61	1112.54	12.9041	13.4079	3.1663	0.0465	0.1159	0.2007	0.0022
09:31:49	167.28	2.84	282.30	124.54	83.03	75.61	1266.61	12.9041	13.4079	3.1663	0.0479	0.1193	0.2777	0.0030
09:31:50	167.28	2.86	282.30	185.59	91.58	75.61	797.80	13.3820	13.9058	5.8802	0.0492	0.1228	0.4213	0.0047
09:31:51	167.28	2.89	281.81	170.94	91.58	75.61	797.80	13.3820	13.9058	5.8802	0.0505	0.1263	0.5649	0.0063
09:31:52	167.28	2.89	282.30	175.82	90.35	75.61	1389.15	16.2496	16.8856	7.4633	0.0520	0.1306	0.7471	0.0084
09:31:53	167.28	2.92	301.83	200.24	91.58	75.37	1195.93	24.2151	25.1694	7.3503	0.0543	0.1370	0.9278	0.0104
09:31:54	167.28	2.92	301.83	200.24	91.58	75.37	1195.93	22.3034	23.1920	7.3503	0.0565	0.1429	1.1105	0.0125
09:31:55	167.28	2.95	301.83	223.44	102.56	75.61	1507.63	22.9406	23.8547	9.7250	0.0586	0.1490	1.3522	0.0152
09:31:56	167.28	2.95	301.83	223.44	102.56	75.61	1507.63	26.1269	27.1791	9.3857	0.0611	0.1563	1.5880	0.0178
09:31:57	167.28	2.95	301.83	280.83	123.32	75.61	1647.46	26.1269	27.1791	9.3857	0.0636	0.1637	1.8238	0.0204
09:31:58	151.28	2.99	301.83	498.17	190.48	75.37	1122.20	29.1538	30.3390	10.9688	0.0664	0.1719	2.1020	0.0234
09:31:59	151.28	2.99	301.83	413.92	188.03	75.61	1122.20	29.1538	30.3390	10.9688	0.0692	0.1802	2.3802	0.0265
09:32:00	151.28	3.01	301.34	279.61	155.07	75.37	990.00	36.6413	38.1310	12.0997	0.0727	0.1905	2.6870	0.0298
09:32:01	151.28	3.01	301.83	230.77	135.53	75.61	1027.12	64.9985	67.6742	14.4743	0.0783	0.2089	3.0589	0.0339
09:32:02	151.28	3.03	301.83	192.92	114.77	75.61	1040.34	54.0061	56.2293	14.4743	0.0829	0.2242	3.4308	0.0379
09:32:03	151.28	3.05	324.30	189.26	106.23	75.61	1211.70	36.4820	37.9937	13.6828	0.0861	0.2345	3.7847	0.0417
09:32:04	151.28	3.07	324.30	201.47	103.79	75.37	1312.88	30.1096	31.3572	13.9089	0.0887	0.2430	4.1444	0.0455
09:32:05	151.28	3.07	324.30	201.47	103.79	75.37	1312.88	25.1710	26.2222	13.9089	0.0909	0.2501	4.5069	0.0494
09:32:06	151.28	3.08	324.30	203.91	107.45	75.61	734.75	24.6931	25.7323	14.5874	0.0930	0.2576	4.8901	0.0535
09:32:07	132.97	3.08	324.30	178.27	100.12	75.61	778.48	26.2862	27.3967	15.4921	0.0953	0.2656	5.2985	0.0578
09:32:08	132.97	3.10	324.30	146.52	92.80	75.61	1088.14	26.2862	27.3967	15.4921	0.0975	0.2736	5.7070	0.0621
09:32:09	133.09	3.10	324.30	151.40	95.24	75.61	1276.27	26.6048	27.7346	14.4743	0.0998	0.2817	6.0906	0.0661
09:32:10	133.09	3.12	324.30	190.48	100.12	75.61	1346.95	23.2593	24.2462	11.9866	0.1016	0.2887	6.4082	0.0694
09:32:11	133.09	3.12	324.79	214.90	109.89	75.61	1372.88	19.1172	19.9336	13.1174	0.1030	0.2946	6.7580	0.0731
09:32:12	133.09	3.12	324.79	214.90	109.89	75.61	1372.88	19.7544	20.5980	14.3613	0.1045	0.3006	7.1410	0.0771
09:32:13	132.97	3.13	324.30	234.43	125.76	75.61	1465.42	24.8524	25.9190	15.6051	0.1064	0.3081	7.5593	0.0814
09:32:14	133.09	3.17	354.09	275.95	148.96	75.61	1355.09	28.0386	29.2420	16.5098	0.1086	0.3167	8.0018	0.0860
09:32:15	132.97	3.25	353.60	274.73	158.73	75.61	1418.64	28.0386	29.2420	16.5098	0.1107	0.3252	8.4443	0.0906
09:32:16	133.09	3.28	354.09	268.62	159.95	75.61	1512.71	30.5875	31.9053	17.4144	0.1130	0.3345	8.9128	0.0954

1 K1	1	unitless	for flow calc	
2 K2	1	unitless	for NOx calc (expt deriv.)	K2=1/(1-0.0047*(H-75))
3 CO density	32.85	gm/ft^3	T=70 F, P=760 mmHG	H=grains of water/lbm dry air
4 NOx density	53.96	gm/ft^3	T=70 F, P=760 mmHG	
5 Rhc	1.8	unitless	Diesel #2	
6 Ywi	0.03	unitless	for humidity comp. (from chart)	
7 gear ratio	3.58	unitless		
8 axle rev	16	pulses		
9 tire	114	inches		
10 interval	1	seconds		
11 CO2 density	51.61	gm/ft^3	T=70 F, P=760 mmHG	
12 FF1	0.5			
13 FF2	0			

09:32:17	132.97	3.31	354.09	298.70	166.06	75.61	1423.22	36.0041	37.5767	18.0929	0.1157	0.3465	9.4063	0.1004
09:32:18	183.52	3.36	354.09	289.38	170.94	75.61	1174.07	35.8448	37.4493	18.6583	0.1185	0.3584	9.9277	0.1056
09:32:19	183.39	3.41	354.09	257.63	158.73	75.61	972.71	35.0482	36.6305	19.5630	0.1211	0.3700	10.4789	0.1110
09:32:20	183.39	3.45	354.09	222.22	140.42	75.61	845.08	38.7124	40.4789	19.5630	0.1241	0.3829	11.0361	0.1165
09:32:21	183.39	3.45	354.09	222.22	140.42	75.61	845.08	37.7565	39.5077	18.9976	0.1281	0.3955	11.5849	0.1218
09:32:22	183.52	3.55	354.09	150.18	100.12	75.61	745.42	33.6144	35.1991	18.4322	0.1316	0.4067	12.1260	0.1269
09:32:23	183.52	3.61	381.93	123.32	89.13	75.37	762.20	28.9944	30.3771	17.7537	0.1346	0.4164	12.6531	0.1318
09:32:24	183.52	3.64	381.93	113.55	86.69	75.37	1121.70	28.9944	30.3771	17.7537	0.1377	0.4261	13.1802	0.1367
09:32:25	183.39	3.70	381.93	118.44	86.69	75.37	1308.31	19.5951	20.5552	14.4743	0.1398	0.4326	13.6217	0.1408
09:32:26	183.39	3.71	381.93	146.52	90.35	75.61	881.70	16.0903	16.8927	14.8136	0.1415	0.4384	14.0814	0.1449
09:32:27	230.65	3.74	381.93	146.52	90.35	75.61	996.61	14.8158	15.5603	14.8136	0.1430	0.4438	14.5446	0.1490
09:32:28	230.77	3.77	381.93	152.63	91.58	75.61	980.85	15.4531	16.2430	16.0575	0.1446	0.4493	15.0554	0.1534
09:32:29	230.77	3.81	381.93	152.63	91.58	75.61	980.85	19.1172	20.0976	14.0220	0.1467	0.4562	15.5028	0.1573
09:32:30	230.77	3.83	381.44	146.52	89.13	75.61	763.73	19.1172	20.1066	13.7959	0.1492	0.4632	15.9462	0.1612
09:32:31	230.77	3.83	381.93	131.87	86.69	75.37	898.44	19.9138	20.9542	15.2659	0.1519	0.4704	16.4415	0.1654
09:32:32	230.77	3.87	381.93	125.76	85.47	75.61	726.10	19.9138	20.9640	15.2659	0.1545	0.4776	16.9415	0.1697
09:32:33	230.77	3.87	381.93	125.76	85.47	75.61	726.10	19.1172	20.1327	13.5697	0.1570	0.4845	17.3890	0.1734
09:32:34	230.77	3.88	385.84	112.33	79.37	75.37	698.64	17.2055	18.1195	13.5697	0.1593	0.4907	17.8366	0.1772
09:32:35	230.77	3.89	386.32	106.23	75.70	75.61	904.58	16.4089	17.2878	10.1773	0.1615	0.4966	18.1750	0.1800
09:32:36	230.77	3.93	386.32	124.54	83.03	75.61	1235.09	16.4089	17.2878	10.1773	0.1637	0.5026	18.5134	0.1828
09:32:37	230.77	3.93	386.32	124.54	83.03	75.61	1235.09	14.6565	15.4439	6.7849	0.1657	0.5079	18.7397	0.1847
09:32:38	291.82	3.96	386.32	146.52	86.69	75.61	831.36	13.8600	14.6076	7.9157	0.1675	0.5130	19.0048	0.1869
09:32:39	291.82	3.97	385.84	147.74	86.69	75.37	718.47	16.2496	17.1350	11.1950	0.1697	0.5189	19.3834	0.1900
09:32:40	291.82	4.02	386.32	130.65	84.25	75.61	721.53	16.2496	17.1350	11.1950	0.1718	0.5249	19.7621	0.1931
09:32:41	291.70	4.04	386.32	120.88	84.25	75.37	761.70	19.1172	20.1684	11.0819	0.1751	0.5319	20.1395	0.1962
09:32:42	291.70	4.04	386.32	120.88	84.25	75.61	761.70	19.2765	20.3396	10.4034	0.1783	0.5390	20.4949	0.1991
09:32:43	291.82	4.12	386.32	128.98	84.25	75.61	709.83	17.0462	17.9984	10.0642	0.1812	0.5452	20.8430	0.2019
09:32:44	291.82	4.12	386.32	128.98	84.25	75.61	709.83	15.7717	16.6571	9.6119	0.1838	0.5510	21.1772	0.2046
09:32:45	291.82	4.12	387.79	125.76	83.03	75.37	952.88	15.7717	16.6571	9.6119	0.1865	0.5568	21.5113	0.2073
09:32:46	291.82	4.14	387.79	125.76	83.03	75.37	1231.53	16.5683	17.5174	8.7072	0.1893	0.5629	21.8201	0.2097
09:32:47	291.82	4.12	387.79	152.63	86.69	75.61	1660.68	16.5683	17.5174	8.7072	0.1921	0.5690	22.1290	0.2121
09:32:48	291.70	4.09	388.28	304.03	125.76	75.61	1724.24	16.4089	17.3489	7.4633	0.1949	0.5750	22.3937	0.2142
09:32:49	336.39	4.05	387.79	527.47	178.27	75.61	1807.12	16.4089	17.3516	9.6119	0.1976	0.5811	22.7356	0.2168
09:32:50	336.39	4.02	388.28	1174.60	394.38	75.61	1845.76	19.9138	21.0545	11.8735	0.2010	0.5884	23.1567	0.2201
09:32:51	336.39	3.94	387.79	998.34	426.13	75.61	961.53	39.6682	41.9232	14.3613	0.2077	0.6030	23.6622	0.2241
09:32:52	336.39	3.94	387.79	998.34	426.13	75.61	961.53	68.8220	72.6988	17.1883	0.2211	0.6284	24.2609	0.2289
09:32:53	336.39	3.87	387.79	421.25	252.75	75.85	1301.70	153.2563	161.8224	20.5807	0.2509	0.6849	24.9722	0.2346
09:32:54	336.51	3.82	336.51	380.95	230.77	75.61	1584.41	129.9971	137.1280	20.8069	0.2761	0.7327	25.6780	0.2404
09:32:55	336.39	3.80	336.02	495.73	233.21	75.61	1707.97	129.9971	137.1280	20.8069	0.3014	0.7806	26.3839	0.2462
09:32:56	336.39	3.80	336.02	495.73	233.21	75.61	1707.97	54.9620	57.9169	21.1461	0.3121	0.8008	27.0870	0.2520
09:32:57	336.39	3.78	336.02	739.93	282.05	75.61	1856.44	49.7048	52.3471	22.9554	0.3217	0.8166	27.8418	0.2584
09:32:58	336.39	3.71	336.02	1401.71	498.17	75.85	2011.53	64.6799	68.0972	25.6693	0.3343	0.8372	28.6807	0.2656
09:32:59	394.87	3.67	336.02	1601.95	654.46	75.61	1272.20	64.6799	68.0972	25.6693	0.3468	0.8578	29.5196	0.2727
09:33:00	394.87	3.62	336.02	1601.95	654.46	75.61	1272.20	96.5419	101.6110	27.9310	0.3655	0.8885	30.4268	0.2804
09:33:01	394.87	3.62	336.51	969.47	457.88	75.61	1063.73	182.8880	192.3210	30.5318	0.4009	0.9466	31.4010	0.2889
09:33:02	394.75	3.58	336.02	484.74	256.41	75.61	1046.95	209.0148	219.6937	31.2103	0.4484	1.0130	32.3853	0.2976
09:33:03	394.87	3.56	336.02	323.57	218.56	75.61	1028.14	209.0148	219.5683	31.2103	0.4959	1.0793	33.3581	0.3063
09:33:04	394.87	3.56	336.02	323.57	218.56	75.61	1028.14	126.4922	132.8790	32.1150	0.5246	1.1195	34.3591	0.3152
09:33:05	394.87	3.54	281.81	284.98	188.03	75.61	1012.88	63.2461	66.3981	31.5496	0.5390	1.1396	35.3298	0.3239
09:33:06	394.87	3.52	281.81	211.23	155.07	75.37	1012.88	42.2172	44.3120	31.0972	0.5486	1.1530	36.2823	0.3326
09:33:07	394.75	3.51	281.81	175.82	126.98	75.61	1029.15	42.2172	44.3120	31.0972	0.5581	1.1664	37.2349	0.3412
09:33:08	456.17	3.50	281.81	175.82	126.98	75.61	1029.15	34.5703	36.2762	30.6449	0.5660	1.1756	38.1685	0.3497
09:33:09	456.17	3.50	282.30	164.84	108.67	75.37	1042.37	27.5607	28.9132	30.6449	0.5722	1.1829	39.0969	0.3582
09:33:10	456.17	3.50	282.30	163.61	102.56	75.37	1051.02	22.9406	24.0627	31.0972	0.5774	1.1890	40.0359	0.3669
09:33:11	456.04	3.52	282.30	168.50	96.46	75.61	1062.20	22.9406	24.0617	31.0972	0.5834	1.1951	40.9717	0.3755
09:33:12	456.04	3.55	282.30	175.82	96.46	75.61	1054.58	21.5069	22.5578	31.4365	0.5891	1.2008	41.9178	0.3843
09:33:13	456.04	3.60	281.81	179.49	107.45	75.61	1309.32	21.3476	22.3907	31.6626	0.5947	1.2065	42.8706	0.3931
09:33:14	455.92	3.64	282.30	213.68	125.76	75.61	1524.41	21.9848	23.0651	32.1150	0.6004	1.2124	43.8425	0.4020
09:33:15	456.04	3.76	420.02	418.80	174.60	75.37	1675.93	22.9406	24.0792	31.7757	0.6064	1.2185	44.8137	0.4108
09:33:16	456.04	3.82	420.02	418.80	174.60	75.37	1675.93	23.4186	24.5961	32.0019	0.6126	1.2247	45.8047	0.4197
09:33:17	456.04	3.82	420.02	698.41	252.75	75.61	1479.15	27.8793	29.2978	32.9065	0.6199	1.2322	46.8359	0.4288
09:33:18	456.04	3.86	420.51	661.78	261.29	75.61	1157.80	54.6434	57.5162	35.3943	0.6342	1.2539	47.9819	0.4387
09:33:19	499.39	3.97	420.51	449.33	225.89	75.61	1104.41	54.6434	57.5579	35.3943	0.6486	1.2756	49.1446	0.4485
09:33:20	499.39	4.05	420.51	346.76	197.80	75.61	987.97	91.1254	95.9858	35.7336	0.6726	1.3119	50.3184	0.4584
09:33:21	499.51	4.20	420.02	277.17	158.29	75.61	842.03	86.3461	91.0035	34.7158	0.6953	1.3463	51.4716	0.4681
09:33:22	499.51	4.30	420.02	207.57	130.65	75.61	738.81	58.6261	61.8798	33.2458	0.7122	1.3697	52.6061	0.4773
09:33:23	499.39	4.54	420.51	147.74	98.90	75.61	707.29	45.2441	47.8095	29.7403	0.7253	1.3878	53.6429	0.4856

09:33:24	499.39	4.54	420.51	147.74	98.90	75.61	707.29	36.1634	38.2892	25.3301	0.7358	1.4022	54.5584	0.4926
09:33:25	499.39	4.63	556.78	125.76	87.91	75.61	707.29	27.0827	28.7104	22.2769	0.7436	1.4131	55.3814	0.4988
09:33:26	499.51	4.72	556.78	113.55	83.03	75.61	730.17	19.2765	20.5017	15.3790	0.7492	1.4208	55.9822	0.5031
09:33:27	499.39	4.86	556.78	106.23	76.92	75.61	709.83	19.2765	20.5017	15.3790	0.7548	1.4286	56.5829	0.5073
09:33:28	499.51	4.92	556.29	102.56	74.48	75.61	703.73	16.4089	17.4735	12.6651	0.7596	1.4373	57.0878	0.5108
09:33:29	499.39	5.02	556.78	101.34	70.82	75.61	700.68	14.8158	15.7950	10.0642	0.7639	1.4452	57.4965	0.5136
09:33:30	499.51	5.14	556.29	100.12	69.60	75.37	706.78	13.8600	14.8027	8.4811	0.7680	1.4527	57.8509	0.5160
09:33:31	499.51	5.14	556.78	97.68	67.16	75.37	690.51	13.3820	14.3048	7.0110	0.7719	1.4598	58.1478	0.5179
09:33:32	499.51	5.26	556.78	96.46	67.16	75.37	685.42	13.2227	14.1528	4.5232	0.7758	1.4669	58.3432	0.5192
09:33:33	499.51	5.26	556.78	96.46	65.93	75.61	682.37	13.0634	14.0047	3.9578	0.7796	1.4739	58.5183	0.5203
09:33:34	499.51	5.31	556.29	95.24	64.71	75.37	678.31	12.7448	13.6631	2.4878	0.7833	1.4808	58.6283	0.5210
09:33:35	499.51	5.35	618.32	95.24	64.71	75.61	674.75	12.5855	13.5125	1.4701	0.7870	1.4875	58.6948	0.5214
09:33:36	499.51	5.38	618.32	95.24	64.71	75.61	673.73	12.5855	13.5125	0.1131	0.7907	1.4943	58.6999	0.5214
09:33:37	499.51	5.43	618.80	95.24	64.71	75.61	676.78	12.4262	13.3511	0.1131	0.7944	1.5010	58.7051	0.5215
09:33:38	499.27	5.48	618.32	95.24	64.71	75.37	676.78	12.4262	13.3573	0.1131	0.7980	1.5084	58.7103	0.5215
09:33:39	499.39	5.56	618.32	96.46	65.93	75.37	675.25	12.4262	13.3641	0.0000	0.8017	1.5158	58.7103	0.5215
09:33:40	499.39	5.60	618.32	96.46	65.93	75.37	675.25	12.4262	13.3717	0.1131	0.8053	1.5233	58.7155	0.5215
09:33:41	499.39	5.60	618.32	96.46	69.60	75.61	674.24	12.4262	13.3807	0.1131	0.8090	1.5307	58.7209	0.5216
09:33:42	499.51	5.62	618.32	97.68	72.04	75.37	674.24	12.5855	13.5662	0.1131	0.8127	1.5382	58.7263	0.5216
09:33:43	499.39	5.66	618.32	98.90	75.70	75.61	674.24	12.5855	13.5732	0.1131	0.8164	1.5458	58.7317	0.5216
09:33:44	499.39	5.66	617.83	100.12	79.37	75.61	675.76	12.5855	13.5732	0.1131	0.8201	1.5533	58.7372	0.5216
09:33:45	499.51	5.66	680.83	101.34	79.37	75.61	677.80	12.7448	13.7492	0.1131	0.8239	1.5610	58.7426	0.5217
09:33:46	499.39	5.64	680.34	101.34	79.37	75.61	677.80	12.9041	13.9283	0.1131	0.8277	1.5687	58.7481	0.5217
09:33:47	499.51	5.56	680.34	100.12	75.70	75.61	678.81	13.0634	14.1002	0.1131	0.8315	1.5766	58.7536	0.5217
09:33:48	499.51	5.51	680.34	100.12	72.04	75.61	678.81	13.2227	14.2722	0.1131	0.8354	1.5853	58.7591	0.5218
09:33:49	499.51	5.44	680.34	100.12	72.04	75.61	676.78	13.2227	14.2692	0.0000	0.8394	1.5940	58.7591	0.5218
09:33:50	499.39	5.35	680.83	96.46	64.71	75.37	678.81	13.0634	14.0814	0.1131	0.8432	1.6027	58.7645	0.5218
09:33:51	499.39	5.26	680.83	95.24	62.27	75.61	679.83	13.0634	14.0719	0.1131	0.8470	1.6113	58.7699	0.5218
09:33:52	499.39	5.16	680.83	94.02	59.83	75.37	678.81	13.0634	14.0596	0.1131	0.8509	1.6199	58.7752	0.5219
09:33:53	499.51	5.06	680.83	92.80	59.83	75.37	678.81	12.5855	13.5299	0.1131	0.8546	1.6282	58.7804	0.5219
09:33:54	499.51	4.97	506.47	94.02	61.05	75.37	678.81	12.4262	13.3421	0.1131	0.8582	1.6363	58.7855	0.5219
09:33:55	499.63	4.84	506.47	95.24	65.93	75.61	678.81	12.2669	13.1534	0.1131	0.8618	1.6444	58.7905	0.5220
09:33:56	499.51	4.84	506.47	95.24	65.93	75.61	678.81	12.1076	12.9652	0.1131	0.8654	1.6523	58.7954	0.5220
09:33:57	499.51	4.67	506.47	100.12	73.26	75.61	681.86	12.2669	13.1209	0.1131	0.8690	1.6583	58.8003	0.5220
09:33:58	499.51	4.51	505.98	102.56	72.04	75.61	679.32	12.4262	13.2680	0.1131	0.8726	1.6643	58.8050	0.5221
09:33:59	499.51	4.42	506.47	111.11	78.14	75.61	680.34	12.4262	13.2680	0.1131	0.8762	1.6704	58.8097	0.5221
09:34:00	499.51	4.28	505.98	117.22	81.81	75.61	682.37	13.0634	13.9167	0.0000	0.8800	1.6767	58.8097	0.5221
09:34:01	499.51	4.20	506.47	111.11	80.59	75.61	680.34	13.3820	14.2274	0.1131	0.8839	1.6832	58.8141	0.5221
09:34:02	499.39	4.12	506.47	106.23	76.92	75.61	681.86	14.4972	15.3940	0.1131	0.8881	1.6902	58.8184	0.5222
09:34:03	499.51	3.98	505.98	103.79	78.14	75.61	684.41	15.2938	16.2096	0.1131	0.8926	1.6976	58.8225	0.5222
09:34:04	499.51	3.90	505.98	103.79	78.14	75.61	684.41	14.4972	15.3486	0.1131	0.8968	1.7046	58.8266	0.5222
09:34:05	499.39	3.84	334.07	102.56	75.70	75.61	680.34	13.8600	14.6580	0.1131	0.9008	1.7112	58.8306	0.5222
09:34:06	499.39	3.76	334.07	96.46	73.26	75.61	685.42	13.5413	14.2951	0.1131	0.9047	1.7177	58.8345	0.5223
09:34:07	499.51	3.71	334.07	95.24	70.82	75.61	682.37	13.5413	14.2796	0.1131	0.9086	1.7242	58.8383	0.5223
09:34:08	499.51	3.71	334.07	95.24	70.82	75.61	682.37	13.3820	14.1006	0.1131	0.9124	1.7285	58.8420	0.5223
09:34:09	499.51	3.63	333.58	94.02	72.04	75.61	684.41	12.5855	13.2482	0.1131	0.9161	1.7325	58.8457	0.5224
09:34:10	499.39	3.55	334.07	96.46	81.81	75.61	686.44	12.4262	13.0704	0.1131	0.9196	1.7364	58.8493	0.5224
09:34:11	499.39	3.49	333.58	98.90	83.03	75.61	688.98	12.4262	13.0704	0.1131	0.9232	1.7403	58.8529	0.5224
09:34:12	499.39	3.46	333.58	98.90	83.03	75.61	688.98	12.2669	12.8901	0.1131	0.9267	1.7442	58.8564	0.5225
09:34:13	499.51	3.43	334.55	97.68	73.26	75.61	688.47	12.5855	13.2105	0.1131	0.9304	1.7482	58.8599	0.5225
09:34:14	499.39	3.40	337.97	95.24	64.71	75.61	688.47	12.9041	13.5351	0.1131	0.9341	1.7522	58.8633	0.5225
09:34:15	499.39	3.37	337.48	94.02	62.27	75.61	690.00	12.9041	13.5287	0.1131	0.9378	1.7563	58.8666	0.5226
09:34:16	499.51	3.33	337.48	92.80	59.83	75.61	690.00	12.7448	13.3569	0.1131	0.9414	1.7603	58.8700	0.5226
09:34:17	499.51	3.31	337.97	91.58	58.61	75.37	691.53	12.4262	13.0169	0.1131	0.9450	1.7642	58.8733	0.5226
09:34:18	455.92	3.30	337.97	91.58	58.61	75.61	695.08	12.2669	12.8446	0.1131	0.9485	1.7681	58.8766	0.5227
09:34:19	456.17	3.28	337.97	92.80	61.05	75.61	681.36	12.1076	12.6712	0.1131	0.9519	1.7720	58.8798	0.5227
09:34:20	455.92	3.28	337.97	92.80	61.05	75.61	681.36	11.9483	12.5019	0.1131	0.9554	1.7758	58.8830	0.5227
09:34:21	456.17	3.26	337.97	94.02	62.27	75.37	681.36	11.9483	12.4990	0.1131	0.9585	1.7796	58.8862	0.5227
09:34:22	456.04	3.24	337.48	96.46	58.61	75.37	680.34	12.1076	12.6617	0.1131	0.9616	1.7834	58.8894	0.5228
09:34:23	456.04	3.24	337.48	96.46	58.61	75.37	680.34	12.1076	12.6617	0.1131	0.9648	1.7873	58.8926	0.5228
09:34:24	456.17	3.23	337.48	96.46	61.05	75.61	680.34	12.2669	12.8256	0.1131	0.9680	1.7912	58.8958	0.5228
09:34:25	456.04	3.21	341.88	98.90	62.27	75.37	679.83	12.5855	13.1560	0.0000	0.9713	1.7952	58.8958	0.5228
09:34:26	456.29	3.21	341.88	98.90	62.27	75.37	681.86	12.5855	13.1560	0.0000	0.9746	1.7992	58.8958	0.5228
09:34:27	455.92	3.20	341.39	101.34	62.27	75.37	679.83	12.5855	13.1526	0.1131	0.9779	1.8032	58.8989	0.5229
09:34:28	455.92	3.20	341.39	101.34	62.27	75.37	679.83	12.9041	13.4835	0.0000	0.9812	1.8073	58.8989	0.5229
09:34:29	347.25	3.20	341.88	102.56	69.60	75.61	683.39	12.9041	13.4835	0.1131	0.9846	1.8115	58.9020	0.5229
09:34:30	347.25	3.20	341.88	102.56	69.60	75.61	683.39	13.2227	13.8142	0.1131	0.9880	1.8157	58.9051	0.5229

09:34:31	347.25	3.20	341.88	97.68	65.93	75.37	679.32	13.2227	13.8142	0.1131	0.9915	1.8199	58.9083	0.5230
09:34:32	347.13	3.20	341.88	97.68	65.93	75.37	682.88	13.3820	13.9779	0.0000	0.9942	1.8242	58.9083	0.5230
09:34:33	347.13	3.20	341.88	97.68	65.93	75.37	682.88	13.3820	13.9779	0.0000	0.9968	1.8285	58.9083	0.5230
09:34:34	347.13	3.19	341.88	97.68	65.93	75.37	681.86	12.7448	13.3123	0.1131	0.9993	1.8326	58.9114	0.5230
09:34:35	347.13	3.19	341.88	97.68	65.93	75.37	681.86	12.7448	13.3123	0.1131	1.0019	1.8367	58.9145	0.5230
09:34:36	347.13	3.20	341.88	97.68	64.71	75.37	681.36	12.7448	13.3123	0.1131	1.0044	1.8408	58.9176	0.5231
09:34:37	347.13	3.17	341.88	98.90	64.71	75.37	683.90	12.7448	13.3102	0.0000	1.0069	1.8449	58.9176	0.5231
09:34:38	259.34	3.19	341.88	95.24	65.93	75.37	680.85	12.7448	13.3102	0.0000	1.0095	1.8490	58.9176	0.5231
09:34:39	259.34	3.18	341.88	94.02	64.71	75.37	680.85	12.7448	13.3123	0.1131	1.0120	1.8531	58.9207	0.5231
09:34:40	259.34	3.19	341.88	92.80	63.49	75.37	680.85	12.9041	13.4738	0.1131	1.0146	1.8572	58.9238	0.5231
09:34:41	259.22	3.19	341.88	92.80	63.49	75.37	681.86	12.4262	12.9753	0.1131	1.0164	1.8612	58.9269	0.5232
09:34:42	259.22	3.17	341.88	90.35	64.71	75.37	952.37	12.2669	12.8070	0.1131	1.0182	1.8652	58.9300	0.5232
09:34:43	259.22	3.17	341.88	102.56	70.82	75.13	963.56	12.1076	12.6433	0.0000	1.0200	1.8690	58.9300	0.5232
09:34:44	259.34	3.17	341.88	103.79	73.26	75.37	879.66	12.1076	12.6433	0.0000	1.0218	1.8729	58.9300	0.5232
09:34:45	259.34	3.19	341.88	103.79	73.26	75.37	718.98	11.7889	12.3074	3.6186	1.0235	1.8767	59.0288	0.5242
09:34:46	259.34	3.19	341.88	103.79	73.26	75.37	718.98	13.3820	13.9705	5.8802	1.0255	1.8810	59.1894	0.5258
09:34:47	259.34	3.19	341.88	97.68	68.38	75.37	688.47	13.5413	14.1368	5.9933	1.0275	1.8854	59.3530	0.5275
09:34:48	186.57	3.19	341.88	94.02	64.71	75.37	688.47	13.5413	14.1405	5.6540	1.0295	1.8897	59.5084	0.5291
09:34:49	186.57	3.19	341.88	94.02	64.71	75.13	678.81	13.5413	14.1405	5.6540	1.0316	1.8941	59.6637	0.5306
09:34:50	186.45	3.19	341.88	90.35	63.49	75.13	676.78	12.7448	13.3087	2.7139	1.0334	1.8981	59.7383	0.5314
09:34:51	186.57	3.17	341.88	92.80	64.71	75.37	679.83	12.2669	12.8079	2.7139	1.0348	1.9021	59.8128	0.5321
09:34:52	186.57	3.17	341.88	94.02	64.71	75.37	679.83	12.2669	12.8079	0.4523	1.0361	1.9060	59.8253	0.5323
09:34:53	186.57	3.16	341.39	94.02	64.71	75.13	679.83	11.7889	12.3089	0.1131	1.0373	1.9098	59.8284	0.5323
09:34:54	186.57	3.16	341.39	94.02	64.71	75.13	678.31	12.1076	12.6383	0.1131	1.0386	1.9137	59.8315	0.5323
09:34:55	186.57	3.16	332.11	91.58	63.49	75.13	682.88	12.2669	12.8046	0.1131	1.0399	1.9176	59.8346	0.5324
09:34:56	186.57	3.16	332.11	91.58	63.49	75.13	682.88	12.2669	12.8026	0.1131	1.0412	1.9216	59.8376	0.5324
09:34:57	186.45	3.16	332.60	91.58	62.27	75.13	680.34	12.2669	12.8026	0.1131	1.0425	1.9255	59.8407	0.5324
09:34:58	186.57	3.15	332.11	92.80	64.71	75.37	680.34	11.9483	12.4701	0.1131	1.0438	1.9292	59.8438	0.5325
09:34:59	149.33	3.13	332.11	95.24	70.82	75.37	680.34	11.9483	12.4701	0.1131	1.0451	1.9329	59.8469	0.5325
09:35:00	149.33	3.13	332.11	97.68	75.70	75.37	680.34	11.9483	12.4701	0.1131	1.0464	1.9367	59.8499	0.5325
09:35:01	149.33	3.13	332.11	100.12	76.92	75.37	681.36	12.1076	12.6337	0.0000	1.0476	1.9404	59.8499	0.5325
09:35:02	149.33	3.13	332.11	102.56	80.59	75.37	681.36	12.4262	12.9626	0.1131	1.0487	1.9443	59.8530	0.5325
09:35:03	149.33	3.12	332.11	107.45	79.37	75.61	681.36	12.7448	13.2950	0.1131	1.0498	1.9483	59.8560	0.5326
09:35:04	149.33	3.12	332.11	107.45	79.37	75.61	681.36	13.0634	13.6273	0.1131	1.0509	1.9524	59.8591	0.5326
09:35:05	149.33	3.12	324.30	109.89	78.14	75.61	680.34	13.3820	13.9597	0.1131	1.0520	1.9565	59.8621	0.5326
09:35:06	149.33	3.12	324.30	112.33	79.37	75.37	680.34	14.0193	14.6214	0.1131	1.0532	1.9609	59.8652	0.5327
09:35:07	149.33	3.12	324.30	108.67	80.59	75.61	681.36	14.0193	14.6214	0.0000	1.0544	1.9653	59.8652	0.5327
09:35:08	149.33	3.13	324.79	103.79	76.92	75.61	681.36	14.3379	14.9537	0.0000	1.0557	1.9696	59.8652	0.5327
09:35:09	129.55	3.13	324.30	100.12	74.48	75.61	681.36	14.6565	15.2860	0.1131	1.0569	1.9741	59.8682	0.5327
09:35:10	129.55	3.16	324.79	97.68	72.04	75.37	712.37	14.1786	14.7876	0.0000	1.0581	1.9784	59.8682	0.5327
09:35:11	129.55	3.16	324.79	96.46	73.26	75.37	710.34	13.5413	14.1259	0.1131	1.0593	1.9825	59.8712	0.5327
09:35:12	129.43	3.17	324.30	97.68	70.82	75.37	677.80	13.0634	13.6269	0.1131	1.0602	1.9865	59.8743	0.5328
09:35:13	129.43	3.17	324.30	97.68	72.04	75.37	680.85	12.7448	13.2993	2.4878	1.0612	1.9904	59.9419	0.5335
09:35:14	129.55	3.17	324.30	97.68	70.82	75.61	678.31	12.5855	13.1331	2.7139	1.0621	1.9942	60.0156	0.5342
09:35:15	129.55	3.17	319.90	95.24	68.38	75.37	679.83	12.7448	13.3021	0.4523	1.0631	1.9981	60.0280	0.5343
09:35:16	129.55	3.17	319.90	95.24	65.93	75.61	678.81	12.7448	13.3021	0.1131	1.0640	2.0020	60.0311	0.5344
09:35:17	113.19	3.17	319.90	94.02	65.93	75.61	677.80	12.7448	13.3021	0.1131	1.0649	2.0059	60.0341	0.5344
09:35:18	113.19	3.17	319.90	94.02	65.93	75.61	677.80	12.4262	12.9695	0.0000	1.0659	2.0096	60.0341	0.5344
09:35:19	113.19	3.17	320.39	95.24	67.16	75.37	676.78	12.4262	12.9695	0.1131	1.0668	2.0133	60.0372	0.5344
09:35:20	113.19	3.17	319.90	96.46	72.04	75.61	678.81	12.2669	12.8029	0.1131	1.0676	2.0170	60.0403	0.5345
09:35:21	113.19	3.16	320.39	97.68	74.48	75.37	678.81	12.2669	12.8029	0.1131	1.0684	2.0207	60.0434	0.5345
09:35:22	113.19	3.16	320.39	96.46	72.04	75.61	680.34	12.4262	12.9692	0.0000	1.0692	2.0244	60.0434	0.5345
09:35:23	113.19	3.16	320.39	95.24	68.38	75.37	681.86	12.5855	13.1354	0.1131	1.0700	2.0282	60.0465	0.5345
09:35:24	113.19	3.14	316.00	95.24	64.71	75.61	678.81	12.7448	13.2982	0.1131	1.0708	2.0320	60.0496	0.5346
09:35:25	113.08	3.14	316.48	92.80	63.49	75.37	680.34	12.5855	13.1320	0.1131	1.0716	2.0358	60.0526	0.5346
09:35:26	113.08	3.14	316.48	92.80	63.49	75.37	680.34	12.4262	12.9658	0.1131	1.0724	2.0396	60.0557	0.5346
09:35:27	113.19	3.14	316.00	92.80	64.71	75.37	681.36	12.4262	12.9638	0.1131	1.0732	2.0432	60.0588	0.5347
09:35:28	120.51	3.13	316.00	91.58	64.71	75.37	682.37	12.1076	12.6314	0.1131	1.0740	2.0468	60.0618	0.5347
09:35:29	120.51	3.13	316.00	90.35	63.49	75.37	681.36	12.1076	12.6314	0.1131	1.0748	2.0504	60.0649	0.5347
09:35:30	120.51	3.11	316.00	89.13	61.05	75.37	679.83	12.1076	12.6314	0.1131	1.0756	2.0540	60.0679	0.5347
09:35:31	120.51	3.10	316.00	89.13	61.05	75.37	679.83	11.9483	12.4627	0.1131	1.0764	2.0576	60.0710	0.5348
09:35:32	120.51	3.10	316.00	89.13	61.05	75.37	679.83	11.7889	12.2966	0.1131	1.0772	2.0611	60.0740	0.5348
09:35:33	120.51	3.08	316.48	91.58	59.83	75.37	679.83	11.6296	12.1272	0.1131	1.0780	2.0645	60.0770	0.5348
09:35:34	120.51	3.07	316.00	94.02	57.39	75.13	680.85	11.6296	12.1253	0.1131	1.0788	2.0679	60.0801	0.5349
09:35:35	120.51	3.07	316.00	94.02	57.39	75.13	682.88	11.6296	12.1253	0.1131	1.0796	2.0714	60.0831	0.5349
09:35:36	120.51	3.08	316.00	97.68	61.05	75.13	681.36	11.9483	12.4556	0.1131	1.0804	2.0749	60.0861	0.5349
09:35:37	120.51	3.08	316.00	97.68	61.05	75.13	682.37	12.2669	12.7858	0.1131	1.0813	2.0786	60.0891	0.5350

09:35:38	114.16	3.07	315.51	96.46	62.27	75.13	679.83	12.2669	12.7858	0.0000	1.0821	2.0822	60.0891	0.5350
09:35:39	114.16	3.07	316.00	95.24	64.71	75.13	679.83	12.7448	13.2860	0.1131	1.0830	2.0860	60.0921	0.5350
09:35:40	114.16	3.07	316.00	98.90	67.16	75.37	678.81	12.7448	13.2860	0.1131	1.0839	2.0898	60.0951	0.5350
09:35:41	114.29	3.07	316.00	102.56	72.04	75.13	681.86	12.5855	13.1163	0.1131	1.0847	2.0935	60.0980	0.5351
09:35:42	114.29	3.04	316.00	102.56	74.48	75.13	683.39	12.4262	12.9503	0.1131	1.0855	2.0972	60.1010	0.5351
09:35:43	114.29	3.04	316.00	103.79	74.48	75.37	681.86	12.9041	13.4484	0.0000	1.0863	2.1010	60.1010	0.5351
09:35:44	114.16	3.04	316.00	103.79	72.04	75.37	680.85	13.3820	13.9465	0.1131	1.0872	2.1049	60.1040	0.5351
09:35:45	114.16	3.05	315.51	102.56	69.60	75.37	680.85	13.3820	13.9414	0.1131	1.0881	2.1089	60.1070	0.5352
09:35:46	114.29	3.05	316.00	100.12	68.38	75.37	680.85	13.5413	14.1074	0.1131	1.0890	2.1129	60.1099	0.5352
09:35:47	114.16	3.04	316.48	97.68	68.38	75.13	681.86	13.5413	14.1074	0.1131	1.0899	2.1169	60.1129	0.5352
09:35:48	114.16	3.04	315.51	97.68	72.04	75.37	680.34	13.3820	13.9436	0.1131	1.0907	2.1209	60.1158	0.5352
09:35:49	117.95	3.04	316.00	98.90	79.37	75.37	680.34	13.0634	13.6116	0.1131	1.0916	2.1247	60.1188	0.5353
09:35:50	117.95	3.04	316.00	100.12	83.03	75.37	681.86	12.7448	13.2775	0.1131	1.0924	2.1285	60.1218	0.5353
09:35:51	117.95	3.02	316.00	101.34	79.37	75.37	681.86	12.7448	13.2775	0.0000	1.0932	2.1323	60.1218	0.5353
09:35:52	117.95	3.02	316.48	98.90	73.26	75.37	681.86	12.9041	13.4436	0.0000	1.0941	2.1361	60.1218	0.5353
09:35:53	117.95	3.03	316.48	97.68	69.60	75.37	681.86	13.0634	13.6096	0.1131	1.0950	2.1400	60.1247	0.5353
09:35:54	117.83	3.03	317.95	98.90	65.93	75.37	681.86	13.2227	13.7719	0.1131	1.0959	2.1439	60.1276	0.5354
09:35:55	117.95	3.03	317.95	98.90	64.71	75.37	681.86	12.9041	13.4401	0.1131	1.0967	2.1477	60.1306	0.5354
09:35:56	117.95	3.03	317.95	98.90	64.71	75.37	682.88	12.7448	13.2762	0.1131	1.0976	2.1515	60.1335	0.5354
09:35:57	117.95	3.03	317.95	100.12	65.93	75.37	681.36	12.9041	13.4422	0.0000	1.0985	2.1553	60.1335	0.5354
09:35:58	108.67	3.03	317.95	101.34	72.04	75.37	679.83	12.9041	13.4422	0.1131	1.0993	2.1592	60.1365	0.5355
09:35:59	108.67	3.03	317.95	100.12	73.26	75.37	678.81	12.9041	13.4422	0.1131	1.1002	2.1630	60.1394	0.5355
09:36:00	108.67	3.03	317.95	97.68	72.04	75.37	680.34	13.0634	13.6081	0.1131	1.1011	2.1669	60.1424	0.5355
09:36:01	108.67	3.03	317.95	97.68	73.26	75.37	680.34	13.2227	13.7739	0.1131	1.1019	2.1709	60.1453	0.5356
09:36:02	108.79	3.03	317.46	98.90	75.70	75.37	680.34	13.0634	13.6079	0.1131	1.1027	2.1747	60.1483	0.5356
09:36:03	108.67	3.03	318.44	100.12	78.14	75.61	680.34	12.7448	13.2760	0.1131	1.1035	2.1785	60.1512	0.5356
09:36:04	108.67	3.03	317.95	98.90	78.14	75.37	681.36	12.7448	13.2760	0.1131	1.1043	2.1823	60.1542	0.5357
09:36:05	108.67	3.03	317.95	97.68	76.92	75.37	680.34	12.9041	13.4420	0.0000	1.1051	2.1862	60.1542	0.5357
09:36:06	108.67	3.03	317.95	95.24	75.70	75.61	678.81	13.0634	13.6079	0.0000	1.1059	2.1901	60.1542	0.5357
09:36:07	108.67	3.03	317.95	96.46	76.92	75.37	678.81	12.9041	13.4420	0.1131	1.1067	2.1939	60.1571	0.5357
09:36:08	102.08	3.03	317.95	96.46	76.92	75.37	678.81	12.7448	13.2760	0.1131	1.1075	2.1977	60.1601	0.5357
09:36:09	102.08	3.03	317.95	97.68	74.48	75.61	680.34	12.4262	12.9441	0.1131	1.1083	2.2014	60.1630	0.5358
09:36:10	102.08	3.03	317.46	98.90	72.04	75.61	680.34	12.5855	13.1101	0.0000	1.1090	2.2052	60.1630	0.5358
09:36:11	102.08	3.03	317.95	100.12	73.26	75.61	680.34	12.5855	13.1099	0.1131	1.1098	2.2089	60.1659	0.5358
09:36:12	102.08	3.03	317.95	100.12	75.70	75.61	681.86	12.7448	13.2759	0.1131	1.1105	2.2127	60.1689	0.5358
09:36:13	102.08	3.03	317.95	98.90	74.48	75.61	681.86	12.9041	13.4418	0.0000	1.1113	2.2165	60.1689	0.5358
09:36:14	102.08	3.03	319.90	96.46	75.70	75.61	680.85	13.0634	13.6077	0.0000	1.1120	2.2204	60.1689	0.5358
09:36:15	102.08	3.03	319.90	97.68	75.70	75.61	681.86	13.0634	13.6077	0.1131	1.1128	2.2243	60.1718	0.5358
09:36:16	102.08	3.03	319.90	97.68	70.82	75.61	680.85	12.9041	13.4418	0.1131	1.1135	2.2282	60.1748	0.5359
09:36:17	102.08	3.03	320.39	96.46	65.93	75.61	680.85	12.5855	13.1099	0.1131	1.1143	2.2319	60.1777	0.5359
09:36:18	102.08	3.03	319.90	96.46	64.71	75.61	679.83	12.7448	13.2759	0.1131	1.1150	2.2358	60.1807	0.5359
09:36:19	98.17	3.04	319.90	95.24	64.71	75.61	687.97	12.7448	13.2759	0.1131	1.1158	2.2396	60.1836	0.5360
09:36:20	98.17	3.03	319.90	94.02	62.27	75.61	682.88	12.5855	13.1099	0.1131	1.1165	2.2434	60.1866	0.5360
09:36:21	98.17	3.05	320.39	91.58	59.83	75.61	680.34	12.5855	13.1099	0.1131	1.1172	2.2471	60.1895	0.5360
09:36:22	98.17	3.03	319.90	90.35	57.39	75.61	693.56	12.4262	12.9459	1.8093	1.1179	2.2509	60.2369	0.5365
09:36:23	98.17	3.03	320.39	89.13	56.17	75.37	698.10	12.2669	12.7779	1.6962	1.1186	2.2545	60.2811	0.5370
09:36:24	98.17	3.03	319.90	87.91	56.17	75.37	998.14	11.9483	12.4486	0.1131	1.1193	2.2581	60.2840	0.5370
09:36:25	98.17	3.03	319.90	90.35	58.61	75.61	763.22	11.7889	12.2801	2.8270	1.1199	2.2617	60.3577	0.5378
09:36:26	98.17	3.03	319.90	94.02	59.83	75.61	686.95	11.6296	12.1141	3.0532	1.1206	2.2651	60.4373	0.5387
09:36:27	98.17	3.03	319.90	96.46	59.83	75.61	685.93	11.4703	11.9482	4.7494	1.1212	2.2686	60.5611	0.5400
09:36:28	94.75	3.03	319.90	94.02	58.61	75.37	683.90	11.7889	12.2801	4.7494	1.1219	2.2721	60.6849	0.5413
09:36:29	94.75	3.04	319.90	91.58	57.39	75.37	683.90	12.2669	12.7779	2.8270	1.1226	2.2758	60.7586	0.5421
09:36:30	94.75	3.04	320.39	89.13	57.39	75.37	683.90	12.5855	13.1098	2.1485	1.1233	2.2796	60.8146	0.5427
09:36:31	94.75	3.04	319.90	87.91	59.83	75.13	685.93	12.2669	12.7778	1.5831	1.1239	2.2832	60.8558	0.5431
09:36:32	94.75	3.03	319.90	87.91	62.27	75.37	679.83	11.9483	12.4479	1.3570	1.1246	2.2868	60.8913	0.5435
09:36:33	94.75	3.03	320.39	89.13	62.27	75.37	683.39	11.6296	12.1159	0.6785	1.1252	2.2903	60.9091	0.5437
09:36:34	94.63	3.05	320.39	90.35	63.49	75.37	680.34	11.4703	11.9500	0.1131	1.1258	2.2938	60.9120	0.5437
09:36:35	94.75	3.05	319.90	91.58	64.71	75.13	682.37	11.4703	11.9481	0.1131	1.1265	2.2972	60.9150	0.5438
09:36:36	94.75	3.05	320.39	92.80	68.38	75.37	682.37	11.6296	12.1141	0.1131	1.1271	2.3007	60.9179	0.5438
09:36:37	94.75	3.05	320.39	91.58	67.16	75.37	683.39	11.7889	12.2825	0.1131	1.1277	2.3042	60.9209	0.5438
09:36:38	88.16	3.05	320.39	92.80	65.93	75.37	704.24	11.9483	12.4485	0.1131	1.1284	2.3078	60.9239	0.5439
09:36:39	88.16	3.03	319.90	95.24	67.16	75.37	714.92	12.1076	12.6145	0.0000	1.1290	2.3114	60.9239	0.5439
09:36:40	88.16	3.05	320.39	98.90	69.60	75.37	744.92	11.9483	12.4485	0.1131	1.1297	2.3150	60.9268	0.5439
09:36:41	88.28	3.03	319.90	103.79	75.70	75.37	864.92	12.1076	12.6144	2.2616	1.1303	2.3187	60.9861	0.5445
09:36:42	88.16	3.03	320.39	113.55	83.03	75.61	1055.59	12.4262	12.9436	2.6009	1.1309	2.3224	61.0539	0.5452
09:36:43	88.16	3.03	320.39	128.21	87.91	75.37	1190.34	12.9041	13.4443	3.3924	1.1315	2.3263	61.1427	0.5462
09:36:44	88.28	3.03	320.39	150.18	92.80	75.61	1127.80	13.5413	14.1060	4.2971	1.1322	2.3303	61.2549	0.5474

09:36:45	88.28	3.03	320.39	158.73	92.80	75.61	755.59	14.8158	15.4336	5.6540	1.1330	2.3348	61.4024	0.5489
09:36:46	88.16	3.05	320.39	140.42	89.13	75.61	774.92	16.7276	17.4250	6.8979	1.1338	2.3398	61.5824	0.5509
09:36:47	88.16	3.05	319.90	125.76	86.69	75.37	847.63	19.5951	20.4122	7.9157	1.1348	2.3457	61.7890	0.5531
09:36:48	104.76	3.05	319.90	112.33	85.47	75.37	904.58	20.7103	21.5738	7.0110	1.1358	2.3519	61.9720	0.5550
09:36:49	104.64	3.05	319.90	108.67	84.25	75.61	949.83	18.3207	19.0875	6.5587	1.1368	2.3574	62.1438	0.5568
09:36:50	104.76	3.08	320.39	114.77	84.25	75.37	1041.87	16.4089	17.0958	6.4456	1.1376	2.3623	62.3127	0.5586
09:36:51	104.76	3.08	319.90	125.76	86.69	75.61	1117.63	14.6565	15.2705	6.7849	1.1385	2.3667	62.4904	0.5605
09:36:52	104.64	3.08	319.90	144.08	87.91	75.61	1157.29	14.1786	14.7725	6.8979	1.1393	2.3709	62.6711	0.5624
09:36:53	104.64	3.09	319.90	161.17	90.35	75.37	1088.10	14.9752	15.6049	7.4633	1.1402	2.3754	62.8674	0.5645
09:36:54	104.64	3.09	326.25	161.17	90.35	75.37	821.70	16.4089	17.0990	8.0287	1.1412	2.3804	63.0786	0.5667
09:36:55	104.64	3.09	326.25	147.74	87.91	75.37	1345.93	18.7986	19.5942	8.4811	1.1423	2.3860	63.3030	0.5691
09:36:56	104.76	3.09	325.76	175.82	91.58	75.37	1553.39	21.0289	21.9235	8.8203	1.1436	2.3923	63.5377	0.5715
09:36:57	104.64	3.10	325.76	247.86	114.77	75.37	1771.02	21.0289	21.9235	7.8026	1.1448	2.3987	63.7452	0.5737
09:36:58	104.76	3.12	326.25	420.02	155.07	75.61	1498.48	19.2765	20.0965	8.2549	1.1460	2.4046	63.9648	0.5760
09:36:59	121.00	3.12	326.25	439.56	180.71	75.37	1089.66	22.9406	23.9165	11.0819	1.1473	2.4116	64.2596	0.5791
09:37:00	121.00	3.14	325.76	355.31	173.38	75.37	1281.86	32.3400	33.7209	12.5520	1.1493	2.4215	64.5948	0.5826
09:37:01	121.00	3.12	326.25	322.34	169.72	75.61	1418.14	54.8027	57.1577	15.1528	1.1526	2.4383	65.0019	0.5868
09:37:02	121.00	3.13	326.25	319.90	164.84	75.37	1104.41	57.3516	59.8180	14.3613	1.1565	2.4558	65.3878	0.5908
09:37:03	121.12	3.13	326.25	247.86	140.42	75.61	734.24	46.3592	48.3605	14.9267	1.1597	2.4700	65.7904	0.5949
09:37:04	121.00	3.13	332.11	203.91	120.88	75.61	741.86	42.0579	43.8643	16.8491	1.1626	2.4829	66.2426	0.5996
09:37:05	121.00	3.13	332.11	169.72	105.01	75.37	744.92	41.7393	43.5388	16.1706	1.1655	2.4956	66.6782	0.6041
09:37:06	121.00	3.16	332.11	130.65	89.13	75.37	770.34	32.3400	33.7342	12.8912	1.1677	2.5055	67.0254	0.6077
09:37:07	121.00	3.16	332.11	117.22	85.47	75.37	1190.34	26.6048	27.7518	13.7959	1.1696	2.5138	67.3970	0.6115
09:37:08	127.47	3.19	332.60	122.10	85.47	75.37	796.78	22.1441	23.0988	13.2305	1.1711	2.5207	67.7534	0.6152
09:37:09	127.47	3.19	332.11	120.88	84.25	75.13	721.53	17.0462	17.7866	12.7781	1.1723	2.5260	68.1002	0.6187
09:37:10	127.35	3.20	332.11	112.33	79.37	75.37	835.42	15.2938	15.9581	13.6828	1.1734	2.5308	68.4715	0.6225
09:37:11	127.47	3.23	332.11	107.45	78.14	75.13	969.15	15.9310	16.6310	13.2305	1.1745	2.5358	68.8346	0.6262
09:37:12	127.47	3.23	332.60	109.89	80.59	75.37	1001.70	15.7717	16.4647	10.5165	1.1757	2.5407	69.1232	0.6291
09:37:13	127.47	3.24	332.60	118.44	83.03	75.37	1025.59	14.6565	15.3029	11.4212	1.1767	2.5453	69.4377	0.6323
09:37:14	127.47	3.24	332.11	130.65	85.47	75.37	1179.66	14.0193	14.6429	11.7604	1.1777	2.5496	69.7644	0.6355
09:37:15	127.47	3.25	333.58	152.63	87.91	75.37	746.44	14.3379	14.9757	11.9866	1.1788	2.5541	70.0974	0.6389
09:37:16	127.47	3.27	333.58	141.64	86.69	75.37	715.42	15.4531	16.1430	12.3258	1.1799	2.5590	70.4410	0.6423
09:37:17	127.47	3.27	333.58	119.66	80.59	75.13	687.97	17.0462	17.8072	13.3435	1.1812	2.5643	70.8130	0.6460
09:37:18	159.83	3.27	334.55	109.89	75.70	75.37	701.70	19.9138	20.8061	12.6651	1.1826	2.5705	71.1673	0.6495
09:37:19	159.83	3.29	334.07	102.56	73.26	75.13	879.66	18.4800	19.3120	9.4988	1.1840	2.5763	71.4343	0.6522
09:37:20	159.83	3.31	334.07	103.79	74.48	75.13	1196.44	15.6124	16.3153	4.9756	1.1851	2.5812	71.5742	0.6535
09:37:21	159.83	3.32	334.07	125.76	79.37	75.13	1321.02	14.3379	14.9844	4.4102	1.1864	2.5857	71.6982	0.6548
09:37:22	159.83	3.36	333.58	155.07	88.69	75.13	1001.70	13.3820	13.9898	5.5410	1.1876	2.5899	71.8551	0.6563
09:37:23	159.83	3.38	333.58	166.06	91.58	75.37	871.02	13.5413	14.1600	7.3503	1.1889	2.5942	72.0644	0.6584
09:37:24	159.83	3.42	334.07	156.29	90.35	75.13	1117.63	16.4089	17.1613	8.8203	1.1904	2.5993	72.3165	0.6608
09:37:25	159.83	3.46	336.02	153.85	92.80	75.37	1398.31	20.2324	21.1699	8.1418	1.1922	2.6057	72.5517	0.6631
09:37:26	159.83	3.47	336.51	188.03	102.56	75.13	1552.37	21.6662	22.6760	7.6895	1.1942	2.6125	72.7751	0.6652
09:37:27	159.83	3.53	336.02	301.59	130.65	75.37	1303.73	20.3917	21.3543	7.1241	1.1961	2.6189	72.9847	0.6672
09:37:28	245.91	3.54	336.02	297.92	139.19	75.37	1084.58	20.0731	21.0305	9.7250	1.1979	2.6253	73.2738	0.6699
09:37:29	245.91	3.57	336.02	269.84	139.19	75.37	1414.07	24.5338	25.7079	11.1950	1.2002	2.6330	73.6077	0.6730
09:37:30	245.91	3.59	336.51	264.96	146.52	75.37	1302.20	39.3496	41.2671	11.0819	1.2038	2.6455	73.9442	0.6761
09:37:31	245.91	3.60	336.02	280.83	157.51	75.37	1624.07	38.8717	40.7787	9.8380	1.2093	2.6578	74.2439	0.6788
09:37:32	245.91	3.62	336.51	388.28	184.37	75.37	1617.46	35.2075	36.9463	10.9688	1.2143	2.6690	74.5803	0.6818
09:37:33	245.91	3.62	336.51	622.71	241.76	75.61	1535.59	34.5703	36.2889	10.0642	1.2191	2.6800	74.8909	0.6846
09:37:34	245.91	3.62	332.11	638.58	255.19	75.37	1250.34	36.6413	38.4689	11.9866	1.2243	2.6916	75.2621	0.6880
09:37:35	245.91	3.62	332.11	496.95	238.10	75.61	1393.73	50.6606	53.1985	15.1528	1.2315	2.7077	75.7334	0.6922
09:37:36	245.91	3.62	332.11	448.11	221.00	75.61	1417.63	81.2482	85.3183	16.5098	1.2430	2.7335	76.2469	0.6968
09:37:37	245.91	3.63	332.60	412.70	206.35	75.61	1312.37	83.3192	87.4931	16.0575	1.2547	2.7597	76.7463	0.7012
09:37:38	294.75	3.62	332.11	317.46	183.15	75.61	1063.73	64.8392	68.0874	17.1883	1.2639	2.7800	77.2809	0.7060
09:37:39	294.75	3.62	332.11	263.74	162.39	75.61	888.81	58.4668	61.3957	17.8668	1.2722	2.7983	77.8366	0.7110
09:37:40	294.75	3.62	332.11	202.69	133.09	75.61	741.86	53.8468	56.5531	17.9799	1.2798	2.8152	78.3976	0.7160
09:37:41	294.87	3.62	332.11	170.94	117.22	75.37	931.53	41.4206	43.4995	17.0752	1.2868	2.8282	78.9287	0.7207
09:37:42	294.87	3.60	332.11	152.63	102.56	75.61	1064.24	34.4110	36.1380	16.7360	1.2926	2.8390	79.4492	0.7254
09:37:43	294.75	3.60	332.11	148.96	101.34	75.61	1256.95	26.4455	27.7728	14.9267	1.2971	2.8473	79.9134	0.7295
09:37:44	294.87	3.60	326.25	162.39	107.45	75.37	1274.75	22.3034	23.4228	15.2659	1.3009	2.8543	80.3882	0.7337
09:37:45	294.75	3.59	326.74	188.03	122.10	75.61	1150.17	19.9138	20.9100	14.9267	1.3043	2.8606	80.8510	0.7379
09:37:46	294.75	3.59	325.76	192.92	128.21	75.61	1153.73	19.4358	20.4081	15.8313	1.3076	2.8667	81.3418	0.7423
09:37:47	294.75	3.58	325.76	199.02	128.21	75.61	1177.63	21.1882	22.2482	16.3967	1.3112	2.8732	81.8501	0.7468
09:37:48	381.93	3.58	326.25	202.69	122.10	75.61	1416.61	24.5338	25.7571	16.0575	1.3153	2.8808	82.3463	0.7513
09:37:49	381.93	3.58	326.25	221.00	125.76	75.61	1530.00	25.1710	26.4261	16.1706	1.3196	2.8885	82.8460	0.7558
09:37:50	381.93	3.59	326.25	333.33	153.85	75.61	1474.58	25.9675	27.2567	16.2836	1.3240	2.8965	83.3469	0.7603
09:37:51	381.81	3.57	326.25	373.63	173.38	75.61	1451.70	26.4455	27.7628	17.5275	1.3298	2.9046	83.8862	0.7652

09:37:52	381.81	3.59	326.25	372.41	180.71	75.61	1505.09	28.8351	30.2715	18.5453	1.3361	2.9135	84.4568	0.7703
09:37:53	381.93	3.59	326.25	383.39	210.01	75.61	1443.05	43.4917	45.6652	19.6761	1.3457	2.9269	85.0641	0.7758
09:37:54	381.81	3.62	358.00	365.08	212.45	75.61	1039.32	48.7489	51.1745	19.7892	1.3564	2.9419	85.6723	0.7813
09:37:55	381.81	3.63	357.51	308.91	191.70	75.37	1014.92	48.5896	51.0205	20.2415	1.3670	2.9569	86.2977	0.7869
09:37:56	381.93	3.64	358.00	247.86	162.39	75.61	948.81	50.0234	52.5261	21.1461	1.3780	2.9723	86.9512	0.7928
09:37:57	382.05	3.67	357.51	214.90	140.42	75.61	927.46	47.6337	50.0324	22.0508	1.3885	2.9884	87.6370	0.7989
09:37:58	452.63	3.70	357.51	186.81	125.76	75.85	891.36	40.3055	42.3417	22.2769	1.3973	3.0020	88.3321	0.8051
09:37:59	452.50	3.74	357.51	174.60	120.88	75.61	868.47	32.3400	33.9809	20.5807	1.4044	3.0130	88.9770	0.8108
09:38:00	452.63	3.77	357.51	158.73	111.11	75.61	835.42	28.0386	29.4719	20.2415	1.4106	3.0224	89.6161	0.8164
09:38:01	452.63	3.80	357.51	145.30	101.34	75.61	872.03	24.3744	25.6344	19.4499	1.4169	3.0307	90.2354	0.8218
09:38:02	452.63	3.81	357.51	142.86	96.46	75.85	894.92	22.7813	23.9702	18.8845	1.4229	3.0384	90.8424	0.8271
09:38:03	452.63	3.85	357.51	144.08	92.80	75.61	914.24	20.7103	21.8012	18.4322	1.4283	3.0454	91.4404	0.8322
09:38:04	452.63	3.86	389.74	153.85	96.46	75.85	946.78	18.9579	19.9638	18.9976	1.4332	3.0518	92.0613	0.8375
09:38:05	452.63	3.87	389.74	159.95	102.56	75.61	944.75	18.6393	19.6323	19.4499	1.4381	3.0581	92.6995	0.8429
09:38:06	452.63	3.87	389.74	159.95	102.56	75.61	944.75	18.7986	19.8083	20.0153	1.4430	3.0645	93.3617	0.8485
09:38:07	452.63	3.87	389.74	162.39	105.01	75.85	930.51	20.0731	21.1546	20.6938	1.4483	3.0719	94.0484	0.8542
09:38:08	452.63	3.87	389.74	157.51	98.90	75.61	932.54	20.8696	21.9974	20.5807	1.4537	3.0796	94.7335	0.8599
09:38:09	491.45	3.85	389.74	148.96	91.58	75.61	928.98	20.8696	21.9974	20.5807	1.4592	3.0873	95.4185	0.8656
09:38:10	491.33	3.85	389.74	147.74	89.13	75.85	963.05	21.1882	22.3333	20.3545	1.4647	3.0952	96.0960	0.8713
09:38:11	491.33	3.83	389.74	145.30	86.69	75.61	995.09	20.5510	21.6616	20.3545	1.4701	3.1028	96.7735	0.8769
09:38:12	491.45	3.83	389.74	142.86	87.91	75.61	962.54	19.4358	20.4834	20.2415	1.4756	3.1099	97.4445	0.8826
09:38:13	491.45	3.83	390.23	136.75	89.13	75.61	964.58	19.2765	20.3155	21.0330	1.4810	3.1171	98.1418	0.8884
09:38:14	491.21	3.82	389.74	136.75	91.58	75.61	1017.97	18.9579	19.9745	21.8246	1.4864	3.1241	98.8616	0.8945
09:38:15	491.45	3.82	394.14	146.52	94.02	75.85	1040.85	18.6393	19.6388	20.9200	1.4917	3.1309	99.5516	0.9003
09:38:16	491.45	3.82	393.65	158.73	103.79	75.61	1065.76	17.8427	18.7995	21.0330	1.4968	3.1375	100.2454	0.9061
09:38:17	491.33	3.85	393.65	179.49	125.76	75.85	1105.42	17.8427	18.7966	22.2769	1.5018	3.1441	100.9779	0.9123
09:38:18	491.33	3.85	393.65	203.91	136.75	75.85	1170.51	19.1172	20.1392	22.6162	1.5072	3.1513	101.7215	0.9186
09:38:19	496.70	3.87	393.65	235.65	150.18	75.61	1732.37	20.7103	21.8175	23.2946	1.5131	3.1590	102.4875	0.9251
09:38:20	496.46	3.88	394.14	493.28	228.33	75.85	1847.29	23.4186	24.6782	24.0862	1.5197	3.1677	103.2844	0.9318
09:38:21	496.46	3.88	393.65	887.67	371.18	75.85	1983.05	26.6048	28.0358	24.0862	1.5273	3.1777	104.0812	0.9384
09:38:22	496.58	3.90	393.65	1391.94	599.51	76.10	1428.81	30.7469	32.4094	24.6516	1.5361	3.1891	104.9009	0.9453
09:38:23	496.46	3.90	393.65	1169.72	542.12	76.10	1425.76	64.3613	67.8555	27.7048	1.5545	3.2132	105.8259	0.9530
09:38:24	496.46	3.89	393.65	1002.44	478.63	75.85	1634.24	115.8185	122.1063	29.7403	1.5877	3.2564	106.8188	0.9613
09:38:25	496.46	3.89	400.00	918.97	427.35	75.85	1037.29	181.6135	191.5230	30.5318	1.6398	3.3242	107.8433	0.9697
09:38:26	496.46	3.87	399.51	579.98	307.69	75.85	1032.20	152.6191	160.9465	30.8711	1.6835	3.3812	108.8791	0.9783
09:38:27	496.34	3.87	399.51	416.36	244.20	75.85	1027.12	130.7936	137.9087	31.7757	1.7210	3.4300	109.9421	0.9871
09:38:28	496.46	3.87	399.02	274.73	174.60	75.85	1032.20	119.6419	126.1504	31.6626	1.7553	3.4754	111.0013	0.9959
09:38:29	484.86	3.86	399.51	230.77	141.64	75.85	1041.87	75.6723	79.7682	31.0972	1.7770	3.5041	112.0364	1.0046
09:38:30	484.86	3.84	400.00	200.24	111.11	75.85	1053.56	54.3248	57.2651	30.9842	1.7926	3.5246	113.0677	1.0132
09:38:31	484.98	3.84	400.00	188.03	102.56	75.85	1059.15	35.8448	37.7849	31.2103	1.8028	3.5382	114.1065	1.0218
09:38:32	484.86	3.84	400.00	181.93	98.90	75.85	1066.27	30.1096	31.7337	31.4365	1.8113	3.5496	115.1497	1.0306
09:38:33	484.86	3.84	399.51	179.49	96.46	75.61	1079.49	26.1269	27.5290	31.7757	1.8186	3.5595	116.1989	1.0394
09:38:34	484.86	3.86	399.51	175.82	96.46	75.61	1088.65	24.5338	25.8504	32.0019	1.8254	3.5688	117.2555	1.0483
09:38:35	484.98	3.86	437.61	173.38	100.12	75.61	1104.41	23.7372	25.0111	32.2280	1.8321	3.5778	118.3195	1.0572
09:38:36	484.86	3.87	438.10	178.27	107.45	75.61	1455.76	23.4186	24.6754	32.5673	1.8386	3.5867	119.3948	1.0663
09:38:37	484.86	3.89	438.10	223.44	125.76	75.85	1607.80	22.9406	24.1781	32.7935	1.8450	3.5953	120.4830	1.0754
09:38:38	484.86	3.89	437.61	434.68	185.59	75.61	1670.85	22.6220	23.8423	33.3589	1.8514	3.6047	121.5900	1.0847
09:38:39	499.51	3.90	437.61	753.36	280.83	75.85	1737.46	23.2593	24.5177	33.1327	1.8579	3.6144	122.6928	1.0939
09:38:40	499.39	3.95	437.61	963.37	383.39	76.10	1255.93	29.1538	30.7375	34.4897	1.8660	3.6265	123.8455	1.1034
09:38:41	499.51	3.98	438.10	743.59	362.64	75.85	1215.76	56.7144	59.7953	36.4120	1.8819	3.6500	125.0623	1.1136
09:38:42	499.51	4.03	438.10	567.77	307.69	76.10	1193.90	98.2943	103.6528	37.8821	1.9103	3.6908	126.3321	1.1241
09:38:43	499.39	4.11	437.61	383.39	245.42	76.10	1097.80	125.6957	132.6441	37.7690	1.9465	3.7430	127.6159	1.1346
09:38:44	499.51	4.17	437.61	310.13	211.23	75.85	1050.00	97.0199	102.4150	36.5251	1.9745	3.7834	128.8648	1.1447
09:38:45	499.51	4.27	476.68	260.07	179.49	75.85	1087.12	74.0792	78.2554	35.9597	1.9959	3.8142	130.1112	1.1547
09:38:46	499.51	4.35	476.68	218.56	141.64	75.85	1085.09	50.0234	52.8982	33.1327	2.0104	3.8350	131.2820	1.1639
09:38:47	499.51	4.42	477.17	201.47	126.98	75.85	1086.61	40.4648	42.8279	31.6626	2.0221	3.8519	132.4188	1.1727
09:38:48	499.51	4.52	477.17	190.48	119.66	75.85	1089.66	33.9331	35.9613	32.7935	2.0319	3.8673	133.6238	1.1818
09:38:49	499.51	4.59	477.17	183.15	112.33	75.85	1102.88	28.5165	30.2507	32.7935	2.0402	3.8803	134.8497	1.1909
09:38:50	499.51	4.64	476.68	185.59	112.33	75.85	1111.02	26.2862	27.9121	32.7935	2.0478	3.8922	136.0965	1.2000
09:38:51	499.39	4.75	476.68	196.58	113.55	75.85	1127.80	24.8524	26.4238	32.7935	2.0551	3.9036	137.3709	1.2091
09:38:52	499.51	4.78	476.68	208.79	118.44	75.85	1137.46	23.8965	25.4325	33.2458	2.0620	3.9145	138.6841	1.2184
09:38:53	499.39	4.87	476.68	219.78	117.22	75.85	1096.27	24.2151	25.7889	33.5850	2.0691	3.9256	140.0253	1.2277
09:38:54	499.51	4.90	476.68	211.23	117.22	75.85	1081.02	25.6489	27.3540	34.0373	2.0766	3.9373	141.4155	1.2372
09:38:55	499.51	4.94	566.54	203.91	109.89	75.85	1100.34	27.2420	29.0650	34.3766	2.0845	3.9497	142.8287	1.2467
09:38:56	499.51	4.99	567.03	199.02	109.89	75.85	1112.54	28.6758	30.6295	33.4719	2.0929	3.9629	144.2295	1.2560
09:38:57	499.51	5.05	566.54	197.80	109.89	75.85	1126.27	27.5607	29.4520	32.5673	2.1009	3.9755	145.6023	1.2651
09:38:58	499.39	5.10	567.03	199.02	107.45	75.85	1136.44	26.6048	28.4467	33.2458	2.1087	3.9900	147.0160	1.2743

09:38:59	499.39	5.19	566.54	200.24	108.67	75.61	1153.73	25.9675	27.7826	33.5850	2.1163	4.0042	148.4576	1.2836
09:39:00	499.39	5.23	566.54	202.69	114.77	75.85	1165.42	25.8082	27.6349	33.9243	2.1239	4.0182	149.9320	1.2930
09:39:01	499.51	5.28	567.03	211.23	116.00	75.85	1179.68	25.9675	27.8241	34.2635	2.1315	4.0324	151.4362	1.3026
09:39:02	499.39	5.35	566.54	233.21	131.87	75.85	1198.48	26.1269	28.0281	34.8289	2.1391	4.0467	152.9920	1.3122
09:39:03	499.51	5.40	566.54	247.86	145.30	75.85	1196.95	26.4455	28.3845	35.1681	2.1469	4.0612	154.5748	1.3220
09:39:04	499.15	5.47	567.03	249.08	146.52	75.85	1190.34	27.5607	29.5982	35.6205	2.1550	4.0763	156.1912	1.3319
09:39:05	499.39	5.49	654.46	245.42	148.96	76.10	1188.81	30.4282	32.7115	36.1859	2.1639	4.0929	157.8575	1.3420
09:39:06	499.39	5.55	653.97	238.10	145.30	75.85	1185.76	32.3400	34.7864	36.1859	2.1735	4.1107	159.5372	1.3520
09:39:07	499.39	5.55	654.46	230.77	141.64	76.10	1188.31	32.4993	34.9902	35.9597	2.1830	4.1285	161.2281	1.3620
09:39:08	499.39	5.58	654.46	238.10	150.18	76.10	1715.09	32.0213	34.4881	35.8466	2.1924	4.1488	162.9221	1.3720
09:39:09	499.51	5.58	654.46	400.49	203.91	76.10	1730.85	31.0655	33.4827	35.8466	2.2016	4.1685	164.6330	1.3819
09:39:10	499.39	5.56	653.97	643.47	258.85	75.85	1793.39	30.1096	32.4525	35.8466	2.2105	4.1876	166.3439	1.3919
09:39:11	499.39	5.56	653.97	876.68	321.12	75.85	1309.83	31.0655	33.4948	35.7336	2.2196	4.2073	168.0577	1.4018
09:39:12	499.51	5.53	653.97	672.77	286.94	76.10	1318.98	52.2537	56.3399	37.7690	2.2350	4.2405	169.8692	1.4123
09:39:13	499.39	5.53	653.97	571.43	263.74	75.85	1348.95	83.9564	90.5078	39.2391	2.2598	4.2937	171.7473	1.4232
09:39:14	499.39	5.49	654.46	493.28	239.32	75.85	1307.29	114.3847	123.3104	38.8998	2.2935	4.3662	173.6091	1.4340
09:39:15	499.39	5.49	633.94	421.25	224.66	75.85	1305.25	87.7799	94.5809	39.8045	2.3194	4.4218	175.5009	1.4450
09:39:16	499.51	5.49	633.94	356.53	210.01	75.85	1303.22	74.5571	80.3337	40.7091	2.3413	4.4691	177.4357	1.4564
09:39:17	499.51	5.45	633.94	307.69	190.48	75.85	1325.59	64.3613	69.3157	39.4652	2.3603	4.5099	179.2994	1.4673
09:39:18	499.51	5.44	633.94	300.37	181.93	75.85	1342.88	54.9620	59.1929	39.3521	2.3765	4.5436	181.1577	1.4782
09:39:19	499.39	5.43	634.43	327.23	185.59	75.85	1368.31	46.5186	50.0995	39.3521	2.3902	4.5722	183.0161	1.4892
09:39:20	499.39	5.40	633.94	388.28	207.57	75.85	1419.66	40.1462	43.2143	40.0306	2.4020	4.5968	184.8930	1.5003
09:39:21	499.39	5.39	633.94	568.99	234.43	75.85	1443.56	39.1903	42.1789	40.5960	2.4135	4.6209	186.7924	1.5116
09:39:22	499.39	5.39	634.43	649.57	261.29	75.85	1390.17	42.6951	45.9438	41.3876	2.4261	4.6471	188.7247	1.5231
09:39:23	499.51	5.39	634.43	553.11	251.53	75.85	1382.03	50.6606	54.4958	42.8576	2.4410	4.6782	190.7155	1.5350
09:39:24	499.39	5.39	633.94	457.88	236.87	75.85	1398.31	74.2385	79.8463	43.6492	2.4628	4.7237	192.7386	1.5471
09:39:25	499.39	5.39	614.41	385.84	221.00	75.85	1344.92	84.7530	91.1550	41.9530	2.4877	4.7757	194.6832	1.5588
09:39:26	499.51	5.42	614.41	349.21	213.68	75.85	1250.85	72.1675	77.6188	41.7268	2.5090	4.8200	196.6173	1.5703
09:39:27	499.51	5.43	614.41	311.38	207.57	76.10	1167.46	59.7413	64.2540	42.2922	2.5265	4.8566	198.5775	1.5821
09:39:28	499.39	5.45	614.41	268.82	194.14	75.85	1112.03	50.3420	54.1447	40.4829	2.5413	4.8865	200.4539	1.5933
09:39:29	499.39	5.46	614.41	239.32	180.71	75.85	1058.14	45.5627	49.0221	37.6559	2.5547	4.9136	202.2082	1.6038
09:39:30	499.39	5.48	614.41	206.35	156.29	76.10	1021.02	40.6241	43.7175	35.9597	2.5667	4.9378	203.8882	1.6138
09:39:31	499.39	5.50	614.41	192.92	140.42	76.10	922.86	35.0482	37.7287	33.4719	2.5770	4.9586	205.4588	1.6231
09:39:32	499.39	5.50	614.41	175.82	123.32	76.10	821.19	31.2248	33.6232	32.0019	2.5862	4.9772	206.9668	1.6320
09:39:33	499.51	5.51	613.92	168.50	119.66	76.10	782.03	26.9234	28.9915	30.8711	2.5941	4.9932	208.4216	1.6406
09:39:34	499.39	5.54	650.06	130.65	97.68	76.10	739.83	25.1710	27.1114	27.8179	2.6016	5.0082	209.7371	1.6483
09:39:35	499.51	5.58	650.55	118.44	89.13	75.85	782.03	22.9406	24.7091	24.7647	2.6083	5.0219	210.9082	1.6552
09:39:36	499.51	5.59	650.06	111.11	86.69	75.85	747.46	21.9848	23.6845	23.4077	2.6148	5.0349	212.0184	1.6617
09:39:37	499.39	5.60	650.55	107.45	83.03	76.10	690.51	17.0462	18.3697	19.6761	2.6198	5.0457	212.9555	1.6671
09:39:38	499.39	5.62	650.55	105.01	81.81	75.85	733.22	15.4531	16.6615	17.1883	2.6244	5.0554	213.7799	1.6719
09:39:39	499.39	5.65	650.06	103.79	80.59	75.85	733.22	14.4972	15.6333	16.2836	2.6286	5.0646	214.5625	1.6764
09:39:40	499.39	5.65	650.55	103.79	81.81	76.10	717.46	14.0193	15.1203	14.9267	2.6328	5.0734	215.2815	1.6806
09:39:41	499.39	5.68	650.55	102.56	83.03	76.10	702.71	13.7007	14.7812	12.8912	2.6368	5.0821	215.9050	1.6842
09:39:42	499.39	5.70	650.55	102.56	80.59	75.85	699.15	13.5413	14.6153	10.4034	2.6408	5.0906	216.4109	1.6870
09:39:43	499.39	5.73	650.55	102.56	79.37	76.10	708.31	13.5413	14.6153	9.1596	2.6448	5.0992	216.8564	1.6896
09:39:44	499.51	5.75	685.23	100.12	75.70	76.10	700.68	13.3820	14.4478	8.0287	2.6488	5.1076	217.2485	1.6918
09:39:45	499.39	5.78	685.23	98.90	73.26	75.85	691.53	13.3820	14.4515	6.2194	2.6527	5.1161	217.5533	1.6935
09:39:46	499.39	5.78	685.23	98.90	73.26	76.10	691.53	13.3820	14.4575	4.7494	2.6567	5.1245	217.7873	1.6949
09:39:47	499.51	5.82	684.74	95.24	67.16	76.10	682.88	13.0634	14.1169	3.7317	2.6605	5.1332	217.9718	1.6959
09:39:48	499.39	5.82	684.25	96.46	68.38	76.10	679.83	12.9041	13.9498	3.0532	2.6643	5.1418	218.1235	1.6967
09:39:49	499.51	5.83	684.74	97.68	68.38	76.10	680.85	12.9041	13.9498	3.0532	2.6682	5.1504	218.2751	1.6976
09:39:50	499.51	5.83	684.74	97.68	65.93	76.10	680.85	12.4262	13.4407	1.9224	2.6718	5.1587	218.3713	1.6981
09:39:51	499.39	5.80	684.74	97.68	64.71	76.10	679.83	12.5855	13.6130	0.1131	2.6755	5.1671	218.3770	1.6982
09:39:52	499.39	5.78	684.25	96.46	63.49	75.85	680.85	12.7448	13.7875	0.0000	2.6793	5.1756	218.3770	1.6982
09:39:53	499.51	5.70	684.74	95.24	61.05	75.85	682.88	12.7448	13.7875	0.1131	2.6831	5.1840	218.3827	1.6982
09:39:54	499.51	5.66	525.03	91.58	58.61	75.85	681.86	12.7448	13.7825	0.1131	2.6869	5.1925	218.3883	1.6982
09:39:55	499.51	5.60	524.54	90.35	57.39	75.85	679.83	12.5855	13.6060	0.1131	2.6906	5.2009	218.3939	1.6983
09:39:56	499.27	5.48	524.54	90.35	56.17	75.85	682.88	12.4262	13.4200	0.1131	2.6942	5.2092	218.3995	1.6983
09:39:57	499.51	5.38	525.03	90.35	54.95	75.61	681.36	11.9483	12.8972	0.1131	2.6978	5.2153	218.4050	1.6983
09:39:58	499.51	5.27	524.54	91.58	53.72	75.85	683.39	11.7889	12.7148	0.1131	2.7013	5.2213	218.4104	1.6983
09:39:59	499.51	5.11	524.54	92.80	54.95	75.61	681.86	11.7889	12.6945	0.1131	2.7047	5.2272	218.4158	1.6984
09:40:00	499.51	4.97	524.54	95.24	59.83	75.85	682.88	11.7889	12.6781	0.1131	2.7082	5.2332	218.4210	1.6984
09:40:01	499.51	4.78	524.54	98.90	65.93	75.61	680.85	11.9483	12.8303	0.1131	2.7117	5.2393	218.4261	1.6984
09:40:02	499.51	4.78	524.54	98.90	65.93	75.61	680.85	12.1076	12.9739	0.1131	2.7152	5.2454	218.4311	1.6985
09:40:03	499.51	4.51	524.54	97.68	67.16	75.85	684.41	12.4262	13.2920	0.1131	2.7189	5.2517	218.4359	1.6985
09:40:04	499.51	4.29	384.35	102.56	75.70	75.85	684.41	12.9041	13.7669	0.1131	2.7226	5.2582	218.4406	1.6985
09:40:05	499.27	4.15	384.35	108.67	80.59	75.85	684.41	12.9041	13.7669	0.1131	2.7264	5.2647	218.4452	1.6986

09:40:06	499.39	4.00	363.86	114.77	83.03	75.85	682.88	12.7448	13.5493	0.1131	2.7301	5.2711	218.4496	1.6986
09:40:07	499.51	3.87	363.86	119.66	89.13	75.85	682.88	13.3820	14.1848	0.1131	2.7340	5.2757	218.4538	1.6986
09:40:08	499.27	3.71	363.86	125.76	96.46	76.34	685.42	14.1786	15.0012	0.1131	2.7381	5.2806	218.4578	1.6987
09:40:09	499.51	3.60	363.86	120.88	96.46	76.34	683.39	14.9752	15.8136	0.1131	2.7424	5.2858	218.4617	1.6987
09:40:10	499.39	3.46	363.37	108.67	94.02	76.10	685.93	15.6124	16.4575	0.1131	2.7469	5.2912	218.4655	1.6987
09:40:11	499.39	3.35	363.37	102.56	90.35	76.10	683.90	16.4089	17.2596	0.1131	2.7516	5.2968	218.4691	1.6988
09:40:12	499.39	3.23	363.37	98.90	86.69	76.10	684.92	15.7717	16.5652	0.1131	2.7562	5.3022	218.4726	1.6988
09:40:13	499.51	3.14	364.35	96.46	85.47	76.10	684.92	14.1786	14.8649	0.1131	2.7602	5.3071	218.4759	1.6988
09:40:14	499.51	3.06	319.90	95.24	86.69	76.10	684.92	13.3820	14.0094	0.0000	2.7641	5.3117	218.4759	1.6988
09:40:15	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.9041	13.4873	0.1131	2.7678	5.3161	218.4791	1.6989
09:40:16	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.5855	13.1386	0.1131	2.7713	5.3204	218.4821	1.6989
09:40:17	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.7749	5.3241	218.4821	1.6989
09:40:18	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.7784	5.3279	218.4821	1.6989
09:40:19	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.7820	5.3316	218.4821	1.6989
09:40:20	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.7855	5.3353	218.4821	1.6989
09:40:21	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.7891	5.3390	218.4821	1.6989
09:40:22	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.7926	5.3428	218.4821	1.6989
09:40:23	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.7962	5.3465	218.4821	1.6989
09:40:24	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.7997	5.3502	218.4821	1.6989
09:40:25	499.51	3.06	319.90	95.24	86.69	76.34	684.92	12.4262	12.9581	0.0000	2.8032	5.3540	218.4821	1.6989
09:40:26	499.51	2.59	276.43	146.52	85.47	76.34	1133.90	12.4262	12.9581	0.0000	2.8068	5.3577	218.4821	1.6989
09:40:27	499.51	2.59	275.95	150.18	86.69	76.34	1255.42	12.4262	12.9581	0.0000	2.8103	5.3614	218.4821	1.6989
09:40:28	499.51	2.59	276.43	159.95	83.03	76.10	1500.00	12.4262	12.9581	0.0000	2.8139	5.3651	218.4821	1.6989
09:40:29	459.58	2.59	276.43	227.11	90.35	76.10	1693.73	19.1172	19.8125	7.0110	2.8193	5.3701	218.6385	1.7008
09:40:30	459.58	2.59	275.95	365.08	119.66	76.10	1802.03	19.5951	20.3078	8.1418	2.8248	5.3751	218.8201	1.7031
09:40:31	459.46	2.62	276.43	799.76	219.78	76.34	1841.70	20.8696	21.6286	10.4034	2.8308	5.3805	219.0521	1.7060
09:40:32	459.46	2.62	275.95	1168.50	341.88	76.10	1847.80	29.6317	30.7071	11.9866	2.8385	5.3881	219.3194	1.7093
09:40:33	459.46	2.65	276.43	1383.39	429.79	76.10	1760.85	47.6337	49.3624	14.1351	2.8509	5.4004	219.6346	1.7132
09:40:34	459.58	2.66	276.43	1210.01	431.01	76.10	1115.59	104.3481	108.1802	18.4322	2.8781	5.4273	220.0507	1.7184
09:40:35	459.58	2.69	308.67	891.33	368.74	76.10	1154.75	152.4598	158.0587	20.3545	2.9179	5.4665	220.5101	1.7240
09:40:36	459.46	2.69	307.69	605.62	289.38	76.10	1212.20	180.4983	187.1854	21.2592	2.9650	5.5130	220.9942	1.7299
09:40:37	459.58	2.72	308.18	510.38	257.63	75.85	1250.85	157.8763	163.7594	24.0862	3.0062	5.5537	221.5459	1.7366
09:40:38	459.58	2.74	308.18	461.54	233.21	76.10	1315.42	116.2964	120.6804	25.2170	3.0365	5.5872	222.1304	1.7436
09:40:39	336.39	2.76	308.18	437.12	217.34	76.10	1376.44	79.0178	81.9965	26.4609	3.0572	5.6099	222.7436	1.7510
09:40:40	336.39	2.78	308.18	478.63	223.44	75.85	1452.20	66.5916	69.1271	27.3656	3.0746	5.6291	223.3842	1.7586
09:40:41	336.39	2.78	307.69	594.63	251.53	75.61	1525.93	60.2192	62.5251	28.1571	3.0903	5.6464	224.0472	1.7664
09:40:42	336.39	2.82	307.69	907.20	361.42	75.85	1237.63	57.0330	59.2251	30.0795	3.1012	5.6628	224.7625	1.7747
09:40:43	336.26	2.82	308.18	853.48	377.29	75.85	1200.51	62.4496	64.8633	31.6626	3.1131	5.6808	225.5197	1.7835
09:40:44	336.39	2.85	308.18	697.19	343.10	75.85	1247.80	77.5840	80.5827	33.3589	3.1280	5.7031	226.3174	1.7928
09:40:45	336.26	2.85	337.48	650.79	312.58	75.61	1280.85	118.3674	123.0001	35.5074	3.1506	5.7371	227.1773	1.8027
09:40:46	336.39	2.88	337.97	633.70	302.81	75.85	1330.68	111.3578	115.7160	36.1859	3.1719	5.7692	228.0536	1.8127
09:40:47	336.39	2.89	337.48	658.12	324.79	75.85	1359.15	90.9661	94.5706	37.6559	3.1894	5.7954	228.9769	1.8232
09:40:48	336.26	2.89	337.97	684.98	338.22	75.85	1366.78	84.9123	88.2769	38.6737	3.2056	5.8222	229.9251	1.8339
09:40:49	254.82	2.94	337.97	625.15	312.58	75.85	1368.81	82.6820	85.9895	40.1437	3.2215	5.8483	230.9188	1.8451
09:40:50	254.82	2.96	337.97	555.56	285.71	76.10	1352.54	85.8682	89.3171	41.0484	3.2379	5.8755	231.9391	1.8565
09:40:51	254.82	2.99	338.46	474.97	258.85	75.85	1343.90	89.3730	92.9627	41.2745	3.2550	5.9037	232.9649	1.8679
09:40:52	254.82	3.05	337.97	371.18	227.11	75.85	1338.81	81.5668	84.8877	41.2745	3.2669	5.9295	234.0088	1.8794
09:40:53	254.82	3.10	337.97	329.67	212.45	76.10	1336.78	72.4861	75.4530	40.8222	3.2774	5.9524	235.0467	1.8907
09:40:54	254.82	3.17	338.46	301.59	200.24	75.85	1341.86	61.9716	64.5350	40.4829	3.2864	5.9721	236.0869	1.9020
09:40:55	254.82	3.24	488.40	275.95	185.59	75.85	1356.10	48.4303	50.4729	40.3699	3.2934	5.9874	237.1445	1.9132
09:40:56	254.94	3.32	488.40	269.84	175.82	75.85	1377.46	43.0137	44.8582	40.2568	3.2997	6.0011	238.2168	1.9244
09:40:57	254.82	3.44	488.89	326.01	184.37	75.85	1419.15	39.3496	41.0754	40.3699	3.3054	6.0136	239.3164	1.9356
09:40:58	254.70	3.51	488.40	406.59	207.57	75.85	1429.32	36.0041	37.6183	40.9353	3.3107	6.0301	240.4562	1.9470
09:40:59	302.69	3.60	488.40	457.88	228.33	75.85	1431.36	35.2075	36.8243	41.6138	3.3158	6.0463	241.6429	1.9585
09:41:00	302.69	3.74	488.40	452.99	233.21	75.85	1415.59	42.5358	44.5608	42.8576	3.3220	6.0659	242.9096	1.9704
09:41:01	302.69	3.82	488.40	413.92	227.11	75.85	1424.75	53.0503	55.6336	43.1969	3.3298	6.0903	244.2154	1.9824
09:41:02	302.81	3.98	488.40	390.72	221.00	75.85	1449.66	59.7413	62.7276	43.3100	3.3402	6.1178	245.5566	1.9945
09:41:03	302.69	4.11	488.40	410.26	218.56	75.61	1467.46	59.1041	62.1713	42.7446	3.3505	6.1452	246.9306	2.0063
09:41:04	302.81	4.31	488.40	454.21	236.87	75.85	1475.09	54.0061	56.8707	43.0838	3.3599	6.1701	248.3458	2.0183
09:41:05	302.69	4.47	636.39	504.27	250.31	75.85	1473.05	50.9792	53.7975	43.4230	3.3688	6.1938	249.8320	2.0304
09:41:06	302.56	4.60	636.39	504.27	257.63	75.85	1488.81	53.5282	56.5840	44.3277	3.3782	6.2186	251.3983	2.0427
09:41:07	302.69	4.74	636.39	526.25	266.18	75.85	1516.27	59.2634	62.8187	44.4408	3.3886	6.2462	253.0476	2.0550
09:41:08	302.69	4.96	636.39	621.49	302.81	75.85	1525.43	65.7951	69.8867	44.4408	3.4002	6.2862	254.7567	2.0674
09:41:09	499.51	5.10	636.39	665.45	316.24	75.85	1533.56	65.7951	70.0096	45.0062	3.4118	6.3263	256.5390	2.0799
09:41:10	499.51	5.30	636.39	628.82	312.58	75.85	1501.53	68.6627	73.1969	45.7978	3.4239	6.3682	258.4079	2.0926
09:41:11	499.51	5.42	636.39	555.56	285.71	75.85	1522.88	81.0889	86.6851	46.0239	3.4383	6.4178	260.3696	2.1054
09:41:12	499.51	5.54	636.39	505.49	269.84	75.85	1490.34	86.8240	93.0269	46.3631	3.4637	6.4710	262.4033	2.1183

09:41:13	499.39	5.74	636.39	449.33	249.08	75.85	1502.54	82.0447	88.1422	45.2324	3.4878	6.5215	264.4664	2.1308
09:41:14	499.39	5.83	636.39	454.21	240.54	75.85	1515.26	72.4861	77.9896	46.0239	3.5092	6.5661	266.6105	2.1436
09:41:15	499.63	6.02	784.86	494.51	241.76	75.85	1538.14	65.9544	71.0827	45.0062	3.5286	6.6068	268.7570	2.1561
09:41:16	499.51	6.12	784.37	556.78	253.97	76.10	1528.48	58.6261	63.3442	45.2324	3.5459	6.6430	270.9888	2.1687
09:41:17	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	59.2634	64.1151	45.5716	3.5635	6.6797	273.2755	2.1813
09:41:18	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	64.5206	69.9716	46.4762	3.5826	6.7291	275.6811	2.1942
09:41:19	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	72.6454	78.8922	46.1370	3.6042	6.7848	278.1109	2.2071
09:41:20	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	73.4420	79.8474	45.9108	3.6260	6.8411	280.5627	2.2198
09:41:21	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	73.4420	79.8474	45.9108	3.6478	6.8975	283.0145	2.2326
09:41:22	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	73.4420	79.8474	45.9108	3.6697	6.9539	285.4664	2.2453
09:41:23	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	73.4420	79.8474	45.9108	3.6915	7.0102	287.9182	2.2581
09:41:24	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	73.4420	79.8474	45.9108	3.7134	7.0666	290.3700	2.2708
09:41:25	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	73.4420	79.8474	45.9108	3.7352	7.1229	292.8218	2.2836
09:41:26	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	73.4420	79.8474	45.9108	3.7570	7.1793	295.2737	2.2963
09:41:27	499.51	6.21	784.86	562.88	260.07	76.10	1521.36	73.4420	79.8474	45.9108	3.7789	7.2357	297.7255	2.3091
09:41:28	499.51	6.65	932.84	606.84	277.17	76.10	1650.00	73.4420	79.8474	45.9108	3.8007	7.2920	300.1773	2.3218
09:41:29	499.39	6.67	932.84	793.65	332.11	76.10	1675.43	73.4420	79.8474	45.9108	3.8225	7.3484	302.6291	2.3346
09:41:30	499.51	6.67	932.84	1008.55	426.13	76.10	1678.48	73.4420	79.8474	45.9108	3.8444	7.4047	305.0810	2.3473
09:41:31	499.51	6.67	932.84	1115.99	495.73	76.34	1678.48	79.1771	86.5878	49.8687	3.8681	7.4774	307.9351	2.3612
09:41:32	499.51	6.65	932.84	1006.10	473.75	76.10	1657.12	103.5516	113.2610	50.5471	3.8990	7.5724	310.8331	2.3752
09:41:33	499.51	6.62	932.84	870.57	424.91	76.34	1658.65	131.5900	143.9285	50.6602	3.9384	7.6931	313.7377	2.3893
09:41:34	499.39	6.61	819.05	737.48	367.52	76.10	1660.68	145.6094	159.2624	50.5471	3.9819	7.8268	316.6357	2.4033
09:41:35	499.39	6.56	819.05	721.61	349.21	76.10	1668.81	131.2714	143.5432	50.0948	4.0212	7.9472	319.4995	2.4173
09:41:36	499.51	6.53	819.05	759.46	345.54	76.34	1683.56	113.5881	124.1622	50.0948	4.0552	8.0513	322.3514	2.4312
09:41:37	499.39	6.48	819.05	820.51	376.07	76.34	1706.44	96.2233	105.1647	50.0948	4.0839	8.1288	325.1983	2.4451
09:41:38	499.39	6.43	819.54	971.92	388.28	76.10	1713.56	94.1523	102.8379	50.3210	4.1120	8.2046	328.0377	2.4591
09:41:39	499.39	6.40	819.05	982.91	393.16	76.10	1703.39	99.0909	108.1877	50.8864	4.1416	8.2842	330.8954	2.4732
09:41:40	499.27	6.38	819.05	902.32	387.06	76.34	1708.48	107.0564	116.8066	51.5649	4.1736	8.3703	333.7687	2.4875
09:41:41	499.51	6.30	819.05	804.64	383.39	76.34	1695.28	126.8109	138.2750	51.6780	4.2114	8.4722	336.6275	2.5019
09:41:42	499.39	6.29	819.54	736.26	372.41	76.34	1662.20	128.2446	139.7810	51.4518	4.2496	8.5752	339.4599	2.5162
09:41:43	499.51	6.23	819.05	608.06	333.33	76.34	1656.61	117.7302	128.2812	51.5649	4.2846	8.6697	342.2881	2.5305
09:41:44	499.51	6.21	701.83	576.31	321.12	76.34	1677.97	104.9854	114.2827	51.1125	4.3159	8.7538	345.0589	2.5447
09:41:45	499.39	6.19	702.32	644.69	332.11	76.58	1703.39	96.0640	104.5498	50.2079	4.3445	8.8309	347.7740	2.5586
09:41:46	499.39	6.14	702.32	888.89	407.81	76.34	1698.81	79.3364	86.2781	50.0948	4.3681	8.8944	350.4576	2.5726
09:41:47	499.51	6.13	702.81	931.62	426.13	76.34	1700.34	75.1944	81.7569	50.6602	4.3904	8.9460	353.1648	2.5866
09:41:48	499.51	6.09	702.32	904.76	426.13	76.34	1704.41	84.1157	91.4286	51.5649	4.4154	9.0038	355.9099	2.6010
09:41:49	499.39	6.06	702.32	821.73	406.59	76.58	1653.56	115.9778	125.9830	51.3387	4.4499	9.0834	358.6223	2.6152
09:41:50	499.51	6.01	702.32	699.63	363.86	76.58	1647.46	121.5536	132.0128	51.4518	4.4860	9.1668	361.3338	2.6295
09:41:51	499.39	5.99	702.32	570.21	302.81	76.34	1651.53	118.0488	128.1406	51.5649	4.5210	9.2477	364.0338	2.6438
09:41:52	499.51	5.95	701.83	540.90	282.05	76.34	1633.73	107.2157	116.3395	49.9817	4.5528	9.3212	366.6393	2.6577
09:41:53	499.51	5.93	702.32	507.94	268.62	76.34	1638.81	91.2847	98.9918	49.7556	4.5799	9.3838	369.2129	2.6715
09:41:54	499.51	5.90	684.74	518.93	258.85	76.34	1641.87	74.3978	80.6543	49.7556	4.6020	9.4347	371.7764	2.6854
09:41:55	499.51	5.88	685.23	561.66	261.29	76.58	1667.80	70.5744	76.4660	49.3033	4.6229	9.4830	374.2985	2.6991
09:41:56	499.51	5.88	684.74	680.10	295.48	76.34	1698.31	66.2730	71.7871	49.5294	4.6425	9.5283	376.8238	2.7128
09:41:57	499.39	5.83	684.74	998.78	404.15	76.58	1700.85	67.7068	73.3176	49.6425	4.6626	9.5735	379.3448	2.7266
09:41:58	499.39	5.81	684.74	1028.86	442.00	76.34	1682.04	73.2827	79.3270	50.3210	4.6843	9.6223	381.8885	2.7406
09:41:59	499.51	5.78	684.74	902.32	393.16	76.58	1693.73	88.7357	96.0546	51.3387	4.7105	9.6815	384.4836	2.7548
09:42:00	499.39	5.78	684.74	842.49	354.09	76.58	1700.85	130.3157	140.9842	51.4518	4.7491	9.7683	387.0655	2.7691
09:42:01	499.39	5.75	685.23	800.98	321.12	76.34	1708.98	133.9798	144.9111	50.8864	4.7887	9.8575	389.6104	2.7833
09:42:02	499.51	5.75	684.74	766.79	311.36	76.34	1702.88	117.7302	127.2833	51.1125	4.8235	9.9359	392.1529	2.7975
09:42:03	499.39	5.73	685.23	724.05	304.03	76.34	1692.71	109.9240	118.8436	51.3387	4.8560	10.0091	394.7066	2.8117
09:42:04	499.39	5.71	684.74	649.57	280.63	76.10	1688.65	104.5074	112.9411	51.5649	4.8869	10.0787	397.2578	2.8260
09:42:05	499.51	5.70	664.22	579.98	260.07	76.10	1682.04	100.0468	108.1205	51.4518	4.9164	10.1453	399.8033	2.8403
09:42:06	499.39	5.67	664.71	582.42	263.74	76.10	1690.68	94.4709	102.0631	51.2256	4.9443	10.2082	402.3273	2.8546
09:42:07	499.51	5.63	664.22	683.76	313.80	76.10	1708.98	84.7530	91.5453	50.8864	4.9694	10.2646	404.8278	2.8687
09:42:08	499.51	5.62	664.71	768.01	357.75	76.10	1723.22	75.6723	81.7201	50.8864	4.9917	10.3134	407.3214	2.8828
09:42:09	499.39	5.58	664.71	1000.00	428.57	76.10	1762.37	75.9909	82.0304	51.1125	5.0142	10.3624	409.8124	2.8970
09:42:10	499.39	5.57	664.22	1192.92	485.96	76.10	1746.10	89.2137	96.2595	51.5649	5.0405	10.4199	412.3099	2.9114
09:42:11	499.51	5.54	664.22	1161.17	492.06	76.34	1746.10	100.2061	108.0977	52.1303	5.0700	10.4845	414.8277	2.9258
09:42:12	499.51	5.52	664.71	1059.83	478.83	76.34	1748.65	130.4750	140.6925	53.2611	5.1085	10.5686	417.3858	2.9406
09:42:13	499.51	5.50	664.71	952.38	462.76	76.34	1746.61	155.6460	167.8001	52.6957	5.1544	10.6689	419.9097	2.9553
09:42:14	499.39	5.47	664.71	905.98	459.10	76.34	1745.59	151.5039	163.2758	52.6957	5.1990	10.7664	422.4213	2.9699
09:42:15	499.51	5.44	612.45	892.55	456.65	76.34	1771.53	138.2812	148.9873	52.6957	5.2398	10.8555	424.9239	2.9845
09:42:16	499.51	5.42	612.45	1037.85	488.40	76.58	1787.29	124.2619	133.8481	52.6957	5.2764	10.9355	427.4177	2.9992
09:42:17	499.39	5.37	612.45	1242.98	553.11	76.58	1788.81	118.2081	127.2748	52.6957	5.3112	11.0116	429.8974	3.0138
09:42:18	499.39	5.35	612.45	1258.85	544.57	76.58	1791.87	116.4557	125.3364	53.6003	5.3455	11.0806	432.4052	3.0287
09:42:19	499.51	5.33	612.45	1235.85	537.24	76.58	1792.88	135.4136	145.7024	54.0527	5.3853	11.1609	434.9251	3.0437

09:42:20	499.39	5.29	612.94	1151.40	504.27	76.58	1800.51	162.1777	174.3742	54.1657	5.4330	11.2569	437.4248	3.0588
09:42:21	499.51	5.29	612.45	1180.71	506.72	76.82	1826.44	164.2487	176.5737	54.0527	5.4813	11.3542	439.9138	3.0738
09:42:22	499.51	5.24	612.45	1249.08	532.36	76.82	1803.05	161.2218	173.2661	54.1657	5.5287	11.4496	442.3972	3.0888
09:42:23	499.51	5.24	612.45	1167.28	517.70	76.82	1804.07	150.2294	161.3610	54.2788	5.5728	11.5386	444.8656	3.1039
09:42:24	499.39	5.22	612.94	1095.24	488.40	76.58	1800.51	154.0529	165.4678	55.1835	5.6180	11.6297	447.3752	3.1192
09:42:25	499.39	5.22	560.68	1043.96	449.33	76.82	1795.93	162.9742	174.9419	54.3919	5.6659	11.7261	449.8269	3.1344
09:42:26	499.39	5.20	560.68	1010.99	426.13	76.82	1794.92	152.3005	163.4844	54.5050	5.7106	11.8161	452.2837	3.1495
09:42:27	499.51	5.19	560.68	971.92	412.70	76.82	1793.39	142.9012	153.3474	54.3919	5.7525	11.9006	454.7244	3.1646
09:42:28	499.51	5.16	560.68	937.73	395.60	76.82	1785.26	136.2102	146.1673	54.2788	5.7925	11.9743	457.1600	3.1797
09:42:29	499.51	5.16	560.68	888.89	387.06	76.82	1769.49	131.9088	141.5223	54.2788	5.8312	12.0457	459.5884	3.1948
09:42:30	499.39	5.14	560.68	803.42	365.08	76.82	1781.19	126.8109	136.0318	54.1657	5.8684	12.1143	462.0062	3.2098
09:42:31	499.51	5.14	560.68	848.60	357.75	77.06	1796.44	122.3502	131.1994	53.8265	5.9043	12.1804	464.3963	3.2248
09:42:32	499.51	5.14	560.68	969.47	367.06	77.06	1796.44	115.9778	124.3661	53.4873	5.9383	12.2432	466.7712	3.2396
09:42:33	499.39	5.14	560.68	1007.33	374.85	76.82	1786.78	104.8261	112.3788	53.9396	5.9690	12.2998	469.1572	3.2546
09:42:34	499.51	5.14	586.57	989.01	335.78	77.06	1811.19	110.7205	118.6980	54.2788	6.0015	12.3597	471.5582	3.2697
09:42:35	499.39	5.15	586.57	1076.92	341.88	76.82	1815.76	126.4922	135.6060	54.3919	6.0385	12.4281	473.9643	3.2848
09:42:36	499.51	5.15	587.06	1119.66	402.93	77.06	1801.02	131.4309	140.9005	53.8265	6.0771	12.4991	476.3453	3.2997
09:42:37	499.51	5.17	586.57	1039.07	405.37	76.82	1798.98	129.0412	138.3387	54.6181	6.1149	12.5721	478.7613	3.3149
09:42:38	462.15	5.17	587.06	960.93	384.62	76.82	1806.61	140.5115	150.6587	54.8442	6.1561	12.6516	481.1928	3.3301
09:42:39	462.03	5.18	586.57	951.16	371.18	76.58	1812.71	146.0874	156.6372	54.5050	6.1989	12.7342	483.6093	3.3453
09:42:40	461.90	5.18	587.06	985.35	368.74	76.82	1806.10	135.5729	145.3860	54.2788	6.2387	12.8109	486.0213	3.3604
09:42:41	462.03	5.21	586.57	949.94	363.86	76.58	1795.93	125.3771	134.4429	54.3919	6.2727	12.8819	488.4382	3.3755
09:42:42	462.15	5.21	587.06	898.66	378.51	76.82	1797.97	124.1026	133.1037	54.7311	6.3064	12.9521	490.8776	3.3907
09:42:43	462.03	5.21	586.57	893.77	411.48	76.82	1813.22	128.5633	137.8879	54.5050	6.3412	13.0249	493.3069	3.4058
09:42:44	462.15	5.23	612.45	1197.80	547.01	76.82	1861.02	123.9433	132.9808	54.2788	6.3749	13.0951	495.7389	3.4209
09:42:45	462.15	5.23	612.94	1532.36	721.61	77.06	1869.66	117.2523	125.8019	54.2788	6.4067	13.1615	498.1709	3.4360
09:42:46	462.15	5.26	612.94	1620.27	757.02	76.82	1864.58	116.6150	125.1182	54.7311	6.4384	13.2275	500.6232	3.4512
09:42:47	462.15	5.26	612.45	1516.48	706.96	76.82	1866.10	156.2832	167.7222	56.2012	6.4808	13.3199	503.1508	3.4668
09:42:48	404.76	5.26	612.45	1416.36	606.84	76.82	1869.66	199.9341	214.5681	56.4273	6.5351	13.4382	505.6885	3.4825
09:42:49	404.76	5.28	612.45	1313.80	558.00	76.82	1864.58	211.4045	226.9832	56.3143	6.5925	13.5633	508.2382	3.4981
09:42:50	404.76	5.29	612.45	1233.21	520.15	76.82	1863.56	197.8631	212.4440	56.3143	6.6463	13.6803	510.7879	3.5137
09:42:51	404.76	5.29	612.45	1145.30	488.40	76.82	1859.49	184.7997	198.3970	56.4273	6.6902	13.7896	513.3427	3.5294
09:42:52	404.76	5.29	612.45	1072.04	445.67	76.82	1856.95	171.4177	184.0588	56.4273	6.7310	13.8910	515.9032	3.5451
09:42:53	404.64	5.28	612.45	1064.71	446.89	76.82	1854.41	160.9032	172.8135	56.3143	6.7693	13.9861	518.4680	3.5607
09:42:54	404.76	5.28	586.57	1029.30	455.43	76.82	1859.49	149.4329	160.4941	56.0881	6.8049	14.0745	521.0225	3.5763
09:42:55	404.76	5.28	586.57	1029.30	455.43	76.82	1859.49	139.8743	150.2280	56.2012	6.8382	14.1573	523.5821	3.5919
09:42:56	404.76	5.26	586.57	1091.57	470.09	76.82	1867.12	138.9184	149.1629	55.9750	6.8712	14.2395	526.1221	3.6075
09:42:57	404.76	5.26	587.06	1255.19	514.04	77.06	1876.27	134.2984	144.2022	56.0881	6.9032	14.3155	528.6672	3.6230
09:42:58	404.76	5.23	587.06	1296.70	511.60	76.82	1858.98	134.2984	144.2022	56.0881	6.9351	14.3916	531.2123	3.6386
09:42:59	359.46	5.24	587.55	1197.80	432.23	76.82	1853.90	142.4232	152.8947	56.3143	6.9690	14.4722	533.7601	3.6543
09:43:00	359.58	5.22	587.06	1086.69	421.25	76.82	1865.59	163.7708	175.8118	56.7666	7.0080	14.5651	536.3283	3.6700
09:43:01	359.58	5.22	586.57	1114.77	428.57	76.82	1884.92	169.1873	181.5517	56.0881	7.0482	14.6609	538.8508	3.6856
09:43:02	359.58	5.21	587.06	1275.95	448.11	76.82	1870.17	156.2832	167.7165	55.9750	7.0812	14.7495	541.3738	3.7012
09:43:03	359.58	5.21	586.57	1227.11	446.89	76.82	1824.92	141.7860	152.1117	56.3143	7.1112	14.8299	543.9008	3.7168
09:43:04	359.58	5.19	586.57	918.19	384.62	76.82	1835.59	145.4501	156.0427	56.9928	7.1419	14.9122	546.4582	3.7326
09:43:05	359.71	5.21	558.73	809.52	363.86	76.82	1832.54	166.4791	178.5754	56.6535	7.1771	15.0064	548.9947	3.7484
09:43:06	359.46	5.19	558.73	810.74	358.97	76.82	1835.59	160.1066	171.7400	55.0704	7.2109	15.0970	551.4604	3.7637
09:43:07	359.58	5.19	558.73	905.98	372.41	76.82	1841.70	119.8012	128.4861	55.5227	7.2362	15.1648	553.9406	3.7791
09:43:08	359.46	5.18	558.24	995.12	408.59	76.82	1848.31	105.6226	113.2972	55.4096	7.2585	15.2218	556.4214	3.7945
09:43:09	321.98	5.18	558.73	1134.31	478.63	77.06	1825.42	105.7819	113.4505	55.4096	7.2808	15.2788	558.8967	3.8099
09:43:10	321.86	5.18	558.73	1072.04	477.41	77.06	1821.36	118.2081	126.7775	55.5227	7.3058	15.3425	561.3769	3.8253
09:43:11	321.98	5.18	558.24	1006.10	467.64	76.82	1837.12	129.8377	139.2287	55.9750	7.3332	15.4124	563.8718	3.8409
09:43:12	321.98	5.20	558.73	1217.34	492.06	76.82	1884.41	147.9991	158.6927	55.1835	7.3611	15.4921	566.3313	3.8562
09:43:13	321.86	5.20	558.73	1717.95	663.00	77.06	1908.31	139.8743	149.9808	54.9573	7.3876	15.5675	568.7808	3.8714
09:43:14	321.98	5.20	558.73	1843.71	709.40	77.06	1898.65	131.2714	140.7564	55.4096	7.4124	15.6381	571.2504	3.8868
09:43:15	321.86	5.20	569.96	1735.04	604.40	77.06	1915.42	158.8322	170.3436	56.9928	7.4424	15.7237	573.7983	3.9027
09:43:16	321.98	5.20	569.96	1586.08	592.19	76.82	1927.12	224.1493	240.3946	57.5582	7.4848	15.8445	576.3714	3.9187
09:43:17	321.86	5.20	570.45	1664.22	623.93	76.82	1944.41	240.5582	257.9928	57.3320	7.5302	15.9742	578.9344	3.9346
09:43:18	293.16	5.20	570.45	1571.43	622.71	76.82	1897.63	226.3796	242.7865	57.6712	7.5730	16.0986	581.5126	3.9506
09:43:19	293.16	5.20	570.45	1277.17	536.02	76.82	1884.41	206.9438	221.9421	58.3497	7.6122	16.2124	584.1212	3.9668
09:43:20	293.16	5.20	570.45	1277.17	536.02	76.82	1884.41	217.1396	232.8769	58.8020	7.6532	16.3318	586.7499	3.9831
09:43:21	293.16	5.20	570.45	1085.47	459.10	76.82	1923.56	205.0321	219.8803	57.3320	7.6885	16.4447	589.3129	3.9991
09:43:22	293.28	5.20	570.45	1241.76	494.51	76.82	1910.34	166.6384	178.7061	56.8797	7.7172	16.5363	591.8557	4.0149
09:43:23	293.28	5.18	570.45	1188.03	494.51	76.82	1902.20	166.6384	178.7061	56.8797	7.7459	16.6280	594.3985	4.0307
09:43:24	293.28	5.18	570.45	1145.30	472.53	76.82	1904.24	141.6267	151.8831	58.1236	7.7702	16.7059	596.9969	4.0468
09:43:25	293.28	5.18	584.62	1169.72	474.97	76.82	1906.78	162.0184	173.7516	57.5582	7.7981	16.7951	599.5701	4.0628
09:43:26	293.16	5.18	584.62	1192.92	493.28	76.82	1900.17	155.0087	166.1915	57.3320	7.8248	16.8803	602.1234	4.0787

09:43:27	293.16	5.17	584.62	1200.24	498.17	76.82	1917.46	149.4329	160.2134	57.4451	7.8505	16.9625	604.6819	4.0947
09:43:28	260.32	5.15	584.62	1504.27	627.59	76.82	1941.87	152.6191	163.6294	57.5582	7.8768	17.0486	607.2453	4.1107
09:43:29	260.32	5.15	584.62	1636.14	693.53	76.82	1936.78	155.6460	166.8747	57.4451	7.9036	17.1363	609.8038	4.1266
09:43:30	260.32	5.12	584.13	1628.37	682.54	76.82	1942.88	156.6018	167.8735	58.0105	7.9305	17.2246	612.3815	4.1427
09:43:31	260.32	5.12	584.62	1586.08	643.47	76.82	1939.83	196.2700	210.3300	58.5759	7.9605	17.3351	614.9746	4.1590
09:43:32	260.32	5.08	585.10	1509.16	592.19	76.82	1939.83	213.4755	228.7680	58.3497	7.9931	17.4554	617.5576	4.1752
09:43:33	260.32	5.08	584.62	1456.65	578.75	77.06	1962.71	212.2010	227.3084	58.5759	8.0255	17.5748	620.1349	4.1915
09:43:34	260.20	5.06	586.57	1609.28	627.59	76.82	1982.54	206.9438	221.6769	58.6890	8.0571	17.6914	622.7172	4.2078
09:43:35	260.32	5.06	587.06	1765.57	676.43	76.82	1975.93	196.9073	210.8170	58.6890	8.0872	17.8023	625.2798	4.2241
09:43:36	260.32	5.04	587.06	1710.62	658.12	76.82	1973.90	190.0569	203.4828	59.2544	8.1162	17.9093	627.8671	4.2406
09:43:37	260.32	5.03	586.57	1594.63	622.71	76.82	1965.76	209.9707	224.7453	59.8198	8.1482	18.0279	630.4690	4.2572
09:43:38	247.86	5.04	587.55	1452.99	584.86	76.58	1963.22	230.3624	246.5718	59.5936	8.1833	18.1580	633.0611	4.2737
09:43:39	247.99	5.04	586.57	1327.23	516.48	76.58	1968.81	223.1934	238.8491	59.5936	8.2174	18.2841	635.6451	4.2903
09:43:40	247.86	5.06	586.57	1358.97	529.91	76.58	1979.49	208.0590	222.6186	59.2544	8.2491	18.4016	638.2085	4.3067
09:43:41	247.86	5.06	587.06	1526.25	643.47	76.82	1986.10	189.5790	202.8827	59.3675	8.2766	18.5088	640.7847	4.3232
09:43:42	247.86	5.06	586.57	1588.52	680.10	76.82	1982.04	173.1701	185.3223	59.4805	8.3018	18.6065	643.3659	4.3398
09:43:43	247.86	5.06	586.57	1548.23	609.28	76.82	1952.04	177.3121	189.8040	59.7067	8.3275	18.7067	645.9669	4.3563
09:43:44	247.86	5.09	590.48	1221.00	504.27	76.82	1900.17	199.1376	213.1671	59.8198	8.3565	18.8192	648.5728	4.3730
09:43:45	247.86	5.09	590.48	1037.85	467.64	76.58	1883.90	207.2624	221.8643	59.8198	8.3866	18.9362	651.1788	4.3896
09:43:46	247.86	5.09	590.48	919.41	415.14	76.82	1900.68	202.0052	216.2367	58.8020	8.4159	19.0503	653.7403	4.4059
09:43:47	247.86	5.09	590.96	916.97	395.60	76.82	1911.87	159.3101	170.5865	57.3320	8.4391	19.1409	656.2494	4.4218
09:43:48	247.86	5.10	590.48	1074.48	391.94	76.58	1925.09	135.4136	144.9985	56.7666	8.4588	19.2179	658.7338	4.4376
09:43:49	247.37	5.08	590.48	1278.39	428.57	76.82	1876.27	119.9605	128.4516	57.4451	8.4762	19.2861	661.2479	4.4536
09:43:50	247.37	5.08	590.96	1106.23	407.81	76.58	1861.02	119.6419	128.1105	57.6712	8.4936	19.3542	663.7718	4.4696
09:43:51	247.37	5.10	590.48	945.05	377.29	76.58	1865.09	140.1929	150.1393	58.1236	8.5139	19.4339	666.3214	4.4857
09:43:52	247.37	5.10	590.48	846.15	339.44	76.58	1865.09	166.7977	178.5947	56.7666	8.5381	19.5288	668.8039	4.5015
09:43:53	247.37	5.11	590.48	860.81	345.54	76.58	1878.31	144.3350	154.5433	56.0881	8.5591	19.6109	671.2566	4.5171
09:43:54	247.37	5.13	596.83	936.51	377.29	76.58	1888.98	123.3060	132.0475	56.2012	8.5769	19.6810	673.7200	4.5327
09:43:55	247.37	5.13	596.83	1194.14	465.20	76.58	1900.68	110.4019	118.2285	56.3143	8.5930	19.7438	676.1884	4.5483
09:43:56	247.37	5.13	596.34	1371.18	565.32	76.58	1909.83	112.3136	120.3006	56.7666	8.6093	19.8077	678.6842	4.5641
09:43:57	247.37	5.15	596.34	1518.93	644.69	76.58	1885.42	122.1909	130.9072	56.8797	8.6270	19.8780	681.1926	4.5799
09:43:58	247.37	5.14	596.34	1363.86	575.09	76.58	1843.73	155.8053	166.9195	57.4451	8.6496	19.9675	683.7259	4.5959
09:43:59	235.78	5.14	596.34	1095.24	504.27	76.82	1821.87	178.9052	191.6673	57.6712	8.6756	20.0703	686.2693	4.6119
09:44:00	235.78	5.15	596.83	818.07	428.57	76.58	1821.87	198.1817	212.3846	56.9928	8.7043	20.1842	688.7941	4.6277
09:44:01	235.78	5.15	596.34	789.99	420.02	76.82	1827.46	177.9494	190.6727	55.6358	8.7301	20.2865	691.2533	4.6432
09:44:02	235.78	5.15	596.83	899.88	449.33	76.82	1841.19	142.9012	153.1153	54.9573	8.7499	20.3686	693.6825	4.6584
09:44:03	235.78	5.17	596.34	1017.09	468.86	76.82	1853.39	106.7378	114.3907	54.9573	8.7647	20.4300	696.1190	4.6737
09:44:04	235.78	5.17	596.34	1017.09	468.86	76.82	1853.39	103.0737	110.4638	55.1835	8.7789	20.4893	698.5656	4.6890
09:44:05	235.78	5.18	602.20	1180.71	471.31	77.06	1841.70	117.4116	125.8298	55.6358	8.7952	20.5568	701.0323	4.7045
09:44:06	235.78	5.17	602.20	1122.10	472.53	76.82	1847.29	132.7053	142.2494	55.9750	8.8135	20.6331	703.5215	4.7200
09:44:07	235.78	5.17	602.20	1133.09	496.95	77.06	1851.87	132.7053	142.2494	55.9750	8.8319	20.7094	706.0107	4.7356
09:44:08	230.77	5.17	602.20	1159.95	525.03	77.06	1856.95	154.0529	165.1578	55.7489	8.8532	20.7988	708.4954	4.7511
09:44:09	230.77	5.15	602.69	1201.48	512.82	77.06	1866.61	146.4060	156.9273	55.8620	8.8735	20.8838	710.9777	4.7666
09:44:10	230.77	5.12	602.20	1238.87	505.49	77.06	1871.70	147.8398	158.4641	55.9750	8.8939	20.9696	713.4650	4.7821
09:44:11	230.77	5.08	602.20	1330.89	536.02	77.06	1856.44	151.3446	162.2193	55.9750	8.9144	21.0575	715.9523	4.7977
09:44:12	230.77	5.07	602.20	1240.54	534.80	77.06	1811.19	156.7611	167.9817	56.3143	8.9357	21.1485	718.4453	4.8133
09:44:13	230.77	5.05	602.20	1047.62	490.84	77.31	1721.19	161.3811	172.8611	56.6535	8.9575	21.2422	720.9380	4.8291
09:44:14	230.77	5.01	550.43	769.23	411.48	77.31	1597.63	173.6480	185.9142	55.9750	8.9810	21.3428	723.3840	4.8446
09:44:15	230.77	4.99	550.43	630.04	363.86	77.06	1522.88	161.8591	173.2657	54.6181	9.0029	21.4367	725.7651	4.8598
09:44:16	230.77	4.96	550.43	528.69	322.34	77.06	1472.54	136.6880	146.2830	51.7910	9.0214	21.5159	728.0143	4.8742
09:44:17	230.77	4.93	550.92	416.38	267.40	77.06	1425.26	100.3654	107.3608	48.0594	9.0349	21.5690	730.0870	4.8875
09:44:18	224.30	4.89	549.94	354.09	230.77	77.06	1388.64	82.2040	87.9110	45.7978	9.0460	21.6126	732.0544	4.9002
09:44:19	224.30	4.87	550.92	297.92	201.47	77.31	1355.59	68.9813	73.7322	44.4408	9.0553	21.6491	733.9485	4.9126
09:44:20	224.30	4.87	550.92	297.92	201.47	77.31	1355.59	54.3248	58.0452	42.9707	9.0627	21.6778	735.7699	4.9245
09:44:21	224.30	4.83	550.92	278.39	188.03	77.31	1285.93	46.1999	49.3379	41.8399	9.0687	21.7022	737.5294	4.9361
09:44:22	224.30	4.83	550.43	242.98	169.72	77.06	1196.44	38.8717	41.5033	40.8222	9.0738	21.7228	739.2405	4.9475
09:44:23	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	38.8717	41.5033	40.8222	9.0789	21.7433	740.9517	4.9588
09:44:24	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	36.3227	38.7618	38.7867	9.0837	21.7626	742.5645	4.9696
09:44:25	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	31.7027	33.8316	35.9597	9.0878	21.7793	744.0597	4.9796
09:44:26	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	29.6317	31.6068	35.6205	9.0917	21.7949	745.5301	4.9895
09:44:27	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	29.6317	31.6068	35.6205	9.0956	21.8106	747.0005	4.9994
09:44:28	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	29.6317	31.6068	35.6205	9.0995	21.8262	748.4709	5.0093
09:44:29	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	29.6317	31.6068	35.6205	9.1034	21.8419	749.9412	5.0192
09:44:30	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	29.6317	31.6068	35.6205	9.1072	21.8575	751.4116	5.0291
09:44:31	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	29.6317	31.6068	35.6205	9.1111	21.8732	752.8820	5.0389
09:44:32	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	29.6317	31.6068	35.6205	9.1150	21.8888	754.3524	5.0488
09:44:33	224.30	4.80	550.43	227.11	153.85	77.31	1181.19	29.6317	31.6068	35.6205	9.1189	21.9045	755.8227	5.0587

09:44:34	213.80	4.62	496.21	109.89	80.59	77.06	695.59	29.6317	31.6068	35.6205	9.1228	21.9201	757.2931	5.0686
09:44:35	213.80	4.62	483.03	106.23	81.81	77.06	735.76	29.6317	31.6068	35.6205	9.1267	21.9358	758.7635	5.0785
09:44:36	213.80	4.62	483.03	103.79	81.81	77.06	738.81	29.6317	31.6068	35.6205	9.1305	21.9514	760.2339	5.0884
09:44:37	213.68	4.61	483.03	102.56	84.25	77.06	712.88	14.3379	15.2578	15.1528	9.1323	21.9582	760.8365	5.0926
09:44:38	199.51	4.61	483.03	102.56	84.25	77.06	704.75	13.8600	14.7492	11.8735	9.1341	21.9646	761.3086	5.0959
09:44:39	199.39	4.58	483.03	102.56	83.03	77.06	693.58	13.5413	14.4101	11.4212	9.1357	21.9709	761.7628	5.0991
09:44:40	199.39	4.55	483.03	102.56	78.14	77.06	700.17	13.3820	14.2384	9.0465	9.1374	21.9771	762.1217	5.1016
09:44:41	199.39	4.52	482.54	101.34	76.92	77.06	691.53	13.3820	14.2380	7.9157	9.1390	21.9833	762.4357	5.1038
09:44:42	199.39	4.48	482.54	102.56	78.14	77.06	684.41	13.3820	14.2314	6.1064	9.1405	21.9894	762.6760	5.1055
09:44:43	199.39	4.39	482.54	102.56	75.70	77.31	683.39	13.3820	14.2255	3.5055	9.1421	21.9956	762.8131	5.1065
09:44:44	199.39	4.32	482.54	100.12	74.48	77.06	683.39	13.2227	14.0511	2.4878	9.1436	22.0017	762.9098	5.1072
09:44:45	199.39	4.22	470.33	96.46	70.82	77.06	680.85	13.3820	14.2130	1.4701	9.1452	22.0079	762.9664	5.1076
09:44:46	199.39	4.14	470.33	95.24	69.60	77.06	681.86	13.3820	14.1961	0.6785	9.1467	22.0140	762.9920	5.1078
09:44:47	199.39	4.01	469.84	94.02	70.82	77.06	682.88	13.0634	13.8459	0.0000	9.1482	22.0200	762.9920	5.1078
09:44:48	168.86	3.91	469.84	94.02	70.82	76.82	685.42	12.5855	13.3207	0.1131	9.1497	22.0257	762.9961	5.1078
09:44:49	168.86	3.83	470.33	92.80	67.16	76.82	682.37	12.4262	13.1392	0.1131	9.1511	22.0312	763.0002	5.1078
09:44:50	168.86	3.75	470.33	90.35	62.27	76.82	682.37	12.2669	12.9473	0.0000	9.1525	22.0367	763.0002	5.1078
09:44:51	168.86	3.62	469.84	86.69	54.95	76.58	681.36	12.2669	12.9304	0.0000	9.1537	22.0422	763.0002	5.1078
09:44:52	168.86	3.54	470.33	85.47	51.28	76.58	684.41	12.1076	12.7486	0.1131	9.1549	22.0476	763.0039	5.1079
09:44:53	168.86	3.38	469.84	83.03	47.62	76.58	682.37	11.7889	12.4003	0.0000	9.1560	22.0528	763.0039	5.1079
09:44:54	168.86	3.29	470.33	81.81	46.40	76.58	682.37	11.3110	11.8772	0.0000	9.1571	22.0578	763.0039	5.1079
09:44:55	168.86	3.15	330.16	83.03	46.40	76.58	682.37	11.1517	11.6965	0.1131	9.1582	22.0628	763.0073	5.1079
09:44:56	168.86	3.06	330.16	86.69	52.50	76.34	683.90	10.8331	11.3388	0.1131	9.1593	22.0676	763.0106	5.1079
09:44:57	168.86	2.98	329.67	89.13	63.49	76.58	683.90	10.6738	11.1587	0.0000	9.1603	22.0723	763.0106	5.1079
09:44:58	153.36	2.88	329.67	94.02	69.60	76.58	683.90	10.8331	11.3035	0.1131	9.1613	22.0756	763.0137	5.1080
09:44:59	153.36	2.76	329.67	97.68	78.14	76.58	683.90	11.3110	11.7887	0.1131	9.1624	22.0791	763.0166	5.1080
09:45:00	153.24	2.68	329.67	97.68	80.59	76.58	683.90	11.6296	12.1069	0.1131	9.1635	22.0827	763.0195	5.1080
09:45:01	153.36	2.57	330.16	96.46	78.14	76.58	684.92	12.2669	12.7540	0.1131	9.1646	22.0865	763.0223	5.1081
09:45:02	153.36	2.51	330.16	96.46	78.14	76.82	684.92	12.7448	13.2302	0.1131	9.1657	22.0904	763.0250	5.1081
09:45:03	153.36	2.44	330.16	96.46	76.92	76.82	685.93	12.7448	13.2157	0.1131	9.1668	22.0944	763.0276	5.1081
09:45:04	153.36	2.40	187.55	98.90	76.92	76.82	685.93	12.5855	13.0315	0.1131	9.1679	22.0982	763.0301	5.1081
09:45:05	153.36	2.34	187.55	100.12	79.37	76.58	683.90	12.5855	13.0213	0.1131	9.1690	22.1021	763.0326	5.1082
09:45:06	153.24	2.32	187.55	98.90	76.92	76.58	683.90	12.5855	13.0077	0.1131	9.1701	22.1060	763.0350	5.1082
09:45:07	153.36	2.30	187.55	96.46	74.48	76.58	682.88	12.9041	13.3301	0.0000	9.1712	22.1082	763.0350	5.1082
09:45:08	141.51	2.26	188.03	95.24	70.82	76.58	685.93	13.0634	13.4841	0.1131	9.1724	22.1105	763.0372	5.1082
09:45:09	141.39	2.28	188.03	92.80	69.60	76.58	683.90	12.9041	13.3155	0.0000	9.1735	22.1127	763.0372	5.1082
09:45:10	141.39	2.26	188.03	92.80	69.60	76.58	696.10	12.5855	12.9833	0.1131	9.1746	22.1149	763.0395	5.1083
09:45:11	141.39	2.30	187.55	92.80	69.60	76.58	714.92	12.4262	12.8134	0.1131	9.1756	22.1171	763.0417	5.1083
09:45:12	141.39	2.31	187.55	94.02	70.82	76.34	722.03	12.1076	12.4868	0.1131	9.1765	22.1192	763.0439	5.1083
09:45:13	141.39	2.36	187.55	95.24	69.60	76.34	769.83	12.1076	12.4842	2.3747	9.1775	22.1213	763.0901	5.1090
09:45:14	141.39	2.38	284.25	97.68	68.38	76.34	1057.63	12.1076	12.4907	2.9401	9.1785	22.1234	763.1482	5.1098
09:45:15	141.39	2.41	284.25	106.23	69.60	76.58	1254.92	12.2669	12.6570	3.3924	9.1794	22.1255	763.2157	5.1108
09:45:16	141.39	2.46	284.74	137.97	72.04	76.34	1330.68	12.4262	12.8301	4.0709	9.1804	22.1277	763.2984	5.1119
09:45:17	141.51	2.53	284.25	169.72	74.48	76.34	815.09	12.7448	13.1625	5.5410	9.1815	22.1311	763.4119	5.1134
09:45:18	141.39	2.58	284.25	153.85	73.26	76.34	872.03	13.8600	14.3202	7.3503	9.1826	22.1347	763.5645	5.1155
09:45:19	134.43	2.64	284.25	142.86	74.48	76.34	1398.31	18.0020	18.6105	8.8203	9.1840	22.1395	763.7508	5.1179
09:45:20	134.31	2.70	283.76	168.50	83.03	76.10	1328.64	22.1441	22.9140	7.4633	9.1858	22.1454	763.9130	5.1200
09:45:21	134.43	2.78	284.25	188.03	87.91	76.34	1353.05	20.0731	20.7872	7.1241	9.1874	22.1507	764.0714	5.1220
09:45:22	134.43	2.83	283.76	197.80	97.68	76.10	1465.42	18.6393	19.3173	8.9334	9.1888	22.1556	764.2746	5.1244
09:45:23	134.43	2.87	284.25	230.77	129.43	76.10	1642.37	21.9848	22.8023	9.9511	9.1905	22.1614	764.5059	5.1272
09:45:24	134.43	2.95	284.25	324.79	163.61	76.10	1660.68	24.5338	25.4712	10.2904	9.1924	22.1679	764.7516	5.1301
09:45:25	134.43	2.99	379.98	437.12	191.70	76.10	1007.29	25.8082	26.8153	11.0819	9.1943	22.1748	765.0218	5.1331
09:45:26	134.43	3.05	379.98	362.64	172.16	76.10	828.31	30.1096	31.2992	12.2127	9.1966	22.1828	765.3233	5.1365
09:45:27	134.43	3.11	379.98	249.08	123.32	76.10	777.46	42.3765	44.0966	14.2482	9.1999	22.1941	765.6846	5.1405
09:45:28	126.01	3.16	379.98	200.24	106.23	76.10	809.49	57.0330	59.3852	14.2482	9.2043	22.2143	766.0517	5.1445
09:45:29	126.01	3.22	379.98	168.06	103.79	76.34	1087.12	47.3151	49.3023	13.7959	9.2079	22.2312	766.4136	5.1483
09:45:30	126.01	3.26	379.98	167.28	109.89	76.10	1241.19	32.4993	33.8907	13.2305	9.2104	22.2428	766.7673	5.1520
09:45:31	126.01	3.30	379.98	181.93	125.76	76.10	1309.32	26.1269	27.2649	13.0043	9.2123	22.2521	767.1211	5.1556
09:45:32	126.01	3.35	379.98	222.22	163.61	76.10	931.53	21.6662	22.6263	13.3435	9.2138	22.2598	767.4904	5.1593
09:45:33	126.01	3.40	379.98	217.34	156.29	76.10	728.14	21.8255	22.8057	14.3613	9.2154	22.2676	767.8932	5.1633
09:45:34	126.01	3.43	379.98	190.48	128.21	76.10	743.39	23.7372	24.8175	15.0398	9.2171	22.2761	768.3205	5.1674
09:45:35	126.01	3.47	412.21	150.18	102.56	76.10	1023.05	28.9944	30.3313	14.8136	9.2192	22.2865	768.7469	5.1716
09:45:36	126.01	3.49	412.21	141.64	92.80	76.10	1296.10	28.3572	29.6848	13.5697	9.2213	22.2966	769.1434	5.1753
09:45:37	126.01	3.50	412.21	155.07	90.35	76.10	1250.85	24.8524	26.0267	12.3258	9.2230	22.3055	769.5069	5.1788
09:45:38	148.35	3.55	412.21	175.82	90.35	76.10	1400.85	19.5951	20.5317	12.7781	9.2245	22.3131	769.8880	5.1823
09:45:39	148.35	3.57	412.21	200.24	96.46	76.10	1524.41	18.4800	19.3693	14.3613	9.2258	22.3203	770.3193	5.1863
09:45:40	148.35	3.62	412.21	290.60	130.65	76.34	1460.34	20.2324	21.2093	14.7005	9.2273	22.3282	770.7622	5.1904

09:45:41	148.35	3.64	412.21	313.80	151.40	76.34	1361.19	22.9406	24.0656	16.1706	9.2292	22.3371	771.2564	5.1949
09:45:42	148.35	3.68	412.21	291.82	152.63	76.10	1485.26	26.1269	27.4151	17.5275	9.2314	22.3472	771.7951	5.1997
09:45:43	148.35	3.71	412.21	282.05	150.18	76.10	1631.70	37.9158	39.8081	18.6583	9.2347	22.3620	772.3754	5.2049
09:45:44	148.35	3.75	412.21	351.65	175.82	76.10	1137.97	40.9427	42.9994	18.6583	9.2382	22.3779	772.9595	5.2101
09:45:45	148.35	3.78	444.44	298.70	167.28	76.10	879.66	38.0751	40.0106	18.7714	9.2414	22.3928	773.5540	5.2153
09:45:46	148.35	3.82	444.44	244.20	153.85	75.85	825.76	36.8006	38.6874	20.5807	9.2446	22.4071	774.2114	5.2210
09:45:47	148.35	3.86	444.44	208.79	136.75	76.10	808.98	45.8813	48.2587	20.6938	9.2485	22.4250	774.8793	5.2268
09:45:48	213.31	3.90	443.96	174.60	117.22	76.10	775.93	38.7124	40.7330	19.2237	9.2518	22.4413	775.5043	5.2321
09:45:49	213.31	3.90	443.96	161.17	105.01	76.10	704.24	31.8620	33.5443	17.8668	9.2545	22.4547	776.0918	5.2371
09:45:50	213.19	3.96	444.44	147.74	97.68	76.10	745.42	27.2420	28.6937	17.6406	9.2568	22.4662	776.6772	5.2420
09:45:51	213.31	3.98	443.96	136.75	95.24	75.85	789.66	22.7813	24.0106	16.8491	9.2597	22.4758	777.2420	5.2467
09:45:52	213.31	4.01	443.96	134.31	94.02	75.85	1239.66	21.0289	22.1637	15.1528	9.2622	22.4846	777.7499	5.2509
09:45:53	213.31	4.01	444.44	152.63	95.24	76.10	860.34	19.2765	20.3335	15.2659	9.2646	22.4927	778.2699	5.2551
09:45:54	213.31	4.03	444.44	152.63	98.46	75.85	1317.46	17.8427	18.8250	14.5874	9.2668	22.5002	778.7686	5.2592
09:45:55	213.31	4.05	420.51	180.71	125.76	76.10	961.02	17.5241	18.4985	15.8313	9.2690	22.5076	779.3153	5.2636
09:45:56	213.31	4.05	420.51	180.71	125.76	76.10	961.02	19.9138	21.0210	12.8912	9.2714	22.5160	779.7604	5.2671
09:45:57	213.31	4.07	420.51	156.29	114.77	76.10	1026.10	19.9138	21.0253	14.2482	9.2739	22.5244	780.2542	5.2711
09:45:58	261.29	4.07	420.02	146.52	102.56	76.34	736.78	23.5779	24.9017	14.5874	9.2768	22.5339	780.7628	5.2752
09:45:59	261.29	4.06	420.51	131.87	94.02	76.10	716.44	23.5779	24.9017	14.5874	9.2797	22.5433	781.2714	5.2792
09:46:00	261.29	4.07	420.02	120.88	86.69	76.34	701.70	20.3917	21.5422	13.6828	9.2822	22.5514	781.7507	5.2830
09:46:01	261.29	4.07	420.51	120.88	84.25	76.10	764.24	19.1172	20.1976	11.4212	9.2851	22.5590	782.1508	5.2862
09:46:02	261.29	4.07	420.02	123.32	84.25	76.10	1110.51	17.2055	18.1750	9.4988	9.2877	22.5659	782.4826	5.2888
09:46:03	261.29	4.10	420.02	137.97	85.47	76.10	1211.70	15.7717	16.6630	7.0110	9.2901	22.5722	782.7282	5.2908
09:46:04	261.29	4.10	420.02	137.97	85.47	76.34	1211.70	15.7717	16.6630	8.0287	9.2925	22.5785	783.0095	5.2930
09:46:05	261.29	4.13	398.05	151.40	91.58	76.10	703.22	16.0903	16.9997	9.4988	9.2949	22.5849	783.3423	5.2956
09:46:06	261.29	4.13	397.56	137.97	89.13	76.10	717.97	18.0020	19.0253	10.7427	9.2976	22.5921	783.7208	5.2986
09:46:07	261.29	4.17	397.56	126.98	86.69	76.10	729.66	18.0020	19.0253	10.7427	9.3003	22.5993	784.0993	5.3016
09:46:08	341.15	4.18	398.05	117.22	80.59	76.10	1075.42	19.7544	20.8871	8.2549	9.3033	22.6068	784.3926	5.3039
09:46:09	341.15	4.20	397.56	118.44	78.14	76.10	810.51	18.0020	19.0342	8.9334	9.3061	22.6136	784.7101	5.3064
09:46:10	341.15	4.22	397.56	125.76	94.02	76.10	715.93	16.5683	17.5264	9.1596	9.3086	22.6199	785.0383	5.3089
09:46:11	341.15	4.22	397.56	145.30	111.11	76.10	1095.26	15.2938	16.1839	10.0642	9.3116	22.6257	785.4003	5.3117
09:46:12	341.15	4.22	397.56	145.30	111.11	76.34	1095.26	15.4531	16.3559	10.4034	9.3146	22.6315	785.7760	5.3146
09:46:13	341.15	4.21	397.56	208.35	116.00	76.34	1708.48	16.4089	17.3730	7.5764	9.3179	22.6377	786.0511	5.3167
09:46:14	341.27	4.18	367.77	460.32	163.61	76.34	1787.29	18.9579	20.0717	9.8380	9.3216	22.6449	786.4083	5.3194
09:46:15	341.15	4.16	367.77	824.18	269.84	76.58	1923.56	18.9579	20.0717	9.8380	9.3254	22.6521	786.7655	5.3222
09:46:16	341.15	4.11	367.77	1456.65	575.09	76.34	1759.83	26.9234	28.5007	12.2127	9.3307	22.6623	787.2076	5.3256
09:46:17	341.27	4.10	367.77	1409.04	606.84	76.58	1070.34	60.0599	63.5523	16.6229	9.3426	22.6833	787.8050	5.3302
09:46:18	341.15	4.07	367.77	1012.21	498.17	76.34	1013.90	107.5343	113.7636	19.3368	9.3638	22.7209	788.4974	5.3356
09:46:19	397.92	4.02	367.77	700.85	327.23	76.34	1051.53	190.0569	200.9313	21.3723	9.4014	22.7874	789.2533	5.3415
09:46:20	397.92	3.99	368.25	431.01	264.96	76.34	1317.97	183.8438	194.3225	22.5031	9.4377	22.8516	790.0461	5.3478
09:46:21	397.92	3.96	368.25	404.15	236.87	76.58	1642.88	132.0681	139.5451	22.1639	9.4637	22.8978	790.8218	5.3539
09:46:22	397.80	3.90	367.77	577.53	249.08	76.34	1831.02	91.4440	96.5711	22.9554	9.4848	22.9297	791.6160	5.3603
09:46:23	397.92	3.87	367.77	920.63	354.09	76.58	1968.31	56.2365	59.3680	22.6162	9.4977	22.9494	792.3931	5.3666
09:46:24	397.80	3.83	340.42	1588.52	611.72	76.34	1596.10	52.7316	55.6392	24.4255	9.5098	22.9678	793.2241	5.3734
09:46:25	397.92	3.79	340.42	1589.74	623.93	76.34	1143.05	75.3537	79.4550	27.3656	9.5271	22.9941	794.1433	5.3810
09:46:26	397.80	3.76	339.93	1167.28	510.38	76.10	1073.39	120.1198	126.5920	29.6272	9.5547	23.0360	795.1284	5.3892
09:46:27	397.80	3.71	339.93	658.12	334.55	76.34	1079.49	207.2624	218.3166	32.3411	9.6023	23.1028	796.1929	5.3982
09:46:28	461.05	3.69	339.93	465.20	263.74	76.10	1093.22	207.4217	218.3826	32.6804	9.6498	23.1697	797.2588	5.4072
09:46:29	461.17	3.69	339.93	355.31	217.34	76.10	1053.05	152.3005	160.2737	32.3411	9.6847	23.2187	798.3037	5.4162
09:46:30	461.05	3.65	339.93	263.74	172.16	76.10	1029.66	85.8682	90.3073	32.5673	9.7044	23.2463	799.3429	5.4253
09:46:31	461.05	3.64	339.93	231.99	153.85	76.34	1012.37	60.6972	63.8259	32.9065	9.7205	23.2658	800.3874	5.4344
09:46:32	461.05	3.62	339.93	190.48	141.64	76.10	1026.61	46.3592	48.7489	31.7757	9.7328	23.2807	801.3959	5.4432
09:46:33	461.29	3.62	340.42	175.82	126.98	76.10	1044.92	34.4110	36.1679	30.9842	9.7420	23.2917	802.3700	5.4518
09:46:34	461.05	3.61	401.95	199.02	120.88	76.10	1476.61	30.2689	31.8094	30.6449	9.7500	23.3015	803.3303	5.4604
09:46:35	461.05	3.61	402.44	253.97	133.09	75.85	1516.27	24.8524	26.1104	30.9842	9.7566	23.3094	804.2961	5.4690
09:46:36	461.05	3.62	402.44	333.33	151.40	75.85	1108.48	22.9406	24.1019	30.9842	9.7627	23.3168	805.2618	5.4776
09:46:37	460.93	3.65	401.95	291.82	150.18	76.10	1068.81	25.9675	27.2763	32.2280	9.7696	23.3267	806.2620	5.4865
09:46:38	499.39	3.67	401.95	252.75	150.18	76.10	1070.34	33.1365	34.8066	33.0196	9.7783	23.3393	807.2868	5.4957
09:46:39	499.51	3.72	401.95	230.77	141.64	76.10	1552.37	43.4917	45.6932	33.4719	9.7899	23.3558	808.3301	5.5050
09:46:40	499.39	3.74	402.44	308.91	153.85	76.10	1575.26	38.0751	40.0170	32.2280	9.8000	23.3703	809.3422	5.5139
09:46:41	499.39	3.77	402.44	449.33	184.37	76.10	1336.27	32.9772	34.6687	32.2280	9.8095	23.3828	810.3586	5.5229
09:46:42	499.39	3.84	402.44	477.41	213.68	75.85	1174.07	30.1096	31.6770	33.2458	9.8181	23.3943	811.4227	5.5321
09:46:43	499.51	3.90	401.95	411.48	210.01	75.85	1155.26	40.3055	42.4168	34.3766	9.8297	23.4096	812.5300	5.5417
09:46:44	499.51	3.96	463.98	310.13	200.24	76.10	1118.65	58.6261	61.7196	35.6205	9.8466	23.4319	813.6857	5.5516
09:46:45	499.51	4.04	463.49	266.18	189.26	76.10	1016.44	62.2903	65.6383	35.3943	9.8645	23.4557	814.8555	5.5614
09:46:46	499.51	4.14	463.49	231.99	172.16	76.10	931.53	53.6875	56.6143	34.9420	9.8800	23.4762	816.0268	5.5711
09:46:47	499.39	4.24	463.49	189.26	139.19	76.10	781.53	40.4648	42.7083	33.6981	9.8917	23.4940	817.1756	5.5805

09:46:48	499.51	4.33	463.98	172.16	125.76	76.10	694.58	34.7296	36.6932	30.6449	9.9017	23.5093	818.2409	5.5890
09:46:49	499.39	4.40	463.49	155.07	108.67	76.10	746.95	30.2689	32.0201	28.0441	9.9105	23.5226	819.2384	5.5968
09:46:50	499.51	4.53	463.49	134.31	95.24	76.34	655.42	24.6931	26.1581	23.4077	9.9176	23.5335	820.0922	5.6033
09:46:51	499.39	4.62	463.49	122.10	89.13	76.10	736.78	22.4627	23.8226	20.9200	9.9242	23.5435	820.8708	5.6091
09:46:52	499.39	4.62	463.49	122.10	89.13	76.10	736.78	20.2324	21.4783	17.5275	9.9300	23.5524	821.5342	5.6140
09:46:53	499.51	4.72	463.98	109.89	84.25	76.10	712.37	17.5241	18.6360	14.2482	9.9351	23.5602	822.0899	5.6179
09:46:54	499.27	4.80	463.49	105.01	79.37	76.10	699.15	15.9310	16.9620	11.1950	9.9398	23.5673	822.5350	5.6210
09:46:55	499.51	4.88	576.80	107.45	81.81	76.34	710.34	15.9310	16.9620	11.1950	9.9444	23.5743	822.9802	5.6241
09:46:56	499.39	4.93	576.31	113.55	90.35	76.34	696.61	14.3379	15.2863	8.1418	9.9486	23.5807	823.3111	5.6264
09:46:57	499.51	4.99	576.80	117.22	92.80	76.58	687.46	13.7007	14.6220	5.8802	9.9526	23.5868	823.5541	5.6280
09:46:58	499.51	5.02	576.80	114.77	94.02	76.58	685.93	14.0193	14.9775	4.4102	9.9567	23.5946	823.7392	5.6293
09:46:59	499.39	5.06	576.80	113.55	90.35	76.58	689.49	14.8158	15.8391	2.9401	9.9610	23.6028	823.8639	5.6301
09:47:00	499.39	5.12	576.80	111.11	86.69	76.58	685.93	15.2938	16.3627	1.5831	9.9655	23.6113	823.9319	5.6305
09:47:01	499.39	5.13	576.31	108.23	84.25	76.34	685.93	14.9752	16.0276	0.6785	9.9699	23.6196	823.9612	5.6307
09:47:02	499.51	5.16	576.31	103.79	79.37	76.34	685.93	14.8158	15.8653	0.1131	9.9742	23.6278	823.9661	5.6307
09:47:03	499.51	5.19	576.31	103.79	76.92	76.34	687.46	14.4972	15.5369	0.1131	9.9785	23.6359	823.9711	5.6308
09:47:04	499.39	5.22	576.31	105.01	75.70	76.58	687.46	13.8600	14.8570	0.1131	9.9825	23.6436	823.9761	5.6308
09:47:05	499.51	5.25	688.64	118.44	76.92	76.34	686.44	13.5413	14.5200	0.1131	9.9865	23.6511	823.9811	5.6308
09:47:06	499.51	5.28	688.64	128.21	73.26	76.34	687.46	13.5413	14.5267	0.0000	9.9905	23.6586	823.9811	5.6308
09:47:07	499.39	5.31	688.16	126.98	72.04	76.34	687.46	13.7007	14.7037	0.1131	9.9945	23.6663	823.9862	5.6309
09:47:08	499.51	5.33	688.16	118.44	68.38	76.34	688.47	15.4531	16.5904	0.1131	9.9990	23.6765	823.9913	5.6309
09:47:09	499.39	5.33	688.64	109.89	65.93	76.34	686.95	16.7276	17.9652	0.1131	10.0039	23.6877	823.9964	5.6309
09:47:10	499.39	5.33	688.16	102.56	63.49	76.34	688.47	16.5683	17.8023	0.1131	10.0088	23.6987	824.0016	5.6310
09:47:11	499.51	5.31	688.64	106.23	68.38	76.58	688.47	15.4531	16.6075	0.1131	10.0133	23.7090	824.0068	5.6310
09:47:12	499.51	5.28	688.64	105.01	75.70	76.34	688.47	14.3379	15.4090	0.1131	10.0176	23.7185	824.0120	5.6310
09:47:13	499.39	5.24	688.64	101.34	78.14	76.58	689.49	13.3820	14.3818	0.1131	10.0215	23.7274	824.0171	5.6311
09:47:14	499.51	5.17	688.64	96.46	81.81	76.34	689.49	13.8600	14.8923	0.1131	10.0256	23.7366	824.0223	5.6311
09:47:15	499.39	5.12	544.57	91.58	85.47	76.34	689.49	13.7007	14.7151	0.1131	10.0296	23.7457	824.0274	5.6311
09:47:16	499.51	5.06	544.57	95.24	86.69	76.58	688.47	13.2227	14.1937	0.1131	10.0335	23.7545	824.0325	5.6311
09:47:17	499.39	4.97	544.57	102.56	87.91	76.58	684.92	12.5855	13.4979	0.1131	10.0372	23.7629	824.0376	5.6312
09:47:18	499.39	4.88	544.57	103.79	84.25	76.58	688.47	11.9483	12.8052	0.0000	10.0407	23.7692	824.0376	5.6312
09:47:19	499.51	4.78	544.57	100.12	75.70	76.58	688.47	12.4262	13.3071	0.1131	10.0443	23.7757	824.0425	5.6312
09:47:20	499.51	4.69	544.08	96.46	70.82	76.34	688.47	13.3820	14.3137	0.1131	10.0482	23.7827	824.0473	5.6312
09:47:21	499.39	4.56	544.08	91.58	65.93	76.34	686.95	13.5413	14.4677	0.0000	10.0522	23.7898	824.0473	5.6312
09:47:22	499.39	4.45	544.57	90.35	65.93	76.34	686.95	13.0634	13.9383	0.1131	10.0560	23.7966	824.0520	5.6313
09:47:23	499.39	4.37	544.57	91.58	68.38	76.34	691.02	12.5855	13.4117	0.0000	10.0596	23.8032	824.0520	5.6313
09:47:24	499.39	4.24	545.05	95.24	68.38	76.58	689.49	11.9483	12.7103	0.1131	10.0631	23.8094	824.0564	5.6313
09:47:25	499.39	4.16	399.51	101.34	67.16	76.58	691.53	11.7889	12.5233	0.1131	10.0665	23.8155	824.0607	5.6313
09:47:26	499.51	4.08	399.51	102.56	68.38	76.58	691.53	11.9483	12.6795	0.1131	10.0700	23.8217	824.0650	5.6314
09:47:27	499.51	3.94	399.51	102.56	67.16	76.34	690.00	12.4262	13.1628	0.1131	10.0736	23.8282	824.0691	5.6314
09:47:28	499.51	3.88	399.51	100.12	67.16	76.58	690.00	13.2227	13.9928	0.1131	10.0774	23.8332	824.0732	5.6314
09:47:29	499.39	3.80	399.51	96.46	68.38	76.58	692.54	13.3820	14.1452	0.1131	10.0813	23.8383	824.0771	5.6315
09:47:30	499.39	3.74	399.51	95.24	69.60	76.58	691.02	13.3820	14.1196	0.1131	10.0852	23.8434	824.0810	5.6315
09:47:31	499.51	3.65	399.51	95.24	68.38	76.58	692.03	13.0634	13.7720	0.1131	10.0889	23.8483	824.0847	5.6315
09:47:32	499.39	3.60	399.51	96.46	67.16	76.34	693.56	12.5855	13.2537	0.1131	10.0926	23.8531	824.0884	5.6316
09:47:33	499.39	3.56	399.51	97.68	65.93	76.34	690.51	12.4262	13.0758	0.1131	10.0961	23.8578	824.0921	5.6316
09:47:34	499.39	3.51	399.51	98.90	64.71	76.58	689.49	12.4262	13.0602	0.1131	10.0997	23.8625	824.0956	5.6316
09:47:35	499.39	3.44	372.16	97.68	64.71	76.34	690.51	12.5855	13.2187	0.0000	10.1033	23.8672	824.0956	5.6316
09:47:36	499.39	3.41	371.67	96.46	61.05	76.34	691.53	12.7448	13.3798	0.1131	10.1070	23.8720	824.0991	5.6316
09:47:37	499.51	3.34	372.16	94.02	62.27	76.34	691.53	12.9041	13.5379	0.1131	10.1107	23.8769	824.1025	5.6317
09:47:38	499.39	3.32	372.16	96.46	62.27	76.34	691.53	12.7448	13.3576	0.1131	10.1143	23.8813	824.1058	5.6317
09:47:39	497.92	3.26	371.67	100.12	65.93	76.34	693.05	12.5855	13.1858	0.1131	10.1179	23.8858	824.1092	5.6317
09:47:40	497.92	3.24	371.67	102.56	69.60	76.58	693.05	12.2669	12.8406	0.1131	10.1214	23.8901	824.1124	5.6318
09:47:41	497.92	3.21	371.67	105.01	69.60	76.34	692.03	12.5855	13.1701	0.1131	10.1250	23.8945	824.1156	5.6318
09:47:42	497.92	3.18	371.67	103.79	70.82	76.58	692.03	13.0634	13.6595	0.1131	10.1288	23.8990	824.1188	5.6318
09:47:43	497.92	3.14	371.67	98.90	70.82	76.58	692.03	13.3820	13.9890	0.1131	10.1326	23.9037	824.1220	5.6319
09:47:44	497.92	3.12	372.16	94.02	70.82	76.34	693.56	13.7007	14.3169	0.0000	10.1365	23.9085	824.1220	5.6319
09:47:45	497.92	3.10	343.83	91.58	67.16	76.58	696.10	13.5413	14.1438	0.0000	10.1403	23.9132	824.1220	5.6319
09:47:46	497.92	3.09	343.83	95.24	65.93	76.58	697.63	12.9041	13.4719	0.1131	10.1440	23.9177	824.1250	5.6319
09:47:47	497.92	3.06	343.83	95.24	65.93	76.58	697.63	12.2669	12.8033	0.1131	10.1475	23.9220	824.1281	5.6319
09:47:48	498.05	3.07	343.83	95.24	64.71	76.34	698.64	11.9483	12.4675	0.1131	10.1509	23.9259	824.1311	5.6320
09:47:49	394.87	3.03	344.32	91.58	59.83	76.34	698.64	12.4262	12.9635	0.1131	10.1544	23.9299	824.1341	5.6320
09:47:50	394.75	3.03	343.83	94.02	62.27	76.34	699.66	12.4262	12.9588	0.1131	10.1580	23.9339	824.1371	5.6320
09:47:51	394.87	3.01	343.83	97.68	64.71	76.34	693.05	12.4262	12.9608	0.0000	10.1615	23.9379	824.1371	5.6320
09:47:52	394.87	3.01	343.83	97.68	68.38	76.34	685.93	11.9483	12.4535	0.1131	10.1642	23.9417	824.1400	5.6321
09:47:53	394.75	3.01	343.83	96.46	73.26	76.34	684.41	12.2669	12.7856	0.1131	10.1670	23.9457	824.1430	5.6321
09:47:54	394.75	2.98	343.35	92.80	75.70	76.34	684.41	12.7448	13.2789	0.1131	10.1698	23.9498	824.1459	5.6321

09:47:55	394.75	2.98	336.02	90.35	72.04	76.34	687.46	12.7448	13.2789	0.1131	10.1727	23.9539	824.1488	5.6321
09:47:56	394.63	2.97	336.02	87.91	69.60	76.34	683.90	12.5855	13.1129	0.1131	10.1755	23.9580	824.1517	5.6322
09:47:57	394.87	2.97	336.02	85.47	64.71	76.10	685.42	12.1076	12.6103	0.1131	10.1783	23.9619	824.1546	5.6322
09:47:58	290.84	2.97	336.02	83.03	67.16	76.34	687.97	11.7889	12.2785	0.1131	10.1809	23.9656	824.1575	5.6322
09:47:59	290.84	2.96	336.02	85.47	68.38	76.10	686.95	11.4703	11.9447	0.1131	10.1835	23.9692	824.1604	5.6323
09:48:00	290.72	2.96	336.51	89.13	69.60	76.34	685.42	11.1517	11.6130	0.1131	10.1860	23.9727	824.1633	5.6323
09:48:01	290.72	2.96	336.51	89.13	69.60	76.10	685.42	10.8331	11.2790	0.1131	10.1878	23.9761	824.1662	5.6323
09:48:02	290.84	2.93	336.02	103.79	75.70	76.10	688.98	11.1517	11.6089	0.1131	10.1896	23.9796	824.1691	5.6324
09:48:03	290.84	2.93	336.02	107.45	75.70	76.34	688.98	11.6296	12.1064	0.1131	10.1916	23.9833	824.1719	5.6324
09:48:04	290.84	2.91	328.21	108.67	73.26	76.34	688.98	11.6296	12.1064	0.1131	10.1935	23.9869	824.1748	5.6324
09:48:05	290.72	2.91	327.72	119.66	74.48	76.34	687.46	13.5413	14.0921	0.1131	10.1957	23.9912	824.1777	5.6325
09:48:06	290.72	2.91	327.72	136.75	76.92	76.34	687.46	14.0193	14.5895	0.1131	10.1981	23.9956	824.1805	5.6325
09:48:07	290.72	2.91	327.72	139.19	78.14	76.58	812.54	14.1786	14.7515	0.1131	10.2004	24.0000	824.1833	5.6325
09:48:08	290.72	2.91	328.21	136.75	85.47	76.58	1010.85	15.6124	16.2432	0.1131	10.2030	24.0047	824.1862	5.6326
09:48:09	201.83	2.91	327.72	148.96	92.80	76.34	1054.07	17.8427	18.5636	0.1131	10.2060	24.0102	824.1890	5.6326
09:48:10	201.83	2.91	327.72	166.06	108.67	76.34	849.15	18.1614	18.8951	2.1485	10.2090	24.0158	824.2428	5.6332
09:48:11	201.83	2.91	328.21	156.29	103.79	76.58	727.63	17.8427	18.5636	4.1840	10.2119	24.0213	824.3477	5.6343
09:48:12	201.83	2.91	327.72	124.54	89.13	76.34	717.46	19.4358	20.2178	5.9933	10.2142	24.0272	824.4979	5.6360
09:48:13	201.83	2.89	328.21	114.77	84.25	76.58	698.64	21.6662	22.5379	5.9933	10.2166	24.0339	824.6480	5.6377
09:48:14	201.95	2.90	322.34	107.45	75.70	76.58	684.92	20.3917	21.2121	5.6540	10.2190	24.0401	824.7897	5.6392
09:48:15	201.83	2.89	321.86	102.56	70.82	76.58	684.92	16.2496	16.9034	5.2017	10.2209	24.0451	824.9200	5.6407
09:48:16	201.83	2.89	322.34	98.90	68.38	76.34	683.90	14.9752	15.5720	3.6186	10.2226	24.0497	825.0098	5.6417
09:48:17	201.83	2.89	321.86	97.68	72.04	76.34	683.90	14.0193	14.5811	1.4701	10.2242	24.0539	825.0465	5.6421
09:48:18	149.94	2.89	322.34	100.12	73.26	76.58	687.46	13.3820	13.9154	0.6785	10.2257	24.0580	825.0634	5.6423
09:48:19	149.82	2.89	321.86	103.79	74.48	76.34	686.44	12.9041	13.4184	0.1131	10.2272	24.0618	825.0662	5.6423
09:48:20	149.82	2.89	322.34	102.56	73.26	76.34	686.44	12.7448	13.2527	0.1131	10.2287	24.0657	825.0690	5.6424
09:48:21	149.82	2.89	322.34	98.90	70.82	76.34	688.98	13.0634	13.5828	0.1131	10.2298	24.0696	825.0718	5.6424
09:48:22	149.94	2.89	321.86	95.24	67.16	76.34	688.95	13.5413	14.0797	0.1131	10.2309	24.0737	825.0746	5.6424
09:48:23	149.82	2.89	321.86	94.02	65.93	76.58	685.42	13.3820	13.9140	0.1131	10.2321	24.0777	825.0774	5.6425
09:48:24	149.94	2.89	321.86	96.46	69.60	76.34	687.97	12.9041	13.4171	0.1131	10.2332	24.0816	825.0802	5.6425
09:48:25	149.82	2.87	317.95	98.90	69.60	76.58	686.44	12.4262	12.9202	0.0000	10.2342	24.0854	825.0802	5.6425
09:48:26	149.82	2.86	317.46	96.46	69.60	76.34	686.44	12.2669	12.7545	0.1131	10.2353	24.0890	825.0830	5.6425
09:48:27	149.94	2.86	317.95	92.80	70.82	76.34	684.92	12.5855	13.0858	0.1131	10.2364	24.0928	825.0858	5.6425
09:48:28	120.02	2.86	317.95	91.58	75.70	76.58	684.92	12.9041	13.4150	0.1131	10.2375	24.0967	825.0886	5.6426
09:48:29	120.02	2.86	317.95	92.80	79.37	76.58	684.92	12.5855	13.0811	0.1131	10.2385	24.1004	825.0914	5.6426
09:48:30	120.02	2.86	318.44	95.24	81.81	76.58	687.97	12.1076	12.5843	0.1131	10.2396	24.1040	825.0942	5.6426
09:48:31	120.02	2.86	317.95	92.80	80.59	76.34	685.93	11.9483	12.4181	0.1131	10.2404	24.1076	825.0970	5.6427
09:48:32	120.02	2.86	318.44	91.58	78.14	76.58	685.93	12.1076	12.5836	0.1131	10.2412	24.1112	825.0997	5.6427
09:48:33	119.90	2.87	318.44	90.35	75.70	76.34	685.93	12.4262	12.9148	0.1131	10.2421	24.1149	825.1025	5.6427
09:48:34	120.02	2.89	317.95	91.58	73.26	76.34	686.95	12.1076	12.5836	0.1131	10.2429	24.1184	825.1053	5.6428
09:48:35	120.02	2.91	321.86	91.58	73.26	76.58	690.00	11.9483	12.4181	0.1131	10.2437	24.1220	825.1081	5.6428
09:48:36	120.02	2.93	321.86	91.58	72.04	76.58	721.02	11.7889	12.2550	0.0000	10.2445	24.1255	825.1081	5.6428
09:48:37	120.02	2.93	321.86	91.58	68.38	76.34	685.42	11.9483	12.4239	0.1131	10.2453	24.1291	825.1109	5.6428
09:48:38	111.11	2.95	321.86	91.58	68.38	76.34	685.42	11.9483	12.4265	0.1131	10.2461	24.1327	825.1137	5.6429
09:48:39	111.11	2.95	321.86	95.24	65.93	76.58	684.41	11.9483	12.4297	2.7139	10.2470	24.1363	825.1821	5.6436
09:48:40	111.11	2.95	322.34	100.12	68.38	76.34	683.39	11.9483	12.4297	1.2439	10.2478	24.1399	825.2134	5.6440
09:48:41	111.23	2.95	322.34	98.90	65.93	76.34	683.39	11.9483	12.4327	0.1131	10.2485	24.1435	825.2163	5.6440
09:48:42	111.11	2.95	322.34	96.46	64.71	76.34	687.46	12.4262	12.9300	0.1131	10.2493	24.1472	825.2192	5.6440
09:48:43	111.11	2.96	322.34	94.02	64.71	76.34	683.90	13.0634	13.5931	0.1131	10.2502	24.1511	825.2220	5.6441
09:48:44	111.11	2.96	321.86	95.24	67.16	76.34	682.88	12.9041	13.4273	0.1131	10.2510	24.1550	825.2249	5.6441
09:48:45	111.11	2.96	324.30	92.80	70.82	76.10	681.86	12.5855	13.0958	0.1131	10.2518	24.1588	825.2278	5.6441
09:48:46	111.11	2.96	324.30	90.35	74.48	76.10	681.86	12.2669	12.7663	0.1131	10.2525	24.1625	825.2306	5.6441
09:48:47	111.11	2.96	324.30	90.35	78.14	76.34	681.86	12.4262	12.9321	0.1131	10.2533	24.1663	825.2335	5.6442
09:48:48	107.69	2.95	324.30	94.02	75.70	76.34	683.90	12.1076	12.6005	0.1131	10.2541	24.1700	825.2364	5.6442
09:48:49	107.69	2.95	324.30	96.46	75.70	76.34	685.42	11.7889	12.2689	0.1131	10.2548	24.1735	825.2393	5.6442
09:48:50	107.69	2.95	324.79	97.68	75.70	76.34	682.37	11.7889	12.2689	0.1131	10.2556	24.1771	825.2422	5.6443
09:48:51	107.69	2.93	324.30	95.24	75.70	76.10	685.42	12.2669	12.7642	0.1131	10.2563	24.1808	825.2450	5.6443
09:48:52	107.69	2.93	324.30	92.80	74.48	76.34	684.41	12.5855	13.0957	0.0000	10.2571	24.1846	825.2450	5.6443
09:48:53	107.69	2.93	324.30	92.80	75.70	76.34	684.41	12.7448	13.2615	0.0000	10.2579	24.1885	825.2450	5.6443
09:48:54	107.69	2.92	324.30	94.02	78.14	76.34	683.39	12.4262	12.9266	0.1131	10.2587	24.1923	825.2479	5.6443
09:48:55	107.69	2.91	317.95	94.02	76.92	76.34	684.92	12.1076	12.5951	0.0000	10.2594	24.1960	825.2479	5.6443
09:48:56	107.69	2.91	317.95	94.02	69.60	76.10	684.92	12.1076	12.5951	0.1131	10.2601	24.1996	825.2507	5.6444
09:48:57	107.69	2.91	318.44	92.80	65.93	76.10	682.37	12.2669	12.7589	0.1131	10.2609	24.2034	825.2536	5.6444
09:48:58	102.08	2.89	317.95	90.35	63.49	76.34	684.92	12.2669	12.7569	0.0000	10.2616	24.2070	825.2536	5.6444

12-MAY-93 06:24 LACMTA Emissions Testing Facility

Test : UMTA CENTRAL BUSINESS DISTRICT PHASE
Test number : 1069
Test options: Dilute Modal Bag Diesel Auxiliary data Second by Second Data Particulate sampling Smoke meter

TEST TIME (s)	--DILUTE CONCENTRATIONS-- HC (PPM)	CO (PPM)	NOx (PPM)	CO2 (%)	--------MODAL GRAMS-------- HC	CO	NOx	CO2	EXH VOL (Cu.f)	DIL. RATIO	A/F RATIO	DRIV. VIOL. (s)	DIST-ANCE (Mi)	SPEED	FUEL Mpg-US Gal/Hr	SMOKE MTR (%)	----AUXILIARY SIGNALS---- OIL			
0 DL	-1.3	4.3	1.9	0.00	-0.001	0.007	0.01	0.05	48.37	305.37	345.57	0.0	0.000	0.0	0.02	-0.02	67.1	0.0	0.0	0.0
1 DL	-0.1	8.8	4.3	0.01	0.000	0.014	0.01	0.21	48.37	265.06	97.58	0.0	0.000	0.0	0.08	5.89	66.7	0.0	0.0	0.0
2 DL	1.1	10.9	7.2	0.03	0.001	0.017	0.02	0.68	48.37	193.44	43.83	0.0	0.000	0.0	0.25	15.93	66.5	0.0	0.0	0.0
3 DL	1.8	11.2	8.9	0.05	0.001	0.018	0.02	1.28	48.36	143.49	31.89	0.0	0.000	0.0	0.46	11.48	66.4	0.0	0.0	0.0
4 DL	1.9	10.8	9.8	0.07	0.002	0.017	0.03	1.85	48.37	115.37	27.64	0.0	0.000	0.0	0.67	8.21	66.3	0.0	0.0	0.0
5 DL	1.9	10.2	10.9	0.09	0.001	0.016	0.03	2.33	48.36	99.07	25.65	0.0	0.000	0.0	0.83	6.99	66.2	0.0	0.0	0.0
6 DL	1.7	9.7	11.1	0.11	0.001	0.015	0.03	2.72	48.36	88.81	24.54	0.0	0.000	0.0	0.97	6.46	66.1	0.0	0.0	0.0
7 DL	1.5	9.2	11.4	0.12	0.001	0.015	0.03	3.04	48.36	81.97	23.85	0.0	0.000	0.0	1.08	6.34	66.1	0.0	0.0	0.0
8 DL	1.4	8.8	11.5	0.13	0.001	0.014	0.03	3.26	48.36	77.74	23.44	0.0	0.000	0.0	1.16	6.39	66.0	0.0	0.0	0.0
9 DL	1.2	8.5	11.2	0.14	0.001	0.014	0.03	3.43	48.36	74.85	23.16	0.0	0.000	0.0	1.22	6.52	66.0	0.0	0.0	0.0
10 DL	1.1	8.2	11.2	0.14	0.001	0.013	0.03	3.53	48.37	73.29	23.02	0.0	0.000	0.0	1.26	6.57	66.0	0.0	0.0	0.0
11 DL	1.0	8.5	11.2	0.14	0.001	0.013	0.03	3.57	48.37	72.59	22.96	0.0	0.000	0.0	1.27	6.77	65.9	0.0	0.0	0.0
12 DL	1.0	9.6	11.8	0.14	0.001	0.015	0.03	3.63	48.36	71.58	22.86	0.0	0.000	0.0	1.29	8.09	65.9	0.0	0.0	0.0
13 DL	1.1	11.2	12.8	0.15	0.001	0.018	0.03	3.77	48.37	69.53	22.68	0.0	0.000	0.0	1.34	13.50	65.9	0.0	0.0	0.0
14 DL	1.1	12.7	13.7	0.16	0.001	0.020	0.04	3.97	48.36	66.76	22.43	0.0	0.000	0.0	1.41	16.09	65.9	0.0	0.0	0.0
15 DL	1.2	13.7	14.0	0.17	0.001	0.022	0.04	4.16	48.36	64.19	22.21	0.0	0.000	0.0	1.49	16.74	65.9	0.0	0.0	0.0
16 DL	1.2	14.4	14.2	0.17	0.001	0.023	0.04	4.34	48.37	62.15	22.03	0.0	0.000	0.0	1.55	16.05	65.9	0.0	0.0	0.0
17 DL	1.2	14.8	14.3	0.18	0.001	0.024	0.04	4.47	48.36	60.68	21.91	0.0	0.000	0.0	1.59	15.19	65.9	0.0	0.0	0.0
18 DL	1.2	15.2	14.5	0.18	0.001	0.024	0.04	4.57	48.37	59.60	21.82	0.0	0.000	0.0	1.63	14.26	66.0	0.0	0.0	0.0
19 DL	1.2	15.7	14.9	0.19	0.001	0.025	0.04	4.65	48.37	58.74	21.75	0.0	0.000	0.0	1.66	13.91	66.0	0.0	0.0	0.0
20 DL	1.2	17.0	16.4	0.19	0.001	0.027	0.04	4.78	48.36	57.38	21.64	0.0	0.000	0.4	0.21	13.91	66.0	0.0	0.0	0.0
21 DL	1.3	20.3	18.3	0.20	0.001	0.032	0.05	5.03	48.36	54.95	21.44	0.0	0.000	1.8	0.98	13.91	66.1	0.0	0.0	0.0
22 DL	1.5	25.3	21.1	0.22	0.001	0.040	0.06	5.43	48.36	51.51	21.16	0.0	0.001	2.5	1.28	15.23	66.1	0.0	0.0	0.0
23 DL	1.8	29.9	23.9	0.24	0.001	0.048	0.06	5.95	48.37	47.63	20.86	0.0	0.001	3.0	1.41	18.81	66.1	0.0	0.0	0.0
24 DL	2.1	33.0	25.9	0.26	0.002	0.053	0.07	6.51	48.36	44.10	20.60	0.0	0.001	3.4	1.45	17.65	66.2	0.0	0.0	0.0
25 DL	2.2	34.7	26.5	0.28	0.002	0.055	0.07	7.02	48.36	41.31	20.40	0.0	0.001	3.8	1.51	16.03	66.2	0.0	0.0	0.0
26 DL	2.3	35.6	27.4	0.30	0.002	0.057	0.07	7.43	48.37	39.31	20.25	2.1	0.001	4.3	1.61	14.46	66.3	0.0	0.0	0.0
27 DL	2.4	36.1	28.0	0.31	0.002	0.058	0.07	7.79	48.36	37.70	20.14	1.0	0.001	4.8	1.70	13.59	66.3	0.0	0.0	0.0
28 DL	2.5	36.2	28.7	0.33	0.002	0.058	0.08	8.15	48.36	36.27	20.04	1.0	0.001	5.3	1.81	14.00	66.3	0.0	0.0	0.0
29 DL	2.6	36.1	29.8	0.34	0.002	0.058	0.08	8.47	48.36	35.04	19.95	1.0	0.002	5.8	1.91	15.37	66.4	0.0	0.0	0.0
30 DL	2.7	36.0	30.4	0.35	0.002	0.057	0.08	8.83	48.36	33.79	19.87	1.0	0.002	6.2	1.97	17.50	66.4	0.0	0.0	0.0
31 DL	2.8	36.7	31.7	0.37	0.002	0.058	0.08	9.16	48.35	32.68	19.79	1.0	0.002	6.7	2.03	18.65	66.5	0.0	0.0	0.0
32 DL	2.9	38.8	33.4	0.38	0.002	0.062	0.09	9.57	48.36	31.42	19.71	1.0	0.002	7.1	2.06	18.74	66.6	0.0	0.0	0.0
33 DL	3.2	42.7	35.4	0.40	0.003	0.068	0.09	10.12	48.36	29.87	19.60	1.0	0.002	7.5	2.07	16.96	66.7	0.0	0.0	0.0
34 DL	3.6	49.1	37.9	0.43	0.003	0.078	0.10	10.79	48.36	28.17	19.49	1.0	0.002	8.0	2.08	14.50	66.7	0.0	0.0	0.0
35 DL	4.2	57.4	41.6	0.47	0.003	0.092	0.11	11.66	48.35	26.21	19.36	1.0	0.002	8.7	2.07	13.46	66.8	0.0	0.0	0.0
36 DL	4.8	66.6	46.2	0.51	0.004	0.106	0.12	12.75	48.35	24.11	19.22	1.0	0.003	9.4	2.06	14.17	66.9	0.0	0.0	0.0
37 DL	5.6	78.3	51.5	0.56	0.004	0.125	0.13	14.06	48.35	22.01	19.09	1.0	0.003	10.3	2.04	14.91	67.0	0.0	0.0	0.0
38 DL	6.8	96.6	59.9	0.63	0.005	0.154	0.16	15.79	48.35	19.72	18.94	1.0	0.003	11.4	2.00	16.78	67.1	0.0	0.0	0.0
39 DL	8.3	125.5	78.5	0.72	0.007	0.200	0.21	18.03	48.35	17.38	18.79	1.0	0.004	13.6	2.07	21.24	67.2	0.0	0.0	0.0
40 DL	9.7	149.7	107.5	0.84	0.008	0.239	0.28	21.07	48.36	14.99	18.65	0.6	0.004	15.8	2.07	24.94	67.3	0.0	0.0	0.0
41 DL	10.7	150.2	130.3	0.99	0.008	0.239	0.34	24.78	48.35	12.86	18.52	0.0	0.005	18.2	2.03	27.69	67.5	0.0	0.0	0.0
42 DL	10.9	128.7	122.0	1.11	0.009	0.205	0.32	27.72	48.33	11.56	18.45	0.0	0.006	20.0	2.01	25.05	67.6	0.0	0.0	0.0
43 DL	10.1	101.7	89.1	1.12	0.008	0.162	0.23	28.12	48.30	11.43	18.44	0.0	0.006	21.1	2.10	15.80	67.7	0.0	0.0	0.0
44 DL	8.8	78.6	60.7	1.03	0.007	0.125	0.16	25.68	48.28	12.50	18.51	0.0	0.006	21.1	2.31	8.23	67.9	0.0	0.0	0.0
45 DL	7.4	60.2	41.7	0.88	0.006	0.096	0.11	22.02	48.30	14.51	18.63	0.0	0.006	20.4	2.61	4.61	68.1	0.0	0.0	0.0

46 DL	6.2	47.1	29.9	0.73	0.005	0.075	0.08	18.31	48.30	17.31	18.80	0.0	0.006	20.2	3.11	2.75	68.2	0.0	0.0	0.0
47 DL	5.3	38.0	24.9	0.61	0.004	0.061	0.07	15.31	48.30	20.47	19.00	0.0	0.006	20.0	3.67	2.20	68.4	0.0	0.0	0.0
48 DL	4.7	31.1	22.9	0.53	0.004	0.049	0.06	13.20	48.30	23.50	19.19	0.0	0.005	19.8	4.21	2.43	68.6	0.0	0.0	0.0
49 DL	4.1	26.2	20.5	0.46	0.003	0.042	0.05	11.52	48.31	26.65	19.39	0.0	0.005	18.4	4.53	2.92	68.8	0.0	0.0	0.0
50 DL	3.7	22.6	18.0	0.41	0.003	0.036	0.05	10.15	48.30	29.90	19.61	0.0	0.004	14.1	3.94	3.23	68.9	0.0	0.0	0.0
51 DL	3.6	19.6	13.5	0.36	0.003	0.031	0.04	8.97	48.30	33.46	19.85	0.0	0.003	10.1	3.21	3.04	69.1	0.0	0.0	0.0
52 DL	3.5	17.1	11.6	0.31	0.003	0.027	0.03	7.72	48.32	38.24	20.18	0.0	0.002	6.7	2.50	2.04	69.2	0.0	0.0	0.0
53 DL	3.2	15.1	11.6	0.27	0.003	0.024	0.03	6.73	48.31	43.04	20.53	0.0	0.001	3.4	1.50	2.99	69.3	0.0	0.0	0.0
54 DL	2.9	13.4	12.1	0.24	0.002	0.021	0.03	6.10	48.31	46.86	20.81	0.0	0.000	1.1	0.53	3.08	69.5	0.0	0.0	0.0
55 DL	2.7	12.6	13.4	0.23	0.002	0.020	0.04	5.65	48.32	50.02	21.06	0.0	0.000	0.1	0.08	4.39	69.7	0.0	0.0	0.0
56 DL	2.4	12.2	14.5	0.22	0.002	0.019	0.04	5.39	48.31	51.97	21.21	0.0	0.000	0.0	0.01	5.32	69.8	0.0	0.0	0.0
57 DL	2.2	12.0	15.3	0.21	0.002	0.019	0.04	5.27	48.32	52.97	21.29	0.0	0.000	0.0	1.88	6.11	69.8	0.0	0.0	0.0
58 DL	2.0	12.1	15.7	0.21	0.002	0.019	0.04	5.18	48.32	53.72	21.35	0.0	0.000	0.0	1.85	7.11	69.9	0.0	0.0	0.0
59 DL	1.8	12.5	16.2	0.21	0.001	0.020	0.04	5.13	48.32	54.15	21.38	0.0	0.000	0.0	1.83	7.74	70.0	0.0	0.0	0.0
60 DL	1.8	14.2	18.9	0.21	0.001	0.023	0.05	5.21	48.33	53.47	21.32	0.0	0.000	0.7	0.32	7.83	70.1	0.0	0.0	0.0
61 DL	1.8	18.1	23.0	0.22	0.001	0.029	0.06	5.48	48.33	51.19	21.14	0.0	0.001	2.8	1.44	8.29	70.1	0.0	0.0	0.0
62 DL	1.9	23.0	28.4	0.24	0.002	0.037	0.07	6.00	48.32	47.36	20.85	0.0	0.001	3.5	1.62	11.01	70.2	0.0	0.0	0.0
63 DL	2.1	27.8	32.5	0.27	0.002	0.044	0.09	6.75	48.33	42.83	20.51	0.0	0.001	4.4	1.80	12.03	70.3	0.0	0.0	0.0
64 DL	2.2	32.2	34.9	0.30	0.002	0.051	0.09	7.56	48.33	38.74	20.21	0.0	0.001	5.2	1.91	12.72	70.4	0.0	0.0	0.0
65 DL	2.4	37.0	37.5	0.33	0.002	0.059	0.10	8.36	48.33	35.45	19.98	0.0	0.002	6.1	2.03	14.51	70.5	0.0	0.0	0.0
66 DL	2.7	43.4	40.8	0.37	0.002	0.069	0.11	9.18	48.33	32.56	19.78	0.0	0.002	7.0	2.12	17.51	70.7	0.0	0.0	0.0
67 DL	3.0	52.1	44.1	0.41	0.002	0.083	0.12	10.17	48.34	29.67	19.59	0.0	0.002	7.9	2.14	16.85	70.8	0.0	0.0	0.0
68 DL	3.5	63.1	48.6	0.45	0.003	0.101	0.13	11.31	48.34	26.92	19.40	2.2	0.002	8.7	2.15	14.17	71.0	0.0	0.0	0.0
69 DL	4.1	76.9	54.0	0.50	0.003	0.122	0.14	12.65	48.34	24.26	19.23	1.0	0.003	9.7	2.13	13.47	71.3	0.0	0.0	0.0
70 DL	4.9	95.3	61.9	0.57	0.004	0.152	0.16	14.39	48.34	21.49	19.05	1.0	0.003	10.9	2.09	13.84	71.5	0.0	0.0	0.0
71 DL	6.1	119.6	80.3	0.67	0.005	0.191	0.21	16.69	48.34	18.68	18.87	1.0	0.003	12.6	2.08	16.61	71.7	0.0	0.0	0.0
72 DL	7.4	141.8	113.9	0.79	0.006	0.226	0.30	19.66	48.33	16.01	18.71	0.9	0.004	15.4	2.16	19.34	71.9	0.0	0.0	0.0
73 DL	8.6	145.2	145.5	0.94	0.007	0.231	0.38	23.54	48.33	13.52	18.56	0.0	0.005	17.7	2.08	20.30	72.2	0.0	0.0	0.0
74 DL	9.3	126.8	142.9	1.09	0.007	0.202	0.37	27.18	48.32	11.79	18.46	0.0	0.006	20.0	2.04	21.19	72.5	0.0	0.0	0.0
75 DL	8.9	99.4	95.8	1.13	0.007	0.158	0.25	28.16	48.29	11.41	18.44	0.0	0.006	21.0	2.09	16.00	72.7	0.0	0.0	0.0
76 DL	7.9	75.3	53.1	1.01	0.006	0.120	0.14	25.37	48.27	12.66	18.52	0.0	0.006	20.2	2.24	8.25	72.9	0.0	0.0	0.0
77 DL	6.8	59.1	34.4	0.84	0.005	0.094	0.09	20.89	48.27	15.26	18.67	0.0	0.006	20.4	2.74	4.84	73.1	0.0	0.0	0.0
78 DL	6.0	47.9	31.9	0.69	0.005	0.076	0.08	17.27	48.29	18.27	18.86	0.0	0.006	20.3	3.31	3.90	73.4	0.0	0.0	0.0
79 DL	5.2	38.9	30.7	0.59	0.004	0.062	0.08	14.85	48.29	21.04	19.03	0.0	0.006	20.0	3.79	4.31	73.5	0.0	0.0	0.0
80 DL	4.7	32.4	27.6	0.52	0.004	0.052	0.07	13.00	48.30	23.82	19.21	0.0	0.006	19.9	4.31	3.66	73.8	0.0	0.0	0.0
81 DL	4.3	27.6	26.1	0.46	0.003	0.044	0.07	11.62	48.30	26.41	19.38	0.0	0.006	19.8	4.79	3.09	74.0	0.0	0.0	0.0
82 DL	4.0	23.9	25.8	0.43	0.003	0.038	0.07	10.64	48.31	28.64	19.53	0.0	0.005	19.7	5.21	3.13	74.2	0.0	0.0	0.0
83 DL	3.7	21.6	26.6	0.39	0.003	0.034	0.07	9.88	48.31	30.64	19.66	0.0	0.005	19.7	5.59	3.55	74.4	0.0	0.0	0.0
84 DL	3.6	20.4	27.3	0.37	0.003	0.033	0.07	9.34	48.31	32.21	19.77	0.0	0.005	19.6	5.89	3.94	74.5	0.0	0.0	0.0
85 DL	3.4	19.6	28.2	0.36	0.003	0.031	0.07	9.04	48.31	33.17	19.83	0.0	0.005	19.6	6.09	4.24	74.7	0.0	0.0	0.0
86 DL	3.3	19.3	29.0	0.35	0.003	0.031	0.08	8.83	48.32	33.88	19.88	0.0	0.005	19.5	6.22	4.52	74.9	0.0	0.0	0.0
87 DL	3.2	19.3	29.8	0.35	0.003	0.031	0.08	8.69	48.32	34.38	19.92	0.0	0.005	19.6	6.34	5.05	75.1	0.0	0.0	0.0
88 DL	3.1	19.0	29.6	0.34	0.002	0.030	0.08	8.63	48.32	34.58	19.93	0.0	0.005	19.6	6.38	5.37	75.3	0.0	0.0	0.0
89 DL	3.0	18.0	26.9	0.34	0.002	0.029	0.07	8.49	48.33	35.12	19.97	0.0	0.005	19.2	6.38	5.51	75.5	0.0	0.0	0.0
90 DL	2.8	16.7	22.7	0.32	0.002	0.027	0.06	8.10	48.33	36.63	20.07	0.0	0.004	14.9	5.26	5.36	75.7	0.0	0.0	0.0
91 DL	2.8	14.9	16.8	0.30	0.002	0.024	0.04	7.51	48.33	39.17	20.25	0.0	0.003	10.7	4.08	4.52	75.9	0.0	0.0	0.0
92 DL	2.9	13.0	13.3	0.27	0.002	0.021	0.03	6.67	48.35	43.47	20.56	0.0	0.002	7.3	3.16	2.50	76.2	0.0	0.0	0.0
93 DL	2.8	11.3	12.5	0.23	0.002	0.018	0.03	5.84	48.34	48.66	20.95	0.0	0.001	4.2	2.11	2.96	76.3	0.0	0.0	0.0
94 DL	2.6	10.1	12.9	0.21	0.002	0.016	0.03	5.27	48.34	53.07	21.29	0.0	0.000	1.7	0.94	2.73	76.5	0.0	0.0	0.0
95 DL	2.4	9.3	13.8	0.20	0.002	0.015	0.04	4.95	48.34	55.92	21.52	0.0	0.000	0.4	0.26	3.47	76.7	0.0	0.0	0.0
96 DL	2.2	8.7	14.8	0.19	0.002	0.014	0.04	4.74	48.34	57.88	21.68	0.0	0.000	0.0	0.02	3.87	76.8	0.0	0.0	0.0
97 DL	2.1	8.5	15.2	0.18	0.002	0.014	0.04	4.63	48.35	59.02	21.78	0.0	0.000	0.0	1.65	4.42	76.9	0.0	0.0	0.0
98 DL	1.9	8.4	15.9	0.18	0.002	0.013	0.04	4.60	48.36	59.39	21.81	0.0	0.000	0.0	1.64	4.94	77.0	0.0	0.0	0.0
99 DL	1.9	8.9	17.1	0.18	0.001	0.014	0.04	4.60	48.35	59.34	21.80	0.0	0.000	0.0	1.64	5.20	77.0	0.0	0.0	0.0
100 DL	1.9	11.6	20.1	0.19	0.001	0.019	0.05	4.73	48.36	58.02	21.69	0.0	0.000	1.4	0.68	5.38	77.1	0.0	0.0	0.0
101 DL	2.0	17.5	26.0	0.20	0.002	0.028	0.07	5.12	48.36	54.26	21.38	0.0	0.001	3.3	1.76	6.12	77.2	0.0	0.0	0.0
102 DL	2.2	24.3	32.4	0.23	0.002	0.039	0.08	5.89	48.37	48.21	20.91	0.0	0.001	4.2	1.99	10.30	77.4	0.0	0.0	0.0
103 DL	2.5	31.0	36.6	0.28	0.002	0.049	0.10	6.91	48.35	41.93	20.44	0.0	0.001	5.2	2.10	11.65	77.7	0.0	0.0	0.0
104 DL	2.8	39.9	41.2	0.32	0.002	0.064	0.11	7.99	48.37	36.89	20.08	0.0	0.002	6.4	2.20	13.52	78.0	0.0	0.0	0.0

105 DL	3.2	52.7	46.0	0.37	0.003	0.084	0.12	9.18	48.37	32.55	19.78	0.0	0.002	7.5	2.26	16.44	78.2	0.0	0.0	0.0
106 DL	3.8	68.6	51.7	0.43	0.003	0.109	0.14	10.66	48.37	28.38	19.49	0.0	0.002	8.7	2.25	15.04	78.5	0.0	0.0	0.0
107 DL	4.7	88.3	60.3	0.50	0.004	0.141	0.16	12.42	48.37	24.63	19.25	0.0	0.003	9.9	2.21	13.99	78.8	0.0	0.0	0.0
108 DL	5.9	111.3	77.8	0.58	0.005	0.177	0.20	14.66	48.37	21.12	19.02	0.0	0.003	11.5	2.16	15.12	79.1	0.0	0.0	0.0
109 DL	7.4	127.7	114.7	0.72	0.006	0.204	0.30	17.93	48.36	17.50	18.80	0.0	0.004	14.3	2.18	18.00	79.4	0.0	0.0	0.0
110 DL	8.6	125.4	152.7	0.89	0.007	0.200	0.40	22.19	48.36	14.33	18.61	0.0	0.005	17.0	2.12	16.96	79.7	0.0	0.0	0.0
111 DL	9.2	106.7	146.3	1.03	0.007	0.170	0.38	25.81	48.33	12.41	18.50	0.0	0.005	19.5	2.10	16.61	80.0	0.0	0.0	0.0
112 DL	8.9	84.3	102.1	1.07	0.007	0.134	0.27	26.70	48.30	12.03	18.48	0.0	0.006	20.3	2.13	12.22	80.3	0.0	0.0	0.0
113 DL	8.1	66.0	70.4	0.98	0.006	0.105	0.18	24.64	48.29	13.02	18.54	0.0	0.006	21.4	2.43	6.46	80.6	0.0	0.0	0.0
114 DL	7.1	51.9	50.9	0.86	0.006	0.083	0.13	21.41	48.30	14.91	18.66	0.0	0.006	20.8	2.73	3.88	80.7	0.0	0.0	0.0
115 DL	6.2	40.4	33.9	0.73	0.005	0.064	0.09	18.15	48.30	17.47	18.81	0.0	0.006	20.2	3.12	2.39	80.9	0.0	0.0	0.0
116 DL	5.5	31.8	22.6	0.60	0.004	0.051	0.06	15.03	48.31	20.87	19.02	0.0	0.006	19.9	3.72	1.61	81.1	0.0	0.0	0.0
117 DL	5.0	26.2	19.0	0.50	0.004	0.042	0.05	12.44	48.32	24.87	19.28	0.0	0.005	19.7	4.44	1.49	81.3	0.0	0.0	0.0
118 DL	4.7	22.2	19.9	0.43	0.004	0.035	0.05	10.73	48.31	28.46	19.51	0.0	0.005	19.6	5.13	1.69	81.5	0.0	0.0	0.0
119 DL	4.5	19.4	22.5	0.38	0.004	0.031	0.06	9.63	48.32	31.38	19.71	0.0	0.005	19.5	5.70	2.23	81.7	0.0	0.0	0.0
120 DL	4.3	18.1	25.0	0.36	0.003	0.029	0.07	8.92	48.32	33.61	19.86	0.0	0.005	19.5	6.15	2.90	82.0	0.0	0.0	0.0
121 DL	4.1	18.0	27.5	0.34	0.003	0.029	0.07	8.56	48.33	34.83	19.95	0.0	0.005	19.6	6.42	3.75	82.2	0.0	0.0	0.0
122 DL	4.0	18.3	30.0	0.34	0.003	0.029	0.08	8.47	48.33	35.15	19.97	0.0	0.005	19.6	6.50	4.56	82.5	0.0	0.0	0.0
123 DL	3.9	19.1	31.5	0.34	0.003	0.030	0.08	8.48	48.33	35.12	19.97	0.0	0.005	19.7	6.54	5.21	82.8	0.0	0.0	0.0
124 DL	3.9	20.0	32.2	0.34	0.003	0.032	0.08	8.54	48.33	34.90	19.95	0.0	0.006	19.8	6.52	5.90	83.1	0.0	0.0	0.0
125 DL	3.8	20.7	33.1	0.35	0.003	0.033	0.09	8.64	48.33	34.53	19.93	0.0	0.006	20.0	6.48	6.46	83.3	0.0	0.0	0.0
126 DL	3.7	21.1	33.6	0.35	0.003	0.034	0.09	8.74	48.33	34.17	19.90	0.0	0.006	20.0	6.43	6.51	83.6	0.0	0.0	0.0
127 DL	3.6	21.3	33.8	0.35	0.003	0.034	0.09	8.81	48.33	33.94	19.88	0.0	0.006	20.1	6.42	6.32	83.8	0.0	0.0	0.0
128 DL	3.6	20.9	32.6	0.35	0.003	0.033	0.09	8.84	48.34	33.84	19.88	0.0	0.006	20.2	6.43	6.21	84.1	0.0	0.0	0.0
129 DL	3.4	19.5	28.2	0.35	0.003	0.031	0.07	8.69	48.32	34.36	19.91	0.0	0.005	19.0	6.19	6.35	84.2	0.0	0.0	0.0
130 DL	3.3	17.4	22.2	0.33	0.003	0.028	0.06	8.23	48.33	36.12	20.04	0.0	0.004	14.8	5.11	5.70	84.4	0.0	0.0	0.0
131 DL	3.3	15.1	14.6	0.30	0.003	0.024	0.04	7.41	48.33	39.62	20.28	0.0	0.003	10.9	4.21	3.76	84.6	0.0	0.0	0.0
132 DL	3.3	12.7	12.0	0.26	0.003	0.020	0.03	6.43	48.34	44.84	20.66	0.0	0.002	7.6	3.38	2.33	84.8	0.0	0.0	0.0
133 DL	3.1	10.8	11.5	0.22	0.002	0.017	0.03	5.60	48.34	50.44	21.09	0.0	0.001	4.5	2.34	2.87	85.0	0.0	0.0	0.0
134 DL	2.9	9.4	12.2	0.20	0.002	0.015	0.03	5.00	48.33	55.47	21.48	0.0	0.001	1.8	1.07	2.71	85.1	0.0	0.0	0.0
135 DL	2.8	8.5	13.6	0.19	0.002	0.014	0.04	4.66	48.34	58.70	21.75	0.0	0.000	0.4	0.27	3.46	85.2	0.0	0.0	0.0
136 DL	2.6	8.0	14.6	0.18	0.002	0.013	0.04	4.50	48.34	60.38	21.89	0.0	0.000	0.0	0.01	3.93	85.4	0.0	0.0	0.0
137 DL	2.5	7.8	15.2	0.18	0.002	0.012	0.04	4.41	48.34	61.45	21.98	0.0	0.000	0.0	1.57	4.45	85.5	0.0	0.0	0.0
138 DL	2.4	7.7	15.4	0.17	0.002	0.012	0.04	4.37	48.34	61.89	22.02	0.0	0.000	0.0	1.55	4.82	85.6	0.0	0.0	0.0
139 DL	2.3	8.4	16.8	0.17	0.002	0.013	0.04	4.38	48.34	61.78	22.01	0.0	0.000	0.0	1.56	4.89	85.8	0.0	0.0	0.0
140 DL	2.3	11.7	20.9	0.18	0.002	0.019	0.05	4.53	48.34	59.98	21.85	0.0	0.000	1.5	0.82	5.14	85.9	0.0	0.0	0.0
141 DL	2.6	18.7	28.2	0.20	0.002	0.030	0.07	5.02	48.35	55.08	21.44	0.0	0.001	3.5	1.94	6.55	86.1	0.0	0.0	0.0
142 DL	2.9	27.2	35.1	0.24	0.002	0.043	0.09	5.95	48.35	47.72	20.87	0.0	0.001	4.6	2.15	10.81	86.2	0.0	0.0	0.0
143 DL	3.3	37.1	40.7	0.29	0.003	0.059	0.11	7.15	48.35	40.65	20.34	0.0	0.002	5.9	2.26	12.36	86.3	0.0	0.0	0.0
144 DL	3.7	50.6	46.3	0.34	0.003	0.081	0.12	8.47	48.34	34.94	19.94	0.0	0.002	7.2	2.35	16.59	86.4	0.0	0.0	0.0
145 DL	4.3	67.9	52.8	0.40	0.003	0.108	0.14	10.02	48.34	29.99	19.60	0.0	0.002	8.5	2.35	16.36	86.5	0.0	0.0	0.0
146 DL	5.2	88.2	62.8	0.48	0.004	0.141	0.16	11.95	48.34	25.51	19.30	0.0	0.003	9.9	2.28	14.71	86.6	0.0	0.0	0.0
147 DL	6.6	109.9	83.7	0.57	0.005	0.175	0.22	14.34	48.34	21.53	19.05	0.0	0.003	11.6	2.22	14.91	86.9	0.0	0.0	0.0
148 DL	8.2	121.5	124.8	0.71	0.006	0.194	0.33	17.84	48.34	17.60	18.80	0.0	0.004	14.6	2.24	17.14	87.1	0.0	0.0	0.0
149 DL	9.5	116.2	166.6	0.89	0.008	0.185	0.44	22.24	48.33	14.31	18.61	0.0	0.005	17.4	2.17	16.07	87.3	0.0	0.0	0.0
150 DL	10.3	98.4	164.2	1.04	0.008	0.157	0.43	26.14	48.31	12.27	18.49	0.0	0.005	19.7	2.10	15.22	87.5	0.0	0.0	0.0
151 DL	10.1	76.9	100.5	1.09	0.008	0.122	0.26	27.24	48.27	11.80	18.47	0.0	0.006	21.1	2.17	12.88	87.7	0.0	0.0	0.0
152 DL	9.2	58.9	48.3	0.97	0.007	0.094	0.13	24.27	48.24	13.22	18.55	0.0	0.006	20.2	2.34	8.31	87.9	0.0	0.0	0.0
153 DL	8.0	45.4	30.8	0.80	0.006	0.072	0.08	19.95	48.26	15.97	18.72	0.0	0.006	20.1	2.84	4.86	88.1	0.0	0.0	0.0
154 DL	7.1	35.6	26.7	0.65	0.006	0.057	0.07	16.31	48.28	19.32	18.92	0.0	0.006	20.0	3.46	2.85	88.2	0.0	0.0	0.0
155 DL	6.3	29.2	25.9	0.55	0.005	0.046	0.07	13.66	48.27	22.77	19.14	0.0	0.006	19.9	4.10	2.47	88.3	0.0	0.0	0.0
156 DL	5.8	24.6	25.8	0.48	0.005	0.039	0.07	11.91	48.28	25.83	19.34	0.0	0.006	19.9	4.69	2.63	88.4	0.0	0.0	0.0
157 DL	5.4	21.4	26.6	0.43	0.004	0.034	0.07	10.70	48.29	28.49	19.52	0.0	0.006	19.8	5.21	3.00	88.7	0.0	0.0	0.0
158 DL	5.1	19.8	27.8	0.39	0.004	0.032	0.07	9.84	48.28	30.72	19.67	0.0	0.006	19.9	5.67	3.23	89.0	0.0	0.0	0.0
159 DL	4.9	19.1	29.5	0.37	0.004	0.030	0.08	9.36	48.28	32.15	19.76	0.0	0.006	20.0	6.00	3.89	89.3	0.0	0.0	0.0
160 DL	4.8	18.8	31.5	0.36	0.004	0.030	0.08	9.09	48.29	32.98	19.82	0.0	0.006	20.0	6.18	4.95	89.5	0.0	0.0	0.0
161 DL	4.7	18.7	32.2	0.36	0.004	0.030	0.08	8.95	48.29	33.46	19.85	0.0	0.006	20.1	6.31	5.06	89.9	0.0	0.0	0.0
162 DL	4.5	18.5	32.3	0.36	0.004	0.029	0.08	8.89	48.29	33.67	19.87	0.0	0.006	20.1	6.37	5.10	90.1	0.0	0.0	0.0
163 DL	4.4	17.9	32.1	0.35	0.003	0.028	0.08	8.81	48.29	33.92	19.88	0.0	0.006	20.2	6.43	5.15	90.5	0.0	0.0	0.0

164 DL	4.3	17.0	31.7	0.35	0.003	0.027	0.08	8.70	48.30	34.33	19.91	0.0	0.006	20.2	6.52	4.93	90.7	0.0	0.0	0.0
165 DL	4.2	15.8	30.3	0.34	0.003	0.025	0.08	8.57	48.29	34.80	19.95	0.0	0.006	20.1	6.60	4.59	90.9	0.0	0.0	0.0
166 DL	4.0	14.5	28.7	0.33	0.003	0.023	0.08	8.37	48.30	35.57	20.00	0.0	0.006	20.0	6.74	3.94	91.2	0.0	0.0	0.0
167 DL	3.9	13.5	27.9	0.32	0.003	0.022	0.07	8.11	48.29	36.59	20.07	0.0	0.006	20.0	6.95	3.51	91.3	0.0	0.0	0.0
168 DL	3.9	12.6	26.7	0.32	0.003	0.020	0.07	7.89	48.29	37.46	20.13	0.0	0.006	20.0	7.13	3.60	91.5	0.0	0.0	0.0
169 DL	3.7	11.5	24.2	0.31	0.003	0.018	0.06	7.64	48.30	38.58	20.21	0.0	0.005	19.0	7.05	3.82	91.7	0.0	0.0	0.0
170 DL	3.6	10.6	19.8	0.29	0.003	0.017	0.05	7.20	48.30	40.64	20.36	0.0	0.004	14.7	5.80	3.68	91.9	0.0	0.0	0.0
171 DL	3.6	9.6	13.9	0.26	0.003	0.015	0.04	6.56	48.30	44.10	20.61	0.0	0.003	10.0	4.41	2.77	92.1	0.0	0.0	0.0
172 DL	3.6	8.6	11.9	0.23	0.003	0.014	0.03	5.77	48.31	49.19	20.99	0.0	0.002	5.9	2.95	2.11	92.2	0.0	0.0	0.0
173 DL	3.5	7.6	12.1	0.20	0.003	0.012	0.03	5.09	48.31	54.61	21.42	0.0	0.001	2.1	1.27	2.85	92.4	0.0	0.0	0.0
174 DL	3.3	7.1	13.2	0.19	0.003	0.011	0.03	4.65	48.31	58.79	21.76	0.0	0.000	0.4	0.27	3.04	92.5	0.0	0.0	0.0
175 DL	3.1	6.9	14.4	0.18	0.002	0.011	0.04	4.45	48.31	60.98	21.94	0.0	0.000	0.1	0.09	3.46	92.6	0.0	0.0	0.0
176 DL	2.9	6.8	15.0	0.17	0.002	0.011	0.04	4.34	48.32	62.18	22.04	0.0	0.000	0.1	0.03	4.28	92.7	0.0	0.0	0.0
177 DL	2.8	6.9	15.7	0.17	0.002	0.011	0.04	4.29	48.32	62.79	22.09	0.0	0.000	0.0	1.53	4.43	92.7	0.0	0.0	0.0
178 DL	2.7	6.9	15.8	0.17	0.002	0.011	0.04	4.29	48.32	62.84	22.10	0.0	0.000	0.0	1.52	4.77	92.9	0.0	0.0	0.0
179 DL	2.6	7.3	17.0	0.17	0.002	0.012	0.04	4.30	48.32	62.69	22.08	0.0	0.000	0.0	1.53	4.92	93.0	0.0	0.0	0.0
180 DL	2.6	10.9	20.5	0.18	0.002	0.017	0.05	4.42	48.33	61.23	21.96	0.0	0.000	1.1	0.58	4.76	93.1	0.0	0.0	0.0
181 DL	2.9	18.6	27.6	0.19	0.002	0.030	0.07	4.87	48.33	56.48	21.56	0.0	0.001	3.5	1.96	5.77	93.2	0.0	0.0	0.0
182 DL	3.2	27.8	35.5	0.23	0.003	0.044	0.09	5.80	48.33	48.74	20.94	0.0	0.001	4.6	2.18	10.73	93.3	0.0	0.0	0.0
183 DL	3.6	39.5	42.1	0.28	0.003	0.063	0.11	7.02	48.34	41.28	20.39	0.0	0.002	5.9	2.31	12.68	93.4	0.0	0.0	0.0
184 DL	4.1	56.4	48.4	0.34	0.003	0.090	0.13	8.43	48.32	35.05	19.94	0.0	0.002	7.3	2.40	16.39	93.6	0.0	0.0	0.0
185 DL	4.8	76.9	56.1	0.41	0.004	0.122	0.15	10.19	48.33	29.50	19.56	0.0	0.002	8.8	2.36	15.94	93.8	0.0	0.0	0.0
186 DL	5.8	100.3	68.8	0.49	0.005	0.160	0.18	12.24	48.33	24.90	19.26	0.0	0.003	10.3	2.30	15.10	93.9	0.0	0.0	0.0
187 DL	7.3	120.4	97.9	0.60	0.006	0.192	0.26	15.03	48.33	20.61	18.99	0.0	0.003	12.1	2.21	15.45	94.0	0.0	0.0	0.0
188 DL	8.8	125.2	145.0	0.76	0.007	0.199	0.38	19.06	48.33	16.53	18.74	0.0	0.004	15.5	2.23	15.63	94.2	0.0	0.0	0.0
189 DL	9.9	112.2	175.2	0.93	0.008	0.179	0.46	23.38	48.31	13.64	18.57	0.0	0.005	18.2	2.16	14.08	94.3	0.0	0.0	0.0
190 DL	10.2	89.9	139.8	1.05	0.008	0.143	0.37	26.34	48.28	12.17	18.49	0.0	0.006	20.4	2.16	12.74	94.6	0.0	0.0	0.0
191 DL	9.6	68.8	75.4	1.03	0.008	0.109	0.20	25.68	48.25	12.50	18.51	0.0	0.006	20.7	2.26	8.41	94.8	0.0	0.0	0.0
192 DL	8.6	53.1	39.1	0.88	0.007	0.084	0.10	21.99	48.25	14.54	18.63	0.0	0.005	19.4	2.49	4.48	95.0	0.0	0.0	0.0
193 DL	7.8	41.5	25.4	0.71	0.006	0.066	0.07	17.85	48.27	17.75	18.83	0.0	0.005	19.7	3.10	2.63	95.2	0.0	0.0	0.0
194 DL	7.2	33.7	25.8	0.58	0.006	0.054	0.07	14.51	48.28	21.54	19.06	0.0	0.005	19.7	3.82	2.24	95.5	0.0	0.0	0.0
195 DL	6.6	28.9	28.5	0.49	0.005	0.046	0.07	12.36	48.29	24.96	19.28	0.0	0.005	19.8	4.49	3.01	95.6	0.0	0.0	0.0
196 DL	6.1	25.7	30.4	0.45	0.005	0.041	0.08	11.16	48.29	27.39	19.44	0.0	0.006	19.9	4.99	3.88	95.8	0.0	0.0	0.0
197 DL	5.7	23.7	31.8	0.41	0.005	0.038	0.08	10.38	48.28	29.26	19.57	0.0	0.006	20.0	5.40	4.44	95.9	0.0	0.0	0.0
198 DL	5.5	22.7	32.6	0.39	0.004	0.036	0.09	9.86	48.29	30.65	19.66	0.0	0.006	20.0	5.71	4.80	96.1	0.0	0.0	0.0
199 DL	5.3	21.9	33.2	0.38	0.004	0.035	0.09	9.57	48.29	31.49	19.72	0.0	0.006	20.2	5.92	5.10	96.2	0.0	0.0	0.0
200 DL	5.1	21.4	33.7	0.37	0.004	0.034	0.09	9.37	48.29	32.09	19.76	0.0	0.006	20.3	6.07	5.27	96.5	0.0	0.0	0.0
201 DL	5.0	21.1	34.0	0.37	0.004	0.034	0.09	9.23	48.30	32.55	19.79	0.0	0.006	20.4	6.21	5.52	96.7	0.0	0.0	0.0
202 DL	4.9	20.8	34.1	0.37	0.004	0.033	0.09	9.16	48.29	32.77	19.81	0.0	0.006	20.5	6.29	5.73	97.0	0.0	0.0	0.0
203 DL	4.8	19.7	33.0	0.36	0.004	0.031	0.09	9.09	48.30	33.00	19.82	0.0	0.006	20.6	6.35	5.54	97.2	0.0	0.0	0.0
204 DL	4.7	17.9	30.4	0.36	0.004	0.028	0.08	8.92	48.30	33.57	19.86	0.0	0.006	20.3	6.42	5.35	97.5	0.0	0.0	0.0
205 DL	4.5	15.7	26.6	0.34	0.004	0.025	0.07	8.61	48.30	34.68	19.94	0.0	0.006	20.2	6.58	3.90	97.7	0.0	0.0	0.0
206 DL	4.4	13.6	23.7	0.33	0.003	0.022	0.06	8.16	48.30	36.38	20.06	0.0	0.006	20.0	6.91	2.77	97.9	0.0	0.0	0.0
207 DL	4.4	12.1	23.1	0.31	0.003	0.019	0.06	7.67	48.32	38.42	20.20	0.0	0.006	19.9	7.31	2.59	98.1	0.0	0.0	0.0
208 DL	4.3	10.8	22.8	0.29	0.003	0.017	0.06	7.31	48.31	40.11	20.32	0.0	0.006	19.8	7.64	2.78	98.3	0.0	0.0	0.0
209 DL	4.2	9.7	20.7	0.28	0.003	0.015	0.05	6.98	48.30	41.76	20.44	0.0	0.005	18.8	7.65	2.84	98.4	0.0	0.0	0.0
210 DL	4.2	8.8	16.5	0.26	0.003	0.014	0.04	6.51	48.31	44.39	20.63	0.0	0.004	14.6	6.39	2.75	98.5	0.0	0.0	0.0
211 DL	4.3	8.2	12.1	0.23	0.003	0.013	0.03	5.83	48.32	48.80	20.96	0.0	0.003	10.8	5.30	2.04	98.5	0.0	0.0	0.0
212 DL	4.3	7.4	11.2	0.21	0.003	0.012	0.03	5.14	48.32	54.22	21.38	0.0	0.002	7.4	4.11	1.93	98.5	0.0	0.0	0.0
213 DL	4.2	6.8	11.3	0.18	0.003	0.011	0.03	4.62	48.31	59.13	21.78	0.0	0.001	4.5	2.83	2.66	98.6	0.0	0.0	0.0
214 DL	3.9	6.4	12.3	0.17	0.003	0.010	0.03	4.25	48.32	63.24	22.13	0.0	0.001	1.9	1.31	2.70	98.8	0.0	0.0	0.0
215 DL	3.8	6.1	13.5	0.16	0.003	0.010	0.04	4.08	48.32	65.38	22.32	0.0	0.000	0.3	0.27	3.43	98.8	0.0	0.0	0.0
216 DL	3.6	6.0	14.6	0.16	0.003	0.010	0.04	4.03	48.32	65.96	22.37	0.0	0.000	0.0	0.02	3.70	99.0	0.0	0.0	0.0
217 DL	3.5	6.1	15.4	0.16	0.003	0.010	0.04	4.03	48.33	65.99	22.37	0.0	0.000	0.0	1.43	4.13	99.1	0.0	0.0	0.0
218 DL	3.3	6.2	15.8	0.16	0.003	0.010	0.04	4.07	48.33	65.49	22.33	0.0	0.000	0.0	1.45	4.35	99.2	0.0	0.0	0.0
219 DL	3.2	6.9	16.5	0.16	0.003	0.011	0.04	4.12	48.34	64.89	22.27	0.0	0.000	0.0	1.46	4.65	99.4	0.0	0.0	0.0
220 DL	3.3	10.4	19.9	0.17	0.003	0.017	0.05	4.26	48.35	63.04	22.11	0.0	0.000	0.9	0.49	4.78	99.5	0.0	0.0	0.0
221 DL	3.6	18.6	27.4	0.19	0.003	0.030	0.07	4.71	48.34	58.01	21.68	0.0	0.001	3.5	2.05	5.71	99.7	0.0	0.0	0.0
222 DL	4.0	28.7	35.7	0.23	0.003	0.046	0.09	5.65	48.34	49.82	21.02	0.0	0.001	4.6	2.26	10.69	100.2	0.0	0.0	0.0

223 DL	4.4	40.4	41.9	0.20	0.003	0.064	0.11	6.94	48.34	41.67	20.41	0.0	0.002	6.0	2.36	12.06	100.5	0.0	0.0	0.0
224 DL	4.9	56.9	48.7	0.33	0.004	0.091	0.13	8.37	48.34	35.27	19.96	0.0	0.002	7.4	2.43	15.98	100.8	0.0	0.0	0.0
225 DL	5.5	78.3	56.0	0.40	0.004	0.125	0.15	10.01	48.34	29.97	19.59	0.0	0.002	8.8	2.41	16.36	101.0	0.0	0.0	0.0
226 DL	6.5	102.0	65.7	0.48	0.005	0.162	0.17	12.05	48.35	25.26	19.28	0.0	0.003	10.2	2.32	15.29	101.1	0.0	0.0	0.0
227 DL	7.8	125.4	87.5	0.58	0.006	0.200	0.23	14.59	48.34	21.15	19.02	0.0	0.003	11.9	2.24	15.55	101.2	0.0	0.0	0.0
228 DL	9.3	140.0	130.4	0.72	0.007	0.223	0.34	17.92	48.34	17.47	18.79	0.0	0.004	15.0	2.30	15.28	101.3	0.0	0.0	0.0
229 DL	10.7	134.4	167.4	0.89	0.008	0.214	0.44	22.25	48.33	14.27	18.60	0.0	0.005	17.7	2.20	13.48	101.4	0.0	0.0	0.0
230 DL	11.2	112.1	141.6	1.03	0.009	0.178	0.37	25.90	48.30	12.35	18.50	0.0	0.006	20.1	2.16	12.86	101.5	0.0	0.0	0.0
231 DL	10.7	86.0	72.4	1.03	0.008	0.137	0.19	25.63	48.25	12.50	18.51	0.0	0.006	19.9	2.18	9.68	101.7	0.0	0.0	0.0
232 DL	9.7	65.8	42.2	0.87	0.008	0.105	0.11	21.81	48.26	14.64	18.64	0.0	0.006	20.1	2.58	5.70	102.0	0.0	0.0	0.0
233 DL	8.7	51.9	37.1	0.71	0.007	0.083	0.10	17.89	48.28	17.67	18.82	0.0	0.006	20.1	3.16	3.90	102.3	0.0	0.0	0.0
234 DL	7.8	41.4	33.4	0.60	0.006	0.066	0.09	15.13	48.28	20.66	19.01	0.0	0.006	19.9	3.70	3.51	102.5	0.0	0.0	0.0
235 DL	7.1	33.3	28.5	0.52	0.006	0.053	0.07	13.12	48.29	23.61	19.20	0.0	0.005	19.8	4.23	3.13	102.6	0.0	0.0	0.0
236 DL	6.6	28.0	26.1	0.46	0.005	0.045	0.07	11.45	48.29	26.76	19.40	0.0	0.005	19.8	4.85	2.66	102.9	0.0	0.0	0.0
237 DL	6.3	24.4	26.6	0.41	0.005	0.039	0.07	10.29	48.29	29.49	19.58	0.0	0.005	19.8	5.40	2.91	103.1	0.0	0.0	0.0
238 DL	6.1	22.0	28.2	0.38	0.005	0.035	0.07	9.57	48.29	31.50	19.72	0.0	0.006	19.9	5.83	3.67	103.4	0.0	0.0	0.0
239 DL	5.9	20.5	29.5	0.36	0.005	0.033	0.08	9.08	48.30	33.03	19.82	0.0	0.006	19.9	6.17	4.22	103.7	0.0	0.0	0.0
240 DL	5.8	19.6	30.2	0.35	0.005	0.031	0.08	8.80	48.30	33.96	19.89	0.0	0.006	20.0	6.38	4.62	103.8	0.0	0.0	0.0
241 DL	5.6	18.7	30.6	0.35	0.004	0.030	0.08	8.65	48.29	34.48	19.92	0.0	0.006	20.0	6.51	4.65	104.0	0.0	0.0	0.0
242 DL	5.5	17.8	30.4	0.34	0.004	0.028	0.08	8.52	48.30	34.97	19.96	0.0	0.006	20.1	6.63	4.63	104.1	0.0	0.0	0.0
243 DL	5.4	17.0	29.9	0.33	0.004	0.027	0.08	8.37	48.31	35.51	19.99	0.0	0.006	20.1	6.75	4.54	104.2	0.0	0.0	0.0
244 DL	5.3	15.5	28.4	0.33	0.004	0.025	0.07	8.24	48.31	36.05	20.03	0.0	0.006	20.0	6.83	4.53	104.3	0.0	0.0	0.0
245 DL	5.2	13.9	26.5	0.32	0.004	0.022	0.07	8.02	48.31	36.92	20.09	0.0	0.006	20.0	7.00	3.81	104.5	0.0	0.0	0.0
246 DL	5.2	12.7	25.4	0.31	0.004	0.020	0.07	7.73	48.31	38.14	20.18	0.0	0.006	19.9	7.24	3.36	104.6	0.0	0.0	0.0
247 DL	5.1	11.8	24.9	0.30	0.004	0.019	0.07	7.50	48.31	39.20	20.26	0.0	0.006	19.9	7.45	3.38	104.8	0.0	0.0	0.0
248 DL	5.1	10.9	24.4	0.29	0.004	0.017	0.06	7.31	48.31	40.09	20.32	0.0	0.006	19.8	7.63	3.33	105.0	0.0	0.0	0.0
249 DL	5.0	10.2	21.9	0.28	0.004	0.016	0.06	7.05	48.31	41.37	20.41	0.0	0.005	18.8	7.58	3.34	105.1	0.0	0.0	0.0
250 DL	5.0	9.5	17.1	0.27	0.004	0.015	0.04	6.65	48.31	43.54	20.57	0.0	0.004	14.9	6.38	3.35	105.2	0.0	0.0	0.0
251 DL	5.1	8.6	11.8	0.24	0.004	0.014	0.03	5.99	48.31	47.67	20.88	0.0	0.003	11.1	5.30	2.40	105.4	0.0	0.0	0.0
252 DL	5.1	7.8	11.2	0.21	0.004	0.012	0.03	5.18	48.32	53.87	21.36	0.0	0.002	7.5	4.16	2.06	105.6	0.0	0.0	0.0
253 DL	5.0	7.1	11.5	0.18	0.004	0.011	0.03	4.60	48.31	59.27	21.80	0.0	0.001	4.3	2.72	2.94	105.7	0.0	0.0	0.0
254 DL	4.8	6.6	12.3	0.17	0.004	0.010	0.03	4.28	48.32	62.89	22.10	0.0	0.001	1.7	1.20	2.86	105.9	0.0	0.0	0.0
255 DL	4.6	6.3	13.6	0.16	0.004	0.010	0.04	4.09	48.32	65.20	22.30	0.0	0.000	0.7	0.53	3.45	106.1	0.0	0.0	0.0
256 DL	4.5	6.1	14.6	0.16	0.004	0.010	0.04	4.02	48.33	66.16	22.38	0.0	0.000	0.0	0.03	3.81	106.2	0.0	0.0	0.0
257 DL	4.3	6.1	15.4	0.16	0.003	0.010	0.04	4.02	48.34	66.14	22.38	0.0	0.000	0.0	1.43	4.10	106.4	0.0	0.0	0.0
258 DL	4.2	6.1	15.8	0.16	0.003	0.010	0.04	4.05	48.34	65.75	22.35	0.0	0.000	0.0	1.44	4.52	106.5	0.0	0.0	0.0
259 DL	4.1	6.7	16.6	0.16	0.003	0.011	0.04	4.09	48.33	65.17	22.30	0.0	0.000	0.0	1.46	4.76	106.7	0.0	0.0	0.0
260 DL	4.2	10.7	20.4	0.17	0.003	0.017	0.05	4.24	48.34	63.32	22.13	0.0	0.000	0.9	0.51	4.84	106.8	0.0	0.0	0.0
261 DL	4.5	19.4	28.3	0.19	0.004	0.031	0.07	4.71	48.34	57.96	21.68	0.0	0.001	3.6	2.13	5.77	107.0	0.0	0.0	0.0
262 DL	4.9	30.9	37.3	0.23	0.004	0.049	0.10	5.72	48.34	49.27	20.98	0.0	0.001	4.9	2.34	10.83	107.0	0.0	0.0	0.0
263 DL	5.4	47.4	45.6	0.28	0.004	0.076	0.12	7.05	48.34	41.02	20.36	0.0	0.002	6.4	2.48	13.10	107.1	0.0	0.0	0.0
264 DL	6.0	69.9	53.4	0.35	0.005	0.111	0.14	8.74	48.35	33.87	19.85	0.0	0.002	8.0	2.50	16.56	107.2	0.0	0.0	0.0
265 DL	6.9	96.0	64.3	0.43	0.005	0.153	0.17	10.86	48.34	27.77	19.44	0.0	0.003	9.5	2.40	15.72	107.4	0.0	0.0	0.0
266 DL	8.4	119.1	89.3	0.54	0.007	0.190	0.23	13.52	48.34	22.70	19.12	0.0	0.003	11.5	2.31	15.69	107.5	0.0	0.0	0.0
267 DL	9.9	126.5	137.5	0.69	0.008	0.202	0.36	17.25	48.34	18.15	18.83	0.0	0.004	14.5	2.30	15.74	107.7	0.0	0.0	0.0
268 DL	11.1	114.7	167.3	0.87	0.009	0.183	0.44	21.82	48.32	14.57	18.62	0.0	0.005	17.5	2.22	13.38	107.9	0.0	0.0	0.0
269 DL	11.5	93.1	130.6	1.01	0.009	0.148	0.34	25.17	48.29	12.71	18.52	0.0	0.005	19.7	2.18	11.03	108.1	0.0	0.0	0.0
270 DL	11.1	71.4	63.8	0.98	0.009	0.114	0.17	24.52	48.25	13.06	18.54	0.0	0.005	19.3	2.22	7.76	108.3	0.0	0.0	0.0
271 DL	10.5	54.8	35.9	0.82	0.008	0.087	0.09	20.59	48.25	15.47	18.69	0.0	0.005	19.4	2.64	5.40	108.4	0.0	0.0	0.0
272 DL	9.7	44.6	34.4	0.67	0.008	0.071	0.09	16.68	48.28	18.88	18.90	0.0	0.005	19.6	3.30	3.51	108.6	0.0	0.0	0.0
273 DL	8.9	38.6	36.4	0.57	0.007	0.061	0.10	14.21	48.29	21.90	19.09	0.0	0.006	19.9	3.92	3.97	108.7	0.0	0.0	0.0
274 DL	8.3	34.6	37.5	0.51	0.007	0.055	0.10	12.76	48.30	24.19	19.23	0.0	0.006	20.1	4.41	4.96	108.9	0.0	0.0	0.0
275 DL	7.8	31.7	36.7	0.47	0.006	0.050	0.10	11.78	48.30	26.04	19.35	0.0	0.006	20.2	4.81	5.54	109.1	0.0	0.0	0.0
276 DL	7.4	28.7	34.9	0.44	0.006	0.046	0.09	11.05	48.29	27.60	19.46	0.0	0.006	20.3	5.14	5.72	109.3	0.0	0.0	0.0
277 DL	7.1	25.0	31.4	0.42	0.006	0.040	0.08	10.45	48.30	29.06	19.55	0.0	0.006	20.2	5.42	5.03	109.6	0.0	0.0	0.0
278 DL	6.8	21.3	28.4	0.39	0.005	0.034	0.07	9.78	48.30	30.89	19.68	0.0	0.006	20.1	5.77	3.83	109.8	0.0	0.0	0.0
279 DL	6.6	18.6	26.8	0.36	0.005	0.030	0.07	9.07	48.29	33.04	19.82	0.0	0.006	20.0	6.21	3.36	110.0	0.0	0.0	0.0
280 DL	6.5	16.6	26.4	0.34	0.005	0.026	0.07	8.55	48.31	34.87	19.95	0.0	0.006	20.0	6.58	3.23	110.3	0.0	0.0	0.0
281 DL	6.4	14.9	26.2	0.33	0.005	0.024	0.07	8.16	48.30	36.36	20.05	0.0	0.006	19.9	6.87	3.36	110.5	0.0	0.0	0.0

282 DL	6.3	13.0	26.4	0.31	0.005	0.022	0.07	7.84	48.31	37.67	20.15	0.0	0.006	19.9	7.15	3.51	110.6	0.0	0.0	0.0
283 DL	6.3	13.0	26.5	0.30	0.005	0.021	0.07	7.61	48.31	38.65	20.22	0.0	0.006	19.9	7.35	3.45	110.8	0.0	0.0	0.0
284 DL	6.2	12.2	26.7	0.30	0.005	0.019	0.07	7.47	48.30	39.32	20.26	0.0	0.006	19.9	7.50	3.44	111.0	0.0	0.0	0.0
285 DL	6.1	11.8	27.0	0.29	0.005	0.019	0.07	7.35	48.31	39.87	20.30	0.0	0.006	19.9	7.63	3.52	111.1	0.0	0.0	0.0
286 DL	6.1	11.5	27.2	0.29	0.005	0.018	0.07	7.26	48.32	40.31	20.34	0.0	0.006	20.0	7.73	3.72	111.2	0.0	0.0	0.0
287 DL	6.0	11.3	27.5	0.29	0.005	0.018	0.07	7.22	48.31	40.49	20.35	0.0	0.006	20.0	7.78	3.81	111.4	0.0	0.0	0.0
288 DL	6.0	10.8	26.4	0.29	0.005	0.017	0.07	7.20	48.31	40.62	20.36	0.0	0.006	20.0	7.81	3.89	111.5	0.0	0.0	0.0
289 DL	5.8	10.2	23.5	0.28	0.005	0.016	0.06	7.06	48.31	41.29	20.41	0.0	0.005	18.6	7.48	3.91	111.6	0.0	0.0	0.0
290 DL	5.8	9.4	17.9	0.27	0.005	0.015	0.05	6.72	48.31	43.12	20.54	0.0	0.004	14.5	6.15	3.77	111.8	0.0	0.0	0.0
291 DL	5.8	8.5	12.3	0.24	0.005	0.014	0.03	6.04	48.31	47.32	20.85	0.0	0.003	10.3	4.92	2.46	111.9	0.0	0.0	0.0
292 DL	5.8	7.7	11.4	0.21	0.005	0.012	0.03	5.20	48.31	53.61	21.33	0.0	0.002	6.8	3.75	2.33	112.0	0.0	0.0	0.0
293 DL	5.6	7.0	11.5	0.18	0.004	0.011	0.03	4.62	48.31	59.10	21.78	0.0	0.001	3.2	2.06	3.09	112.1	0.0	0.0	0.0
294 DL	5.4	6.5	12.4	0.17	0.004	0.010	0.03	4.29	48.32	62.73	22.09	0.0	0.000	1.2	0.82	3.08	112.2	0.0	0.0	0.0
295 DL	5.2	6.2	13.7	0.16	0.004	0.010	0.04	4.11	48.32	64.90	22.27	0.0	0.000	0.1	0.09	3.69	112.3	0.0	0.0	0.0
296 DL	5.0	6.0	14.8	0.16	0.004	0.010	0.04	4.03	48.32	65.94	22.36	0.0	0.000	0.0	0.00	3.69	112.4	0.0	0.0	0.0
297 DL	4.8	6.0	15.3	0.16	0.004	0.010	0.04	4.04	48.31	65.86	22.36	0.0	0.000	0.0	1.44	4.12	112.5	0.0	0.0	0.0
298 DL	4.7	6.1	15.8	0.16	0.004	0.010	0.04	4.07	48.32	65.48	22.32	0.0	0.000	0.0	1.45	4.68	112.7	0.0	0.0	0.0
299 DL	4.6	6.9	16.7	0.16	0.004	0.011	0.04	4.10	48.32	64.99	22.28	0.0	0.000	0.0	1.46	4.71	112.8	0.0	0.0	0.0
300 DL	4.7	11.9	21.1	0.17	0.004	0.019	0.06	4.25	48.33	63.11	22.11	0.0	0.000	1.3	0.73	4.74	113.0	0.0	0.0	0.0
301 DL	5.0	22.4	30.1	0.19	0.004	0.036	0.08	4.78	48.33	57.19	21.61	0.0	0.001	3.9	2.24	6.17	113.2	0.0	0.0	0.0
302 DL	5.5	36.2	39.9	0.24	0.004	0.058	0.10	5.91	48.32	47.84	20.87	0.0	0.001	5.2	2.42	11.00	113.4	0.0	0.0	0.0
303 DL	6.1	54.8	47.9	0.30	0.005	0.087	0.13	7.44	48.32	39.08	20.22	0.0	0.002	6.9	2.52	14.22	113.6	0.0	0.0	0.0
304 DL	6.8	81.7	57.1	0.37	0.005	0.130	0.15	9.22	48.32	32.20	19.74	0.0	0.002	8.5	2.53	16.59	113.8	0.0	0.0	0.0
305 DL	7.9	112.8	73.2	0.46	0.006	0.180	0.19	11.52	48.33	26.27	19.34	0.0	0.003	10.3	2.43	16.51	113.9	0.0	0.0	0.0
306 DL	9.4	132.0	110.2	0.59	0.007	0.210	0.29	14.80	48.32	20.88	19.00	0.0	0.003	12.4	2.29	16.61	114.0	0.0	0.0	0.0
307 DL	10.9	127.5	156.0	0.76	0.009	0.203	0.41	18.95	48.32	16.60	18.74	0.0	0.004	16.0	2.32	15.81	114.0	0.0	0.0	0.0
308 DL	11.6	106.6	154.2	0.91	0.009	0.170	0.40	22.80	48.28	13.95	18.59	0.0	0.005	18.5	2.25	12.83	114.1	0.0	0.0	0.0
309 DL	11.8	84.4	117.6	0.99	0.009	0.134	0.31	24.80	48.25	12.89	18.53	0.0	0.005	19.7	2.22	9.69	114.1	0.0	0.0	0.0
310 DL	11.3	66.0	68.5	0.97	0.009	0.105	0.18	24.15	48.23	13.24	18.55	0.0	0.006	20.3	2.36	5.88	114.2	0.0	0.0	0.0
311 DL	10.5	51.0	35.9	0.84	0.008	0.081	0.09	21.06	48.22	15.13	18.67	0.0	0.005	19.7	2.64	3.56	114.3	0.0	0.0	0.0
312 DL	9.6	39.6	26.0	0.69	0.008	0.063	0.07	17.27	48.24	18.29	18.86	0.0	0.005	19.8	3.21	2.48	114.6	0.0	0.0	0.0
313 DL	8.8	32.4	26.2	0.56	0.007	0.051	0.07	14.11	48.25	22.08	19.10	0.0	0.006	19.9	3.95	2.29	114.8	0.0	0.0	0.0
314 DL	8.2	27.8	28.1	0.48	0.006	0.044	0.07	12.09	48.26	25.45	19.32	0.0	0.006	19.9	4.63	2.96	115.0	0.0	0.0	0.0
315 DL	7.7	24.4	29.5	0.44	0.006	0.039	0.08	10.90	48.25	27.95	19.48	0.0	0.006	20.0	5.15	3.70	115.2	0.0	0.0	0.0
316 DL	7.3	21.8	29.9	0.40	0.006	0.035	0.08	10.10	48.26	29.97	19.62	0.0	0.006	20.1	5.58	4.07	115.5	0.0	0.0	0.0
317 DL	7.1	20.1	29.8	0.38	0.006	0.032	0.08	9.48	48.26	31.73	19.73	0.0	0.006	20.1	5.96	4.26	115.7	0.0	0.0	0.0
318 DL	6.9	18.4	29.3	0.36	0.005	0.029	0.08	9.07	48.26	33.02	19.82	0.0	0.006	20.2	6.24	4.29	116.0	0.0	0.0	0.0
319 DL	6.7	16.4	27.8	0.35	0.005	0.026	0.07	8.74	48.27	34.15	19.90	0.0	0.006	20.0	6.44	3.97	116.2	0.0	0.0	0.0
320 DL	6.5	14.6	25.6	0.33	0.005	0.023	0.07	8.33	48.26	35.68	20.01	0.0	0.006	20.0	6.74	3.29	116.4	0.0	0.0	0.0
321 DL	6.4	13.4	24.7	0.32	0.005	0.021	0.06	7.89	48.27	37.44	20.13	0.0	0.006	19.9	7.09	3.02	116.5	0.0	0.0	0.0
322 DL	6.3	12.3	24.5	0.30	0.005	0.020	0.06	7.58	48.27	38.80	20.23	0.0	0.006	19.9	7.37	3.04	116.7	0.0	0.0	0.0
323 DL	6.2	11.4	24.6	0.29	0.005	0.018	0.06	7.35	48.27	39.84	20.30	0.0	0.006	19.8	7.58	3.08	116.8	0.0	0.0	0.0
324 DL	6.1	10.9	24.8	0.29	0.005	0.017	0.06	7.15	48.27	40.83	20.37	0.0	0.006	19.8	7.79	3.16	117.0	0.0	0.0	0.0
325 DL	6.1	10.6	25.6	0.28	0.005	0.017	0.07	7.01	48.27	41.53	20.42	0.0	0.006	19.8	7.96	3.35	117.1	0.0	0.0	0.0
326 DL	6.0	10.6	26.6	0.28	0.005	0.017	0.07	6.97	48.27	41.75	20.44	0.0	0.006	19.9	8.02	3.59	117.2	0.0	0.0	0.0
327 DL	5.9	10.6	27.6	0.28	0.005	0.017	0.07	6.98	48.28	41.68	20.43	0.0	0.006	20.0	8.03	3.73	117.3	0.0	0.0	0.0
328 DL	5.9	10.5	27.4	0.28	0.005	0.017	0.07	7.02	48.27	41.47	20.42	0.0	0.006	20.0	8.01	3.96	117.4	0.0	0.0	0.0
329 DL	5.8	10.3	24.8	0.28	0.005	0.016	0.06	6.98	48.27	41.67	20.43	0.0	0.005	18.9	7.70	4.20	117.6	0.0	0.0	0.0
330 DL	5.6	9.6	20.0	0.27	0.004	0.015	0.05	6.74	48.27	43.01	20.53	0.0	0.004	14.7	6.22	4.06	117.7	0.0	0.0	0.0
331 DL	5.6	8.8	14.0	0.25	0.004	0.014	0.04	6.16	48.28	46.45	20.78	0.0	0.003	10.7	4.97	3.15	117.9	0.0	0.0	0.0
332 DL	5.5	8.1	12.5	0.22	0.004	0.013	0.03	5.41	48.29	51.88	21.20	0.0	0.002	6.9	3.65	2.53	118.1	0.0	0.0	0.0
333 DL	5.4	7.5	12.1	0.19	0.004	0.012	0.03	4.85	48.28	56.77	21.59	0.0	0.001	3.4	2.06	3.51	118.2	0.0	0.0	0.0
334 DL	5.3	6.8	12.9	0.18	0.004	0.011	0.03	4.49	48.29	60.44	21.89	0.0	0.000	1.2	0.78	3.39	118.4	0.0	0.0	0.0
335 DL	5.1	6.4	13.8	0.17	0.004	0.010	0.04	4.26	48.29	63.00	22.11	0.0	0.000	0.2	0.12	3.84	118.5	0.0	0.0	0.0
336 DL	4.9	6.2	14.9	0.17	0.004	0.010	0.04	4.14	48.29	64.53	22.24	0.0	0.000	0.0	0.00	4.01	118.6	0.0	0.0	0.0
337 DL	4.8	6.1	15.5	0.16	0.004	0.010	0.04	4.11	48.30	64.94	22.28	0.0	0.000	0.0	1.46	4.16	118.7	0.0	0.0	0.0
338 DL	4.6	6.2	16.0	0.16	0.004	0.010	0.04	4.13	48.30	64.71	22.26	0.0	0.000	0.0	1.47	4.32	118.8	0.0	0.0	0.0
339 DL	4.5	7.1	17.0	0.17	0.004	0.011	0.04	4.15	48.29	64.39	22.23	0.0	0.000	0.0	1.48	4.53	119.0	0.0	0.0	0.0
340 DL	4.6	12.4	21.6	0.17	0.004	0.020	0.06	4.30	48.30	62.50	22.06	0.0	0.000	1.5	0.85	4.66	119.2	0.0	0.0	0.0

341 DL	5.0	24.2	31.0	0.19	0.004	0.039	0.08	4.03	48.31	56.68	21.57	0.0	0.001	4.0	2.25	6.42	119.2	0.0	0.0	0.0
342 DL	5.5	41.1	41.2	0.24	0.004	0.065	0.11	6.00	48.31	47.17	20.81	0.0	0.001	5.4	2.44	11.60	119.4	0.0	0.0	0.0
343 DL	6.1	63.0	50.4	0.31	0.005	0.100	0.13	7.69	48.31	37.93	20.13	0.0	0.002	7.1	2.52	15.47	119.5	0.0	0.0	0.0
344 DL	6.9	91.1	61.2	0.39	0.005	0.145	0.16	9.67	48.31	30.81	19.64	0.0	0.002	8.8	2.49	16.78	119.5	0.0	0.0	0.0
345 DL	8.0	119.0	82.0	0.48	0.006	0.189	0.21	12.10	48.31	25.10	19.27	0.0	0.003	10.7	2.41	16.47	119.6	0.0	0.0	0.0
346 DL	9.5	128.4	119.4	0.63	0.007	0.204	0.31	15.67	48.31	19.83	18.93	0.0	0.004	13.1	2.29	15.93	119.7	0.0	0.0	0.0
347 DL	10.4	115.8	136.7	0.79	0.008	0.184	0.36	19.76	48.29	15.96	18.71	0.0	0.005	16.4	2.30	13.54	119.7	0.0	0.0	0.0
348 DL	10.9	97.2	123.1	0.89	0.009	0.155	0.32	22.32	48.26	14.23	18.61	0.0	0.005	18.0	2.24	8.35	119.7	0.0	0.0	0.0
349 DL	11.1	79.3	102.6	0.93	0.009	0.126	0.27	23.20	48.25	13.73	18.58	0.0	0.005	19.4	2.33	5.54	119.8	0.0	0.0	0.0
350 DL	10.9	62.7	64.6	0.90	0.009	0.100	0.17	22.55	48.23	14.14	18.61	0.0	0.006	20.0	2.49	4.70	119.9	0.0	0.0	0.0
351 DL	10.1	48.9	36.8	0.80	0.008	0.078	0.10	19.90	48.22	15.96	18.72	0.0	0.006	19.8	2.79	3.14	120.1	0.0	0.0	0.0
352 DL	9.3	38.1	28.1	0.66	0.007	0.061	0.07	16.61	48.24	18.95	18.90	0.0	0.005	19.7	3.32	2.29	120.3	0.0	0.0	0.0
353 DL	8.6	30.6	27.1	0.55	0.007	0.049	0.07	13.81	48.24	22.52	19.13	0.0	0.005	19.8	4.02	2.24	120.6	0.0	0.0	0.0
354 DL	8.0	25.9	28.7	0.47	0.006	0.041	0.08	11.83	48.25	25.98	19.35	0.0	0.006	19.9	4.72	2.77	120.8	0.0	0.0	0.0
355 DL	7.6	22.9	29.8	0.42	0.006	0.036	0.08	10.61	48.26	28.66	19.53	0.0	0.006	19.9	5.26	3.52	121.0	0.0	0.0	0.0
356 DL	7.2	20.4	30.0	0.39	0.006	0.033	0.08	9.87	48.27	30.61	19.66	0.0	0.006	19.9	5.68	3.84	121.2	0.0	0.0	0.0
357 DL	7.0	18.4	29.2	0.37	0.005	0.029	0.08	9.28	48.27	32.37	19.78	0.0	0.006	19.9	6.02	4.04	121.3	0.0	0.0	0.0
358 DL	6.7	16.9	28.3	0.35	0.005	0.027	0.07	8.80	48.27	33.95	19.89	0.0	0.006	19.9	6.34	4.11	121.5	0.0	0.0	0.0
359 DL	6.6	15.6	27.6	0.34	0.005	0.025	0.07	8.44	48.27	35.24	19.98	0.0	0.006	19.9	6.62	3.65	121.7	0.0	0.0	0.0
360 DL	6.4	14.6	28.0	0.33	0.005	0.023	0.07	8.17	48.27	36.29	20.05	0.0	0.006	20.0	6.87	3.61	121.9	0.0	0.0	0.0
361 DL	6.3	14.0	28.7	0.32	0.005	0.022	0.07	7.95	48.27	37.17	20.11	0.0	0.006	20.0	7.08	4.01	122.0	0.0	0.0	0.0
362 DL	6.2	13.5	28.6	0.31	0.005	0.021	0.07	7.81	48.28	37.76	20.15	0.0	0.006	20.0	7.21	4.22	122.2	0.0	0.0	0.0
363 DL	6.1	12.9	28.7	0.31	0.005	0.021	0.08	7.73	48.28	38.14	20.18	0.0	0.006	20.1	7.30	4.12	122.3	0.0	0.0	0.0
364 DL	6.1	12.3	28.5	0.31	0.005	0.020	0.07	7.64	48.28	38.53	20.21	0.0	0.006	20.1	7.39	4.02	122.5	0.0	0.0	0.0
365 DL	6.0	11.5	27.3	0.30	0.005	0.018	0.07	7.52	48.28	39.06	20.25	0.0	0.006	20.0	7.48	3.97	122.6	0.0	0.0	0.0
366 DL	5.9	10.7	25.9	0.30	0.005	0.017	0.07	7.39	48.28	39.69	20.29	0.0	0.006	19.9	7.59	3.78	122.8	0.0	0.0	0.0
367 DL	5.8	9.9	24.8	0.29	0.005	0.016	0.06	7.20	48.29	40.59	20.36	0.0	0.006	19.9	7.77	3.42	122.9	0.0	0.0	0.0
368 DL	5.7	9.0	23.4	0.28	0.005	0.014	0.06	6.99	48.28	41.68	20.43	0.0	0.006	19.9	8.00	3.27	123.0	0.0	0.0	0.0
369 DL	5.6	8.3	21.0	0.27	0.004	0.013	0.05	6.72	48.28	43.14	20.54	0.0	0.005	18.4	7.83	3.24	123.1	0.0	0.0	0.0
370 DL	5.5	7.8	16.9	0.25	0.004	0.012	0.04	6.34	48.29	45.38	20.71	0.0	0.004	14.0	6.34	3.16	123.2	0.0	0.0	0.0
371 DL	5.6	7.2	12.5	0.23	0.004	0.011	0.03	5.75	48.30	49.29	21.00	0.0	0.003	10.1	5.04	2.32	123.4	0.0	0.0	0.0
372 DL	5.5	6.5	11.4	0.20	0.004	0.010	0.03	5.04	48.30	55.07	21.45	0.0	0.002	6.9	3.90	2.49	123.5	0.0	0.0	0.0
373 DL	5.3	6.1	11.1	0.18	0.004	0.010	0.03	4.48	48.30	60.59	21.91	0.0	0.001	3.6	2.36	2.74	123.6	0.0	0.0	0.0
374 DL	5.1	5.8	12.5	0.17	0.004	0.009	0.03	4.16	48.31	64.27	22.22	0.0	0.000	1.4	0.99	3.08	123.7	0.0	0.0	0.0
375 DL	5.0	5.7	13.9	0.16	0.004	0.009	0.04	4.02	48.31	66.06	22.37	0.0	0.000	0.3	0.24	3.88	123.7	0.0	0.0	0.0
376 DL	4.8	5.6	14.8	0.16	0.004	0.009	0.04	3.97	48.31	66.78	22.44	0.0	0.000	0.0	0.02	4.15	123.9	0.0	0.0	0.0
377 DL	4.6	5.7	15.5	0.16	0.004	0.009	0.04	3.98	48.31	66.62	22.42	0.0	0.000	0.0	1.42	4.64	124.0	0.0	0.0	0.0
378 DL	4.5	5.9	15.9	0.16	0.004	0.009	0.04	4.02	48.31	66.06	22.37	0.0	0.000	0.0	1.43	4.93	124.2	0.0	0.0	0.0
379 DL	4.4	6.9	17.2	0.16	0.003	0.011	0.04	4.08	48.32	65.31	22.31	0.0	0.000	0.0	1.45	4.95	124.2	0.0	0.0	0.0
380 DL	4.5	12.4	21.7	0.17	0.004	0.020	0.06	4.26	48.33	62.98	22.10	0.0	0.000	1.4	0.83	4.67	124.4	0.0	0.0	0.0
381 DL	4.9	24.7	30.8	0.19	0.004	0.039	0.08	4.79	48.33	57.01	21.59	0.0	0.001	4.0	2.30	6.70	124.5	0.0	0.0	0.0
382 DL	5.5	42.4	40.9	0.24	0.004	0.067	0.11	5.93	48.32	47.64	20.85	0.0	0.001	5.4	2.51	12.52	124.5	0.0	0.0	0.0
383 DL	6.1	64.9	50.4	0.30	0.005	0.103	0.13	7.59	48.32	38.34	20.16	0.0	0.002	7.1	2.58	16.14	124.6	0.0	0.0	0.0
384 DL	6.8	92.8	60.2	0.38	0.005	0.148	0.16	9.56	48.33	31.10	19.66	0.0	0.002	8.8	2.51	18.48	124.7	0.0	0.0	0.0
385 DL	7.8	120.7	76.3	0.47	0.006	0.192	0.20	11.86	48.33	25.52	19.29	0.0	0.003	10.5	2.41	17.57	124.8	0.0	0.0	0.0
386 DL	9.0	130.7	100.6	0.60	0.007	0.208	0.26	15.00	48.32	20.61	18.98	0.0	0.003	12.7	2.32	17.04	124.9	0.0	0.0	0.0
387 DL	9.8	122.2	109.7	0.74	0.008	0.195	0.29	18.42	48.31	17.03	18.77	0.0	0.004	15.6	2.34	13.69	124.9	0.0	0.0	0.0
388 DL	10.7	112.0	117.4	0.82	0.008	0.178	0.31	20.59	48.28	15.33	18.67	0.0	0.005	17.0	2.29	8.13	125.0	0.0	0.0	0.0
389 DL	11.7	98.4	123.6	0.89	0.009	0.157	0.32	22.27	48.28	14.26	18.61	0.0	0.005	19.1	2.38	7.17	125.0	0.0	0.0	0.0
390 DL	11.7	79.0	89.8	0.93	0.009	0.126	0.23	23.20	48.26	13.74	18.58	0.0	0.006	20.4	2.46	7.11	125.1	0.0	0.0	0.0
391 DL	10.9	61.4	53.2	0.86	0.009	0.098	0.14	21.58	48.24	14.75	18.64	0.0	0.006	20.5	2.67	4.39	125.1	0.0	0.0	0.0
392 DL	9.9	47.9	34.4	0.74	0.008	0.076	0.09	18.43	48.25	17.17	18.79	0.0	0.006	20.0	3.05	2.71	125.3	0.0	0.0	0.0
393 DL	9.0	37.4	26.7	0.61	0.007	0.059	0.07	15.33	48.26	20.43	18.99	0.0	0.006	20.0	3.66	2.08	125.6	0.0	0.0	0.0
394 DL	8.3	29.7	24.4	0.51	0.007	0.047	0.06	12.81	48.27	24.16	19.23	0.0	0.006	20.0	4.38	2.18	125.8	0.0	0.0	0.0
395 DL	7.8	25.0	24.5	0.44	0.006	0.040	0.06	10.94	48.27	27.90	19.48	0.0	0.006	19.9	5.11	2.53	126.0	0.0	0.0	0.0
396 DL	7.5	21.8	25.3	0.39	0.006	0.035	0.07	9.79	48.28	30.86	19.67	0.0	0.006	19.9	5.72	2.87	126.2	0.0	0.0	0.0
397 DL	7.2	19.1	25.8	0.36	0.006	0.030	0.07	9.07	48.28	33.05	19.82	0.0	0.006	19.9	6.17	3.06	126.5	0.0	0.0	0.0
398 DL	7.0	17.0	26.4	0.34	0.006	0.027	0.07	8.52	48.28	34.96	19.96	0.0	0.006	19.9	6.57	3.28	126.7	0.0	0.0	0.0
399 DL	6.8	15.6	26.6	0.32	0.005	0.025	0.07	8.09	48.28	36.58	20.07	0.0	0.006	19.9	6.93	3.44	126.8	0.0	0.0	0.0

400 DL	6.7	14.7	26.8	0.31	0.005	0.023	0.07	7.84	48.29	37.65	20.14	0.0	0.006	20.0	7.17	3.24	127.0	0.0	0.0	0.0
401 DL	6.6	13.6	26.8	0.31	0.005	0.022	0.07	7.66	48.29	38.40	20.20	0.0	0.006	20.0	7.34	3.36	127.2	0.0	0.0	0.0
402 DL	6.4	12.8	27.4	0.30	0.005	0.020	0.07	7.51	48.28	39.08	20.25	0.0	0.006	20.0	7.50	3.57	127.4	0.0	0.0	0.0
403 DL	6.3	12.3	27.8	0.30	0.005	0.020	0.07	7.40	48.29	39.59	20.28	0.0	0.006	20.1	7.63	3.64	127.5	0.0	0.0	0.0
404 DL	6.2	11.9	28.1	0.29	0.005	0.019	0.07	7.36	48.29	39.82	20.30	0.0	0.006	20.2	7.71	3.65	127.6	0.0	0.0	0.0
405 DL	6.1	11.4	28.0	0.29	0.005	0.018	0.07	7.33	48.29	39.96	20.31	0.0	0.006	20.2	7.76	3.75	127.7	0.0	0.0	0.0
406 DL	6.0	10.9	27.9	0.29	0.005	0.017	0.07	7.28	48.29	40.19	20.33	0.0	0.006	20.3	7.82	3.72	127.8	0.0	0.0	0.0
407 DL	6.0	10.4	27.2	0.29	0.005	0.017	0.07	7.22	48.29	40.48	20.35	0.0	0.006	20.2	7.87	3.61	127.9	0.0	0.0	0.0
408 DL	5.9	9.6	25.3	0.29	0.005	0.015	0.07	7.14	48.30	40.91	20.38	0.0	0.006	20.2	7.96	3.34	128.0	0.0	0.0	0.0
409 DL	5.7	8.6	21.9	0.28	0.005	0.014	0.06	6.92	48.30	42.07	20.46	0.0	0.005	19.2	7.87	3.15	128.2	0.0	0.0	0.0
410 DL	5.6	7.9	16.6	0.26	0.004	0.013	0.04	6.46	48.29	44.61	20.65	0.0	0.004	15.0	6.59	2.99	128.3	0.0	0.0	0.0
411 DL	5.6	7.6	11.5	0.23	0.004	0.012	0.03	5.77	48.29	49.16	20.99	0.0	0.003	10.0	5.00	2.17	128.4	0.0	0.0	0.0
412 DL	5.6	7.2	10.9	0.20	0.004	0.011	0.03	5.04	48.30	55.04	21.45	0.0	0.002	5.6	3.26	2.30	128.5	0.0	0.0	0.0
413 DL	5.4	6.6	9.6	0.18	0.004	0.011	0.03	4.51	48.30	60.24	21.88	0.0	0.001	2.2	1.46	4.01	128.5	0.0	0.0	0.0
414 DL	5.2	6.2	13.0	0.17	0.004	0.010	0.03	4.18	48.30	64.08	22.20	0.0	0.000	0.6	0.41	3.75	128.6	0.0	0.0	0.0
415 DL	5.0	6.0	14.0	0.16	0.004	0.010	0.04	4.01	48.31	66.15	22.38	0.0	0.000	0.1	0.04	3.71	128.7	0.0	0.0	0.0
416 DL	4.8	5.8	15.0	0.16	0.004	0.009	0.04	3.99	48.32	66.53	22.42	0.0	0.000	0.0	1.42	3.88	128.8	0.0	0.0	0.0
417 DL	4.6	5.6	15.3	0.16	0.004	0.009	0.04	3.99	48.31	66.44	22.41	0.0	0.000	0.0	1.42	4.08	128.9	0.0	0.0	0.0
418 DL	4.5	5.6	15.6	0.16	0.004	0.009	0.04	4.00	48.30	66.39	22.40	0.0	0.000	0.0	1.42	4.29	129.1	0.0	0.0	0.0
419 DL	4.4	6.6	16.8	0.16	0.003	0.010	0.04	4.02	48.32	66.04	22.37	0.0	0.000	0.0	1.43	4.30	129.2	0.0	0.0	0.0
420 DL	4.5	12.4	21.8	0.17	0.004	0.020	0.06	4.18	48.32	63.87	22.18	0.0	0.000	1.3	0.73	4.49	129.3	0.0	0.0	0.0
421 DL	4.9	25.4	32.1	0.19	0.004	0.040	0.08	4.76	48.33	57.31	21.62	0.0	0.001	4.1	2.34	6.09	129.4	0.0	0.0	0.0
422 DL	5.5	43.3	43.6	0.24	0.004	0.069	0.11	6.03	48.33	46.97	20.79	0.0	0.002	5.6	2.52	11.60	129.5	0.0	0.0	0.0
423 DL	6.2	66.2	54.1	0.31	0.005	0.105	0.14	7.79	48.33	37.49	20.10	0.0	0.002	7.4	2.60	15.81	129.6	0.0	0.0	0.0
424 DL	7.0	91.5	65.5	0.39	0.006	0.146	0.17	9.85	48.33	30.31	19.61	0.0	0.003	9.2	2.56	16.33	129.6	0.0	0.0	0.0
425 DL	8.0	103.6	77.6	0.50	0.006	0.165	0.20	12.40	48.32	24.62	19.24	0.0	0.003	11.1	2.47	16.01	129.7	0.0	0.0	0.0
426 DL	8.6	98.8	71.5	0.60	0.007	0.157	0.19	14.99	48.32	20.67	19.00	0.0	0.004	13.0	2.40	13.41	129.7	0.0	0.0	0.0
427 DL	9.0	106.1	68.1	0.64	0.007	0.169	0.18	16.08	48.29	19.32	18.91	0.0	0.004	13.8	2.38	7.00	129.9	0.0	0.0	0.0
428 DL	9.7	129.7	94.7	0.67	0.008	0.206	0.25	16.77	48.30	18.53	18.86	0.0	0.004	15.7	2.57	7.38	130.0	0.0	0.0	0.0
429 DL	10.9	137.8	135.5	0.77	0.009	0.219	0.35	19.24	48.31	16.33	18.73	0.0	0.005	18.1	2.59	12.52	130.1	0.0	0.0	0.0
430 DL	11.5	119.2	123.2	0.90	0.009	0.190	0.32	22.57	48.28	14.06	18.60	0.0	0.006	20.2	2.49	13.58	130.1	0.0	0.0	0.0
431 DL	11.1	92.7	74.6	0.93	0.009	0.147	0.20	23.13	48.24	13.76	18.58	0.0	0.006	20.8	2.52	9.18	130.2	0.0	0.0	0.0
432 DL	10.1	69.7	45.1	0.82	0.008	0.111	0.12	20.57	48.23	15.44	18.68	0.0	0.006	20.4	2.78	4.60	130.4	0.0	0.0	0.0
433 DL	9.2	52.4	32.2	0.68	0.007	0.083	0.08	17.12	48.25	18.40	18.86	0.0	0.006	20.3	3.33	2.84	130.6	0.0	0.0	0.0
434 DL	8.5	40.5	24.1	0.56	0.007	0.064	0.06	14.04	48.27	22.17	19.10	0.0	0.006	19.9	3.98	2.29	130.8	0.0	0.0	0.0
435 DL	8.0	32.5	19.4	0.47	0.006	0.052	0.05	11.65	48.26	26.33	19.37	0.0	0.005	19.8	4.77	2.08	131.0	0.0	0.0	0.0
436 DL	7.7	26.5	18.8	0.40	0.006	0.042	0.05	9.96	48.27	30.35	19.64	0.0	0.005	19.7	5.55	2.09	131.2	0.0	0.0	0.0
437 DL	7.4	21.9	20.3	0.35	0.006	0.035	0.05	8.77	48.28	34.02	19.89	0.0	0.005	19.7	6.29	2.33	131.4	0.0	0.0	0.0
438 DL	7.3	18.9	22.5	0.32	0.006	0.030	0.06	7.95	48.28	37.15	20.11	0.0	0.005	19.7	6.95	2.70	131.6	0.0	0.0	0.0
439 DL	7.1	17.1	24.4	0.30	0.006	0.027	0.06	7.49	48.28	39.14	20.25	0.0	0.005	19.7	7.38	3.05	131.8	0.0	0.0	0.0
440 DL	7.0	15.6	25.8	0.29	0.006	0.025	0.07	7.29	48.28	40.09	20.32	0.0	0.005	19.8	7.62	3.23	132.0	0.0	0.0	0.0
441 DL	6.9	14.5	26.9	0.29	0.005	0.023	0.07	7.18	48.29	40.61	20.36	0.0	0.006	19.9	7.76	3.42	132.2	0.0	0.0	0.0
442 DL	6.8	14.0	28.0	0.29	0.005	0.022	0.07	7.13	48.27	40.87	20.37	0.0	0.006	20.0	7.86	3.69	132.4	0.0	0.0	0.0
443 DL	6.7	13.6	28.6	0.29	0.005	0.022	0.07	7.15	48.28	40.81	20.37	0.0	0.006	20.0	7.87	3.92	132.5	0.0	0.0	0.0
444 DL	6.5	13.0	27.9	0.29	0.005	0.021	0.07	7.18	48.29	40.64	20.36	0.0	0.006	20.1	7.85	4.10	132.6	0.0	0.0	0.0
445 DL	6.4	11.7	25.5	0.29	0.005	0.019	0.07	7.14	48.29	40.89	20.38	0.0	0.005	19.8	7.79	3.71	132.7	0.0	0.0	0.0
446 DL	6.3	10.5	21.9	0.28	0.005	0.017	0.06	6.90	48.29	42.12	20.47	0.0	0.005	19.7	8.01	2.82	132.8	0.0	0.0	0.0
447 DL	6.3	9.8	21.1	0.26	0.005	0.016	0.06	6.56	48.29	44.01	20.60	0.0	0.005	19.7	8.45	2.46	132.9	0.0	0.0	0.0
448 DL	6.2	9.3	22.4	0.25	0.005	0.015	0.06	6.34	48.29	45.30	20.70	0.0	0.005	19.8	8.76	2.78	133.0	0.0	0.0	0.0
449 DL	6.2	8.7	21.6	0.25	0.005	0.014	0.06	6.22	48.29	46.08	20.76	0.0	0.005	18.8	8.56	3.25	133.2	0.0	0.0	0.0
450 DL	6.0	8.2	18.3	0.24	0.005	0.013	0.05	5.97	48.30	47.70	20.88	0.0	0.004	14.3	6.85	3.43	133.2	0.0	0.0	0.0
451 DL	6.0	8.0	13.0	0.22	0.005	0.013	0.03	5.49	48.30	51.23	21.15	0.0	0.003	9.4	4.94	2.62	133.3	0.0	0.0	0.0
452 DL	5.9	7.6	12.2	0.20	0.005	0.012	0.03	4.90	48.30	56.26	21.55	0.0	0.002	5.7	3.40	2.90	133.4	0.0	0.0	0.0
453 DL	5.7	7.0	12.4	0.18	0.005	0.011	0.03	4.48	48.30	60.61	21.91	0.0	0.001	2.6	1.68	3.96	133.4	0.0	0.0	0.0
454 DL	5.5	6.4	13.2	0.17	0.004	0.010	0.03	4.18	48.31	63.99	22.19	0.0	0.000	1.1	0.81	3.50	133.4	0.0	0.0	0.0
455 DL	5.3	6.0	14.2	0.16	0.004	0.010	0.04	4.00	48.30	66.32	22.40	0.0	0.000	0.1	0.12	3.77	133.4	0.0	0.0	0.0
456 DL	5.2	6.0	14.8	0.16	0.004	0.009	0.04	3.94	48.31	67.18	22.47	0.0	0.000	0.0	0.00	3.86	133.6	0.0	0.0	0.0
457 DL	5.0	5.9	15.3	0.16	0.004	0.009	0.04	3.94	48.31	67.19	22.47	0.0	0.000	0.0	1.40	4.17	133.7	0.0	0.0	0.0
458 DL	4.9	5.9	15.6	0.16	0.004	0.009	0.04	3.95	48.32	67.06	22.46	0.0	0.000	0.0	1.40	4.40	133.7	0.0	0.0	0.0

459 DL	4.8	6.5	16.5	0.16	0.004	0.010	0.04	3.96	48.32	66.86	22.44	0.0	0.000	0.0	1.41	4.54	133.9	0.0	0.0	0.0
460 DL	4.9	11.5	20.7	0.16	0.004	0.018	0.05	4.08	48.32	65.21	22.30	0.0	0.000	0.9	0.53	4.48	134.1	0.0	0.0	0.0
461 DL	5.3	24.4	30.5	0.18	0.004	0.039	0.08	4.57	48.33	59.29	21.78	0.0	0.001	4.0	2.36	5.62	134.2	0.0	0.0	0.0
462 DL	5.9	44.0	42.1	0.23	0.005	0.070	0.11	5.76	48.33	48.79	20.93	0.0	0.001	5.5	2.59	11.22	134.3	0.0	0.0	0.0
463 DL	6.6	69.3	53.3	0.30	0.005	0.110	0.14	7.57	48.33	38.42	20.16	0.0	0.002	7.3	2.63	15.42	134.3	0.0	0.0	0.0
464 DL	7.4	99.0	66.5	0.39	0.006	0.158	0.17	9.73	48.33	30.60	19.63	0.0	0.003	9.2	2.56	16.52	134.4	0.0	0.0	0.0
465 DL	8.5	118.3	88.4	0.50	0.007	0.188	0.23	12.42	48.33	24.53	19.23	0.0	0.003	11.2	2.46	16.13	134.5	0.0	0.0	0.0
466 DL	9.5	113.8	102.9	0.63	0.007	0.181	0.27	15.75	48.32	19.74	18.93	0.0	0.004	13.7	2.39	14.96	134.6	0.0	0.0	0.0
467 DL	10.1	98.9	101.1	0.74	0.008	0.157	0.26	18.52	48.30	16.97	18.77	0.0	0.004	15.8	2.36	9.71	134.6	0.0	0.0	0.0
468 DL	10.7	88.3	100.0	0.80	0.008	0.140	0.26	19.91	48.28	15.86	18.71	0.0	0.005	17.1	2.39	6.13	134.7	0.0	0.0	0.0
469 DL	11.3	78.7	101.6	0.83	0.009	0.125	0.27	20.75	48.28	15.27	18.67	0.0	0.005	18.7	2.51	5.80	134.8	0.0	0.0	0.0
470 DL	11.4	64.8	79.8	0.85	0.009	0.103	0.21	21.19	48.26	14.99	18.66	0.0	0.006	19.9	2.64	5.88	134.8	0.0	0.0	0.0
471 DL	10.9	50.9	50.5	0.80	0.009	0.081	0.13	19.96	48.24	15.90	18.72	0.0	0.006	20.2	2.85	3.92	135.0	0.0	0.0	0.0
472 DL	10.1	40.8	36.2	0.69	0.008	0.065	0.09	17.30	48.26	18.23	18.86	0.0	0.006	20.1	3.26	2.66	135.1	0.0	0.0	0.0
473 DL	9.3	33.3	31.1	0.59	0.007	0.053	0.08	14.73	48.26	21.20	19.04	0.0	0.006	20.1	3.84	2.36	135.3	0.0	0.0	0.0
474 DL	8.7	27.4	29.2	0.51	0.007	0.044	0.08	12.76	48.26	24.23	19.24	0.0	0.006	20.2	4.44	2.57	135.5	0.0	0.0	0.0
475 DL	8.2	22.9	28.6	0.45	0.006	0.036	0.07	11.23	48.27	27.26	19.43	0.0	0.006	20.2	5.06	2.86	135.8	0.0	0.0	0.0
476 DL	7.9	20.1	27.9	0.40	0.006	0.032	0.07	10.07	48.28	30.10	19.62	0.0	0.006	20.2	5.64	3.24	136.0	0.0	0.0	0.0
477 DL	7.6	18.0	26.4	0.37	0.006	0.029	0.07	9.27	48.28	32.42	19.78	0.0	0.006	20.1	6.10	3.18	136.2	0.0	0.0	0.0
478 DL	7.4	16.0	24.7	0.35	0.006	0.025	0.06	8.68	48.28	34.38	19.92	0.0	0.006	20.1	6.49	3.02	136.4	0.0	0.0	0.0
479 DL	7.3	13.9	23.7	0.33	0.006	0.022	0.06	8.15	48.28	36.36	20.05	0.0	0.006	20.0	6.90	2.94	136.6	0.0	0.0	0.0
480 DL	7.2	12.5	23.5	0.31	0.006	0.020	0.06	7.65	48.29	38.46	20.20	0.0	0.006	20.0	7.34	2.84	136.7	0.0	0.0	0.0
481 DL	7.1	11.9	23.8	0.29	0.006	0.019	0.06	7.29	48.28	40.13	20.32	0.0	0.006	19.9	7.70	2.79	136.9	0.0	0.0	0.0
482 DL	7.0	11.3	24.2	0.28	0.006	0.018	0.06	7.08	48.28	41.16	20.40	0.0	0.006	19.9	7.92	2.93	137.0	0.0	0.0	0.0
483 DL	7.0	10.6	24.8	0.28	0.005	0.017	0.06	6.95	48.28	41.82	20.44	0.0	0.006	19.9	8.06	3.04	137.1	0.0	0.0	0.0
484 DL	6.9	9.9	25.1	0.27	0.005	0.016	0.07	6.85	48.28	42.38	20.49	0.0	0.006	19.9	8.19	3.03	137.2	0.0	0.0	0.0
485 DL	6.9	9.7	25.5	0.27	0.005	0.016	0.07	6.76	48.30	42.87	20.52	0.0	0.006	20.0	8.30	3.26	137.3	0.0	0.0	0.0
486 DL	6.8	9.7	25.9	0.27	0.005	0.016	0.07	6.73	48.29	43.02	20.53	0.0	0.006	20.0	8.35	3.42	137.3	0.0	0.0	0.0
487 DL	6.8	9.6	26.2	0.27	0.005	0.015	0.07	6.75	48.28	42.94	20.53	0.0	0.006	20.1	8.36	3.54	137.5	0.0	0.0	0.0
488 DL	6.7	9.1	25.5	0.27	0.005	0.015	0.07	6.76	48.29	42.89	20.52	0.0	0.006	20.1	8.36	3.53	137.5	0.0	0.0	0.0
489 DL	6.6	8.6	22.5	0.27	0.005	0.014	0.06	6.64	48.29	43.53	20.57	0.0	0.005	18.8	8.03	3.55	137.6	0.0	0.0	0.0
490 DL	6.5	8.1	16.8	0.25	0.005	0.013	0.04	6.28	48.30	45.71	20.73	0.0	0.004	14.3	6.49	3.43	137.7	0.0	0.0	0.0
491 DL	6.5	7.8	11.9	0.23	0.005	0.012	0.03	5.65	48.30	50.04	21.06	0.0	0.003	10.0	5.05	2.39	137.8	0.0	0.0	0.0
492 DL	6.4	7.3	11.5	0.20	0.005	0.012	0.03	4.98	48.30	55.55	21.49	0.0	0.002	6.4	3.71	2.70	137.9	0.0	0.0	0.0
493 DL	6.2	6.7	11.5	0.18	0.005	0.011	0.03	4.48	48.30	60.59	21.91	0.0	0.001	3.1	2.04	3.25	137.9	0.0	0.0	0.0
494 DL	6.1	6.1	12.5	0.16	0.005	0.010	0.03	4.11	48.30	64.91	22.27	0.0	0.000	1.3	0.89	3.27	138.0	0.0	0.0	0.0
495 DL	5.9	5.8	13.6	0.16	0.005	0.009	0.04	3.91	48.31	67.50	22.50	0.0	0.000	0.3	0.24	3.75	138.1	0.0	0.0	0.0
496 DL	5.7	5.7	14.4	0.15	0.005	0.009	0.04	3.86	48.30	68.25	22.57	0.0	0.000	0.0	0.01	3.83	138.2	0.0	0.0	0.0
497 DL	5.6	5.8	15.2	0.15	0.004	0.009	0.04	3.88	48.31	67.97	22.54	0.0	0.000	0.0	1.38	4.23	138.3	0.0	0.0	0.0
498 DL	5.4	5.9	15.8	0.16	0.004	0.009	0.04	3.92	48.31	67.37	22.49	0.0	0.000	0.0	1.40	4.40	138.4	0.0	0.0	0.0
499 DL	5.4	6.7	16.6	0.16	0.004	0.011	0.04	3.96	48.32	66.83	22.44	0.0	0.000	0.0	1.41	4.54	138.5	0.0	0.0	0.0
500 DL	5.4	12.0	21.2	0.16	0.004	0.019	0.06	4.11	48.32	64.77	22.26	0.0	0.000	1.3	0.76	4.55	138.6	0.0	0.0	0.0
501 DL	5.9	24.3	30.9	0.18	0.005	0.039	0.08	4.62	48.33	58.74	21.73	0.0	0.001	4.0	2.37	5.93	138.7	0.0	0.0	0.0
502 DL	6.5	42.7	41.8	0.23	0.005	0.068	0.11	5.72	48.32	49.00	20.95	0.0	0.002	5.5	2.64	11.81	138.8	0.0	0.0	0.0
503 DL	7.1	67.8	52.5	0.30	0.006	0.108	0.14	7.41	48.32	39.13	20.22	0.0	0.002	7.3	2.70	15.57	138.9	0.0	0.0	0.0
504 DL	7.9	97.3	49.7	0.38	0.006	0.155	0.13	9.63	48.33	30.90	19.64	0.0	0.002	9.1	2.57	17.00	138.9	0.0	0.0	0.0
505 DL	9.0	119.7	80.4	0.49	0.007	0.191	0.21	12.27	48.32	24.78	19.25	0.0	0.003	10.9	2.43	16.30	139.0	0.0	0.0	0.0
506 DL	10.2	121.2	98.0	0.61	0.008	0.193	0.26	15.28	48.32	20.26	18.97	0.0	0.004	13.3	2.38	15.82	139.1	0.0	0.0	0.0
507 DL	10.8	110.5	100.9	0.71	0.009	0.176	0.26	17.82	48.29	17.56	18.81	0.0	0.004	15.6	2.42	12.09	139.1	0.0	0.0	0.0
508 DL	11.4	101.7	100.8	0.78	0.009	0.162	0.26	19.42	48.28	16.22	18.73	0.0	0.005	17.0	2.42	7.79	139.1	0.0	0.0	0.0
509 DL	12.0	93.0	101.9	0.83	0.009	0.148	0.27	20.69	48.28	15.29	18.67	0.0	0.005	18.5	2.49	7.22	139.1	0.0	0.0	0.0
510 DL	12.2	78.9	84.4	0.86	0.010	0.126	0.22	21.54	48.27	14.74	18.64	0.0	0.006	19.8	2.57	7.08	139.1	0.0	0.0	0.0
511 DL	11.7	63.1	56.3	0.83	0.009	0.100	0.15	20.68	48.24	15.34	18.68	0.0	0.006	20.3	2.74	4.79	139.3	0.0	0.0	0.0
512 DL	10.9	49.1	40.2	0.73	0.009	0.078	0.11	18.34	48.25	17.24	18.80	0.0	0.006	20.2	3.10	3.10	139.5	0.0	0.0	0.0
513 DL	10.0	37.9	32.5	0.62	0.008	0.060	0.09	15.60	48.25	20.09	18.97	0.0	0.006	20.2	3.64	2.42	139.7	0.0	0.0	0.0
514 DL	9.3	30.2	28.5	0.53	0.007	0.048	0.07	13.16	48.25	23.54	19.19	0.0	0.006	20.2	4.30	2.42	139.9	0.0	0.0	0.0
515 DL	8.7	25.3	26.0	0.45	0.007	0.040	0.07	11.33	48.27	27.02	19.42	0.0	0.006	20.1	4.98	2.57	140.1	0.0	0.0	0.0
516 DL	8.3	21.6	24.3	0.40	0.007	0.034	0.06	10.07	48.27	30.05	19.62	0.0	0.006	20.0	5.58	2.64	140.3	0.0	0.0	0.0
517 DL	8.0	18.3	23.1	0.37	0.006	0.029	0.06	9.17	48.27	32.71	19.80	0.0	0.006	19.9	6.11	2.60	140.5	0.0	0.0	0.0

518 DL	7.8	15.6	22.4	0.34	0.006	0.025	0.06	8.40	48.26	35.39	19.99	0.0	0.006	19.9	6.65	3.55	140.7	0.0	0.0	0.0
519 DL	7.7	13.8	22.7	0.31	0.006	0.022	0.06	7.75	48.27	38.01	20.17	0.0	0.006	19.9	7.21	3.68	140.9	0.0	0.0	0.0
520 DL	7.5	12.8	23.2	0.29	0.006	0.020	0.06	7.30	48.28	40.06	20.32	0.0	0.006	19.8	7.63	2.77	141.0	0.0	0.0	0.0
521 DL	7.4	12.2	24.0	0.28	0.006	0.019	0.06	7.07	48.27	41.20	20.40	0.0	0.006	19.9	7.89	2.92	141.1	0.0	0.0	0.0
522 DL	7.3	11.7	24.8	0.28	0.006	0.019	0.06	6.96	48.28	41.77	20.44	0.0	0.006	19.9	8.04	3.08	141.3	0.0	0.0	0.0
523 DL	7.2	11.2	25.8	0.28	0.006	0.018	0.07	6.90	48.28	42.10	20.46	0.0	0.006	20.0	8.14	3.38	141.4	0.0	0.0	0.0
524 DL	7.2	10.8	26.5	0.27	0.006	0.017	0.07	6.85	48.28	42.33	20.48	0.0	0.006	20.0	8.20	3.51	141.5	0.0	0.0	0.0
525 DL	7.1	10.6	26.7	0.27	0.006	0.017	0.07	6.84	48.28	42.42	20.49	0.0	0.006	20.1	8.24	3.53	141.7	0.0	0.0	0.0
526 DL	7.0	10.5	26.7	0.27	0.006	0.017	0.07	6.84	48.28	42.43	20.49	0.0	0.006	20.1	8.26	3.47	141.7	0.0	0.0	0.0
527 DL	6.9	10.1	26.3	0.27	0.005	0.016	0.07	6.84	48.29	42.42	20.49	0.0	0.006	20.1	8.26	3.54	141.8	0.0	0.0	0.0
528 DL	6.8	9.3	24.6	0.27	0.005	0.015	0.06	6.80	48.29	42.68	20.51	0.0	0.006	20.0	8.29	3.34	141.9	0.0	0.0	0.0
529 DL	6.7	8.4	21.2	0.26	0.005	0.013	0.06	6.61	48.29	43.74	20.59	0.0	0.005	18.9	8.10	3.03	142.0	0.0	0.0	0.0
530 DL	6.6	7.6	15.9	0.25	0.005	0.012	0.04	6.18	48.29	46.37	20.78	0.0	0.004	14.6	6.73	2.84	142.1	0.0	0.0	0.0
531 DL	6.6	7.3	10.7	0.22	0.005	0.012	0.03	5.50	48.30	51.21	21.15	0.0	0.003	10.1	5.27	2.03	142.1	0.0	0.0	0.0
532 DL	6.5	7.1	10.4	0.19	0.005	0.011	0.03	4.77	48.30	57.56	21.65	0.0	0.002	6.2	3.77	2.47	142.2	0.0	0.0	0.0
533 DL	6.3	6.7	10.8	0.17	0.005	0.011	0.03	4.29	48.29	62.74	22.09	0.0	0.001	2.8	1.93	3.44	142.2	0.0	0.0	0.0
534 DL	6.1	6.2	12.2	0.16	0.005	0.010	0.03	3.99	48.30	66.41	22.40	0.0	0.000	0.9	0.68	3.31	142.3	0.0	0.0	0.0
535 DL	5.9	5.8	13.5	0.15	0.005	0.009	0.04	3.83	48.31	68.60	22.60	0.0	0.000	0.0	0.06	3.73	142.3	0.0	0.0	0.0
536 DL	5.8	5.7	14.6	0.15	0.005	0.009	0.04	3.78	48.30	69.32	22.66	0.0	0.000	0.0	1.35	3.79	142.5	0.0	0.0	0.0
537 DL	5.6	5.7	15.2	0.15	0.004	0.009	0.04	3.81	48.31	68.96	22.63	0.0	0.000	0.0	1.36	3.95	142.6	0.0	0.0	0.0
538 DL	5.5	5.8	15.8	0.15	0.004	0.009	0.04	3.86	48.31	68.25	22.57	0.0	0.000	0.0	1.37	4.07	142.7	0.0	0.0	0.0
539 DL	5.4	6.7	16.9	0.16	0.004	0.011	0.04	3.91	48.31	67.50	22.50	0.0	0.000	0.0	1.39	4.22	142.8	0.0	0.0	0.0
540 DL	5.5	13.0	16.7	0.16	0.004	0.021	0.04	4.08	48.32	65.10	22.28	0.0	0.000	1.2	0.72	4.14	142.9	0.0	0.0	0.0
541 DL	6.1	27.5	32.5	0.19	0.005	0.044	0.09	4.67	48.32	58.16	21.68	0.0	0.001	4.2	2.47	5.85	143.0	0.0	0.0	0.0
542 DL	6.8	49.8	44.6	0.24	0.005	0.079	0.12	5.90	48.31	47.68	20.84	0.0	0.002	5.9	2.70	12.51	143.0	0.0	0.0	0.0
543 DL	7.5	79.2	56.3	0.31	0.006	0.126	0.15	7.71	48.31	37.68	20.11	0.0	0.002	7.8	2.74	17.38	143.1	0.0	0.0	0.0
544 DL	8.5	105.2	69.6	0.40	0.007	0.167	0.18	10.10	48.32	29.58	19.56	0.0	0.003	9.7	2.61	17.38	143.1	0.0	0.0	0.0
545 DL	9.3	108.1	74.4	0.52	0.007	0.172	0.19	13.01	48.31	23.53	19.17	0.0	0.003	11.7	2.47	16.27	143.1	0.0	0.0	0.0
546 DL	9.6	96.5	58.9	0.60	0.008	0.154	0.15	14.96	48.29	20.68	19.00	0.0	0.004	13.1	2.42	11.26	143.2	0.0	0.0	0.0
547 DL	9.9	99.9	59.8	0.60	0.008	0.159	0.16	15.07	48.28	20.52	18.99	0.0	0.004	13.7	2.52	5.67	143.2	0.0	0.0	0.0
548 DL	10.6	121.3	84.2	0.61	0.008	0.193	0.22	15.36	48.30	20.12	18.96	0.0	0.004	15.4	2.77	7.56	143.2	0.0	0.0	0.0
549 DL	11.7	132.0	119.4	0.70	0.009	0.210	0.31	17.41	48.30	17.92	18.82	0.0	0.005	17.6	2.77	12.39	143.2	0.0	0.0	0.0
550 DL	12.3	117.2	109.7	0.82	0.010	0.187	0.29	20.42	48.28	15.45	18.68	0.0	0.005	19.8	2.69	13.72	143.4	0.0	0.0	0.0
551 DL	11.8	92.8	70.1	0.85	0.009	0.148	0.18	21.13	48.23	14.98	18.65	0.0	0.006	20.3	2.68	8.91	143.5	0.0	0.0	0.0
552 DL	10.9	70.9	44.9	0.76	0.009	0.113	0.12	19.09	48.24	16.55	18.75	0.0	0.006	20.0	2.94	4.46	143.7	0.0	0.0	0.0
553 DL	9.9	53.8	32.9	0.65	0.008	0.086	0.09	16.19	48.25	19.37	18.93	0.0	0.006	20.1	3.47	2.75	143.9	0.0	0.0	0.0
554 DL	9.1	41.8	28.8	0.54	0.007	0.067	0.08	13.54	48.26	22.90	19.15	0.0	0.006	20.1	4.17	2.52	144.1	0.0	0.0	0.0
555 DL	8.5	34.2	27.7	0.46	0.007	0.054	0.07	11.56	48.27	26.48	19.38	0.0	0.006	20.2	4.89	2.75	144.3	0.0	0.0	0.0
556 DL	8.1	28.7	26.8	0.41	0.006	0.046	0.07	10.28	48.27	29.47	19.58	0.0	0.006	20.2	5.49	2.88	144.5	0.0	0.0	0.0
557 DL	7.8	23.9	24.6	0.37	0.006	0.038	0.06	9.37	48.26	32.05	19.75	0.0	0.006	20.0	6.00	2.77	144.6	0.0	0.0	0.0
558 DL	7.5	20.1	23.1	0.34	0.006	0.032	0.06	8.58	48.27	34.70	19.94	0.0	0.006	20.0	6.53	2.66	144.7	0.0	0.0	0.0
559 DL	7.4	17.5	22.8	0.32	0.006	0.028	0.06	7.90	48.28	37.35	20.12	0.0	0.006	19.9	7.08	2.60	144.9	0.0	0.0	0.0
560 DL	7.3	15.7	22.9	0.30	0.006	0.025	0.06	7.42	48.27	39.44	20.27	0.0	0.006	19.9	7.53	2.60	145.0	0.0	0.0	0.0
561 DL	7.1	14.1	23.2	0.28	0.006	0.022	0.06	7.13	48.27	40.88	20.37	0.0	0.006	19.9	7.84	2.68	145.2	0.0	0.0	0.0
562 DL	7.0	12.6	23.6	0.28	0.006	0.020	0.06	6.91	48.29	42.01	20.46	0.0	0.006	19.9	8.09	2.85	145.3	0.0	0.0	0.0
563 DL	6.9	11.7	24.1	0.27	0.005	0.019	0.06	6.72	48.29	43.04	20.53	0.0	0.006	19.9	8.32	2.94	145.4	0.0	0.0	0.0
564 DL	6.8	11.3	24.8	0.26	0.005	0.018	0.06	6.61	48.28	43.67	20.58	0.0	0.006	20.0	8.49	3.06	145.5	0.0	0.0	0.0
565 DL	6.8	10.8	25.3	0.26	0.005	0.017	0.07	6.58	48.28	43.86	20.59	0.0	0.006	20.0	8.54	3.23	145.6	0.0	0.0	0.0
566 DL	6.7	10.5	26.1	0.26	0.005	0.017	0.07	6.59	48.28	43.82	20.59	0.0	0.006	20.1	8.57	3.28	145.8	0.0	0.0	0.0
567 DL	6.6	10.3	26.9	0.26	0.005	0.016	0.07	6.61	48.28	43.72	20.58	0.0	0.006	20.2	8.58	3.47	145.8	0.0	0.0	0.0
568 DL	6.5	10.0	26.1	0.27	0.005	0.016	0.07	6.63	48.28	43.56	20.57	0.0	0.006	20.2	8.57	3.61	145.9	0.0	0.0	0.0
569 DL	6.4	9.6	23.3	0.26	0.005	0.015	0.06	6.58	48.28	43.85	20.59	0.0	0.005	18.8	8.11	3.70	146.0	0.0	0.0	0.0
570 DL	6.3	9.0	17.4	0.25	0.005	0.014	0.05	6.30	48.28	45.57	20.72	0.0	0.004	14.9	6.70	3.54	146.0	0.0	0.0	0.0
571 DL	6.2	8.5	11.9	0.23	0.005	0.014	0.03	5.64	48.29	50.11	21.06	0.0	0.003	10.6	5.38	2.56	146.2	0.0	0.0	0.0
572 DL	6.1	8.0	11.6	0.19	0.005	0.013	0.03	4.85	48.29	56.76	21.59	0.0	0.002	7.0	4.13	2.55	146.2	0.0	0.0	0.0
573 DL	6.0	7.4	11.7	0.17	0.005	0.012	0.03	4.35	48.29	62.02	22.03	0.0	0.001	3.6	2.40	3.89	146.3	0.0	0.0	0.0
574 DL	5.8	6.8	12.4	0.16	0.005	0.011	0.03	4.08	48.30	65.30	22.31	0.0	0.000	1.5	1.11	3.35	146.4	0.0	0.0	0.0
575 DL	5.6	6.3	13.6	0.16	0.004	0.010	0.04	3.93	48.30	67.24	22.48	0.0	0.000	0.2	0.20	3.62	146.4	0.0	0.0	0.0
576 DL	5.5	6.0	14.6	0.15	0.004	0.010	0.04	3.85	48.31	68.36	22.58	0.0	0.000	0.0	0.01	3.65	146.5	0.0	0.0	0.0

577 DL	5.3	5.9	15.5	0.15	0.004	0.009	0.04	3.83	48.30	68.59	22.60	0.0	0.000	0.0	1.36	3.01	146.7	0.0	0.0	0.0
578 DL	5.2	5.8	15.7	0.15	0.004	0.009	0.04	3.86	48.31	68.18	22.56	0.0	0.000	0.0	1.38	4.21	146.8	0.0	0.0	0.0
579 DL	5.1	5.7	15.8	0.16	0.004	0.009	0.04	3.88	48.31	67.88	22.53	0.0	0.000	0.0	1.38	4.36	146.9	0.0	0.0	0.0

Test #: 1069 Cold Start CBD

Date: 5/12/94

Test cycle results

CO (g/mi) =	2.32
CO2 (g/mi) =	138.78
NOx (g/mi) =	4.51

Time	CO (ppm)	CO2 (%)	NOx (ppm)	FT INL1	FT INL2	Temp (F)	Eng. RPM	Inlet mass flow (scfm)	Exhaust mass flow (scfm)	Speed (mph)	CO cum (g)	NOx cum (g)	CO2 cum (g)	miles
06:32:10	3.79	0.05	1.47	26.86	24.42	75.37	394.07							
06:32:11	3.79	0.07	1.47	32.97	21.98	75.37	667.12							
06:32:12	3.79	0.07	1.47	36.63	21.98	75.13	664.07							
06:32:13	3.79	0.07	1.47	36.63	21.98	75.13	664.07	3.5048	3.5074	0.1131	0.0000	0.0000	0.0001	0.0000
06:32:14	3.79	0.07	0.98	41.51	23.20	75.13	663.05	4.3014	4.3053	0.1131	0.0000	0.0000	0.0001	0.0001
06:32:15	3.79	0.07	1.47	43.96	24.42	75.13	663.05	4.7793	4.7836	0.1131	0.0000	0.0000	0.0002	0.0001
06:32:16	3.79	0.08	0.98	47.62	25.64	75.13	657.97	4.7793	4.7836	0.1131	0.0000	0.0000	0.0002	0.0001
06:32:17	-0.73	0.08	0.98	48.84	26.86	75.13	657.97	5.4165	5.4214	0.1131	0.0000	0.0000	0.0003	0.0002
06:32:18	-0.73	0.08	0.98	48.84	26.86	75.13	657.97	5.7352	5.7403	0.1131	0.0001	0.0000	0.0004	0.0002
06:32:19	-0.73	0.07	1.47	56.17	28.08	74.88	655.42	6.2131	6.2197	0.1131	0.0001	0.0000	0.0005	0.0002
06:32:20	-0.73	0.07	1.95	57.39	28.08	74.88	602.03	6.3724	6.3791	0.1131	0.0001	0.0000	0.0005	0.0003
06:32:21	-0.73	0.07	1.47	61.05	29.30	75.13	598.98	6.3724	6.3791	0.1131	0.0001	0.0001	0.0006	0.0003
06:32:22	-0.73	0.07	1.95	62.27	30.53	75.13	598.98	7.3283	7.3352	0.1131	0.0001	0.0001	0.0007	0.0003
06:32:23	-0.73	0.07	1.47	63.49	30.53	74.88	602.54	7.4876	7.4947	0.1131	0.0001	0.0001	0.0007	0.0003
06:32:24	-0.73	0.07	1.47	64.71	31.75	74.88	602.54	7.9655	7.9731	0.1131	0.0001	0.0001	0.0008	0.0004
06:32:25	-0.73	0.07	1.95	67.16	32.97	74.88	606.10	8.1248	8.1325	0.1131	0.0001	0.0001	0.0009	0.0004
06:32:26	-0.73	0.07	1.47	67.16	32.97	74.88	606.10	8.2841	8.2920	0.1131	0.0001	0.0001	0.0009	0.0004
06:32:27	-4.76	0.07	1.47	72.04	32.97	74.64	603.56	8.4434	8.4514	0.1131	0.0000	0.0001	0.0010	0.0005
06:32:28	-4.76	0.07	0.98	73.26	34.19	74.64	603.56	8.7621	8.7704	0.1131	0.0000	0.0001	0.0011	0.0005
06:32:29	-4.76	0.07	1.47	75.70	34.19	74.64	605.59	8.7621	8.7704	0.1131	0.0000	0.0001	0.0012	0.0005
06:32:30	-4.76	0.07	1.47	75.70	35.41	74.64	606.61	9.3993	9.4081	0.1131	0.0000	0.0002	0.0012	0.0006
06:32:31	-4.76	0.07	1.95	76.92	37.85	74.64	763.22	9.5586	9.5676	0.1131	0.0000	0.0002	0.0013	0.0006
06:32:32	-4.76	0.07	1.47	83.03	41.51	74.64	793.73	9.8772	9.8865	0.1131	0.0000	0.0002	0.0014	0.0006
06:32:33	-4.76	0.09	22.95	86.69	45.18	74.64	807.46	9.8772	9.8865	0.1131	-0.0001	0.0002	0.0014	0.0007
06:32:34	-4.76	0.09	22.95	86.69	45.18	74.64	807.46	10.0365	10.0460	1.5831	-0.0001	0.0002	0.0024	0.0011
06:32:35	-4.76	0.16	22.95	96.46	53.72	74.64	853.22	10.8331	10.8433	2.3747	-0.0001	0.0002	0.0038	0.0018
06:32:36	-4.76	0.21	22.95	96.46	53.72	74.64	853.22	11.3110	11.3246	2.9401	-0.0001	0.0005	0.0061	0.0026
06:32:37	23.08	0.29	23.44	102.56	62.27	74.64	902.54	11.3110	11.3246	2.9401	-0.0002	0.0007	0.0084	0.0034
06:32:38	23.08	0.36	23.44	107.45	64.71	74.64	925.42	12.5855	12.6119	3.8447	-0.0002	0.0010	0.0135	0.0045
06:32:39	23.08	0.48	22.95	107.45	64.71	74.64	925.42	12.5855	12.6206	3.8447	-0.0002	0.0012	0.0204	0.0055
06:32:40	23.08	0.59	23.44	125.76	70.82	74.64	994.07	13.3820	13.4349	4.7494	-0.0001	0.0015	0.0322	0.0068
06:32:41	23.08	0.59	23.44	125.76	70.82	74.64	994.07	14.0193	14.0887	5.2017	0.0001	0.0018	0.0484	0.0083
06:32:42	23.08	0.68	23.44	135.53	74.48	74.64	1025.09	14.0193	14.1117	5.2017	0.0003	0.0021	0.0701	0.0097
06:32:43	23.08	0.94	45.42	162.39	80.59	74.40	1125.26	16.4089	16.5406	6.2194	0.0005	0.0024	0.1016	0.0115
06:32:44	23.08	0.94	45.42	162.39	80.59	74.40	1125.26	16.4089	16.5406	6.2194	0.0007	0.0028	0.1332	0.0132
06:32:45	23.08	1.22	44.93	179.49	84.25	74.64	1177.63	17.6834	17.8478	6.6718	0.0009	0.0032	0.1724	0.0150
06:32:46	23.08	1.33	44.93	239.32	89.13	74.64	1272.71	21.1882	21.4595	7.5764	0.0012	0.0040	0.2337	0.0172
06:32:47	23.08	1.33	44.93	239.32	95.24	74.40	1346.44	21.1882	21.4595	7.5764	0.0015	0.0049	0.2950	0.0193
06:32:48	65.32	1.44	45.42	293.04	105.01	74.64	1429.32	23.4186	23.8069	8.0287	0.0018	0.0059	0.3792	0.0215
06:32:49	65.32	1.62	44.93	426.13	131.87	74.64	1580.85	31.2248	31.7908	8.7072	0.0022	0.0072	0.4789	0.0239
06:32:50	65.20	1.91	45.42	921.86	247.86	74.64	1654.58	31.2248	31.7908	9.4988	0.0026	0.0084	0.5877	0.0265
06:32:51	65.32	2.03	44.93	921.86	247.86	74.64	1654.58	38.2344	38.9877	9.9511	0.0040	0.0100	0.7110	0.0293
06:32:52	65.32	2.18	45.42	1554.33	488.40	74.40	1763.90	55.5992	56.8343	11.3081	0.0060	0.0123	0.8690	0.0324
06:32:53	65.32	2.42	172.89	1879.12	655.68	74.64	1682.04	120.2791	123.4213	15.8313	0.0104	0.0174	1.1290	0.0368
06:32:54	65.32	2.55	172.89	1855.92	655.68	74.64	1682.04	120.2791	123.6279	15.8313	0.0148	0.0224	1.4061	0.0412
06:32:55	65.32	2.69	172.89	1855.92	705.74	74.64	1095.76	202.8017	208.8513	17.7537	0.0223	0.0309	1.7388	0.0462
06:32:56	65.32	2.69	172.89	1341.88	565.32	74.64	981.86	245.1782	253.3100	21.0330	0.0314	0.0703	2.1768	0.0520
06:32:57	148.35	3.04	172.89	511.60	289.38	74.88	960.51	242.1513	250.6267	21.0330	0.0403	0.1093	2.6388	0.0579
06:32:58	148.35	3.24	172.41	329.67	212.45	74.64	937.12	242.1513	251.0711	22.3900	0.0493	0.1483	3.1562	0.0641
06:32:59	148.23	3.36	172.89	329.67	212.45	74.64	937.12	175.0818	181.5311	21.3723	0.0558	0.1765	3.6501	0.0700
06:33:00	148.23	3.36	172.89	268.62	179.49	74.40	927.97	66.7509	69.5454	21.0330	0.0614	0.1873	4.1997	0.0759
06:33:01	148.35	3.67	172.89	230.77	153.85	74.64	777.97	43.0137	44.9381	20.3545	0.0651	0.1943	4.7678	0.0815
06:33:02	148.35	3.78	172.89	157.51	103.79	74.64	692.03	43.0137	45.0059	20.3545	0.0687	0.2013	5.3558	0.0872
06:33:03	148.35	3.93	172.89	157.51	103.79	74.64	682.88	35.0482	36.6715	20.2415	0.0717	0.2070	5.9405	0.0928
06:33:04	148.35	3.93	303.79	139.19	95.24	74.64	647.29	30.1096	31.6336	16.7360	0.0743	0.2119	6.4683	0.0974
06:33:05	148.35	4.21	303.79	112.33	86.69	74.64	635.59	20.5510	21.6237	8.8203	0.0760	0.2153	6.7551	0.0999
06:33:06	148.35	4.37	303.79	105.01	78.14	74.64	622.88	20.5510	21.6675	8.8203	0.0778	0.2187	7.0534	0.1023
06:33:07	254.82	4.50	303.79	105.01	78.14	74.64	622.88	18.1614	19.1480	5.8802	0.0794	0.2239	7.2523	0.1040
06:33:08	254.82	4.50	303.79	102.56	76.92	74.64	621.86	14.6565	15.5089	1.8093	0.0806	0.2281	7.3177	0.1045

1 K1	1	unitless	for flow calc	
2 K2	1	unitless	for NOx calc (expt deriv.)	K2=1/(1-0.0047*(H-75))
3 CO density	32.85	gm/ft^3	T=70 F, P=760 mmHG	H=grains of water/lbm dry air
4 NOx density	53.96	gm/ft^3	T=70 F, P=760 mmHG	
5 Rhc	1.8	unitless	Diesel #2	
6 Ywi	0.03	unitless	for humidity comp. (from chart)	
7 gear ratio	3.58	unitless		
8 axle rev	16	pulses		
9 tire	114	inches		
10 interval	1	seconds		
11 CO2 density	51.61	gm/ft^3	T=70 F, P=760 mmHG	
12 FF1	0.5			
13 FF2	0			

06:33:09	254.82	4.78	303.79	101.34	74.48	74.64	620.85	13.7007	14.5297	0.1131	0.0818	0.2321	7.3220	0.1045
06:33:10	254.94	4.89	303.79	100.12	73.26	74.64	620.85	13.7007	14.5566	0.1131	0.0838	0.2361	7.3263	0.1045
06:33:11	254.94	4.89	303.79	100.12	73.26	74.64	622.37	13.3820	14.2181	0.1131	0.0858	0.2400	7.3307	0.1046
06:33:12	254.82	5.14	303.30	100.12	70.82	74.64	829.32	13.2227	14.1012	0.1131	0.0878	0.2438	7.3354	0.1046
06:33:13	254.82	5.14	303.79	102.56	74.48	74.64	887.80	13.0634	13.9515	0.1131	0.0897	0.2476	7.3401	0.1046
06:33:14	254.82	5.23	385.84	109.89	75.70	74.64	927.97	13.0634	13.9515	0.1131	0.0917	0.2514	7.3449	0.1047
06:33:15	254.82	5.46	385.35	144.08	84.25	74.64	1040.85	13.0634	13.9977	1.9224	0.0936	0.2552	7.4299	0.1052
06:33:16	254.82	5.46	385.35	144.08	84.25	74.64	1040.85	13.3820	14.3390	3.2793	0.0956	0.2592	7.5748	0.1061
06:33:17	361.17	5.66	386.32	184.37	90.35	74.64	1191.36	14.3379	15.3815	3.9578	0.0978	0.2645	7.7528	0.1072
06:33:18	361.17	5.72	386.32	203.91	96.46	74.64	1191.36	18.7986	20.2293	5.9933	0.1006	0.2715	8.0344	0.1089
06:33:19	361.17	5.72	386.32	203.91	96.46	74.64	1267.12	18.7986	20.2293	5.9933	0.1034	0.2785	8.3160	0.1105
06:33:20	361.17	5.85	386.32	233.21	108.67	74.64	1409.49	24.0558	25.9584	7.8026	0.1086	0.2875	8.6958	0.1127
06:33:21	361.17	5.85	386.32	338.22	135.53	74.64	1518.81	26.6048	28.7341	7.8026	0.1142	0.2975	9.0800	0.1149
06:33:22	361.17	5.93	385.84	796.09	230.77	74.88	1652.54	26.6048	28.7341	8.4811	0.1199	0.3075	9.4976	0.1172
06:33:23	361.17	5.93	468.38	1081.81	313.80	74.64	1652.54	30.4282	32.9160	9.3857	0.1264	0.3189	9.9695	0.1198
06:33:24	361.17	5.93	468.38	1081.81	313.80	74.64	1750.17	44.1289	47.7369	10.8558	0.1359	0.3355	10.5153	0.1228
06:33:25	361.05	5.91	468.38	1956.04	721.61	74.88	1832.54	103.8702	112.4898	15.1528	0.1581	0.3746	11.2884	0.1271
06:33:26	361.05	5.91	468.38	1956.04	721.61	74.88	1832.54	141.1488	152.8619	15.1528	0.1883	0.4390	12.0615	0.1313
06:33:27	361.05	5.88	468.38	1959.71	757.02	74.64	1087.63	141.1488	152.8619	17.0752	0.2186	0.5033	12.9327	0.1360
06:33:28	402.32	5.83	468.38	1399.27	598.29	74.88	957.46	255.2147	276.3083	21.5984	0.2732	0.6197	14.0302	0.1420
06:33:29	402.20	5.71	467.89	437.12	261.29	74.88	963.56	255.2147	276.3083	21.5984	0.3278	0.7361	15.1278	0.1480
06:33:30	402.20	5.71	467.89	437.12	261.29	74.88	949.32	255.6926	276.7403	21.6246	0.3825	0.8527	16.2325	0.1541
06:33:31	402.32	5.67	468.38	334.55	216.12	74.88	940.68	182.5694	197.4604	20.4676	0.4260	0.9359	17.2582	0.1598
06:33:32	402.32	5.62	468.38	274.73	184.37	74.88	937.12	57.0330	61.5929	21.0330	0.4396	0.9618	18.2917	0.1656
06:33:33	402.44	5.53	468.38	225.89	151.40	74.88	930.00	57.0330	61.5929	20.6938	0.4531	0.9877	19.3086	0.1713
06:33:34	402.44	5.53	468.38	225.89	151.40	74.88	930.00	43.6510	47.1167	20.5807	0.4635	1.0075	20.3130	0.1771
06:33:35	402.32	5.41	427.35	184.37	123.32	74.88	923.90	35.8448	38.6608	20.4676	0.4720	1.0238	21.3015	0.1828
06:33:36	402.32	5.31	427.35	168.50	102.56	74.64	923.90	29.4724	31.7535	20.3545	0.4790	1.0372	22.2703	0.1884
06:33:37	441.64	5.31	427.35	168.50	102.56	74.64	923.90	29.4724	31.7535	20.3545	0.4860	1.0506	23.2390	0.1941
06:33:38	441.64	5.27	427.35	163.61	98.90	74.88	923.90	24.0558	25.8763	20.2415	0.4917	1.0605	24.1813	0.1997
06:33:39	441.64	5.24	428.33	158.73	95.24	74.88	923.90	21.9848	23.6169	20.1284	0.4969	1.0696	25.1008	0.2053
06:33:40	441.64	5.23	427.84	157.51	92.80	74.88	926.44	21.9848	23.6186	20.1284	0.5026	1.0787	26.0202	0.2109
06:33:41	441.64	5.21	427.84	153.85	92.80	74.88	743.39	21.3476	22.9210	20.2415	0.5082	1.0875	26.9373	0.2165
06:33:42	441.64	5.21	427.35	142.86	90.35	74.88	845.76	20.7103	22.2288	20.1284	0.5135	1.0961	27.8446	0.2221
06:33:43	441.76	5.23	427.35	125.76	86.69	74.88	879.83	20.5510	22.0544	20.3545	0.5189	1.1045	28.7600	0.2277
06:33:44	441.76	5.30	387.79	111.11	81.81	74.88	658.98	20.0731	21.5370	16.1706	0.5241	1.1128	29.4851	0.2322
06:33:45	441.64	5.30	387.79	111.11	81.81	74.88	658.98	18.6393	19.9987	12.5520	0.5289	1.1205	30.0479	0.2357
06:33:46	441.64	5.35	387.79	108.67	79.37	74.88	647.80	16.4089	17.6102	8.0287	0.5332	1.1273	30.4093	0.2379
06:33:47	441.64	5.40	387.79	105.01	78.14	74.88	640.17	14.4972	15.5730	2.6009	0.5369	1.1327	30.5279	0.2387
06:33:48	499.39	5.47	387.79	103.79	76.92	75.13	639.15	14.4972	15.5730	2.6009	0.5407	1.1381	30.6465	0.2394
06:33:49	499.51	5.53	387.79	102.56	75.70	74.88	636.61	14.1786	15.2394	0.7916	0.5444	1.1435	30.6829	0.2396
06:33:50	499.51	5.56	387.79	102.56	75.70	74.88	636.61	13.7007	14.7355	0.1131	0.5480	1.1486	30.6882	0.2396
06:33:51	499.39	5.63	387.79	102.56	75.70	75.13	717.97	13.5413	14.5792	0.1131	0.5519	1.1537	30.6935	0.2397
06:33:52	499.39	5.69	388.28	109.89	78.14	74.88	950.34	13.3820	14.4189	0.1131	0.5559	1.1587	30.6989	0.2397
06:33:53	499.39	5.69	388.28	109.89	78.14	74.88	950.34	13.3820	14.4263	0.1131	0.5598	1.1637	30.7043	0.2397
06:33:54	499.39	5.72	434.19	124.54	83.03	74.88	1040.85	13.3820	14.4396	0.5654	0.5638	1.1688	30.7317	0.2399
06:33:55	499.51	5.73	434.19	150.18	85.47	74.88	1100.85	14.3379	15.4830	3.8447	0.5680	1.1742	30.9200	0.2410
06:33:56	499.39	5.75	433.70	168.50	89.13	74.88	1223.39	14.3379	15.4830	3.8447	0.5723	1.1796	31.1082	0.2420
06:33:57	499.51	5.75	433.21	201.47	100.12	74.88	1316.95	16.2496	17.5528	5.2017	0.5771	1.1864	31.3640	0.2435
06:33:58	499.51	5.75	433.21	201.47	100.12	74.88	1316.95	19.5951	21.1710	6.2194	0.5828	1.1947	31.6707	0.2452
06:33:59	499.51	5.75	433.70	302.81	133.09	74.88	1569.66	21.9848	23.7589	7.6895	0.5893	1.2040	32.0511	0.2473
06:34:00	499.63	5.74	433.70	554.33	180.71	74.88	1747.12	26.2862	28.4074	8.7072	0.5971	1.2150	32.4819	0.2498
06:34:01	499.51	5.70	433.70	1461.54	477.41	74.64	1761.36	26.2862	28.4074	8.7072	0.6049	1.2261	32.9127	0.2522
06:34:02	499.51	5.70	433.70	1461.54	477.41	74.88	1888.48	39.5089	42.6972	11.0819	0.6166	1.2428	33.4609	0.2552
06:34:03	499.51	5.69	433.70	1832.72	654.46	74.64	1709.49	72.3268	78.1515	13.9089	0.6379	1.2733	34.1477	0.2591
06:34:04	499.39	5.65	478.14	1770.45	609.28	74.64	1044.92	190.6942	205.9558	16.5098	0.6943	1.3536	34.9578	0.2637
06:34:05	499.51	5.62	478.63	1094.02	477.41	74.64	987.46	190.6942	205.9558	19.9022	0.7506	1.4339	35.9345	0.2692
06:34:06	499.51	5.62	478.63	1094.02	477.41	74.88	987.46	239.1244	258.2089	21.0330	0.8212	1.5346	36.9638	0.2751
06:34:07	467.03	5.51	478.14	362.64	227.11	74.64	933.56	230.9996	249.3073	22.1639	0.8894	1.6418	38.0409	0.2812
06:34:08	467.03	5.45	478.14	362.64	227.11	74.64	933.56	142.7419	153.9914	21.3723	0.9315	1.7081	39.0739	0.2872
06:34:09	467.03	5.45	478.14	280.83	188.03	74.88	926.44	142.7419	153.9914	21.3723	0.9736	1.7744	40.1069	0.2931
06:34:10	467.03	5.38	478.14	231.99	161.17	74.64	921.86	47.3151	50.9674	20.3545	0.9866	1.7963	41.0715	0.2988
06:34:11	467.03	5.30	478.14	190.48	133.09	74.64	919.32	47.3151	50.9255	20.3545	0.9996	1.8182	42.0252	0.3044
06:34:12	467.03	5.23	478.14	177.05	122.10	74.64	920.85	36.6413	39.4372	20.2415	1.0097	1.8352	42.9736	0.3100
06:34:13	467.28	5.12	478.14	163.61	111.11	74.64	924.92	30.2689	32.5484	20.1284	1.0181	1.8492	43.9046	0.3156
06:34:14	467.28	5.12	478.14	163.61	108.23	74.88	926.44	24.8524	26.6964	20.1284	1.0249	1.8607	44.8220	0.3212
06:34:15	467.03	4.98	435.65	163.61	101.34	74.88	940.68	23.1000	24.7922	20.1284	1.0312	1.8713	45.7279	0.3268

06:34:16	467.03	4.96	436.14	164.84	100.12	74.88	940.68	21.3476	22.8772	20.1284	1.0371	1.8811	46.6142	0.3324
06:34:17	445.79	4.96	436.14	164.84	100.12	74.88	943.73	21.3476	22.8772	20.2415	1.0429	1.8910	47.5055	0.3380
06:34:18	445.79	4.93	435.65	163.61	96.46	74.64	953.39	21.3476	22.8359	20.5807	1.0488	1.8999	48.3876	0.3437
06:34:19	445.79	4.93	435.65	163.61	96.46	74.64	953.39	21.5069	22.9980	20.5807	1.0546	1.9090	49.2648	0.3495
06:34:20	445.67	4.93	435.65	162.39	95.24	74.88	957.46	21.5069	22.9971	20.5807	1.0603	1.9180	50.1420	0.3552
06:34:21	445.67	4.93	436.14	156.29	91.58	74.88	731.70	21.3476	22.8186	20.8069	1.0658	1.9269	51.0239	0.3609
06:34:22	445.67	5.00	436.14	144.08	87.91	74.88	639.66	21.3476	22.8186	20.8069	1.0714	1.9359	51.9059	0.3667
06:34:23	445.67	5.00	436.14	124.54	83.03	74.64	691.53	21.1882	22.6483	20.9200	1.0769	1.9447	52.7926	0.3725
06:34:24	445.67	5.02	391.70	114.77	79.37	74.88	669.66	20.3917	21.7968	15.9444	1.0822	1.9533	53.4684	0.3770
06:34:25	445.79	5.11	391.70	107.45	75.70	74.88	656.44	18.7986	20.1137	13.1174	1.0871	1.9612	54.0328	0.3806
06:34:26	445.79	5.14	392.19	103.79	75.70	74.88	646.27	16.2496	17.3864	8.4811	1.0914	1.9680	54.3977	0.3830
06:34:27	445.79	5.14	392.19	103.79	75.70	74.88	646.27	14.9752	16.0269	5.8802	1.0953	1.9736	54.6517	0.3846
06:34:28	465.69	5.24	391.70	101.34	72.04	74.88	642.20	14.0193	15.0209	2.2616	1.0990	1.9789	54.7511	0.3852
06:34:29	465.57	5.33	392.19	100.12	67.16	74.64	640.17	13.5413	14.5148	0.7916	1.1025	1.9840	54.7861	0.3854
06:34:30	465.57	5.33	392.19	100.12	67.16	74.64	640.17	13.5413	14.5148	0.7916	1.1060	1.9892	54.8210	0.3857
06:34:31	465.69	5.35	391.70	98.90	64.71	74.88	735.25	13.2227	14.1936	0.1131	1.1097	1.9942	54.8261	0.3857
06:34:32	465.57	5.37	391.70	109.89	72.04	74.88	1021.53	13.0634	14.0378	0.1131	1.1132	1.9991	54.8313	0.3857
06:34:33	465.69	5.38	423.93	124.54	76.92	74.88	1092.71	13.0634	14.0378	0.1131	1.1168	2.0041	54.8365	0.3858
06:34:34	465.45	5.38	424.42	141.64	81.81	74.88	1172.54	12.9041	13.8701	0.4523	1.1204	2.0090	54.8573	0.3859
06:34:35	465.57	5.37	423.93	180.71	89.13	74.64	1321.53	14.3379	15.4152	4.6363	1.1243	2.0144	55.0713	0.3872
06:34:36	465.57	5.37	423.93	218.58	100.12	74.64	1432.88	16.2496	17.4733	5.6540	1.1287	2.0210	55.3328	0.3887
06:34:37	426.62	5.37	423.93	295.48	118.44	74.64	1588.98	18.4800	19.8716	6.8979	1.1338	2.0286	55.6518	0.3907
06:34:38	426.62	5.37	423.44	295.48	118.44	74.64	1588.98	23.5779	25.3495	8.5941	1.1403	2.0383	56.0484	0.3931
06:34:39	426.62	5.37	423.44	898.66	263.74	74.64	1802.54	28.5165	30.6592	9.7250	1.1481	2.0500	56.4972	0.3958
06:34:40	426.62	5.33	423.93	1540.90	521.37	74.64	1911.36	38.5531	41.4469	11.0819	1.1578	2.0658	57.0086	0.3988
06:34:41	426.50	5.33	423.44	1888.89	711.84	74.64	1877.29	38.5531	41.4469	11.0819	1.1674	2.0816	57.5201	0.4019
06:34:42	426.62	5.32	423.93	1799.76	737.48	74.40	1022.03	117.2523	126.0534	16.9621	1.1969	2.1296	58.3028	0.4066
06:34:43	426.62	5.32	423.93	1799.76	737.48	74.40	1022.03	201.0493	216.0513	20.2415	1.2474	2.2119	59.2315	0.4122
06:34:44	426.62	5.26	455.68	655.68	355.31	74.64	947.29	246.4527	264.8425	21.9377	1.3092	2.3128	60.2380	0.4183
06:34:45	426.50	5.22	455.68	445.67	273.50	74.64	942.20	234.8230	252.2931	21.2592	1.3681	2.4090	61.2106	0.4242
06:34:46	426.62	5.17	455.68	445.67	273.50	74.64	942.20	234.8230	252.2931	21.2592	1.4271	2.5052	62.1831	0.4301
06:34:47	393.16	5.13	456.17	244.20	170.94	74.64	934.07	85.5495	91.8384	20.5807	1.4485	2.5428	63.1135	0.4359
06:34:48	393.28	5.06	456.17	206.35	145.30	74.64	936.10	58.1482	62.3938	20.5807	1.4631	2.5684	64.0377	0.4416
06:34:49	393.28	5.06	456.17	206.35	145.30	74.64	936.10	58.1482	62.3552	20.5807	1.4776	2.5939	64.9536	0.4473
06:34:50	393.28	5.02	455.68	194.14	135.53	74.64	941.70	31.8620	34.1475	20.3545	1.4850	2.6079	65.8526	0.4530
06:34:51	393.28	4.95	455.68	186.81	126.98	74.64	944.75	26.9234	28.8279	20.4676	1.4912	2.6198	66.7443	0.4586
06:34:52	393.28	4.90	455.68	179.49	117.22	74.88	947.29	26.9234	28.8279	20.4676	1.4974	2.6316	67.6359	0.4643
06:34:53	393.28	4.80	420.02	177.05	106.23	74.88	951.36	25.3303	27.1067	20.5807	1.5032	2.6427	68.5249	0.4700
06:34:54	393.28	4.80	420.02	177.05	106.23	74.88	951.36	24.3744	26.0596	20.6938	1.5089	2.6534	69.4062	0.4758
06:34:55	393.28	4.76	420.02	174.60	106.23	74.88	951.36	23.4186	25.0208	20.6938	1.5142	2.6636	70.2785	0.4815
06:34:56	393.28	4.73	420.02	172.16	107.45	74.88	950.34	23.1000	24.6486	20.8069	1.5195	2.6729	71.1381	0.4873
06:34:57	393.28	4.71	420.02	167.28	106.23	74.88	943.73	23.1000	24.6486	20.8069	1.5249	2.6823	71.9976	0.4931
06:34:58	386.45	4.67	420.02	166.06	105.01	74.88	943.73	22.7813	24.2961	20.8069	1.5301	2.6914	72.8502	0.4989
06:34:59	386.45	4.67	420.02	166.06	105.01	74.88	943.73	22.4627	23.9464	20.8069	1.5352	2.7005	73.6973	0.5047
06:35:00	386.32	4.71	420.02	163.61	107.45	74.88	943.73	21.8255	23.2586	20.5807	1.5403	2.7093	74.5302	0.5104
06:35:01	386.32	4.71	420.02	163.61	107.45	74.88	860.85	21.6662	23.0790	20.5807	1.5451	2.7180	75.3576	0.5161
06:35:02	386.45	4.74	420.51	157.51	105.01	75.13	677.29	21.6662	23.0790	20.5807	1.5500	2.7267	76.1851	0.5218
06:35:03	386.32	4.79	420.02	137.97	97.68	74.88	695.08	21.3476	22.7502	20.5807	1.5548	2.7353	77.0187	0.5275
06:35:04	386.45	4.83	420.02	126.98	92.80	74.88	665.59	21.3476	22.7502	18.6583	1.5596	2.7439	77.7745	0.5327
06:35:05	386.45	4.89	385.35	118.44	87.91	74.88	651.86	20.5510	21.9092	14.5874	1.5643	2.7522	78.3688	0.5368
06:35:06	386.45	4.93	385.84	111.11	86.69	74.88	648.31	18.0020	19.2047	8.8203	1.5683	2.7594	78.7320	0.5392
06:35:07	386.45	4.96	385.84	107.45	83.03	74.88	648.31	16.5683	17.6861	5.4279	1.5721	2.7661	78.9577	0.5407
06:35:08	401.83	5.07	385.35	102.56	78.14	75.13	646.78	15.4531	16.5076	1.4701	1.5756	2.7718	79.0195	0.5411
06:35:09	401.83	5.07	385.35	102.56	78.14	75.13	646.78	14.4972	15.4953	0.1131	1.5789	2.7772	79.0243	0.5412
06:35:10	401.83	5.07	385.35	102.56	78.14	75.13	646.78	14.0193	14.9899	0.1131	1.5820	2.7824	79.0292	0.5412
06:35:11	401.83	5.07	385.35	102.56	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.5852	2.7874	79.0341	0.5412
06:35:12	401.83	5.07	385.35	102.56	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.5883	2.7923	79.0390	0.5412
06:35:13	401.83	5.07	385.35	102.56	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.5915	2.7973	79.0440	0.5413
06:35:14	401.83	5.07	385.35	102.56	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.5946	2.8023	79.0489	0.5413
06:35:15	401.83	5.07	385.35	102.56	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.5978	2.8072	79.0538	0.5413
06:35:16	401.83	5.07	385.35	102.56	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.6009	2.8122	79.0587	0.5414
06:35:17	401.83	5.07	385.35	102.56	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.6041	2.8172	79.0637	0.5414
06:35:18	401.83	5.07	385.35	102.56	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.6072	2.8221	79.0686	0.5414
06:35:19	379.73	5.13	417.58	988.25	78.14	75.13	646.78	13.3820	14.3296	0.1131	1.6104	2.8271	79.0735	0.5415
06:35:20	379.73	5.13	417.58	988.25	308.91	75.13	1828.44	13.3820	14.3296	0.1131	1.6135	2.8321	79.0785	0.5415
06:35:21	379.73	5.13	417.58	988.25	308.91	75.13	1828.44	13.3820	14.3296	0.1131	1.6167	2.8370	79.0834	0.5415
06:35:22	379.73	5.13	417.58	988.25	308.91	75.13	1828.44	126.3329	135.3916	0.1131	1.6448	2.8879	79.0884	0.5416

06:35:23	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.6730	2.9387	79.8525	0.5464
06:35:24	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.7011	2.9896	80.6167	0.5512
06:35:25	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.7293	3.0404	81.3809	0.5560
06:35:26	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.7574	3.0913	82.1450	0.5608
06:35:27	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.7856	3.1421	82.9092	0.5656
06:35:28	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.8137	3.1930	83.6733	0.5704
06:35:29	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.8419	3.2438	84.4375	0.5752
06:35:30	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.8700	3.2946	85.2017	0.5800
06:35:31	379.73	5.13	417.58	968.25	308.91	75.13	1826.44	126.3329	135.3916	17.3014	1.8982	3.3455	85.9658	0.5848
06:35:32	346.64	4.68	449.82	178.27	111.11	74.88	957.46	126.3329	135.3916	17.3014	1.9263	3.3963	86.7300	0.5896
06:35:33	346.64	4.56	415.63	175.82	103.79	74.88	967.12	126.3329	135.3916	17.3014	1.9545	3.4472	87.4941	0.5944
06:35:34	346.64	4.56	415.63	175.82	102.56	74.88	970.68	126.3329	135.3916	17.3014	1.9826	3.4980	88.2583	0.5992
06:35:35	346.76	4.47	415.63	163.61	96.46	75.13	961.02	23.2593	24.7767	20.9200	1.9873	3.5081	89.1008	0.6050
06:35:36	346.76	4.47	415.63	163.61	96.46	74.88	951.36	22.9406	24.3995	21.1461	1.9920	3.5172	89.9310	0.6109
06:35:37	346.76	4.45	415.14	159.95	95.24	75.13	945.76	22.9406	24.3995	21.1461	1.9966	3.5263	90.7613	0.6168
06:35:38	344.20	4.44	415.63	156.29	92.80	74.88	941.19	21.3476	22.6769	21.1461	2.0009	3.5348	91.5745	0.6227
06:35:39	344.20	4.45	416.12	153.85	92.80	74.88	936.61	21.3476	22.6769	20.8069	2.0052	3.5432	92.3747	0.6284
06:35:40	344.20	4.47	415.14	151.40	92.80	74.88	915.25	20.8696	22.1624	20.6938	2.0094	3.5515	93.1664	0.6342
06:35:41	344.20	4.52	415.14	147.74	91.58	74.88	721.53	20.3917	21.6514	20.4676	2.0135	3.5596	93.9473	0.6399
06:35:42	344.20	4.55	415.63	135.53	87.91	74.88	677.29	20.0731	21.3164	20.4676	2.0175	3.5676	94.7304	0.6456
06:35:43	344.20	4.62	416.12	123.32	83.03	74.88	690.00	19.7544	20.9856	20.1284	2.0215	3.5754	95.5051	0.6512
06:35:44	344.20	4.67	379.98	109.89	78.14	74.88	671.19	19.2765	20.4895	15.4921	2.0253	3.5831	96.1072	0.6555
06:35:45	344.20	4.73	379.49	106.23	75.70	74.88	660.51	17.6834	18.8040	12.5520	2.0289	3.5901	96.5983	0.6589
06:35:46	344.20	4.78	379.98	102.56	73.26	74.88	654.41	16.0903	17.1250	8.0287	2.0321	3.5965	96.9170	0.6612
06:35:47	344.20	4.81	379.98	100.12	70.82	74.88	655.42	14.3379	15.2701	5.5410	2.0350	3.6017	97.1394	0.6627
06:35:48	366.06	4.86	379.49	97.68	68.38	75.13	650.85	13.8600	14.7733	3.0532	2.0378	3.6068	97.2636	0.6636
06:35:49	366.06	4.88	379.98	97.68	67.16	74.88	651.86	13.3820	14.2727	0.4523	2.0404	3.6117	97.2822	0.6637
06:35:50	366.06	4.90	379.49	97.68	67.16	74.64	650.85	13.0634	13.9394	0.1131	2.0431	3.6164	97.2869	0.6637
06:35:51	366.06	4.95	379.49	97.68	67.16	74.88	671.19	12.7448	13.6091	0.4523	2.0458	3.6211	97.3058	0.6638
06:35:52	366.06	4.96	379.49	97.68	68.38	74.88	910.68	12.7448	13.6126	0.1131	2.0485	3.6257	97.3106	0.6639
06:35:53	366.06	4.99	379.98	102.56	72.04	74.88	1037.29	12.7448	13.6161	0.4523	2.0513	3.6304	97.3296	0.6640
06:35:54	366.06	5.01	421.98	125.76	79.37	74.88	1110.00	12.7448	13.6245	0.7916	2.0540	3.6350	97.3633	0.6642
06:35:55	366.06	5.01	421.49	148.96	85.47	74.64	1196.95	12.7448	13.6267	3.2793	2.0567	3.6397	97.5032	0.6651
06:35:56	366.06	5.04	421.49	199.02	94.02	74.64	1353.05	13.3820	14.3131	4.0709	2.0596	3.6445	97.6778	0.6663
06:35:57	366.06	5.04	421.98	261.29	107.45	74.88	1466.44	16.4089	17.5552	5.8802	2.0631	3.6512	97.9310	0.6679
06:35:58	351.53	5.04	421.98	377.29	135.53	74.64	1629.66	19.4358	20.7935	7.0110	2.0673	3.6591	98.2329	0.6698
06:35:59	351.53	5.05	421.49	573.87	186.81	74.88	1719.15	25.9675	27.7930	8.8203	2.0728	3.6696	98.6150	0.6723
06:36:00	351.53	5.04	421.49	1074.48	335.78	74.88	1810.68	34.0924	36.4889	10.0642	2.0802	3.6835	99.0511	0.6751
06:36:01	351.53	5.03	421.49	1483.52	518.48	75.13	1923.05	49.2268	52.6859	11.5342	2.0903	3.7035	99.5509	0.6783
06:36:02	351.53	5.00	421.49	1946.28	769.23	75.13	1317.97	74.8758	80.1495	13.4566	2.1057	3.7339	100.1353	0.6820
06:36:03	351.53	4.98	421.49	1483.52	634.92	75.13	949.83	140.1929	150.0440	17.4144	2.1346	3.7907	100.8898	0.6869
06:36:04	351.65	4.95	463.49	798.53	398.05	75.13	949.83	193.5617	207.1309	20.6938	2.1745	3.8692	101.7843	0.6926
06:36:05	351.53	4.92	463.49	544.57	301.59	75.13	944.75	253.9402	271.6439	20.8069	2.2267	3.9722	102.6788	0.6984
06:36:06	351.53	4.85	463.49	388.28	234.43	74.88	933.05	193.5617	207.0133	20.5807	2.2666	4.0507	103.5609	0.7041
06:36:07	351.65	4.80	463.49	272.28	177.05	74.88	933.05	104.1888	111.3777	20.5807	2.2880	4.0971	104.4367	0.7098
06:36:08	317.83	4.74	463.49	233.21	155.07	74.88	933.05	71.0523	75.9313	20.5807	2.3026	4.1288	105.3084	0.7156
06:36:09	317.70	4.65	463.49	202.69	125.76	75.13	937.12	50.6606	54.0863	20.4676	2.3131	4.1513	106.1622	0.7212
06:36:10	317.83	4.61	463.49	191.70	111.11	75.13	940.17	35.5262	37.9049	20.4676	2.3204	4.1671	107.0078	0.7269
06:36:11	317.83	4.52	463.49	181.93	102.56	75.13	943.22	30.4282	32.4352	20.3545	2.3260	4.1806	107.8370	0.7326
06:36:12	317.70	4.47	463.49	177.05	101.34	75.13	945.76	26.4455	28.1591	20.5807	2.3309	4.1924	108.6610	0.7383
06:36:13	317.83	4.39	463.49	173.38	98.90	75.13	948.81	25.0117	26.6173	20.5807	2.3355	4.2035	109.4774	0.7440
06:36:14	317.70	4.34	411.72	164.84	97.68	75.13	948.81	23.7372	25.2297	20.5807	2.3399	4.2140	110.2772	0.7497
06:36:15	317.83	4.28	412.21	161.17	96.46	75.13	944.75	23.1000	24.5359	20.6938	2.3442	4.2242	111.0723	0.7555
06:36:16	317.83	4.26	411.72	158.73	95.24	74.88	942.71	22.6220	24.0034	20.6938	2.3484	4.2342	111.8535	0.7612
06:36:17	317.83	4.22	411.72	152.63	91.58	74.88	939.15	21.5069	22.8060	20.9200	2.3523	4.2427	112.6349	0.7670
06:36:18	335.29	4.22	411.72	146.52	89.13	74.88	935.59	21.0289	22.2796	20.6938	2.3562	4.2509	113.3960	0.7728
06:36:19	335.29	4.21	411.72	136.75	86.69	74.88	934.07	20.7103	21.9363	20.4676	2.3600	4.2590	114.1453	0.7785
06:36:20	335.16	4.23	411.72	134.31	86.69	74.88	922.37	19.9138	21.0828	20.5807	2.3637	4.2668	114.8925	0.7842
06:36:21	335.29	4.27	411.72	134.31	86.69	74.88	701.19	19.1172	20.2401	20.3545	2.3674	4.2743	115.6316	0.7898
06:36:22	335.29	4.32	412.21	123.32	86.69	74.88	714.41	17.8427	18.8879	20.3545	2.3709	4.2813	116.3686	0.7955
06:36:23	335.29	4.37	411.72	116.00	86.69	75.13	700.17	17.5241	18.5563	20.2415	2.3743	4.2882	117.1055	0.8011
06:36:24	335.29	4.39	359.46	111.11	85.47	75.13	675.76	17.5241	18.5659	16.3967	2.3777	4.2951	117.7080	0.8057
06:36:25	335.29	4.49	359.46	107.45	85.47	75.13	665.59	16.0903	17.0575	11.7604	2.3808	4.3014	118.1449	0.8089
06:36:26	335.29	4.52	359.46	106.23	83.03	75.13	661.02	15.1345	16.0542	8.5941	2.3838	4.3073	118.4676	0.8113
06:36:27	335.41	4.60	359.46	103.79	80.59	75.13	656.95	14.4972	15.3838	5.9933	2.3866	4.3123	118.6941	0.8130
06:36:28	372.53	4.63	358.97	102.56	79.37	75.13	654.92	14.0193	14.8958	2.2616	2.3893	4.3171	118.7814	0.8136
06:36:29	372.41	4.68	359.46	102.56	78.92	75.13	654.92	13.8600	14.7327	1.0177	2.3920	4.3219	118.8210	0.8139

06:36:30	372.41	4.72	358.97	102.56	75.70	75.13	656.95	13.5413	14.4081	0.1131	2.3947	4.3265	118.8255	0.8139
06:36:31	372.41	4.76	359.46	102.56	75.70	75.13	653.90	13.3820	14.2462	0.1131	2.3976	4.3311	118.8300	0.8140
06:36:32	372.41	4.79	358.97	102.56	75.70	74.88	968.14	13.3820	14.2558	0.1131	2.4005	4.3358	118.8345	0.8140
06:36:33	372.41	4.81	359.46	112.33	79.37	75.13	1049.49	13.3820	14.2624	0.1131	2.4034	4.3404	118.8391	0.8140
06:36:34	372.41	4.82	401.95	129.43	84.25	75.13	1133.39	13.3820	14.2705	0.1131	2.4063	4.3450	118.8438	0.8141
06:36:35	372.53	4.84	401.95	164.84	90.35	75.13	1295.09	13.3820	14.2757	3.0532	2.4092	4.3496	118.9695	0.8149
06:36:36	372.41	4.84	402.44	197.80	98.90	75.13	1413.05	14.6565	15.6393	4.6363	2.4124	4.3546	119.1612	0.8162
06:36:37	372.41	4.84	401.95	263.74	119.66	75.13	1569.15	16.8869	18.0220	5.8802	2.4161	4.3612	119.4049	0.8178
06:36:38	353.24	4.86	401.95	533.58	185.59	75.13	1816.27	21.5069	22.9597	8.0287	2.4208	4.3695	119.7393	0.8201
06:36:39	353.11	4.84	401.95	903.54	294.26	75.13	1834.58	25.8082	27.5516	9.3857	2.4264	4.3794	120.1302	0.8227
06:36:40	353.11	4.83	402.44	1376.07	481.07	75.13	1875.76	34.4110	36.7355	10.7427	2.4339	4.3927	120.5776	0.8256
06:36:41	353.11	4.83	401.95	1791.21	737.48	74.88	1314.92	69.6185	74.3340	14.0220	2.4482	4.4196	121.1635	0.8295
06:36:42	353.24	4.81	401.95	1372.41	628.82	75.13	917.29	117.8895	125.8485	16.9621	2.4726	4.4651	121.8699	0.8343
06:36:43	353.24	4.78	401.95	742.37	405.37	75.13	926.95	179.5425	191.6342	19.2237	2.5096	4.5344	122.6686	0.8396
06:36:44	353.24	4.75	442.00	507.94	312.58	75.13	933.05	233.7079	249.4475	20.2415	2.5578	4.6246	123.5096	0.8452
06:36:45	353.11	4.71	441.51	369.96	251.53	75.13	946.78	179.0645	191.0846	19.7892	2.5948	4.6937	124.3291	0.8507
06:36:46	353.24	4.65	441.51	268.62	194.14	75.13	953.90	96.8605	103.3198	20.2415	2.6148	4.7310	125.1620	0.8563
06:36:47	353.24	4.59	441.51	223.44	157.51	75.13	953.90	66.2730	70.6633	20.4676	2.6284	4.7591	125.9986	0.8620
06:36:48	314.41	4.53	441.51	205.13	139.19	75.13	950.85	48.2710	51.4395	20.4676	2.6384	4.7795	126.8277	0.8677
06:36:49	314.29	4.49	442.00	190.48	123.32	75.13	948.81	35.0482	37.3179	20.8069	2.6456	4.7944	127.6593	0.8735
06:36:50	314.29	4.40	441.51	180.71	111.11	74.88	946.27	29.1538	31.0177	20.8069	2.6516	4.8067	128.4805	0.8793
06:36:51	314.29	4.35	441.51	167.28	100.12	75.13	943.73	26.7641	28.4511	20.6938	2.6565	4.8180	129.2867	0.8850
06:36:52	314.29	4.30	442.00	161.17	96.46	75.13	941.70	24.8524	26.4039	20.8069	2.6611	4.8285	130.0897	0.8908
06:36:53	314.29	4.23	442.00	157.51	94.02	75.13	940.17	23.5779	25.0201	20.5807	2.6654	4.8384	130.8681	0.8965
06:36:54	314.41	4.18	403.91	156.29	94.02	75.13	938.64	21.8255	23.1473	20.6938	2.6693	4.8476	131.6430	0.9023
06:36:55	314.29	4.12	403.91	156.29	92.80	75.13	938.64	21.0289	22.2863	20.5807	2.6732	4.8564	132.4041	0.9080
06:36:56	314.41	4.08	403.91	155.07	92.80	75.13	938.64	20.5510	21.7596	20.5807	2.6769	4.8651	133.1527	0.9137
06:36:57	314.29	4.08	403.91	155.07	92.80	75.13	939.66	20.3917	21.5775	20.5807	2.6806	4.8729	133.8931	0.9194
06:36:58	324.79	4.07	403.91	153.85	92.80	75.13	942.20	20.3917	21.5607	20.5807	2.6843	4.8808	134.6230	0.9251
06:36:59	324.79	4.08	403.91	155.07	94.02	75.13	942.20	20.2324	21.3812	20.3545	2.6880	4.8885	135.3381	0.9308
06:37:00	324.79	4.12	403.91	157.51	95.24	75.13	942.20	20.2324	21.3812	20.5807	2.6917	4.8963	136.0612	0.9365
06:37:01	324.79	4.17	403.91	155.07	96.46	75.13	707.80	20.0731	21.2089	20.5807	2.6955	4.9040	136.7815	0.9422
06:37:02	324.79	4.22	403.42	141.64	94.02	75.13	697.63	20.2324	21.3816	20.4676	2.6993	4.9118	137.5006	0.9479
06:37:03	324.79	4.27	403.91	126.98	90.35	75.13	700.17	20.5510	21.7273	20.5807	2.7031	4.9197	138.2291	0.9536
06:37:04	324.79	4.33	363.86	114.77	87.91	75.37	672.71	20.2324	21.4049	15.3790	2.7069	4.9274	138.7803	0.9579
06:37:05	324.79	4.37	363.37	109.89	86.69	75.13	666.61	18.4800	19.5641	11.9866	2.7104	4.9345	139.2151	0.9612
06:37:06	324.79	4.47	363.86	106.23	84.25	75.37	660.51	16.5683	17.5520	8.8203	2.7135	4.9409	139.5389	0.9637
06:37:07	324.79	4.51	363.37	105.01	83.03	75.13	658.98	14.9752	15.8766	4.2971	2.7164	4.9461	139.6988	0.9649
06:37:08	370.70	4.55	363.86	103.79	81.81	75.37	658.98	14.3379	15.2105	1.9224	2.7191	4.9511	139.7711	0.9654
06:37:09	370.70	4.61	363.86	102.56	80.59	75.37	655.42	13.8600	14.7225	0.1131	2.7217	4.9559	139.7755	0.9654
06:37:10	370.70	4.67	363.86	102.56	79.37	75.13	656.44	13.7007	14.5600	0.1131	2.7243	4.9607	139.7799	0.9655
06:37:11	370.57	4.71	363.37	102.56	78.14	75.37	758.14	13.5413	14.4009	0.1131	2.7272	4.9654	139.7843	0.9655
06:37:12	370.70	4.74	363.37	103.79	79.37	75.13	984.92	13.3820	14.2417	0.1131	2.7301	4.9700	139.7888	0.9655
06:37:13	370.57	4.78	363.37	117.22	83.03	75.37	1068.31	13.3820	14.2528	0.1131	2.7330	4.9747	139.7933	0.9656
06:37:14	370.70	4.81	407.81	146.52	87.91	75.37	1205.59	13.3820	14.2609	0.7916	2.7359	4.9794	139.8254	0.9658
06:37:15	370.70	4.83	407.81	174.60	94.02	75.37	1328.64	13.5413	14.4374	3.8447	2.7388	4.9841	139.9823	0.9668
06:37:16	370.70	4.83	407.81	213.68	107.45	75.37	1535.59	15.2938	16.3125	4.8625	2.7421	4.9894	140.1820	0.9682
06:37:17	370.57	4.85	407.33	373.63	150.18	75.37	1760.34	19.1172	20.4001	6.8979	2.7463	4.9969	140.4674	0.9701
06:37:18	343.71	4.83	407.33	660.56	206.35	75.37	1798.98	22.7813	24.3164	8.2549	2.7512	5.0058	140.8104	0.9724
06:37:19	343.71	4.83	407.33	1300.37	429.79	75.37	1874.75	27.8793	29.7578	9.7250	2.7572	5.0167	141.2145	0.9751
06:37:20	343.71	4.82	407.81	1620.27	587.30	75.13	1749.66	48.7489	52.0444	12.2127	2.7678	5.0358	141.7235	0.9785
06:37:21	343.71	4.82	407.33	1659.34	642.25	75.37	1686.61	86.1868	91.9944	15.2659	2.7851	5.0695	142.3583	0.9827
06:37:22	343.59	4.80	407.33	1206.35	525.03	75.61	942.20	169.6652	181.0980	18.9976	2.8192	5.1358	143.1482	0.9880
06:37:23	343.71	4.78	407.81	810.74	400.49	75.37	929.49	211.4045	225.6148	20.1284	2.8616	5.2186	143.9832	0.9936
06:37:24	343.71	4.74	453.72	455.43	268.62	75.37	937.12	216.5024	231.0554	21.1461	2.9051	5.3032	144.8603	0.9995
06:37:25	343.71	4.72	453.72	338.22	216.12	75.37	939.15	157.3984	167.9177	20.2415	2.9367	5.3647	145.6952	1.0051
06:37:26	343.71	4.67	453.72	268.62	183.15	75.37	942.71	105.7819	112.8283	20.2415	2.9579	5.4061	146.5273	1.0107
06:37:27	343.71	4.61	453.24	217.34	146.52	75.37	946.27	59.4227	63.3482	20.5807	2.9699	5.4320	147.3665	1.0164
06:37:28	309.40	4.56	453.72	197.80	125.76	75.37	949.83	44.1289	47.0296	20.5807	2.9787	5.4511	148.2016	1.0222
06:37:29	309.40	4.50	453.72	181.93	111.11	75.37	950.85	35.0482	37.3308	20.5807	2.9857	5.4664	149.0290	1.0279
06:37:30	309.40	4.43	453.72	161.17	100.12	75.37	945.25	28.3572	30.1790	20.6938	2.9914	5.4787	149.8498	1.0336
06:37:31	309.40	4.38	453.72	152.63	95.24	75.37	942.20	25.8082	27.4475	20.8069	2.9961	5.4899	150.6668	1.0394
06:37:32	309.40	4.31	453.72	140.42	89.13	75.13	937.63	23.7372	25.2228	20.8069	3.0003	5.5002	151.4719	1.0452
06:37:33	309.40	4.26	453.72	135.53	86.69	75.13	935.59	21.0289	22.3242	20.5807	3.0041	5.5093	152.2558	1.0509
06:37:34	309.40	4.20	415.63	130.65	85.47	75.13	933.56	19.9138	21.1262	20.5807	3.0077	5.5179	153.0307	1.0566
06:37:35	309.28	4.17	415.63	125.78	81.81	75.13	933.56	18.3207	19.4190	20.4676	3.0110	5.5258	153.7896	1.0623
06:37:36	309.40	4.16	415.63	123.32	80.59	75.13	934.58	17.6834	18.7319	20.4676	3.0142	5.5335	154.5403	1.0680

06:37:37	309.28	4.14	415.63	123.32	80.59	74.88	936.10	17.0462	18.0410	20.4676	3.0172	5.5402	155.2793	1.0737
06:37:38	322.47	4.12	415.63	124.54	80.59	74.88	940.17	16.4089	17.3603	20.3545	3.0202	5.5467	156.0095	1.0793
06:37:39	322.47	4.15	415.14	125.76	83.03	74.88	944.24	16.0903	17.0205	20.3545	3.0230	5.5531	156.7376	1.0850
06:37:40	322.47	4.17	415.14	128.21	84.25	74.88	930.51	16.0903	17.0161	20.4676	3.0259	5.5594	157.4663	1.0907
06:37:41	322.47	4.22	415.63	129.43	84.25	74.88	730.68	16.2496	17.1806	20.4676	3.0290	5.5658	158.1915	1.0964
06:37:42	322.47	4.29	415.14	117.22	79.37	74.88	714.92	16.4089	17.3562	20.5807	3.0320	5.5723	158.9263	1.1021
06:37:43	322.47	4.35	415.14	108.67	75.70	74.88	695.59	16.7276	17.6987	20.3545	3.0351	5.5789	159.6572	1.1077
06:37:44	322.34	4.38	377.53	103.79	70.82	74.88	678.81	16.8869	17.8784	15.8313	3.0383	5.5856	160.2320	1.1121
06:37:45	322.47	4.46	378.02	101.34	67.16	74.88	666.61	15.2938	16.2060	10.7427	3.0412	5.5917	160.6281	1.1151
06:37:46	322.34	4.49	377.53	100.12	65.93	75.13	663.05	14.1786	15.0367	7.8026	3.0438	5.5973	160.9201	1.1173
06:37:47	322.34	4.56	377.53	98.90	65.93	74.88	659.49	13.5413	14.3661	4.8625	3.0464	5.6022	161.1032	1.1186
06:37:48	347.62	4.57	377.53	98.90	64.71	74.64	658.47	13.2227	14.0441	1.5831	3.0488	5.6069	161.1639	1.1191
06:37:49	347.62	4.60	377.53	97.68	64.71	74.88	658.47	13.0634	13.8799	0.3392	3.0513	5.6116	161.1771	1.1192
06:37:50	347.74	4.65	377.53	96.46	63.49	74.88	663.05	12.9041	13.7227	0.1131	3.0537	5.6163	161.1815	1.1192
06:37:51	347.62	4.67	377.53	96.46	63.49	74.88	717.46	12.9041	13.7262	0.1131	3.0563	5.6210	161.1859	1.1192
06:37:52	347.62	4.67	377.53	97.68	64.71	74.88	971.70	12.7448	13.5609	0.1131	3.0589	5.6256	161.1904	1.1192
06:37:53	347.74	4.70	377.53	107.45	72.04	74.88	1118.14	12.5855	13.4011	0.1131	3.0614	5.6301	161.1949	1.1193
06:37:54	347.62	4.70	399.02	126.98	76.92	74.88	1221.36	12.5855	13.4039	0.4523	3.0640	5.6347	161.2131	1.1194
06:37:55	347.62	4.72	399.51	178.27	92.80	74.88	1411.53	12.7448	13.5735	3.7317	3.0666	5.6393	161.3629	1.1204
06:37:56	347.62	4.70	399.51	241.76	124.54	74.88	1565.59	14.0193	14.9378	5.3148	3.0694	5.6443	161.5778	1.1219
06:37:57	347.62	4.70	399.51	390.72	161.17	74.88	1840.68	16.5683	17.6538	6.8979	3.0728	5.6507	161.8567	1.1238
06:37:58	322.34	4.70	399.02	898.21	286.94	74.88	1802.03	23.2593	24.7883	9.1596	3.0775	5.6596	162.2284	1.1264
06:37:59	322.47	4.67	400.00	1230.77	410.26	74.88	1708.48	31.5434	33.6084	10.7427	3.0839	5.6717	162.6624	1.1294
06:38:00	322.34	4.67	399.02	1327.23	468.86	74.88	1695.26	50.9792	54.3165	14.0220	3.0942	5.6912	163.2290	1.1333
06:38:01	322.34	4.62	399.51	1324.79	498.17	75.13	1477.12	116.9336	124.5828	16.9621	3.1162	5.7359	163.9144	1.1380
06:38:02	322.34	4.62	399.02	1083.03	454.21	74.88	984.92	160.5846	171.0273	18.4322	3.1464	5.7974	164.6548	1.1431
06:38:03	322.34	4.58	399.51	619.05	321.12	74.88	927.46	173.1701	184.4312	19.5630	3.1790	5.8636	165.4407	1.1485
06:38:04	322.34	4.56	423.93	429.79	258.85	74.88	932.54	172.8515	183.9777	20.6938	3.2114	5.9297	166.2636	1.1543
06:38:05	322.34	4.50	423.44	284.49	197.80	74.88	936.10	141.3081	150.4039	20.4676	3.2380	5.9837	167.0775	1.1600
06:38:06	322.34	4.47	423.44	238.10	173.38	74.88	937.12	80.7702	85.9205	20.2415	3.2531	6.0145	167.8750	1.1656
06:38:07	322.47	4.43	423.44	210.01	153.85	75.13	939.66	56.0772	59.6344	20.3545	3.2637	6.0373	168.6729	1.1712
06:38:08	292.19	4.37	423.44	192.92	139.19	74.88	939.66	37.1192	39.4453	20.4676	3.2706	6.0523	169.4655	1.1769
06:38:09	292.19	4.31	423.93	178.27	122.10	74.88	936.10	31.0655	32.9968	20.4676	3.2765	6.0649	170.2519	1.1826
06:38:10	292.19	4.25	423.44	172.16	112.33	74.88	938.14	27.4013	29.0913	20.5807	3.2816	6.0759	171.0365	1.1883
06:38:11	292.19	4.20	423.93	164.84	101.34	75.13	941.19	25.1710	26.6985	20.4676	3.2859	6.0861	171.8051	1.1940
06:38:12	292.31	4.15	423.93	161.17	97.68	74.88	943.73	23.2593	24.6529	20.4676	3.2898	6.0955	172.5640	1.1997
06:38:13	292.19	4.08	423.44	156.29	92.80	74.88	944.75	22.4627	23.7889	20.5807	3.2936	6.1046	173.3161	1.2054
06:38:14	292.19	4.05	403.91	152.63	92.80	75.13	946.27	21.5069	22.7613	20.4676	3.2973	6.1132	174.0551	1.2111
06:38:15	292.19	4.03	403.42	150.18	91.58	74.88	947.29	21.0289	22.2417	20.5807	3.3008	6.1217	174.7899	1.2168
06:38:16	292.19	4.01	403.91	148.96	87.91	74.88	944.75	20.3917	21.5487	20.5807	3.3043	6.1299	175.5130	1.2225
06:38:17	292.06	4.01	404.40	142.86	86.69	74.88	940.17	19.9138	21.0338	20.6938	3.3076	6.1376	176.2338	1.2283
06:38:18	309.89	4.03	403.91	136.75	85.47	74.88	938.14	19.5951	20.6930	20.5807	3.3109	6.1451	176.9478	1.2340
06:38:19	309.89	4.06	403.91	129.43	81.81	74.88	935.59	19.4358	20.5194	20.5807	3.3142	6.1525	177.6584	1.2397
06:38:20	309.89	4.08	403.91	125.78	80.59	74.64	926.44	18.6393	19.6785	20.4676	3.3174	6.1597	178.3651	1.2454
06:38:21	309.89	4.15	403.91	116.00	75.70	74.64	662.54	17.8427	18.8420	20.3545	3.3206	6.1665	179.0707	1.2511
06:38:22	309.77	4.18	403.91	108.67	73.26	74.64	712.88	16.8869	17.8391	20.4676	3.3236	6.1730	179.7849	1.2567
06:38:23	309.89	4.25	403.91	103.79	69.60	74.64	687.97	16.4089	17.3396	20.2415	3.3265	6.1793	180.4954	1.2624
06:38:24	309.77	4.31	381.44	100.12	64.71	74.64	669.66	15.1345	16.0086	14.3613	3.3292	6.1851	181.0086	1.2663
06:38:25	309.77	4.38	381.44	98.90	64.71	74.64	667.12	14.1786	15.0030	10.7427	3.3318	6.1906	181.3951	1.2693
06:38:26	309.89	4.44	381.44	96.46	62.27	74.64	656.44	13.5413	14.3420	8.0287	3.3342	6.1958	181.6887	1.2716
06:38:27	309.77	4.48	381.44	96.46	63.49	74.40	661.02	13.0634	13.8473	3.7317	3.3366	6.2005	181.8272	1.2726
06:38:28	347.62	4.53	381.44	96.46	63.49	74.64	659.49	12.9041	13.6905	1.9224	3.3389	6.2052	181.8997	1.2731
06:38:29	347.62	4.56	381.44	95.24	63.49	74.40	658.47	12.5855	13.3628	0.3392	3.3412	6.2098	181.9126	1.2732
06:38:30	347.62	4.60	381.93	96.46	63.49	74.40	659.49	12.5855	13.3697	0.1131	3.3434	6.2144	181.9170	1.2733
06:38:31	347.62	4.63	381.93	96.46	63.49	74.64	828.81	12.5855	13.3803	0.1131	3.3460	6.2190	181.9214	1.2733
06:38:32	347.62	4.65	381.44	100.12	65.93	74.40	1013.39	12.4262	13.2164	0.1131	3.3485	6.2235	181.9258	1.2733
06:38:33	347.62	4.67	381.44	108.67	73.26	74.40	1148.14	12.5855	13.3921	0.1131	3.3510	6.2281	181.9303	1.2734
06:38:34	347.62	4.69	411.72	146.52	81.81	74.40	1260.51	12.5855	13.3976	0.1131	3.3536	6.2327	181.9348	1.2734
06:38:35	347.62	4.69	411.72	185.59	87.91	74.40	1378.98	13.0634	13.9107	3.9578	3.3562	6.2375	182.0933	1.2745
06:38:36	347.62	4.70	411.72	307.69	125.76	74.40	1606.27	14.1786	15.1021	5.2017	3.3591	6.2427	182.3024	1.2759
06:38:37	347.62	4.69	411.72	485.96	170.94	74.40	1828.48	19.1172	20.3666	7.4633	3.3630	6.2502	182.6035	1.2780
06:38:38	317.34	4.69	411.72	827.84	249.08	74.64	1722.71	24.2151	25.7977	8.9334	3.3679	6.2598	182.9638	1.2805
06:38:39	317.22	4.67	411.72	1042.73	332.11	74.64	1660.68	40.1462	42.7765	11.0819	3.3760	6.2756	183.4120	1.2836
06:38:40	317.34	4.67	412.21	1152.63	383.39	74.64	1777.12	63.4054	67.5457	13.0043	3.3889	6.3006	183.9361	1.2872
06:38:41	317.34	4.65	412.21	1328.45	481.07	74.64	1498.98	108.0123	115.0589	16.1706	3.4089	6.3432	184.5878	1.2917
06:38:42	317.34	4.65	411.72	1156.29	463.98	74.64	994.58	136.0507	144.8966	17.6406	3.4340	6.3969	185.2965	1.2966
06:38:43	317.34	4.65	411.72	1156.29	463.98	74.64	994.58	150.3887	160.1669	19.6761	3.4619	6.4563	186.0869	1.3020

06:38:44	317.34	4.60	411.72	808.30	382.17	74.64	945.25	173.3294	184.5515	21.0330	3.4939	6.5247	186.9283	1.3079
06:38:45	317.34	4.55	441.51	400.49	250.31	74.88	941.19	150.8667	160.6344	21.1461	3.5219	6.5842	187.7742	1.3137
06:38:46	317.34	4.53	442.00	308.91	211.23	74.64	940.17	150.8667	160.6344	21.1461	3.5498	6.6436	188.6201	1.3196
06:38:47	317.22	4.46	442.00	255.19	170.94	74.88	939.15	105.4633	112.2160	20.5807	3.5693	6.6852	189.4344	1.3253
06:38:48	317.34	4.42	441.51	211.23	148.96	74.64	938.14	52.2537	55.5621	20.5807	3.5789	6.7072	190.2397	1.3311
06:38:49	285.10	4.33	441.51	190.48	125.76	74.64	939.15	40.3055	42.8463	20.3545	3.5864	6.7243	191.0327	1.3367
06:38:50	285.10	4.30	441.51	172.16	116.00	74.64	940.17	33.2958	35.3600	20.4676	3.5925	6.7383	191.8171	1.3424
06:38:51	285.23	4.25	442.00	163.61	106.23	74.88	940.17	27.5607	29.2542	20.4676	3.5976	6.7499	192.5946	1.3481
06:38:52	285.23	4.17	442.00	155.07	100.12	74.64	942.20	24.8524	26.3493	20.5807	3.6017	6.7604	193.3619	1.3538
06:38:53	285.10	4.10	441.51	153.85	96.46	74.64	944.75	22.4627	23.8034	20.5807	3.6054	6.7699	194.1223	1.3595
06:38:54	285.23	4.07	411.72	152.63	94.02	74.88	947.29	21.3476	22.6076	20.5807	3.6089	6.7788	194.8744	1.3652
06:38:55	285.23	4.03	411.72	150.18	92.80	74.88	950.85	20.2324	21.4055	20.4676	3.6123	6.7874	195.6093	1.3709
06:38:56	285.10	4.01	412.21	145.30	90.35	74.64	953.90	20.0731	21.2150	20.6938	3.6156	6.7958	196.3384	1.3767
06:38:57	285.10	3.99	412.21	145.30	90.35	74.64	955.42	19.9138	21.0401	20.6938	3.6189	6.8036	197.0633	1.3824
06:38:58	315.87	4.01	412.21	146.52	90.35	74.64	953.39	19.5951	20.6906	20.8069	3.6221	6.8112	197.7838	1.3882
06:38:59	315.75	4.01	411.72	148.52	90.35	74.88	951.36	18.9579	20.0136	20.9200	3.6252	6.8187	198.5054	1.3940
06:39:00	315.75	4.07	412.21	140.42	86.69	74.64	902.03	18.9579	20.0084	20.9200	3.6284	6.8261	199.2235	1.3998
06:39:01	315.75	4.09	411.72	129.43	79.37	74.64	720.51	19.1172	20.1829	20.6938	3.6318	6.8336	199.9374	1.4056
06:39:02	315.75	4.17	411.72	111.11	70.82	74.40	702.20	19.1172	20.1829	20.6938	3.6353	6.8410	200.6512	1.4113
06:39:03	315.75	4.23	412.21	103.79	67.16	74.40	682.88	18.3207	19.3570	19.6761	3.6387	6.8482	201.3398	1.4168
06:39:04	315.75	4.23	412.21	103.79	67.16	74.64	682.88	16.8869	17.8467	15.4921	3.6418	6.8548	201.8846	1.4211
06:39:05	315.87	4.37	379.49	100.12	69.60	74.64	668.14	14.4972	15.3387	9.1596	3.6444	6.8605	202.2135	1.4236
06:39:06	315.87	4.41	379.49	98.90	65.93	74.64	666.10	13.5413	14.3377	5.8802	3.6469	6.8658	202.4274	1.4253
06:39:07	315.75	4.47	379.98	96.46	63.49	74.40	665.08	13.5413	14.3377	5.8802	3.6494	6.8711	202.6413	1.4269
06:39:08	349.08	4.51	379.98	94.02	59.83	74.40	665.08	13.0634	13.8575	0.5654	3.6518	6.8758	202.6625	1.4270
06:39:09	349.08	4.54	379.49	92.80	58.61	74.64	663.05	12.9041	13.6963	0.1131	3.6541	6.8805	202.6668	1.4271
06:39:10	349.08	4.57	379.49	91.58	57.39	74.64	666.10	12.5855	13.3692	0.1131	3.6565	6.8851	202.6712	1.4271
06:39:11	349.08	4.59	379.98	91.58	58.61	74.40	797.80	12.2669	13.0382	0.1131	3.6589	6.8895	202.6756	1.4271
06:39:12	349.08	4.60	379.98	94.02	62.27	74.40	1066.78	12.1076	12.8729	0.1131	3.6614	6.8939	202.6800	1.4272
06:39:13	349.08	4.60	379.49	106.23	73.26	74.40	1165.93	11.9483	12.7094	0.1131	3.6638	6.8983	202.6844	1.4272
06:39:14	349.21	4.60	403.42	130.65	81.81	74.16	1287.97	11.9483	12.7121	0.7916	3.6663	6.9026	202.7157	1.4274
06:39:15	349.21	4.60	403.91	167.28	90.35	74.40	1487.29	12.2669	13.0538	3.9578	3.6688	6.9071	202.8724	1.4285
06:39:16	349.21	4.60	403.91	278.39	125.76	74.40	1667.29	13.8600	14.7490	5.9933	3.6716	6.9121	203.1097	1.4302
06:39:17	349.08	4.60	403.91	455.43	173.38	74.40	1729.32	17.0462	18.1396	7.5764	3.6750	6.9187	203.4097	1.4323
06:39:18	323.93	4.57	403.91	595.85	235.65	74.40	1363.73	21.8255	23.2255	9.1596	3.6795	6.9271	203.7725	1.4348
06:39:19	323.81	4.56	403.91	564.10	244.20	74.40	1565.09	36.3227	38.6527	11.6473	3.6869	6.9412	204.2337	1.4381
06:39:20	323.81	4.53	403.91	658.12	268.62	74.40	1745.59	59.4227	63.2344	13.1174	3.6990	6.9641	204.7531	1.4417
06:39:21	323.93	4.53	403.42	1153.85	455.43	74.64	1839.15	77.7433	82.6922	14.2482	3.7136	6.9942	205.3135	1.4457
06:39:22	323.93	4.49	403.42	1334.55	561.66	74.64	1178.65	73.6013	78.2744	16.2836	3.7275	7.0226	205.9523	1.4502
06:39:23	323.81	4.44	403.91	1039.07	493.28	74.64	967.12	85.8682	91.2823	18.2060	3.7437	7.0558	206.6617	1.4553
06:39:24	323.81	4.42	427.84	600.73	343.10	74.88	957.97	150.5480	160.0405	21.1461	3.7721	7.1138	207.4855	1.4611
06:39:25	323.81	4.40	427.35	423.69	274.73	74.88	940.17	174.1259	185.0093	21.2592	3.8049	7.1810	208.3067	1.4670
06:39:26	323.81	4.33	427.35	280.83	201.47	74.64	931.53	135.5729	143.9572	21.0330	3.8304	7.2333	209.1106	1.4729
06:39:27	323.81	4.30	427.35	231.99	170.94	74.88	928.47	78.3806	83.2021	20.9200	3.8452	7.2653	209.9060	1.4787
06:39:28	296.70	4.22	427.35	203.91	144.08	74.88	928.47	55.2806	58.6690	20.4676	3.8556	7.2878	210.6815	1.4844
06:39:29	296.70	4.19	427.35	183.15	130.65	74.88	928.47	36.6413	38.8490	20.2415	3.8624	7.3027	211.4354	1.4900
06:39:30	296.70	4.14	426.86	173.38	117.22	74.88	928.47	30.2689	32.0794	20.3545	3.8681	7.3151	212.1881	1.4957
06:39:31	296.70	4.07	427.84	161.17	102.56	74.64	933.56	26.6048	28.1655	20.2415	3.8727	7.3259	212.9231	1.5013
06:39:32	296.70	4.03	427.35	153.85	97.68	74.88	936.61	23.8965	25.2892	20.3545	3.8768	7.3356	213.6573	1.5069
06:39:33	296.70	3.98	427.84	148.96	95.24	74.88	941.19	22.6220	23.9243	20.2415	3.8807	7.3448	214.3787	1.5126
06:39:34	296.70	3.95	417.58	142.86	89.13	74.64	945.25	21.0289	22.2177	20.3545	3.8843	7.3533	215.0910	1.5182
06:39:35	296.70	3.90	417.58	144.08	87.91	74.64	945.25	20.0731	21.1968	20.3545	3.8878	7.3615	215.7966	1.5239
06:39:36	296.70	3.90	417.58	144.08	87.91	74.64	945.25	19.4358	20.5090	20.4676	3.8911	7.3694	216.4964	1.5295
06:39:37	296.70	3.90	417.58	146.52	86.69	74.64	927.46	18.6393	19.6613	20.5807	3.8943	7.3768	217.1952	1.5353
06:39:38	296.83	3.92	417.58	144.08	86.69	74.64	927.46	18.7986	19.8181	20.5807	3.8975	7.3842	217.8865	1.5410
06:39:39	323.81	3.96	417.58	140.42	87.91	74.88	931.02	18.7986	19.8181	20.5807	3.9007	7.3917	218.5778	1.5467
06:39:40	323.93	3.98	417.58	139.19	89.13	74.88	933.56	19.1172	20.1540	20.2415	3.9040	7.3992	219.2576	1.5523
06:39:41	323.81	4.05	417.58	137.97	90.35	74.64	694.58	18.7986	19.8211	20.3545	3.9072	7.4067	219.9433	1.5580
06:39:42	323.81	4.08	417.58	125.76	87.91	74.88	701.19	18.3207	19.3282	20.3545	3.9106	7.4139	220.6359	1.5636
06:39:43	323.81	4.14	418.07	118.00	86.69	74.88	695.08	18.1614	19.1651	20.4676	3.9140	7.4211	221.3357	1.5693
06:39:44	323.81	4.20	417.58	109.89	85.47	74.64	679.32	18.0020	19.0157	17.0752	3.9174	7.4283	221.9304	1.5741
06:39:45	323.81	4.33	405.86	105.01	83.03	74.88	668.14	16.4089	17.3410	10.8558	3.9205	7.4348	222.3118	1.5771
06:39:46	323.81	4.40	405.37	103.79	80.59	74.88	665.08	15.1345	16.0057	7.6895	3.9233	7.4408	222.5856	1.5792
06:39:47	323.81	4.44	405.86	102.56	80.59	74.88	665.08	14.3379	15.1759	4.6363	3.9260	7.4465	222.7531	1.5805
06:39:48	371.55	4.48	405.37	102.56	80.59	74.88	661.02	13.7007	14.5254	0.7916	3.9286	7.4518	222.7826	1.5807
06:39:49	371.55	4.52	405.86	102.56	79.37	74.88	663.56	13.5413	14.3706	0.1131	3.9311	7.4570	222.7869	1.5807
06:39:50	371.55	4.55	405.86	102.56	79.37	74.88	667.12	13.3820	14.2082	0.1131	3.9337	7.4622	222.7912	1.5808

06:39:51	371.55	4.56	405.37	101.34	78.14	74.88	764.24	13.3820	14.2175	0.1131	3.9365	7.4674	222.7956	1.5808
06:39:52	371.55	4.59	405.37	102.56	80.59	74.88	1011.87	13.3820	14.2248	0.1131	3.9394	7.4726	222.7999	1.5808
06:39:53	371.55	4.59	405.37	124.54	86.69	74.88	1165.93	13.3820	14.2307	0.1131	3.9423	7.4778	222.8044	1.5809
06:39:54	371.55	4.59	425.89	148.96	96.46	74.88	1287.46	13.2227	14.0642	0.6785	3.9452	7.4829	222.8310	1.5811
06:39:55	371.55	4.59	425.89	211.23	125.76	75.13	1496.44	13.3820	14.2381	3.8447	3.9481	7.4881	222.9827	1.5821
06:39:56	371.55	4.59	425.89	311.36	162.39	75.13	1700.34	16.2496	17.2891	5.9933	3.9516	7.4944	223.2193	1.5838
06:39:57	371.55	4.59	425.89	311.36	162.39	75.13	1700.34	19.4358	20.6791	7.5764	3.9558	7.5023	223.5183	1.5859
06:39:58	371.55	4.56	425.89	725.27	275.95	75.13	1692.20	27.5607	29.3237	9.9511	3.9618	7.5136	223.9110	1.5887
06:39:59	337.85	4.55	425.89	996.34	340.66	75.13	1638.31	40.6241	43.2228	11.7604	3.9706	7.5301	224.3751	1.5919
06:40:00	337.85	4.53	425.40	1029.30	360.20	75.13	1705.43	40.6241	43.2228	11.7604	3.9794	7.5467	224.8393	1.5952
06:40:01	337.85	4.49	425.40	1094.02	361.42	75.13	1625.09	94.6302	100.6525	15.2659	3.9998	7.5852	225.4387	1.5994
06:40:02	337.85	4.46	425.89	995.12	344.32	75.13	1179.68	129.9971	138.2329	17.7537	4.0254	7.6382	226.1333	1.6044
06:40:03	337.85	4.42	425.89	611.72	268.62	75.13	946.78	134.2984	142.7625	19.7892	4.0518	7.6928	226.9037	1.6099
06:40:04	337.85	4.40	443.96	427.35	225.89	74.88	950.34	142.7419	151.6675	20.5807	4.0799	7.7508	227.6986	1.6156
06:40:05	337.85	4.31	443.96	284.49	179.49	75.13	952.37	129.8377	137.9066	21.0330	4.1054	7.8036	228.5061	1.6214
06:40:06	337.85	4.29	443.96	238.10	157.51	75.13	953.39	79.8144	84.7219	20.5807	4.1210	7.8361	229.2879	1.6271
06:40:07	337.85	4.21	444.44	207.57	135.53	74.88	950.34	55.7585	59.1716	20.6938	4.1320	7.8597	230.0705	1.6329
06:40:08	308.42	4.17	443.96	175.82	113.55	75.13	946.78	37.1192	39.3486	20.9200	4.1393	7.8754	230.8470	1.6387
06:40:09	308.42	4.11	443.47	162.39	102.56	75.13	945.76	31.0655	32.9193	20.8069	4.1454	7.8886	231.6143	1.6445
06:40:10	308.42	4.07	443.96	155.07	98.90	75.13	943.22	27.0827	28.6707	20.8069	4.1507	7.9000	232.3684	1.6503
06:40:11	308.42	4.00	443.47	151.40	94.02	74.88	940.17	22.9406	24.2719	20.5807	4.1548	7.9097	233.1073	1.6560
06:40:12	308.42	3.96	443.47	150.18	95.24	75.13	940.17	21.1882	22.3992	20.5807	4.1585	7.9186	233.8352	1.6617
06:40:13	308.42	3.91	443.96	151.40	96.46	75.13	940.17	20.2324	21.3765	20.5807	4.1622	7.9272	234.5555	1.6674
06:40:14	308.42	3.89	431.26	153.85	96.46	75.13	940.17	19.7544	20.8532	20.5807	4.1657	7.9355	235.2640	1.6731
06:40:15	308.42	3.88	431.75	153.85	97.68	74.88	940.17	19.5951	20.6743	20.4676	4.1692	7.9437	235.9618	1.6788
06:40:16	308.55	3.88	431.26	152.63	96.46	75.13	941.70	19.7544	20.8284	20.5807	4.1727	7.9521	236.6544	1.6845
06:40:17	308.42	3.88	431.75	151.40	97.68	75.13	942.71	20.0731	21.1588	20.4676	4.1763	7.9603	237.3398	1.6902
06:40:18	336.87	3.89	431.75	151.40	101.34	75.13	945.25	20.0731	21.1544	20.4676	4.1798	7.9685	238.0225	1.6959
06:40:19	336.87	3.91	431.75	151.40	103.79	75.13	947.80	19.9138	20.9866	20.5807	4.1834	7.9766	238.7089	1.7016
06:40:20	336.87	3.96	431.75	151.40	106.23	75.13	884.75	19.7544	20.8187	20.4676	4.1869	7.9847	239.3915	1.7073
06:40:21	336.75	4.02	431.75	144.08	102.56	75.37	633.56	19.7544	20.8230	20.5807	4.1907	7.9928	240.0800	1.7130
06:40:22	336.87	4.08	431.75	131.87	97.68	75.13	712.37	19.7544	20.8284	20.8069	4.1946	8.0009	240.7796	1.7188
06:40:23	336.75	4.16	431.75	123.32	91.58	75.13	677.80	19.7544	20.8424	19.3368	4.1984	8.0090	241.4381	1.7242
06:40:24	336.87	4.23	418.07	112.33	89.13	75.37	681.36	18.7986	19.8504	13.1174	4.2021	8.0167	241.8919	1.7278
06:40:25	336.87	4.30	418.07	107.45	86.69	75.13	669.15	17.2055	18.1832	9.6119	4.2054	8.0237	242.2296	1.7305
06:40:26	336.87	4.36	418.07	106.23	86.69	75.37	666.61	16.0903	17.0223	5.2017	4.2086	8.0303	242.4159	1.7319
06:40:27	336.87	4.43	418.07	103.79	85.47	75.37	662.03	14.6565	15.5191	2.4878	4.2114	8.0362	242.5064	1.7326
06:40:28	363.49	4.49	417.58	102.56	85.47	75.37	662.03	14.0193	14.8582	1.3570	4.2142	8.0418	242.5565	1.7330
06:40:29	363.49	4.54	418.07	102.56	80.59	75.37	664.07	13.8600	14.7015	0.5654	4.2169	8.0473	242.5777	1.7332
06:40:30	363.61	4.58	417.58	102.56	78.14	75.37	663.05	13.5413	14.3762	0.1131	4.2195	8.0527	242.5821	1.7332
06:40:31	363.61	4.60	417.58	98.90	73.26	75.37	885.28	13.3820	14.2188	0.1131	4.2224	8.0580	242.5864	1.7332
06:40:32	363.49	4.63	417.58	100.12	72.04	75.13	1046.95	13.3820	14.2283	0.1131	4.2252	8.0634	242.5908	1.7332
06:40:33	363.61	4.65	417.58	106.23	74.48	75.13	1141.02	13.3820	14.2357	0.1131	4.2280	8.0687	242.5953	1.7333
06:40:34	363.61	4.67	438.10	135.53	78.14	75.13	1318.98	12.9041	13.7322	2.9401	4.2308	8.0739	242.7117	1.7341
06:40:35	363.61	4.66	437.61	174.60	80.59	74.88	1443.56	13.0634	13.9061	4.2971	4.2335	8.0791	242.8827	1.7353
06:40:36	363.61	4.66	437.61	290.60	94.02	75.13	1718.14	13.8600	14.7586	5.7671	4.2365	8.0847	243.1134	1.7369
06:40:37	363.61	4.66	437.61	290.60	94.02	74.88	1718.14	17.6834	18.8358	8.0287	4.2402	8.0921	243.4362	1.7391
06:40:38	329.30	4.63	437.61	837.61	202.69	74.88	1603.22	22.7813	24.2609	9.6119	4.2451	8.1016	243.8214	1.7418
06:40:39	329.30	4.62	437.61	1000.00	260.07	74.88	1630.68	37.9158	40.3782	11.9866	4.2531	8.1175	244.3017	1.7451
06:40:40	329.43	4.59	437.61	1061.05	301.59	74.88	1678.48	37.9158	40.3782	11.9866	4.2611	8.1334	244.7820	1.7484
06:40:41	329.30	4.59	437.61	1123.32	345.54	74.88	1681.02	109.2867	116.3289	16.1706	4.2821	8.1792	245.4256	1.7529
06:40:42	329.30	4.54	437.12	981.68	362.64	74.88	1094.75	130.4750	138.8610	18.0929	4.3071	8.2338	246.1439	1.7580
06:40:43	329.30	4.53	438.10	715.51	315.02	74.64	952.88	138.4405	147.2852	19.4499	4.3337	8.2918	246.9115	1.7634
06:40:44	329.30	4.47	458.12	421.25	242.98	74.88	953.90	146.5653	155.9290	20.4676	4.3618	8.3532	247.7192	1.7691
06:40:45	329.30	4.42	458.12	316.24	208.35	74.88	950.34	128.0853	136.1839	20.9200	4.3864	8.4067	248.5364	1.7749
06:40:46	329.30	4.37	457.63	252.75	181.93	74.88	947.80	93.3557	99.2379	20.8069	4.4043	8.4458	249.3464	1.7806
06:40:47	329.30	4.31	458.12	206.35	158.73	75.13	942.71	54.9620	58.3797	20.8069	4.4148	8.4699	250.1459	1.7864
06:40:48	290.23	4.25	458.12	190.48	141.64	75.13	939.15	41.2613	43.8022	20.6938	4.4227	8.4879	250.9334	1.7922
06:40:49	290.35	4.22	457.63	177.05	124.54	74.88	937.63	32.9772	34.9844	20.5807	4.4290	8.5023	251.7076	1.7979
06:40:50	290.23	4.13	458.12	158.73	105.01	74.88	936.10	26.9234	28.5400	20.5807	4.4341	8.5141	252.4714	1.8036
06:40:51	290.23	4.10	457.63	152.63	98.90	74.88	935.09	24.8524	26.3209	20.4676	4.4383	8.5249	253.2200	1.8093
06:40:52	290.11	4.01	458.12	145.30	95.24	74.88	937.12	23.1000	24.4535	20.3545	4.4422	8.5350	253.9584	1.8149
06:40:53	290.23	3.99	458.12	142.86	95.24	74.88	939.15	20.7103	21.8989	20.3545	4.4457	8.5440	254.6817	1.8206
06:40:54	290.23	3.94	437.61	141.64	94.02	74.88	942.71	19.9138	21.0468	20.3545	4.4490	8.5527	255.3989	1.8263
06:40:55	290.23	3.94	437.61	139.19	89.13	74.88	943.73	18.9579	20.0148	20.3545	4.4522	8.5609	256.1017	1.8319
06:40:56	290.35	3.92	437.61	135.53	86.69	74.64	946.27	18.6393	19.6713	20.4676	4.4553	8.5690	256.8035	1.8376
06:40:57	290.23	3.92	437.61	131.87	85.47	74.64	947.80	18.4800	19.4900	20.5807	4.4584	8.5767	257.5003	1.8433

06:40:58	323.32	3.94	437.12	131.87	85.47	74.64	946.78	18.1614	19.1540	20.5807	4.4615	8.5842	258.1971	1.8490
06:40:59	323.32	3.97	438.10	134.31	84.25	74.64	943.73	17.6834	18.6461	20.5807	4.4644	8.5916	258.8911	1.8547
06:41:00	323.44	4.02	437.61	130.65	83.03	74.64	827.29	17.2055	18.1421	20.8069	4.4673	8.5987	259.5928	1.8605
06:41:01	323.44	4.05	437.61	123.32	80.59	74.88	658.47	17.2055	18.1479	20.5807	4.4705	8.6058	260.2903	1.8662
06:41:02	323.32	4.16	437.12	109.89	75.70	74.64	703.22	17.5241	18.4907	20.5807	4.4738	8.6131	260.9926	1.8720
06:41:03	323.32	4.22	437.61	103.79	74.48	74.88	682.88	17.0462	17.9995	17.8668	4.4770	8.6202	261.6107	1.8769
06:41:04	323.44	4.29	418.07	101.34	72.04	74.88	682.88	16.0903	16.9972	14.3613	4.4800	8.6269	262.1114	1.8809
06:41:05	323.32	4.37	417.58	97.68	64.71	74.64	673.73	14.3379	15.1672	8.7072	4.4827	8.6328	262.4228	1.8833
06:41:06	323.32	4.44	418.07	94.02	61.05	74.64	668.14	13.5413	14.3372	5.6540	4.4852	8.6385	262.6283	1.8849
06:41:07	323.32	4.51	417.58	92.80	57.39	74.40	669.15	13.2227	14.0114	2.4878	4.4877	8.6438	262.7200	1.8856
06:41:08	343.22	4.57	417.58	91.58	56.17	74.64	668.14	12.7448	13.5204	0.4523	4.4901	8.6488	262.7371	1.8857
06:41:09	343.22	4.57	417.58	91.58	56.17	74.64	668.14	12.2669	13.0255	0.1131	4.4924	8.6537	262.7414	1.8857
06:41:10	343.22	4.62	417.58	90.35	56.17	74.40	671.70	12.1076	12.8676	0.1131	4.4947	8.6586	262.7458	1.8858
06:41:11	343.22	4.67	417.58	91.58	56.17	74.64	918.81	11.9483	12.7093	0.1131	4.4971	8.6633	262.7502	1.8858
06:41:12	343.10	4.67	417.58	95.24	59.83	74.40	1077.46	11.9483	12.7093	0.1131	4.4995	8.6681	262.7547	1.8858
06:41:13	343.22	4.71	417.58	114.77	69.60	74.40	1245.25	11.7889	12.5476	0.1131	4.5018	8.6728	262.7592	1.8859
06:41:14	343.10	4.70	435.65	140.42	76.92	74.40	1380.00	11.9483	12.7264	3.0532	4.5042	8.6776	262.8819	1.8867
06:41:15	343.10	4.70	436.14	186.81	90.35	74.40	1527.97	12.4262	13.2354	4.4102	4.5067	8.6826	263.0592	1.8879
06:41:16	343.10	4.70	436.14	283.27	146.52	74.40	1775.09	14.9752	15.9586	7.0110	4.5097	8.6886	263.3434	1.8899
06:41:17	343.22	4.70	436.14	521.37	197.80	74.40	1302.20	18.3207	19.5198	8.5941	4.5134	8.6962	263.6907	1.8923
06:41:18	322.47	4.70	436.14	496.95	212.45	74.40	1331.19	24.3744	25.9699	10.1773	4.5182	8.7064	264.1019	1.8951
06:41:19	322.34	4.65	436.14	473.75	224.66	74.64	1578.31	36.9599	39.3791	12.7781	4.5256	8.7218	264.6182	1.8987
06:41:20	322.22	4.65	435.65	578.75	258.85	74.64	1755.76	68.0254	72.4780	13.5697	4.5393	8.7503	265.1665	1.9024
06:41:21	322.34	4.61	436.14	879.12	354.09	74.64	1629.15	64.8392	69.0807	14.2482	4.5515	8.7774	265.7422	1.9064
06:41:22	322.34	4.59	436.14	1034.19	432.23	74.88	1062.71	61.8123	65.8149	16.6229	4.5631	8.8032	266.4072	1.9110
06:41:23	322.34	4.54	436.14	770.45	368.74	74.88	946.27	75.5130	80.4027	18.6583	4.5773	8.8347	267.1536	1.9162
06:41:24	322.47	4.50	451.77	460.32	271.06	74.88	949.32	114.7033	122.0677	20.6938	4.5988	8.8826	267.9744	1.9219
06:41:25	322.47	4.45	451.77	341.88	227.11	74.88	950.85	134.9357	143.5546	21.2592	4.6241	8.9389	268.8134	1.9278
06:41:26	322.47	4.39	452.26	275.95	195.36	74.88	950.85	100.5247	106.8793	20.5807	4.6430	8.9808	269.6174	1.9336
06:41:27	322.47	4.31	451.77	221.00	163.61	74.88	946.78	60.0599	63.8203	20.6938	4.6543	9.0067	270.4181	1.9393
06:41:28	289.62	4.26	452.26	202.69	148.96	74.88	944.24	44.6068	47.3678	20.8069	4.6626	9.0260	271.2140	1.9451
06:41:29	289.62	4.18	452.26	189.26	135.53	74.88	939.66	36.0041	38.2010	20.6938	4.6694	9.0415	271.9946	1.9508
06:41:30	289.62	4.14	452.26	177.05	123.32	74.88	938.64	28.8351	30.5645	20.6938	4.6748	9.0539	272.7619	1.9566
06:41:31	289.62	4.09	451.77	168.50	109.89	75.13	938.64	26.4455	28.0110	20.5807	4.6792	9.0653	273.5161	1.9623
06:41:32	289.62	4.00	451.77	161.17	101.34	75.13	937.63	24.6931	26.1264	20.5807	4.6834	9.0759	274.2557	1.9680
06:41:33	289.62	3.96	451.77	156.29	95.24	74.88	937.63	23.1000	24.4282	20.4676	4.6872	9.0859	274.9844	1.9737
06:41:34	289.74	3.91	429.79	145.30	91.58	75.13	940.17	21.9848	23.2333	20.4676	4.6909	9.0953	275.7042	1.9794
06:41:35	289.62	3.89	429.79	135.53	87.91	74.88	941.70	21.0289	22.1978	20.4676	4.6944	9.1043	276.4088	1.9851
06:41:36	289.74	3.87	429.30	126.98	85.47	74.88	942.71	20.3917	21.5140	20.4676	4.6978	9.1131	277.1066	1.9908
06:41:37	289.62	3.88	429.30	118.44	79.37	74.88	946.78	18.9579	19.9868	20.4676	4.7010	9.1208	277.7947	1.9964
06:41:38	330.77	3.90	429.30	116.00	76.92	74.64	951.36	17.6834	18.6383	20.5807	4.7040	9.1280	278.4832	2.0022
06:41:39	330.77	3.92	429.79	118.44	76.92	74.88	953.39	16.5683	17.4584	20.5807	4.7067	9.1347	279.1683	2.0079
06:41:40	330.77	3.93	429.30	124.54	79.37	74.64	807.46	15.4531	16.2858	20.5807	4.7093	9.1410	279.8554	2.0136
06:41:41	330.77	3.99	429.30	120.88	79.37	74.64	669.66	15.1345	15.9554	20.6938	4.7122	9.1472	280.5497	2.0193
06:41:42	330.77	4.06	429.30	109.89	75.70	74.40	710.34	15.4531	16.2947	20.9200	4.7152	9.1535	281.2545	2.0252
06:41:43	330.77	4.12	429.30	105.01	75.70	74.64	690.51	16.2496	17.1382	17.5275	4.7183	9.1601	281.8473	2.0300
06:41:44	330.77	4.20	429.30	102.56	74.48	74.88	682.37	15.7717	16.6462	14.4743	4.7213	9.1665	282.3437	2.0340
06:41:45	330.77	4.27	405.37	100.12	73.26	74.88	675.25	14.3379	15.1470	9.1596	4.7240	9.1724	282.6633	2.0366
06:41:46	330.77	4.34	405.37	100.12	72.04	74.88	673.22	13.7007	14.4865	6.2194	4.7266	9.1780	282.8839	2.0383
06:41:47	330.77	4.41	405.86	98.90	70.82	74.64	667.63	13.3820	14.1636	3.5055	4.7292	9.1834	283.0105	2.0393
06:41:48	369.60	4.47	405.86	97.68	69.60	74.64	669.15	13.0634	13.8392	1.0177	4.7317	9.1885	283.0478	2.0396
06:41:49	369.60	4.49	405.37	97.68	68.38	74.88	669.15	13.0634	13.8521	0.1131	4.7342	9.1935	283.0521	2.0396
06:41:50	369.60	4.55	405.86	96.46	65.93	74.64	669.15	12.9041	13.6960	0.1131	4.7367	9.1985	283.0564	2.0396

12-MAY-93 06:52 LACMTA Emissions Testing Facility

Test : RTD MODIFIED COMMUTER PHASE OF ADB CYCLE
Test number : 1070
Test options: Dilute Modal Bag Diesel Auxiliary data Second by Second Data Particulate sampling Smoke meter

TEST TIME (s)	--DILUTE CONCENTRATIONS-- HC (PPM)	CO (PPM)	NOx (PPM)	CO2 (%)	--------MODAL GRAMS-------- HC	CO	NOx	CO2	EXH VOL (Cu.f)	DIL. RATIO	A/F RATIO	DRIV. VIOL. (s)	DIST-ANCE (Mi)	SPEED	FUEL Mpg-US Gal/Hr	SMOKE MTR (%)	----AUXILIARY SIGNALS---- DIL			
0 DL	4.6	3.8	13.8	0.14	0.004	0.006	0.04	3.50	48.26	70.48	24.05	0.0	0.000	0.0	1.25	3.18	191.7	0.0	0.0	0.0
1 DL	4.6	3.8	13.8	0.14	0.004	0.006	0.04	3.50	48.26	70.47	24.05	0.0	0.000	0.0	1.25	3.11	191.7	0.0	0.0	0.0
2 DL	4.6	3.8	13.8	0.14	0.004	0.006	0.04	3.51	48.25	70.45	24.05	0.0	0.000	0.0	1.25	3.18	191.6	0.0	0.0	0.0
3 DL	4.6	3.8	13.7	0.14	0.004	0.006	0.04	3.50	48.27	70.57	24.07	0.0	0.000	0.0	1.24	3.15	191.5	0.0	0.0	0.0
4 DL	4.6	3.8	13.6	0.14	0.004	0.006	0.04	3.48	48.26	70.79	24.09	0.0	0.000	0.0	1.24	3.15	191.5	0.0	0.0	0.0
5 DL	4.6	3.8	13.4	0.14	0.004	0.006	0.04	3.47	48.26	71.00	24.12	0.0	0.000	0.0	1.23	3.33	191.5	0.0	0.0	0.0
6 DL	4.5	3.7	13.7	0.14	0.004	0.006	0.04	3.46	48.26	71.19	24.14	0.0	0.000	0.0	1.23	3.28	191.5	0.0	0.0	0.0
7 DL	4.5	3.6	13.9	0.14	0.004	0.006	0.04	3.45	48.27	71.34	24.16	0.0	0.000	0.0	1.23	3.24	191.3	0.0	0.0	0.0
8 DL	4.5	3.6	13.8	0.14	0.004	0.006	0.04	3.44	48.26	71.51	24.18	0.0	0.000	0.0	1.22	3.27	191.3	0.0	0.0	0.0
9 DL	4.5	3.6	13.6	0.14	0.004	0.006	0.04	3.43	48.27	71.66	24.20	0.0	0.000	0.0	1.22	3.27	191.3	0.0	0.0	0.0
10 DL	4.5	3.5	13.8	0.14	0.004	0.006	0.04	3.42	48.26	71.70	24.20	0.0	0.000	0.0	1.22	3.27	191.4	0.0	0.0	0.0
11 DL	4.5	3.5	13.8	0.14	0.004	0.006	0.04	3.42	48.27	71.70	24.20	0.0	0.000	0.0	1.22	3.11	191.5	0.0	0.0	0.0
12 DL	4.4	3.5	14.0	0.14	0.004	0.006	0.04	3.42	48.27	71.80	24.21	0.0	0.000	0.0	1.22	3.02	191.6	0.0	0.0	0.0
13 DL	4.4	3.4	14.0	0.14	0.003	0.005	0.04	3.41	48.27	71.86	24.22	0.0	0.000	0.0	1.21	2.90	191.5	0.0	0.0	0.0
14 DL	4.4	3.4	14.0	0.14	0.003	0.005	0.04	3.42	48.26	71.84	24.22	0.0	0.000	0.0	1.21	2.86	191.5	0.0	0.0	0.0
15 DL	4.4	3.4	13.9	0.14	0.003	0.005	0.04	3.41	48.26	71.85	24.22	0.0	0.000	0.0	1.21	2.94	191.5	0.0	0.0	0.0
16 DL	4.4	3.4	14.0	0.14	0.003	0.005	0.04	3.41	48.26	71.93	24.23	0.0	0.000	0.0	1.21	3.02	191.4	0.0	0.0	0.0
17 DL	4.4	3.3	13.7	0.14	0.003	0.005	0.04	3.40	48.26	72.03	24.24	0.0	0.000	0.0	1.21	3.13	191.4	0.0	0.0	0.0
18 DL	4.4	3.3	13.7	0.14	0.003	0.005	0.04	3.40	48.26	72.10	24.25	0.0	0.000	0.0	1.21	3.07	191.5	0.0	0.0	0.0
19 DL	4.4	3.2	13.9	0.14	0.003	0.005	0.04	3.39	48.26	72.16	24.26	0.0	0.000	0.0	1.21	3.04	191.5	0.0	0.0	0.0
20 DL	4.4	3.4	14.2	0.14	0.003	0.005	0.04	3.39	48.25	72.18	24.26	0.0	0.000	0.0	1.21	3.06	191.6	0.0	0.0	0.0
21 DL	4.5	4.0	16.3	0.14	0.004	0.006	0.04	3.44	48.26	71.37	24.16	0.0	0.000	0.8	0.55	2.96	191.7	0.0	0.0	0.0
22 DL	4.7	5.6	20.4	0.15	0.004	0.009	0.05	3.65	48.27	68.40	23.80	0.0	0.001	2.9	2.20	3.30	191.7	0.0	0.0	0.0
23 DL	5.0	7.2	25.4	0.16	0.004	0.012	0.07	4.08	48.26	62.78	23.15	0.0	0.001	4.0	2.69	5.23	191.7	0.0	0.0	0.0
24 DL	5.2	8.9	29.3	0.19	0.004	0.014	0.08	4.70	48.26	56.25	22.45	0.0	0.001	4.9	2.92	5.34	191.7	0.0	0.0	0.0
25 DL	5.7	14.3	34.6	0.21	0.004	0.023	0.09	5.35	48.26	50.68	21.88	0.0	0.002	6.1	3.18	4.53	191.6	0.0	0.0	0.0
26 DL	6.6	28.8	43.8	0.25	0.005	0.046	0.11	6.28	48.26	44.29	21.25	0.0	0.002	7.5	3.30	6.49	191.5	0.0	0.0	0.0
27 DL	8.1	51.1	54.3	0.31	0.006	0.081	0.14	7.87	48.25	36.46	20.53	0.0	0.003	9.1	3.19	9.75	191.3	0.0	0.0	0.0
28 DL	9.7	74.0	67.7	0.40	0.008	0.118	0.18	10.01	48.25	29.43	19.93	0.0	0.003	10.8	2.96	11.94	191.3	0.0	0.0	0.0
29 DL	11.1	86.3	80.8	0.50	0.009	0.137	0.21	12.56	48.26	24.01	19.50	0.0	0.004	13.1	2.85	13.36	191.5	0.0	0.0	0.0
30 DL	11.8	86.8	87.6	0.60	0.009	0.139	0.23	15.20	48.71	20.36	19.22	0.0	0.004	15.3	2.79	11.50	191.7	0.0	0.0	0.0
31 DL	12.2	83.1	90.4	0.68	0.010	0.132	0.24	16.98	48.22	18.21	19.06	0.0	0.005	16.8	2.74	7.48	191.8	0.0	0.0	0.0
32 DL	12.4	77.3	87.4	0.73	0.010	0.123	0.23	18.22	48.22	17.07	18.98	0.0	0.005	18.3	2.79	6.32	192.0	0.0	0.0	0.0
33 DL	12.5	73.1	83.5	0.75	0.010	0.116	0.22	18.83	48.22	16.56	18.94	0.0	0.005	19.3	2.86	5.48	192.1	0.0	0.0	0.0
34 DL	12.8	73.2	82.5	0.77	0.010	0.116	0.22	19.21	48.21	16.26	18.92	0.0	0.006	20.4	2.96	4.82	192.0	0.0	0.0	0.0
35 DL	12.6	72.2	77.1	0.78	0.010	0.115	0.20	19.40	48.20	16.10	18.91	0.0	0.006	22.3	3.21	6.40	192.0	0.0	0.0	0.0
36 DL	11.8	67.2	71.2	0.75	0.009	0.107	0.19	18.77	48.18	16.62	18.94	0.0	0.006	22.7	3.39	6.13	192.0	0.0	0.0	0.0
37 DL	11.0	61.6	63.5	0.70	0.009	0.098	0.17	17.52	48.19	17.74	19.03	0.0	0.006	23.3	3.71	4.42	192.0	0.0	0.0	0.0
38 DL	10.5	59.5	58.6	0.65	0.008	0.095	0.15	16.19	48.19	19.08	19.13	0.0	0.007	23.8	4.11	4.95	192.0	0.0	0.0	0.0
39 DL	10.2	63.2	57.1	0.61	0.008	0.100	0.15	15.19	48.19	20.21	19.21	0.0	0.007	24.4	4.48	7.19	192.1	0.0	0.0	0.0
40 DL	10.2	79.5	61.6	0.59	0.008	0.126	0.16	14.70	48.20	20.78	19.25	0.0	0.007	25.0	4.74	11.31	192.2	0.0	0.0	0.0
41 DL	10.6	110.6	77.1	0.60	0.008	0.176	0.20	15.01	48.20	20.30	19.21	0.0	0.007	25.2	4.67	14.59	192.2	0.0	0.0	0.0
42 DL	12.1	137.4	107.6	0.68	0.010	0.218	0.28	16.94	48.22	18.15	19.04	0.0	0.007	25.9	4.20	19.00	192.4	0.0	0.0	0.0
43 DL	14.1	141.7	158.0	0.82	0.011	0.225	0.41	20.55	48.22	15.19	18.83	0.0	0.008	28.4	3.83	20.30	192.4	0.0	0.0	0.0
44 DL	15.2	128.9	190.3	0.98	0.012	0.205	0.50	24.36	48.19	12.95	18.67	0.0	0.008	30.7	3.49	16.74	192.6	0.0	0.0	0.0
45 DL	15.1	118.2	172.7	1.06	0.012	0.188	0.45	26.37	48.14	12.01	18.60	0.0	0.009	32.0	3.39	12.00	192.6	0.0	0.0	0.0

46	DL	14.3	127.7	144.1	1.05	0.011	0.203	0.38	26.18	48.14	12.08	18.61	0.0	0.009	33.0	3.51	7.47	192.6	0.0	0.0	0.0
47	DL	13.3	153.6	125.6	1.01	0.010	0.244	0.33	25.19	48.14	12.50	18.63	0.0	0.009	33.8	3.73	6.54	192.6	0.0	0.0	0.0
48	DL	12.4	187.1	117.3	0.98	0.010	0.297	0.31	24.51	48.16	12.79	18.65	0.0	0.010	34.7	3.92	7.89	192.6	0.0	0.0	0.0
49	DL	11.6	213.9	119.4	0.97	0.009	0.340	0.31	24.33	48.16	12.84	18.65	0.0	0.010	35.6	4.04	10.22	192.7	0.0	0.0	0.0
50	DL	11.1	214.9	129.6	0.99	0.009	0.341	0.34	24.81	48.16	12.61	18.63	0.0	0.010	36.7	4.09	12.56	192.8	0.0	0.0	0.0
51	DL	10.9	215.0	146.1	1.04	0.009	0.341	0.38	25.91	48.15	12.11	18.60	0.0	0.011	37.9	4.04	17.28	193.0	0.0	0.0	0.0
52	DL	10.9	215.0	167.2	1.10	0.009	0.341	0.44	27.33	48.15	11.52	18.56	0.0	0.011	39.1	3.96	22.84	193.1	0.0	0.0	0.0
53	DL	11.1	215.0	179.0	1.15	0.009	0.341	0.47	28.78	48.15	10.97	18.52	0.0	0.011	40.3	3.88	17.14	193.2	0.0	0.0	0.0
54	DL	11.2	215.0	160.9	1.18	0.009	0.341	0.42	29.55	48.14	10.70	18.50	0.0	0.011	41.2	3.86	10.18	193.3	0.0	0.0	0.0
55	DL	11.4	211.5	132.6	1.16	0.009	0.336	0.35	28.86	48.13	10.94	18.52	0.0	0.012	41.6	4.00	5.80	193.4	0.0	0.0	0.0
56	DL	11.5	183.0	112.9	1.10	0.009	0.290	0.29	27.41	48.14	11.52	18.56	0.0	0.012	42.1	4.26	5.06	193.5	0.0	0.0	0.0
57	DL	11.6	149.6	95.7	1.03	0.009	0.237	0.25	25.79	48.14	12.23	18.62	0.0	0.012	42.3	4.57	4.96	193.6	0.0	0.0	0.0
58	DL	11.6	123.8	81.3	0.96	0.009	0.196	0.21	23.88	48.13	13.19	18.69	0.0	0.012	42.4	4.95	3.98	193.8	0.0	0.0	0.0
59	DL	11.9	114.0	76.9	0.88	0.009	0.181	0.20	22.04	48.13	14.22	18.76	0.0	0.012	42.5	5.38	3.16	194.0	0.0	0.0	0.0
60	DL	12.2	122.1	84.3	0.84	0.010	0.194	0.22	20.96	48.15	14.89	18.81	0.0	0.012	42.9	5.70	3.97	194.0	0.0	0.0	0.0
61	DL	12.5	141.4	103.4	0.84	0.010	0.224	0.27	20.92	48.14	14.88	18.81	0.0	0.012	43.5	5.77	7.01	194.1	0.0	0.0	0.0
62	DL	12.8	157.7	131.8	0.88	0.010	0.250	0.34	21.96	48.15	14.21	18.75	0.0	0.012	44.3	5.60	7.48	194.2	0.0	0.0	0.0
63	DL	13.0	156.8	151.7	0.95	0.010	0.249	0.40	23.66	48.14	13.25	18.69	0.0	0.013	45.2	5.30	6.92	194.4	0.0	0.0	0.0
64	DL	13.3	138.1	143.4	1.00	0.010	0.219	0.37	25.01	48.14	12.60	18.64	0.0	0.013	45.8	5.10	5.74	194.4	0.0	0.0	0.0
65	DL	13.4	114.1	117.0	1.01	0.011	0.181	0.31	25.20	48.13	12.53	18.64	0.0	0.013	46.1	5.11	4.35	194.5	0.0	0.0	0.0
66	DL	13.5	98.6	94.6	0.97	0.011	0.156	0.25	24.22	48.12	13.03	18.68	0.0	0.013	46.1	5.32	3.39	194.7	0.0	0.0	0.0
67	DL	14.0	95.7	94.0	0.92	0.011	0.152	0.25	22.98	48.12	13.69	18.73	0.0	0.013	46.4	5.64	3.09	194.9	0.0	0.0	0.0
68	DL	14.4	95.2	104.6	0.91	0.011	0.151	0.27	22.59	48.13	13.91	18.74	0.0	0.013	46.9	5.80	5.26	194.9	0.0	0.0	0.0
69	DL	14.5	90.5	106.0	0.91	0.011	0.144	0.28	22.81	48.13	13.79	18.74	0.0	0.013	47.3	5.79	5.76	195.0	0.0	0.0	0.0
70	DL	14.7	90.3	104.7	0.92	0.012	0.143	0.27	22.84	48.12	13.77	18.73	0.0	0.013	47.4	5.81	4.80	195.1	0.0	0.0	0.0
71	DL	15.1	93.4	120.3	0.92	0.012	0.148	0.31	22.95	48.11	13.71	18.73	0.0	0.013	48.0	5.84	4.45	195.3	0.0	0.0	0.0
72	DL	15.3	88.0	126.9	0.95	0.012	0.140	0.33	23.65	48.11	13.33	18.70	0.0	0.014	48.6	5.75	5.32	195.3	0.0	0.0	0.0
73	DL	15.3	77.7	111.2	0.96	0.012	0.123	0.29	24.01	48.11	13.16	18.69	0.0	0.014	48.7	5.68	4.22	195.5	0.0	0.0	0.0
74	DL	15.5	71.7	102.2	0.95	0.012	0.114	0.27	23.60	48.11	13.38	18.71	0.0	0.014	48.9	5.81	3.34	195.6	0.0	0.0	0.0
75	DL	15.9	68.6	103.2	0.93	0.013	0.109	0.27	23.23	48.11	13.58	18.72	0.0	0.014	49.3	5.95	3.94	195.7	0.0	0.0	0.0
76	DL	16.2	63.7	101.7	0.93	0.013	0.101	0.27	23.18	48.11	13.62	18.73	0.0	0.014	49.6	6.00	4.40	195.7	0.0	0.0	0.0
77	DL	16.3	56.5	94.7	0.92	0.013	0.090	0.25	23.02	48.10	13.71	18.73	0.0	0.014	49.8	6.07	4.13	195.8	0.0	0.0	0.0
78	DL	16.4	49.7	81.7	0.90	0.013	0.079	0.21	22.44	48.10	14.06	18.76	0.0	0.014	49.7	6.22	3.46	195.8	0.0	0.0	0.0
79	DL	16.6	46.6	76.6	0.86	0.013	0.074	0.20	21.48	48.10	14.65	18.80	0.0	0.014	49.7	6.49	2.45	195.9	0.0	0.0	0.0
80	DL	17.1	51.0	85.1	0.84	0.013	0.081	0.22	20.82	48.11	15.08	18.83	0.0	0.014	49.9	6.72	2.61	196.0	0.0	0.0	0.0
81	DL	17.8	58.9	106.0	0.84	0.014	0.093	0.28	21.01	48.10	14.94	18.82	0.0	0.014	50.2	6.70	3.79	196.0	0.0	0.0	0.0
82	DL	18.0	59.3	116.3	0.89	0.014	0.094	0.30	22.12	48.11	14.23	18.77	0.0	0.014	50.8	6.43	5.27	196.1	0.0	0.0	0.0
83	DL	17.8	52.1	94.1	0.92	0.014	0.083	0.25	22.81	48.09	13.83	18.74	0.0	0.014	50.8	6.26	4.45	196.2	0.0	0.0	0.0
84	DL	17.7	44.2	66.6	0.88	0.014	0.070	0.17	21.95	48.09	14.36	18.78	0.0	0.014	50.4	6.46	2.84	196.4	0.0	0.0	0.0
85	DL	18.1	40.3	64.2	0.81	0.014	0.064	0.17	20.29	48.09	15.47	18.86	0.0	0.014	50.4	6.98	2.25	196.5	0.0	0.0	0.0
86	DL	18.6	41.7	76.6	0.78	0.015	0.066	0.20	19.37	48.10	16.15	18.91	0.0	0.014	50.6	7.33	2.75	196.6	0.0	0.0	0.0
87	DL	19.2	45.6	92.3	0.79	0.015	0.072	0.24	19.59	48.10	15.97	18.90	0.0	0.014	50.8	7.28	3.68	196.7	0.0	0.0	0.0
88	DL	19.5	47.3	104.0	0.82	0.015	0.075	0.27	20.50	48.10	15.30	18.85	0.0	0.014	51.2	7.00	4.33	196.9	0.0	0.0	0.0
89	DL	19.5	44.3	103.1	0.86	0.015	0.070	0.27	21.53	48.10	14.62	18.80	0.0	0.014	51.5	6.72	4.27	197.0	0.0	0.0	0.0
90	DL	19.3	39.2	86.1	0.88	0.015	0.062	0.22	21.87	48.09	14.41	18.79	0.0	0.014	51.5	6.62	3.42	197.1	0.0	0.0	0.0
91	DL	19.3	35.3	75.9	0.85	0.015	0.056	0.20	21.26	48.09	14.81	18.82	0.0	0.014	51.4	6.79	2.43	197.3	0.0	0.0	0.0
92	DL	19.5	33.5	78.4	0.83	0.015	0.053	0.20	20.57	48.08	15.27	18.85	0.0	0.014	51.5	7.03	2.29	197.4	0.0	0.0	0.0
93	DL	19.8	33.5	84.5	0.82	0.016	0.053	0.22	20.36	48.09	15.42	18.86	0.0	0.014	51.6	7.12	2.67	197.6	0.0	0.0	0.0
94	DL	20.1	34.2	91.0	0.83	0.016	0.054	0.24	20.58	48.09	15.27	18.85	0.0	0.014	51.8	7.08	3.12	197.7	0.0	0.0	0.0
95	DL	20.3	34.3	95.0	0.84	0.016	0.054	0.25	21.02	48.09	14.96	18.83	0.0	0.014	52.0	6.95	3.29	197.8	0.0	0.0	0.0
96	DL	20.3	33.5	96.1	0.86	0.016	0.053	0.25	21.46	48.08	14.68	18.81	0.0	0.015	52.2	6.84	3.34	198.0	0.0	0.0	0.0
97	DL	20.3	32.1	94.1	0.87	0.016	0.051	0.25	21.77	48.08	14.48	18.79	0.0	0.015	52.4	6.76	3.16	198.2	0.0	0.0	0.0
98	DL	20.4	31.1	91.8	0.88	0.016	0.049	0.24	21.87	48.08	14.42	18.79	0.0	0.015	52.5	6.75	2.94	198.5	0.0	0.0	0.0
99	DL	20.5	30.1	91.1	0.88	0.016	0.048	0.24	21.87	48.08	14.42	18.79	0.0	0.015	52.7	6.77	2.96	198.6	0.0	0.0	0.0
100	DL	20.6	28.6	89.9	0.88	0.016	0.045	0.23	21.82	48.07	14.45	18.79	0.0	0.015	52.8	6.80	2.83	198.8	0.0	0.0	0.0
101	DL	20.7	26.9	85.8	0.87	0.016	0.043	0.22	21.66	48.07	14.55	18.80	0.0	0.015	52.8	6.86	2.68	199.0	0.0	0.0	0.0
102	DL	20.7	25.4	81.0	0.86	0.016	0.040	0.21	21.33	48.07	14.77	18.81	0.0	0.015	52.8	6.97	2.47	199.2	0.0	0.0	0.0
103	DL	20.7	24.1	76.9	0.84	0.016	0.038	0.20	20.90	48.06	15.05	18.84	0.0	0.015	52.8	7.11	2.35	199.4	0.0	0.0	0.0
104	DL	20.9	23.2	74.4	0.82	0.016	0.037	0.19	20.44	48.08	15.38	18.86	0.0	0.015	52.8	7.27	2.29	199.5	0.0	0.0	0.0

105	DL	21.1	23.2	76.3	0.80	0.017	0.037	0.20	20.03	48.06	15.67	18.88	0.0	0.015	52.8	7.42	2.41	199.6	0.0	0.0	0.0
106	DL	21.4	24.3	82.9	0.80	0.017	0.039	0.22	19.93	48.08	15.74	18.89	0.0	0.015	52.9	7.47	2.48	199.8	0.0	0.0	0.0
107	DL	21.7	26.4	89.9	0.81	0.017	0.042	0.23	20.20	48.08	15.54	18.87	0.0	0.015	53.1	7.39	2.66	200.0	0.0	0.0	0.0
108	DL	22.0	27.7	94.8	0.83	0.017	0.044	0.25	20.76	48.07	15.14	18.84	0.0	0.015	53.3	7.21	3.20	200.2	0.0	0.0	0.0
109	DL	22.1	27.5	95.4	0.86	0.017	0.043	0.25	21.38	48.07	14.73	18.81	0.0	0.015	53.5	7.03	3.25	200.4	0.0	0.0	0.0
110	DL	22.0	26.2	90.3	0.87	0.017	0.042	0.24	21.72	48.06	14.51	18.80	0.0	0.015	53.5	6.93	3.05	200.6	0.0	0.0	0.0
111	DL	22.0	24.7	84.9	0.87	0.017	0.039	0.22	21.64	48.07	14.57	18.80	0.0	0.015	53.5	6.96	2.60	200.8	0.0	0.0	0.0
112	DL	22.0	23.7	81.1	0.86	0.017	0.038	0.21	21.31	48.06	14.78	18.82	0.0	0.015	53.5	7.07	2.41	200.9	0.0	0.0	0.0
113	DL	22.2	24.1	81.9	0.84	0.017	0.038	0.21	20.94	48.05	15.02	18.83	0.0	0.015	53.5	7.19	2.39	201.0	0.0	0.0	0.0
114	DL	22.5	26.9	89.2	0.84	0.018	0.043	0.23	20.86	48.06	15.07	18.84	0.0	0.015	53.6	7.23	2.49	201.2	0.0	0.0	0.0
115	DL	22.9	30.8	102.8	0.86	0.018	0.049	0.27	21.31	48.06	14.77	18.81	0.0	0.015	53.9	7.11	3.09	201.3	0.0	0.0	0.0
116	DL	23.3	33.8	116.7	0.89	0.018	0.053	0.30	22.26	48.06	14.17	18.77	0.0	0.015	54.2	6.84	3.71	201.5	0.0	0.0	0.0
117	DL	23.5	34.5	123.9	0.94	0.018	0.055	0.32	23.46	48.05	13.48	18.72	0.0	0.015	54.6	6.54	3.85	201.7	0.0	0.0	0.0
118	DL	23.4	32.9	118.3	0.98	0.018	0.052	0.31	24.44	48.05	12.97	18.68	0.0	0.015	54.9	6.31	3.89	201.8	0.0	0.0	0.0
119	DL	23.2	30.6	105.4	0.99	0.018	0.048	0.27	24.69	48.04	12.85	18.67	0.0	0.015	54.9	6.26	3.54	202.0	0.0	0.0	0.0
120	DL	23.1	28.5	97.5	0.98	0.018	0.045	0.25	24.32	48.04	13.03	18.69	0.0	0.015	55.0	6.36	3.12	202.1	0.0	0.0	0.0
121	DL	23.1	26.9	94.9	0.96	0.018	0.043	0.25	23.81	48.04	13.30	18.71	0.0	0.015	55.0	6.50	3.08	202.2	0.0	0.0	0.0
122	DL	23.2	25.5	92.3	0.94	0.018	0.040	0.24	23.40	48.04	13.52	18.72	0.0	0.015	55.1	6.63	3.12	202.3	0.0	0.0	0.0
123	DL	23.2	24.2	88.2	0.92	0.018	0.038	0.23	23.00	48.03	13.74	18.74	0.0	0.015	55.1	6.74	2.92	202.3	0.0	0.0	0.0
124	DL	23.2	22.9	81.4	0.90	0.018	0.036	0.21	22.52	48.04	14.02	18.76	0.0	0.015	55.1	6.89	2.82	202.4	0.0	0.0	0.0
125	DL	23.2	21.8	73.7	0.88	0.018	0.034	0.19	21.80	48.02	14.46	18.79	0.0	0.015	55.0	7.10	2.64	202.4	0.0	0.0	0.0
126	DL	23.5	21.4	71.3	0.84	0.018	0.034	0.19	20.94	48.04	15.02	18.83	0.0	0.015	54.8	7.37	2.58	202.4	0.0	0.0	0.0
127	DL	23.9	22.1	77.1	0.82	0.019	0.035	0.20	20.38	48.03	15.40	18.86	0.0	0.015	54.9	7.57	2.65	202.4	0.0	0.0	0.0
128	DL	24.2	23.4	85.1	0.82	0.019	0.037	0.22	20.42	48.03	15.37	18.86	0.0	0.015	55.0	7.57	2.96	202.6	0.0	0.0	0.0
129	DL	24.5	24.4	90.7	0.84	0.019	0.039	0.24	20.90	48.03	15.04	18.83	0.0	0.015	55.1	7.41	3.24	202.6	0.0	0.0	0.0
130	DL	24.5	24.3	90.9	0.86	0.019	0.038	0.24	21.46	48.04	14.67	18.81	0.0	0.015	55.2	7.24	3.40	202.6	0.0	0.0	0.0
131	DL	24.5	23.3	85.6	0.87	0.019	0.037	0.22	21.72	48.03	14.50	18.80	0.0	0.015	55.2	7.15	3.25	202.7	0.0	0.0	0.0
132	DL	24.4	22.0	79.6	0.87	0.019	0.035	0.21	21.59	48.04	14.59	18.80	0.0	0.015	55.2	7.19	2.93	202.8	0.0	0.0	0.0
133	DL	24.4	20.7	73.4	0.85	0.019	0.033	0.19	21.16	48.03	14.87	18.82	0.0	0.015	55.1	7.32	2.65	202.9	0.0	0.0	0.0
134	DL	24.4	20.0	68.2	0.82	0.019	0.032	0.18	20.51	48.02	15.31	18.86	0.0	0.015	54.9	7.53	2.45	203.0	0.0	0.0	0.0
135	DL	24.6	20.1	68.7	0.80	0.019	0.032	0.18	19.90	48.03	15.75	18.89	0.0	0.015	54.8	7.75	2.50	203.1	0.0	0.0	0.0
136	DL	24.8	20.9	74.4	0.79	0.019	0.033	0.19	19.64	48.04	15.95	18.90	0.0	0.015	54.9	7.86	2.60	203.3	0.0	0.0	0.0
137	DL	25.0	21.8	81.1	0.80	0.020	0.035	0.21	19.83	48.04	15.80	18.89	0.0	0.015	55.0	7.79	2.88	203.4	0.0	0.0	0.0
138	DL	25.1	22.2	85.2	0.82	0.020	0.035	0.22	20.29	48.03	15.46	18.87	0.0	0.015	55.0	7.63	3.02	203.5	0.0	0.0	0.0
139	DL	25.0	21.6	81.0	0.83	0.020	0.034	0.21	20.75	48.04	15.15	18.84	0.0	0.015	55.1	7.47	3.06	203.7	0.0	0.0	0.0
140	DL	25.0	20.8	70.1	0.83	0.020	0.033	0.18	20.64	48.03	15.22	18.85	0.0	0.015	54.9	7.48	2.76	203.8	0.0	0.0	0.0
141	DL	25.2	20.9	70.2	0.81	0.020	0.033	0.18	20.11	48.03	15.60	18.88	0.0	0.015	54.8	7.67	2.55	203.9	0.0	0.0	0.0
142	DL	25.4	21.5	77.1	0.80	0.020	0.034	0.20	19.87	48.04	15.78	18.89	0.0	0.015	54.9	7.77	2.75	204.1	0.0	0.0	0.0
143	DL	25.6	22.0	83.5	0.81	0.020	0.035	0.22	20.07	48.03	15.62	18.88	0.0	0.015	55.0	7.70	2.94	204.2	0.0	0.0	0.0
144	DL	25.6	21.9	85.3	0.82	0.020	0.035	0.22	20.46	48.03	15.34	18.86	0.0	0.015	55.0	7.56	3.00	204.4	0.0	0.0	0.0
145	DL	25.5	20.9	77.9	0.83	0.020	0.033	0.20	20.66	48.02	15.20	18.85	0.0	0.015	55.0	7.49	3.04	204.6	0.0	0.0	0.0
146	DL	25.5	20.0	68.5	0.82	0.020	0.032	0.18	20.29	48.02	15.47	18.87	0.0	0.015	54.8	7.60	2.54	204.8	0.0	0.0	0.0
147	DL	25.8	19.9	69.3	0.79	0.020	0.031	0.18	19.65	48.02	15.94	18.90	0.0	0.015	54.7	7.83	2.38	205.0	0.0	0.0	0.0
148	DL	26.1	20.9	78.3	0.78	0.020	0.033	0.20	19.44	48.04	16.10	18.91	0.0	0.015	54.7	7.92	2.49	205.1	0.0	0.0	0.0
149	DL	26.4	22.6	88.0	0.80	0.021	0.036	0.23	19.80	48.03	15.82	18.89	0.0	0.015	54.9	7.79	2.89	205.2	0.0	0.0	0.0
150	DL	26.6	23.4	93.7	0.83	0.021	0.037	0.24	20.55	48.02	15.28	18.85	0.0	0.015	55.1	7.53	3.38	205.3	0.0	0.0	0.0
151	DL	26.4	22.5	86.3	0.85	0.021	0.036	0.22	21.20	48.02	14.84	18.82	0.0	0.015	55.2	7.32	3.57	205.5	0.0	0.0	0.0
152	DL	26.2	21.2	70.9	0.85	0.021	0.034	0.18	21.07	48.02	14.92	18.83	0.0	0.015	54.9	7.33	3.04	205.7	0.0	0.0	0.0
153	DL	26.3	20.5	67.3	0.82	0.021	0.032	0.18	20.29	48.02	15.46	18.87	0.0	0.015	54.8	7.59	2.59	205.9	0.0	0.0	0.0
154	DL	26.4	20.8	73.2	0.79	0.021	0.033	0.19	19.77	48.02	15.84	18.89	0.0	0.015	54.8	7.79	2.56	206.0	0.0	0.0	0.0
155	DL	26.5	21.6	80.5	0.79	0.021	0.034	0.21	19.78	48.02	15.83	18.89	0.0	0.015	54.8	7.79	2.78	206.2	0.0	0.0	0.0
156	DL	26.5	22.3	87.3	0.81	0.021	0.035	0.23	20.15	48.02	15.56	18.87	0.0	0.015	54.9	7.66	2.91	206.3	0.0	0.0	0.0
157	DL	26.5	22.6	90.4	0.83	0.021	0.036	0.24	20.66	48.02	15.20	18.85	0.0	0.015	55.0	7.49	3.12	206.4	0.0	0.0	0.0
158	DL	26.4	22.2	88.2	0.85	0.021	0.035	0.23	21.07	48.01	14.91	18.83	0.0	0.015	55.1	7.36	3.15	206.6	0.0	0.0	0.0
159	DL	26.2	21.5	83.3	0.85	0.021	0.034	0.22	21.16	48.01	14.86	18.82	0.0	0.015	55.1	7.33	2.96	206.8	0.0	0.0	0.0
160	DL	26.1	20.9	78.7	0.84	0.020	0.033	0.20	20.99	48.00	14.97	18.83	0.0	0.015	55.1	7.38	2.73	206.9	0.0	0.0	0.0
161	DL	26.0	20.5	76.9	0.83	0.020	0.032	0.20	20.71	48.02	15.16	18.84	0.0	0.015	55.0	7.47	2.71	207.1	0.0	0.0	0.0
162	DL	26.1	20.3	77.1	0.82	0.020	0.032	0.20	20.44	48.01	15.35	18.86	0.0	0.015	55.0	7.57	2.70	207.2	0.0	0.0	0.0
163	DL	26.2	20.5	79.4	0.82	0.021	0.032	0.21	20.30	48.02	15.45	18.87	0.0	0.015	55.0	7.62	2.70	207.3	0.0	0.0	0.0

164	DL	26.3	20.7	82.8	0.82	0.021	0.033	0.22	20.31	48.02	15.44	18.86	0.0	0.015	55.0	7.62	2.80	207.3	0.0	0.0	0.0
165	DL	26.4	20.7	82.3	0.82	0.021	0.033	0.21	20.43	48.01	15.36	18.86	0.0	0.015	55.0	7.58	2.82	207.6	0.0	0.0	0.0
166	DL	26.4	21.1	82.4	0.82	0.021	0.033	0.21	20.43	48.01	15.36	18.86	0.0	0.015	55.0	7.57	2.75	207.7	0.0	0.0	0.0
167	DL	26.5	21.9	86.9	0.82	0.021	0.035	0.23	20.50	48.02	15.31	18.85	0.0	0.015	55.1	7.56	2.85	207.7	0.0	0.0	0.0
168	DL	26.5	22.3	89.0	0.84	0.021	0.035	0.23	20.79	48.01	15.11	18.84	0.0	0.015	55.2	7.46	3.08	207.8	0.0	0.0	0.0
169	DL	26.4	22.2	87.4	0.84	0.021	0.035	0.23	21.02	48.00	14.95	18.83	0.0	0.015	55.2	7.38	3.07	207.9	0.0	0.0	0.0
170	DL	26.3	21.7	85.1	0.85	0.021	0.034	0.22	21.05	48.00	14.93	18.83	0.0	0.015	55.2	7.38	3.03	208.0	0.0	0.0	0.0
171	DL	26.2	21.1	82.6	0.84	0.021	0.033	0.21	20.96	48.01	14.99	18.83	0.0	0.015	55.2	7.41	2.94	208.0	0.0	0.0	0.0
172	DL	26.2	20.5	79.1	0.83	0.021	0.032	0.21	20.76	48.01	15.13	18.84	0.0	0.015	55.2	7.48	2.86	207.9	0.0	0.0	0.0
173	DL	26.2	20.1	77.4	0.82	0.021	0.032	0.20	20.52	48.01	15.30	18.85	0.0	0.015	55.1	7.56	2.75	207.9	0.0	0.0	0.0
174	DL	26.3	19.9	77.6	0.82	0.021	0.031	0.20	20.34	48.01	15.43	18.86	0.0	0.015	55.1	7.63	2.74	207.9	0.0	0.0	0.0
175	DL	26.4	19.9	78.3	0.81	0.021	0.031	0.20	20.24	48.01	15.50	18.87	0.0	0.015	55.1	7.66	2.76	207.8	0.0	0.0	0.0
176	DL	26.5	20.0	79.3	0.81	0.021	0.032	0.21	20.24	48.01	15.49	18.87	0.0	0.015	55.1	7.66	2.88	207.8	0.0	0.0	0.0
177	DL	26.5	20.1	80.8	0.82	0.021	0.032	0.21	20.33	48.00	15.43	18.86	0.0	0.015	55.1	7.63	2.83	207.8	0.0	0.0	0.0
178	DL	26.5	20.2	81.7	0.82	0.021	0.032	0.21	20.44	48.01	15.35	18.86	0.0	0.015	55.2	7.59	2.88	207.8	0.0	0.0	0.0
179	DL	26.6	20.3	82.2	0.83	0.021	0.032	0.21	20.54	47.99	15.28	18.85	0.0	0.015	55.2	7.56	2.92	207.9	0.0	0.0	0.0
180	DL	26.6	20.5	83.6	0.83	0.021	0.032	0.22	20.67	48.00	15.19	18.85	0.0	0.015	55.3	7.52	2.97	208.0	0.0	0.0	0.0
181	DL	26.6	20.7	84.8	0.84	0.021	0.033	0.22	20.83	48.01	15.08	18.84	0.0	0.015	55.3	7.47	3.07	208.0	0.0	0.0	0.0
182	DL	26.7	20.6	85.0	0.84	0.021	0.033	0.22	20.99	47.99	14.97	18.83	0.0	0.015	55.4	7.42	3.15	208.1	0.0	0.0	0.0
183	DL	26.6	20.2	82.4	0.85	0.021	0.032	0.21	21.08	48.00	14.91	18.83	0.0	0.015	55.4	7.39	3.17	208.2	0.0	0.0	0.0
184	DL	26.6	19.6	76.4	0.84	0.021	0.031	0.20	20.95	48.00	15.00	18.83	0.0	0.015	55.3	7.43	3.06	208.3	0.0	0.0	0.0
185	DL	26.6	19.2	72.3	0.83	0.021	0.030	0.19	20.55	48.00	15.27	18.85	0.0	0.015	55.2	7.56	2.84	208.4	0.0	0.0	0.0
186	DL	26.7	19.0	71.7	0.81	0.021	0.030	0.19	20.15	47.99	15.56	18.87	0.0	0.015	55.2	7.71	2.79	208.5	0.0	0.0	0.0
187	DL	26.9	19.0	72.3	0.80	0.021	0.030	0.19	19.89	47.99	15.74	18.89	0.0	0.015	55.2	7.80	2.78	208.6	0.0	0.0	0.0
188	DL	27.0	19.0	73.7	0.80	0.021	0.030	0.19	19.78	47.99	15.83	18.89	0.0	0.015	55.1	7.84	2.81	208.8	0.0	0.0	0.0
189	DL	27.1	19.0	74.9	0.79	0.021	0.030	0.19	19.75	47.99	15.85	18.90	0.0	0.015	55.1	7.85	2.85	208.9	0.0	0.0	0.0
190	DL	27.2	19.0	75.5	0.79	0.021	0.030	0.20	19.75	47.99	15.85	18.89	0.0	0.015	55.1	7.84	2.70	209.1	0.0	0.0	0.0
191	DL	27.3	19.1	76.0	0.80	0.021	0.030	0.20	19.78	48.00	15.82	18.89	0.0	0.015	55.1	7.83	2.86	209.1	0.0	0.0	0.0
192	DL	27.4	19.2	76.4	0.80	0.021	0.030	0.20	19.81	48.00	15.80	18.89	0.0	0.015	55.1	7.82	3.09	209.3	0.0	0.0	0.0
193	DL	27.4	19.2	76.9	0.80	0.021	0.030	0.20	19.85	48.00	15.78	18.89	0.0	0.015	55.1	7.80	3.06	209.5	0.0	0.0	0.0
194	DL	27.4	19.3	76.6	0.80	0.021	0.030	0.20	19.87	48.00	15.76	18.89	0.0	0.015	55.0	7.79	2.92	209.6	0.0	0.0	0.0
195	DL	27.4	19.3	77.0	0.80	0.022	0.030	0.20	19.90	48.00	15.74	18.89	0.0	0.015	55.0	7.77	2.89	209.8	0.0	0.0	0.0
196	DL	27.4	19.3	77.9	0.80	0.022	0.031	0.20	19.92	47.99	15.72	18.89	0.0	0.015	55.0	7.77	2.80	210.0	0.0	0.0	0.0
197	DL	27.4	19.4	78.7	0.80	0.021	0.031	0.20	19.97	47.99	15.69	18.88	0.0	0.015	55.0	7.75	2.77	210.1	0.0	0.0	0.0
198	DL	27.4	19.5	79.9	0.81	0.021	0.031	0.21	20.05	47.99	15.63	18.88	0.0	0.015	55.0	7.72	2.76	210.2	0.0	0.0	0.0
199	DL	27.4	19.7	81.0	0.81	0.022	0.031	0.21	20.16	47.99	15.54	18.87	0.0	0.015	55.1	7.68	2.80	210.3	0.0	0.0	0.0
200	DL	27.4	20.0	82.0	0.82	0.022	0.032	0.21	20.30	48.00	15.45	18.87	0.0	0.015	55.1	7.63	2.86	210.5	0.0	0.0	0.0
201	DL	27.4	20.2	83.1	0.82	0.021	0.032	0.22	20.42	48.00	15.36	18.86	0.0	0.015	55.1	7.59	2.92	210.6	0.0	0.0	0.0
202	DL	27.4	20.2	82.5	0.83	0.021	0.032	0.21	20.53	47.98	15.28	18.85	0.0	0.015	55.1	7.56	2.91	210.7	0.0	0.0	0.0
203	DL	27.3	20.1	81.1	0.83	0.021	0.032	0.21	20.60	47.98	15.23	18.85	0.0	0.015	55.1	7.53	3.00	210.9	0.0	0.0	0.0
204	DL	27.3	19.9	79.3	0.83	0.021	0.031	0.21	20.54	47.99	15.27	18.85	0.0	0.015	55.1	7.55	2.94	211.0	0.0	0.0	0.0
205	DL	27.3	19.6	77.1	0.82	0.021	0.031	0.20	20.41	47.99	15.37	18.86	0.0	0.015	55.1	7.59	2.84	211.1	0.0	0.0	0.0
206	DL	27.3	19.6	76.7	0.81	0.021	0.031	0.20	20.23	47.99	15.50	18.87	0.0	0.015	55.1	7.66	2.79	211.2	0.0	0.0	0.0
207	DL	27.4	19.7	76.2	0.81	0.021	0.031	0.20	20.06	47.98	15.62	18.88	0.0	0.015	55.0	7.71	2.86	211.3	0.0	0.0	0.0
208	DL	27.4	19.8	75.9	0.80	0.021	0.031	0.20	19.92	47.98	15.72	18.89	0.0	0.015	55.0	7.76	2.91	211.5	0.0	0.0	0.0
209	DL	27.4	19.8	76.9	0.80	0.021	0.031	0.20	19.82	47.98	15.79	18.89	0.0	0.015	55.0	7.80	2.92	211.6	0.0	0.0	0.0
210	DL	27.4	19.9	78.8	0.80	0.021	0.031	0.20	19.79	47.98	15.81	18.89	0.0	0.015	55.0	7.81	2.92	211.7	0.0	0.0	0.0
211	DL	27.4	20.0	80.7	0.80	0.021	0.032	0.21	19.85	47.99	15.77	18.89	0.0	0.015	55.0	7.79	2.91	211.8	0.0	0.0	0.0
212	DL	27.4	20.0	81.6	0.80	0.021	0.032	0.21	19.95	47.99	15.69	18.88	0.0	0.015	55.0	7.75	2.87	211.9	0.0	0.0	0.0
213	DL	27.4	20.0	81.2	0.81	0.021	0.032	0.21	20.06	47.99	15.62	18.88	0.0	0.015	55.0	7.71	2.88	212.0	0.0	0.0	0.0
214	DL	27.5	19.9	79.7	0.81	0.022	0.031	0.21	20.09	47.98	15.59	18.88	0.0	0.015	55.0	7.70	2.99	212.1	0.0	0.0	0.0
215	DL	27.5	20.0	78.7	0.81	0.022	0.032	0.20	20.04	47.99	15.63	18.88	0.0	0.015	55.0	7.71	2.94	212.2	0.0	0.0	0.0
216	DL	27.7	20.3	80.4	0.80	0.022	0.032	0.21	19.99	47.99	15.66	18.88	0.0	0.015	55.0	7.73	2.94	212.3	0.0	0.0	0.0
217	DL	27.7	20.5	82.6	0.81	0.022	0.032	0.21	20.05	48.00	15.62	18.88	0.0	0.015	55.0	7.71	2.98	212.4	0.0	0.0	0.0
218	DL	27.7	20.5	84.1	0.81	0.022	0.032	0.22	20.19	47.99	15.52	18.87	0.0	0.015	55.0	7.67	2.98	212.4	0.0	0.0	0.0
219	DL	27.6	20.3	84.0	0.82	0.022	0.032	0.22	20.35	47.98	15.40	18.86	0.0	0.015	55.1	7.61	3.02	212.3	0.0	0.0	0.0
220	DL	27.5	20.0	81.5	0.82	0.022	0.032	0.21	20.42	47.98	15.35	18.86	0.0	0.015	55.1	7.58	2.99	212.3	0.0	0.0	0.0
221	DL	27.5	19.6	79.2	0.82	0.022	0.031	0.21	20.37	47.97	15.39	18.86	0.0	0.015	55.1	7.60	2.95	212.2	0.0	0.0	0.0
222	DL	27.5	19.6	78.5	0.81	0.022	0.031	0.20	20.25	47.98	15.47	18.87	0.0	0.015	55.1	7.65	2.87	212.2	0.0	0.0	0.0

223 DL	27.5	19.5	78.1	0.81	0.022	0.031	0.20	20.18	47.99	15.53	18.87	0.0	0.015	55.1	7.68	2.91	212.1	0.0	0.0	0.0
224 DL	27.5	19.4	77.3	0.81	0.022	0.031	0.20	20.12	47.98	15.57	18.87	0.0	0.015	55.1	7.70	2.88	212.1	0.0	0.0	0.0
225 DL	27.6	19.3	76.8	0.81	0.022	0.031	0.20	20.06	47.98	15.62	18.88	0.0	0.015	55.1	7.72	2.97	212.2	0.0	0.0	0.0
226 DL	27.6	19.3	76.8	0.80	0.022	0.031	0.20	19.99	47.98	15.67	18.88	0.0	0.015	55.0	7.74	3.00	212.2	0.0	0.0	0.0
227 DL	27.6	19.4	77.7	0.80	0.022	0.031	0.20	19.95	47.98	15.69	18.88	0.0	0.015	55.0	7.76	2.95	212.1	0.0	0.0	0.0
228 DL	27.6	19.5	77.9	0.80	0.022	0.031	0.20	19.97	47.98	15.68	18.88	0.0	0.015	55.0	7.75	3.04	212.1	0.0	0.0	0.0
229 DL	27.6	19.6	78.6	0.80	0.022	0.031	0.20	20.01	47.98	15.65	18.88	0.0	0.015	55.1	7.74	2.91	212.2	0.0	0.0	0.0
230 DL	27.6	19.5	78.7	0.81	0.022	0.031	0.20	20.09	47.98	15.59	18.88	0.0	0.015	55.1	7.71	2.95	212.2	0.0	0.0	0.0
231 DL	27.6	19.2	76.7	0.81	0.022	0.030	0.20	20.12	47.98	15.57	18.87	0.0	0.015	55.1	7.70	2.94	212.3	0.0	0.0	0.0
232 DL	27.6	18.7	70.3	0.80	0.022	0.030	0.18	19.97	47.98	15.68	18.88	0.0	0.015	55.0	7.75	2.89	212.5	0.0	0.0	0.0
233 DL	27.7	18.4	65.6	0.78	0.022	0.029	0.17	19.51	47.98	16.03	18.91	0.0	0.015	54.9	7.91	2.75	212.6	0.0	0.0	0.0
234 DL	27.9	18.7	68.1	0.77	0.022	0.030	0.18	19.04	47.98	16.39	18.94	0.0	0.015	54.8	8.09	2.73	212.6	0.0	0.0	0.0
235 DL	28.0	19.2	73.0	0.76	0.022	0.030	0.19	18.94	47.98	16.47	18.94	0.0	0.015	54.8	8.14	2.86	212.7	0.0	0.0	0.0
236 DL	28.0	19.5	76.8	0.77	0.022	0.031	0.20	19.13	47.99	16.33	18.93	0.0	0.015	54.9	8.06	2.88	212.8	0.0	0.0	0.0
237 DL	27.9	19.4	78.3	0.78	0.022	0.031	0.20	19.39	47.98	16.12	18.92	0.0	0.015	54.9	7.96	2.95	212.9	0.0	0.0	0.0
238 DL	27.9	19.5	78.4	0.79	0.022	0.031	0.20	19.61	47.98	15.95	18.90	0.0	0.015	54.9	7.87	2.86	213.0	0.0	0.0	0.0
239 DL	27.8	19.7	79.2	0.80	0.022	0.031	0.21	19.77	47.97	15.82	18.89	0.0	0.015	54.9	7.81	2.92	213.2	0.0	0.0	0.0
240 DL	27.8	19.9	80.0	0.80	0.022	0.031	0.21	19.92	47.97	15.71	18.89	0.0	0.015	55.0	7.76	2.93	213.3	0.0	0.0	0.0
241 DL	27.8	20.1	80.6	0.81	0.022	0.032	0.21	20.05	47.98	15.62	18.88	0.0	0.015	55.0	7.71	2.95	213.5	0.0	0.0	0.0
242 DL	27.8	20.2	80.8	0.81	0.022	0.032	0.21	20.16	47.97	15.54	18.87	0.0	0.015	55.0	7.67	2.96	213.6	0.0	0.0	0.0
243 DL	27.7	20.1	78.9	0.81	0.022	0.032	0.21	20.23	47.98	15.49	18.87	0.0	0.015	55.0	7.65	2.91	213.7	0.0	0.0	0.0
244 DL	27.6	19.9	76.7	0.81	0.022	0.031	0.20	20.19	47.98	15.52	18.87	0.0	0.015	55.0	7.66	2.88	213.8	0.0	0.0	0.0
245 DL	27.7	19.9	76.2	0.81	0.022	0.032	0.20	20.06	47.97	15.61	18.88	0.0	0.015	55.0	7.71	2.84	214.0	0.0	0.0	0.0
246 DL	27.7	20.3	78.7	0.80	0.022	0.032	0.20	19.98	47.97	15.67	18.88	0.0	0.015	55.0	7.74	2.88	214.1	0.0	0.0	0.0
247 DL	27.9	20.8	82.0	0.81	0.022	0.033	0.21	20.07	47.98	15.60	18.88	0.0	0.015	55.1	7.71	2.95	214.3	0.0	0.0	0.0
248 DL	28.0	21.1	83.2	0.82	0.022	0.033	0.22	20.29	47.97	15.45	18.87	0.0	0.015	55.1	7.64	3.00	214.4	0.0	0.0	0.0
249 DL	28.0	20.8	81.0	0.82	0.022	0.033	0.21	20.45	47.98	15.33	18.86	0.0	0.015	55.1	7.58	2.96	214.6	0.0	0.0	0.0
250 DL	28.0	20.3	76.6	0.82	0.022	0.032	0.20	20.40	47.98	15.37	18.86	0.0	0.015	55.1	7.60	2.88	214.8	0.0	0.0	0.0
251 DL	28.0	20.1	75.4	0.81	0.022	0.032	0.20	20.15	47.97	15.55	18.87	0.0	0.015	55.0	7.68	2.78	214.8	0.0	0.0	0.0
252 DL	28.2	20.4	77.4	0.80	0.022	0.032	0.20	19.94	47.97	15.70	18.88	0.0	0.015	55.1	7.76	2.76	214.9	0.0	0.0	0.0
253 DL	28.3	21.0	82.8	0.80	0.022	0.033	0.22	19.97	47.98	15.67	18.88	0.0	0.015	55.1	7.76	2.90	214.9	0.0	0.0	0.0
254 DL	28.3	21.3	86.4	0.81	0.022	0.034	0.22	20.25	47.98	15.47	18.87	0.0	0.015	55.2	7.66	3.03	215.0	0.0	0.0	0.0
255 DL	28.2	21.0	84.9	0.83	0.022	0.033	0.22	20.53	47.97	15.27	18.85	0.0	0.015	55.3	7.56	3.14	215.2	0.0	0.0	0.0
256 DL	28.1	20.3	80.7	0.83	0.022	0.032	0.21	20.58	47.97	15.24	18.85	0.0	0.015	55.2	7.54	2.97	215.3	0.0	0.0	0.0
257 DL	28.1	19.4	74.0	0.82	0.022	0.031	0.19	20.32	47.97	15.42	18.86	0.0	0.015	55.1	7.63	2.69	215.5	0.0	0.0	0.0
258 DL	28.3	18.9	67.4	0.79	0.022	0.030	0.18	19.75	47.97	15.84	18.89	0.0	0.015	55.0	7.83	2.63	215.6	0.0	0.0	0.0
259 DL	28.7	19.1	68.7	0.77	0.022	0.030	0.18	19.16	47.98	16.30	18.93	0.0	0.015	54.8	8.05	2.69	215.7	0.0	0.0	0.0
260 DL	29.0	20.0	77.3	0.76	0.023	0.032	0.20	18.96	47.98	16.46	18.94	0.0	0.015	54.9	8.14	2.80	215.7	0.0	0.0	0.0
261 DL	29.2	21.4	87.4	0.78	0.023	0.034	0.23	19.30	47.98	16.18	18.92	0.0	0.015	55.0	8.01	2.98	215.8	0.0	0.0	0.0
262 DL	29.3	22.0	91.7	0.81	0.023	0.035	0.24	20.02	47.98	15.63	18.88	0.0	0.015	55.2	7.74	3.24	215.8	0.0	0.0	0.0
263 DL	29.1	21.4	88.4	0.83	0.023	0.034	0.23	20.63	47.98	15.20	18.85	0.0	0.015	55.2	7.52	3.34	215.9	0.0	0.0	0.0
264 DL	28.7	20.5	80.6	0.83	0.023	0.032	0.21	20.73	47.97	15.14	18.84	0.0	0.015	55.2	7.48	3.04	215.9	0.0	0.0	0.0
265 DL	28.6	19.8	75.3	0.82	0.022	0.031	0.20	20.41	47.96	15.35	18.86	0.0	0.015	55.1	7.59	2.76	215.9	0.0	0.0	0.0
266 DL	28.5	19.2	71.8	0.80	0.022	0.030	0.19	19.97	47.97	15.68	18.88	0.0	0.015	55.0	7.75	3.04	215.9	0.0	0.0	0.0
267 DL	28.6	19.1	71.8	0.79	0.022	0.030	0.19	19.57	47.97	15.97	18.90	0.0	0.015	55.0	7.89	2.84	215.8	0.0	0.0	0.0
268 DL	28.7	19.6	76.0	0.78	0.022	0.031	0.20	19.37	47.97	16.13	18.92	0.0	0.015	55.0	7.98	2.97	215.8	0.0	0.0	0.0
269 DL	28.8	20.5	82.8	0.79	0.023	0.032	0.22	19.52	47.97	16.01	18.91	0.0	0.015	55.0	7.93	2.97	215.7	0.0	0.0	0.0
270 DL	28.8	20.6	86.0	0.80	0.023	0.033	0.22	19.97	47.98	15.68	18.88	0.0	0.015	55.2	7.77	3.37	215.6	0.0	0.0	0.0
271 DL	28.6	20.3	83.9	0.82	0.022	0.032	0.22	20.34	47.97	15.41	18.86	0.0	0.015	55.2	7.63	3.18	215.5	0.0	0.0	0.0
272 DL	28.5	19.8	81.2	0.82	0.022	0.031	0.21	20.48	47.97	15.31	18.86	0.0	0.015	55.2	7.58	3.01	215.4	0.0	0.0	0.0
273 DL	28.4	19.5	78.7	0.82	0.022	0.031	0.20	20.44	47.97	15.34	18.86	0.0	0.015	55.2	7.59	2.94	215.5	0.0	0.0	0.0
274 DL	28.3	19.1	76.4	0.82	0.022	0.030	0.20	20.33	47.97	15.42	18.86	0.0	0.015	55.2	7.63	2.83	215.6	0.0	0.0	0.0
275 DL	28.3	18.7	74.6	0.81	0.022	0.029	0.19	20.13	47.97	15.56	18.87	0.0	0.015	55.1	7.70	2.76	215.6	0.0	0.0	0.0
276 DL	28.3	18.4	74.0	0.80	0.022	0.029	0.19	19.92	47.97	15.71	18.89	0.0	0.015	55.1	7.78	2.70	215.7	0.0	0.0	0.0
277 DL	28.4	18.2	74.0	0.79	0.022	0.029	0.19	19.73	47.98	15.86	18.90	0.0	0.015	55.0	7.85	2.69	215.7	0.0	0.0	0.0
278 DL	28.4	18.4	74.3	0.79	0.022	0.029	0.19	19.63	47.98	15.93	18.90	0.0	0.015	55.1	7.89	2.69	215.8	0.0	0.0	0.0
279 DL	28.5	18.6	74.7	0.79	0.022	0.029	0.19	19.61	47.98	15.95	18.90	0.0	0.015	55.0	7.89	2.70	215.9	0.0	0.0	0.0
280 DL	28.6	18.8	76.0	0.79	0.022	0.030	0.20	19.64	47.97	15.93	18.90	0.0	0.015	55.0	7.88	2.70	216.0	0.0	0.0	0.0
281 DL	28.6	18.8	76.8	0.79	0.022	0.030	0.20	19.71	47.98	15.87	18.90	0.0	0.015	55.0	7.85	2.72	216.1	0.0	0.0	0.0

282	DL	28.6	19.1	77.2	0.80	0.022	0.030	0.20	19.78	47.97	15.82	18.89	0.0	0.015	55.1	7.83	2.69	216.1	0.0	0.0	0.0
283	DL	28.5	19.1	77.5	0.80	0.022	0.030	0.20	19.85	47.97	15.77	18.89	0.0	0.015	55.1	7.80	2.68	216.2	0.0	0.0	0.0
284	DL	28.5	19.0	76.9	0.80	0.022	0.030	0.20	19.90	47.97	15.73	18.89	0.0	0.015	55.1	7.79	2.64	216.3	0.0	0.0	0.0
285	DL	28.5	19.0	76.3	0.80	0.022	0.030	0.20	19.89	47.98	15.74	18.89	0.0	0.015	55.1	7.79	2.66	216.5	0.0	0.0	0.0
286	DL	28.5	19.2	76.3	0.80	0.022	0.030	0.20	19.87	47.98	15.75	18.89	0.0	0.015	55.1	7.80	2.61	216.6	0.0	0.0	0.0
287	DL	28.5	19.2	76.5	0.80	0.022	0.030	0.20	19.86	47.97	15.76	18.89	0.0	0.015	55.1	7.80	2.64	216.7	0.0	0.0	0.0
288	DL	28.6	19.2	75.9	0.80	0.022	0.030	0.20	19.85	47.98	15.77	18.89	0.0	0.015	55.1	7.80	2.63	216.8	0.0	0.0	0.0
289	DL	28.6	19.1	75.8	0.80	0.022	0.030	0.20	19.81	47.98	15.80	18.89	0.0	0.015	55.1	7.82	2.57	216.9	0.0	0.0	0.0
290	DL	28.7	19.1	75.3	0.79	0.023	0.030	0.20	19.74	47.98	15.85	18.90	0.0	0.015	55.1	7.84	2.56	217.1	0.0	0.0	0.0
291	DL	28.8	19.0	74.9	0.79	0.023	0.030	0.19	19.66	47.98	15.91	18.90	0.0	0.015	55.1	7.87	2.57	217.3	0.0	0.0	0.0
292	DL	28.9	19.0	74.9	0.79	0.023	0.030	0.19	19.59	47.98	15.96	18.90	0.0	0.015	55.0	7.90	2.58	217.3	0.0	0.0	0.0
293	DL	29.0	19.1	75.6	0.79	0.023	0.030	0.20	19.55	47.98	15.99	18.91	0.0	0.015	55.0	7.91	2.57	217.4	0.0	0.0	0.0
294	DL	29.1	19.2	76.5	0.79	0.023	0.030	0.20	19.52	47.98	16.01	18.91	0.0	0.015	55.0	7.92	2.58	217.6	0.0	0.0	0.0
295	DL	29.2	19.3	78.1	0.79	0.023	0.031	0.20	19.54	47.99	16.00	18.91	0.0	0.015	55.0	7.91	2.53	217.7	0.0	0.0	0.0
296	DL	29.2	19.5	80.1	0.79	0.023	0.031	0.21	19.62	47.99	15.94	18.90	0.0	0.015	55.0	7.88	2.62	217.8	0.0	0.0	0.0
297	DL	29.2	19.4	79.7	0.79	0.023	0.031	0.21	19.73	47.98	15.86	18.90	0.0	0.015	55.0	7.85	2.63	217.9	0.0	0.0	0.0
298	DL	29.1	19.1	77.5	0.80	0.023	0.030	0.20	19.78	47.98	15.82	18.89	0.0	0.015	55.0	7.82	2.67	218.0	0.0	0.0	0.0
299	DL	29.1	19.3	76.8	0.79	0.023	0.030	0.20	19.69	47.97	15.88	18.90	0.0	0.015	54.9	7.85	2.54	218.1	0.0	0.0	0.0
300	DL	29.2	20.2	81.8	0.79	0.023	0.032	0.21	19.67	47.98	15.90	18.90	0.0	0.015	55.0	7.85	2.54	218.2	0.0	0.0	0.0
301	DL	29.4	21.1	88.1	0.80	0.023	0.033	0.23	19.96	47.98	15.68	18.88	0.0	0.015	55.1	7.76	2.78	218.3	0.0	0.0	0.0
302	DL	29.4	21.1	87.9	0.82	0.023	0.033	0.23	20.39	47.98	15.37	18.86	0.0	0.015	55.2	7.61	3.03	218.4	0.0	0.0	0.0
303	DL	29.2	20.6	82.6	0.83	0.023	0.033	0.21	20.57	47.97	15.24	18.85	0.0	0.015	55.2	7.54	2.86	218.5	0.0	0.0	0.0
304	DL	29.1	20.1	78.7	0.82	0.023	0.032	0.20	20.40	47.98	15.36	18.86	0.0	0.015	55.1	7.60	2.66	218.5	0.0	0.0	0.0
305	DL	29.1	19.7	76.1	0.81	0.023	0.031	0.20	20.11	47.98	15.57	18.87	0.0	0.015	55.1	7.70	2.49	218.6	0.0	0.0	0.0
306	DL	29.2	19.5	73.6	0.80	0.023	0.031	0.19	19.81	47.98	15.80	18.89	0.0	0.015	55.0	7.81	2.50	218.7	0.0	0.0	0.0
307	DL	29.3	19.4	73.1	0.79	0.023	0.031	0.19	19.52	47.99	16.01	18.91	0.0	0.015	55.0	7.91	2.46	218.9	0.0	0.0	0.0
308	DL	29.5	20.2	76.0	0.78	0.023	0.032	0.20	19.33	47.98	16.16	18.92	0.0	0.015	54.9	7.99	2.53	219.1	0.0	0.0	0.0
309	DL	29.8	21.8	83.9	0.78	0.023	0.035	0.22	19.43	47.98	16.08	18.91	0.0	0.015	55.0	7.96	2.72	219.2	0.0	0.0	0.0
310	DL	29.9	22.9	91.0	0.80	0.023	0.036	0.24	19.92	47.99	15.71	18.88	0.0	0.015	55.2	7.78	3.12	219.1	0.0	0.0	0.0
311	DL	29.8	22.1	84.3	0.82	0.023	0.035	0.22	20.49	47.98	15.30	18.85	0.0	0.015	55.3	7.59	3.49	219.1	0.0	0.0	0.0
312	DL	29.3	19.6	55.2	0.81	0.023	0.031	0.14	20.09	47.98	15.59	18.88	0.0	0.015	54.8	7.68	3.05	219.0	0.0	0.0	0.0
313	DL	28.1	16.2	25.1	0.71	0.022	0.026	0.07	17.65	47.98	17.65	19.03	0.0	0.015	52.3	8.36	2.34	219.0	0.0	0.0	0.0
314	DL	25.9	13.1	11.5	0.57	0.020	0.021	0.03	14.07	47.99	21.80	19.34	0.0	0.014	48.6	9.72	1.69	218.9	0.0	0.0	0.0
315	DL	23.4	10.5	7.2	0.44	0.018	0.017	0.02	11.02	48.00	27.21	19.77	0.0	0.013	46.2	11.80	1.59	218.8	0.0	0.0	0.0
316	DL	21.1	8.3	5.6	0.35	0.017	0.013	0.01	8.71	48.02	33.51	20.29	0.0	0.012	43.8	14.14	1.41	218.7	0.0	0.0	0.0
317	DL	19.2	6.7	4.9	0.27	0.015	0.011	0.01	6.80	48.03	41.44	20.99	0.0	0.011	41.2	17.03	1.39	218.6	0.0	0.0	0.0
318	DL	17.6	5.6	4.5	0.21	0.014	0.009	0.01	5.28	48.04	51.05	21.91	0.0	0.011	38.7	20.60	1.38	218.5	0.0	0.0	0.0
319	DL	16.3	4.7	4.1	0.17	0.013	0.007	0.01	4.27	48.04	60.26	22.87	0.0	0.010	36.0	23.68	1.31	218.4	0.0	0.0	0.0
320	DL	15.2	3.9	3.9	0.14	0.012	0.006	0.01	3.60	48.05	68.60	23.82	0.0	0.009	33.4	26.02	1.33	218.3	0.0	0.0	0.0
321	DL	14.3	3.2	3.4	0.12	0.011	0.005	0.01	2.99	48.06	78.43	25.03	0.0	0.009	31.1	29.04	1.26	218.2	0.0	0.0	0.0
322	DL	13.5	2.7	3.0	0.10	0.011	0.004	0.01	2.40	48.07	91.24	26.82	0.0	0.008	28.7	33.49	1.27	218.1	0.0	0.0	0.0
323	DL	12.8	2.5	3.0	0.08	0.010	0.004	0.01	1.95	48.08	103.77	28.85	0.0	0.007	26.8	38.20	1.28	218.1	0.0	0.0	0.0
324	DL	12.2	2.3	2.9	0.07	0.010	0.004	0.01	1.68	48.09	113.26	30.60	0.0	0.007	24.6	40.76	1.24	218.0	0.0	0.0	0.0
325	DL	11.6	2.0	2.6	0.06	0.009	0.003	0.01	1.46	48.10	122.58	32.53	0.0	0.006	22.3	42.39	1.27	218.0	0.0	0.0	0.0
326	DL	11.1	1.9	2.8	0.05	0.009	0.003	0.01	1.21	48.12	135.18	35.55	0.0	0.006	20.4	46.72	1.29	217.9	0.0	0.0	0.0
327	DL	10.7	2.1	4.9	0.04	0.008	0.003	0.01	1.04	48.13	144.57	38.25	0.0	0.005	18.0	47.68	1.35	217.9	0.0	0.0	0.0
328	DL	10.7	2.6	5.4	0.04	0.008	0.004	0.01	1.10	48.13	140.94	37.16	0.0	0.004	15.8	39.40	1.78	217.9	0.0	0.0	0.0
329	DL	10.9	3.3	5.1	0.05	0.009	0.005	0.01	1.20	48.14	135.30	35.61	0.0	0.004	14.7	33.66	1.75	217.8	0.0	0.0	0.0
330	DL	11.2	3.7	7.8	0.05	0.009	0.006	0.02	1.26	48.14	131.98	34.75	0.0	0.003	12.1	26.58	1.62	217.7	0.0	0.0	0.0
331	DL	11.2	3.7	9.8	0.06	0.009	0.006	0.03	1.45	48.15	122.72	32.55	0.0	0.003	10.1	19.25	2.33	217.6	0.0	0.0	0.0
332	DL	11.2	3.6	8.6	0.07	0.009	0.006	0.02	1.67	48.15	113.78	30.70	0.0	0.002	8.5	14.14	2.50	217.5	0.0	0.0	0.0
333	DL	11.1	3.5	8.4	0.07	0.009	0.006	0.02	1.77	48.16	110.14	30.01	0.0	0.002	6.9	11.01	2.25	217.5	0.0	0.0	0.0
334	DL	10.9	3.4	10.0	0.07	0.009	0.005	0.03	1.86	48.17	106.79	29.39	0.0	0.001	4.8	7.42	2.26	217.4	0.0	0.0	0.0
335	DL	10.6	3.2	11.7	0.08	0.008	0.005	0.03	2.03	48.17	101.62	28.49	0.0	0.001	3.3	4.53	2.52	217.3	0.0	0.0	0.0
336	DL	10.4	3.2	12.2	0.09	0.008	0.005	0.03	2.21	48.19	96.20	27.60	0.0	0.001	2.3	3.01	2.72	217.2	0.0	0.0	0.0
337	DL	10.1	3.2	12.8	0.09	0.008	0.005	0.03	2.36	48.19	92.22	26.99	0.0	0.000	1.2	1.56	2.79	217.1	0.0	0.0	0.0
338	DL	9.9	3.4	13.6	0.10	0.008	0.005	0.04	2.49	48.19	89.14	26.53	0.0	0.000	0.3	0.42	2.88	217.1	0.0	0.0	0.0
339	DL	9.7	3.5	14.4	0.11	0.008	0.006	0.04	2.63	48.20	85.97	26.07	0.0	0.000	0.0	0.01	3.17	217.0	0.0	0.0	0.0
340	DL	9.5	3.6	14.9	0.11	0.007	0.006	0.04	2.78	48.21	82.70	25.62	0.0	0.000	0.0	1.00	3.36	217.0	0.0	0.0	0.0

341	DL	9.3	3.6	15.2	0.12	0.007	0.006	0.04	2.91	48.21	80.14	25.28	0.0	0.000	0.0	1.04	3.44	216.9	0.0	0.0	0.0
342	DL	9.1	3.6	15.1	0.12	0.007	0.006	0.04	3.00	48.22	78.57	25.07	0.0	0.000	0.0	1.07	3.43	216.8	0.0	0.0	0.0
343	DL	8.9	3.5	15.3	0.12	0.007	0.006	0.04	3.06	48.21	77.40	24.92	0.0	0.000	0.0	1.09	3.34	216.8	0.0	0.0	0.0
344	DL	8.8	3.5	15.2	0.12	0.007	0.006	0.04	3.11	48.22	76.53	24.80	0.0	0.000	0.0	1.11	3.27	216.7	0.0	0.0	0.0
345	DL	8.6	3.5	15.2	0.13	0.007	0.005	0.04	3.16	48.22	75.76	24.71	0.0	0.000	0.0	1.13	3.31	216.7	0.0	0.0	0.0
346	DL	8.5	3.5	15.0	0.13	0.007	0.006	0.04	3.19	48.24	75.20	24.64	0.0	0.000	0.0	1.14	3.27	216.7	0.0	0.0	0.0
347	DL	8.4	3.5	15.1	0.13	0.007	0.006	0.04	3.22	48.24	74.84	24.59	0.0	0.000	0.0	1.15	3.19	216.6	0.0	0.0	0.0
348	DL	8.3	3.5	14.8	0.13	0.007	0.006	0.04	3.23	48.24	74.68	24.57	0.0	0.000	0.0	1.15	3.08	216.7	0.0	0.0	0.0
349	DL	8.2	3.5	14.9	0.13	0.006	0.006	0.04	3.23	48.24	74.57	24.56	0.0	0.000	0.0	1.15	3.26	216.7	0.0	0.0	0.0
350	DL	8.1	3.4	14.8	0.13	0.006	0.005	0.04	3.24	48.24	74.41	24.54	0.0	0.000	0.0	1.16	3.31	216.7	0.0	0.0	0.0
351	DL	8.0	3.4	14.8	0.13	0.006	0.005	0.04	3.25	48.25	74.31	24.52	0.0	0.000	0.0	1.16	3.38	216.8	0.0	0.0	0.0
352	DL	7.9	3.3	14.9	0.13	0.006	0.005	0.04	3.25	48.26	74.26	24.52	0.0	0.000	0.0	1.16	3.37	216.8	0.0	0.0	0.0
353	DL	7.8	3.3	14.7	0.13	0.006	0.005	0.04	3.25	48.26	74.25	24.52	0.0	0.000	0.0	1.16	3.37	216.7	0.0	0.0	0.0
354	DL	7.7	3.3	14.7	0.13	0.006	0.005	0.04	3.26	48.26	74.20	24.51	0.0	0.000	0.0	1.16	3.31	216.7	0.0	0.0	0.0
355	DL	7.6	3.3	14.7	0.13	0.006	0.005	0.04	3.27	48.26	74.09	24.50	0.0	0.000	0.0	1.16	3.25	216.6	0.0	0.0	0.0
356	DL	7.6	3.3	14.9	0.13	0.006	0.005	0.04	3.27	48.27	74.00	24.49	0.0	0.000	0.0	1.17	3.16	216.6	0.0	0.0	0.0
357	DL	7.5	3.2	14.7	0.13	0.006	0.005	0.04	3.28	48.27	73.93	24.48	0.0	0.000	0.0	1.17	3.29	216.6	0.0	0.0	0.0

Test #: 1070 Commuter

Date: 5/12/94

Test cycle results

CO (g/mi) =	1.33
CO2 (g/mi) =	155.66
NOx (g/mi) =	4.76

Time	CO (ppm)	CO2 (%)	NOx (ppm)	FT_INL1	FT_INL2	Temp (F)	Eng. RPM	Inlet mass flow (scfm)	Exhaust mass flow (scfm)	Speed (mph)	CO cum (g)	NOx cum (g)	CO2 cum (g)	miles
07:09:57	79.73	2.86	248.11	94.02	63.49	68.82	674.24							
07:09:58	83.27	2.92	247.62	95.24	64.71	69.07	672.20							
07:09:59	83.27	2.96	248.11	96.46	65.93	69.07	678.81							
07:10:00	83.27	3.01	248.11	96.46	70.82	69.07	678.81	12.2669	12.7483	0.1131	0.0006	0.0028	0.0028	0.0000
07:10:01	83.27	3.08	247.62	98.90	69.60	69.31	678.81	12.4262	12.9240	0.1131	0.0011	0.0057	0.0056	0.0001
07:10:02	83.27	3.08	247.62	98.90	69.60	69.31	678.81	12.5855	13.0979	0.1131	0.0017	0.0086	0.0085	0.0001
07:10:03	83.27	3.17	326.25	97.68	64.71	69.31	678.31	12.5855	13.1054	0.1131	0.0023	0.0116	0.0114	0.0001
07:10:04	83.27	3.19	326.25	96.46	64.71	69.31	678.31	12.9041	13.4504	0.1131	0.0030	0.0146	0.0144	0.0002
07:10:05	83.15	3.23	325.76	95.24	63.49	69.07	677.29	12.9041	13.4504	0.1131	0.0036	0.0176	0.0174	0.0002
07:10:06	86.20	3.24	325.76	92.80	61.05	69.07	678.31	12.7448	13.3010	0.1131	0.0042	0.0215	0.0205	0.0002
07:10:07	86.20	3.24	326.25	91.58	58.61	69.07	678.31	12.5855	13.1374	0.0000	0.0048	0.0253	0.0205	0.0002
07:10:08	86.20	3.27	326.25	90.35	56.17	69.07	678.31	12.4262	12.9779	0.1131	0.0054	0.0291	0.0236	0.0003
07:10:09	86.20	3.27	326.25	90.35	56.17	69.07	678.31	12.1076	12.6478	0.1131	0.0060	0.0328	0.0268	0.0003
07:10:10	86.20	3.30	326.25	90.35	53.72	69.07	681.36	11.9483	12.4814	0.1131	0.0065	0.0365	0.0300	0.0003
07:10:11	86.20	3.31	325.76	89.13	51.28	68.82	677.29	11.7889	12.3188	0.1131	0.0071	0.0401	0.0331	0.0003
07:10:12	86.20	3.33	326.25	89.13	51.28	68.82	678.31	11.7889	12.3188	0.1131	0.0077	0.0437	0.0363	0.0004
07:10:13	86.20	3.35	326.25	90.35	52.50	68.82	677.29	11.7889	12.3233	0.1131	0.0083	0.0473	0.0395	0.0004
07:10:14	86.20	3.34	336.02	90.35	52.50	68.58	680.34	11.6296	12.1593	0.1131	0.0089	0.0509	0.0427	0.0004
07:10:15	86.20	3.37	336.51	89.13	52.50	68.82	680.34	11.6296	12.1618	0.1131	0.0094	0.0545	0.0460	0.0005
07:10:16	86.20	3.37	336.02	89.13	54.95	68.58	678.81	11.7889	12.3323	0.1131	0.0100	0.0581	0.0492	0.0005
07:10:17	99.15	3.38	336.02	90.35	57.39	68.82	681.86	11.7889	12.3303	0.1131	0.0106	0.0618	0.0525	0.0005
07:10:18	99.15	3.38	335.53	90.35	57.39	68.82	681.86	11.6296	12.1688	0.1131	0.0112	0.0655	0.0558	0.0006
07:10:19	99.15	3.38	335.53	91.58	58.61	68.82	717.46	11.6296	12.1688	0.1131	0.0118	0.0692	0.0590	0.0006
07:10:20	99.15	3.40	335.53	98.90	67.16	68.82	919.83	11.7889	12.3377	0.1131	0.0124	0.0729	0.0623	0.0006
07:10:21	99.15	3.40	336.02	102.56	72.04	68.82	959.49	11.7889	12.3377	0.1131	0.0131	0.0766	0.0656	0.0007
07:10:22	99.15	3.41	336.02	109.89	75.70	68.82	1045.93	11.9483	12.5044	0.4523	0.0138	0.0804	0.0788	0.0008
07:10:23	99.15	3.41	347.25	128.21	81.81	68.82	1234.07	12.9041	13.5076	4.1840	0.0145	0.0845	0.2010	0.0019
07:10:24	99.15	3.41	347.74	147.74	86.69	69.07	1374.41	13.3820	14.0078	4.9756	0.0153	0.0887	0.3464	0.0033
07:10:25	99.15	3.42	347.74	184.37	96.46	69.07	1508.65	14.3379	15.0107	5.9933	0.0161	0.0932	0.5222	0.0050
07:10:26	99.15	3.42	347.74	184.37	96.46	69.07	1508.65	16.7276	17.5125	7.6895	0.0170	0.0987	0.7476	0.0071
07:10:27	107.08	3.42	347.74	494.51	188.03	69.31	1602.71	19.2765	20.1811	9.0465	0.0181	0.1050	1.0129	0.0096
07:10:28	107.08	3.42	347.74	656.90	242.98	69.31	1601.70	24.0558	25.1899	10.4034	0.0195	0.1129	1.3193	0.0125
07:10:29	107.08	3.42	347.74	656.90	242.98	69.31	1601.70	24.0558	25.1899	10.4034	0.0209	0.1208	1.6258	0.0154
07:10:30	107.08	3.42	347.74	789.99	316.24	69.55	1606.27	64.5206	67.5634	15.4921	0.0248	0.1419	2.0821	0.0197
07:10:31	107.08	3.42	347.25	827.84	341.88	69.55	1665.26	85.7088	89.7509	17.3014	0.0301	0.1700	2.5918	0.0245
07:10:32	107.08	3.42	347.74	852.26	358.97	69.79	1547.80	85.7088	89.7509	17.3014	0.0353	0.1980	3.1014	0.0293
07:10:33	107.08	3.42	345.30	786.32	346.76	70.04	1073.39	103.0737	107.9346	19.5630	0.0417	0.2318	3.6776	0.0348
07:10:34	107.08	3.42	345.79	786.32	346.76	70.04	1073.39	108.0123	113.1061	20.9200	0.0483	0.2671	4.2939	0.0406
07:10:35	107.08	3.42	345.30	416.36	236.87	69.79	1112.54	111.1985	116.4426	22.5031	0.0551	0.3035	4.9567	0.0468
07:10:36	108.67	3.41	345.79	301.59	199.02	69.79	1147.12	102.5957	107.4341	23.4077	0.0614	0.3369	5.6462	0.0533
07:10:37	108.67	3.42	345.30	268.62	188.03	69.79	1171.53	102.5957	107.4341	23.4077	0.0677	0.3703	6.3357	0.0598
07:10:38	108.67	3.42	345.30	268.62	188.03	69.79	1171.53	54.3248	56.8867	24.4255	0.0711	0.3880	7.0552	0.0666
07:10:39	108.67	3.41	345.30	253.97	177.05	70.28	1280.34	39.3496	41.1990	25.2170	0.0735	0.4008	7.7955	0.0736
07:10:40	108.67	3.41	345.79	295.48	173.38	70.04	1870.17	35.0482	36.7012	25.5563	0.0757	0.4122	8.5483	0.0807
07:10:41	108.67	3.42	345.79	1211.23	439.56	70.28	1723.22	35.0482	36.7012	25.5563	0.0779	0.4236	9.3010	0.0878
07:10:42	108.67	3.42	345.79	1211.23	439.56	70.28	1723.22	33.1365	34.6921	25.8955	0.0799	0.4343	10.0603	0.0950
07:10:43	108.67	3.42	345.30	1445.67	542.12	70.28	1556.95	38.5531	40.3629	26.2348	0.0823	0.4469	10.8296	0.1023
07:10:44	108.67	3.42	345.79	1365.08	540.90	70.28	1141.53	158.0356	165.4805	31.7757	0.0922	0.4984	11.7645	0.1111
07:10:45	108.67	3.44	345.79	923.08	457.88	70.28	1155.76	158.0356	165.4805	31.7757	0.1020	0.5498	12.6994	0.1200
07:10:46	108.67	3.46	345.79	717.95	400.49	70.76	1180.17	188.6231	197.5089	32.9065	0.1138	0.6112	13.6676	0.1291
07:10:47	108.67	3.46	345.79	717.95	400.49	70.52	1180.17	178.1087	186.4992	33.8112	0.1249	0.6692	14.6625	0.1385
07:10:48	139.44	3.53	345.79	499.39	271.06	70.52	1268.14	120.4385	126.1515	34.9420	0.1324	0.7084	15.6976	0.1482
07:10:49	139.32	3.53	345.79	499.39	271.06	70.52	1268.14	93.6744	98.1331	35.6205	0.1382	0.7389	16.7564	0.1581
07:10:50	139.32	3.59	345.30	505.49	261.29	70.52	1321.02	93.6744	98.1331	35.6205	0.1441	0.7694	17.8152	0.1680
07:10:51	139.44	3.65	345.79	555.56	267.40	70.52	1356.10	65.1578	68.3340	38.3344	0.1493	0.7907	18.9805	0.1786
07:10:52	139.44	3.72	345.30	634.92	305.25	70.52	1404.41	65.1578	68.3340	38.3344	0.1545	0.8119	20.1457	0.1893
07:10:53	139.44	3.78	345.30	713.06	333.33	70.28	1411.53	65.9544	69.2233	39.9175	0.1598	0.8334	21.3792	0.2004
07:10:54	139.44	3.84	449.82	689.87	333.33	70.28	1425.76	72.4861	76.1340	41.0484	0.1656	0.8571	22.6669	0.2118
07:10:55	139.44	3.89	449.82	648.35	315.02	70.52	1438.48	82.8413	87.0916	42.5184	0.1722	0.8841	24.0264	0.2236

1	K1	1	unitless	for flow calc	
2	K2	1	unitless	for NOx calc (expl deriv.)	K2=1/(1-0.0047*(H-75))
3	CO density	32.65	gm/ft^3	T=70 F, P=760 mmHG	H=grains of water/lbm dry air
4	NOx density	53.96	gm/ft^3	T=70 F, P=760 mmHG	
5	Rhc	1.8	unitless	Diesel #2	
6	Ywi	0.03	unitless	for humidity comp. (from chart)	
7	gear ratio	3.58	unitless		
8	axle rev	16	pulses		
9	tire	114	inches		
10	interval	1	seconds		
11	CO2 density	51.61	gm/ft^3	T=70 F, P=760 mmHG	
12	FF1	0.5			
13	FF2	0			

07:10:56	213.80	4.19	449.82	533.58	272.28	70.52	1451.19	93.0371	97.8969	42.6315	0.1797	0.9145	25.4139	0.2354
07:10:57	213.80	4.28	449.33	507.94	272.28	70.52	1451.19	90.0102	94.7806	43.0838	0.1869	0.9529	26.8364	0.2474
07:10:58	213.80	4.28	449.33	507.94	260.07	70.52	1463.39	84.5937	89.1417	43.5361	0.1938	0.9889	28.2943	0.2595
07:10:59	213.80	4.44	449.82	511.60	242.98	70.28	1503.05	69.6185	73.6647	43.6492	0.2024	1.0187	29.8688	0.2716
07:11:00	213.80	4.56	449.82	612.94	242.98	70.28	1503.05	66.2730	70.2046	43.6492	0.2106	1.0471	31.4756	0.2837
07:11:01	213.80	4.56	449.82	612.94	267.40	70.52	1542.20	66.2730	70.2046	44.1015	0.2188	1.0755	33.0991	0.2960
07:11:02	213.80	4.66	449.82	738.71	307.69	70.28	1562.04	66.7509	70.8611	45.4585	0.2271	1.1041	34.8351	0.3086
07:11:03	213.80	4.91	552.87	830.28	358.97	70.52	1570.68	79.9737	85.0386	45.4585	0.2371	1.1385	36.6200	0.3212
07:11:04	213.80	4.91	552.87	830.28	358.97	70.52	1571.70	79.9737	85.0386	46.5893	0.2470	1.1729	38.4492	0.3342
07:11:05	213.68	5.00	552.38	781.44	346.76	70.28	1575.76	96.3826	102.6140	47.1547	0.2590	1.2145	40.3387	0.3473
07:11:06	213.80	5.12	552.38	720.39	326.01	70.28	1600.17	108.3309	115.7166	47.3809	0.2726	1.2720	42.3391	0.3604
07:11:07	380.34	5.25	552.38	724.05	328.45	70.28	1611.87	108.3309	115.7166	47.3809	0.2861	1.3295	44.3395	0.3736
07:11:08	380.34	5.34	552.38	779.00	367.52	71.73	1616.95	101.9585	109.0390	47.4940	0.2989	1.3837	46.3814	0.3868
07:11:09	380.34	5.43	552.38	798.53	388.28	71.73	1634.24	93.9930	100.6865	48.2855	0.3107	1.4337	48.5092	0.4002
07:11:10	380.34	5.65	552.38	974.36	424.91	71.73	1661.70	94.4709	101.3965	48.6248	0.3318	1.4841	50.7041	0.4137
07:11:11	380.34	5.65	552.38	974.36	424.91	71.73	1661.70	101.6399	109.2204	48.8509	0.3545	1.5383	52.9471	0.4273
07:11:12	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	104.1888	112.0922	49.1902	0.3779	1.5940	55.2436	0.4410
07:11:13	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	127.1295	137.1822	50.2079	0.4064	1.6622	57.6855	0.4549
07:11:14	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	127.1295	137.1822	50.2079	0.4350	1.7303	60.1273	0.4688
07:11:15	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	125.8550	135.9677	50.2079	0.4633	1.7979	62.6079	0.4828
07:11:16	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	125.8550	135.9677	50.2079	0.4916	1.8654	65.0886	0.4967
07:11:17	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	125.8550	135.9677	50.2079	0.5199	1.9330	67.5692	0.5107
07:11:18	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	125.8550	135.9677	50.2079	0.5482	2.0005	70.0498	0.5246
07:11:19	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	125.8550	135.9677	50.2079	0.5766	2.0681	72.5304	0.5386
07:11:20	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	125.8550	135.9677	50.2079	0.6049	2.1356	75.0111	0.5525
07:11:21	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	125.8550	135.9677	50.2079	0.6332	2.2031	77.4917	0.5665
07:11:22	380.34	5.74	552.38	964.59	423.69	71.49	1666.27	125.8550	135.9677	50.2079	0.6615	2.2707	79.9723	0.5804
07:11:23	499.39	6.83	941.15	896.21	429.79	71.73	1720.68	125.8550	135.9677	50.2079	0.6898	2.3382	82.4530	0.5944
07:11:24	499.39	6.83	941.15	896.21	429.79	71.73	1720.68	125.8550	135.9677	50.2079	0.7181	2.4058	84.9336	0.6083
07:11:25	499.51	6.88	940.66	831.50	387.06	71.73	1736.95	125.8550	135.9677	50.2079	0.7464	2.4733	87.4142	0.6223
07:11:26	499.39	6.90	940.66	879.12	400.49	71.73	1747.63	116.9336	128.1734	52.0172	0.7815	2.5818	90.4699	0.6367
07:11:27	499.51	6.92	941.15	1061.05	428.57	71.73	1754.75	116.9336	128.1734	52.0172	0.8165	2.6903	93.5257	0.6512
07:11:28	499.51	6.92	941.15	1061.05	428.57	71.73	1754.75	108.4902	119.0037	52.3564	0.8491	2.7910	96.6259	0.6657
07:11:29	499.63	6.93	941.15	1021.98	426.13	71.73	1750.17	114.7033	125.8382	52.8088	0.8835	2.8974	99.7583	0.6804
07:11:30	499.39	6.93	940.66	949.94	406.59	71.73	1753.73	138.4405	151.9264	52.9218	0.9250	3.0260	102.9081	0.6951
07:11:31	499.39	6.93	940.66	899.88	394.38	71.73	1760.34	138.4405	151.9264	52.9218	0.9666	3.1546	106.0578	0.7098
07:11:32	499.51	6.90	940.66	907.20	394.38	71.73	1765.42	133.3426	146.3544	52.9218	1.0066	3.2785	109.2129	0.7245
07:11:33	499.51	6.90	940.66	907.20	394.38	71.73	1765.42	123.9433	136.0378	53.0349	1.0438	3.3936	112.3747	0.7392
07:11:34	499.39	6.84	856.65	1008.10	445.67	71.73	1780.17	117.4116	128.8688	53.0349	1.0790	3.5026	115.5365	0.7539
07:11:35	499.51	6.77	856.65	1111.11	523.81	71.98	1790.34	118.3674	129.8581	53.3742	1.1146	3.6124	118.7025	0.7688
07:11:36	499.51	6.77	856.65	1111.11	523.81	71.98	1790.34	118.3674	129.8581	53.3742	1.1501	3.7223	121.8684	0.7836
07:11:37	499.51	6.73	856.17	1128.98	526.25	72.22	1794.92	131.2714	143.9114	53.8265	1.1894	3.8332	125.0358	0.7985
07:11:38	499.39	6.70	856.65	1153.85	531.14	72.22	1799.49	144.9722	158.7931	54.1657	1.2328	3.9555	128.1923	0.8136
07:11:39	499.39	6.64	855.68	1180.71	527.47	72.22	1801.53	144.9722	158.7931	54.1657	1.2763	4.0778	131.3487	0.8286
07:11:40	499.39	6.61	856.17	1179.49	512.82	72.46	1801.53	147.0432	160.9626	54.2788	1.3203	4.2018	134.4899	0.8437
07:11:41	499.39	6.53	856.17	1168.08	531.14	72.70	1800.00	150.5480	164.7400	54.3919	1.3653	4.3287	137.6248	0.8588
07:11:42	499.39	6.50	856.65	1129.43	527.47	72.70	1800.00	154.0529	168.4457	54.5050	1.4114	4.4583	140.7388	0.8740
07:11:43	499.39	6.39	774.60	1092.80	495.73	73.19	1803.56	153.8936	168.2025	54.2788	1.4574	4.5878	143.8253	0.8890
07:11:44	499.39	6.39	774.60	1092.80	495.73	73.19	1803.56	152.1412	166.1081	54.2788	1.5028	4.7157	146.8735	0.9041
07:11:45	499.39	6.33	774.60	1095.24	473.75	73.43	1808.14	147.3619	160.8323	54.5050	1.5468	4.8396	149.9216	0.9193
07:11:46	499.51	6.27	774.11	1111.11	433.46	73.67	1813.73	142.5826	155.3928	54.5050	1.5893	4.9479	152.9184	0.9344
07:11:47	499.39	6.20	774.11	1166.06	435.90	73.67	1821.36	142.5826	155.3928	54.5050	1.6317	5.0561	155.9153	0.9495
07:11:48	499.39	6.15	774.60	1201.46	465.20	73.91	1824.41	142.9012	155.6202	54.7311	1.6743	5.1646	158.8970	0.9647
07:11:49	499.39	6.15	774.60	1201.46	465.20	74.16	1824.41	144.9722	157.7378	54.6181	1.7174	5.2744	161.8413	0.9799
07:11:50	499.39	5.98	774.60	1183.15	503.05	74.16	1823.39	152.1412	165.3936	55.1835	1.7627	5.3895	164.7846	0.9952
07:11:51	499.39	5.98	774.60	1183.15	503.05	74.16	1823.39	156.7611	170.3110	55.1835	1.8092	5.5082	167.7057	1.0106
07:11:52	499.51	5.91	774.60	1179.49	504.27	74.40	1827.46	156.7611	170.3110	55.1835	1.8558	5.6268	170.6268	1.0259
07:11:53	499.39	5.86	774.60	1188.03	514.04	74.40	1832.03	154.3715	167.3360	55.0704	1.9015	5.7434	173.4605	1.0412
07:11:54	499.51	5.79	680.34	1203.91	521.37	74.64	1846.27	154.3715	167.3360	55.0704	1.9473	5.8599	176.2942	1.0565
07:11:55	499.39	5.77	680.34	1297.92	533.58	74.64	1856.95	153.8936	166.6552	55.0704	1.9929	5.9760	179.0927	1.0718
07:11:56	499.51	5.75	680.34	1384.61	565.32	74.64	1865.59	155.0087	167.7679	55.2965	2.0387	6.0929	181.8823	1.0871
07:11:57	499.51	5.69	679.85	1489.62	628.82	74.88	1872.20	157.0798	169.8521	55.7489	2.0852	6.1968	184.6611	1.1026
07:11:58	499.51	5.63	680.34	1424.91	617.83	74.88	1874.75	169.3466	183.0598	56.0881	2.1352	6.3088	187.4454	1.1182
07:11:59	499.51	5.60	680.83	1424.91	617.83	74.88	1874.75	180.6576	195.2265	56.5404	2.1886	6.4283	190.2408	1.1339
07:12:00	499.51	5.60	680.83	1395.60	604.40	75.13	1878.81	194.3583	209.8808	56.6535	2.2460	6.5566	193.0152	1.1497
07:12:01	499.51	5.58	680.34	1326.01	590.96	75.13	1879.83	185.9149	200.6081	56.7666	2.3009	6.6794	195.7665	1.1654
07:12:02	499.51	5.54	680.34	1295.48	573.87	75.13	1878.81	185.9149	200.5049	56.7666	2.3557	6.8021	198.4987	1.1812

07:12:03	499.39	5.51	680.34	1271.06	579.98	75.13	1876.78	182.0914	196.3814	56.6535	2.4094	6.9224	201.2255	1.1969
07:12:04	499.51	5.48	586.08	1228.33	534.80	75.13	1871.70	173.0108	186.5401	56.8797	2.4605	7.0365	203.9536	1.2127
07:12:05	499.39	5.45	586.57	1124.54	435.90	75.13	1869.66	169.0280	182.1521	56.7666	2.5103	7.1480	206.6572	1.2285
07:12:06	499.39	5.39	586.57	1114.77	446.89	74.88	1874.24	165.8418	178.6633	56.6535	2.5591	7.2573	209.3440	1.2442
07:12:07	499.39	5.39	586.57	1192.92	442.00	75.13	1874.24	160.2660	172.5853	56.6535	2.6063	7.3482	212.0156	1.2600
07:12:08	499.39	5.39	586.57	1192.92	442.00	75.13	1881.36	146.7246	157.9379	56.5404	2.6495	7.4316	214.6667	1.2757
07:12:09	499.39	5.36	586.57	1244.20	460.32	74.88	1881.36	145.4501	156.4370	56.6535	2.6923	7.5141	217.2926	1.2914
07:12:10	499.51	5.34	586.57	1286.94	452.99	74.88	1881.36	155.6460	167.4030	56.6535	2.7380	7.6024	219.9186	1.3072
07:12:11	499.39	5.31	586.08	1253.97	446.89	74.88	1879.32	155.6460	167.4030	56.8797	2.7838	7.6907	222.5550	1.3230
07:12:12	499.27	5.30	586.08	1217.34	449.33	75.13	1874.24	162.3370	174.5275	56.8797	2.8315	7.7828	225.1761	1.3388
07:12:13	499.39	5.28	586.57	1191.70	468.86	75.13	1869.66	167.9129	180.4756	56.8797	2.8809	7.8780	227.7877	1.3546
07:12:14	499.51	5.25	568.50	1142.86	478.63	75.13	1871.70	163.6115	175.7980	56.6535	2.9290	7.9706	230.3774	1.3703
07:12:15	499.51	5.25	568.50	1156.29	468.86	75.13	1871.70	158.8322	170.6275	56.6535	2.9756	8.0606	232.9596	1.3860
07:12:16	499.51	5.25	568.50	1156.29	468.86	75.13	1875.76	155.4867	166.9992	56.4273	3.0213	8.1487	235.5239	1.4017
07:12:17	470.57	5.23	568.50	1189.26	490.84	75.13	1873.22	149.1143	160.0807	56.5404	3.0650	8.2305	238.0762	1.4174
07:12:18	470.45	5.21	568.50	1174.60	496.95	75.13	1866.10	150.8667	161.9620	56.5404	3.1093	8.3133	240.6285	1.4331
07:12:19	470.45	5.21	568.50	1174.60	496.95	75.13	1866.10	150.8667	161.9620	56.7666	3.1536	8.3961	243.1911	1.4489
07:12:20	470.45	5.21	568.50	1109.89	470.09	75.13	1869.66	155.1680	166.5279	56.6535	3.1965	8.4813	245.7390	1.4646
07:12:21	470.57	5.21	568.50	1092.80	452.99	75.13	1871.70	153.2563	164.4423	56.3143	3.2389	8.5653	248.2641	1.4803
07:12:22	470.45	5.21	568.50	1161.17	467.64	75.13	1875.76	153.2563	164.4423	56.3143	3.2812	8.6494	250.7892	1.4959
07:12:23	470.57	5.21	568.50	1161.17	467.64	75.13	1875.76	144.8129	155.3826	56.4273	3.3213	8.7288	253.3193	1.5116
07:12:24	470.57	5.21	551.89	1164.83	448.11	75.13	1870.17	142.5826	152.9895	56.5404	3.3607	8.8071	255.8545	1.5273
07:12:25	470.57	5.21	552.38	1103.79	439.56	75.13	1864.58	151.5039	162.5536	56.6535	3.4025	8.8902	258.3929	1.5430
07:12:26	470.57	5.21	552.38	1010.99	428.57	75.13	1864.58	151.5039	162.5536	56.6535	3.4444	8.9733	260.9313	1.5588
07:12:27	470.45	5.18	552.38	1000.00	429.79	74.88	1868.14	151.9818	163.0664	56.4273	3.4864	9.0542	263.4596	1.5744
07:12:28	347.13	5.17	551.89	1064.71	454.21	74.88	1876.27	144.0164	154.5200	56.4273	3.5262	9.1310	265.9879	1.5901
07:12:29	347.13	5.17	552.38	1140.42	484.74	75.13	1881.87	131.9088	141.5294	56.4273	3.5627	9.2013	268.5161	1.6058
07:12:30	347.13	5.15	552.38	1242.98	576.31	75.37	1865.09	130.4750	139.9405	56.4273	3.5988	9.2708	271.0311	1.6215
07:12:31	347.13	5.15	552.38	1242.98	576.31	75.37	1865.09	138.9184	148.9397	56.7666	3.6271	9.3447	273.5555	1.6372
07:12:32	347.25	5.15	552.38	1175.82	558.00	75.37	1866.61	148.7957	159.5295	56.8797	3.6574	9.4240	276.0850	1.6530
07:12:33	347.13	5.15	552.38	1145.30	543.35	75.37	1866.61	162.1777	173.8231	56.2012	3.6904	9.5103	278.5729	1.6686
07:12:34	347.13	5.13	526.01	1169.72	540.90	75.37	1870.17	162.1777	173.8231	56.2012	3.7235	9.5967	281.0608	1.6842
07:12:35	347.01	5.11	526.01	1197.80	528.69	75.37	1874.75	153.4156	164.4319	56.3143	3.7547	9.6784	283.5538	1.6999
07:12:36	347.13	5.11	526.01	1256.41	526.25	75.37	1878.31	149.4329	160.1631	56.4273	3.7852	9.7579	286.0517	1.7156
07:12:37	347.25	5.07	526.01	1285.71	523.81	75.61	1878.31	152.6191	163.5444	56.5404	3.8162	9.8353	288.5470	1.7313
07:12:38	260.68	5.04	526.01	1269.84	545.79	75.61	1875.76	156.2832	167.4189	56.6535	3.8480	9.9145	291.0360	1.7470
07:12:39	260.68	5.04	526.01	1269.84	545.79	75.61	1875.76	163.9301	175.6107	56.7666	3.8814	9.9976	293.5299	1.7628
07:12:40	260.81	5.04	526.01	1247.86	533.58	75.85	1873.73	167.7535	179.6232	56.6535	3.9156	10.0825	296.0017	1.7785
07:12:41	260.81	5.03	526.01	1212.45	525.03	75.85	1873.73	165.6825	177.3043	56.6535	3.9409	10.1664	298.4582	1.7942
07:12:42	260.81	5.01	526.50	1157.51	490.84	75.85	1873.73	165.6825	177.3043	56.6535	3.9662	10.2503	300.9148	1.8100
07:12:43	260.81	5.01	526.01	1122.10	459.10	75.61	1877.29	162.8149	174.2356	56.5404	3.9911	10.3327	303.3665	1.8257
07:12:44	260.68	4.98	501.10	1112.33	446.89	75.61	1873.22	158.1949	169.2654	56.5404	4.0152	10.4128	305.8125	1.8414
07:12:45	260.81	4.98	500.61	1119.66	445.67	75.61	1875.26	151.0260	161.5447	56.6535	4.0383	10.4893	308.2519	1.8571
07:12:46	203.79	4.95	500.61	1179.49	471.31	75.61	1879.83	146.4060	156.6029	56.6535	4.0607	10.5634	310.6914	1.8729
07:12:47	203.79	4.93	500.61	1179.49	471.31	75.61	1879.83	145.1315	155.1916	56.5404	4.0828	10.6333	313.1146	1.8886
07:12:48	203.79	4.93	500.61	1211.23	503.05	75.61	1881.36	146.0874	156.2137	56.6535	4.1051	10.7036	315.5426	1.9043
07:12:49	203.79	4.90	500.61	1213.68	505.49	75.61	1881.36	153.8936	164.4759	56.7666	4.1235	10.7777	317.9602	1.9201
07:12:50	203.79	4.89	501.10	1194.14	495.73	75.61	1881.36	153.8936	164.4250	56.7666	4.1418	10.8517	320.3664	1.9359
07:12:51	203.79	4.89	500.61	1172.16	492.06	75.61	1878.31	158.0356	168.8505	56.7666	4.1606	10.9277	322.7726	1.9516
07:12:52	203.79	4.87	500.61	1156.29	488.40	75.61	1879.32	158.3543	169.1385	56.7666	4.1795	11.0039	325.1673	1.9674
07:12:53	203.79	4.87	488.40	1108.67	503.05	75.85	1879.32	155.8053	166.3816	56.8797	4.1981	11.0789	327.5592	1.9832
07:12:54	203.79	4.87	488.40	1108.67	505.49	75.61	1879.32	152.9377	163.3194	56.6535	4.2163	11.1524	329.9416	1.9989
07:12:55	203.79	4.86	488.40	1142.86	503.05	75.61	1879.32	150.8667	161.0662	56.8797	4.2343	11.2249	332.3239	2.0147
07:12:56	203.79	4.86	488.40	1142.86	518.93	75.61	1879.32	144.6536	154.4331	56.7666	4.2515	11.2927	334.7015	2.0305
07:12:57	164.84	4.85	487.91	1179.49	531.14	75.85	1880.34	144.6536	154.4331	56.7666	4.2687	11.3606	337.0791	2.0463
07:12:58	164.84	4.85	487.91	1211.23	547.01	75.85	1882.88	149.1143	159.1707	56.6535	4.2865	11.4305	339.4462	2.0620
07:12:59	164.71	4.85	487.91	1231.99	532.38	75.85	1883.90	149.1143	159.1707	56.6535	4.3043	11.5004	341.8134	2.0777
07:13:00	164.84	4.85	488.40	1246.64	512.82	75.85	1886.44	153.8936	164.2351	56.7666	4.3191	11.5725	344.1795	2.0935
07:13:01	164.84	4.82	487.91	1257.63	495.73	75.85	1887.46	158.0356	168.6555	56.8797	4.3343	11.6465	346.5504	2.1093
07:13:02	164.84	4.82	488.40	1291.82	496.95	76.10	1882.88	160.7439	171.5457	56.7666	4.3498	11.7217	348.9165	2.1251
07:13:03	164.84	4.82	474.24	1291.82	496.95	76.10	1882.88	162.6556	173.5859	56.9928	4.3654	11.7980	351.2921	2.1409
07:13:04	164.84	4.82	474.24	1250.31	476.19	75.85	1881.36	164.0894	175.0618	56.8797	4.3812	11.8748	353.6515	2.1567
07:13:05	164.84	4.82	474.24	1125.76	426.13	75.61	1878.81	168.5501	179.8208	56.9928	4.3975	11.9538	356.0156	2.1725
07:13:06	142.49	4.84	474.73	1120.88	418.80	75.85	1878.81	168.5501	179.8208	56.9928	4.4137	12.0305	358.3797	2.1884
07:13:07	142.37	4.84	474.24	1152.63	448.11	75.85	1877.80	163.1336	174.0421	56.7666	4.4294	12.1047	360.7344	2.2041
07:13:08	142.37	4.84	474.24	1151.40	450.55	75.85	1877.80	146.8839	156.7058	56.6535	4.4435	12.1715	363.0844	2.2199
07:13:09	142.37	4.84	474.24	1142.86	460.32	75.61	1875.76	146.2467	156.0518	56.7666	4.4557	12.2382	365.4467	2.2356

07:13:10	142.37	4.85	474.24	1115.99	457.88	75.85	1875.76	150.3887	160.4716	56.7666	4.4682	12.3066	367.8090	2.2514
07:13:11	142.37	4.85	474.24	1115.99	457.88	75.85	1875.76	150.2294	160.3016	56.7666	4.4807	12.3750	370.1714	2.2672
07:13:12	142.37	4.85	474.24	1111.11	456.65	75.61	1874.75	149.1143	159.1117	56.7666	4.4931	12.4428	372.5337	2.2829
07:13:13	142.37	4.85	482.05	1098.46	446.89	75.61	1873.73	145.6094	155.4039	56.7666	4.5052	12.5091	374.9037	2.2987
07:13:14	142.37	4.85	482.05	1088.38	427.35	75.37	1873.73	145.6094	155.4039	56.7666	4.5173	12.5754	377.2736	2.3145
07:13:15	142.49	4.85	482.54	1083.49	407.81	75.37	1874.75	144.9722	154.7238	56.7666	4.5294	12.6414	379.6436	2.3303
07:13:16	142.37	4.84	482.54	1083.49	413.92	75.61	1874.75	143.0605	152.6835	56.5404	4.5413	12.7076	382.0041	2.3460
07:13:17	134.43	4.86	482.05	1094.02	450.55	75.37	1875.76	139.3964	148.7729	56.6535	4.5529	12.7721	384.3694	2.3617
07:13:18	134.31	4.86	482.54	1112.33	479.85	75.37	1878.31	138.7591	148.0928	56.6535	4.5645	12.8363	386.7346	2.3774
07:13:19	134.43	4.86	482.54	1112.33	479.85	75.37	1878.31	138.7591	148.0699	56.7666	4.5760	12.9006	389.0988	2.3932
07:13:20	134.43	4.86	482.54	1147.74	527.47	75.61	1878.31	142.7419	152.3491	56.6535	4.5872	12.9666	391.4660	2.4089
07:13:21	134.43	4.86	482.54	1207.57	554.33	75.61	1878.31	145.1315	154.8996	56.7666	4.5986	13.0339	393.8378	2.4247
07:13:22	134.43	4.85	482.54	1213.68	550.67	75.61	1878.31	145.1315	154.8996	56.7666	4.6100	13.1011	396.2097	2.4405
07:13:23	134.43	4.85	482.54	1213.68	550.67	75.61	1878.31	149.7515	159.8305	56.8797	4.6218	13.1704	398.5863	2.4563
07:13:24	134.43	4.85	487.91	1152.63	533.58	75.61	1878.27	157.5577	168.1621	56.7666	4.6341	13.2434	400.9582	2.4720
07:13:25	134.31	4.85	487.91	1122.10	509.16	75.61	1874.75	158.3543	168.9861	56.6535	4.6466	13.3167	403.3196	2.4878
07:13:26	134.43	4.86	488.40	1142.86	474.97	75.61	1872.20	158.3543	168.9861	56.6535	4.6590	13.3901	405.6810	2.5035
07:13:27	133.82	4.85	488.40	1142.86	474.97	75.61	1872.20	150.3887	160.4858	56.6535	4.6708	13.4605	408.0425	2.5193
07:13:28	133.82	4.85	488.40	1156.29	470.09	75.85	1872.20	146.4060	156.2356	56.6535	4.6823	13.5291	410.4039	2.5350
07:13:29	133.82	4.85	488.40	1186.81	492.06	75.85	1872.20	149.1143	159.1586	56.6535	4.6940	13.5990	412.7729	2.5507
07:13:30	133.82	4.83	488.40	1200.24	503.05	75.85	1872.20	149.1143	159.1256	56.6535	4.7057	13.6689	415.1344	2.5665
07:13:31	133.82	4.85	487.91	1218.56	523.81	75.85	1874.75	150.8667	160.9956	56.6535	4.7175	13.7396	417.4958	2.5822
07:13:32	133.82	4.83	488.40	1223.44	526.25	75.85	1874.75	154.8494	165.2458	56.4273	4.7296	13.8122	419.8478	2.5979
07:13:33	133.82	4.81	487.91	1212.45	506.72	75.85	1872.71	156.6018	167.0900	56.5404	4.7418	13.8855	422.1988	2.6136
07:13:34	133.82	4.82	478.63	1126.98	431.01	75.85	1873.73	158.9915	169.6659	56.6535	4.7543	13.9600	424.5603	2.6293
07:13:35	133.82	4.81	478.14	1126.98	431.01	75.85	1873.73	159.6287	170.3020	56.6535	4.7667	14.0348	426.9122	2.6451
07:13:36	133.82	4.81	478.14	1079.36	383.39	75.61	1873.73	158.1949	168.7288	56.5404	4.7791	14.1088	429.2499	2.6608
07:13:37	133.82	4.81	478.14	1085.47	328.01	75.61	1876.78	147.0432	156.8669	56.4273	4.7906	14.1764	431.5906	2.6764
07:13:38	130.40	4.80	478.14	1062.27	327.23	75.37	1876.78	147.0432	156.8426	56.4273	4.8021	14.2438	433.9255	2.6921
07:13:39	130.40	4.80	478.63	1034.19	385.84	75.37	1875.76	140.8301	150.2155	56.5404	4.8131	14.3084	436.2651	2.7078
07:13:40	130.40	4.78	478.14	1039.07	420.02	75.37	1875.76	141.6267	151.0651	56.6535	4.8242	14.3734	438.6095	2.7236
07:13:41	130.40	4.80	478.14	1059.83	454.21	75.37	1875.76	138.5998	147.8126	56.6535	4.8347	14.4369	440.9481	2.7393
07:13:42	130.53	4.77	478.63	1140.42	496.95	75.61	1875.76	134.9357	143.9050	56.7666	4.8450	14.4989	443.2913	2.7551
07:13:43	130.53	4.77	478.63	1140.42	496.95	75.61	1875.76	135.5729	144.5472	56.7666	4.8553	14.5610	445.6251	2.7708
07:13:44	130.53	4.77	466.42	1163.61	515.26	75.61	1874.24	138.2812	147.4652	56.5404	4.8658	14.6244	447.9571	2.7865
07:13:45	130.40	4.77	466.42	1156.29	495.73	75.61	1874.24	148.7957	158.6289	56.7666	4.8772	14.6927	450.2870	2.8023
07:13:46	130.53	4.77	465.93	1177.05	489.62	75.61	1874.24	148.7957	158.6289	56.7666	4.8885	14.7610	452.6169	2.8181
07:13:47	127.47	4.78	465.93	1205.13	505.49	75.61	1874.24	151.8225	161.8558	56.7666	4.9001	14.8289	454.9468	2.8338
07:13:48	127.47	4.78	466.42	1216.12	527.47	75.61	1875.76	150.8667	160.8367	56.6535	4.9116	14.8964	457.2721	2.8496
07:13:49	127.35	4.78	465.93	1229.55	533.58	75.85	1877.80	153.5750	163.7240	56.6535	4.9233	14.9650	459.5974	2.8653
07:13:50	127.47	4.76	465.93	1201.48	561.66	75.85	1872.71	157.2391	167.6553	56.6535	4.9350	15.0352	461.9284	2.8810
07:13:51	127.47	4.78	465.93	1201.48	561.66	75.85	1872.71	158.6729	169.1841	56.6535	4.9468	15.1062	464.2594	2.8968
07:13:52	127.47	4.78	466.42	1098.90	465.20	75.61	1866.61	160.4253	171.0526	56.7666	4.9587	15.1779	466.5950	2.9126
07:13:53	127.47	4.77	466.42	1031.75	437.12	75.61	1867.63	156.7611	167.1026	56.4273	4.9704	15.2479	468.9072	2.9282
07:13:54	127.47	4.79	473.75	1014.65	426.13	75.61	1868.65	156.7611	167.1457	56.4273	4.9820	15.3179	471.2289	2.9439
07:13:55	127.47	4.76	474.24	1042.73	437.12	75.61	1868.65	143.3791	152.8772	56.3143	4.9927	15.3820	473.5459	2.9595
07:13:56	127.47	4.78	474.73	1078.14	452.99	75.61	1869.68	134.6171	143.5051	56.3143	5.0027	15.4422	475.8554	2.9752
07:13:57	123.44	4.78	474.24	1091.57	433.46	75.61	1870.68	132.3867	141.1639	56.3143	5.0126	15.5024	478.1743	2.9908
07:13:58	123.44	4.79	474.73	1081.81	452.99	75.61	1872.71	136.0507	145.0259	56.5404	5.0227	15.5642	480.4912	3.0065
07:13:59	123.44	4.79	474.24	1079.36	452.99	75.61	1872.71	140.6708	149.9741	56.5404	5.0332	15.6283	482.8137	3.0222
07:14:00	123.44	4.79	474.24	1079.36	473.75	75.37	1874.24	142.4232	151.8412	56.4273	5.0434	15.6930	485.1316	3.0379
07:14:01	123.44	4.79	474.24	1086.69	489.62	75.61	1874.24	141.1488	150.5058	56.6535	5.0536	15.7573	487.4645	3.0537
07:14:02	123.44	4.80	474.24	1148.96	532.36	75.61	1874.24	140.8301	150.1661	56.6535	5.0637	15.8213	489.7974	3.0694
07:14:03	123.44	4.80	474.24	1161.17	518.93	75.61	1872.20	140.8301	150.1661	56.6535	5.0739	15.8854	492.1303	3.0851
07:14:04	123.44	4.78	483.03	1145.30	493.28	75.61	1874.24	141.7860	151.1853	56.6535	5.0841	15.9499	494.4632	3.1009
07:14:05	123.44	4.78	483.03	1142.86	489.62	75.85	1874.24	149.9108	159.8817	56.6535	5.0949	16.0180	496.8037	3.1166
07:14:06	122.47	4.80	482.54	1147.74	474.97	75.61	1878.81	151.5039	161.5808	56.6535	5.1058	16.0870	499.1442	3.1323
07:14:07	122.34	4.80	482.54	1150.18	492.06	75.61	1878.81	149.4329	159.3308	56.6535	5.1166	16.1562	501.4752	3.1481
07:14:08	122.34	4.80	482.54	1150.18	492.06	75.85	1876.27	149.1143	158.9911	56.5404	5.1273	16.2252	503.8015	3.1638
07:14:09	122.47	4.79	482.54	1094.02	445.67	75.61	1873.73	149.7515	159.6950	56.6535	5.1380	16.2945	506.1382	3.1795
07:14:10	122.47	4.78	482.54	1094.02	445.67	75.61	1873.73	150.0701	160.0348	56.6535	5.1488	16.3640	508.4749	3.1953
07:14:11	122.47	4.79	483.03	1079.36	412.70	75.61	1877.80	150.0701	160.0348	56.6535	5.1595	16.4334	510.8116	3.2110
07:14:12	122.47	4.79	482.54	1079.36	440.78	75.85	1880.34	142.7419	152.2121	56.5404	5.1697	16.4995	513.1417	3.2267
07:14:13	122.34	4.77	472.28	1126.98	415.14	75.37	1881.87	142.7419	152.1885	56.5404	5.1799	16.5655	515.4662	3.2424
07:14:14	122.47	4.77	471.79	1131.87	409.04	75.37	1877.29	140.8301	150.1735	56.6535	5.1900	16.6308	517.8010	3.2581
07:14:15	122.47	4.77	472.28	1102.56	410.26	75.37	1877.29	140.8301	150.1735	56.6535	5.2000	16.6959	520.1357	3.2739
07:14:16	116.85	4.77	472.28	1102.56	410.26	75.37	1872.71	147.0432	156.7583	56.8797	5.2105	16.7625	522.4703	3.2897

07:14:17	116.85	4.77	471.79	1001.22	391.94	75.13	1867.12	147.6805	157.4377	56.6535	5.2211	16.8293	524.7956	3.3054
07:14:18	116.85	4.77	471.79	1001.22	391.94	75.13	1869.15	143.8570	153.3616	56.6535	5.2314	16.8945	527.1209	3.3212
07:14:19	116.97	4.77	472.28	1028.08	390.72	75.13	1872.71	143.8570	153.3601	56.6535	5.2412	16.9596	529.4461	3.3369
07:14:20	116.97	4.76	472.28	1076.92	409.04	75.13	1878.31	130.6343	139.2639	56.5404	5.2501	17.0187	531.7668	3.3526
07:14:21	116.85	4.75	471.79	1219.78	510.38	75.37	1879.32	130.6343	139.2639	56.5404	5.2590	17.0778	534.0874	3.3683
07:14:22	116.97	4.75	471.79	1203.91	555.56	75.37	1876.27	134.1390	143.0001	56.6535	5.2682	17.1385	536.4127	3.3840
07:14:23	116.97	4.75	461.54	1200.24	561.66	75.61	1876.27	140.5115	149.7704	56.7666	5.2778	17.2021	538.7369	3.3998
07:14:24	116.97	4.75	461.54	1200.24	561.66	75.61	1873.22	159.1508	169.6115	56.7666	5.2886	17.2741	541.0554	3.4156
07:14:25	116.97	4.72	462.03	1158.73	477.41	75.61	1871.70	157.0798	167.4044	56.7666	5.2993	17.3451	543.3739	3.4313
07:14:26	119.05	4.72	461.54	1130.65	477.41	75.61	1871.70	156.6018	166.8951	56.7666	5.3100	17.4144	545.6923	3.4471
07:14:27	119.05	4.72	461.54	1128.20	450.55	75.61	1873.73	156.6018	166.8951	56.7666	5.3207	17.4837	548.0108	3.4629
07:14:28	119.05	4.72	461.54	1128.20	450.55	75.61	1878.31	151.1853	161.0726	56.5404	5.3310	17.5506	550.3087	3.4786
07:14:29	119.05	4.72	461.54	1183.15	456.65	75.37	1880.85	147.5212	157.1694	56.5404	5.3413	17.6158	552.6065	3.4943
07:14:30	119.05	4.74	462.03	1222.22	477.41	75.37	1879.83	147.2025	156.8299	56.6535	5.3515	17.6809	554.9090	3.5100
07:14:31	119.05	4.74	461.54	1163.61	465.20	75.37	1879.83	147.2025	156.8299	56.8797	5.3617	17.7460	557.2206	3.5258
07:14:32	119.05	4.74	461.54	1163.61	465.20	75.37	1879.83	154.3715	164.4678	56.7666	5.3724	17.8143	559.5277	3.5416
07:14:33	119.05	4.72	467.89	1091.57	482.30	75.37	1877.80	159.4694	169.9254	56.7666	5.3835	17.8849	561.8404	3.5574
07:14:34	118.93	4.72	468.38	1072.04	506.72	75.61	1874.75	151.8225	161.7772	56.6535	5.3940	17.9521	564.1486	3.5731
07:14:35	119.05	4.72	467.89	1080.59	506.72	75.61	1874.75	151.8225	161.7772	56.6535	5.4046	18.0192	566.4567	3.5888
07:14:36	114.29	4.75	467.89	1087.91	543.35	75.61	1874.75	142.4232	151.7381	56.7666	5.4145	18.0831	568.7638	3.6046
07:14:37	114.29	4.75	467.89	1087.91	543.35	75.61	1874.75	139.8743	149.0224	56.6535	5.4242	18.1458	571.0662	3.6203
07:14:38	114.16	4.75	467.89	1083.03	534.80	75.85	1874.75	140.9895	150.2105	56.6535	5.4340	18.2090	573.3687	3.6361
07:14:39	114.16	4.75	468.38	1069.60	476.19	75.37	1874.75	141.9453	151.2744	56.6535	5.4434	18.2727	575.6825	3.6518
07:14:40	114.16	4.75	468.38	1069.60	476.19	75.37	1874.75	141.9453	151.2744	56.6535	5.4529	18.3363	577.9964	3.6676
07:14:41	114.16	4.73	468.38	1040.29	423.69	75.13	1877.29	141.3081	150.5953	56.5404	5.4623	18.3997	580.3056	3.6833
07:14:42	114.16	4.73	468.38	1040.29	440.78	75.13	1876.27	139.5557	148.7277	56.5404	5.4716	18.4624	582.6149	3.6990
07:14:43	114.16	4.73	468.38	1040.29	440.78	75.13	1876.27	139.5557	148.7277	56.5404	5.4809	18.5250	584.9241	3.7147
07:14:44	114.16	4.75	474.24	1074.48	472.53	75.37	1876.27	135.7322	144.6231	56.7666	5.4900	18.5859	587.2350	3.7304
07:14:45	114.16	4.75	474.24	1100.12	490.84	75.37	1876.27	135.7322	144.6231	56.6535	5.4990	18.6468	589.5412	3.7462
07:14:46	121.00	4.75	474.24	1148.96	504.27	75.37	1876.27	135.7322	144.6231	56.6535	5.5080	18.7078	591.8475	3.7619
07:14:47	121.00	4.73	474.24	1139.19	472.53	75.37	1876.27	140.1929	149.4068	56.6535	5.5174	18.7715	594.1613	3.7777
07:14:48	121.00	4.73	474.24	1125.76	472.53	75.37	1876.27	143.5384	152.9722	56.7666	5.5269	18.8367	596.4798	3.7934
07:14:49	121.00	4.73	474.73	1057.39	365.08	75.13	1874.24	149.9108	159.7737	56.6535	5.5375	18.9049	598.7956	3.8092
07:14:50	121.00	4.74	474.24	1020.76	365.08	75.13	1874.24	148.6363	158.3663	56.6535	5.5480	18.9724	601.0999	3.8249
07:14:51	121.00	4.74	474.24	1020.76	362.64	74.88	1872.71	146.8839	156.4991	56.6535	5.5584	19.0392	603.4043	3.8406
07:14:52	121.00	4.72	474.24	1012.21	373.63	74.88	1872.71	137.9626	146.9938	56.5404	5.5681	19.1019	605.7040	3.8563
07:14:53	121.00	4.74	471.79	1062.27	428.57	74.64	1872.71	133.1831	141.9308	56.5404	5.5775	19.1625	608.0114	3.8720
07:14:54	121.00	4.74	472.28	1062.27	444.44	74.64	1874.75	133.1831	141.9308	56.6535	5.5869	19.2230	610.3233	3.8878
07:14:55	121.00	4.74	472.28	1086.69	451.77	74.88	1874.75	132.0681	140.7062	56.5404	5.5962	19.2830	612.6212	3.9035
07:14:56	120.51	4.74	472.28	1140.42	451.77	74.88	1873.73	138.5998	147.6880	56.6535	5.6060	19.3457	614.9293	3.9192
07:14:57	120.51	4.74	472.28	1152.63	516.48	75.13	1870.68	138.5998	147.6880	56.6535	5.6158	19.4084	617.2375	3.9350
07:14:58	120.51	4.74	472.28	1169.72	494.51	75.13	1878.31	141.7860	151.0831	56.6535	5.6258	19.4726	619.5456	3.9507
07:14:59	120.51	4.72	472.28	1170.94	478.63	75.13	1878.31	148.7957	158.5522	56.6535	5.6363	19.5399	621.8538	3.9664
07:15:00	120.51	4.71	472.28	1170.94	478.63	75.13	1882.37	150.3887	160.2498	56.6535	5.6469	19.6080	624.1619	3.9822
07:15:01	120.51	4.71	472.28	1206.35	482.30	74.88	1880.34	152.6191	162.6264	56.6535	5.6576	19.6770	626.4701	3.9979
07:15:02	120.51	4.71	472.28	1211.23	478.63	74.88	1877.80	152.7784	162.7709	56.6535	5.6683	19.7462	628.7725	4.0136
07:15:03	120.51	4.71	469.84	1063.49	422.47	74.64	1874.24	152.7784	162.7457	56.7666	5.6791	19.8153	631.0739	4.0294
07:15:04	120.51	4.71	469.84	1063.49	422.47	74.64	1874.24	157.3984	167.6671	56.7666	5.6901	19.8865	633.3752	4.0452
07:15:05	120.51	4.70	469.84	1020.76	406.59	74.88	1871.19	158.0356	168.3459	56.7666	5.7012	19.9580	635.6765	4.0610
07:15:06	116.36	4.70	469.84	1007.33	445.67	74.64	1873.73	138.7591	147.8118	56.7666	5.7110	20.0205	637.9778	4.0767
07:15:07	116.36	4.70	469.84	1007.33	445.67	74.64	1873.73	138.7591	147.8118	56.7666	5.7207	20.0829	640.2791	4.0925
07:15:08	116.48	4.70	469.84	1095.24	479.85	74.64	1884.92	133.1831	141.8427	56.4273	5.7301	20.1429	642.5591	4.1082
07:15:09	116.48	4.70	469.84	1095.24	479.85	74.64	1884.92	131.4309	139.9754	56.5404	5.7390	20.2020	644.8437	4.1239
07:15:10	116.36	4.70	469.84	1164.83	525.03	75.13	1874.24	131.4309	139.9754	56.5404	5.7479	20.2612	647.1282	4.1396
07:15:11	116.36	4.70	469.84	882.78	433.46	74.88	1662.71	142.9012	152.1915	56.9928	5.7576	20.3255	649.4311	4.1554
07:15:12	116.36	4.70	469.84	649.57	352.87	74.88	1662.71	142.9012	152.1915	56.9928	5.7673	20.3898	651.7339	4.1712
07:15:13	116.36	4.70	469.84	649.57	352.87	74.88	1574.75	151.9818	161.8625	56.6535	5.7777	20.4582	654.0230	4.1870
07:15:14	116.36	4.69	465.93	428.57	245.42	74.64	1394.24	115.1812	122.6694	50.2079	5.7855	20.5100	656.0517	4.2009
07:15:15	116.36	4.67	466.42	356.53	245.42	74.64	1394.24	84.7530	90.2629	47.4940	5.7912	20.5481	657.9708	4.2141
07:15:16	121.00	4.69	465.93	306.47	191.70	74.64	1216.27	84.7530	90.2629	47.4940	5.7970	20.5863	659.8898	4.2273
07:15:17	121.00	4.69	465.93	306.47	191.70	74.64	1216.27	55.9179	59.5501	42.0661	5.8008	20.6112	661.5881	4.2390
07:15:18	121.00	4.67	465.93	252.75	177.05	74.64	1138.98	46.5186	49.5275	42.0661	5.8039	20.6320	663.2793	4.2507
07:15:19	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	39.9868	42.5802	36.6382	5.8067	20.6499	664.7560	4.2609
07:15:20	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	39.9868	42.5802	36.6382	5.8096	20.6677	666.2327	4.2710
07:15:21	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	32.9772	35.1069	34.3766	5.8119	20.6824	667.6125	4.2806
07:15:22	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	29.3131	31.2061	32.3411	5.8140	20.6955	668.9106	4.2896
07:15:23	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	29.3131	31.2061	32.3411	5.8160	20.7086	670.2086	4.2985

07:15:24	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	29.3131	31.2061	32.3411	5.8181	20.7217	671.5067	4.3075
07:15:25	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	29.3131	31.2061	32.3411	5.8202	20.7348	672.8048	4.3165
07:15:26	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	29.3131	31.2061	32.3411	5.8222	20.7479	674.1029	4.3255
07:15:27	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	29.3131	31.2061	32.3411	5.8243	20.7609	675.4009	4.3345
07:15:28	121.00	4.67	466.42	224.66	156.29	74.64	1072.37	29.3131	31.2061	32.3411	5.8264	20.7740	676.6990	4.3435
07:15:29	121.00	4.67	466.42	224.66	156.29	74.40	1072.37	29.3131	31.2061	32.3411	5.8284	20.7871	677.9971	4.3525
07:15:30	116.85	4.69	461.54	102.56	72.04	74.40	1072.37	29.3131	31.2061	32.3411	5.8305	20.8002	679.2952	4.3614
07:15:31	116.85	4.69	461.54	102.56	72.04	74.40	708.31	29.3131	31.2061	32.3411	5.8326	20.8133	680.5932	4.3704
07:15:32	116.85	4.68	462.03	101.34	69.60	74.40	701.19	29.3131	31.2061	32.3411	5.8346	20.8264	681.8913	4.3794
07:15:33	116.85	4.65	413.68	100.12	69.60	74.64	701.19	13.3820	14.2513	32.3411	5.8355	20.8323	683.1970	4.3884
07:15:34	116.85	4.65	413.68	100.12	69.60	74.64	697.12	13.3820	14.2513	8.2549	5.8364	20.8382	683.5303	4.3907
07:15:35	116.97	4.63	413.19	98.90	68.38	74.64	687.97	13.2227	14.0788	4.0709	5.8374	20.8441	683.6941	4.3918
07:15:36	118.85	4.53	413.68	101.34	67.16	74.40	680.85	13.0634	13.9041	4.0709	5.8382	20.8493	683.8569	4.3929
07:15:37	112.70	4.42	413.68	98.90	65.93	74.40	678.81	13.0634	13.9041	3.1663	5.8391	20.8544	683.9836	4.3938
07:15:38	112.70	4.36	413.68	98.90	68.38	74.40	676.27	12.9041	13.7310	2.4878	5.8400	20.8595	684.0827	4.3945
07:15:39	112.70	4.27	413.68	100.12	68.38	74.40	676.27	13.2227	14.0519	0.1131	5.8409	20.8648	684.0871	4.3945
07:15:40	112.70	4.11	413.68	102.56	68.38	74.40	679.32	12.9041	13.6933	0.1131	5.8418	20.8698	684.0914	4.3946
07:15:41	112.70	3.99	413.68	102.56	67.16	74.40	678.31	12.9041	13.6813	0.1131	5.8426	20.8749	684.0956	4.3946
07:15:42	112.70	3.99	413.68	102.56	67.16	74.40	678.31	13.0634	13.8337	0.1131	5.8435	20.8801	684.0998	4.3946
07:15:43	112.70	3.87	413.19	102.56	68.38	74.64	679.32	13.3820	14.1418	0.1131	5.8443	20.8853	684.1038	4.3947
07:15:44	112.70	3.72	365.32	101.34	69.60	74.40	678.31	13.3820	14.1184	0.1131	5.8452	20.8906	684.1077	4.3947
07:15:45	112.70	3.42	365.32	100.12	69.60	74.40	679.83	13.3820	14.1184	0.1131	5.8461	20.8959	684.1115	4.3947
07:15:46	112.70	3.31	365.32	101.34	72.04	74.40	679.83	13.3820	14.0972	0.1131	5.8469	20.9011	684.1153	4.3948
07:15:47	103.17	3.19	365.81	100.12	70.82	74.64	678.31	13.2227	13.9005	0.1131	5.8478	20.9057	684.1189	4.3948
07:15:48	103.17	2.99	365.32	100.12	65.93	74.40	679.83	13.0634	13.6796	0.1131	5.8486	20.9101	684.1222	4.3948
07:15:49	103.17	2.87	365.32	97.68	64.71	74.16	679.83	13.2227	13.8249	0.1131	5.8495	20.9147	684.1255	4.3949
07:15:50	103.17	2.87	365.32	97.68	64.71	74.16	679.83	13.0634	13.6361	0.1131	5.8503	20.9192	684.1286	4.3949
07:15:51	103.17	2.58	365.32	91.58	59.83	74.40	678.31	13.0634	13.6007	0.1131	5.8510	20.9236	684.1315	4.3949
07:15:52	103.17	2.58	365.32	91.58	59.83	74.40	678.31	12.7448	13.2476	0.1131	5.8518	20.9280	684.1343	4.3950
07:15:53	103.17	2.41	365.32	90.35	58.61	74.16	679.32	12.7448	13.2476	0.1131	5.8525	20.9324	684.1371	4.3950
07:15:54	103.17	2.30	261.29	92.80	58.61	74.16	679.32	11.9483	12.3712	0.0000	5.8532	20.9364	684.1371	4.3950
07:15:55	103.17	2.18	261.78	95.24	62.27	73.91	679.32	11.9483	12.3712	0.0000	5.8539	20.9405	684.1371	4.3950

12-MAY-93 07:36 LACMTA Emissions Testing Facility

Test : RTD MODIFIED COMMUTER PHASE OF ADB CYCLE
Test number : 1071
Test options: Dilute Modal Bag Diesel Auxiliary data Second by Second Data Particulate sampling Smoke meter

TEST TIME (s)	--DILUTE CONCENTRATIONS-- HC (PPM)	CO (PPM)	NOx (PPM)	CO2 (%)	--------MODAL GRAMS-------- HC	CO	NOx	CO2	EXH VOL (Cu.f)	DIL. RATIO	A/F RATIO	DRIV. VIOL. (s)	DIST-ANCE (Mi)	SPEED	FUEL Mpg-US Gal/Hr	SMOKE MTR (%)	----AUXILIARY SIGNALS---- OIL			
0 DL	6.3	8.3	16.8	0.14	0.005	0.013	0.04	3.60	48.37	70.80	23.24	0.0	0.000	0.0	1.29	3.10	195.1	0.0	0.0	0.0
1 DL	6.3	8.1	16.9	0.14	0.005	0.013	0.04	3.61	48.38	70.78	23.24	0.0	0.000	0.0	1.29	3.16	195.1	0.0	0.0	0.0
2 DL	6.2	8.1	16.7	0.14	0.005	0.013	0.04	3.60	48.37	70.78	23.24	0.0	0.000	0.0	1.29	3.11	195.1	0.0	0.0	0.0
3 DL	6.1	8.1	16.4	0.14	0.005	0.013	0.04	3.60	48.37	70.87	23.25	0.0	0.000	0.0	1.28	3.11	195.1	0.0	0.0	0.0
4 DL	6.1	8.0	16.5	0.14	0.005	0.013	0.04	3.59	48.37	70.94	23.26	0.0	0.000	0.0	1.28	3.10	195.0	0.0	0.0	0.0
5 DL	6.1	7.9	16.5	0.14	0.005	0.013	0.04	3.59	48.37	70.94	23.26	0.0	0.000	0.0	1.28	3.07	195.0	0.0	0.0	0.0
6 DL	6.0	7.8	16.3	0.14	0.005	0.012	0.04	3.59	48.37	71.04	23.27	0.0	0.000	0.0	1.28	2.98	195.0	0.0	0.0	0.0
7 DL	6.0	7.7	16.3	0.14	0.005	0.012	0.04	3.57	48.37	71.26	23.29	0.0	0.000	0.0	1.28	2.95	194.9	0.0	0.0	0.0
8 DL	5.9	7.7	16.4	0.14	0.005	0.012	0.04	3.56	48.37	71.41	23.31	0.0	0.000	0.0	1.27	2.83	194.7	0.0	0.0	0.0
9 DL	5.9	7.6	16.5	0.14	0.005	0.012	0.04	3.57	48.38	71.36	23.30	0.0	0.000	0.0	1.27	2.79	194.7	0.0	0.0	0.0
10 DL	5.8	7.5	16.4	0.14	0.005	0.012	0.04	3.58	48.38	71.27	23.29	0.0	0.000	0.0	1.28	2.96	194.7	0.0	0.0	0.0
11 DL	5.8	7.4	16.3	0.14	0.005	0.012	0.04	3.58	48.38	71.27	23.29	0.0	0.000	0.0	1.28	3.04	194.8	0.0	0.0	0.0
12 DL	5.8	7.4	15.9	0.14	0.005	0.012	0.04	3.57	48.37	71.37	23.30	0.0	0.000	0.0	1.27	2.88	194.8	0.0	0.0	0.0
13 DL	5.7	7.3	16.2	0.14	0.005	0.012	0.04	3.56	48.37	71.43	23.31	0.0	0.000	0.0	1.27	2.91	194.8	0.0	0.0	0.0
14 DL	5.7	7.2	16.0	0.14	0.005	0.012	0.04	3.57	48.38	71.44	23.31	0.0	0.000	0.0	1.27	2.91	194.9	0.0	0.0	0.0
15 DL	5.7	7.3	15.9	0.14	0.004	0.012	0.04	3.57	48.38	71.44	23.31	0.0	0.000	0.0	1.27	2.88	194.9	0.0	0.0	0.0
16 DL	5.7	7.2	16.1	0.14	0.004	0.011	0.04	3.57	48.38	71.41	23.31	0.0	0.000	0.0	1.27	2.91	194.8	0.0	0.0	0.0
17 DL	5.6	7.1	15.8	0.14	0.004	0.011	0.04	3.56	48.38	71.44	23.31	0.0	0.000	0.0	1.27	2.97	194.8	0.0	0.0	0.0
18 DL	5.6	7.0	15.8	0.14	0.004	0.011	0.04	3.56	48.37	71.45	23.31	0.0	0.000	0.0	1.27	2.92	194.7	0.0	0.0	0.0
19 DL	5.6	6.9	15.7	0.14	0.004	0.011	0.04	3.56	48.38	71.57	23.32	0.0	0.000	0.0	1.27	2.96	194.7	0.0	0.0	0.0
20 DL	5.6	6.9	15.9	0.14	0.004	0.011	0.04	3.55	48.38	71.64	23.33	0.0	0.000	0.0	1.27	3.03	194.8	0.0	0.0	0.0
21 DL	5.6	7.1	16.7	0.14	0.004	0.011	0.04	3.57	48.38	71.42	23.31	0.0	0.000	0.7	0.48	2.89	194.8	0.0	0.0	0.0
22 DL	5.6	7.2	18.0	0.14	0.004	0.011	0.05	3.63	48.38	70.48	23.21	0.0	0.001	2.7	2.11	3.05	194.9	0.0	0.0	0.0
23 DL	5.7	7.7	19.4	0.15	0.005	0.012	0.05	3.76	48.38	68.61	23.03	0.0	0.001	3.1	2.32	3.33	194.9	0.0	0.0	0.0
24 DL	5.9	11.4	23.6	0.16	0.005	0.018	0.06	3.97	48.38	65.63	22.73	0.0	0.001	3.9	2.68	3.18	194.9	0.0	0.0	0.0
25 DL	6.6	23.0	34.8	0.18	0.005	0.037	0.09	4.53	48.39	58.98	22.09	0.0	0.002	5.7	3.42	3.53	194.8	0.0	0.0	0.0
26 DL	7.8	42.8	49.1	0.23	0.006	0.068	0.13	5.86	48.37	47.67	21.09	0.0	0.002	7.5	3.49	10.47	194.8	0.0	0.0	0.0
27 DL	9.3	67.3	62.7	0.31	0.007	0.107	0.16	7.88	48.38	36.86	20.23	0.0	0.003	9.2	3.18	12.98	194.8	0.0	0.0	0.0
28 DL	11.0	86.7	79.1	0.42	0.009	0.138	0.21	10.51	48.37	28.53	19.62	0.0	0.003	11.1	2.88	12.48	194.9	0.0	0.0	0.0
29 DL	12.5	90.9	95.4	0.54	0.010	0.145	0.25	13.62	48.36	22.54	19.21	0.0	0.004	13.3	2.67	12.86	195.0	0.0	0.0	0.0
30 DL	13.5	82.8	102.5	0.65	0.011	0.132	0.27	16.24	48.34	19.16	18.99	0.0	0.004	15.8	2.69	10.67	195.1	0.0	0.0	0.0
31 DL	13.6	71.6	88.7	0.71	0.011	0.114	0.23	17.73	48.32	17.67	18.89	0.0	0.005	17.2	2.71	8.01	195.4	0.0	0.0	0.0
32 DL	13.8	68.7	78.8	0.72	0.011	0.109	0.21	17.92	48.31	17.49	18.88	0.0	0.005	17.9	2.79	4.72	195.6	0.0	0.0	0.0
33 DL	14.6	75.1	88.7	0.72	0.012	0.120	0.23	17.99	48.32	17.42	18.88	0.0	0.005	19.2	2.98	4.84	195.8	0.0	0.0	0.0
34 DL	15.3	81.2	101.9	0.76	0.012	0.129	0.27	18.96	48.32	16.58	18.82	0.0	0.006	20.7	3.04	7.01	195.8	0.0	0.0	0.0
35 DL	15.2	83.6	105.5	0.80	0.012	0.133	0.28	19.97	48.29	15.77	18.77	0.0	0.006	23.1	3.22	8.02	195.9	0.0	0.0	0.0
36 DL	14.5	79.8	96.0	0.80	0.011	0.127	0.25	19.90	48.29	15.83	18.77	0.0	0.007	23.8	3.34	7.45	196.1	0.0	0.0	0.0
37 DL	13.4	69.1	75.0	0.75	0.011	0.110	0.20	18.82	48.29	16.70	18.83	0.0	0.007	24.0	3.57	5.50	196.2	0.0	0.0	0.0
38 DL	12.6	58.8	59.9	0.68	0.010	0.094	0.16	17.12	48.28	18.27	18.93	0.0	0.007	24.4	3.99	3.67	196.3	0.0	0.0	0.0
39 DL	12.1	53.0	54.3	0.62	0.010	0.084	0.14	15.58	48.29	19.96	19.05	0.0	0.007	24.9	4.46	3.88	196.4	0.0	0.0	0.0
40 DL	12.0	52.8	54.9	0.58	0.009	0.084	0.14	14.57	48.29	21.23	19.13	0.0	0.007	25.4	4.87	5.33	196.5	0.0	0.0	0.0
41 DL	12.1	60.5	58.4	0.56	0.010	0.096	0.15	14.07	48.29	21.89	19.18	0.0	0.007	26.0	5.15	7.85	196.6	0.0	0.0	0.0
42 DL	12.3	81.8	66.2	0.56	0.010	0.130	0.17	14.08	48.30	21.80	19.17	0.0	0.007	26.7	5.27	11.19	196.7	0.0	0.0	0.0
43 DL	12.6	122.7	79.3	0.59	0.010	0.195	0.21	14.71	48.29	20.82	19.09	0.0	0.008	27.7	5.19	14.97	196.7	0.0	0.0	0.0
44 DL	12.8	176.5	104.8	0.65	0.010	0.281	0.27	16.26	48.29	18.87	18.95	0.0	0.008	29.0	4.89	17.73	196.8	0.0	0.0	0.0
45 DL	13.3	212.1	148.0	0.76	0.010	0.338	0.39	19.05	48.29	16.26	18.78	0.0	0.009	30.7	4.42	15.50	196.9	0.0	0.0	0.0

46	DL	13.8	214.7	177.2	0.89	0.011	0.342	0.46	22.38	48.29	14.00	18.63	0.0	0.009	32.6	4.00	15.14	196.9	0.0	0.0	0.0
47	DL	14.1	214.0	173.6	0.98	0.011	0.340	0.45	24.47	48.25	12.85	18.56	0.0	0.009	33.9	3.83	13.14	197.1	0.0	0.0	0.0
48	DL	13.9	215.5	162.4	1.01	0.011	0.343	0.42	25.20	48.24	12.50	18.54	0.0	0.010	35.0	3.84	9.57	197.1	0.0	0.0	0.0
49	DL	13.7	215.5	156.7	1.02	0.011	0.343	0.41	25.60	48.24	12.32	18.53	0.0	0.010	36.2	3.90	8.72	197.2	0.0	0.0	0.0
50	DL	13.4	215.5	158.0	1.04	0.011	0.343	0.41	26.10	48.24	12.10	18.52	0.0	0.010	37.3	3.95	9.52	197.3	0.0	0.0	0.0
51	DL	13.2	215.5	158.6	1.06	0.010	0.343	0.41	26.56	48.23	11.90	18.50	0.0	0.011	38.2	3.98	9.76	197.3	0.0	0.0	0.0
52	DL	13.3	215.5	155.6	1.07	0.010	0.343	0.41	26.83	48.23	11.78	18.50	0.0	0.011	39.2	4.04	9.39	197.4	0.0	0.0	0.0
53	DL	13.3	209.8	144.0	1.07	0.011	0.334	0.38	26.83	48.24	11.79	18.50	0.0	0.011	40.1	4.13	8.67	197.6	0.0	0.0	0.0
54	DL	13.4	182.9	120.4	1.04	0.011	0.291	0.31	26.10	48.22	12.13	18.52	0.0	0.011	40.3	4.29	6.66	197.7	0.0	0.0	0.0
55	DL	13.6	160.9	102.5	0.99	0.011	0.256	0.27	24.68	48.22	12.81	18.57	0.0	0.011	40.7	4.59	5.14	197.8	0.0	0.0	0.0
56	DL	13.8	146.3	94.8	0.93	0.011	0.232	0.25	23.28	48.22	13.55	18.62	0.0	0.011	41.1	4.90	5.57	197.8	0.0	0.0	0.0
57	DL	14.1	137.7	92.4	0.89	0.011	0.219	0.24	22.23	48.23	14.17	18.66	0.0	0.012	41.4	5.18	6.03	197.9	0.0	0.0	0.0
58	DL	14.3	135.0	94.4	0.86	0.011	0.215	0.25	21.50	48.23	14.62	18.68	0.0	0.012	41.8	5.41	6.25	198.0	0.0	0.0	0.0
59	DL	14.5	135.7	97.8	0.85	0.011	0.216	0.26	21.17	48.21	14.82	18.70	0.0	0.012	42.3	5.55	6.67	198.2	0.0	0.0	0.0
60	DL	14.7	137.5	104.6	0.85	0.012	0.218	0.27	21.18	48.21	14.81	18.70	0.0	0.012	42.8	5.61	6.85	198.3	0.0	0.0	0.0
61	DL	15.0	139.7	113.2	0.86	0.012	0.222	0.30	21.50	48.22	14.61	18.68	0.0	0.012	43.3	5.60	6.65	198.3	0.0	0.0	0.0
62	DL	15.3	140.7	121.8	0.88	0.012	0.224	0.32	22.03	48.21	14.27	18.66	0.0	0.012	43.9	5.54	6.42	198.4	0.0	0.0	0.0
63	DL	15.6	138.9	127.9	0.91	0.012	0.221	0.33	22.67	48.20	13.90	18.64	0.0	0.012	44.5	5.46	6.09	198.5	0.0	0.0	0.0
64	DL	16.0	135.1	133.6	0.93	0.013	0.215	0.35	23.33	48.20	13.53	18.62	0.0	0.013	45.1	5.38	5.44	198.6	0.0	0.0	0.0
65	DL	16.3	129.8	138.3	0.96	0.013	0.206	0.36	23.95	48.21	13.21	18.60	0.0	0.013	45.7	5.32	5.22	198.7	0.0	0.0	0.0
66	DL	16.7	122.6	139.6	0.98	0.013	0.195	0.36	24.46	48.19	12.95	18.58	0.0	0.013	46.3	5.28	5.08	198.8	0.0	0.0	0.0
67	DL	17.0	113.8	136.3	0.99	0.013	0.181	0.36	24.84	48.19	12.77	18.57	0.0	0.013	46.9	5.27	4.75	198.8	0.0	0.0	0.0
68	DL	17.3	103.8	129.1	1.00	0.014	0.165	0.34	25.00	48.18	12.70	18.57	0.0	0.013	47.3	5.29	4.56	198.9	0.0	0.0	0.0
69	DL	17.5	92.0	117.5	0.99	0.014	0.146	0.31	24.81	48.17	12.81	18.58	0.0	0.013	47.7	5.37	4.33	199.0	0.0	0.0	0.0
70	DL	17.6	80.6	104.8	0.97	0.014	0.128	0.27	24.19	48.17	13.13	18.60	0.0	0.013	47.9	5.54	4.08	199.0	0.0	0.0	0.0
71	DL	17.7	71.6	94.8	0.93	0.014	0.114	0.25	23.28	48.17	13.63	18.63	0.0	0.013	48.0	5.78	3.64	199.0	0.0	0.0	0.0
72	DL	17.9	65.3	91.3	0.90	0.014	0.104	0.24	22.38	48.17	14.16	18.67	0.0	0.013	48.2	6.04	3.16	199.1	0.0	0.0	0.0
73	DL	18.2	60.8	91.1	0.87	0.014	0.097	0.24	21.75	48.18	14.56	18.69	0.0	0.013	48.4	6.24	3.20	199.1	0.0	0.0	0.0
74	DL	18.5	57.5	90.3	0.86	0.015	0.091	0.24	21.35	48.17	14.81	18.71	0.0	0.014	48.6	6.39	3.62	199.1	0.0	0.0	0.0
75	DL	18.7	56.4	89.3	0.84	0.015	0.089	0.23	21.05	48.16	15.01	18.72	0.0	0.014	48.8	6.50	3.53	199.1	0.0	0.0	0.0
76	DL	19.0	58.8	94.2	0.84	0.015	0.093	0.25	20.91	48.16	15.10	18.73	0.0	0.014	49.0	6.57	3.46	199.1	0.0	0.0	0.0
77	DL	19.4	61.5	104.3	0.85	0.015	0.098	0.27	21.19	48.16	14.91	18.71	0.0	0.014	49.4	6.53	4.45	199.2	0.0	0.0	0.0
78	DL	19.6	59.3	106.7	0.87	0.015	0.094	0.28	21.76	48.16	14.54	18.69	0.0	0.014	49.8	6.41	4.77	199.3	0.0	0.0	0.0
79	DL	19.4	53.5	95.6	0.88	0.015	0.085	0.25	21.96	48.15	14.42	18.68	0.0	0.014	49.9	6.37	4.28	199.4	0.0	0.0	0.0
80	DL	19.5	50.6	90.1	0.86	0.015	0.080	0.24	21.54	48.15	14.69	18.70	0.0	0.014	49.9	6.50	3.02	199.4	0.0	0.0	0.0
81	DL	19.9	52.0	97.8	0.85	0.016	0.082	0.26	21.25	48.15	14.88	18.71	0.0	0.014	50.2	6.63	3.21	199.5	0.0	0.0	0.0
82	DL	20.2	52.1	106.4	0.87	0.016	0.083	0.28	21.60	48.16	14.65	18.70	0.0	0.014	50.6	6.57	4.11	199.6	0.0	0.0	0.0
83	DL	20.2	48.0	98.3	0.88	0.016	0.076	0.26	22.06	48.15	14.37	18.68	0.0	0.014	50.9	6.48	4.33	199.7	0.0	0.0	0.0
84	DL	20.0	42.6	80.6	0.87	0.016	0.068	0.21	21.76	48.14	14.56	18.69	0.0	0.014	50.7	6.55	3.36	199.9	0.0	0.0	0.0
85	DL	20.1	38.7	72.4	0.83	0.016	0.061	0.19	20.78	48.15	15.22	18.74	0.0	0.014	50.7	6.85	2.42	200.1	0.0	0.0	0.0
86	DL	20.5	39.1	76.8	0.80	0.016	0.060	0.20	19.91	48.16	15.85	18.78	0.0	0.014	50.8	7.16	2.46	200.3	0.0	0.0	0.0
87	DL	20.9	39.9	86.2	0.79	0.016	0.063	0.22	19.67	48.15	16.02	18.79	0.0	0.014	51.0	7.27	2.79	200.4	0.0	0.0	0.0
88	DL	21.3	41.0	93.0	0.80	0.017	0.065	0.24	20.01	48.16	15.77	18.77	0.0	0.014	51.2	7.18	3.55	200.5	0.0	0.0	0.0
89	DL	21.4	39.6	92.8	0.82	0.017	0.063	0.24	20.48	48.15	15.42	18.75	0.0	0.014	51.4	7.05	3.83	200.7	0.0	0.0	0.0
90	DL	21.3	36.7	86.2	0.83	0.017	0.058	0.22	20.64	48.15	15.32	18.74	0.0	0.014	51.5	7.00	3.28	200.8	0.0	0.0	0.0
91	DL	21.4	35.0	81.9	0.82	0.017	0.056	0.21	20.38	48.15	15.50	18.76	0.0	0.014	51.5	7.09	2.57	201.0	0.0	0.0	0.0
92	DL	21.6	35.2	84.9	0.81	0.017	0.056	0.22	20.11	48.14	15.70	18.77	0.0	0.014	51.6	7.21	2.52	201.1	0.0	0.0	0.0
93	DL	22.0	34.0	91.4	0.81	0.017	0.057	0.24	20.19	48.14	15.63	18.76	0.0	0.014	51.8	7.20	2.90	201.3	0.0	0.0	0.0
94	DL	22.2	34.9	93.4	0.82	0.017	0.055	0.24	20.55	48.15	15.38	18.75	0.0	0.014	52.0	7.11	3.35	201.5	0.0	0.0	0.0
95	DL	22.2	32.3	84.6	0.83	0.017	0.051	0.22	20.67	48.13	15.30	18.74	0.0	0.014	52.0	7.08	3.19	201.7	0.0	0.0	0.0
96	DL	22.2	30.1	77.0	0.81	0.017	0.048	0.20	20.22	48.14	15.63	18.77	0.0	0.014	51.9	7.22	2.51	201.9	0.0	0.0	0.0
97	DL	22.5	29.7	79.0	0.79	0.018	0.047	0.21	19.70	48.14	16.01	18.79	0.0	0.014	52.0	7.42	2.36	202.1	0.0	0.0	0.0
98	DL	22.8	30.1	84.8	0.79	0.018	0.048	0.22	19.60	48.13	16.09	18.80	0.0	0.014	52.1	7.47	2.54	202.2	0.0	0.0	0.0
99	DL	23.0	30.5	89.6	0.80	0.018	0.048	0.23	19.84	48.14	15.91	18.78	0.0	0.015	52.3	7.40	2.90	202.4	0.0	0.0	0.0
100	DL	23.1	30.1	90.0	0.81	0.018	0.048	0.23	20.18	48.14	15.65	18.77	0.0	0.015	52.5	7.30	3.11	202.6	0.0	0.0	0.0
101	DL	23.1	29.2	87.6	0.82	0.018	0.046	0.23	20.33	48.13	15.54	18.76	0.0	0.015	52.5	7.25	2.86	202.7	0.0	0.0	0.0
102	DL	23.1	28.7	88.1	0.81	0.018	0.046	0.23	20.32	48.13	15.55	18.76	0.0	0.015	52.6	7.27	2.62	202.9	0.0	0.0	0.0
103	DL	23.1	28.0	87.4	0.82	0.018	0.044	0.23	20.34	48.13	15.53	18.76	0.0	0.015	52.7	7.28	2.75	203.0	0.0	0.0	0.0
104	DL	23.1	27.5	84.9	0.81	0.018	0.044	0.22	20.27	48.12	15.59	18.76	0.0	0.015	52.7	7.31	2.60	203.3	0.0	0.0	0.0

105	DL	23.2	28.3	85.8	0.81	0.018	0.045	0.22	20.13	48.13	15.68	18.77	0.0	0.015	52.7	7.36	2.49	203.3	0.0	0.0	0.0
106	DL	23.4	30.1	91.9	0.81	0.018	0.048	0.24	20.20	48.13	15.64	18.77	0.0	0.015	52.9	7.36	2.72	203.5	0.0	0.0	0.0
107	DL	23.6	31.8	98.8	0.83	0.019	0.050	0.26	20.58	48.12	15.35	18.75	0.0	0.015	53.1	7.25	3.20	203.6	0.0	0.0	0.0
108	DL	23.6	31.8	100.2	0.85	0.019	0.050	0.26	21.18	48.12	14.95	18.72	0.0	0.015	53.3	7.08	3.56	203.8	0.0	0.0	0.0
109	DL	23.4	29.8	88.4	0.86	0.018	0.047	0.23	21.47	48.11	14.75	18.71	0.0	0.015	53.4	7.00	3.51	203.9	0.0	0.0	0.0
110	DL	23.3	27.8	73.9	0.84	0.018	0.044	0.19	20.94	48.11	15.11	18.73	0.0	0.015	53.1	7.14	2.75	204.1	0.0	0.0	0.0
111	DL	23.6	27.7	75.5	0.80	0.019	0.044	0.20	20.05	48.13	15.75	18.77	0.0	0.015	53.2	7.45	2.43	204.2	0.0	0.0	0.0
112	DL	23.9	29.6	86.3	0.79	0.019	0.047	0.23	19.71	48.12	16.00	18.79	0.0	0.015	53.3	7.60	2.66	204.4	0.0	0.0	0.0
113	DL	24.3	32.2	97.9	0.81	0.019	0.051	0.26	20.09	48.13	15.71	18.77	0.0	0.015	53.5	7.48	3.21	204.6	0.0	0.0	0.0
114	DL	24.5	33.5	105.8	0.84	0.019	0.053	0.28	20.90	48.12	15.13	18.73	0.0	0.015	53.8	7.23	3.77	204.7	0.0	0.0	0.0
115	DL	24.5	32.7	104.9	0.87	0.019	0.052	0.27	21.72	48.11	14.59	18.70	0.0	0.015	54.0	6.98	3.83	204.8	0.0	0.0	0.0
116	DL	24.3	30.4	96.5	0.89	0.019	0.048	0.25	22.09	48.09	14.36	18.68	0.0	0.015	54.1	6.88	3.49	204.9	0.0	0.0	0.0
117	DL	24.2	28.1	84.9	0.88	0.019	0.044	0.22	21.81	48.10	14.54	18.69	0.0	0.015	54.0	6.97	2.95	205.0	0.0	0.0	0.0
118	DL	24.2	27.1	81.1	0.85	0.019	0.043	0.21	21.14	48.10	14.97	18.72	0.0	0.015	54.0	7.18	2.49	205.1	0.0	0.0	0.0
119	DL	24.6	28.0	86.9	0.83	0.019	0.044	0.23	20.71	48.11	15.26	18.74	0.0	0.015	54.1	7.34	2.51	205.2	0.0	0.0	0.0
120	DL	24.9	29.1	94.6	0.84	0.020	0.046	0.25	20.86	48.10	15.16	18.74	0.0	0.015	54.3	7.31	3.08	205.2	0.0	0.0	0.0
121	DL	25.0	29.2	96.6	0.86	0.020	0.046	0.25	21.32	48.11	14.85	18.72	0.0	0.015	54.4	7.18	3.40	205.3	0.0	0.0	0.0
122	DL	25.0	28.5	94.9	0.87	0.020	0.045	0.25	21.63	48.11	14.65	18.70	0.0	0.015	54.5	7.08	3.28	205.3	0.0	0.0	0.0
123	DL	24.9	27.5	92.2	0.87	0.020	0.044	0.24	21.70	48.10	14.60	18.70	0.0	0.015	54.6	7.07	3.05	205.2	0.0	0.0	0.0
124	DL	24.8	26.1	88.0	0.87	0.019	0.041	0.23	21.61	48.10	14.67	18.70	0.0	0.015	54.7	7.12	3.14	205.3	0.0	0.0	0.0
125	DL	24.8	24.8	81.2	0.85	0.019	0.039	0.21	21.30	48.10	14.87	18.72	0.0	0.015	54.6	7.21	3.25	205.3	0.0	0.0	0.0
126	DL	24.8	23.8	77.2	0.84	0.019	0.038	0.20	20.82	48.10	15.19	18.74	0.0	0.015	54.6	7.37	2.75	205.3	0.0	0.0	0.0
127	DL	25.0	23.6	78.8	0.82	0.020	0.037	0.21	20.38	48.10	15.51	18.76	0.0	0.015	54.6	7.53	2.68	205.4	0.0	0.0	0.0
128	DL	25.2	24.6	85.0	0.81	0.020	0.039	0.22	20.24	48.09	15.60	18.76	0.0	0.015	54.6	7.59	2.77	205.5	0.0	0.0	0.0
129	DL	25.5	26.5	92.3	0.82	0.020	0.042	0.24	20.49	48.10	15.42	18.75	0.0	0.015	54.8	7.51	3.04	205.6	0.0	0.0	0.0
130	DL	25.8	27.6	98.3	0.85	0.020	0.044	0.26	21.09	48.10	15.00	18.73	0.0	0.015	55.0	7.32	3.50	205.7	0.0	0.0	0.0
131	DL	25.8	26.8	93.9	0.87	0.020	0.042	0.24	21.71	48.09	14.60	18.70	0.0	0.015	55.2	7.14	3.78	205.8	0.0	0.0	0.0
132	DL	25.6	24.7	73.6	0.87	0.020	0.039	0.19	21.59	48.09	14.67	18.70	0.0	0.015	55.0	7.16	3.54	205.9	0.0	0.0	0.0
133	DL	25.7	22.8	61.3	0.82	0.020	0.036	0.16	20.41	48.08	15.48	18.76	0.0	0.015	54.7	7.53	2.77	206.0	0.0	0.0	0.0
134	DL	26.1	21.8	60.6	0.77	0.020	0.035	0.16	19.16	48.09	16.43	18.82	0.0	0.015	54.6	8.00	2.56	206.1	0.0	0.0	0.0
135	DL	26.3	21.5	63.7	0.74	0.021	0.034	0.17	18.45	48.09	17.03	18.86	0.0	0.015	54.4	8.29	2.61	206.2	0.0	0.0	0.0
136	DL	26.6	22.1	70.4	0.73	0.021	0.035	0.18	18.17	48.10	17.27	18.87	0.0	0.015	54.4	8.41	2.62	206.4	0.0	0.0	0.0
137	DL	26.8	23.8	81.2	0.74	0.021	0.038	0.21	18.36	48.09	17.10	18.86	0.0	0.015	54.4	8.33	2.80	206.6	0.0	0.0	0.0
138	DL	26.9	25.6	92.1	0.76	0.021	0.041	0.24	19.05	48.10	16.52	18.82	0.0	0.015	54.6	8.05	3.17	206.7	0.0	0.0	0.0
139	DL	26.9	26.4	97.2	0.80	0.021	0.042	0.25	19.99	48.10	15.78	18.78	0.0	0.015	54.8	7.70	3.62	206.8	0.0	0.0	0.0
140	DL	26.7	26.3	96.1	0.83	0.021	0.042	0.25	20.80	48.08	15.19	18.74	0.0	0.015	54.9	7.42	3.59	206.9	0.0	0.0	0.0
141	DL	26.5	25.5	92.9	0.85	0.021	0.040	0.24	21.27	48.09	14.88	18.72	0.0	0.015	55.0	7.27	3.32	207.1	0.0	0.0	0.0
142	DL	26.3	24.3	86.5	0.86	0.021	0.038	0.23	21.37	48.09	14.82	18.71	0.0	0.015	55.1	7.25	3.22	207.3	0.0	0.0	0.0
143	DL	26.2	23.4	80.8	0.85	0.021	0.037	0.21	21.07	48.09	15.02	18.73	0.0	0.015	55.0	7.34	2.83	207.4	0.0	0.0	0.0
144	DL	26.2	23.1	81.6	0.83	0.021	0.037	0.21	20.71	48.08	15.26	18.74	0.0	0.015	55.0	7.47	2.82	207.6	0.0	0.0	0.0
145	DL	26.3	22.7	82.0	0.82	0.021	0.036	0.21	20.55	48.08	15.37	18.75	0.0	0.015	55.1	7.53	2.92	207.8	0.0	0.0	0.0
146	DL	26.4	22.5	80.8	0.82	0.021	0.036	0.21	20.42	48.08	15.47	18.76	0.0	0.015	55.0	7.58	2.82	207.9	0.0	0.0	0.0
147	DL	26.4	22.5	80.5	0.81	0.021	0.036	0.21	20.28	48.08	15.57	18.76	0.0	0.015	55.0	7.63	2.80	208.0	0.0	0.0	0.0
148	DL	26.5	22.6	82.5	0.81	0.021	0.036	0.21	20.21	48.09	15.62	18.77	0.0	0.015	55.1	7.66	2.83	208.2	0.0	0.0	0.0
149	DL	26.6	22.5	84.5	0.81	0.021	0.036	0.22	20.26	48.08	15.58	18.76	0.0	0.015	55.1	7.65	2.87	208.4	0.0	0.0	0.0
150	DL	26.5	22.2	83.4	0.82	0.021	0.035	0.22	20.34	48.08	15.53	18.76	0.0	0.015	55.1	7.62	2.87	208.5	0.0	0.0	0.0
151	DL	26.5	21.9	79.8	0.81	0.021	0.035	0.21	20.27	48.08	15.58	18.76	0.0	0.015	55.1	7.64	2.82	208.6	0.0	0.0	0.0
152	DL	26.5	21.8	77.9	0.80	0.021	0.035	0.20	20.06	48.08	15.74	18.77	0.0	0.015	55.0	7.71	2.74	208.8	0.0	0.0	0.0
153	DL	26.6	21.9	79.7	0.80	0.021	0.035	0.21	19.86	48.08	15.88	18.78	0.0	0.015	55.0	7.79	2.76	208.9	0.0	0.0	0.0
154	DL	26.8	22.2	83.6	0.80	0.021	0.035	0.22	19.83	48.08	15.90	18.78	0.0	0.015	55.1	7.80	2.80	209.1	0.0	0.0	0.0
155	DL	26.8	22.2	84.4	0.80	0.021	0.035	0.22	19.98	48.08	15.79	18.78	0.0	0.015	55.1	7.76	2.92	209.2	0.0	0.0	0.0
156	DL	26.8	22.0	83.8	0.81	0.021	0.035	0.22	20.07	48.08	15.72	18.77	0.0	0.015	55.1	7.72	2.92	209.4	0.0	0.0	0.0
157	DL	26.7	21.9	83.0	0.81	0.021	0.035	0.22	20.08	48.08	15.71	18.77	0.0	0.015	55.1	7.71	2.82	209.5	0.0	0.0	0.0
158	DL	26.8	21.7	80.9	0.80	0.021	0.034	0.21	20.04	48.08	15.75	18.77	0.0	0.015	55.1	7.73	2.80	209.6	0.0	0.0	0.0
159	DL	26.8	21.7	80.4	0.80	0.021	0.034	0.21	19.92	48.07	15.83	18.78	0.0	0.015	55.0	7.77	2.79	209.8	0.0	0.0	0.0
160	DL	26.9	22.1	82.7	0.80	0.021	0.035	0.22	19.85	48.08	15.89	18.78	0.0	0.015	55.1	7.80	2.72	209.8	0.0	0.0	0.0
161	DL	27.0	22.4	84.8	0.80	0.021	0.036	0.22	19.91	48.07	15.84	18.78	0.0	0.015	55.1	7.78	2.90	210.0	0.0	0.0	0.0
162	DL	27.1	22.4	86.1	0.81	0.021	0.036	0.22	20.06	48.08	15.73	18.77	0.0	0.015	55.2	7.73	2.90	210.0	0.0	0.0	0.0
163	DL	27.0	22.3	84.2	0.81	0.021	0.035	0.22	20.18	48.07	15.64	18.77	0.0	0.015	55.2	7.69	2.91	210.1	0.0	0.0	0.0

164	DL	27.0	22.0	81.1	0.81	0.021	0.035	0.21	20.16	48.08	15.66	18.77	0.0	0.015	55.1	7.69	2.80	210.1	0.0	0.0	0.0
165	DL	27.0	21.7	79.0	0.80	0.021	0.034	0.21	19.98	48.08	15.79	18.78	0.0	0.015	55.1	7.75	2.72	210.1	0.0	0.0	0.0
166	DL	27.0	21.7	79.0	0.79	0.021	0.034	0.21	19.79	48.07	15.93	18.79	0.0	0.015	55.1	7.82	2.73	210.1	0.0	0.0	0.0
167	DL	27.1	22.0	81.1	0.79	0.021	0.035	0.21	19.72	48.07	15.98	18.79	0.0	0.015	55.0	7.85	2.71	210.1	0.0	0.0	0.0
168	DL	27.2	22.5	84.0	0.80	0.021	0.036	0.22	19.81	48.07	15.91	18.79	0.0	0.015	55.1	7.82	2.81	210.1	0.0	0.0	0.0
169	DL	27.2	22.8	86.9	0.81	0.021	0.036	0.23	20.06	48.07	15.72	18.77	0.0	0.015	55.2	7.73	2.91	210.1	0.0	0.0	0.0
170	DL	27.1	22.5	85.7	0.82	0.021	0.036	0.22	20.34	48.07	15.52	18.76	0.0	0.015	55.2	7.64	3.05	210.1	0.0	0.0	0.0
171	DL	27.0	21.8	80.3	0.82	0.021	0.035	0.21	20.39	48.07	15.48	18.76	0.0	0.015	55.2	7.61	2.91	210.1	0.0	0.0	0.0
172	DL	26.9	21.1	75.1	0.81	0.021	0.033	0.20	20.16	48.06	15.65	18.77	0.0	0.015	55.1	7.69	2.71	210.1	0.0	0.0	0.0
173	DL	26.9	20.7	73.8	0.79	0.021	0.033	0.19	19.80	48.06	15.92	18.79	0.0	0.015	55.1	7.82	2.62	210.1	0.0	0.0	0.0
174	DL	27.0	20.7	74.3	0.78	0.021	0.033	0.19	19.51	48.07	16.15	18.80	0.0	0.015	55.0	7.93	2.73	210.1	0.0	0.0	0.0
175	DL	27.0	21.1	77.4	0.78	0.021	0.033	0.20	19.42	48.07	16.21	18.81	0.0	0.015	55.0	7.97	2.79	210.2	0.0	0.0	0.0
176	DL	27.1	21.4	81.0	0.78	0.021	0.034	0.21	19.55	48.06	16.11	18.80	0.0	0.015	55.1	7.92	2.84	210.2	0.0	0.0	0.0
177	DL	27.1	21.3	81.9	0.80	0.021	0.034	0.21	19.81	48.07	15.91	18.79	0.0	0.015	55.1	7.82	2.86	210.3	0.0	0.0	0.0
178	DL	27.0	20.9	78.7	0.80	0.021	0.033	0.20	19.95	48.06	15.80	18.78	0.0	0.015	55.1	7.77	2.81	210.4	0.0	0.0	0.0
179	DL	26.9	20.5	73.4	0.80	0.021	0.032	0.19	19.81	48.07	15.92	18.79	0.0	0.015	55.0	7.81	2.69	210.5	0.0	0.0	0.0
180	DL	26.9	20.5	72.6	0.78	0.021	0.033	0.19	19.47	48.07	16.18	18.80	0.0	0.015	54.9	7.94	2.66	210.6	0.0	0.0	0.0
181	DL	26.9	21.0	77.6	0.78	0.021	0.033	0.20	19.31	48.06	16.30	18.81	0.0	0.015	55.0	8.01	2.80	210.7	0.0	0.0	0.0
182	DL	26.9	21.3	81.9	0.78	0.021	0.034	0.21	19.47	48.06	16.17	18.80	0.0	0.015	55.1	7.95	2.94	210.9	0.0	0.0	0.0
183	DL	26.8	21.3	82.3	0.79	0.021	0.034	0.21	19.74	48.07	15.97	18.79	0.0	0.015	55.1	7.84	2.91	211.1	0.0	0.0	0.0
184	DL	26.8	21.3	82.1	0.80	0.021	0.034	0.21	19.89	48.05	15.85	18.78	0.0	0.015	55.1	7.79	2.83	211.2	0.0	0.0	0.0
185	DL	26.8	21.3	82.8	0.80	0.021	0.034	0.22	20.00	48.06	15.77	18.78	0.0	0.015	55.1	7.75	2.88	211.3	0.0	0.0	0.0
186	DL	26.7	21.0	81.8	0.81	0.021	0.033	0.21	20.10	48.05	15.70	18.77	0.0	0.015	55.2	7.72	2.83	211.4	0.0	0.0	0.0
187	DL	26.6	20.5	77.9	0.81	0.021	0.032	0.20	20.06	48.05	15.73	18.77	0.0	0.015	55.1	7.73	2.78	211.5	0.0	0.0	0.0
188	DL	26.6	20.1	72.6	0.79	0.021	0.032	0.19	19.79	48.05	15.93	18.79	0.0	0.015	55.0	7.82	2.66	211.7	0.0	0.0	0.0
189	DL	26.7	20.2	71.1	0.78	0.021	0.032	0.18	19.39	48.06	16.24	18.81	0.0	0.015	54.9	7.96	2.63	211.8	0.0	0.0	0.0
190	DL	27.0	20.6	76.3	0.77	0.021	0.033	0.20	19.16	48.05	16.42	18.82	0.0	0.015	55.0	8.06	2.74	212.0	0.0	0.0	0.0
191	DL	27.1	20.9	80.6	0.77	0.021	0.033	0.21	19.29	48.06	16.32	18.81	0.0	0.015	55.0	8.02	2.92	212.1	0.0	0.0	0.0
192	DL	27.0	20.8	80.8	0.78	0.021	0.033	0.21	19.51	48.06	16.14	18.80	0.0	0.015	55.0	7.93	2.87	212.2	0.0	0.0	0.0
193	DL	27.0	20.8	79.2	0.79	0.021	0.033	0.21	19.59	48.05	16.08	18.80	0.0	0.015	55.0	7.89	2.73	212.4	0.0	0.0	0.0
194	DL	27.0	21.1	80.6	0.79	0.021	0.033	0.21	19.60	48.05	16.07	18.80	0.0	0.015	55.0	7.89	2.79	212.5	0.0	0.0	0.0
195	DL	27.0	21.6	84.1	0.79	0.021	0.034	0.22	19.70	48.06	15.99	18.79	0.0	0.015	55.1	7.86	2.87	212.7	0.0	0.0	0.0
196	DL	26.9	21.9	87.4	0.80	0.021	0.035	0.23	19.94	48.05	15.81	18.78	0.0	0.015	55.1	7.78	2.94	212.8	0.0	0.0	0.0
197	DL	26.9	21.6	86.2	0.81	0.021	0.034	0.22	20.23	48.06	15.60	18.76	0.0	0.015	55.2	7.67	3.01	212.9	0.0	0.0	0.0
198	DL	26.8	20.9	79.4	0.81	0.021	0.033	0.21	20.27	48.05	15.57	18.76	0.0	0.015	55.2	7.65	2.97	213.0	0.0	0.0	0.0
199	DL	26.7	20.1	72.6	0.80	0.021	0.032	0.19	19.95	48.05	15.81	18.78	0.0	0.015	55.1	7.76	2.77	213.0	0.0	0.0	0.0
200	DL	26.8	19.8	70.1	0.78	0.021	0.031	0.18	19.42	48.05	16.22	18.81	0.0	0.015	54.9	7.95	2.75	213.2	0.0	0.0	0.0
201	DL	27.0	20.0	74.0	0.76	0.021	0.032	0.19	19.03	48.06	16.53	18.83	0.0	0.015	54.9	8.11	2.76	213.3	0.0	0.0	0.0
202	DL	27.1	20.4	78.7	0.76	0.021	0.032	0.20	19.02	48.06	16.53	18.83	0.0	0.015	55.0	8.12	2.85	213.5	0.0	0.0	0.0
203	DL	27.0	20.5	80.6	0.77	0.021	0.032	0.21	19.21	48.06	16.38	18.82	0.0	0.015	54.9	8.04	2.89	213.7	0.0	0.0	0.0
204	DL	26.9	20.7	82.2	0.78	0.021	0.033	0.21	19.37	48.05	16.25	18.81	0.0	0.015	54.9	7.98	2.80	213.7	0.0	0.0	0.0
205	DL	26.8	21.0	85.0	0.78	0.021	0.033	0.22	19.53	48.05	16.12	18.80	0.0	0.015	55.0	7.91	2.75	213.8	0.0	0.0	0.0
206	DL	26.8	21.1	87.1	0.79	0.021	0.033	0.23	19.76	48.06	15.95	18.79	0.0	0.015	55.0	7.83	2.86	213.9	0.0	0.0	0.0
207	DL	26.7	20.8	83.5	0.80	0.021	0.033	0.22	19.95	48.06	15.81	18.78	0.0	0.015	55.0	7.76	2.92	214.0	0.0	0.0	0.0
208	DL	26.6	20.4	77.2	0.80	0.021	0.032	0.20	19.85	48.05	15.88	18.78	0.0	0.015	54.9	7.79	2.85	214.2	0.0	0.0	0.0
209	DL	26.7	20.3	76.6	0.79	0.021	0.032	0.20	19.55	48.04	16.11	18.80	0.0	0.015	54.9	7.90	2.81	214.3	0.0	0.0	0.0
210	DL	26.7	20.4	79.4	0.78	0.021	0.032	0.21	19.40	48.04	16.23	18.81	0.0	0.015	54.9	7.96	2.82	214.3	0.0	0.0	0.0
211	DL	26.7	20.4	82.2	0.78	0.021	0.032	0.21	19.42	48.05	16.21	18.81	0.0	0.015	54.9	7.95	2.79	214.2	0.0	0.0	0.0
212	DL	26.7	20.3	83.7	0.78	0.021	0.032	0.22	19.54	48.05	16.12	18.80	0.0	0.015	55.0	7.92	2.73	214.1	0.0	0.0	0.0
213	DL	26.6	20.3	83.8	0.79	0.021	0.032	0.22	19.66	48.05	16.02	18.79	0.0	0.015	55.0	7.87	2.81	214.0	0.0	0.0	0.0
214	DL	26.5	20.3	82.2	0.79	0.021	0.032	0.21	19.77	48.05	15.94	18.79	0.0	0.015	55.0	7.83	2.88	214.0	0.0	0.0	0.0
215	DL	26.4	20.3	81.8	0.80	0.021	0.032	0.21	19.81	48.05	15.91	18.79	0.0	0.015	55.1	7.82	2.87	214.0	0.0	0.0	0.0
216	DL	26.4	20.1	81.8	0.80	0.021	0.032	0.21	19.85	48.05	15.88	18.78	0.0	0.015	55.1	7.80	2.94	213.9	0.0	0.0	0.0
217	DL	26.4	19.7	79.1	0.80	0.021	0.031	0.21	19.84	48.05	15.89	18.78	0.0	0.015	55.1	7.81	2.93	213.9	0.0	0.0	0.0
218	DL	26.4	19.5	76.5	0.79	0.021	0.031	0.20	19.69	48.05	16.00	18.79	0.0	0.015	55.0	7.86	2.93	214.0	0.0	0.0	0.0
219	DL	26.5	19.5	75.7	0.78	0.021	0.031	0.20	19.49	48.04	16.15	18.80	0.0	0.015	55.0	7.94	2.87	214.0	0.0	0.0	0.0
220	DL	26.6	19.8	77.6	0.78	0.021	0.031	0.20	19.38	48.04	16.24	18.81	0.0	0.015	55.0	7.98	2.93	214.0	0.0	0.0	0.0
221	DL	26.7	20.1	80.0	0.78	0.021	0.032	0.21	19.43	48.05	16.20	18.80	0.0	0.015	55.0	7.96	3.00	214.0	0.0	0.0	0.0
222	DL	26.8	20.3	82.5	0.79	0.021	0.032	0.21	19.60	48.05	16.07	18.80	0.0	0.015	55.1	7.90	2.97	214.0	0.0	0.0	0.0

223	DL	26.8	20.4	83.6	0.80	0.021	0.032	0.22	19.80	48.04	15.92	18.79	0.0	0.015	55.1	7.83	2.97	214.1	0.0	0.0	0.0
224	DL	26.8	20.3	82.4	0.80	0.021	0.032	0.21	19.98	48.04	15.78	18.78	0.0	0.015	55.2	7.77	3.05	214.1	0.0	0.0	0.0
225	DL	26.8	20.2	80.0	0.81	0.021	0.032	0.21	20.05	48.04	15.73	18.77	0.0	0.015	55.2	7.74	3.02	214.2	0.0	0.0	0.0
226	DL	26.8	19.9	78.6	0.80	0.021	0.032	0.20	20.01	48.05	15.76	18.78	0.0	0.015	55.2	7.76	2.95	214.3	0.0	0.0	0.0
227	DL	26.9	19.7	76.9	0.80	0.021	0.031	0.20	19.89	48.04	15.85	18.78	0.0	0.015	55.1	7.80	2.98	214.4	0.0	0.0	0.0
228	DL	26.9	19.5	74.5	0.79	0.021	0.031	0.19	19.69	48.04	16.00	18.79	0.0	0.015	55.1	7.87	2.93	214.6	0.0	0.0	0.0
229	DL	27.0	19.5	74.8	0.78	0.021	0.031	0.19	19.50	48.03	16.14	18.80	0.0	0.015	55.1	7.95	2.93	214.7	0.0	0.0	0.0
230	DL	27.1	19.6	76.7	0.78	0.021	0.031	0.20	19.42	48.04	16.20	18.80	0.0	0.015	55.1	7.98	2.98	214.8	0.0	0.0	0.0
231	DL	27.2	19.8	78.2	0.78	0.021	0.031	0.20	19.44	48.03	16.19	18.80	0.0	0.015	55.1	7.97	3.03	214.8	0.0	0.0	0.0
232	DL	27.2	19.9	78.5	0.78	0.021	0.032	0.20	19.50	48.05	16.14	18.80	0.0	0.015	55.1	7.95	3.05	215.0	0.0	0.0	0.0
233	DL	27.2	19.9	78.8	0.78	0.021	0.031	0.21	19.53	48.03	16.12	18.80	0.0	0.015	55.1	7.94	2.99	215.2	0.0	0.0	0.0
234	DL	27.2	19.8	79.2	0.79	0.021	0.031	0.21	19.57	48.03	16.09	18.80	0.0	0.015	55.1	7.93	2.94	215.3	0.0	0.0	0.0
235	DL	27.2	19.9	79.5	0.79	0.021	0.032	0.21	19.60	48.04	16.07	18.80	0.0	0.015	55.2	7.92	3.05	215.4	0.0	0.0	0.0
236	DL	27.3	20.0	79.2	0.79	0.021	0.032	0.21	19.61	48.04	16.06	18.80	0.0	0.015	55.2	7.91	3.07	215.5	0.0	0.0	0.0
237	DL	27.3	20.1	79.6	0.79	0.021	0.032	0.21	19.64	48.04	16.04	18.79	0.0	0.015	55.2	7.90	3.07	215.6	0.0	0.0	0.0
238	DL	27.4	20.2	80.1	0.79	0.022	0.032	0.21	19.66	48.04	16.02	18.79	0.0	0.015	55.2	7.89	2.99	215.8	0.0	0.0	0.0
239	DL	27.5	20.2	81.2	0.79	0.022	0.032	0.21	19.71	48.04	15.99	18.79	0.0	0.015	55.3	7.88	3.02	215.9	0.0	0.0	0.0
240	DL	27.6	20.2	81.4	0.79	0.022	0.032	0.21	19.77	48.03	15.93	18.79	0.0	0.015	55.3	7.86	3.01	216.1	0.0	0.0	0.0
241	DL	27.6	20.0	79.8	0.80	0.022	0.032	0.21	19.80	48.04	15.91	18.79	0.0	0.015	55.3	7.85	2.98	216.1	0.0	0.0	0.0
242	DL	27.6	19.7	74.1	0.79	0.022	0.031	0.19	19.67	48.04	16.01	18.79	0.0	0.015	55.2	7.89	2.96	216.3	0.0	0.0	0.0
243	DL	27.7	19.6	69.1	0.78	0.022	0.031	0.18	19.31	48.04	16.29	18.81	0.0	0.015	55.0	8.01	2.91	216.4	0.0	0.0	0.0
244	DL	28.0	19.7	70.6	0.76	0.022	0.031	0.18	18.92	48.04	16.61	18.83	0.0	0.015	55.0	8.17	2.91	216.5	0.0	0.0	0.0
245	DL	28.2	20.1	76.0	0.76	0.022	0.032	0.20	18.80	48.04	16.71	18.84	0.0	0.015	55.0	8.22	3.01	216.6	0.0	0.0	0.0
246	DL	28.3	20.3	79.4	0.76	0.022	0.032	0.21	18.94	48.04	16.59	18.83	0.0	0.015	55.0	8.17	3.07	216.8	0.0	0.0	0.0
247	DL	28.2	20.1	79.2	0.77	0.022	0.032	0.21	19.15	48.04	16.42	18.82	0.0	0.015	55.1	8.08	3.04	216.9	0.0	0.0	0.0
248	DL	28.1	19.9	77.8	0.77	0.022	0.032	0.20	19.23	48.04	16.36	18.81	0.0	0.015	55.0	8.05	2.94	217.0	0.0	0.0	0.0
249	DL	28.0	19.9	77.5	0.77	0.022	0.032	0.20	19.21	48.04	16.37	18.82	0.0	0.015	55.0	8.05	2.87	217.0	0.0	0.0	0.0
250	DL	28.0	20.1	78.4	0.77	0.022	0.032	0.20	19.20	48.02	16.37	18.82	0.0	0.015	55.0	8.05	2.88	217.2	0.0	0.0	0.0
251	DL	28.0	20.5	81.7	0.77	0.022	0.032	0.21	19.29	48.04	16.31	18.81	0.0	0.015	55.0	8.02	2.87	217.3	0.0	0.0	0.0
252	DL	28.0	20.7	83.9	0.78	0.022	0.033	0.22	19.51	48.05	16.13	18.80	0.0	0.015	55.1	7.93	2.96	217.4	0.0	0.0	0.0
253	DL	27.9	20.6	82.3	0.79	0.022	0.033	0.21	19.69	48.03	15.99	18.79	0.0	0.015	55.1	7.87	3.01	217.5	0.0	0.0	0.0
254	DL	27.9	20.6	81.1	0.79	0.022	0.033	0.21	19.66	48.03	16.01	18.79	0.0	0.015	55.0	7.87	2.93	217.5	0.0	0.0	0.0
255	DL	28.0	20.8	83.0	0.79	0.022	0.033	0.22	19.62	48.04	16.04	18.79	0.0	0.015	55.1	7.89	2.96	217.6	0.0	0.0	0.0
256	DL	28.0	20.8	84.1	0.79	0.022	0.033	0.22	19.70	48.04	15.98	18.79	0.0	0.015	55.1	7.86	3.06	217.6	0.0	0.0	0.0
257	DL	28.0	20.6	82.2	0.80	0.022	0.033	0.21	19.79	48.03	15.92	18.79	0.0	0.015	55.1	7.83	3.18	217.6	0.0	0.0	0.0
258	DL	27.9	20.3	78.4	0.79	0.022	0.032	0.20	19.71	48.03	15.98	18.79	0.0	0.015	55.1	7.86	3.12	217.6	0.0	0.0	0.0
259	DL	27.9	20.0	74.9	0.78	0.022	0.032	0.19	19.46	48.03	16.17	18.80	0.0	0.015	55.0	7.95	3.01	217.6	0.0	0.0	0.0
260	DL	27.9	19.9	74.9	0.77	0.022	0.032	0.19	19.18	48.03	16.40	18.82	0.0	0.015	55.0	8.06	3.02	217.5	0.0	0.0	0.0
261	DL	27.9	20.1	77.1	0.77	0.022	0.032	0.20	19.04	48.03	16.50	18.82	0.0	0.015	55.0	8.11	3.12	217.5	0.0	0.0	0.0
262	DL	28.0	20.5	79.6	0.77	0.022	0.032	0.21	19.12	48.03	16.44	18.82	0.0	0.015	55.0	8.09	3.13	217.4	0.0	0.0	0.0
263	DL	28.0	20.7	81.6	0.78	0.022	0.033	0.21	19.31	48.03	16.29	18.81	0.0	0.015	55.0	8.01	3.15	217.3	0.0	0.0	0.0
264	DL	27.9	20.8	82.0	0.79	0.022	0.033	0.21	19.55	48.03	16.10	18.80	0.0	0.015	55.1	7.92	3.29	217.3	0.0	0.0	0.0
265	DL	27.8	20.7	80.9	0.79	0.022	0.033	0.21	19.73	48.02	15.96	18.79	0.0	0.015	55.1	7.86	3.32	217.2	0.0	0.0	0.0
266	DL	27.7	20.4	80.0	0.80	0.022	0.032	0.21	19.80	48.03	15.91	18.79	0.0	0.015	55.1	7.83	3.19	217.2	0.0	0.0	0.0
267	DL	27.6	20.1	79.1	0.80	0.022	0.032	0.21	19.79	48.02	15.91	18.79	0.0	0.015	55.1	7.83	3.17	217.2	0.0	0.0	0.0
268	DL	27.6	19.9	77.8	0.79	0.022	0.031	0.20	19.75	48.03	15.95	18.79	0.0	0.015	55.1	7.85	3.17	217.3	0.0	0.0	0.0
269	DL	27.5	19.8	77.3	0.79	0.022	0.031	0.20	19.67	48.03	16.01	18.79	0.0	0.015	55.1	7.88	3.15	217.3	0.0	0.0	0.0
270	DL	27.5	19.6	77.7	0.79	0.022	0.031	0.20	19.61	48.03	16.06	18.80	0.0	0.015	55.1	7.91	3.08	217.4	0.0	0.0	0.0
271	DL	27.4	19.4	77.5	0.79	0.022	0.031	0.20	19.57	48.03	16.09	18.80	0.0	0.015	55.1	7.92	3.08	217.4	0.0	0.0	0.0
272	DL	27.4	19.3	77.1	0.79	0.022	0.031	0.20	19.54	48.03	16.11	18.80	0.0	0.015	55.1	7.93	3.16	217.4	0.0	0.0	0.0
273	DL	27.4	19.4	76.7	0.78	0.021	0.031	0.20	19.52	48.03	16.13	18.80	0.0	0.015	55.1	7.94	3.15	217.5	0.0	0.0	0.0
274	DL	27.3	19.4	76.2	0.78	0.021	0.031	0.20	19.47	48.02	16.16	18.80	0.0	0.015	55.1	7.96	3.11	217.7	0.0	0.0	0.0
275	DL	27.4	19.5	75.5	0.78	0.021	0.031	0.20	19.42	48.03	16.20	18.80	0.0	0.015	55.1	7.98	3.15	217.8	0.0	0.0	0.0
276	DL	27.4	19.5	74.9	0.78	0.022	0.031	0.19	19.36	48.03	16.25	18.81	0.0	0.015	55.1	8.00	3.14	217.9	0.0	0.0	0.0
277	DL	27.5	19.5	75.4	0.78	0.022	0.031	0.20	19.31	48.02	16.29	18.81	0.0	0.015	55.1	8.02	3.09	218.1	0.0	0.0	0.0
278	DL	27.5	19.5	76.4	0.78	0.022	0.031	0.20	19.30	48.03	16.30	18.81	0.0	0.015	55.1	8.02	3.06	218.2	0.0	0.0	0.0
279	DL	27.5	19.5	77.3	0.78	0.022	0.031	0.20	19.32	48.03	16.28	18.81	0.0	0.015	55.1	8.01	3.12	218.3	0.0	0.0	0.0
280	DL	27.5	19.6	79.2	0.78	0.022	0.031	0.21	19.39	48.04	16.23	18.81	0.0	0.015	55.1	7.99	3.10	218.4	0.0	0.0	0.0
281	DL	27.4	19.8	80.3	0.78	0.022	0.031	0.21	19.49	48.02	16.14	18.80	0.0	0.015	55.1	7.95	3.02	218.5	0.0	0.0	0.0

282	DL	27.4	19.9	81.2	0.79	0.021	0.031	0.21	19.60	48.03	16.06	18.80	0.0	0.015	55.1	7.90	3.07	218.6	0.0	0.0	0.0
283	DL	27.4	20.1	81.7	0.79	0.021	0.032	0.21	19.69	48.03	15.99	18.79	0.0	0.015	55.1	7.87	3.09	218.8	0.0	0.0	0.0
284	DL	27.4	20.5	82.5	0.79	0.022	0.032	0.21	19.76	48.03	15.94	18.79	0.0	0.015	55.1	7.85	3.12	218.9	0.0	0.0	0.0
285	DL	27.5	20.8	83.6	0.80	0.022	0.033	0.22	19.85	48.03	15.87	18.78	0.0	0.015	55.2	7.82	3.05	218.9	0.0	0.0	0.0
286	DL	27.6	21.1	84.8	0.80	0.022	0.033	0.22	19.98	48.02	15.78	18.78	0.0	0.015	55.2	7.77	3.13	219.1	0.0	0.0	0.0
287	DL	27.6	21.2	86.3	0.81	0.022	0.034	0.22	20.10	48.02	15.68	18.77	0.0	0.015	55.3	7.73	3.16	219.3	0.0	0.0	0.0
288	DL	27.6	21.2	86.6	0.81	0.022	0.034	0.23	20.23	48.02	15.59	18.76	0.0	0.015	55.3	7.69	3.18	219.5	0.0	0.0	0.0
289	DL	27.6	20.9	85.0	0.82	0.022	0.033	0.22	20.32	48.02	15.52	18.76	0.0	0.015	55.3	7.66	3.15	219.6	0.0	0.0	0.0
290	DL	27.6	20.6	80.2	0.81	0.022	0.033	0.21	20.24	48.02	15.58	18.76	0.0	0.015	55.3	7.68	3.10	219.7	0.0	0.0	0.0
291	DL	27.6	20.3	76.1	0.80	0.022	0.032	0.20	19.96	48.03	15.79	18.78	0.0	0.015	55.2	7.78	3.01	219.7	0.0	0.0	0.0
292	DL	27.7	19.9	73.3	0.79	0.022	0.032	0.19	19.59	48.02	16.07	18.80	0.0	0.015	55.2	7.91	3.01	219.8	0.0	0.0	0.0
293	DL	27.9	19.8	72.7	0.77	0.022	0.031	0.19	19.24	48.02	16.35	18.81	0.0	0.015	55.1	8.05	2.99	219.9	0.0	0.0	0.0
294	DL	28.1	19.9	73.2	0.76	0.022	0.031	0.19	18.97	48.02	16.56	18.83	0.0	0.015	55.0	8.16	2.96	219.9	0.0	0.0	0.0
295	DL	28.2	20.1	74.7	0.76	0.022	0.032	0.19	18.84	48.03	16.67	18.84	0.0	0.015	55.0	8.20	2.91	220.1	0.0	0.0	0.0
296	DL	28.4	20.3	76.6	0.76	0.022	0.032	0.20	18.84	48.02	16.67	18.84	0.0	0.015	55.0	8.21	3.00	220.2	0.0	0.0	0.0
297	DL	28.4	20.4	78.0	0.76	0.022	0.032	0.20	18.93	48.02	16.59	18.83	0.0	0.015	55.0	8.17	3.04	220.3	0.0	0.0	0.0
298	DL	28.4	20.2	76.6	0.76	0.022	0.032	0.20	19.00	48.02	16.54	18.83	0.0	0.015	55.0	8.14	3.01	220.3	0.0	0.0	0.0
299	DL	28.5	20.2	75.6	0.76	0.022	0.032	0.20	18.98	48.03	16.55	18.83	0.0	0.015	55.0	8.14	2.95	220.4	0.0	0.0	0.0
300	DL	28.6	20.6	78.7	0.76	0.022	0.033	0.20	18.96	48.02	16.57	18.83	0.0	0.015	54.9	8.14	2.97	220.5	0.0	0.0	0.0
301	DL	28.8	21.5	83.5	0.77	0.023	0.034	0.22	19.12	48.02	16.43	18.82	0.0	0.015	55.0	8.08	3.00	220.5	0.0	0.0	0.0
302	DL	28.8	22.1	87.3	0.78	0.023	0.035	0.23	19.49	48.03	16.14	18.80	0.0	0.015	55.1	7.94	3.08	220.6	0.0	0.0	0.0
303	DL	28.8	21.9	85.4	0.80	0.023	0.035	0.22	19.90	48.01	15.83	18.78	0.0	0.015	55.1	7.79	3.24	220.5	0.0	0.0	0.0
304	DL	28.6	21.3	80.1	0.80	0.022	0.034	0.21	20.00	48.02	15.75	18.77	0.0	0.015	55.1	7.75	3.10	220.4	0.0	0.0	0.0
305	DL	28.5	20.8	76.3	0.80	0.022	0.033	0.20	19.79	48.02	15.91	18.79	0.0	0.015	55.1	7.82	2.91	220.3	0.0	0.0	0.0
306	DL	28.5	20.7	75.7	0.78	0.022	0.033	0.20	19.50	48.02	16.14	18.80	0.0	0.015	55.0	7.93	2.88	220.3	0.0	0.0	0.0
307	DL	28.5	21.1	80.2	0.78	0.022	0.033	0.21	19.35	48.02	16.25	18.81	0.0	0.015	55.1	8.00	2.97	220.2	0.0	0.0	0.0
308	DL	28.6	21.2	85.2	0.78	0.022	0.034	0.22	19.50	48.02	16.13	18.80	0.0	0.015	55.2	7.95	3.10	220.2	0.0	0.0	0.0
309	DL	28.6	20.8	81.8	0.79	0.022	0.033	0.21	19.73	48.01	15.96	18.79	0.0	0.015	55.2	7.86	3.10	220.2	0.0	0.0	0.0
310	DL	28.5	20.1	74.2	0.79	0.022	0.032	0.19	19.61	48.01	16.04	18.79	0.0	0.015	55.0	7.89	2.96	220.1	0.0	0.0	0.0
311	DL	28.5	19.3	68.0	0.77	0.022	0.031	0.18	19.19	48.03	16.38	18.82	0.0	0.015	54.9	8.05	2.85	220.1	0.0	0.0	0.0
312	DL	28.3	17.6	48.5	0.74	0.022	0.028	0.13	18.42	48.01	17.04	18.86	0.0	0.015	54.6	8.35	2.81	220.1	0.0	0.0	0.0
313	DL	27.3	14.8	23.3	0.65	0.021	0.023	0.06	16.26	48.02	19.19	19.00	0.0	0.014	51.6	8.94	2.46	220.0	0.0	0.0	0.0
314	DL	25.2	12.1	11.7	0.52	0.020	0.019	0.03	12.96	48.03	23.73	19.31	0.0	0.014	48.6	10.57	1.98	220.0	0.0	0.0	0.0
315	DL	22.8	9.9	7.8	0.40	0.018	0.016	0.02	10.08	48.04	29.81	19.74	0.0	0.013	46.2	12.90	1.74	220.1	0.0	0.0	0.0
316	DL	20.7	8.1	6.3	0.32	0.016	0.013	0.02	7.99	48.05	36.62	20.24	0.0	0.012	44.1	15.52	1.64	220.2	0.0	0.0	0.0
317	DL	18.9	6.8	5.7	0.25	0.015	0.011	0.01	6.29	48.05	44.98	20.90	0.0	0.012	42.0	18.75	1.54	220.2	0.0	0.0	0.0
318	DL	17.4	5.9	5.3	0.20	0.014	0.009	0.01	4.98	48.07	54.55	21.71	0.0	0.011	40.0	22.48	1.51	220.2	0.0	0.0	0.0
319	DL	16.1	5.0	4.8	0.17	0.013	0.008	0.01	4.13	48.08	63.38	22.52	0.0	0.011	38.0	25.77	1.45	220.3	0.0	0.0	0.0
320	DL	15.1	4.3	4.5	0.14	0.012	0.007	0.01	3.44	48.09	72.86	23.44	0.0	0.010	36.0	29.27	1.42	220.3	0.0	0.0	0.0
321	DL	14.2	3.9	4.3	0.11	0.011	0.006	0.01	2.82	48.08	84.40	24.69	0.0	0.009	33.6	33.40	1.42	220.3	0.0	0.0	0.0
322	DL	13.4	3.5	4.1	0.10	0.011	0.006	0.01	2.38	48.10	94.83	25.94	0.0	0.009	31.1	36.49	1.43	220.3	0.0	0.0	0.0
323	DL	12.7	3.1	3.8	0.08	0.010	0.005	0.01	2.07	48.10	104.05	27.15	0.0	0.008	28.8	38.78	1.42	220.3	0.0	0.0	0.0
324	DL	12.1	2.7	3.6	0.07	0.009	0.004	0.01	1.75	48.12	115.55	28.82	0.0	0.007	26.5	42.04	1.40	220.3	0.0	0.0	0.0
325	DL	11.5	2.5	3.4	0.06	0.009	0.004	0.01	1.48	48.13	127.68	30.84	0.0	0.007	23.9	44.94	1.39	220.3	0.0	0.0	0.0
326	DL	10.9	2.4	3.3	0.05	0.009	0.004	0.01	1.31	48.13	136.63	32.53	0.0	0.006	21.7	45.93	1.36	220.3	0.0	0.0	0.0
327	DL	10.5	2.4	4.0	0.05	0.008	0.004	0.01	1.16	48.15	145.19	34.31	0.0	0.006	20.2	47.91	1.34	220.3	0.0	0.0	0.0
328	DL	10.3	2.8	6.7	0.04	0.008	0.004	0.02	1.10	48.15	149.14	35.21	0.0	0.005	17.7	44.61	1.52	220.3	0.0	0.0	0.0
329	DL	10.3	3.5	7.3	0.05	0.008	0.006	0.02	1.23	48.16	141.04	33.42	0.0	0.004	15.4	34.70	2.04	220.3	0.0	0.0	0.0
330	DL	10.7	4.2	6.6	0.05	0.008	0.007	0.02	1.34	48.17	134.77	32.17	0.0	0.004	13.8	28.73	1.88	220.3	0.0	0.0	0.0
331	DL	11.0	4.5	9.0	0.06	0.009	0.007	0.02	1.41	48.17	131.13	31.47	0.0	0.003	11.3	22.40	1.82	220.2	0.0	0.0	0.0
332	DL	11.1	4.6	9.3	0.06	0.009	0.007	0.02	1.57	48.19	123.15	30.06	0.0	0.003	9.6	17.11	2.52	220.1	0.0	0.0	0.0
333	DL	11.2	4.5	8.4	0.07	0.009	0.007	0.02	1.70	48.19	117.55	29.15	0.0	0.002	8.0	13.11	2.21	220.1	0.0	0.0	0.0
334	DL	11.2	4.4	9.6	0.07	0.009	0.007	0.03	1.78	48.19	114.43	28.67	0.0	0.002	6.4	10.06	2.17	220.1	0.0	0.0	0.0
335	DL	11.0	4.3	11.6	0.08	0.009	0.007	0.03	1.92	48.20	109.36	27.91	0.0	0.001	4.4	6.62	2.42	220.0	0.0	0.0	0.0
336	DL	10.8	4.3	13.2	0.08	0.009	0.007	0.03	2.11	48.20	102.81	26.99	0.0	0.001	2.8	3.76	2.70	220.0	0.0	0.0	0.0
337	DL	10.6	4.1	13.8	0.09	0.008	0.007	0.04	2.32	48.21	96.76	26.19	0.0	0.001	1.9	2.42	2.87	219.9	0.0	0.0	0.0
338	DL	10.3	4.1	14.6	0.10	0.008	0.006	0.04	2.50	48.22	91.96	25.59	0.0	0.000	0.7	0.78	3.01	219.8	0.0	0.0	0.0
339	DL	10.0	4.1	15.5	0.11	0.008	0.006	0.04	2.66	48.22	88.06	25.12	0.0	0.000	0.0	0.02	3.07	219.7	0.0	0.0	0.0
340	DL	9.8	4.1	16.3	0.11	0.008	0.006	0.04	2.81	48.23	84.72	24.74	0.0	0.000	0.0	1.01	3.26	219.7	0.0	0.0	0.0

341	DL	9.6	4.1	16.3	0.12	0.008	0.007	0.04	2.95	48.23	81.97	24.43	0.0	0.000	0.0	1.05	3.43	219.5	0.0	0.0	0.0
342	DL	9.4	4.3	16.4	0.12	0.007	0.007	0.04	3.06	48.23	79.72	24.18	0.0	0.000	0.0	1.10	3.38	219.4	0.0	0.0	0.0
343	DL	9.3	4.4	16.5	0.13	0.007	0.007	0.04	3.16	48.24	78.02	24.00	0.0	0.000	0.0	1.13	3.38	219.3	0.0	0.0	0.0
344	DL	9.1	4.4	16.4	0.13	0.007	0.007	0.04	3.22	48.25	76.85	23.87	0.0	0.000	0.0	1.15	3.30	219.3	0.0	0.0	0.0
345	DL	8.9	4.3	16.6	0.13	0.007	0.007	0.04	3.27	48.24	75.95	23.78	0.0	0.000	0.0	1.17	3.29	219.2	0.0	0.0	0.0
346	DL	8.8	4.3	16.7	0.13	0.007	0.007	0.04	3.32	48.26	75.25	23.70	0.0	0.000	0.0	1.18	3.25	219.3	0.0	0.0	0.0
347	DL	8.7	4.2	16.7	0.13	0.007	0.007	0.04	3.35	48.25	74.75	23.65	0.0	0.000	0.0	1.19	3.22	219.3	0.0	0.0	0.0
348	DL	8.6	4.2	16.5	0.13	0.007	0.007	0.04	3.37	48.26	74.33	23.61	0.0	0.000	0.0	1.20	3.28	219.2	0.0	0.0	0.0
349	DL	8.5	4.2	16.6	0.14	0.007	0.007	0.04	3.40	48.26	73.97	23.57	0.0	0.000	0.0	1.21	3.33	219.2	0.0	0.0	0.0
350	DL	8.4	4.3	16.8	0.14	0.007	0.007	0.04	3.42	48.26	73.52	23.52	0.0	0.000	0.0	1.22	3.39	219.2	0.0	0.0	0.0
351	DL	8.3	4.4	17.1	0.14	0.007	0.007	0.04	3.45	48.27	73.13	23.49	0.0	0.000	0.0	1.23	3.32	219.2	0.0	0.0	0.0
352	DL	8.2	4.4	17.1	0.14	0.006	0.007	0.04	3.47	48.26	72.72	23.44	0.0	0.000	0.0	1.24	3.43	219.2	0.0	0.0	0.0
353	DL	8.1	4.4	17.0	0.14	0.006	0.007	0.04	3.50	48.27	72.32	23.40	0.0	0.000	0.0	1.25	3.45	219.1	0.0	0.0	0.0
354	DL	8.0	4.4	16.9	0.14	0.006	0.007	0.04	3.52	48.27	72.04	23.37	0.0	0.000	0.0	1.26	3.49	218.9	0.0	0.0	0.0
355	DL	7.9	4.3	17.1	0.14	0.006	0.007	0.04	3.53	48.28	71.83	23.35	0.0	0.000	0.0	1.26	3.48	218.9	0.0	0.0	0.0
356	DL	7.8	4.3	17.2	0.14	0.006	0.007	0.04	3.55	48.28	71.56	23.32	0.0	0.000	0.0	1.27	3.29	218.8	0.0	0.0	0.0
357	DL	7.8	4.3	17.1	0.14	0.006	0.007	0.04	3.56	48.28	71.47	23.32	0.0	0.000	0.0	1.27	3.37	218.7	0.0	0.0	0.0

Test #: 1071 Commuter

Date: 5/12/94

Test cycle results

CO (g/mi) =	1.35
CO2 (g/mi) =	158.92
NOx (g/mi) =	4.89

Time	CO (ppm)	CO2 (%)	NOx (ppm)	FT INL1	FT INL2	Temp (F)	Eng. RPM	Inlet mass flow (scfm)	Exhaust mass flow (scfm)	Speed (mph)	CO cum (g)	NOx cum (g)	CO2 cum (g)	miles
07:47:55	499.39	3.69	434.19	96.46	62.27	71.73	679.83							
07:47:56	499.39	3.53	433.70	95.24	61.05	71.73	681.36							
07:47:57	499.39	3.53	433.70	95.24	61.05	71.73	681.36							
07:47:58	499.51	3.13	433.70	95.24	62.27	71.73	680.34	12.5855	13.2345	0.1131	0.0036	0.0052	0.0036	0.0000
07:47:59	499.51	3.13	433.70	95.24	62.27	71.73	680.34	12.4262	13.0392	0.1131	0.0072	0.0103	0.0070	0.0001
07:48:00	499.51	3.02	434.19	95.24	59.83	71.73	678.31	12.4262	13.0392	0.1131	0.0107	0.0153	0.0104	0.0001
07:48:01	499.51	2.92	433.70	94.02	56.17	71.73	678.31	12.4262	12.9709	0.4523	0.0143	0.0204	0.0226	0.0002
07:48:02	499.51	2.79	181.20	92.80	54.95	71.73	678.31	12.4262	12.9709	0.4523	0.0178	0.0255	0.0348	0.0003
07:48:03	499.51	2.72	181.68	91.58	53.72	71.73	678.31	12.4262	12.9521	0.1131	0.0214	0.0305	0.0378	0.0004
07:48:04	437.24	2.62	181.20	91.58	53.72	71.49	680.85	12.2669	12.7687	0.1131	0.0249	0.0355	0.0406	0.0004
07:48:05	437.24	2.54	180.71	90.35	53.72	71.49	677.80	12.1076	12.5813	0.1131	0.0283	0.0375	0.0433	0.0004
07:48:06	437.12	2.52	180.71	91.58	53.72	71.49	677.80	11.9483	12.4041	0.2262	0.0317	0.0396	0.0486	0.0005
07:48:07	437.12	2.52	180.71	91.58	53.72	71.49	677.80	11.9483	12.3865	0.2262	0.0347	0.0416	0.0537	0.0006
07:48:08	437.12	2.49	181.20	91.58	53.72	71.49	677.80	11.7889	12.2074	0.3392	0.0376	0.0436	0.0611	0.0007
07:48:09	437.12	2.49	181.20	91.58	53.72	71.73	676.78	11.9483	12.3698	0.4523	0.0406	0.0456	0.0709	0.0008
07:48:10	437.24	2.50	180.71	91.58	52.50	71.49	678.81	11.9483	12.3698	0.4523	0.0435	0.0476	0.0807	0.0009
07:48:11	437.12	2.53	180.71	91.58	52.50	71.49	679.83	11.9483	12.3646	0.4523	0.0465	0.0496	0.0904	0.0010
07:48:12	437.24	2.54	257.39	91.58	53.72	71.49	681.36	11.9483	12.3646	0.2262	0.0494	0.0516	0.0953	0.0011
07:48:13	437.12	2.61	257.88	91.58	53.72	71.49	680.85	11.9483	12.3665	0.1131	0.0524	0.0536	0.0977	0.0011
07:48:14	330.28	2.67	257.88	91.58	53.72	71.49	678.81	11.9483	12.3704	0.7916	0.0554	0.0556	0.1149	0.0014
07:48:15	330.28	2.67	257.88	91.58	53.72	71.49	678.81	11.9483	12.3730	0.1131	0.0583	0.0585	0.1174	0.0014
07:48:16	330.28	2.71	257.88	92.80	53.72	71.49	681.86	11.9483	12.3846	0.4523	0.0613	0.0614	0.1276	0.0015
07:48:17	330.28	2.76	257.39	92.80	53.72	71.49	732.20	11.9483	12.3912	0.3392	0.0635	0.0643	0.1353	0.0016
07:48:18	330.28	2.80	257.88	95.24	56.17	71.49	750.00	11.9483	12.3912	0.3392	0.0658	0.0671	0.1431	0.0017
07:48:19	330.28	2.80	257.88	95.24	56.17	71.49	750.00	12.1076	12.5636	0.4523	0.0680	0.0700	0.1537	0.0018
07:48:20	330.28	2.91	257.39	100.12	62.27	71.49	1036.78	12.1076	12.5715	0.4523	0.0703	0.0730	0.1644	0.0019
07:48:21	330.28	2.95	332.11	105.01	67.16	71.49	1211.70	12.4262	12.9097	2.7139	0.0726	0.0759	0.2297	0.0027
07:48:22	330.28	2.95	332.11	105.01	67.16	71.49	1211.70	12.4262	12.9097	2.7139	0.0750	0.0789	0.2951	0.0035
07:48:23	330.28	3.01	332.11	126.98	75.70	71.49	1343.39	13.0634	13.5922	5.2017	0.0774	0.0821	0.4254	0.0049
07:48:24	330.28	3.04	331.62	186.81	94.02	71.49	1551.36	13.7007	14.2619	6.8979	0.0800	0.0863	0.6004	0.0068
07:48:25	239.19	3.10	332.11	264.96	122.10	71.49	1801.53	13.7007	14.2619	6.8979	0.0826	0.0906	0.7753	0.0087
07:48:26	239.19	3.12	332.11	542.12	194.14	71.49	1652.54	16.5683	17.2623	8.3680	0.0857	0.0958	0.9923	0.0111
07:48:27	239.19	3.15	332.11	691.09	246.64	71.49	1658.14	24.3744	25.4047	10.7427	0.0903	0.1033	1.2733	0.0140
07:48:28	239.19	3.22	332.11	719.17	295.48	71.49	1585.93	34.5703	36.0517	12.3258	0.0950	0.1141	1.6016	0.0175
07:48:29	239.19	3.24	332.11	719.17	307.69	71.73	1692.71	70.7337	73.7916	15.9444	0.1047	0.1361	2.0301	0.0219
07:48:30	239.19	3.24	332.11	719.17	307.69	71.73	1692.71	90.1695	94.0970	17.4144	0.1170	0.1643	2.5015	0.0267
07:48:31	239.19	3.27	331.62	855.92	365.08	71.49	1295.09	93.8337	98.0125	19.3368	0.1299	0.1935	3.0367	0.0321
07:48:32	239.19	3.30	351.16	799.76	362.64	71.73	1118.14	93.8337	98.0481	20.8069	0.1427	0.2228	3.6174	0.0379
07:48:33	239.19	3.32	351.16	588.52	304.03	71.73	1130.34	93.8337	98.0481	20.8069	0.1555	0.2521	4.1982	0.0437
07:48:34	178.88	3.35	351.16	385.84	238.10	71.73	1161.87	111.6764	116.7347	23.4077	0.1708	0.2869	4.8570	0.0502
07:48:35	178.75	3.37	351.16	324.79	208.79	71.73	1181.19	104.3481	109.1142	24.3124	0.1851	0.3214	5.5470	0.0569
07:48:36	178.75	3.37	351.16	324.79	208.79	71.73	1181.19	76.7875	80.3198	24.6516	0.1956	0.3467	6.2516	0.0638
07:48:37	178.75	3.40	351.65	269.84	186.81	71.98	1241.70	50.3420	52.6711	25.3301	0.2008	0.3634	6.9816	0.0708
07:48:38	178.75	3.42	351.16	282.05	196.58	71.98	1292.03	42.3765	44.3486	25.8955	0.2051	0.3774	7.7322	0.0780
07:48:39	178.75	3.42	351.16	311.36	205.13	71.98	1340.34	42.3765	44.3486	25.8955	0.2095	0.3914	8.4828	0.0852
07:48:40	178.75	3.43	351.16	361.42	214.90	72.22	1402.88	35.2075	36.8594	27.1394	0.2131	0.4030	9.2758	0.0927
07:48:41	178.75	3.45	371.67	450.55	236.87	72.22	1517.29	36.8006	38.5372	28.2702	0.2168	0.4152	10.1067	0.1006
07:48:42	178.75	3.45	372.16	765.57	332.11	72.22	1519.83	40.6241	42.5411	29.5141	0.2210	0.4286	10.9741	0.1088
07:48:43	178.75	3.46	371.67	842.49	377.29	72.22	1178.14	47.1558	49.3887	30.7580	0.2258	0.4442	11.8811	0.1173
07:48:44	178.75	3.46	371.67	842.49	377.29	72.22	1178.14	58.7854	61.5883	33.1327	0.2319	0.4648	12.8649	0.1265
07:48:45	162.88	3.54	371.67	686.20	354.09	72.22	1221.87	99.8874	104.6500	34.6027	0.2421	0.4999	13.8923	0.1361
07:48:46	162.88	3.59	371.67	579.98	302.81	72.46	1298.14	109.9240	115.1830	35.3943	0.2534	0.5384	14.9467	0.1460
07:48:47	162.88	3.62	371.67	566.54	288.16	72.22	1325.09	109.9240	115.1830	35.3943	0.2647	0.5769	16.0012	0.1558
07:48:48	162.88	3.67	371.67	558.00	275.95	72.46	1351.02	89.5323	93.9104	36.9774	0.2730	0.6082	17.1277	0.1661
07:48:49	162.88	3.75	371.67	562.88	268.62	72.46	1374.41	75.6723	79.4222	39.2391	0.2801	0.6348	18.3389	0.1770
07:48:50	162.88	3.81	371.67	549.45	262.52	72.22	1381.02	73.9199	77.6191	40.0306	0.2870	0.6607	19.5866	0.1881
07:48:51	162.88	3.89	371.67	529.91	257.63	72.22	1393.22	72.8047	76.4918	40.8222	0.2939	0.6863	20.8741	0.1994
07:48:52	162.88	3.89	371.67	529.91	257.63	72.22	1393.22	73.4420	77.2454	41.6138	0.3007	0.7121	22.2159	0.2110
07:48:53	162.88	4.10	478.14	487.18	240.54	72.22	1425.76	71.6896	75.4649	41.8399	0.3075	0.7374	23.5874	0.2226

1 K1	1	unitless	for flow calc	
2 K2	1	unitless	for NOx calc (expl deriv.)	K2=1/(1-0.0047*(H-75))
3 CO density	32.85	gm/ft^3	T=70 F, P=760 mmHG	H=grains of water/lbm dry air
4 NOx density	53.96	gm/ft^3	T=70 F, P=760 mmHG	
5 R/hc	1.8	unitless	Diesel #2	
6 Ywi	0.03	unitless	for humidity comp. (from chart)	
7 gear ratio	3.58	unitless		
8 axle rev	16	pulses		
9 tire	114	inches		
10 interval	1	seconds		
11 CO2 density	51.61	gm/ft^3	T=70 F, P=760 mmHG	
12 FF1	0.5			
13 FF2	0			

07:48:54	214.77	4.21	477.66	484.74	239.32	72.22	1438.48	69.1406	72.8609	42.0661	0.3140	0.7617	24.9961	0.2343
07:48:55	214.77	4.32	478.14	490.84	240.54	72.22	1452.71	69.1406	72.8609	42.0661	0.3205	0.7861	26.4047	0.2460
07:48:56	214.77	4.39	478.14	499.39	242.98	72.22	1466.95	63.5647	67.1727	43.0838	0.3265	0.8149	27.9256	0.2580
07:48:57	214.77	4.54	478.14	533.58	262.52	72.46	1491.87	63.2461	66.9394	43.4230	0.3343	0.8437	29.4993	0.2700
07:48:58	214.77	4.62	478.14	584.86	293.04	72.46	1508.65	64.0427	67.8772	43.8754	0.3423	0.8729	31.1292	0.2822
07:48:59	214.77	4.76	478.63	660.56	332.11	72.46	1534.58	65.1578	69.1271	44.3277	0.3504	0.9026	32.8041	0.2945
07:49:00	214.77	4.85	478.63	715.51	358.97	72.46	1551.87	69.6185	74.0010	45.1193	0.3591	0.9344	34.5651	0.3070
07:49:01	214.77	4.85	478.63	715.51	358.97	72.46	1551.87	76.3095	81.2013	45.6847	0.3687	0.9694	36.3803	0.3197
07:49:02	214.77	4.93	478.63	781.44	390.72	72.70	1569.66	86.1868	91.8777	46.2501	0.3795	1.0089	38.2724	0.3326
07:49:03	214.77	5.16	586.57	938.95	438.34	72.94	1607.80	93.3557	99.6486	47.0416	0.3912	1.0518	40.2363	0.3457
07:49:04	368.74	5.29	586.57	991.45	446.89	72.94	1624.07	93.3557	99.6486	47.0416	0.4029	1.0947	42.2003	0.3587
07:49:05	368.74	5.38	586.57	967.03	443.22	72.94	1632.20	101.9585	108.9380	47.4940	0.4157	1.1416	44.2134	0.3719
07:49:06	368.74	5.53	586.57	952.38	429.79	72.70	1637.80	122.5095	131.2949	48.6248	0.4312	1.2108	46.3709	0.3854
07:49:07	368.74	5.62	586.08	903.54	393.16	72.70	1640.85	129.3598	138.9261	49.1902	0.4592	1.2841	48.6112	0.3991
07:49:08	368.74	5.72	586.08	862.03	378.51	72.94	1646.95	126.1736	135.6580	49.1902	0.4866	1.3557	50.8879	0.4127
07:49:09	368.74	5.86	586.57	842.49	377.29	72.94	1657.12	124.2619	133.8712	49.4163	0.5136	1.4263	53.2398	0.4265
07:49:10	368.74	5.86	586.57	842.49	377.29	72.94	1657.12	117.8895	127.1434	49.4163	0.5393	1.4933	55.6265	0.4402
07:49:11	368.74	6.12	790.72	838.83	374.85	72.94	1667.80	112.4729	121.4641	49.6425	0.5638	1.5573	58.0676	0.4540
07:49:12	368.74	6.27	790.72	849.82	400.49	72.94	1680.51	109.9240	118.9375	50.0948	0.5878	1.6201	60.5931	0.4679
07:49:13	368.74	6.40	790.72	881.56	418.36	73.19	1692.71	109.9240	118.9375	50.0948	0.6119	1.6828	63.1186	0.4818
07:49:14	499.51	6.52	790.72	924.30	412.70	72.94	1701.36	109.4461	118.8289	50.3210	0.6358	1.7673	65.7688	0.4958
07:49:15	499.51	6.62	791.21	930.40	402.93	72.94	1699.32	110.8798	120.6270	50.7733	0.6602	1.8531	68.5093	0.5099
07:49:16	499.39	6.71	790.23	887.67	379.73	72.94	1705.93	115.0219	125.3389	51.1125	0.6855	1.9422	71.3230	0.5241
07:49:17	499.39	6.71	790.23	887.67	379.73	72.94	1705.93	120.5978	131.6623	51.3387	0.7215	2.0359	74.2044	0.5384
07:49:18	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	121.3943	132.7019	51.4518	0.7578	2.1303	77.1353	0.5527
07:49:19	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	115.8185	126.7560	51.5649	0.7925	2.2204	80.1125	0.5670
07:49:20	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	115.8185	126.7560	51.5649	0.8271	2.3105	83.0897	0.5813
07:49:21	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	117.0930	128.3217	51.9041	0.8622	2.4017	86.1318	0.5957
07:49:22	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	117.0930	128.3217	51.9041	0.8973	2.4930	89.1739	0.6101
07:49:23	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	117.0930	128.3217	51.9041	0.9324	2.5842	92.2160	0.6246
07:49:24	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	117.0930	128.3217	51.9041	0.9675	2.6755	95.2581	0.6390
07:49:25	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	117.0930	128.3217	51.9041	1.0025	2.7667	98.3002	0.6534
07:49:26	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	117.0930	128.3217	51.9041	1.0376	2.8580	101.3423	0.6678
07:49:27	499.39	6.81	790.72	897.44	365.08	72.94	1723.22	117.0930	128.3217	51.9041	1.0727	2.9492	104.3844	0.6822
07:49:28	499.51	7.19	995.38	938.95	398.05	73.43	1766.95	117.0930	128.3217	51.9041	1.1078	3.0405	107.4265	0.6966
07:49:29	499.51	7.19	995.38	941.39	399.27	73.43	1772.54	117.0930	128.3217	51.9041	1.1429	3.1317	110.4686	0.7111
07:49:30	499.51	7.15	994.87	1007.33	399.27	73.43	1772.54	117.0930	128.3217	51.9041	1.1780	3.2230	113.5107	0.7255
07:49:31	499.39	7.14	902.56	1008.55	412.70	73.19	1768.98	122.5095	134.9192	53.3742	1.2149	3.3438	116.8111	0.7403
07:49:32	499.39	7.14	902.56	1008.55	412.70	73.19	1768.98	122.8281	135.2701	53.4873	1.2519	3.4648	120.1185	0.7552
07:49:33	499.51	7.06	902.08	978.02	409.04	73.43	1773.05	131.4309	144.6776	53.4873	1.2914	3.5943	123.4096	0.7700
07:49:34	499.51	7.06	902.56	946.28	412.70	73.19	1777.12	131.5900	144.8306	53.4873	1.3310	3.7119	126.6954	0.7849
07:49:35	499.51	7.01	902.08	952.38	428.57	73.19	1781.19	131.5900	144.8306	53.4873	1.3706	3.8294	129.9812	0.7997
07:49:36	499.51	6.97	902.56	984.13	433.46	73.19	1788.31	127.6074	140.3036	53.4873	1.4090	3.9432	133.2311	0.8146
07:49:37	499.39	6.90	902.56	1018.31	454.21	73.43	1788.31	123.4653	135.7494	53.7134	1.4461	4.0534	136.4947	0.8295
07:49:38	499.39	6.86	902.08	1031.75	466.42	73.43	1792.88	124.2619	136.5273	53.8265	1.4835	4.1642	139.7399	0.8445
07:49:39	499.51	6.80	902.56	1051.28	461.54	73.43	1795.93	128.4040	141.0060	53.9396	1.5220	4.2786	142.9738	0.8594
07:49:40	499.51	6.80	902.56	1051.28	461.54	73.43	1795.93	132.8645	145.7774	54.0527	1.5619	4.3970	146.1836	0.8745
07:49:41	499.51	6.67	902.56	1026.86	404.15	73.19	1798.98	134.6171	147.6095	54.0527	1.6022	4.5167	149.3716	0.8895
07:49:42	499.51	6.56	812.70	986.57	387.06	73.19	1813.22	137.1660	150.2966	54.2788	1.6433	4.6387	152.5474	0.9046
07:49:43	499.51	6.56	812.70	986.57	387.06	73.19	1813.22	137.1660	150.2966	54.2788	1.6844	4.7607	155.7232	0.9196
07:49:44	499.39	6.44	812.70	1108.23	424.91	73.19	1822.88	133.9798	146.5574	54.2788	1.7245	4.8797	158.8389	0.9347
07:49:45	499.39	6.36	813.19	1135.53	439.58	73.19	1807.63	128.7226	140.5974	54.8442	1.7630	4.9824	161.9335	0.9499
07:49:46	499.63	6.32	812.21	1084.25	443.22	73.19	1811.19	128.7226	140.5974	54.8442	1.8014	5.0852	165.0282	0.9652
07:49:47	499.63	6.32	812.21	1084.25	443.22	73.19	1811.19	144.3350	157.4076	54.9573	1.8445	5.2002	168.0739	0.9804
07:49:48	499.39	6.19	812.21	1050.08	464.74	73.43	1824.92	148.1584	161.4116	54.6181	1.8886	5.3183	171.0641	0.9956
07:49:49	499.51	6.14	812.70	1105.01	494.51	73.67	1833.05	141.4674	154.0272	54.6181	1.9307	5.4308	174.0323	1.0108
07:49:50	499.51	6.06	812.70	1211.23	507.94	73.67	1842.20	141.4674	154.0272	54.6181	1.9729	5.5433	177.0005	1.0260
07:49:51	499.51	6.02	711.11	1211.23	507.94	73.67	1842.20	137.0066	148.9101	55.1835	2.0136	5.6521	179.9364	1.0413
07:49:52	499.39	5.97	710.13	1242.98	485.96	73.67	1841.70	144.1757	156.6136	55.4096	2.0564	5.7665	182.8639	1.0567
07:49:53	499.51	5.88	710.13	1173.38	444.44	73.43	1838.65	158.0356	171.4753	55.6358	2.1033	5.8919	185.7622	1.0721
07:49:54	499.51	5.85	710.13	1109.89	424.91	73.43	1842.20	158.0356	171.3872	55.6358	2.1502	6.0015	188.6418	1.0876
07:49:55	499.51	5.85	710.13	1109.89	424.91	73.43	1842.20	162.1777	175.7797	55.5227	2.1982	6.1137	191.4950	1.1030
07:49:56	499.51	5.78	710.62	1102.56	424.91	73.43	1852.88	153.0970	165.7414	55.4096	2.2436	6.2196	194.2997	1.1184
07:49:57	499.63	5.76	710.13	1163.61	461.54	73.43	1855.93	144.8129	156.7086	55.5227	2.2864	6.3197	197.0951	1.1338
07:49:58	499.51	5.68	710.62	1272.28	595.85	73.67	1862.04	144.8129	156.7086	55.5227	2.3293	6.4198	199.8905	1.1492
07:49:59	499.51	5.68	710.62	1272.28	595.85	73.67	1862.04	143.8570	155.5302	56.0881	2.3718	6.5192	202.6805	1.1648
07:50:00	499.39	5.66	710.62	1283.27	644.69	73.91	1863.05	151.8225	164.0830	56.0881	2.4167	6.6239	205.4573	1.1804

07:50:01	499.51	5.63	710.62	1258.85	633.70	74.16	1862.04	166.0011	179.2312	56.0881	2.4657	6.7385	208.1983	1.1960
07:50:02	499.39	5.59	610.01	1205.13	568.99	74.16	1857.97	166.0011	179.2312	56.0881	2.5147	6.8530	210.9394	1.2116
07:50:03	499.39	5.57	610.50	1177.05	527.47	74.16	1857.97	167.4349	180.7327	56.3143	2.5642	6.9685	213.6820	1.2272
07:50:04	499.39	5.57	610.50	1177.05	527.47	74.16	1857.97	164.2487	177.2297	56.2012	2.6126	7.0818	216.4059	1.2428
07:50:05	499.39	5.52	610.01	1179.49	500.61	74.16	1868.65	157.2391	169.5612	56.0881	2.6590	7.1748	219.1017	1.2584
07:50:06	499.39	5.47	610.50	1316.24	512.82	74.16	1883.39	153.5750	165.5759	56.0881	2.7043	7.2657	221.7899	1.2740
07:50:07	499.39	5.47	610.50	1316.24	512.82	74.16	1883.39	153.5750	165.5759	56.0881	2.7495	7.3566	224.4782	1.2896
07:50:08	499.39	5.45	610.01	1324.79	490.84	74.16	1870.17	153.8936	165.8084	56.3143	2.7949	7.4476	227.1527	1.3052
07:50:09	499.39	5.44	610.50	1199.02	432.23	73.91	1861.02	171.7363	184.9182	56.7666	2.8454	7.5491	229.8258	1.3210
07:50:10	499.39	5.40	609.52	991.45	365.08	73.67	1856.44	171.7363	184.9182	56.7666	2.8960	7.6507	232.4989	1.3367
07:50:11	499.51	5.40	610.01	919.41	340.66	73.43	1854.41	172.8515	186.0519	56.4273	2.9468	7.7527	235.1428	1.3524
07:50:12	499.51	5.40	610.01	919.41	340.66	73.43	1854.41	156.4425	168.3638	56.2012	2.9929	7.8452	237.7704	1.3680
07:50:13	499.51	5.37	593.90	888.89	346.76	73.19	1854.41	129.3598	139.1600	56.0881	3.0309	7.9214	240.3777	1.3836
07:50:14	464.35	5.35	594.38	1047.62	424.91	73.19	1870.17	119.9605	129.0486	55.9750	3.0662	7.9922	242.9797	1.3992
07:50:15	464.35	5.35	594.38	1047.62	424.91	73.19	1870.17	119.9605	129.0486	55.9750	3.1015	8.0630	245.5817	1.4147
07:50:16	464.59	5.35	594.38	1239.32	522.59	73.43	1875.26	115.9778	124.7127	55.9750	3.1356	8.1297	248.1686	1.4303
07:50:17	464.59	5.33	594.87	1273.50	527.47	73.43	1875.26	136.6880	146.9278	56.5404	3.1730	8.2082	250.7703	1.4460
07:50:18	464.59	5.33	593.90	1225.89	510.38	73.19	1871.19	136.6880	146.9278	56.5404	3.2103	8.2867	253.3720	1.4617
07:50:19	464.59	5.32	593.90	1179.49	494.51	73.43	1876.27	161.6998	173.8134	56.5404	3.2545	8.3796	255.9737	1.4774
07:50:20	464.59	5.30	593.90	1179.49	494.51	73.43	1876.27	166.1604	178.5623	56.6535	3.3000	8.4752	258.5711	1.4931
07:50:21	464.59	5.30	578.75	1157.51	476.19	73.19	1875.26	159.9473	171.8854	56.5404	3.3437	8.5670	261.1633	1.5088
07:50:22	464.59	5.29	578.75	1123.32	466.42	73.43	1875.26	153.8936	165.3543	56.6535	3.3857	8.6553	263.7550	1.5245
07:50:23	464.59	5.29	578.75	1118.44	466.42	73.43	1875.26	153.8936	165.3202	56.6535	3.4278	8.7436	266.3391	1.5403
07:50:24	344.81	5.26	579.24	1129.43	457.88	73.43	1876.27	151.0260	162.2397	56.6535	3.4691	8.8280	268.9231	1.5560
07:50:25	344.81	5.26	578.75	1113.55	429.79	73.19	1877.80	146.5653	157.4234	56.6535	3.5091	8.9100	271.5015	1.5718
07:50:26	344.69	5.25	578.75	1113.55	442.00	73.19	1875.76	145.9281	156.7390	56.6535	3.5490	8.9916	274.0799	1.5875
07:50:27	344.69	5.25	578.75	1113.55	442.00	73.19	1875.76	147.3619	158.1872	56.6535	3.5788	9.0740	276.6449	1.6032
07:50:28	344.81	5.25	578.75	1096.46	426.13	72.94	1872.71	145.2908	155.9640	56.7666	3.6083	9.1551	279.2150	1.6190
07:50:29	344.81	5.25	578.75	1083.03	422.47	72.94	1872.71	145.2908	155.9399	56.5404	3.6377	9.2363	281.7693	1.6347
07:50:30	344.69	5.24	578.27	1119.66	467.64	73.19	1877.80	145.2908	155.9399	56.5404	3.6671	9.3175	284.3235	1.6504
07:50:31	344.69	5.24	578.27	1119.66	467.64	73.19	1877.80	143.0605	153.5461	56.6535	3.6961	9.3974	286.8828	1.6662
07:50:32	344.81	5.20	548.47	1142.86	476.19	73.19	1877.80	141.3081	151.6652	56.5404	3.7248	9.4763	289.4370	1.6819
07:50:33	344.81	5.20	548.47	1152.63	493.28	73.19	1877.80	146.0874	156.7625	56.7666	3.7543	9.5579	291.9939	1.6976
07:50:34	344.81	5.17	548.47	1151.40	494.51	73.19	1875.26	146.0874	156.7625	56.7666	3.7839	9.6394	294.5507	1.7134
07:50:35	263.74	5.17	548.47	1134.31	511.60	73.43	1875.26	149.1143	159.9364	56.6535	3.8141	9.7183	297.0853	1.7291
07:50:36	263.74	5.17	548.47	1134.31	511.60	73.43	1875.26	150.3887	161.3033	56.6535	3.8446	9.7978	299.6199	1.7449
07:50:37	263.86	5.14	548.96	1159.95	532.36	73.67	1879.32	150.2294	161.0577	56.6535	3.8750	9.8773	302.1373	1.7606
07:50:38	263.86	5.14	548.96	1159.95	532.36	73.67	1879.32	147.9991	158.6430	56.5404	3.8979	9.9555	304.6498	1.7763
07:50:39	263.86	5.12	548.47	1163.61	531.14	73.67	1881.36	147.9991	158.6430	56.5404	3.9208	10.0338	307.1622	1.7920
07:50:40	263.74	5.10	548.47	1177.05	520.15	73.67	1880.34	151.3446	162.1706	56.8797	3.9442	10.1139	309.6763	1.8078
07:50:41	263.86	5.08	548.47	1213.68	544.57	73.91	1876.27	151.3446	162.1706	56.8797	3.9676	10.1939	312.1905	1.8236
07:50:42	263.86	5.06	518.68	1234.43	555.56	74.16	1874.24	151.8225	162.6324	56.7666	3.9911	10.2741	314.6882	1.8394
07:50:43	263.86	5.06	518.68	1218.56	554.33	74.16	1875.26	153.5750	164.4756	56.8797	4.0149	10.3553	317.1832	1.8552
07:50:44	263.86	5.05	518.68	1205.13	514.04	74.16	1877.29	158.3543	169.5417	56.6535	4.0394	10.4389	319.6569	1.8709
07:50:45	202.32	5.04	518.68	1208.79	498.17	74.40	1878.81	161.0625	172.4146	56.6535	4.0643	10.5193	322.1249	1.8867
07:50:46	202.32	5.04	518.68	1256.41	525.03	74.40	1881.87	158.9915	170.1976	56.5404	4.0889	10.5987	324.5880	1.9024
07:50:47	202.44	5.04	518.19	1262.52	548.23	74.64	1881.87	157.2391	168.2956	56.6535	4.1132	10.6772	327.0503	1.9181
07:50:48	202.32	5.02	518.68	1229.55	548.23	74.64	1879.32	157.7170	168.7620	56.6535	4.1319	10.7559	329.5069	1.9338
07:50:49	202.32	5.03	518.19	1223.44	516.48	74.64	1875.76	163.9301	175.4102	56.7666	4.1513	10.8378	331.9683	1.9496
07:50:50	202.32	5.00	518.68	1201.46	494.51	74.64	1874.75	164.7266	176.2626	56.7666	4.1708	10.9199	334.4298	1.9654
07:50:51	202.32	5.00	516.73	1142.86	438.34	74.64	1874.75	160.4253	171.6068	56.7666	4.1899	11.0000	336.8799	1.9811
07:50:52	202.32	5.00	516.73	1142.86	438.34	74.40	1874.75	159.6287	170.7812	56.6535	4.2088	11.0795	339.3307	1.9969
07:50:53	202.44	4.99	516.73	1152.63	401.71	74.16	1877.80	156.7611	167.6440	56.6535	4.2273	11.1577	341.7664	2.0126
07:50:54	168.25	4.99	516.24	1141.64	401.71	74.16	1877.80	149.1143	159.4663	56.6535	4.2450	11.2318	344.2020	2.0284
07:50:55	168.25	4.99	516.73	1141.64	405.37	74.16	1873.22	149.1143	159.4663	56.6535	4.2627	11.3060	346.6377	2.0441
07:50:56	168.25	4.97	516.73	1103.79	391.94	74.16	1874.24	150.3887	160.8044	56.7666	4.2805	11.3807	349.0724	2.0599
07:50:57	168.38	4.97	516.73	1124.54	391.94	74.16	1874.24	148.9550	159.2613	56.7666	4.2952	11.4546	351.5072	2.0756
07:50:58	168.38	4.97	516.73	1124.54	437.12	74.16	1875.76	148.9550	159.2613	56.6535	4.3098	11.5286	353.9372	2.0914
07:50:59	168.38	4.97	516.24	1133.09	462.76	74.16	1875.76	144.0164	153.9572	56.5404	4.3240	11.6002	356.3566	2.1071
07:51:00	168.25	4.97	516.73	1162.39	488.40	74.16	1875.76	146.7246	156.8524	56.5404	4.3385	11.6731	358.7760	2.1228
07:51:01	168.38	4.97	514.29	1184.37	500.61	74.40	1877.80	146.7246	156.8524	56.6535	4.3529	11.7460	361.2002	2.1385
07:51:02	168.38	4.95	514.29	1178.27	506.72	74.40	1879.32	147.8398	158.0445	56.6535	4.3675	11.8193	363.6244	2.1543
07:51:03	149.82	4.95	514.77	1178.27	506.72	74.40	1879.32	151.6632	162.1318	56.6535	4.3824	11.8947	366.0486	2.1700
07:51:04	149.82	4.95	514.77	1178.27	499.39	74.40	1869.66	154.5308	165.1974	56.7666	4.3977	11.9711	368.4777	2.1858
07:51:05	149.82	4.95	514.29	1168.06	490.84	74.64	1869.66	153.7343	164.2865	56.6535	4.4128	12.0471	370.8886	2.2015
07:51:06	149.82	4.95	514.29	1168.06	490.84	74.64	1871.70	153.7343	164.2809	56.7666	4.4263	12.1231	373.3043	2.2173
07:51:07	149.82	4.95	514.29	1210.01	477.41	74.64	1876.27	153.7343	164.2809	56.5404	4.4398	12.1992	375.7104	2.2330

07:51:08	149.82	4.95	514.29	1210.01	478.63	74.64	1875.26	152.1412	162.5785	56.5404	4.4531	12.2744	378.1165	2.2487
07:51:09	149.82	4.94	514.29	1188.03	473.75	74.64	1873.22	152.1412	162.5785	56.5404	4.4664	12.3496	380.5226	2.2644
07:51:10	149.82	4.95	514.29	1184.37	473.75	74.64	1873.22	157.8763	168.7071	56.5404	4.4803	12.4276	382.9287	2.2801
07:51:11	149.82	4.95	514.29	1184.37	478.63	74.88	1875.26	157.8763	168.7071	56.6535	4.4941	12.5056	385.3396	2.2958
07:51:12	149.82	4.93	505.98	1177.05	507.94	74.88	1881.87	155.0087	165.6172	56.6535	4.5077	12.5822	387.7448	2.3116
07:51:13	149.82	4.93	505.98	1202.69	503.05	74.88	1881.87	154.5308	165.1321	56.6535	4.5212	12.6586	390.1557	2.3273
07:51:14	139.32	4.93	505.98	1202.69	503.05	74.88	1878.81	154.5308	165.1321	56.6535	4.5348	12.7350	392.5666	2.3430
07:51:15	139.32	4.91	508.47	1153.85	468.86	74.88	1873.73	153.5750	164.0768	56.8797	4.5482	12.8096	394.9795	2.3588
07:51:16	139.32	4.91	508.47	1094.02	434.68	74.64	1869.15	156.9205	167.6511	56.7666	4.5620	12.8859	397.3876	2.3746
07:51:17	139.44	4.91	505.98	1023.20	406.59	74.64	1868.14	156.9205	167.6479	56.7666	4.5748	12.9622	399.7957	2.3904
07:51:18	139.44	4.90	505.98	1010.99	402.93	74.40	1871.70	150.5480	160.7900	56.5404	4.5870	13.0355	402.1828	2.4061
07:51:19	139.44	4.90	505.98	1010.99	402.93	74.40	1871.70	142.7419	152.4528	56.4273	4.5987	13.1049	404.5651	2.4218
07:51:20	139.44	4.90	505.98	1053.72	402.93	74.40	1871.70	133.5019	142.5842	56.5404	4.6096	13.1698	406.9522	2.4375
07:51:21	139.44	4.88	500.61	1095.24	444.44	74.40	1874.75	131.9088	140.8609	56.4273	4.6203	13.2339	409.3289	2.4531
07:51:22	139.44	4.90	500.61	1095.24	444.44	74.40	1874.75	131.9088	140.8609	56.4273	4.6311	13.2980	411.7055	2.4688
07:51:23	139.32	4.90	501.10	1197.80	477.41	74.16	1871.19	137.4846	146.8152	56.6535	4.6423	13.3648	414.0917	2.4845
07:51:24	139.32	4.90	501.10	1197.80	477.41	74.16	1871.19	142.9012	152.5678	56.7666	4.6539	13.4335	416.4750	2.5003
07:51:25	138.95	4.90	501.10	1122.10	450.55	74.40	1870.17	142.9012	152.5993	56.7666	4.6656	13.5022	418.8659	2.5161
07:51:26	138.95	4.87	500.61	1090.35	460.32	74.64	1871.19	156.2832	166.8895	56.4273	4.6783	13.5774	421.2426	2.5318
07:51:27	138.83	4.88	500.61	1128.20	460.32	74.64	1871.19	156.2832	166.8895	56.4273	4.6910	13.6526	423.6192	2.5474
07:51:28	138.95	4.85	500.61	1144.08	440.78	74.64	1875.26	146.4060	156.3419	56.4273	4.7029	13.7230	425.9959	2.5631
07:51:29	138.95	4.87	500.61	1147.74	454.21	74.64	1875.26	142.2639	151.8560	56.5404	4.7145	13.7914	428.3621	2.5788
07:51:30	138.83	4.85	500.61	1147.74	454.21	74.64	1875.26	147.2025	157.1518	56.5404	4.7264	13.8622	430.7340	2.5945
07:51:31	138.95	4.85	493.77	1151.40	461.54	74.88	1876.27	149.2736	159.3053	56.7666	4.7385	13.9339	433.1021	2.6103
07:51:32	138.95	4.85	493.77	1151.40	461.54	74.88	1876.27	149.7515	159.8566	56.7666	4.7507	14.0059	435.4797	2.6261
07:51:33	138.95	4.85	494.26	1170.94	478.63	74.88	1876.27	149.7515	159.8153	56.7666	4.7629	14.0778	437.8477	2.6418
07:51:34	133.82	4.85	494.26	1173.38	506.72	74.88	1874.75	150.2294	160.3254	56.7666	4.7750	14.1490	440.2158	2.6576
07:51:35	133.82	4.85	493.77	1168.50	548.23	74.88	1874.75	150.2294	160.3254	56.7666	4.7872	14.2202	442.5838	2.6734
07:51:36	133.82	4.85	494.26	1169.72	558.00	75.13	1875.26	152.7784	163.0457	56.6535	4.7996	14.2927	444.9472	2.6891
07:51:37	133.82	4.84	493.77	1189.26	573.87	75.13	1877.29	153.0970	163.3842	56.5404	4.8116	14.3653	447.3058	2.7048
07:51:38	133.82	4.85	494.26	1189.26	573.87	75.13	1877.29	152.4598	162.7041	56.5404	4.8235	14.4376	449.6644	2.7205
07:51:39	133.82	4.85	494.26	1214.90	521.37	75.13	1881.36	152.6191	162.8741	56.6535	4.8355	14.5100	452.0277	2.7362
07:51:40	133.82	4.85	494.26	1214.90	521.37	75.13	1881.36	155.1680	165.5687	56.6535	4.8476	14.5835	454.3854	2.7520
07:51:41	133.82	4.85	494.26	1162.39	462.76	75.13	1880.34	155.1680	165.5944	56.6535	4.8597	14.6571	456.7487	2.7677
07:51:42	133.94	4.83	490.35	1092.80	422.47	74.88	1880.34	158.5136	169.1647	56.7666	4.8721	14.7323	459.1167	2.7835
07:51:43	133.82	4.83	489.87	1092.80	422.47	74.88	1880.34	158.5136	169.1647	56.7666	4.8845	14.8075	461.4848	2.7993
07:51:44	130.53	4.83	489.87	1084.25	435.90	74.88	1877.29	151.6632	161.8540	56.6535	4.8964	14.8794	463.8481	2.8150
07:51:45	130.40	4.83	490.35	1106.23	450.55	74.88	1876.27	142.5826	152.1240	56.8797	4.9075	14.9465	466.2114	2.8308
07:51:46	130.40	4.83	489.87	1125.76	461.54	74.64	1877.29	142.5826	152.1239	56.8797	4.9187	15.0135	468.5746	2.8466
07:51:47	130.53	4.83	489.87	1113.55	449.33	74.64	1878.31	141.4674	150.9332	56.7666	4.9295	15.0800	470.9331	2.8624
07:51:48	130.40	4.83	489.87	1101.34	445.67	74.40	1878.31	144.3350	153.9926	56.7666	4.9405	15.1479	473.2916	2.8781
07:51:49	130.40	4.83	489.87	1101.34	445.67	74.40	1878.31	146.8839	156.7121	56.6535	4.9517	15.2170	475.6454	2.8939
07:51:50	130.40	4.83	489.87	1168.50	467.64	74.64	1878.31	145.2908	155.0125	56.6535	4.9627	15.2853	477.9993	2.9096
07:51:51	130.53	4.85	493.77	1202.69	501.83	74.88	1878.31	143.6977	153.3128	56.7666	4.9737	15.3528	480.3578	2.9254
07:51:52	130.40	4.85	493.77	1230.77	534.80	74.64	1879.32	143.6977	153.3128	56.7666	4.9846	15.4203	482.7163	2.9411
07:51:53	130.40	4.85	493.77	1230.77	534.80	74.64	1879.32	152.4598	162.6611	56.7666	4.9962	15.4920	485.0748	2.9569
07:51:54	130.40	4.85	494.26	1242.98	540.90	74.88	1879.32	156.9205	167.4635	56.7666	5.0082	15.5664	487.4429	2.9727
07:51:55	128.45	4.85	494.26	1250.31	525.03	74.88	1881.36	160.5846	171.3738	56.6535	5.0204	15.6425	489.8062	2.9884
07:51:56	128.45	4.85	494.26	1208.79	433.46	74.64	1881.36	160.5846	171.3738	56.6535	5.0327	15.7186	492.1696	3.0042
07:51:57	128.45	4.85	494.26	1208.79	433.46	74.64	1881.36	162.1777	173.0739	56.7666	5.0450	15.7955	494.5376	3.0199
07:51:58	128.45	4.83	494.75	1189.26	442.00	74.64	1879.32	163.1336	174.0934	56.7666	5.0573	15.8729	496.9057	3.0357
07:51:59	128.45	4.83	494.26	1158.73	437.12	74.64	1873.22	157.7170	168.3129	56.8797	5.0691	15.9477	499.2784	3.0515
07:52:00	128.45	4.83	494.26	1128.20	438.34	74.64	1873.22	157.7170	168.3129	56.8797	5.0809	16.0225	501.6512	3.0673
07:52:01	128.45	4.84	494.26	1081.81	413.92	74.64	1874.75	155.1680	165.5500	56.7666	5.0926	16.0962	504.0097	3.0831
07:52:02	128.45	4.84	494.26	1081.81	413.92	74.40	1874.75	151.1853	161.3007	56.6535	5.1039	16.1679	506.3635	3.0988
07:52:03	128.45	4.84	495.73	1075.70	398.05	74.64	1874.75	147.2025	157.0515	56.5404	5.1150	16.2377	508.7127	3.1145
07:52:04	119.90	4.85	496.21	1153.85	423.69	74.40	1873.73	141.1488	150.6160	56.6535	5.1256	16.3046	511.0722	3.1302
07:52:05	119.90	4.85	496.21	1153.85	423.69	74.40	1873.73	141.1488	150.6160	56.6535	5.1362	16.3716	513.4317	3.1460
07:52:06	119.90	4.83	496.21	1128.20	423.69	74.16	1872.20	140.3522	149.7661	56.6535	5.1467	16.4384	515.7913	3.1617
07:52:07	120.02	4.83	496.21	1076.92	426.13	74.40	1874.24	150.5480	160.6515	56.5404	5.1572	16.5101	518.1480	3.1774
07:52:08	120.02	4.83	496.21	1106.23	452.99	74.40	1877.29	150.5480	160.6515	56.5404	5.1678	16.5817	520.5047	3.1931
07:52:09	120.02	4.83	496.21	1183.15	542.12	74.40	1875.76	147.2025	157.0491	56.4273	5.1781	16.6518	522.8491	3.2088
07:52:10	120.02	4.83	496.21	1194.14	587.30	74.88	1872.71	140.5115	149.9105	56.5404	5.1880	16.7187	525.1983	3.2245
07:52:11	120.02	4.83	496.21	1210.01	588.52	74.88	1875.76	144.3350	153.9897	56.6535	5.1981	16.7874	527.5521	3.2402
07:52:12	119.90	4.81	488.40	1250.31	614.16	75.13	1877.29	154.3715	164.6976	56.6535	5.2089	16.8609	529.9059	3.2560
07:52:13	119.90	4.81	488.40	1250.31	614.16	75.13	1877.29	155.8053	166.2273	56.6535	5.2198	16.9351	532.2597	3.2717
07:52:14	121.49	4.80	488.40	1241.76	622.71	75.13	1875.26	157.8763	168.4368	56.7666	5.2309	17.0103	534.6182	3.2875

07:52:15	121.49	4.80	488.40	1240.54	608.06	75.13	1873.73	163.1336	174.0098	56.7666	5.2423	17.0867	536.9691	3.3032
07:52:16	121.37	4.80	487.91	1199.02	540.90	75.37	1871.70	163.1336	174.0098	56.7666	5.2537	17.1632	539.3200	3.3190
07:52:17	121.49	4.80	488.40	1175.82	517.70	75.37	1871.70	162.0184	172.7940	56.7666	5.2652	17.2391	541.6652	3.3348
07:52:18	121.37	4.80	487.91	1168.50	506.72	75.37	1872.71	161.8591	172.6241	56.6535	5.2767	17.3149	544.0057	3.3505
07:52:19	121.49	4.80	487.91	1168.50	500.61	75.37	1876.27	156.4425	166.8472	56.4273	5.2878	17.3881	546.3369	3.3662
07:52:20	121.37	4.80	488.40	1145.30	466.42	75.37	1878.81	153.4156	163.6191	56.6535	5.2987	17.4600	548.6774	3.3819
07:52:21	121.37	4.80	488.40	1145.30	466.42	75.37	1878.81	152.4598	162.5996	56.6535	5.3095	17.5313	551.0179	3.3977
07:52:22	121.37	4.80	480.10	1145.30	455.43	75.37	1878.81	152.4598	162.5996	56.6535	5.3203	17.6027	553.3584	3.4134
07:52:23	121.49	4.79	480.10	1159.95	474.97	75.37	1877.80	149.4329	159.3714	56.7666	5.3309	17.6727	555.7035	3.4292
07:52:24	130.40	4.79	480.59	1156.29	495.73	75.37	1877.80	149.4329	159.3714	56.7666	5.3415	17.7427	558.0487	3.4449
07:52:25	130.53	4.77	480.59	1155.07	462.76	75.37	1877.80	149.4329	159.3714	56.6535	5.3521	17.8115	560.3892	3.4607
07:52:26	130.53	4.77	480.59	1155.07	462.76	75.13	1877.80	151.3446	161.3853	56.7666	5.3628	17.8811	562.7287	3.4765
07:52:27	130.53	4.78	480.10	1129.43	409.04	75.13	1877.80	150.8667	160.8783	56.7666	5.3743	17.9507	565.0681	3.4922
07:52:28	130.40	4.78	480.10	1129.43	409.04	75.13	1877.80	150.7074	160.6669	56.7666	5.3858	18.0201	567.3981	3.5080
07:52:29	130.40	4.76	480.10	1146.52	412.70	75.13	1877.80	150.7074	160.6669	56.7666	5.3973	18.0896	569.7280	3.5238
07:52:30	130.40	4.76	480.10	1114.77	429.79	75.13	1877.80	147.3619	157.1247	56.7666	5.4085	18.1574	572.0636	3.5395
07:52:31	130.53	4.76	480.10	1111.11	439.56	75.13	1877.80	147.3619	157.1247	56.7666	5.4197	18.2252	574.3993	3.5553
07:52:32	130.40	4.76	484.49	1078.14	442.00	75.13	1875.26	149.5922	159.4616	56.7666	5.4311	18.2941	576.7254	3.5711
07:52:33	130.40	4.76	484.49	1052.50	440.78	75.13	1874.24	145.4501	155.0462	56.6535	5.4422	18.3610	579.0468	3.5868
07:52:34	130.53	4.76	484.49	1037.85	437.12	75.13	1875.76	144.9722	154.5368	56.6535	5.4532	18.4278	581.3683	3.6025
07:52:35	122.95	4.78	484.49	1030.52	431.01	74.88	1876.27	140.6708	149.9516	56.6535	5.4639	18.4931	583.6898	3.6183
07:52:36	122.95	4.78	484.00	1030.52	431.01	74.88	1876.27	137.3253	146.3854	56.6535	5.4744	18.5569	586.0113	3.6340
07:52:37	122.95	4.78	484.00	1039.07	434.68	74.88	1874.75	135.4136	144.3476	56.5404	5.4847	18.6198	588.3281	3.6497
07:52:38	122.95	4.78	484.49	1057.39	439.56	74.88	1877.80	134.4576	143.3487	56.6535	5.4943	18.6822	590.6553	3.6655
07:52:39	122.95	4.76	484.49	1067.16	444.44	74.88	1876.78	134.4576	143.3487	56.6535	5.5040	18.7446	592.9825	3.6812
07:52:40	122.95	4.78	484.49	1090.35	445.67	74.64	1878.81	135.5729	144.5378	56.7666	5.5137	18.8076	595.3143	3.6970
07:52:41	122.95	4.76	487.91	1067.16	428.57	74.64	1878.81	137.9626	147.0854	56.5404	5.5236	18.8716	597.6368	3.7127
07:52:42	122.95	4.76	487.91	1067.16	428.57	74.64	1878.81	139.2371	148.4135	56.6535	5.5336	18.9363	599.9564	3.7284
07:52:43	122.95	4.76	488.40	1126.98	442.00	74.64	1882.37	142.2639	151.6791	56.6535	5.5438	19.0024	602.2855	3.7441
07:52:44	120.39	4.77	487.91	1126.98	442.00	74.64	1882.37	139.2371	148.4135	56.6535	5.5538	19.0675	604.6051	3.7599
07:52:45	120.51	4.77	488.40	1172.16	474.97	74.64	1885.42	139.2371	148.4135	56.8797	5.5638	19.1326	606.9339	3.7757
07:52:46	120.51	4.77	488.40	1205.13	468.86	74.64	1881.36	147.0432	156.7342	56.9928	5.5743	19.2015	609.2673	3.7915
07:52:47	120.51	4.77	488.40	1205.13	468.86	74.64	1881.36	147.0432	156.7578	56.9928	5.5847	19.2703	611.6065	3.8073
07:52:48	120.51	4.77	488.40	1158.73	432.23	74.40	1877.29	152.9377	163.0417	56.8797	5.5954	19.3419	613.9411	3.8231
07:52:49	120.51	4.77	487.91	1064.71	382.17	74.16	1874.75	157.2391	167.6272	56.8797	5.6065	19.4155	616.2757	3.8389
07:52:50	120.51	4.77	488.40	1000.00	374.85	74.16	1873.22	157.2391	167.6272	56.8797	5.6175	19.4891	618.6102	3.8547
07:52:51	120.51	4.77	488.40	1000.00	421.25	74.16	1873.22	151.1853	161.1735	56.7666	5.6282	19.5599	620.9402	3.8705
07:52:52	120.51	4.76	481.07	1023.20	468.86	74.64	1873.22	138.9184	148.0962	56.6535	5.6379	19.6249	623.2654	3.8862
07:52:53	120.51	4.76	480.59	1048.84	507.94	74.40	1874.24	130.4750	139.0950	56.6535	5.6471	19.6860	625.5907	3.9020
07:52:54	120.51	4.76	480.59	1111.11	555.56	74.88	1872.20	130.4750	139.0950	56.5404	5.6563	19.7471	627.9114	3.9177
07:52:55	120.51	4.76	480.10	1112.33	534.80	74.64	1871.19	133.5019	142.2998	56.4273	5.6657	19.8087	630.2217	3.9334
07:52:56	120.51	4.76	480.59	1085.47	506.72	74.88	1871.19	136.8474	145.8657	56.5404	5.6753	19.8717	632.5366	3.9491
07:52:57	120.51	4.75	480.10	1096.46	395.60	74.64	1877.80	144.9722	154.5260	56.6535	5.6855	19.9385	634.8562	3.9648
07:52:58	120.51	4.75	480.10	1096.46	395.60	74.64	1877.80	145.1315	154.6958	56.5404	5.6957	20.0053	637.1711	3.9805
07:52:59	120.51	4.76	480.10	1114.77	387.06	74.40	1879.32	141.6267	150.9600	56.4273	5.7057	20.0705	639.4814	3.9962
07:53:00	120.51	4.76	480.10	1126.98	401.71	74.64	1876.78	143.0605	152.4725	56.6535	5.7157	20.1364	641.7972	4.0119
07:53:01	120.51	4.74	480.59	1174.60	470.09	74.64	1874.24	143.0605	152.4725	56.6535	5.7258	20.2022	644.1130	4.0277
07:53:02	120.51	4.74	472.28	1170.94	467.64	74.64	1873.22	145.4501	155.0434	56.7666	5.7360	20.2692	646.4391	4.0434
07:53:03	120.51	4.74	472.28	1170.94	467.64	74.64	1873.22	147.0432	156.7416	56.7666	5.7464	20.3368	648.7652	4.0592
07:53:04	120.51	4.74	472.28	1085.47	433.46	74.64	1879.32	153.2563	163.3139	56.6535	5.7571	20.4074	651.0752	4.0749
07:53:05	120.51	4.73	471.79	1094.02	483.52	74.40	1872.71	152.7784	162.8045	56.5404	5.7679	20.4766	653.3807	4.0906
07:53:06	120.51	4.73	471.79	1094.02	483.52	74.40	1872.71	152.7784	162.8045	56.5404	5.7786	20.5457	655.6861	4.1063
07:53:07	120.51	4.74	471.79	1081.81	505.49	74.40	1867.12	141.6267	150.9210	56.6535	5.7886	20.6098	657.9962	4.1221
07:53:08	120.51	4.74	471.79	978.02	471.31	74.64	1714.58	142.7419	152.0858	56.5404	5.7986	20.6743	660.2959	4.1378
07:53:09	120.51	4.74	472.28	829.06	411.48	74.64	1639.83	142.7419	152.0858	56.5404	5.8087	20.7389	662.5957	4.1535
07:53:10	120.51	4.74	471.79	622.71	361.42	74.88	1546.27	141.1488	150.4195	56.5404	5.8186	20.8027	664.9030	4.1692
07:53:11	120.51	4.74	476.68	531.14	339.44	74.88	1486.78	127.6074	135.9887	51.6780	5.8276	20.8604	667.0119	4.1836
07:53:12	120.51	4.74	476.68	454.21	308.91	74.88	1399.32	108.1716	115.2763	49.4163	5.8352	20.9094	669.0286	4.1973
07:53:13	118.56	4.73	476.68	360.20	251.53	74.88	1342.37	81.2482	86.5846	46.5893	5.8409	20.9461	670.9298	4.2102
07:53:14	118.44	4.73	476.68	301.59	251.53	74.88	1342.37	69.2999	73.8516	44.8931	5.8457	20.9778	672.7618	4.2227
07:53:15	118.44	4.73	476.68	261.29	185.59	74.64	1232.54	59.2634	63.1558	42.1792	5.8499	21.0048	674.4831	4.2344
07:53:16	118.32	4.73	477.17	228.33	167.28	74.64	1129.32	46.9965	50.0753	40.3699	5.8532	21.0263	676.1265	4.2456
07:53:17	118.44	4.72	476.68	216.12	163.61	74.64	1060.17	39.3496	41.9275	40.3699	5.8559	21.0443	677.7699	4.2568
07:53:18	118.44	4.72	476.68	216.12	163.61	74.64	1060.17	34.0924	36.3258	37.2036	5.8582	21.0598	679.2844	4.2672
07:53:19	118.44	4.72	476.19	194.14	144.08	74.64	961.53	29.7910	31.7426	34.0373	5.8603	21.0735	680.6699	4.2766
07:53:20	118.44	4.72	476.19	174.60	122.10	74.64	897.46	28.1979	30.0390	32.1150	5.8622	21.0863	681.9730	4.2855
07:53:21	118.44	4.72	478.63	128.98	87.91	74.64	727.12	28.1979	30.0390	32.1150	5.8642	21.0992	683.2760	4.2945

07:53:22	118.44	4.72	478.63	126.98	87.91	74.64	727.12	25.3303	26.9841	28.9487	5.8659	21.1108	684.4505	4.3025
07:53:23	118.44	4.73	478.63	114.77	79.37	74.40	704.24	22.7813	24.2688	27.1394	5.8675	21.1212	685.5517	4.3100
07:53:24	115.14	4.73	478.63	100.12	64.71	74.16	725.08	16.5683	17.6500	21.9377	5.8687	21.1288	686.4418	4.3161
07:53:25	115.14	4.73	478.14	96.46	61.05	74.16	731.19	16.5683	17.6500	21.9377	5.8698	21.1364	687.3319	4.3222
07:53:26	115.14	4.73	478.14	96.46	61.05	74.16	731.19	14.9752	15.9554	20.8069	5.8708	21.1432	688.1782	4.3280
07:53:27	115.14	4.73	478.14	94.02	57.39	74.16	740.34	13.0634	13.9184	15.8313	5.8717	21.1492	688.8221	4.3324
07:53:28	115.14	4.73	478.14	94.02	56.17	73.91	729.66	12.5855	13.4092	14.7005	5.8726	21.1550	689.4200	4.3365
07:53:29	115.14	4.71	478.14	91.58	56.17	73.91	702.20	12.5855	13.4092	14.7005	5.8734	21.1608	690.0180	4.3406
07:53:30	115.14	4.71	478.14	91.58	56.17	73.91	702.20	12.2669	13.0697	11.5342	5.8742	21.1664	690.4871	4.3438
07:53:31	115.14	4.71	478.14	91.58	53.72	73.67	701.19	12.2669	13.0697	9.9511	5.8751	21.1720	690.8919	4.3465
07:53:32	115.14	4.65	415.14	90.35	52.50	73.91	698.14	11.9483	12.7263	6.5587	5.8759	21.1775	691.1573	4.3484
07:53:33	115.14	4.62	415.14	90.35	53.72	73.67	691.02	11.9483	12.7263	6.5587	5.8767	21.1829	691.4228	4.3502
07:53:34	111.60	4.53	415.63	91.58	52.50	73.67	681.86	11.9483	12.7263	5.2017	5.8775	21.1884	691.6333	4.3516
07:53:35	111.60	4.47	415.14	91.58	53.72	73.67	682.88	11.7889	12.5476	3.0532	5.8783	21.1931	691.7554	4.3525
07:53:36	111.60	4.34	415.63	92.80	54.95	73.67	681.86	11.7889	12.5430	2.1485	5.8790	21.1978	691.8409	4.3531
07:53:37	111.60	4.17	415.14	96.46	59.83	73.67	683.39	11.9483	12.6973	0.5654	5.8798	21.2025	691.8629	4.3532
07:53:38	111.60	4.05	415.14	96.46	59.83	73.67	683.39	11.9483	12.6875	0.1131	5.8806	21.2073	691.8673	4.3533
07:53:39	111.60	3.86	415.63	97.68	59.83	73.43	684.92	12.1076	12.8334	0.1131	5.8814	21.2121	691.8715	4.3533
07:53:40	111.48	3.76	415.63	97.68	58.61	73.67	682.37	12.5855	13.3103	0.1131	5.8822	21.2170	691.8756	4.3533
07:53:41	111.60	3.58	353.60	97.68	57.39	73.43	682.37	12.5855	13.2883	0.1131	5.8830	21.2220	691.8795	4.3534
07:53:42	111.48	3.47	353.11	96.46	58.61	73.43	683.90	12.7448	13.4231	0.1131	5.8838	21.2270	691.8833	4.3534
07:53:43	111.60	3.35	353.11	96.46	57.39	73.43	681.86	12.7448	13.4057	0.1131	5.8846	21.2320	691.8869	4.3534
07:53:44	106.72	3.15	353.11	95.24	56.17	73.43	681.86	12.7448	13.3730	0.1131	5.8855	21.2363	691.8904	4.3535
07:53:45	106.72	3.15	353.11	95.24	56.17	73.43	681.86	12.5855	13.1874	0.1131	5.8863	21.2405	691.8938	4.3535
07:53:46	106.72	3.03	353.60	95.24	57.39	73.43	682.88	12.5855	13.1655	0.1131	5.8871	21.2446	691.8970	4.3535
07:53:47	106.59	2.69	353.60	97.68	58.61	73.43	683.90	12.4262	12.9650	0.1131	5.8878	21.2488	691.9001	4.3536
07:53:48	106.59	2.57	353.60	97.68	56.17	73.19	682.88	12.4262	12.9650	0.1131	5.8886	21.2529	691.9032	4.3536
07:53:49	106.72	2.40	353.11	96.46	56.17	73.43	684.92	12.4262	12.9434	0.1131	5.8893	21.2570	691.9061	4.3536
07:53:50	106.72	2.26	353.60	96.46	56.17	73.19	684.92	12.7448	13.2167	0.1131	5.8901	21.2612	691.9087	4.3536
07:53:51	106.59	2.10	249.57	96.46	56.17	73.19	682.88	12.7448	13.1939	0.1131	5.8909	21.2654	691.9112	4.3537
07:53:52	106.59	2.01	249.57	96.46	61.05	73.19	682.88	12.5855	12.9998	0.1131	5.8916	21.2695	691.9135	4.3537
07:53:53	106.72	1.96	250.06	96.46	58.61	73.19	683.90	12.5855	12.9761	0.1131	5.8924	21.2736	691.9157	4.3537

12-MAY-93 08:05 LACMTA Emissions Testing Facility

Test : RTD MODIFIED COMMUTER PHASE OF ADB CYCLE
Test number : 1072
Test options: Dilute Modal Bag Diesel Auxiliary data Second by Second Data Particulate sampling Smoke meter

TEST TIME (s)	--DILUTE CONCENTRATIONS-- HC (ppm)	CO (ppm)	NOx (ppm)	CO2 (%)	--------MODAL GRAMS-------- HC	CO	NOx	CO2	EXH VOL (Cu.f)	DIL. RATIO	A/F RATIO	DRIV. VIOL. (s)	DIST-ANCE (Mi)	SPEED	FUEL Mpg-US Gal/Hr	SMOKE MTR (%)	----AUXILIARY SIGNALS---- OIL			
0 DL	5.2	4.5	15.9	0.14	0.004	0.007	0.04	3.57	48.38	72.56	22.99	0.0	0.000	0.0	1.27	3.12	196.1	0.0	0.0	0.0
1 DL	5.2	4.5	15.8	0.14	0.004	0.007	0.04	3.57	48.39	72.56	22.99	0.0	0.000	0.0	1.27	3.19	196.1	0.0	0.0	0.0
2 DL	5.2	4.4	15.7	0.14	0.004	0.007	0.04	3.56	48.37	72.59	22.99	0.0	0.000	0.0	1.27	3.13	196.1	0.0	0.0	0.0
3 DL	5.2	4.4	15.7	0.14	0.004	0.007	0.04	3.56	48.37	72.72	23.01	0.0	0.000	0.0	1.27	3.23	196.0	0.0	0.0	0.0
4 DL	5.2	4.5	15.7	0.14	0.004	0.007	0.04	3.55	48.37	72.85	23.02	0.0	0.000	0.0	1.26	3.26	195.9	0.0	0.0	0.0
5 DL	5.2	4.4	15.5	0.14	0.004	0.007	0.04	3.54	48.37	72.97	23.03	0.0	0.000	0.0	1.26	3.16	195.8	0.0	0.0	0.0
6 DL	5.2	4.5	15.7	0.14	0.004	0.007	0.04	3.54	48.37	73.03	23.03	0.0	0.000	0.0	1.26	3.18	195.8	0.0	0.0	0.0
7 DL	5.2	4.6	15.6	0.14	0.004	0.007	0.04	3.54	48.38	73.03	23.03	0.0	0.000	0.0	1.26	3.40	195.8	0.0	0.0	0.0
8 DL	5.2	4.5	15.6	0.14	0.004	0.007	0.04	3.54	48.38	73.03	23.03	0.0	0.000	0.0	1.26	3.41	195.8	0.0	0.0	0.0
9 DL	5.2	4.4	15.6	0.14	0.004	0.007	0.04	3.55	48.38	72.88	23.02	0.0	0.000	0.0	1.26	3.33	195.7	0.0	0.0	0.0
10 DL	5.2	4.4	15.6	0.14	0.004	0.007	0.04	3.55	48.38	72.88	23.02	0.0	0.000	0.0	1.26	3.19	195.7	0.0	0.0	0.0
11 DL	5.3	4.4	15.7	0.14	0.004	0.007	0.04	3.55	48.38	72.91	23.02	0.0	0.000	0.0	1.26	3.30	195.6	0.0	0.0	0.0
12 DL	5.3	4.5	15.6	0.14	0.004	0.007	0.04	3.54	48.38	73.03	23.03	0.0	0.000	0.0	1.26	3.21	195.6	0.0	0.0	0.0
13 DL	5.3	4.4	15.5	0.14	0.004	0.007	0.04	3.54	48.39	73.03	23.03	0.0	0.000	0.0	1.26	3.17	195.6	0.0	0.0	0.0
14 DL	5.3	4.4	15.5	0.14	0.004	0.007	0.04	3.55	48.38	72.88	23.02	0.0	0.000	0.0	1.26	3.21	195.6	0.0	0.0	0.0
15 DL	5.3	4.4	15.5	0.14	0.004	0.007	0.04	3.55	48.38	72.88	23.02	0.0	0.000	0.0	1.26	3.04	195.6	0.0	0.0	0.0
16 DL	5.3	4.2	15.7	0.14	0.004	0.007	0.04	3.55	48.39	72.85	23.02	0.0	0.000	0.0	1.26	3.27	195.6	0.0	0.0	0.0
17 DL	5.4	4.3	15.6	0.14	0.004	0.007	0.04	3.56	48.37	72.69	23.00	0.0	0.000	0.0	1.27	3.19	195.5	0.0	0.0	0.0
18 DL	5.4	4.3	15.5	0.14	0.004	0.007	0.04	3.57	48.38	72.59	22.99	0.0	0.000	0.0	1.27	3.09	195.5	0.0	0.0	0.0
19 DL	5.4	4.3	15.3	0.14	0.004	0.007	0.04	3.56	48.38	72.75	23.01	0.0	0.000	0.0	1.27	3.14	195.5	0.0	0.0	0.0
20 DL	5.5	4.4	15.6	0.14	0.004	0.007	0.04	3.55	48.39	72.81	23.01	0.0	0.000	0.0	1.26	3.27	195.6	0.0	0.0	0.0
21 DL	5.5	4.5	16.0	0.14	0.004	0.007	0.04	3.58	48.38	72.42	22.98	0.0	0.000	0.7	0.49	3.16	195.6	0.0	0.0	0.0
22 DL	5.6	4.9	17.0	0.14	0.004	0.008	0.04	3.63	48.37	71.57	22.90	0.0	0.001	2.6	2.02	3.21	195.6	0.0	0.0	0.0
23 DL	5.8	6.5	20.5	0.15	0.005	0.010	0.05	3.75	48.38	69.69	22.73	0.0	0.001	2.7	2.00	3.60	195.6	0.0	0.0	0.0
24 DL	6.3	12.0	28.4	0.16	0.005	0.019	0.07	4.10	48.37	64.86	22.29	0.0	0.001	4.1	2.75	3.56	195.7	0.0	0.0	0.0
25 DL	7.1	23.8	40.1	0.20	0.006	0.038	0.11	4.97	48.37	55.42	21.48	0.0	0.002	5.7	3.12	6.70	195.7	0.0	0.0	0.0
26 DL	8.3	45.9	52.3	0.26	0.007	0.073	0.14	6.47	48.37	44.18	20.60	0.0	0.002	6.9	2.94	12.10	195.8	0.0	0.0	0.0
27 DL	9.8	81.7	67.2	0.34	0.008	0.130	0.18	8.47	48.37	34.73	19.92	0.0	0.002	8.5	2.74	13.12	195.8	0.0	0.0	0.0
28 DL	11.4	115.8	96.3	0.45	0.009	0.185	0.25	11.28	48.37	26.82	19.38	0.0	0.003	10.4	2.50	15.30	195.9	0.0	0.0	0.0
29 DL	13.2	125.4	136.2	0.61	0.010	0.200	0.36	15.27	48.37	20.33	18.97	0.0	0.003	12.2	2.19	18.51	196.0	0.0	0.0	0.0
30 DL	14.3	119.6	152.8	0.77	0.011	0.191	0.40	19.21	48.34	16.39	18.74	0.0	0.004	15.0	2.16	23.72	196.1	0.0	0.0	0.0
31 DL	15.5	113.7	172.5	0.88	0.012	0.181	0.45	22.10	48.32	14.35	18.62	0.0	0.004	16.0	2.01	16.06	196.3	0.0	0.0	0.0
32 DL	16.7	104.5	194.3	1.00	0.013	0.166	0.51	24.97	48.31	12.80	18.53	0.0	0.005	18.2	2.03	14.70	196.5	0.0	0.0	0.0
33 DL	17.9	93.6	204.1	1.10	0.014	0.149	0.53	27.55	48.30	11.65	18.46	0.0	0.005	19.6	1.99	14.64	196.7	0.0	0.0	0.0
34 DL	18.8	83.2	207.5	1.18	0.015	0.132	0.54	29.64	48.28	10.87	18.42	0.0	0.006	21.4	2.02	13.67	196.7	0.0	0.0	0.0
35 DL	18.8	76.2	187.3	1.23	0.015	0.121	0.49	30.68	48.24	10.51	18.40	0.0	0.006	23.4	2.14	12.48	196.7	0.0	0.0	0.0
36 DL	17.9	80.5	155.5	1.19	0.014	0.128	0.41	29.73	48.23	10.83	18.41	0.0	0.007	23.8	2.24	8.99	196.8	0.0	0.0	0.0
37 DL	16.7	97.2	129.4	1.10	0.013	0.154	0.34	27.55	48.23	11.63	18.46	0.0	0.007	24.3	2.46	6.19	197.0	0.0	0.0	0.0
38 DL	15.5	118.2	111.8	1.02	0.012	0.188	0.29	25.47	48.25	12.52	18.51	0.0	0.007	24.8	2.72	6.50	197.1	0.0	0.0	0.0
39 DL	14.5	141.2	104.5	0.96	0.011	0.225	0.27	23.93	48.24	13.25	18.55	0.0	0.007	25.5	2.96	8.57	197.3	0.0	0.0	0.0
40 DL	13.8	169.9	107.2	0.92	0.011	0.270	0.28	23.05	48.25	13.69	18.57	0.0	0.007	26.3	3.16	11.28	197.4	0.0	0.0	0.0
41 DL	13.3	203.2	119.0	0.92	0.010	0.323	0.31	22.99	48.24	13.67	18.57	0.0	0.008	27.3	3.28	13.59	197.6	0.0	0.0	0.0
42 DL	13.1	215.9	139.7	0.95	0.010	0.343	0.37	23.84	48.24	13.20	18.54	0.0	0.008	28.4	3.29	14.07	197.7	0.0	0.0	0.0
43 DL	13.3	215.9	170.6	1.02	0.010	0.343	0.45	25.55	48.25	12.38	18.49	0.0	0.008	29.7	3.21	12.31	197.8	0.0	0.0	0.0
44 DL	13.8	215.9	203.4	1.11	0.011	0.343	0.53	27.73	48.24	11.45	18.44	0.0	0.009	30.9	3.09	11.04	197.8	0.0	0.0	0.0
45 DL	14.4	215.9	224.4	1.19	0.011	0.343	0.59	29.73	48.23	10.72	18.39	0.0	0.009	32.1	2.99	9.60	197.9	0.0	0.0	0.0

46	DL	15.2	213.3	233.1	1.25	0.012	0.339	0.61	31.16	48.22	10.25	18.37	0.0	0.009	33.1	2.95	8.21	198.0	0.0	0.0	0.0
47	DL	15.9	192.3	237.4	1.29	0.013	0.306	0.62	32.19	48.21	9.95	18.35	0.0	0.009	34.1	2.95	7.50	198.2	0.0	0.0	0.0
48	DL	16.7	169.9	238.7	1.32	0.013	0.270	0.62	33.05	48.20	9.71	18.34	0.0	0.010	35.1	2.96	6.99	198.3	0.0	0.0	0.0
49	DL	17.1	153.1	221.7	1.34	0.013	0.243	0.58	33.47	48.20	9.61	18.34	0.0	0.010	36.1	3.01	6.78	198.4	0.0	0.0	0.0
50	DL	17.0	154.9	200.3	1.31	0.013	0.246	0.52	32.82	48.16	9.78	18.35	0.0	0.010	36.8	3.13	7.14	198.6	0.0	0.0	0.0
51	DL	16.4	177.5	188.3	1.26	0.013	0.282	0.49	31.54	48.16	10.14	18.37	0.0	0.010	37.3	3.29	7.36	198.7	0.0	0.0	0.0
52	DL	15.9	206.8	183.1	1.23	0.012	0.328	0.48	30.81	48.17	10.35	18.37	0.0	0.011	38.1	3.43	8.42	198.8	0.0	0.0	0.0
53	DL	15.4	215.9	187.5	1.23	0.012	0.343	0.49	30.75	48.17	10.36	18.37	0.0	0.011	38.8	3.50	13.27	198.9	0.0	0.0	0.0
54	DL	15.1	215.9	193.7	1.25	0.012	0.343	0.51	31.12	48.17	10.25	18.37	0.0	0.011	39.6	3.53	12.93	199.0	0.0	0.0	0.0
55	DL	15.0	215.9	197.6	1.26	0.012	0.343	0.52	31.51	48.17	10.13	18.36	0.0	0.011	40.3	3.55	10.74	199.1	0.0	0.0	0.0
56	DL	14.9	215.9	196.1	1.27	0.012	0.343	0.51	31.67	48.17	10.08	18.36	0.0	0.011	40.9	3.59	8.52	199.3	0.0	0.0	0.0
57	DL	14.9	214.5	185.3	1.26	0.012	0.341	0.48	31.41	48.16	10.16	18.36	0.0	0.011	41.4	3.66	6.81	199.5	0.0	0.0	0.0
58	DL	15.0	205.8	176.9	1.23	0.012	0.327	0.46	30.78	48.17	10.36	18.38	0.0	0.012	41.9	3.78	5.89	199.6	0.0	0.0	0.0
59	DL	15.1	198.5	175.8	1.21	0.012	0.315	0.46	30.25	48.17	10.54	18.39	0.0	0.012	42.5	3.90	5.64	199.6	0.0	0.0	0.0
60	DL	15.2	191.8	177.2	1.20	0.012	0.304	0.46	29.95	48.17	10.65	18.39	0.0	0.012	43.0	3.99	5.92	199.6	0.0	0.0	0.0
61	DL	15.5	184.8	179.3	1.19	0.012	0.293	0.47	29.78	48.16	10.71	18.40	0.0	0.012	43.6	4.07	6.40	199.8	0.0	0.0	0.0
62	DL	15.7	177.0	181.7	1.19	0.012	0.281	0.47	29.72	48.16	10.74	18.40	0.0	0.012	44.1	4.13	6.03	199.9	0.0	0.0	0.0
63	DL	16.0	168.7	181.4	1.19	0.013	0.268	0.47	29.69	48.16	10.75	18.40	0.0	0.012	44.6	4.18	5.67	200.0	0.0	0.0	0.0
64	DL	16.4	161.5	180.9	1.19	0.013	0.256	0.47	29.62	48.16	10.78	18.40	0.0	0.013	45.1	4.24	5.06	200.1	0.0	0.0	0.0
65	DL	16.6	154.2	181.3	1.18	0.013	0.245	0.47	29.56	48.16	10.81	18.41	0.0	0.013	45.6	4.30	4.74	200.3	0.0	0.0	0.0
66	DL	16.9	146.8	181.3	1.18	0.013	0.233	0.47	29.54	48.16	10.82	18.41	0.0	0.013	46.0	4.35	4.72	200.4	0.0	0.0	0.0
67	DL	17.1	139.4	186.1	1.19	0.013	0.221	0.49	29.60	48.15	10.81	18.41	0.0	0.013	46.6	4.39	4.58	200.4	0.0	0.0	0.0
68	DL	17.4	129.5	188.0	1.19	0.014	0.205	0.49	29.76	48.15	10.76	18.41	0.0	0.013	47.1	4.42	4.54	200.3	0.0	0.0	0.0
69	DL	17.7	118.6	179.4	1.20	0.014	0.188	0.47	29.82	48.14	10.74	18.41	0.0	0.013	47.5	4.45	4.48	200.3	0.0	0.0	0.0
70	DL	17.9	111.1	169.3	1.19	0.014	0.176	0.44	29.57	48.14	10.84	18.41	0.0	0.013	47.8	4.52	4.06	200.3	0.0	0.0	0.0
71	DL	18.2	105.2	166.3	1.17	0.014	0.167	0.43	29.26	48.13	10.95	18.42	0.0	0.013	48.2	4.61	3.99	200.3	0.0	0.0	0.0
72	DL	18.4	97.6	163.4	1.17	0.014	0.155	0.43	29.07	48.14	11.03	18.42	0.0	0.013	48.6	4.68	4.03	200.5	0.0	0.0	0.0
73	DL	18.5	87.7	149.7	1.15	0.015	0.139	0.39	28.80	48.13	11.13	18.43	0.0	0.014	48.9	4.76	3.93	200.5	0.0	0.0	0.0
74	DL	18.4	75.7	122.7	1.12	0.014	0.120	0.32	28.04	48.12	11.43	18.45	0.0	0.014	49.0	4.90	3.67	200.5	0.0	0.0	0.0
75	DL	18.4	66.1	98.9	1.06	0.014	0.105	0.26	26.45	48.12	12.10	18.49	0.0	0.014	48.8	5.18	3.11	200.6	0.0	0.0	0.0
76	DL	18.9	64.4	95.8	0.99	0.015	0.102	0.25	24.58	48.12	12.98	18.54	0.0	0.014	48.9	5.58	2.81	200.7	0.0	0.0	0.0
77	DL	19.4	67.6	107.4	0.95	0.015	0.107	0.28	23.59	48.13	13.49	18.57	0.0	0.014	49.3	5.85	3.98	200.9	0.0	0.0	0.0
78	DL	19.8	69.1	120.0	0.95	0.016	0.110	0.31	23.61	48.13	13.48	18.57	0.0	0.014	49.6	5.89	4.72	201.0	0.0	0.0	0.0
79	DL	20.0	67.8	124.6	0.96	0.016	0.108	0.33	24.03	48.14	13.26	18.56	0.0	0.014	49.8	5.81	4.25	201.2	0.0	0.0	0.0
80	DL	20.1	66.5	128.6	0.98	0.016	0.106	0.34	24.38	48.13	13.07	18.55	0.0	0.014	50.1	5.76	3.83	201.3	0.0	0.0	0.0
81	DL	20.3	65.1	135.2	0.99	0.016	0.103	0.35	24.77	48.12	12.88	18.54	0.0	0.014	50.4	5.71	3.70	201.5	0.0	0.0	0.0
82	DL	20.4	61.9	136.4	1.01	0.016	0.098	0.36	25.22	48.13	12.67	18.53	0.0	0.014	50.7	5.64	3.83	201.6	0.0	0.0	0.0
83	DL	20.4	56.1	123.9	1.02	0.016	0.089	0.32	25.44	48.11	12.56	18.52	0.0	0.014	50.9	5.62	3.64	201.8	0.0	0.0	0.0
84	DL	20.3	49.3	101.8	1.00	0.016	0.078	0.27	24.95	48.10	12.81	18.54	0.0	0.014	50.8	5.72	3.22	201.9	0.0	0.0	0.0
85	DL	20.4	45.0	92.2	0.95	0.016	0.071	0.24	23.76	48.11	13.42	18.57	0.0	0.014	50.8	6.00	2.64	202.1	0.0	0.0	0.0
86	DL	20.7	44.5	94.3	0.91	0.016	0.071	0.25	22.72	48.12	14.01	18.61	0.0	0.014	50.9	6.29	2.86	202.3	0.0	0.0	0.0
87	DL	21.2	45.4	99.8	0.89	0.017	0.072	0.26	22.28	48.12	14.27	18.62	0.0	0.014	51.1	6.44	3.60	202.6	0.0	0.0	0.0
88	DL	21.5	45.7	104.7	0.89	0.017	0.072	0.27	22.31	48.13	14.25	18.62	0.0	0.014	51.3	6.46	4.01	202.8	0.0	0.0	0.0
89	DL	21.7	44.7	106.3	0.90	0.017	0.071	0.28	22.48	48.12	14.15	18.62	0.0	0.014	51.5	6.43	3.91	202.9	0.0	0.0	0.0
90	DL	21.8	42.5	103.9	0.91	0.017	0.067	0.27	22.58	48.11	14.09	18.61	0.0	0.014	51.6	6.42	3.86	203.1	0.0	0.0	0.0
91	DL	21.8	39.7	99.6	0.90	0.017	0.063	0.26	22.47	48.11	14.16	18.62	0.0	0.014	51.7	6.46	3.43	203.3	0.0	0.0	0.0
92	DL	22.0	37.4	95.8	0.89	0.017	0.059	0.25	22.16	48.11	14.35	18.63	0.0	0.014	51.8	6.56	3.04	203.5	0.0	0.0	0.0
93	DL	22.1	36.0	94.1	0.87	0.017	0.057	0.25	21.79	48.11	14.58	18.64	0.0	0.014	51.8	6.68	2.90	203.7	0.0	0.0	0.0
94	DL	22.3	35.4	93.9	0.86	0.018	0.056	0.24	21.53	48.11	14.75	18.65	0.0	0.014	51.9	6.78	2.89	203.9	0.0	0.0	0.0
95	DL	22.6	35.1	94.7	0.86	0.018	0.056	0.25	21.38	48.11	14.85	18.66	0.0	0.014	52.1	6.84	2.98	204.1	0.0	0.0	0.0
96	DL	22.7	34.4	95.1	0.85	0.018	0.055	0.25	21.31	48.11	14.89	18.66	0.0	0.014	52.2	6.88	3.10	204.3	0.0	0.0	0.0
97	DL	22.9	33.2	92.5	0.85	0.018	0.053	0.24	21.24	48.12	14.94	18.67	0.0	0.015	52.2	6.91	3.04	204.5	0.0	0.0	0.0
98	DL	23.0	32.8	91.6	0.84	0.018	0.052	0.24	21.07	48.12	15.06	18.67	0.0	0.015	52.2	6.96	2.80	204.7	0.0	0.0	0.0
99	DL	23.3	33.6	93.5	0.84	0.018	0.053	0.24	20.91	48.11	15.17	18.68	0.0	0.015	52.3	7.03	2.78	204.8	0.0	0.0	0.0
100	DL	23.6	34.9	97.7	0.84	0.019	0.055	0.25	20.98	48.11	15.11	18.68	0.0	0.015	52.5	7.02	3.17	205.0	0.0	0.0	0.0
101	DL	23.8	35.3	101.2	0.85	0.019	0.056	0.26	21.25	48.11	14.93	18.66	0.0	0.015	52.6	6.96	3.49	205.1	0.0	0.0	0.0
102	DL	23.9	34.7	100.9	0.87	0.019	0.055	0.26	21.57	48.12	14.72	18.65	0.0	0.015	52.8	6.87	3.43	205.3	0.0	0.0	0.0
103	DL	24.0	34.4	98.8	0.87	0.019	0.055	0.26	21.70	48.10	14.64	18.65	0.0	0.015	52.8	6.83	3.16	205.5	0.0	0.0	0.0
104	DL	24.1	34.9	100.9	0.87	0.019	0.055	0.26	21.71	48.11	14.63	18.65	0.0	0.015	52.9	6.85	3.12	205.7	0.0	0.0	0.0

105 DL	24.2	35.2	102.7	0.88	0.019	0.056	0.27	21.87	48.11	14.53	18.64	0.0	0.015	53.1	6.81	3.41	205.9	0.0	0.0	0.0
106 DL	24.3	35.3	103.1	0.89	0.019	0.056	0.27	22.06	48.10	14.41	18.63	0.0	0.015	53.1	6.77	3.40	206.0	0.0	0.0	0.0
107 DL	24.4	34.6	102.7	0.89	0.019	0.055	0.27	22.19	48.10	14.33	18.63	0.0	0.015	53.3	6.75	3.45	206.2	0.0	0.0	0.0
108 DL	24.4	33.4	100.2	0.89	0.019	0.053	0.26	22.20	48.10	14.32	18.63	0.0	0.015	53.3	6.75	3.36	206.4	0.0	0.0	0.0
109 DL	24.5	33.1	99.1	0.89	0.019	0.052	0.26	22.08	48.10	14.40	18.63	0.0	0.015	53.4	6.79	3.07	206.5	0.0	0.0	0.0
110 DL	24.7	33.2	101.6	0.88	0.019	0.053	0.26	22.02	48.09	14.43	18.63	0.0	0.015	53.5	6.83	3.09	206.6	0.0	0.0	0.0
111 DL	24.9	33.1	102.5	0.89	0.020	0.052	0.27	22.15	48.10	14.35	18.63	0.0	0.015	53.7	6.81	3.38	206.6	0.0	0.0	0.0
112 DL	25.0	32.6	102.4	0.89	0.020	0.052	0.27	22.30	48.09	14.26	18.62	0.0	0.015	53.8	6.77	3.23	206.6	0.0	0.0	0.0
113 DL	25.1	32.0	100.7	0.90	0.020	0.051	0.26	22.41	48.08	14.20	18.62	0.0	0.015	53.8	6.76	3.29	206.6	0.0	0.0	0.0
114 DL	25.0	31.5	98.5	0.90	0.020	0.050	0.26	22.37	48.08	14.21	18.62	0.0	0.015	53.9	6.77	3.11	206.7	0.0	0.0	0.0
115 DL	25.1	31.9	99.5	0.89	0.020	0.050	0.26	22.29	48.09	14.26	18.62	0.0	0.015	54.0	6.81	3.07	206.7	0.0	0.0	0.0
116 DL	25.3	31.8	102.1	0.90	0.020	0.050	0.27	22.37	48.09	14.22	18.62	0.0	0.015	54.2	6.81	3.38	206.7	0.0	0.0	0.0
117 DL	25.2	30.4	98.3	0.90	0.020	0.048	0.26	22.50	48.08	14.14	18.62	0.0	0.015	54.3	6.78	3.53	206.7	0.0	0.0	0.0
118 DL	25.0	28.4	89.3	0.89	0.020	0.045	0.23	22.28	48.07	14.27	18.63	0.0	0.015	54.2	6.84	3.21	206.8	0.0	0.0	0.0
119 DL	25.1	27.7	85.1	0.87	0.020	0.044	0.22	21.69	48.07	14.64	18.65	0.0	0.015	54.1	7.01	2.80	206.9	0.0	0.0	0.0
120 DL	25.4	29.3	91.3	0.85	0.020	0.046	0.24	21.26	48.08	14.93	18.67	0.0	0.015	54.2	7.17	2.70	207.0	0.0	0.0	0.0
121 DL	25.8	31.5	101.5	0.86	0.020	0.050	0.26	21.43	48.08	14.81	18.66	0.0	0.015	54.5	7.14	3.33	207.1	0.0	0.0	0.0
122 DL	25.9	31.8	103.2	0.89	0.020	0.050	0.27	22.05	48.08	14.41	18.63	0.0	0.015	54.7	6.96	3.83	207.1	0.0	0.0	0.0
123 DL	25.8	30.7	95.4	0.90	0.020	0.049	0.25	22.37	48.07	14.21	18.62	0.0	0.015	54.5	6.86	3.61	207.2	0.0	0.0	0.0
124 DL	25.8	29.6	93.2	0.89	0.020	0.047	0.24	22.24	48.07	14.30	18.63	0.0	0.015	54.6	6.90	3.07	207.3	0.0	0.0	0.0
125 DL	25.8	28.0	89.0	0.89	0.020	0.044	0.23	22.07	48.08	14.40	18.63	0.0	0.015	54.8	6.97	3.33	207.5	0.0	0.0	0.0
126 DL	25.8	27.2	83.1	0.87	0.020	0.043	0.22	21.65	48.07	14.67	18.65	0.0	0.015	54.6	7.08	2.98	207.6	0.0	0.0	0.0
127 DL	26.0	27.5	87.2	0.85	0.020	0.044	0.23	21.21	48.07	14.95	18.67	0.0	0.015	54.7	7.24	2.79	207.8	0.0	0.0	0.0
128 DL	26.2	27.5	91.5	0.85	0.021	0.044	0.24	21.22	48.07	14.95	18.67	0.0	0.015	54.8	7.26	3.20	207.9	0.0	0.0	0.0
129 DL	26.2	26.7	88.5	0.86	0.021	0.042	0.23	21.32	48.07	14.88	18.66	0.0	0.015	54.8	7.23	3.31	208.1	0.0	0.0	0.0
130 DL	26.1	25.8	85.3	0.85	0.021	0.041	0.22	21.17	48.06	14.98	18.67	0.0	0.015	54.7	7.27	2.81	208.3	0.0	0.0	0.0
131 DL	26.2	25.8	87.3	0.84	0.021	0.041	0.23	20.96	48.07	15.13	18.68	0.0	0.015	54.8	7.35	2.70	208.5	0.0	0.0	0.0
132 DL	26.4	26.2	90.5	0.84	0.021	0.042	0.24	20.98	48.07	15.11	18.68	0.0	0.015	54.9	7.35	2.90	208.7	0.0	0.0	0.0
133 DL	26.6	26.6	93.1	0.85	0.021	0.042	0.24	21.18	48.08	14.98	18.67	0.0	0.015	55.0	7.30	3.17	208.8	0.0	0.0	0.0
134 DL	26.7	26.5	93.2	0.86	0.021	0.042	0.24	21.38	48.08	14.84	18.66	0.0	0.015	55.1	7.24	3.27	208.9	0.0	0.0	0.0
135 DL	26.7	25.8	90.9	0.86	0.021	0.041	0.24	21.45	48.07	14.80	18.66	0.0	0.015	55.0	7.21	3.16	209.1	0.0	0.0	0.0
136 DL	26.6	24.8	87.5	0.86	0.021	0.039	0.23	21.35	48.06	14.86	18.66	0.0	0.015	55.1	7.26	2.91	209.3	0.0	0.0	0.0
137 DL	26.6	23.8	81.4	0.85	0.021	0.038	0.21	21.08	48.06	15.04	18.67	0.0	0.015	55.1	7.34	2.77	209.5	0.0	0.0	0.0
138 DL	26.7	23.1	77.6	0.83	0.021	0.037	0.20	20.61	48.06	15.37	18.69	0.0	0.015	55.0	7.50	2.60	209.6	0.0	0.0	0.0
139 DL	26.9	23.0	78.6	0.81	0.021	0.036	0.20	20.16	48.06	15.70	18.71	0.0	0.015	55.0	7.67	2.65	209.8	0.0	0.0	0.0
140 DL	27.0	22.8	79.4	0.80	0.021	0.036	0.21	19.94	48.07	15.86	18.72	0.0	0.015	55.0	7.76	2.78	209.9	0.0	0.0	0.0
141 DL	27.1	22.5	76.9	0.79	0.021	0.036	0.20	19.77	48.07	15.99	18.73	0.0	0.015	54.9	7.81	2.71	210.1	0.0	0.0	0.0
142 DL	27.2	22.6	76.9	0.78	0.021	0.036	0.20	19.52	48.07	16.18	18.74	0.0	0.015	54.9	7.90	2.65	210.3	0.0	0.0	0.0
143 DL	27.4	23.1	80.5	0.78	0.022	0.037	0.21	19.41	48.06	16.27	18.75	0.0	0.015	54.9	7.96	2.75	210.4	0.0	0.0	0.0
144 DL	27.5	23.9	85.3	0.78	0.022	0.038	0.22	19.55	48.07	16.16	18.74	0.0	0.015	55.0	7.90	2.83	210.6	0.0	0.0	0.0
145 DL	27.6	24.4	89.7	0.80	0.022	0.039	0.23	19.87	48.07	15.91	18.73	0.0	0.015	55.1	7.79	2.93	210.7	0.0	0.0	0.0
146 DL	27.5	24.0	88.5	0.81	0.022	0.038	0.23	20.24	48.07	15.64	18.71	0.0	0.015	55.1	7.66	3.19	210.8	0.0	0.0	0.0
147 DL	27.4	23.1	83.2	0.82	0.021	0.037	0.22	20.32	48.06	15.57	18.71	0.0	0.015	55.0	7.62	2.96	211.0	0.0	0.0	0.0
148 DL	27.3	22.5	79.3	0.81	0.021	0.036	0.21	20.10	48.05	15.74	18.72	0.0	0.015	55.0	7.69	2.68	211.1	0.0	0.0	0.0
149 DL	27.4	22.3	79.6	0.80	0.022	0.035	0.21	19.81	48.06	15.96	18.73	0.0	0.015	55.0	7.81	2.59	211.2	0.0	0.0	0.0
150 DL	27.5	22.4	81.9	0.79	0.022	0.035	0.21	19.69	48.07	16.05	18.73	0.0	0.015	55.0	7.86	2.74	211.3	0.0	0.0	0.0
151 DL	27.5	22.4	83.2	0.79	0.022	0.036	0.22	19.72	48.06	16.02	18.73	0.0	0.015	55.0	7.85	2.88	211.3	0.0	0.0	0.0
152 DL	27.4	22.6	84.2	0.80	0.022	0.036	0.22	19.81	48.06	15.96	18.73	0.0	0.015	55.1	7.81	2.83	211.4	0.0	0.0	0.0
153 DL	27.4	22.8	86.0	0.80	0.022	0.036	0.22	19.96	48.06	15.84	18.72	0.0	0.015	55.1	7.76	2.81	211.5	0.0	0.0	0.0
154 DL	27.4	22.8	86.3	0.81	0.021	0.036	0.22	20.16	48.07	15.70	18.71	0.0	0.015	55.2	7.69	2.96	211.6	0.0	0.0	0.0
155 DL	27.4	22.6	84.9	0.81	0.021	0.036	0.22	20.29	48.06	15.60	18.71	0.0	0.015	55.1	7.64	2.99	211.6	0.0	0.0	0.0
156 DL	27.4	22.3	82.5	0.81	0.022	0.035	0.21	20.29	48.06	15.60	18.71	0.0	0.015	55.1	7.64	2.94	211.6	0.0	0.0	0.0
157 DL	27.5	21.9	80.0	0.81	0.022	0.035	0.21	20.19	48.05	15.67	18.71	0.0	0.015	55.1	7.68	2.92	211.6	0.0	0.0	0.0
158 DL	27.6	21.6	78.0	0.80	0.022	0.034	0.20	20.03	48.06	15.79	18.72	0.0	0.015	55.1	7.74	2.84	211.5	0.0	0.0	0.0
159 DL	27.7	21.5	78.1	0.80	0.022	0.034	0.20	19.82	48.06	15.95	18.73	0.0	0.015	55.1	7.82	2.80	211.5	0.0	0.0	0.0
160 DL	27.8	21.5	80.4	0.79	0.022	0.034	0.21	19.75	48.06	16.01	18.73	0.0	0.015	55.1	7.85	2.85	211.5	0.0	0.0	0.0
161 DL	27.7	21.4	80.8	0.80	0.022	0.034	0.21	19.82	48.05	15.95	18.73	0.0	0.015	55.1	7.82	2.82	211.6	0.0	0.0	0.0
162 DL	27.7	21.3	79.1	0.80	0.022	0.034	0.21	19.86	48.06	15.92	18.73	0.0	0.015	55.1	7.80	2.95	211.6	0.0	0.0	0.0
163 DL	27.7	21.4	78.7	0.80	0.022	0.034	0.20	19.81	48.06	15.95	18.73	0.0	0.015	55.1	7.82	2.90	211.6	0.0	0.0	0.0

164	DL	27.7	21.4	79.7	0.79	0.022	0.034	0.21	19.78	48.06	15.98	18.73	0.0	0.015	55.1	7.83	2.90	211.6	0.0	0.0	0.0
165	DL	27.7	21.3	78.7	0.79	0.022	0.034	0.20	19.78	48.05	15.98	18.73	0.0	0.015	55.1	7.84	3.00	211.7	0.0	0.0	0.0
166	DL	27.7	20.9	75.1	0.79	0.022	0.033	0.20	19.69	48.05	16.05	18.73	0.0	0.015	55.1	7.87	2.94	211.8	0.0	0.0	0.0
167	DL	27.7	20.6	72.6	0.78	0.022	0.033	0.19	19.46	48.05	16.23	18.75	0.0	0.015	55.0	7.95	2.83	211.8	0.0	0.0	0.0
168	DL	27.7	20.6	72.4	0.77	0.022	0.033	0.19	19.20	48.06	16.44	18.76	0.0	0.015	55.0	8.05	2.80	211.8	0.0	0.0	0.0
169	DL	27.8	20.8	75.8	0.77	0.022	0.033	0.20	19.08	48.06	16.53	18.76	0.0	0.015	55.0	8.10	2.84	211.9	0.0	0.0	0.0
170	DL	27.7	21.1	77.6	0.77	0.022	0.033	0.20	19.15	48.05	16.47	18.76	0.0	0.015	55.0	8.07	2.96	212.1	0.0	0.0	0.0
171	DL	27.7	21.4	79.4	0.78	0.022	0.034	0.21	19.30	48.06	16.35	18.75	0.0	0.015	55.0	8.01	2.94	212.3	0.0	0.0	0.0
172	DL	27.7	21.7	81.1	0.78	0.022	0.034	0.21	19.50	48.05	16.19	18.74	0.0	0.015	55.1	7.94	3.02	212.4	0.0	0.0	0.0
173	DL	27.6	21.6	80.9	0.79	0.022	0.034	0.21	19.69	48.04	16.04	18.73	0.0	0.015	55.1	7.87	3.12	212.6	0.0	0.0	0.0
174	DL	27.5	21.5	78.4	0.79	0.022	0.034	0.20	19.74	48.05	16.01	18.73	0.0	0.015	55.0	7.84	3.06	212.7	0.0	0.0	0.0
175	DL	27.6	21.5	78.0	0.79	0.022	0.034	0.20	19.67	48.05	16.06	18.74	0.0	0.015	55.0	7.87	2.94	212.8	0.0	0.0	0.0
176	DL	27.7	21.6	79.9	0.79	0.022	0.034	0.21	19.65	48.05	16.08	18.74	0.0	0.015	55.1	7.88	3.02	212.9	0.0	0.0	0.0
177	DL	27.7	21.6	80.3	0.79	0.022	0.034	0.21	19.72	48.05	16.03	18.73	0.0	0.015	55.1	7.86	3.02	213.1	0.0	0.0	0.0
178	DL	27.6	21.4	78.8	0.79	0.022	0.034	0.21	19.73	48.05	16.01	18.73	0.0	0.015	55.1	7.85	2.96	213.3	0.0	0.0	0.0
179	DL	27.6	21.2	78.3	0.79	0.022	0.034	0.20	19.65	48.05	16.08	18.74	0.0	0.015	55.0	7.88	2.92	213.4	0.0	0.0	0.0
180	DL	27.6	21.2	78.8	0.79	0.022	0.034	0.20	19.56	48.05	16.15	18.74	0.0	0.015	55.1	7.91	2.89	213.6	0.0	0.0	0.0
181	DL	27.7	21.2	79.5	0.78	0.022	0.034	0.21	19.53	48.05	16.17	18.74	0.0	0.015	55.0	7.92	2.96	213.7	0.0	0.0	0.0
182	DL	27.6	21.1	79.9	0.79	0.022	0.033	0.21	19.55	48.05	16.16	18.74	0.0	0.015	55.1	7.92	2.95	213.8	0.0	0.0	0.0
183	DL	27.6	21.0	79.4	0.79	0.022	0.033	0.21	19.55	48.05	16.16	18.74	0.0	0.015	55.1	7.92	2.98	214.0	0.0	0.0	0.0
184	DL	27.6	21.2	78.2	0.78	0.022	0.034	0.20	19.51	48.05	16.19	18.74	0.0	0.015	55.1	7.93	2.87	214.2	0.0	0.0	0.0
185	DL	27.6	21.3	78.0	0.78	0.022	0.034	0.20	19.46	48.05	16.23	18.75	0.0	0.015	55.0	7.95	2.99	214.3	0.0	0.0	0.0
186	DL	27.7	21.2	77.7	0.78	0.022	0.034	0.20	19.40	48.04	16.27	18.75	0.0	0.015	55.0	7.97	3.03	214.4	0.0	0.0	0.0
187	DL	27.7	21.1	77.1	0.78	0.022	0.033	0.20	19.35	48.04	16.31	18.75	0.0	0.015	55.0	7.99	2.93	214.5	0.0	0.0	0.0
188	DL	27.8	21.1	76.1	0.77	0.022	0.033	0.20	19.29	48.04	16.36	18.75	0.0	0.015	55.0	8.02	2.91	214.6	0.0	0.0	0.0
189	DL	27.8	21.0	75.8	0.77	0.022	0.033	0.20	19.21	48.05	16.43	18.76	0.0	0.015	55.0	8.05	3.03	214.8	0.0	0.0	0.0
190	DL	27.8	20.9	75.8	0.77	0.022	0.033	0.20	19.13	48.05	16.49	18.76	0.0	0.015	55.0	8.08	3.00	214.9	0.0	0.0	0.0
191	DL	27.9	21.0	75.7	0.77	0.022	0.033	0.20	19.07	48.04	16.54	18.76	0.0	0.015	55.0	8.10	3.01	215.0	0.0	0.0	0.0
192	DL	28.0	21.2	76.2	0.76	0.022	0.034	0.20	19.03	48.04	16.57	18.77	0.0	0.015	55.0	8.12	3.12	215.1	0.0	0.0	0.0
193	DL	28.0	21.4	77.4	0.76	0.022	0.034	0.20	19.04	48.04	16.56	18.77	0.0	0.015	55.0	8.11	3.13	215.2	0.0	0.0	0.0
194	DL	28.0	21.6	79.1	0.77	0.022	0.034	0.21	19.11	48.04	16.51	18.76	0.0	0.015	55.0	8.09	3.01	215.2	0.0	0.0	0.0
195	DL	28.0	21.7	80.1	0.77	0.022	0.034	0.21	19.22	48.05	16.41	18.76	0.0	0.015	55.0	8.04	2.98	215.2	0.0	0.0	0.0
196	DL	28.0	21.9	80.8	0.78	0.022	0.035	0.21	19.33	48.05	16.33	18.75	0.0	0.015	55.0	8.00	2.99	215.3	0.0	0.0	0.0
197	DL	27.9	21.9	81.6	0.78	0.022	0.035	0.21	19.45	48.04	16.23	18.75	0.0	0.015	55.0	7.95	3.02	215.3	0.0	0.0	0.0
198	DL	27.8	22.0	82.3	0.79	0.022	0.035	0.21	19.56	48.03	16.14	18.74	0.0	0.015	55.0	7.91	3.06	215.3	0.0	0.0	0.0
199	DL	27.7	22.2	83.1	0.79	0.022	0.035	0.22	19.65	48.04	16.07	18.74	0.0	0.015	55.1	7.87	3.03	215.4	0.0	0.0	0.0
200	DL	27.7	22.4	83.1	0.79	0.022	0.035	0.22	19.77	48.04	15.98	18.73	0.0	0.015	55.1	7.83	3.37	215.4	0.0	0.0	0.0
201	DL	27.7	22.4	81.4	0.80	0.022	0.035	0.21	19.83	48.04	15.94	18.73	0.0	0.015	55.1	7.81	3.35	215.4	0.0	0.0	0.0
202	DL	27.6	22.3	80.4	0.80	0.022	0.035	0.21	19.80	48.04	15.96	18.73	0.0	0.015	55.1	7.82	3.11	215.3	0.0	0.0	0.0
203	DL	27.6	22.3	81.9	0.80	0.022	0.035	0.21	19.79	48.04	15.96	18.73	0.0	0.015	55.1	7.82	3.15	215.4	0.0	0.0	0.0
204	DL	27.6	22.4	83.8	0.80	0.022	0.035	0.22	19.88	48.04	15.89	18.73	0.0	0.015	55.1	7.80	3.14	215.3	0.0	0.0	0.0
205	DL	27.6	22.4	84.5	0.80	0.022	0.035	0.22	20.03	48.04	15.78	18.72	0.0	0.015	55.2	7.74	3.20	215.3	0.0	0.0	0.0
206	DL	27.6	22.3	84.2	0.81	0.022	0.035	0.22	20.17	48.03	15.68	18.71	0.0	0.015	55.2	7.69	3.23	215.3	0.0	0.0	0.0
207	DL	27.6	22.1	82.7	0.81	0.022	0.035	0.22	20.24	48.03	15.63	18.71	0.0	0.015	55.2	7.67	3.16	215.3	0.0	0.0	0.0
208	DL	27.7	21.7	80.8	0.81	0.022	0.034	0.21	20.23	48.02	15.63	18.71	0.0	0.015	55.2	7.67	3.12	215.3	0.0	0.0	0.0
209	DL	27.7	21.2	77.9	0.81	0.022	0.034	0.20	20.09	48.02	15.74	18.72	0.0	0.015	55.2	7.72	3.04	215.3	0.0	0.0	0.0
210	DL	27.8	20.7	73.7	0.80	0.022	0.033	0.19	19.81	48.03	15.95	18.73	0.0	0.015	55.1	7.82	3.02	215.4	0.0	0.0	0.0
211	DL	27.9	20.4	71.0	0.78	0.022	0.032	0.18	19.42	48.04	16.26	18.75	0.0	0.015	55.1	7.97	2.90	215.4	0.0	0.0	0.0
212	DL	28.1	20.6	70.4	0.77	0.022	0.033	0.18	19.06	48.03	16.54	18.76	0.0	0.015	55.0	8.11	3.01	215.5	0.0	0.0	0.0
213	DL	28.3	20.9	73.6	0.76	0.022	0.033	0.19	18.86	48.03	16.71	18.77	0.0	0.015	55.0	8.20	3.05	215.5	0.0	0.0	0.0
214	DL	28.4	21.3	77.7	0.76	0.022	0.034	0.20	18.91	48.04	16.67	18.77	0.0	0.015	55.0	8.18	3.16	215.6	0.0	0.0	0.0
215	DL	28.4	21.3	78.6	0.77	0.022	0.034	0.20	19.10	48.03	16.51	18.76	0.0	0.015	55.1	8.11	3.16	215.8	0.0	0.0	0.0
216	DL	28.2	20.8	76.3	0.77	0.022	0.033	0.20	19.23	48.03	16.41	18.76	0.0	0.015	55.1	8.05	3.12	215.9	0.0	0.0	0.0
217	DL	28.1	20.3	72.1	0.77	0.022	0.032	0.19	19.15	48.02	16.47	18.76	0.0	0.015	55.0	8.08	3.02	216.0	0.0	0.0	0.0
218	DL	28.2	19.9	69.5	0.76	0.022	0.032	0.18	18.89	48.03	16.68	18.77	0.0	0.015	54.9	8.17	2.97	216.1	0.0	0.0	0.0
219	DL	28.3	19.8	69.9	0.75	0.022	0.031	0.18	18.65	48.03	16.89	18.79	0.0	0.015	54.9	8.28	3.00	216.2	0.0	0.0	0.0
220	DL	28.4	19.9	71.3	0.74	0.022	0.032	0.19	18.53	48.03	16.98	18.79	0.0	0.015	54.9	8.33	3.07	216.3	0.0	0.0	0.0
221	DL	28.5	20.1	73.0	0.74	0.022	0.032	0.19	18.54	48.03	16.98	18.79	0.0	0.015	54.9	8.32	3.09	216.5	0.0	0.0	0.0
222	DL	28.5	20.5	74.4	0.75	0.022	0.032	0.19	18.61	48.03	16.92	18.79	0.0	0.015	54.9	8.29	3.13	216.6	0.0	0.0	0.0

223	DL	28.5	20.7	76.3	0.75	0.022	0.033	0.20	18.75	48.03	16.80	18.78	0.0	0.015	54.9	8.23	3.15	216.7	0.0	0.0	0.0
224	DL	28.5	20.9	77.8	0.76	0.022	0.033	0.20	18.92	48.03	16.66	18.77	0.0	0.015	54.9	8.16	3.16	216.8	0.0	0.0	0.0
225	DL	28.5	21.3	79.2	0.77	0.022	0.034	0.21	19.12	48.04	16.50	18.76	0.0	0.015	54.9	8.08	3.14	217.0	0.0	0.0	0.0
226	DL	28.4	21.5	80.5	0.78	0.022	0.034	0.21	19.31	48.03	16.34	18.75	0.0	0.015	55.0	8.00	3.07	217.2	0.0	0.0	0.0
227	DL	28.4	21.5	82.2	0.78	0.022	0.034	0.21	19.51	48.02	16.18	18.74	0.0	0.015	55.0	7.93	3.17	217.3	0.0	0.0	0.0
228	DL	28.4	21.3	81.3	0.79	0.022	0.034	0.21	19.69	48.03	16.04	18.73	0.0	0.015	55.0	7.86	3.17	217.4	0.0	0.0	0.0
229	DL	28.3	21.2	79.6	0.79	0.022	0.033	0.21	19.74	48.02	16.00	18.73	0.0	0.015	55.0	7.83	3.13	217.5	0.0	0.0	0.0
230	DL	28.3	21.0	79.7	0.79	0.022	0.033	0.21	19.71	48.03	16.02	18.73	0.0	0.015	55.0	7.84	3.07	217.6	0.0	0.0	0.0
231	DL	28.4	21.0	80.4	0.79	0.022	0.033	0.21	19.70	48.03	16.03	18.73	0.0	0.015	55.0	7.85	3.03	217.6	0.0	0.0	0.0
232	DL	28.4	21.1	82.1	0.79	0.022	0.033	0.21	19.75	48.03	15.99	18.73	0.0	0.015	55.1	7.83	3.04	217.7	0.0	0.0	0.0
233	DL	28.4	21.1	81.5	0.80	0.022	0.033	0.21	19.83	48.03	15.93	18.73	0.0	0.015	55.1	7.81	3.03	217.8	0.0	0.0	0.0
234	DL	28.3	21.0	80.1	0.80	0.022	0.033	0.21	19.84	48.03	15.92	18.73	0.0	0.015	55.0	7.80	3.03	218.0	0.0	0.0	0.0
235	DL	28.3	20.8	79.9	0.79	0.022	0.033	0.21	19.77	48.03	15.98	18.73	0.0	0.015	55.0	7.83	2.92	218.1	0.0	0.0	0.0
236	DL	28.3	20.9	80.0	0.79	0.022	0.033	0.21	19.70	48.03	16.03	18.73	0.0	0.015	55.1	7.85	2.92	218.2	0.0	0.0	0.0
237	DL	28.2	21.0	80.3	0.79	0.022	0.033	0.21	19.68	48.02	16.04	18.73	0.0	0.015	55.0	7.87	2.98	218.2	0.0	0.0	0.0
238	DL	28.3	20.9	79.8	0.79	0.022	0.033	0.21	19.65	48.02	16.06	18.74	0.0	0.015	55.1	7.88	2.91	218.3	0.0	0.0	0.0
239	DL	28.3	20.7	79.4	0.79	0.022	0.033	0.21	19.61	48.03	16.10	18.74	0.0	0.015	55.0	7.89	2.93	218.4	0.0	0.0	0.0
240	DL	28.3	20.5	79.1	0.79	0.022	0.032	0.21	19.54	48.02	16.16	18.74	0.0	0.015	55.0	7.92	2.87	218.5	0.0	0.0	0.0
241	DL	28.3	20.3	78.2	0.78	0.022	0.032	0.20	19.46	48.02	16.22	18.75	0.0	0.015	55.0	7.95	2.88	218.6	0.0	0.0	0.0
242	DL	28.3	20.2	76.9	0.78	0.022	0.032	0.20	19.34	48.02	16.31	18.75	0.0	0.015	55.0	8.00	2.89	218.7	0.0	0.0	0.0
243	DL	28.3	20.2	76.4	0.77	0.022	0.032	0.20	19.23	48.02	16.40	18.76	0.0	0.015	55.0	8.03	2.81	218.7	0.0	0.0	0.0
244	DL	28.4	20.3	78.4	0.77	0.022	0.032	0.20	19.18	48.02	16.44	18.76	0.0	0.015	55.0	8.06	2.83	218.7	0.0	0.0	0.0
245	DL	28.4	20.3	78.7	0.77	0.022	0.032	0.20	19.25	48.03	16.39	18.76	0.0	0.015	55.0	8.04	2.87	218.7	0.0	0.0	0.0
246	DL	28.5	20.2	77.9	0.77	0.022	0.032	0.20	19.27	48.03	16.37	18.75	0.0	0.015	55.0	8.02	2.85	218.6	0.0	0.0	0.0
247	DL	28.5	20.2	78.0	0.77	0.022	0.032	0.20	19.25	48.02	16.38	18.76	0.0	0.015	55.0	8.03	2.93	218.5	0.0	0.0	0.0
248	DL	28.5	20.3	78.8	0.78	0.022	0.032	0.20	19.31	48.02	16.34	18.75	0.0	0.015	55.0	8.01	2.92	218.4	0.0	0.0	0.0
249	DL	28.5	20.6	80.0	0.78	0.022	0.033	0.21	19.40	48.02	16.26	18.75	0.0	0.015	55.0	7.97	2.94	218.3	0.0	0.0	0.0
250	DL	28.5	20.7	80.6	0.78	0.022	0.033	0.21	19.52	48.02	16.17	18.74	0.0	0.015	55.1	7.93	3.02	218.3	0.0	0.0	0.0
251	DL	28.4	20.5	80.3	0.79	0.022	0.032	0.21	19.63	48.03	16.09	18.74	0.0	0.015	55.1	7.89	3.10	218.2	0.0	0.0	0.0
252	DL	28.3	20.2	77.6	0.79	0.022	0.032	0.20	19.64	48.02	16.08	18.74	0.0	0.015	55.1	7.88	2.98	218.2	0.0	0.0	0.0
253	DL	28.3	20.1	76.1	0.78	0.022	0.032	0.20	19.51	48.01	16.17	18.74	0.0	0.015	55.0	7.93	2.88	218.2	0.0	0.0	0.0
254	DL	28.3	20.3	78.1	0.78	0.022	0.032	0.20	19.43	48.03	16.25	18.75	0.0	0.015	55.1	7.97	2.85	218.3	0.0	0.0	0.0
255	DL	28.4	20.5	80.0	0.78	0.022	0.032	0.21	19.47	48.02	16.21	18.74	0.0	0.015	55.1	7.96	3.07	218.3	0.0	0.0	0.0
256	DL	28.3	20.4	79.4	0.79	0.022	0.032	0.21	19.59	48.02	16.12	18.74	0.0	0.015	55.1	7.91	3.06	218.4	0.0	0.0	0.0
257	DL	28.3	20.3	79.1	0.79	0.022	0.032	0.21	19.64	48.03	16.08	18.74	0.0	0.015	55.1	7.89	2.89	218.4	0.0	0.0	0.0
258	DL	28.3	19.8	76.8	0.79	0.022	0.031	0.20	19.60	48.01	16.10	18.74	0.0	0.015	55.1	7.91	2.88	218.6	0.0	0.0	0.0
259	DL	28.3	19.5	73.7	0.78	0.022	0.031	0.19	19.44	48.02	16.24	18.75	0.0	0.015	55.0	7.96	2.77	218.7	0.0	0.0	0.0
260	DL	28.5	19.5	73.8	0.77	0.022	0.031	0.19	19.20	48.02	16.43	18.76	0.0	0.015	55.0	8.06	2.71	218.8	0.0	0.0	0.0
261	DL	28.6	19.8	75.8	0.77	0.022	0.031	0.20	19.10	48.03	16.51	18.76	0.0	0.015	55.0	8.10	2.77	218.8	0.0	0.0	0.0
262	DL	28.8	20.0	78.6	0.77	0.023	0.032	0.20	19.17	48.02	16.45	18.76	0.0	0.015	55.1	8.07	2.76	218.9	0.0	0.0	0.0
263	DL	28.8	20.0	79.1	0.78	0.023	0.032	0.21	19.33	48.02	16.32	18.75	0.0	0.015	55.1	8.01	2.78	219.1	0.0	0.0	0.0
264	DL	28.8	19.9	76.9	0.78	0.023	0.032	0.20	19.40	48.02	16.27	18.75	0.0	0.015	55.0	7.97	2.78	219.2	0.0	0.0	0.0
265	DL	28.9	20.0	77.1	0.78	0.023	0.032	0.20	19.36	48.02	16.29	18.75	0.0	0.015	55.0	7.99	2.73	219.3	0.0	0.0	0.0
266	DL	28.9	20.3	79.1	0.78	0.023	0.032	0.21	19.37	48.03	16.29	18.75	0.0	0.015	55.0	7.99	2.75	219.5	0.0	0.0	0.0
267	DL	29.0	20.5	80.5	0.78	0.023	0.032	0.21	19.48	48.02	16.20	18.74	0.0	0.015	55.1	7.95	2.80	219.6	0.0	0.0	0.0
268	DL	29.0	20.6	81.7	0.79	0.023	0.033	0.21	19.61	48.02	16.09	18.74	0.0	0.015	55.1	7.90	2.81	219.6	0.0	0.0	0.0
269	DL	29.0	20.6	82.1	0.79	0.023	0.033	0.21	19.74	48.03	16.00	18.73	0.0	0.015	55.1	7.85	2.87	219.8	0.0	0.0	0.0
270	DL	29.0	20.5	80.6	0.80	0.023	0.032	0.21	19.85	48.02	15.91	18.73	0.0	0.015	55.1	7.81	2.88	219.9	0.0	0.0	0.0
271	DL	29.0	20.4	77.5	0.80	0.023	0.032	0.20	19.81	48.02	15.95	18.73	0.0	0.015	55.1	7.82	2.80	220.0	0.0	0.0	0.0
272	DL	29.0	20.2	76.7	0.79	0.023	0.032	0.20	19.64	48.02	16.08	18.74	0.0	0.015	55.1	7.89	2.75	220.1	0.0	0.0	0.0
273	DL	29.1	20.1	77.7	0.78	0.023	0.032	0.20	19.52	48.02	16.17	18.74	0.0	0.015	55.1	7.93	2.74	220.2	0.0	0.0	0.0
274	DL	29.1	20.1	77.8	0.78	0.023	0.032	0.20	19.48	48.01	16.20	18.74	0.0	0.015	55.1	7.95	2.80	220.4	0.0	0.0	0.0
275	DL	29.1	20.1	77.2	0.78	0.023	0.032	0.20	19.44	48.02	16.23	18.75	0.0	0.015	55.1	7.96	2.76	220.5	0.0	0.0	0.0
276	DL	29.1	20.1	77.3	0.78	0.023	0.032	0.20	19.38	48.01	16.27	18.75	0.0	0.015	55.1	7.99	2.69	220.7	0.0	0.0	0.0
277	DL	29.2	20.3	78.7	0.78	0.023	0.032	0.20	19.37	48.02	16.29	18.75	0.0	0.015	55.1	8.00	2.75	220.7	0.0	0.0	0.0
278	DL	29.2	20.6	80.4	0.78	0.023	0.033	0.21	19.42	48.02	16.25	18.75	0.0	0.015	55.1	7.98	2.76	220.8	0.0	0.0	0.0
279	DL	29.3	20.6	80.7	0.78	0.023	0.033	0.21	19.51	48.02	16.18	18.74	0.0	0.015	55.1	7.95	2.78	220.9	0.0	0.0	0.0
280	DL	29.2	20.3	76.2	0.78	0.023	0.032	0.20	19.52	48.02	16.17	18.74	0.0	0.015	55.1	7.94	2.78	221.0	0.0	0.0	0.0
281	DL	29.2	19.9	69.9	0.77	0.023	0.031	0.18	19.25	48.01	16.38	18.75	0.0	0.015	55.0	8.02	2.67	221.1	0.0	0.0	0.0

282	DL	29.4	19.6	67.6	0.76	0.023	0.031	0.18	18.84	48.02	16.72	18.78	0.0	0.015	54.9	8.19	2.76	221.2	0.0	0.0	0.0
283	DL	29.5	19.6	68.9	0.74	0.023	0.031	0.18	18.47	48.02	17.03	18.80	0.0	0.015	54.9	8.35	2.78	221.3	0.0	0.0	0.0
284	DL	29.7	19.7	71.1	0.73	0.023	0.031	0.18	18.27	48.03	17.21	18.81	0.0	0.015	54.9	8.44	2.77	221.4	0.0	0.0	0.0
285	DL	29.8	20.0	74.0	0.73	0.023	0.032	0.19	18.27	48.02	17.21	18.81	0.0	0.015	54.9	8.44	2.81	221.5	0.0	0.0	0.0
286	DL	29.8	20.1	76.4	0.74	0.023	0.032	0.20	18.40	48.02	17.10	18.80	0.0	0.015	54.9	8.38	2.84	221.5	0.0	0.0	0.0
287	DL	29.7	20.3	78.1	0.75	0.023	0.032	0.20	18.58	48.03	16.94	18.79	0.0	0.015	54.9	8.30	2.78	221.5	0.0	0.0	0.0
288	DL	29.7	20.6	79.0	0.75	0.023	0.033	0.21	18.77	48.02	16.77	18.78	0.0	0.015	54.9	8.22	2.75	221.4	0.0	0.0	0.0
289	DL	29.6	20.7	79.2	0.76	0.023	0.033	0.21	18.95	48.03	16.63	18.77	0.0	0.015	54.9	8.15	2.82	221.3	0.0	0.0	0.0
290	DL	29.5	20.7	79.3	0.77	0.023	0.033	0.21	19.10	48.03	16.51	18.76	0.0	0.015	54.9	8.09	2.89	221.2	0.0	0.0	0.0
291	DL	29.4	20.7	79.8	0.77	0.023	0.033	0.21	19.22	48.02	16.41	18.76	0.0	0.015	55.0	8.04	2.88	221.2	0.0	0.0	0.0
292	DL	29.2	20.8	80.1	0.78	0.023	0.033	0.21	19.33	48.03	16.32	18.75	0.0	0.015	55.0	7.99	2.91	221.1	0.0	0.0	0.0
293	DL	29.2	21.0	80.0	0.78	0.023	0.033	0.21	19.40	48.02	16.26	18.75	0.0	0.015	55.0	7.96	2.88	221.0	0.0	0.0	0.0
294	DL	29.1	20.8	78.6	0.78	0.023	0.033	0.20	19.47	48.04	16.21	18.74	0.0	0.015	55.0	7.94	2.94	220.9	0.0	0.0	0.0
295	DL	29.1	20.5	76.9	0.78	0.023	0.032	0.20	19.44	48.02	16.23	18.75	0.0	0.015	55.0	7.95	2.86	220.9	0.0	0.0	0.0
296	DL	29.2	20.4	76.2	0.78	0.023	0.032	0.20	19.34	48.03	16.31	18.75	0.0	0.015	55.0	7.99	2.70	220.9	0.0	0.0	0.0
297	DL	29.2	20.4	77.4	0.78	0.023	0.032	0.20	19.29	48.03	16.35	18.75	0.0	0.015	55.0	8.01	2.74	220.9	0.0	0.0	0.0
298	DL	29.2	20.5	78.6	0.78	0.023	0.032	0.20	19.34	48.03	16.32	18.75	0.0	0.015	55.0	7.99	2.76	220.9	0.0	0.0	0.0
299	DL	29.2	20.6	79.7	0.78	0.023	0.033	0.21	19.44	48.02	16.23	18.75	0.0	0.015	55.0	7.95	2.70	220.9	0.0	0.0	0.0
300	DL	29.2	20.7	80.4	0.79	0.023	0.033	0.21	19.56	48.02	16.13	18.74	0.0	0.015	55.0	7.90	2.80	221.0	0.0	0.0	0.0
301	DL	29.1	20.9	80.2	0.79	0.023	0.033	0.21	19.67	48.02	16.05	18.73	0.0	0.015	55.0	7.86	2.76	221.0	0.0	0.0	0.0
302	DL	29.1	21.0	80.6	0.80	0.023	0.033	0.21	19.79	48.02	15.96	18.73	0.0	0.015	55.1	7.82	2.65	221.1	0.0	0.0	0.0
303	DL	29.0	20.9	80.4	0.80	0.023	0.033	0.21	19.89	48.02	15.88	18.72	0.0	0.015	55.1	7.79	2.70	221.2	0.0	0.0	0.0
304	DL	28.9	20.5	77.6	0.80	0.023	0.032	0.20	19.88	48.01	15.89	18.72	0.0	0.015	55.1	7.79	2.66	221.4	0.0	0.0	0.0
305	DL	28.9	20.2	75.5	0.79	0.023	0.032	0.20	19.72	48.02	16.01	18.73	0.0	0.015	55.1	7.85	2.61	221.5	0.0	0.0	0.0
306	DL	28.9	20.0	74.5	0.78	0.023	0.032	0.19	19.50	48.01	16.18	18.74	0.0	0.015	55.0	7.93	2.58	221.5	0.0	0.0	0.0
307	DL	28.9	19.9	73.8	0.78	0.023	0.032	0.19	19.34	48.02	16.31	18.75	0.0	0.015	55.0	8.00	2.53	221.6	0.0	0.0	0.0
308	DL	29.0	19.8	73.9	0.77	0.023	0.031	0.19	19.21	48.01	16.41	18.76	0.0	0.015	55.0	8.05	2.63	221.7	0.0	0.0	0.0
309	DL	29.0	19.7	72.9	0.77	0.023	0.031	0.19	19.09	48.01	16.51	18.76	0.0	0.015	55.0	8.10	2.58	221.8	0.0	0.0	0.0
310	DL	29.0	19.6	70.2	0.76	0.023	0.031	0.18	18.94	48.01	16.63	18.77	0.0	0.015	54.9	8.15	2.59	221.9	0.0	0.0	0.0
311	DL	29.1	19.3	67.0	0.75	0.023	0.030	0.17	18.73	48.01	16.81	18.78	0.0	0.015	54.9	8.24	2.66	222.0	0.0	0.0	0.0
312	DL	28.9	17.7	48.2	0.73	0.023	0.028	0.13	18.13	48.02	17.35	18.81	0.0	0.015	54.6	8.47	2.66	222.1	0.0	0.0	0.0
313	DL	27.6	15.0	22.9	0.65	0.022	0.024	0.06	16.08	48.02	19.46	18.94	0.0	0.015	52.5	9.19	2.61	222.2	0.0	0.0	0.0
314	DL	25.4	12.2	11.1	0.52	0.020	0.019	0.03	13.05	48.02	23.66	19.21	0.0	0.014	51.3	11.06	1.98	222.3	0.0	0.0	0.0
315	DL	22.9	9.8	7.3	0.41	0.018	0.015	0.02	10.32	48.03	29.36	19.58	0.0	0.014	48.6	13.24	1.57	222.4	0.0	0.0	0.0
316	DL	20.7	7.9	6.0	0.32	0.016	0.013	0.02	8.03	48.05	36.75	20.09	0.0	0.013	46.8	16.36	1.55	222.5	0.0	0.0	0.0
317	DL	18.9	6.7	5.5	0.25	0.015	0.011	0.01	6.26	48.05	45.58	20.73	0.0	0.013	45.1	20.21	1.51	222.5	0.0	0.0	0.0
318	DL	17.5	5.8	5.1	0.20	0.014	0.009	0.01	5.07	48.06	54.30	21.41	0.0	0.012	43.4	23.99	1.49	222.6	0.0	0.0	0.0
319	DL	16.3	5.0	4.6	0.17	0.013	0.008	0.01	4.21	48.08	63.22	22.15	0.0	0.012	41.8	27.81	1.48	222.6	0.0	0.0	0.0
320	DL	15.4	4.4	4.3	0.14	0.012	0.007	0.01	3.43	48.08	74.17	23.12	0.0	0.011	39.7	32.34	1.47	222.6	0.0	0.0	0.0
321	DL	14.5	3.9	4.0	0.11	0.011	0.006	0.01	2.84	48.09	85.33	24.22	0.0	0.011	37.9	37.22	1.50	222.5	0.0	0.0	0.0
322	DL	13.8	3.6	4.0	0.10	0.011	0.006	0.01	2.45	48.10	94.64	25.22	0.0	0.010	36.1	40.96	1.52	222.4	0.0	0.0	0.0
323	DL	13.2	3.2	3.8	0.08	0.010	0.005	0.01	2.10	48.11	105.12	26.44	0.0	0.010	34.4	45.46	1.51	222.4	0.0	0.0	0.0
324	DL	12.6	3.0	3.5	0.07	0.010	0.005	0.01	1.76	48.11	117.92	28.11	0.0	0.009	32.7	51.57	1.48	222.3	0.0	0.0	0.0
325	DL	12.0	2.8	3.3	0.06	0.009	0.004	0.01	1.52	48.13	128.79	29.71	0.0	0.009	31.0	56.51	1.48	222.3	0.0	0.0	0.0
326	DL	11.5	2.6	3.4	0.05	0.009	0.004	0.01	1.36	48.13	137.29	31.09	0.0	0.008	29.2	59.29	1.50	222.3	0.0	0.0	0.0
327	DL	11.0	2.4	3.1	0.05	0.009	0.004	0.01	1.19	48.14	148.02	33.01	0.0	0.008	27.3	63.61	1.47	222.2	0.0	0.0	0.0
328	DL	10.6	2.2	3.0	0.04	0.008	0.003	0.01	1.01	48.15	160.89	35.67	2.3	0.007	25.7	70.26	1.45	222.1	0.0	0.0	0.0
329	DL	10.1	2.1	3.0	0.04	0.008	0.003	0.01	0.89	48.15	170.42	37.95	0.5	0.006	23.2	71.83	1.42	222.1	0.0	0.0	0.0
330	DL	9.8	2.1	3.0	0.03	0.008	0.003	0.01	0.81	48.17	177.47	39.82	0.0	0.006	21.4	71.97	1.43	222.0	0.0	0.0	0.0
331	DL	9.5	2.4	4.4	0.03	0.008	0.004	0.01	0.75	48.18	183.82	41.68	0.0	0.005	19.7	71.89	1.47	221.9	0.0	0.0	0.0
332	DL	9.6	2.9	6.3	0.03	0.008	0.005	0.02	0.80	48.18	178.49	40.09	2.8	0.005	17.5	59.64	1.79	221.7	0.0	0.0	0.0
333	DL	9.9	3.6	5.8	0.04	0.008	0.006	0.02	0.96	48.18	164.40	36.47	1.0	0.004	15.7	44.86	2.03	221.5	0.0	0.0	0.0
334	DL	10.3	4.3	5.2	0.04	0.008	0.007	0.01	1.02	48.20	159.28	35.33	1.0	0.004	13.9	37.59	1.87	221.4	0.0	0.0	0.0
335	DL	10.6	4.6	8.4	0.04	0.008	0.007	0.02	1.06	48.19	156.21	34.66	1.0	0.003	11.6	29.99	1.80	221.2	0.0	0.0	0.0
336	DL	10.6	4.7	9.6	0.05	0.008	0.007	0.03	1.27	48.20	142.41	31.96	1.0	0.003	10.3	22.39	2.72	221.0	0.0	0.0	0.0
337	DL	10.7	4.7	8.2	0.06	0.008	0.008	0.02	1.47	48.21	131.25	30.10	1.0	0.002	8.7	16.50	2.54	220.9	0.0	0.0	0.0
338	DL	10.6	4.5	8.7	0.06	0.008	0.007	0.02	1.58	48.21	126.07	29.30	1.0	0.002	7.3	12.85	2.43	220.7	0.0	0.0	0.0
339	DL	10.5	4.4	10.6	0.07	0.008	0.007	0.03	1.71	48.21	120.06	28.42	1.0	0.002	5.8	9.48	2.49	220.5	0.0	0.0	0.0
340	DL	10.3	4.3	12.6	0.08	0.008	0.007	0.03	1.91	48.22	112.18	27.34	0.3	0.001	3.8	5.69	2.59	220.3	0.0	0.0	0.0

341	DL	10.1	4.2	13.4	0.09	0.008	0.007	0.03	2.13	48.23	104.39	26.36	0.0	0.001	2.8	3.68	2.85	220.1	0.0	0.0	0.0
342	DL	9.8	4.3	13.6	0.09	0.008	0.007	0.04	2.35	48.23	97.98	25.61	0.0	0.001	1.7	2.15	2.97	219.8	0.0	0.0	0.0
343	DL	9.6	4.3	14.7	0.10	0.008	0.007	0.04	2.53	48.23	93.00	25.05	0.0	0.000	0.9	1.05	3.05	219.6	0.0	0.0	0.0
344	DL	9.4	4.3	15.5	0.11	0.007	0.007	0.04	2.69	48.24	89.05	24.62	0.0	0.000	0.3	0.30	3.22	219.3	0.0	0.0	0.0
345	DL	9.2	4.4	16.2	0.11	0.007	0.007	0.04	2.85	48.24	85.47	24.25	0.0	0.000	0.0	0.03	3.33	219.1	0.0	0.0	0.0
346	DL	9.1	4.4	16.7	0.12	0.007	0.007	0.04	3.01	48.25	82.15	23.91	0.0	0.000	0.0	1.08	3.33	218.9	0.0	0.0	0.0
347	DL	8.9	4.3	16.6	0.13	0.007	0.007	0.04	3.15	48.25	79.48	23.65	0.0	0.000	0.0	1.12	3.34	218.7	0.0	0.0	0.0
348	DL	8.8	4.4	16.6	0.13	0.007	0.007	0.04	3.23	48.25	77.94	23.50	0.0	0.000	0.0	1.15	3.26	218.5	0.0	0.0	0.0
349	DL	8.6	4.4	16.6	0.13	0.007	0.007	0.04	3.29	48.26	76.81	23.39	0.0	0.000	0.0	1.18	3.41	218.3	0.0	0.0	0.0
350	DL	8.5	4.4	16.7	0.13	0.007	0.007	0.04	3.34	48.26	75.94	23.31	0.0	0.000	0.0	1.19	3.39	218.2	0.0	0.0	0.0
351	DL	8.4	4.4	16.5	0.14	0.007	0.007	0.04	3.39	48.27	75.23	23.24	0.0	0.000	0.0	1.21	3.39	218.2	0.0	0.0	0.0
352	DL	8.3	4.4	16.5	0.14	0.007	0.007	0.04	3.42	48.28	74.73	23.19	0.0	0.000	0.0	1.22	3.36	218.2	0.0	0.0	0.0
353	DL	8.2	4.5	16.6	0.14	0.006	0.007	0.04	3.44	48.27	74.34	23.16	0.0	0.000	0.0	1.23	3.29	218.1	0.0	0.0	0.0
354	DL	8.1	4.5	16.5	0.14	0.006	0.007	0.04	3.47	48.28	73.95	23.12	0.0	0.000	0.0	1.24	3.36	218.1	0.0	0.0	0.0
355	DL	8.0	4.4	16.2	0.14	0.006	0.007	0.04	3.49	48.28	73.63	23.09	0.0	0.000	0.0	1.24	3.35	218.1	0.0	0.0	0.0
356	DL	7.9	4.4	16.3	0.14	0.006	0.007	0.04	3.49	48.28	73.57	23.08	0.0	0.000	0.0	1.24	3.40	218.1	0.0	0.0	0.0
357	DL	7.9	4.3	16.3	0.14	0.006	0.007	0.04	3.49	48.28	73.51	23.08	0.0	0.000	0.0	1.25	3.49	218.1	0.0	0.0	0.0

Test #: 1072 Commuter

Date: 5/12/94

Test cycle results

CO (g/mi) =	1.56
CO2 (g/mi) =	164.14
NOx (g/mi) =	5.68

Time	CO (ppm)	CO2 (%)	NOx (ppm)	FT INL1	FT INL2	Temp (F)	Eng. RPM	Inlet mass flow (scfm)	Exhaust mass flow (scfm)	Speed (mph)	CO cum (g)	NOx cum (g)	CO2 cum (g)	miles
08:17:32	499.39	2.68	361.42	92.80	56.17	73.19	681.36							
08:17:33	499.51	2.62	361.42	92.80	56.17	73.19	679.83							
08:17:34	499.51	2.55	361.42	92.80	56.17	73.19	678.81							
08:17:35	499.51	2.51	361.42	94.02	56.17	73.19	679.83	12.1076	12.5629	0.1131	0.0034	0.0041	0.0026	0.0000
08:17:36	499.51	2.51	361.42	94.02	56.17	73.19	679.83	12.1076	12.5531	0.1131	0.0069	0.0082	0.0052	0.0001
08:17:37	499.39	2.49	361.42	94.02	56.17	73.19	680.34	12.1076	12.5414	0.1131	0.0103	0.0122	0.0076	0.0001
08:17:38	499.39	2.49	361.42	94.02	56.17	73.19	680.34	12.2669	12.6998	0.1131	0.0138	0.0164	0.0101	0.0001
08:17:39	499.39	2.48	203.17	92.80	56.17	73.19	680.34	12.2669	12.6998	0.1131	0.0172	0.0205	0.0125	0.0002
08:17:40	499.27	2.49	203.66	91.58	51.28	72.94	680.34	12.2669	12.6951	0.1131	0.0207	0.0246	0.0150	0.0002
08:17:41	499.51	2.49	203.66	91.58	51.28	72.94	680.34	12.2669	12.6951	0.1131	0.0242	0.0287	0.0174	0.0002
08:17:42	499.39	2.55	203.66	90.35	50.06	72.94	680.34	12.1076	12.5283	0.1131	0.0276	0.0310	0.0198	0.0003
08:17:43	499.39	2.55	203.17	89.13	50.06	72.94	682.37	11.9483	12.3660	0.1131	0.0310	0.0333	0.0222	0.0003
08:17:44	499.51	2.57	203.66	90.35	51.28	72.94	678.31	11.9483	12.3660	0.1131	0.0344	0.0356	0.0246	0.0003
08:17:45	499.51	2.65	203.17	92.80	56.17	72.94	679.83	11.7889	12.2113	0.1131	0.0377	0.0378	0.0271	0.0003
08:17:46	499.51	2.65	203.17	92.80	56.17	72.94	679.83	11.6296	12.0463	0.1131	0.0410	0.0400	0.0296	0.0004
08:17:47	499.51	2.68	203.17	91.58	58.61	72.94	679.83	11.7889	12.2132	0.1131	0.0443	0.0422	0.0321	0.0004
08:17:48	499.39	2.78	279.85	91.58	58.61	72.94	679.83	12.1076	12.5577	0.1131	0.0478	0.0445	0.0347	0.0004
08:17:49	499.39	2.78	279.85	91.58	59.83	72.94	679.83	12.1076	12.5577	0.1131	0.0512	0.0468	0.0373	0.0005
08:17:50	499.39	2.80	279.85	92.80	57.39	72.94	679.83	11.9483	12.3976	0.1131	0.0546	0.0491	0.0399	0.0005
08:17:51	464.59	2.87	279.36	92.80	56.17	72.94	681.36	11.9483	12.4138	0.1131	0.0580	0.0522	0.0426	0.0005
08:17:52	464.59	2.96	279.85	95.24	58.61	72.94	681.36	11.9483	12.4138	0.1131	0.0614	0.0553	0.0453	0.0006
08:17:53	464.71	2.99	279.85	97.68	61.05	72.94	682.37	12.1076	12.5832	0.1131	0.0648	0.0585	0.0480	0.0006
08:17:54	464.59	3.04	279.85	97.68	63.49	72.94	731.70	12.1076	12.5929	0.1131	0.0680	0.0617	0.0508	0.0006
08:17:55	464.59	3.08	279.85	100.12	65.93	72.94	794.75	12.4262	12.9398	0.1131	0.0713	0.0649	0.0537	0.0007
08:17:56	464.59	3.12	279.85	103.79	72.04	72.94	794.75	12.7448	13.2771	0.1131	0.0747	0.0683	0.0566	0.0007
08:17:57	464.59	3.12	279.85	103.79	72.04	72.94	1083.56	12.7448	13.2868	0.7916	0.0781	0.0716	0.0773	0.0009
08:17:58	464.71	3.16	279.36	117.22	78.14	73.19	1184.75	13.0634	13.6260	3.0532	0.0816	0.0750	0.1582	0.0018
08:17:59	464.59	3.22	353.60	191.70	105.01	73.19	1517.80	13.5413	14.1311	3.0532	0.0851	0.0786	0.2400	0.0026
08:18:00	328.69	3.25	353.11	275.95	136.75	73.19	1824.41	13.5413	14.1311	5.2017	0.0887	0.0822	0.3794	0.0041
08:18:01	328.82	3.28	353.11	275.95	136.75	73.19	1824.41	15.2938	15.9690	6.2194	0.0928	0.0862	0.5484	0.0058
08:18:02	328.94	3.28	353.60	1094.02	373.63	73.19	1887.46	25.0117	26.1377	9.4988	0.0995	0.0945	0.8116	0.0084
08:18:03	328.82	3.31	353.11	1242.98	455.43	73.43	1810.68	36.0041	37.6293	12.2127	0.1062	0.1064	1.1529	0.0118
08:18:04	328.82	3.31	353.11	1242.98	455.43	73.43	1810.68	36.0041	37.6430	12.2127	0.1130	0.1184	1.4971	0.0152
08:18:05	328.82	3.35	353.11	1576.31	615.38	73.43	1900.68	142.7419	149.2396	14.4743	0.1399	0.1658	1.9050	0.0192
08:18:06	328.82	3.35	353.11	1779.00	711.84	73.43	1937.80	162.1777	169.6395	17.0752	0.1704	0.2197	2.3913	0.0240
08:18:07	328.82	3.39	353.11	1954.82	857.14	73.67	1688.65	162.1777	169.6395	17.0752	0.2010	0.2736	2.8776	0.0287
08:18:08	328.82	3.41	365.32	1345.54	673.99	73.67	1140.51	205.6693	215.2328	19.6761	0.2397	0.3419	3.4440	0.0342
08:18:09	328.82	3.41	365.32	970.70	526.25	73.91	1140.51	232.1148	242.9079	20.9200	0.2834	0.4191	4.0462	0.0400
08:18:10	328.82	3.41	365.32	970.70	526.25	73.91	1161.87	255.0555	267.0818	22.5031	0.3315	0.5039	4.7030	0.0462
08:18:11	229.30	3.44	365.32	583.64	347.99	74.16	1212.20	175.5597	183.8759	24.8778	0.3646	0.5643	5.4325	0.0531
08:18:12	229.18	3.44	365.32	476.19	280.83	74.16	1212.20	126.6516	132.6509	25.4432	0.3885	0.6079	6.1785	0.0602
08:18:13	229.18	3.44	365.32	476.19	280.83	73.91	1264.58	126.6516	132.6509	25.4432	0.4124	0.6515	6.9245	0.0673
08:18:14	229.18	3.47	365.32	449.33	262.52	73.91	1308.78	76.1502	79.7801	26.3478	0.4224	0.6777	7.7051	0.0746
08:18:15	229.18	3.48	365.81	539.68	269.84	73.91	1379.49	62.1309	65.0925	26.3478	0.4306	0.6991	8.4856	0.0819
08:18:16	229.18	3.48	365.81	754.58	328.45	73.91	1504.58	62.1309	65.0925	27.5917	0.4387	0.7205	9.3030	0.0896
08:18:17	229.18	3.50	365.32	907.20	328.45	73.91	1504.58	58.6261	61.4430	28.6095	0.4464	0.7406	10.1572	0.0975
08:18:18	229.18	3.50	365.32	907.20	376.07	73.67	1546.27	70.4151	73.8099	31.3234	0.4557	0.7649	11.0957	0.1062
08:18:19	229.18	3.52	377.53	1190.48	462.76	73.91	1647.97	98.4537	103.2002	32.9065	0.4687	0.7989	12.0816	0.1154
08:18:20	229.18	3.55	378.02	1361.42	462.76	73.91	1647.97	118.3674	124.0998	32.9065	0.4842	0.8397	13.0719	0.1245
08:18:21	229.18	3.55	378.02	1361.42	527.47	73.91	1686.10	118.3674	124.0998	33.8112	0.4998	0.8804	14.0894	0.1339
08:18:22	198.41	3.64	377.53	1477.41	572.65	73.91	1760.34	155.3273	162.8920	35.6205	0.5202	0.9357	15.1673	0.1438
08:18:23	198.41	3.64	377.53	1333.33	566.54	73.91	1271.19	177.6308	186.3590	35.6205	0.5436	0.9991	16.2549	0.1537
08:18:24	198.41	3.80	378.02	831.50	456.65	73.91	1321.02	177.6308	186.3590	36.8644	0.5670	1.0624	17.3804	0.1639
08:18:25	198.41	3.85	377.53	831.50	456.65	73.91	1321.02	192.7652	202.4777	37.4298	0.5890	1.1312	18.5533	0.1743
08:18:26	198.41	3.85	377.53	753.36	423.69	73.91	1343.39	173.9666	182.7319	38.3344	0.6088	1.1932	19.7546	0.1850
08:18:27	198.41	4.06	377.53	741.15	399.27	73.91	1393.22	108.4902	114.1932	39.9175	0.6213	1.2321	21.0591	0.1961
08:18:28	198.41	4.06	377.53	741.15	399.27	73.91	1393.22	108.4902	114.2761	39.9175	0.6337	1.2709	22.3824	0.2072
08:18:29	198.41	4.28	564.59	782.66	402.93	74.16	1410.51	98.2943	103.5365	40.5960	0.6449	1.3060	23.7282	0.2184
08:18:30	198.41	4.28	564.59	786.09	402.93	74.16	1419.66	96.7012	102.1386	41.8399	0.6560	1.3407	25.1897	0.2301

1 K1	1	unitless	for flow calc	
2 K2	1	unitless	for NOx calc (expl deriv.)	K2=1/(1-0.0047*(H-75))
3 CO density	32.85	gm/ft^3	T=70 F, P=760 mmHG	H=grains of water/lbm dry air
4 NOx density	53.96	gm/ft^3	T=70 F, P=760 mmHG	
5 Rhc	1.8	unitless	Diesel #2	
6 Ywi	0.03	unitless	for humidity comp. (from chart)	
7 gear ratio	3.58	unitless		
8 axle rev	16	pulses		
9 tire	114	inches		
10 interval	1	seconds		
11 CO2 density	51.61	gm/ft^3	T=70 F, P=760 mmHG	
12 FF1	0.5			
13 FF2	0			

08:18:31	277.66	4.55	564.59	764.35	382.17	74.16	1443.58	96.7012	102.1386	41.8399	0.6671	1.3754	26.6512	0.2417
08:18:32	277.66	4.71	564.59	799.76	388.28	74.16	1482.20	102.1178	108.1729	42.5184	0.6789	1.4303	28.2164	0.2535
08:18:33	277.66	4.83	564.59	827.84	391.94	74.16	1482.20	103.8702	110.0292	42.9707	0.6908	1.4862	29.7983	0.2654
08:18:34	277.78	4.83	564.59	827.84	391.94	74.16	1497.46	99.7281	106.0292	43.6492	0.7069	1.5400	31.5048	0.2776
08:18:35	277.78	4.94	565.08	846.15	394.38	74.16	1513.22	104.3481	111.1821	44.8931	0.7238	1.5964	33.3232	0.2900
08:18:36	277.78	5.24	565.08	877.90	401.71	74.16	1533.56	108.0123	115.2647	44.8931	0.7414	1.6550	35.1869	0.3025
08:18:37	277.78	5.24	564.59	912.09	413.92	74.16	1547.29	108.0123	115.2647	45.2324	0.7589	1.7135	37.0647	0.3151
08:18:38	277.78	5.35	565.08	915.75	429.79	74.16	1561.53	110.4019	117.9913	45.6847	0.7768	1.7735	39.0058	0.3277
08:18:39	277.78	5.54	751.16	970.70	445.67	74.16	1581.87	114.5440	122.8990	46.3631	0.7955	1.8359	41.0940	0.3406
08:18:40	277.78	5.71	751.16	1034.19	462.76	74.16	1597.12	119.0047	127.6851	46.8155	0.8149	1.9008	43.2026	0.3536
08:18:41	477.90	5.82	750.67	1133.09	474.97	74.16	1618.48	119.4826	128.3962	47.1547	0.8345	1.9660	45.3740	0.3667
08:18:42	478.02	5.97	750.67	1151.40	474.97	74.16	1626.61	126.6516	136.4299	47.7201	0.8552	2.0582	47.6468	0.3800
08:18:43	478.02	6.15	750.18	1120.88	474.97	73.91	1642.88	134.9357	145.6832	48.1725	0.8774	2.1566	50.0123	0.3934
08:18:44	478.02	6.15	750.18	1120.88	474.97	73.91	1642.88	147.8398	159.9120	48.9640	0.9192	2.2645	52.4643	0.4070
08:18:45	477.90	6.46	750.67	1146.52	476.19	73.91	1669.32	150.2294	162.8063	49.1902	0.9618	2.3745	54.9888	0.4206
08:18:46	477.90	6.69	750.67	1150.18	501.83	74.16	1668.31	146.2467	158.8733	49.5294	1.0034	2.4816	57.6090	0.4344
08:18:47	477.90	6.69	750.67	1150.18	501.83	74.16	1668.31	146.2467	158.8733	49.5294	1.0450	2.5888	60.2291	0.4481
08:18:48	478.02	6.78	751.16	1074.48	492.06	74.16	1661.70	149.5922	163.1680	50.4341	1.0877	2.6990	63.0309	0.4622
08:18:49	477.90	6.93	995.36	938.95	449.33	74.16	1674.41	150.0701	164.1938	50.4341	1.1306	2.8098	65.9343	0.4762
08:18:50	478.02	7.08	995.36	912.09	435.90	74.40	1686.10	150.0701	164.1938	50.4341	1.1736	2.9207	68.8377	0.4902
08:18:51	499.51	7.16	995.36	949.94	433.46	74.40	1698.81	140.1929	153.5600	50.0948	1.2138	3.0244	71.7587	0.5041
08:18:52	499.51	7.16	995.36	949.94	433.46	74.40	1698.81	122.5095	134.4589	50.5471	1.2490	3.1448	74.7722	0.5181
08:18:53	499.39	7.35	995.36	1057.39	459.10	74.16	1718.65	119.0047	130.8666	50.9995	1.2832	3.2619	77.8777	0.5323
08:18:54	499.51	7.50	995.36	1174.60	470.09	74.40	1736.95	123.9433	136.4494	51.3387	1.3205	3.3841	81.0402	0.5466
08:18:55	499.51	7.50	995.36	1174.60	470.09	74.40	1736.95	123.9433	136.4494	51.3387	1.3578	3.5062	84.2026	0.5608
08:18:56	499.51	7.57	995.36	1221.00	476.19	74.40	1735.43	137.9626	152.2643	51.7910	1.3995	3.6425	87.4781	0.5752
08:18:57	499.51	7.63	995.36	1168.50	460.32	74.40	1728.82	153.2563	169.4724	52.4695	1.4458	3.7942	90.8636	0.5898
08:18:58	499.51	7.68	995.36	1052.50	420.02	74.16	1734.92	153.2563	169.4724	52.4695	1.4922	3.9459	94.2490	0.6044
08:18:59	499.51	7.73	1241.51	945.05	398.05	74.16	1740.00	159.3101	176.3198	52.4695	1.5404	4.1038	97.6643	0.6189
08:19:00	499.51	7.73	1241.51	945.05	398.05	74.16	1740.00	152.4598	168.8674	52.1303	1.5866	4.2549	101.0839	0.6334
08:19:01	499.39	7.81	1242.00	965.81	443.22	74.40	1756.78	137.3253	152.2130	52.3564	1.6282	4.3912	104.5429	0.6480
08:19:02	499.39	7.81	1242.00	1018.31	463.98	74.40	1756.78	123.3060	136.7646	52.5826	1.6656	4.5439	108.0398	0.6626
08:19:03	499.39	7.83	1241.51	1072.04	466.42	74.40	1762.37	123.3060	136.7646	52.5826	1.7030	4.6966	111.5367	0.6772
08:19:04	499.39	7.83	1241.51	1053.72	459.10	74.40	1763.90	126.0143	139.9112	52.9218	1.7413	4.8529	115.0917	0.6919
08:19:05	499.51	7.83	1241.51	1009.77	446.89	74.40	1766.95	132.8645	147.5169	52.9218	1.7816	5.0176	118.6468	0.7066
08:19:06	499.39	7.82	1241.51	1012.21	429.79	74.40	1771.53	139.8743	155.3393	53.2611	1.8241	5.1911	122.2335	0.7214
08:19:07	499.39	7.82	1241.51	1021.98	437.12	74.40	1776.10	137.4846	152.6854	53.3742	1.8658	5.3615	125.8279	0.7362
08:19:08	499.39	7.79	1138.95	1030.52	439.56	74.40	1778.14	131.7495	146.3162	53.4873	1.9058	5.5249	129.4299	0.7510
08:19:09	499.51	7.76	1138.95	1053.72	427.35	74.40	1778.14	132.0681	146.6476	53.4873	1.9459	5.6887	133.0265	0.7659
08:19:10	499.51	7.76	1138.95	1053.72	427.35	74.40	1778.14	133.3426	148.0628	53.7134	1.9864	5.8540	136.6383	0.7808
08:19:11	499.51	7.68	1138.95	1026.86	434.68	74.40	1781.19	134.4576	149.2399	53.7134	2.0272	6.0068	140.2356	0.7957
08:19:12	499.39	7.63	1138.95	1029.30	428.13	74.40	1781.19	137.4846	152.5453	53.7134	2.0689	6.1631	143.8204	0.8107
08:19:13	499.51	7.56	1139.44	1067.16	442.00	74.64	1793.39	137.4846	152.5453	53.7134	2.1106	6.3193	147.4051	0.8256
08:19:14	499.51	7.51	1138.95	1170.94	477.41	74.64	1798.98	133.9798	148.5124	53.7134	2.1513	6.4715	150.9556	0.8405
08:19:15	499.51	7.51	1138.95	1170.94	477.41	74.64	1798.98	134.2984	148.7591	53.7134	2.1919	6.6238	154.4808	0.8554
08:19:16	499.51	7.38	1138.95	1173.38	457.88	74.64	1805.59	139.2371	154.0957	54.1657	2.2341	6.7817	158.0047	0.8705
08:19:17	499.51	7.38	1138.95	1173.38	457.88	74.64	1805.59	152.7784	168.9611	54.3919	2.2803	6.9548	161.5178	0.8856
08:19:18	499.39	7.31	1138.95	1140.42	455.43	74.64	1810.17	152.7784	168.9611	54.3919	2.3265	7.1279	165.0309	0.9007
08:19:19	499.51	7.22	1036.87	1158.73	494.51	74.64	1815.26	153.0970	169.0368	54.5050	2.3727	7.3010	168.4928	0.9158
08:19:20	499.39	7.13	1037.36	1136.75	487.18	74.64	1815.26	153.0970	169.0368	54.5050	2.4190	7.4742	171.9546	0.9310
08:19:21	499.39	7.07	1036.87	1114.77	472.53	74.40	1819.32	148.7957	164.1197	54.6181	2.4638	7.6423	175.3869	0.9461
08:19:22	499.51	6.97	1036.87	1079.36	455.43	74.40	1824.92	151.1853	166.5679	54.8442	2.5094	7.7976	178.7929	0.9614
08:19:23	499.39	6.91	1037.36	1090.35	440.78	74.16	1830.00	148.3177	163.2080	54.8442	2.5540	7.9499	182.1547	0.9766
08:19:24	499.39	6.81	1037.36	1145.30	431.01	74.16	1833.56	145.4501	159.9379	54.9573	2.5977	8.0990	185.4976	0.9919
08:19:25	499.51	6.75	1036.87	1166.06	417.58	73.91	1836.10	140.8301	154.6518	55.1835	2.6400	8.2432	188.8060	1.0072
08:19:26	499.51	6.75	1036.87	1166.06	417.58	73.91	1836.10	142.2639	156.1063	55.1835	2.6827	8.3888	192.0867	1.0225
08:19:27	499.51	6.60	1036.87	1145.30	412.70	73.67	1841.19	149.4329	163.7545	55.4096	2.7275	8.5416	195.3324	1.0379
08:19:28	499.51	6.53	1037.36	1126.98	418.80	73.67	1847.29	152.1412	166.5858	55.5227	2.7730	8.6970	198.5549	1.0533
08:19:29	499.39	6.44	866.42	1158.73	456.65	73.91	1849.32	152.1412	166.5858	55.5227	2.8186	8.8523	201.7774	1.0688
08:19:30	499.39	6.44	866.42	1158.73	456.65	73.91	1849.32	149.4329	163.2936	55.5227	2.8633	9.0046	204.9271	1.0842
08:19:31	499.39	6.38	866.42	1212.45	500.61	73.91	1846.78	147.0432	160.5423	55.9750	2.9072	9.1543	208.0706	1.0997
08:19:32	499.51	6.30	866.91	1217.34	526.25	73.91	1843.73	151.1853	164.8783	55.8620	2.9522	9.2828	211.1664	1.1153
08:19:33	499.51	6.19	865.93	1183.15	488.40	73.91	1856.95	151.1853	164.8783	55.8620	2.9973	9.4113	214.2622	1.1308
08:19:34	499.39	6.19	865.93	1183.15	488.40	73.91	1856.95	158.1949	172.3724	55.7489	3.0445	9.5456	217.3200	1.1463
08:19:35	499.39	6.13	866.42	1240.54	493.28	73.91	1863.56	158.8322	172.8892	55.7489	3.0917	9.6804	220.3403	1.1617
08:19:36	499.51	6.06	866.42	1328.45	493.28	73.91	1857.97	154.3715	167.7838	56.0881	3.1376	9.8111	223.3243	1.1773
08:19:37	499.39	6.02	865.93	1290.60	487.18	73.91	1862.04	154.3715	167.7837	56.0881	3.1835	9.9417	226.3083	1.1929

08:19:38	499.51	5.94	866.42	1244.20	471.31	73.67	1865.09	161.8591	175.8044	56.3143	3.2316	10.0787	229.2798	1.2086
08:19:39	499.39	5.91	866.42	1221.00	477.41	73.67	1857.46	173.3294	188.0697	56.2012	3.2830	10.2253	232.2075	1.2242
08:19:40	499.51	5.85	694.02	1163.61	483.52	73.91	1865.09	168.3908	182.6265	56.3143	3.3329	10.3675	235.1242	1.2398
08:19:41	499.51	5.79	694.02	1202.69	542.12	74.16	1866.61	162.3370	175.8801	56.2012	3.3810	10.5045	237.9972	1.2554
08:19:42	499.39	5.79	694.02	1202.69	542.12	74.16	1866.61	159.3101	172.5208	56.0881	3.4282	10.6389	240.8474	1.2710
08:19:43	499.39	5.78	694.02	1228.33	560.44	74.16	1863.56	151.8225	164.2772	56.2012	3.4731	10.7415	243.6733	1.2866
08:19:44	499.51	5.73	694.02	1190.48	570.21	74.16	1867.63	156.9205	169.6711	56.5404	3.5195	10.8474	246.4896	1.3023
08:19:45	499.39	5.71	694.02	1197.80	547.01	74.16	1870.68	156.9205	169.6710	56.5404	3.5659	10.9533	249.3058	1.3180
08:19:46	499.51	5.68	694.51	1203.91	528.69	74.16	1873.73	160.2660	173.2527	56.3143	3.6133	11.0614	252.1033	1.3337
08:19:47	499.51	5.66	694.02	1224.66	517.70	74.16	1876.27	155.3273	167.8103	56.4273	3.6592	11.1662	254.8836	1.3493
08:19:48	499.39	5.65	694.51	1264.96	499.39	74.40	1876.27	156.2832	168.8082	56.4273	3.7053	11.2715	257.6564	1.3650
08:19:49	499.39	5.62	658.36	1255.19	487.18	74.16	1874.75	157.0798	169.5988	56.5404	3.7517	11.3775	260.4195	1.3807
08:19:50	499.51	5.62	658.36	1255.19	487.18	74.16	1874.75	159.7880	172.4786	56.7666	3.7989	11.4851	263.1841	1.3965
08:19:51	499.51	5.60	657.88	1202.69	493.28	74.40	1872.71	165.0453	178.1258	56.7666	3.8476	11.5964	265.9431	1.4123
08:19:52	499.39	5.58	658.36	1155.07	507.94	74.40	1872.71	163.7708	176.6775	56.6535	3.8959	11.7010	268.6813	1.4280
08:19:53	499.51	5.58	658.36	1144.08	506.72	74.64	1874.75	163.7708	176.6776	56.6535	3.9442	11.8056	271.4195	1.4437
08:19:54	499.39	5.56	658.36	1131.87	494.51	74.40	1870.17	156.9205	169.2525	56.4273	3.9905	11.9057	274.1391	1.4594
08:19:55	499.51	5.54	658.36	1101.34	454.21	74.40	1870.17	150.7074	162.5009	56.6535	4.0349	12.0019	276.8583	1.4751
08:19:56	499.51	5.53	657.88	1047.62	421.25	74.16	1871.70	149.2736	160.9550	56.6535	4.0790	12.0972	279.5775	1.4909
08:19:57	499.39	5.51	658.36	1014.65	411.48	73.91	1872.71	147.6805	159.1880	56.4273	4.1225	12.1915	282.2744	1.5066
08:19:58	499.39	5.49	621.73	1046.40	421.25	74.16	1877.29	143.6977	154.8630	56.5404	4.1648	12.2832	284.9692	1.5223
08:19:59	499.51	5.47	621.73	1147.74	468.86	74.16	1875.26	136.6880	147.2859	56.4273	4.2051	12.3703	287.6528	1.5379
08:20:00	499.39	5.45	621.73	1164.83	487.18	74.40	1875.26	132.3867	142.6217	56.6535	4.2441	12.4548	290.3397	1.5537
08:20:01	396.83	5.43	621.73	1164.83	487.18	74.40	1871.70	136.5288	147.0385	56.7666	4.2843	12.5370	293.0204	1.5694
08:20:02	396.83	5.43	621.73	1158.29	536.02	74.64	1875.76	149.7515	161.2377	56.6535	4.3284	12.6271	295.6863	1.5852
08:20:03	396.83	5.43	621.73	1158.29	536.02	74.64	1875.76	151.9818	163.5969	56.6535	4.3731	12.7186	298.3427	1.6009
08:20:04	396.95	5.40	621.73	1173.38	550.67	74.64	1873.22	151.9818	163.5240	56.4273	4.4087	12.8100	300.9790	1.6166
08:20:05	396.83	5.40	621.73	1180.71	550.67	74.88	1876.27	150.8667	162.3242	56.5404	4.4439	12.9008	303.6206	1.6323
08:20:06	396.83	5.37	622.22	1240.54	595.85	75.37	1878.31	150.8667	162.3242	56.5404	4.4792	12.9916	306.2621	1.6480
08:20:07	396.95	5.33	621.73	1285.71	610.50	75.37	1877.80	153.0970	164.6561	56.6535	4.5150	13.0836	308.8938	1.6637
08:20:08	396.83	5.33	622.22	1310.13	622.71	75.37	1877.80	154.0529	165.6841	56.5404	4.5510	13.1763	311.5202	1.6794
08:20:09	396.83	5.32	586.08	1323.56	611.72	75.61	1877.80	161.8591	174.0079	56.8797	4.5888	13.2736	314.1470	1.6952
08:20:10	396.83	5.30	586.57	1285.71	544.57	75.61	1875.26	167.7535	180.2612	56.7666	4.6280	13.3744	316.7515	1.7110
08:20:11	293.16	5.30	586.57	1285.71	544.57	75.61	1875.26	170.9397	183.6849	56.7666	4.6679	13.4772	319.3560	1.7268
08:20:12	293.16	5.26	586.57	1217.34	504.27	75.61	1875.26	172.6921	185.5393	56.6535	4.7082	13.5750	321.9495	1.7425
08:20:13	293.16	5.26	586.57	1180.71	492.06	75.85	1878.31	167.7535	180.1776	56.6535	4.7473	13.6701	324.5317	1.7583
08:20:14	293.16	5.23	586.08	1227.11	494.51	75.85	1878.31	167.7535	180.1434	56.6535	4.7762	13.7651	327.1139	1.7740
08:20:15	293.16	5.23	586.08	1227.11	494.51	75.85	1876.78	158.8322	170.4840	56.7666	4.8036	13.8550	329.6840	1.7898
08:20:16	293.16	5.23	586.08	1202.69	487.18	75.85	1876.78	154.0529	165.3541	56.7666	4.8301	13.9423	332.2542	1.8055
08:20:17	293.16	5.22	586.57	1178.27	461.54	75.61	1876.78	160.1066	171.7811	56.6535	4.8577	14.0328	334.8040	1.8213
08:20:18	293.28	5.19	586.08	1158.73	424.91	75.85	1877.80	160.1066	171.7811	56.6535	4.8853	14.1233	337.3538	1.8370
08:20:19	293.16	5.19	586.08	1159.95	452.99	75.85	1875.26	156.9205	168.3626	56.6535	4.9123	14.2121	339.9036	1.8527
08:20:20	293.16	5.16	552.38	1140.42	454.21	75.85	1871.70	153.7343	164.9185	56.7666	4.9388	14.2991	342.4528	1.8685
08:20:21	230.16	5.16	552.38	1126.98	484.74	75.85	1873.73	151.1853	162.1173	56.7666	4.9648	14.3845	344.9868	1.8843
08:20:22	230.16	5.13	552.38	1120.88	484.74	75.85	1873.73	151.3446	162.2881	56.7666	4.9909	14.4701	347.5207	1.9000
08:20:23	230.16	5.13	552.38	1120.88	507.94	75.85	1872.20	148.7957	159.4890	56.5404	5.0165	14.5493	350.0293	1.9157
08:20:24	230.16	5.13	552.38	1153.85	531.14	76.10	1874.24	147.0432	157.5925	56.6535	5.0363	14.6276	352.5430	1.9315
08:20:25	230.28	5.10	552.38	1183.15	560.44	76.10	1876.78	146.2467	156.6903	56.6535	5.0561	14.7054	355.0452	1.9472
08:20:26	230.28	5.09	552.38	1202.69	543.35	76.10	1875.26	146.2467	156.6903	56.5404	5.0758	14.7833	357.5425	1.9629
08:20:27	230.16	5.07	551.89	1195.36	510.38	76.10	1874.24	150.5480	161.2988	56.6535	5.0961	14.8634	360.0447	1.9787
08:20:28	230.16	5.07	552.38	1137.97	477.41	75.85	1874.24	154.3715	165.3186	56.6535	5.1170	14.9455	362.5299	1.9944
08:20:29	230.28	5.05	552.38	1166.06	476.19	75.85	1874.24	156.9205	168.0223	56.6535	5.1382	15.0290	365.0093	2.0101
08:20:30	230.16	5.03	538.22	1163.61	410.26	76.10	1875.76	155.9646	166.9643	56.6535	5.1592	15.1119	367.4811	2.0259
08:20:31	230.16	5.03	538.22	1163.61	410.26	75.61	1874.75	148.4770	158.9486	56.6535	5.1792	15.1908	369.9529	2.0416
08:20:32	187.91	5.03	538.71	1113.55	362.64	75.61	1874.75	152.1412	162.8208	56.5404	5.1998	15.2717	372.4083	2.0573
08:20:33	188.03	5.03	538.22	1087.91	393.16	75.61	1873.73	151.8225	162.4463	56.6535	5.2202	15.3503	374.8611	2.0731
08:20:34	188.03	5.03	537.73	1081.81	416.38	75.61	1875.76	151.8225	162.4463	56.5404	5.2407	15.4290	377.3090	2.0888
08:20:35	188.03	5.03	538.22	1075.70	437.12	75.61	1875.76	145.2908	155.4455	56.6535	5.2567	15.5043	379.7617	2.1045
08:20:36	187.91	5.00	538.22	1072.04	456.65	75.61	1875.76	141.9453	151.8662	56.7666	5.2723	15.5778	382.2194	2.1203
08:20:37	187.91	5.00	538.22	1089.13	471.31	75.85	1874.75	141.1488	151.0140	56.6535	5.2879	15.6508	384.6722	2.1360
08:20:38	187.91	4.99	538.22	1106.23	496.95	75.85	1874.75	140.3522	150.1617	56.5404	5.3033	15.7235	387.1201	2.1517
08:20:39	187.91	4.99	538.22	1158.73	549.45	75.85	1874.75	139.8743	149.5886	56.5404	5.3187	15.7959	389.5527	2.1674
08:20:40	188.03	4.99	525.03	1172.16	550.67	75.85	1874.75	142.1046	151.9738	56.6535	5.3344	15.8695	391.9903	2.1832
08:20:41	187.91	4.99	524.54	1126.98	504.27	75.85	1873.22	144.3350	154.3352	56.5404	5.3502	15.9442	394.4173	2.1989
08:20:42	165.81	4.97	524.05	1070.82	468.86	75.85	1873.22	151.1853	161.6601	56.5404	5.3669	16.0224	396.8443	2.2146
08:20:43	165.81	4.96	524.05	1052.50	445.67	75.85	1872.20	152.9377	163.5340	56.6535	5.3837	16.0996	399.2761	2.2303
08:20:44	165.81	4.97	524.54	1065.93	415.14	75.61	1872.20	147.0432	157.2311	56.5404	5.3999	16.1738	401.7031	2.2460

08:20:45	165.81	4.96	524.54	1004.88	410.26	75.61	1872.20	139.7150	149.3582	56.5404	5.4134	16.2442	404.1225	2.2617
08:20:46	165.81	4.96	524.54	1004.88	410.26	75.61	1872.20	137.3253	146.7809	56.5404	5.4268	16.3134	406.5362	2.2774
08:20:47	165.81	4.93	524.05	1003.66	418.80	75.61	1872.20	139.0777	148.6770	56.4273	5.4403	16.3835	408.9507	2.2931
08:20:48	165.81	4.93	524.05	1008.10	413.92	75.37	1872.20	131.1122	140.1328	56.5404	5.4530	16.4496	411.3625	2.3088
08:20:49	165.81	4.92	524.54	1023.20	379.73	75.13	1873.73	131.1122	140.1328	56.5404	5.4657	16.5157	413.7743	2.3245
08:20:50	165.81	4.93	508.42	1054.94	366.30	75.37	1873.73	130.9529	139.9047	56.5404	5.4784	16.5817	416.1709	2.3402
08:20:51	165.81	4.92	508.42	1081.81	391.94	75.13	1873.73	131.2714	140.2450	56.6535	5.4911	16.6478	418.5723	2.3559
08:20:52	142.37	4.92	508.91	1091.57	413.92	75.37	1873.73	133.5019	142.6058	56.5404	5.5041	16.7150	420.9632	2.3717
08:20:53	142.37	4.90	508.42	1078.14	440.78	75.13	1875.26	137.6439	147.0607	56.7666	5.5174	16.7823	423.3713	2.3874
08:20:54	142.37	4.89	508.42	1064.71	440.78	75.13	1875.26	141.1488	150.7820	56.5404	5.5311	16.8512	425.7641	2.4031
08:20:55	142.37	4.89	508.42	1064.71	450.55	75.13	1874.24	142.4232	152.1369	56.7666	5.5430	16.9209	428.1665	2.4189
08:20:56	142.49	4.89	508.42	1095.24	490.84	75.37	1878.81	140.6708	150.2339	56.5404	5.5547	16.9896	430.5517	2.4346
08:20:57	142.37	4.88	508.42	1156.29	510.38	75.61	1879.83	138.9184	148.3394	56.5404	5.5662	17.0574	432.9312	2.4503
08:20:58	142.37	4.88	503.54	1206.35	509.16	75.61	1879.83	138.9184	148.3394	56.6535	5.5778	17.1252	435.3155	2.4660
08:20:59	142.37	4.88	492.31	1200.24	493.28	75.37	1879.83	142.9012	152.5923	56.7666	5.5897	17.1950	437.7045	2.4818
08:21:00	142.37	4.88	492.31	1180.71	438.34	75.37	1879.83	150.8667	161.0647	56.8797	5.6023	17.2686	440.0906	2.4976
08:21:01	144.44	4.87	492.31	1090.35	378.51	74.88	1878.81	157.3984	168.0379	56.6535	5.6154	17.3447	442.4673	2.5133
08:21:02	144.44	4.88	492.31	1051.28	373.63	74.88	1878.81	156.6018	167.1875	56.7666	5.6284	17.4187	444.8487	2.5291
08:21:03	144.44	4.88	491.82	1051.28	373.63	74.88	1877.29	154.0529	164.4663	56.6535	5.6412	17.4916	447.2253	2.5449
08:21:04	144.44	4.87	492.80	1001.22	416.36	74.88	1871.19	142.2639	151.8575	56.6535	5.6532	17.5588	449.5963	2.5606
08:21:05	144.44	4.87	491.82	1018.31	450.55	74.88	1873.22	137.1660	146.4385	56.6535	5.6648	17.6236	451.9729	2.5763
08:21:06	144.44	4.87	492.31	1076.92	512.82	75.13	1875.26	137.1660	146.4385	56.7666	5.6764	17.6884	454.3543	2.5921
08:21:07	144.44	4.87	492.31	1076.92	512.82	75.13	1875.26	130.6343	139.4436	56.5404	5.6874	17.7502	456.7206	2.6078
08:21:08	144.44	4.85	492.31	1142.86	579.98	75.37	1875.26	132.8645	141.8242	56.5404	5.6986	17.8129	459.0868	2.6235
08:21:09	144.44	4.85	494.26	1134.31	590.98	75.37	1871.19	140.5115	149.9869	56.6535	5.7105	17.8793	461.4577	2.6392
08:21:10	144.44	4.85	494.26	1134.31	590.98	75.37	1871.19	140.5115	149.9869	56.6535	5.7224	17.9457	463.8287	2.6550
08:21:11	139.93	4.85	494.26	1152.63	601.95	75.61	1868.14	149.1143	159.1369	56.6535	5.7349	18.0162	466.1920	2.6707
08:21:12	139.93	4.86	494.26	1145.30	509.16	75.37	1868.14	147.9991	157.9468	56.6535	5.7474	18.0864	468.5553	2.6865
08:21:13	139.93	4.85	493.77	1090.35	439.56	75.37	1868.14	147.9991	157.9468	56.6535	5.7599	18.1566	470.9187	2.7022
08:21:14	139.93	4.85	494.26	1037.85	411.48	75.13	1868.14	150.3887	160.4957	56.6535	5.7722	18.2280	473.2820	2.7179
08:21:15	139.93	4.84	494.26	1034.19	415.14	75.37	1870.17	149.4329	159.5003	56.6535	5.7844	18.2989	475.6511	2.7337
08:21:16	139.93	4.84	494.26	1056.17	415.14	75.37	1870.17	142.2639	151.8249	56.5404	5.7961	18.3663	478.0097	2.7494
08:21:17	139.93	4.84	494.26	1061.05	426.13	75.37	1872.20	135.4136	144.5142	56.4273	5.8071	18.4305	480.3636	2.7650
08:21:18	139.93	4.84	494.26	1061.05	426.13	75.37	1872.20	134.9357	143.9818	56.5404	5.8182	18.4945	482.7165	2.7808
08:21:19	139.93	4.86	494.26	1089.13	477.41	75.37	1874.24	137.8033	147.0416	56.5404	5.8294	18.5599	485.0694	2.7965
08:21:20	139.93	4.86	494.26	1126.98	495.73	75.37	1874.24	138.4405	147.7216	56.6535	5.8408	18.6255	487.4271	2.8122
08:21:21	131.38	4.86	493.77	1153.85	509.16	75.61	1872.20	138.4405	147.7216	56.6535	5.8521	18.6912	489.7847	2.8279
08:21:22	131.38	4.86	493.77	1153.85	509.16	75.61	1872.20	142.1046	151.6705	56.5404	5.8637	18.7586	492.1471	2.8436
08:21:23	131.50	4.86	494.26	1146.52	525.03	75.61	1872.20	147.0432	156.9416	56.6535	5.8757	18.8284	494.5142	2.8594
08:21:24	131.50	4.87	493.77	1158.73	501.83	75.61	1873.22	150.5480	160.6798	56.5404	5.8873	18.8997	496.8767	2.8751
08:21:25	131.50	4.87	494.26	1136.75	488.40	75.61	1875.76	150.5480	160.6798	56.5404	5.8988	18.9711	499.2391	2.8908
08:21:26	131.50	4.85	494.26	1150.18	488.40	75.61	1875.76	149.5922	159.6597	56.5404	5.9103	19.0421	501.6015	2.9065
08:21:27	131.50	4.85	494.26	1150.18	505.49	75.85	1874.24	151.1853	161.3850	56.6535	5.9219	19.1137	503.9743	2.9222
08:21:28	131.50	4.85	494.26	1113.55	525.03	75.85	1874.24	148.3177	158.3239	56.6535	5.9333	19.1841	506.3472	2.9380
08:21:29	131.50	4.85	487.91	1125.76	510.38	76.10	1875.76	150.0701	160.1532	56.6535	5.9449	19.2553	508.7105	2.9537
08:21:30	131.50	4.85	487.91	1142.86	527.47	76.10	1874.75	150.0701	160.1532	56.6535	5.9564	19.3265	511.0739	2.9694
08:21:31	128.45	4.85	488.40	1142.86	547.01	76.10	1874.75	145.2908	155.0528	56.5404	5.9676	19.3954	513.4325	2.9851
08:21:32	128.45	4.85	488.40	1156.29	529.91	76.10	1872.71	146.8839	156.7529	56.5404	5.9789	19.4642	515.7911	3.0009
08:21:33	128.45	4.84	488.40	1162.39	511.60	76.34	1874.24	149.1143	159.1331	56.6535	5.9903	19.5340	518.1544	3.0166
08:21:34	128.45	4.84	488.40	1162.39	511.60	76.34	1874.24	149.1143	159.1322	56.7666	6.0015	19.6039	520.5225	3.0324
08:21:35	128.57	4.82	487.91	1147.74	455.43	76.34	1872.71	150.8667	161.0024	56.6535	6.0128	19.6746	522.8858	3.0481
08:21:36	128.57	4.82	488.40	1148.96	420.02	76.10	1872.71	151.6632	161.8274	56.6535	6.0242	19.7457	525.2435	3.0638
08:21:37	128.45	4.80	488.40	1145.30	393.16	76.34	1873.73	151.6632	161.8274	56.6535	6.0356	19.8168	527.6011	3.0796
08:21:38	128.45	4.80	487.91	1131.87	409.04	76.34	1872.20	149.7515	159.7463	56.6535	6.0468	19.8869	529.9492	3.0953
08:21:39	128.57	4.80	487.91	1131.87	409.04	76.34	1872.20	149.9108	159.9163	56.6535	6.0581	19.9571	532.2973	3.1110
08:21:40	128.45	4.81	482.54	1129.43	450.55	76.58	1872.20	149.4329	159.3652	56.5404	6.0693	20.0271	534.6313	3.1267
08:21:41	124.54	4.80	482.54	1135.53	457.88	76.34	1873.73	147.6805	157.4964	56.6535	6.0804	20.0962	536.9699	3.1425
08:21:42	124.54	4.80	482.05	1145.30	446.89	76.58	1873.73	147.6805	157.4964	56.6535	6.0915	20.1653	539.3085	3.1582
08:21:43	124.54	4.78	482.05	1148.96	440.78	76.34	1877.29	147.3619	157.1809	56.6535	6.1025	20.2335	541.6528	3.1740
08:21:44	124.54	4.76	482.05	1134.31	418.36	76.10	1877.29	148.1584	157.9968	56.6535	6.1133	20.3021	543.9895	3.1897
08:21:45	124.54	4.78	482.05	1109.89	408.59	76.10	1873.73	149.4329	159.3559	56.6535	6.1241	20.3712	546.3262	3.2054
08:21:46	124.54	4.76	482.54	1103.79	399.27	75.85	1873.73	149.9108	159.8408	56.7666	6.1350	20.4405	548.6618	3.2212
08:21:47	124.42	4.78	482.54	1103.79	399.27	75.85	1873.73	147.9991	157.7617	56.7666	6.1458	20.5089	550.9879	3.2370
08:21:48	124.42	4.76	482.05	1158.73	481.54	76.10	1876.27	144.8129	154.3972	56.6535	6.1563	20.5758	553.3170	3.2527
08:21:49	124.42	4.76	482.05	1158.73	481.54	76.10	1876.27	144.0164	153.5162	56.5404	6.1668	20.6424	555.6338	3.2684
08:21:50	124.54	4.78	486.45	1145.30	471.31	76.10	1876.27	144.0164	153.5400	56.5404	6.1773	20.7091	557.9564	3.2841
08:21:51	120.02	4.78	485.96	1105.01	407.81	75.61	1874.24	151.1853	161.1580	56.7666	6.1882	20.7789	560.2825	3.2999

08:21:52	119.90	4.80	485.96	1074.48	390.72	75.61	1874.24	151.1853	161.1580	56.7666	6.1992	20.8488	562.6086	3.3157
08:21:53	120.02	4.80	485.96	1030.52	349.21	75.37	1873.73	149.4329	159.3229	56.6535	6.2101	20.9185	564.9377	3.3314
08:21:54	120.02	4.78	485.96	1029.30	357.75	75.37	1875.76	144.1757	153.7165	56.5404	6.2202	20.9857	567.2621	3.3471
08:21:55	119.90	4.80	485.96	1041.51	420.02	75.61	1875.76	140.1929	149.5010	56.5404	6.2300	21.0510	569.5941	3.3628
08:21:56	119.90	4.80	485.96	1056.17	467.64	75.61	1873.22	134.4576	143.3850	56.6535	6.2394	21.1137	571.9308	3.3785
08:21:57	120.02	4.80	485.96	1048.84	488.40	75.61	1873.22	134.2984	143.1930	56.7666	6.2488	21.1763	574.2665	3.3943
08:21:58	120.02	4.80	485.96	1080.59	496.95	75.61	1873.22	135.8915	144.9216	56.6535	6.2583	21.2396	576.6051	3.4100
08:21:59	120.02	4.81	490.35	1128.20	484.74	75.61	1875.76	137.8033	146.9603	56.6535	6.2680	21.3038	578.9437	3.4258
08:22:00	120.02	4.81	490.35	1123.32	483.52	75.61	1875.76	136.8474	145.9410	56.6535	6.2776	21.3676	581.2823	3.4415
08:22:01	120.02	4.81	490.35	1123.32	483.52	75.61	1875.76	140.9895	150.3583	56.6535	6.2875	21.4333	583.6209	3.4573
08:22:02	134.43	4.79	489.87	1206.35	487.18	75.85	1877.29	147.2025	157.0085	56.6535	6.2978	21.5026	585.9652	3.4730
08:22:03	134.31	4.80	489.87	1184.37	477.41	75.61	1875.76	146.5653	156.3289	56.6535	6.3080	21.5715	588.3095	3.4887
08:22:04	134.43	4.80	489.87	1128.20	431.01	75.37	1875.76	146.5653	156.3289	56.6535	6.3183	21.6404	590.6538	3.5045
08:22:05	134.43	4.80	489.87	1097.68	396.83	75.61	1875.76	157.3984	167.8360	56.7666	6.3307	21.7144	592.9913	3.5202
08:22:06	134.43	4.80	489.87	1103.79	438.34	75.61	1875.76	154.5308	164.8123	56.6535	6.3428	21.7870	595.3319	3.5360
08:22:07	134.43	4.80	489.87	1120.88	506.72	75.61	1875.76	147.2025	156.9965	56.6535	6.3543	21.8562	597.6724	3.5517
08:22:08	134.31	4.80	489.87	1123.32	493.28	75.61	1875.76	143.2198	152.7488	56.7666	6.3656	21.9235	600.0175	3.5675
08:22:09	134.43	4.80	486.45	1123.32	493.28	75.61	1875.76	144.0164	153.5983	56.7666	6.3769	21.9911	602.3627	3.5833
08:22:10	134.31	4.80	485.96	1120.88	501.83	75.85	1875.76	146.2467	155.9770	56.6535	6.3884	22.0598	604.7032	3.5990
08:22:11	125.52	4.80	485.96	1170.94	547.01	76.10	1875.76	146.5653	156.3168	56.6535	6.3999	22.1287	607.0437	3.6147
08:22:12	125.52	4.78	485.96	1186.81	570.21	76.10	1877.80	146.5653	156.3169	56.5404	6.4114	22.1971	609.3795	3.6304
08:22:13	125.52	4.78	485.96	1186.81	570.21	76.10	1877.80	146.2467	155.9770	56.7666	6.4228	22.2653	611.7247	3.6462
08:22:14	125.52	4.80	486.45	1196.58	594.63	76.34	1869.15	152.7784	162.9406	56.7666	6.4340	22.3365	614.0699	3.6620
08:22:15	125.40	4.80	485.96	1135.53	572.65	76.34	1867.63	154.8494	165.1068	56.6535	6.4454	22.4086	616.4009	3.6777
08:22:16	125.52	4.79	485.96	1098.90	572.65	76.34	1867.63	154.8494	165.1068	56.6535	6.4567	22.4808	618.7319	3.6934
08:22:17	125.40	4.79	485.96	1095.24	538.46	76.58	1866.61	156.1239	166.5001	56.5404	6.4682	22.5536	621.0658	3.7091
08:22:18	125.40	4.79	486.45	1102.56	482.30	76.34	1868.14	148.1584	158.0052	56.4273	6.4790	22.6227	623.3951	3.7248
08:22:19	125.52	4.79	484.49	1102.56	482.30	76.34	1868.14	143.3791	152.8846	56.4273	6.4895	22.6895	625.7186	3.7405
08:22:20	125.52	4.78	484.49	1091.57	457.88	76.34	1869.15	142.9012	152.3749	56.5404	6.5000	22.7561	628.0469	3.7562
08:22:21	125.52	4.78	484.49	1091.57	457.88	76.34	1869.15	143.8570	153.3941	56.4273	6.5105	22.8232	630.3704	3.7719
08:22:22	128.45	4.78	484.49	1067.16	455.43	76.34	1870.17	143.8570	153.3942	56.4273	6.5211	22.8900	632.6940	3.7875
08:22:23	128.45	4.78	484.49	1051.28	423.69	76.34	1871.19	142.4232	151.8418	56.5404	6.5315	22.9562	635.0166	3.8033
08:22:24	128.45	4.76	484.49	1059.83	409.04	76.34	1871.19	142.4232	151.8418	56.5404	6.5419	23.0224	637.3391	3.8190
08:22:25	128.45	4.77	484.49	1054.94	413.92	76.34	1871.19	139.2371	148.4457	56.5404	6.5524	23.0870	639.6616	3.8347
08:22:26	128.45	4.77	484.49	1090.35	456.65	76.34	1872.71	137.1660	146.2377	56.5404	6.5627	23.1507	641.9842	3.8504
08:22:27	128.45	4.77	484.49	1090.35	456.65	76.34	1872.71	138.2812	147.3886	56.6535	6.5730	23.2150	644.3018	3.8661
08:22:28	128.45	4.77	484.49	1117.22	429.79	76.34	1871.19	137.6439	146.7321	56.6535	6.5833	23.2789	646.6252	3.8818
08:22:29	128.45	4.76	482.05	1111.11	420.02	76.34	1871.19	142.2639	151.6571	56.5404	6.5940	23.3450	648.9440	3.8976
08:22:30	128.45	4.76	483.03	1111.11	420.02	76.34	1871.19	142.2639	151.6571	56.5404	6.6047	23.4111	651.2627	3.9133
08:22:31	126.37	4.74	482.05	1091.57	427.35	76.34	1872.20	145.7688	155.3933	56.4273	6.6156	23.4788	653.5768	3.9289
08:22:32	126.50	4.76	482.54	1118.44	471.31	76.58	1874.24	144.9722	154.5203	56.4273	6.6265	23.5458	655.8852	3.9446
08:22:33	126.50	4.74	482.54	1151.40	508.72	76.58	1874.24	144.9722	154.5203	56.4273	6.6373	23.6129	658.1936	3.9603
08:22:34	126.50	4.74	482.54	1151.40	508.72	76.58	1874.24	142.4232	151.7715	56.6535	6.6478	23.6787	660.5037	3.9760
08:22:35	126.37	4.75	482.05	1190.48	526.25	76.58	1875.76	145.9281	155.5465	56.5404	6.6586	23.7462	662.8186	3.9917
08:22:36	126.37	4.75	482.54	1202.69	525.03	76.58	1875.76	150.2294	160.0818	56.5404	6.6697	23.8157	665.1222	4.0074
08:22:37	126.37	4.75	482.54	1214.90	517.70	76.58	1874.75	150.2294	160.0818	56.5404	6.6808	23.8851	667.4257	4.0231
08:22:38	126.37	4.74	482.05	1194.14	492.06	76.58	1874.75	155.3273	165.5482	56.6535	6.6922	23.9569	669.7415	4.0389
08:22:39	126.37	4.74	482.05	1155.07	461.54	76.34	1873.22	156.9205	167.2462	56.6535	6.7038	24.0295	672.0573	4.0546
08:22:40	126.50	4.72	482.54	1124.54	391.94	76.34	1872.20	158.5136	168.9441	56.7666	6.7155	24.1028	674.3776	4.0704
08:22:41	126.37	4.72	482.54	1095.24	388.28	76.34	1873.22	155.8053	166.0233	56.6535	6.7270	24.1748	676.6858	4.0861
08:22:42	127.47	4.72	482.05	1057.39	421.25	76.34	1871.70	150.7074	160.5910	56.6535	6.7381	24.2444	678.9940	4.1019
08:22:43	127.35	4.74	482.54	1031.75	439.56	76.34	1870.17	146.7246	156.3229	56.6535	6.7489	24.3122	681.2964	4.1176
08:22:44	127.47	4.72	482.54	986.57	448.11	76.34	1868.65	142.9012	152.2493	56.6535	6.7595	24.3783	683.5988	4.1333
08:22:45	127.35	4.72	482.54	904.76	435.90	76.34	1780.68	137.9626	146.9879	56.5404	6.7697	24.4420	685.8967	4.1490
08:22:46	127.47	4.72	482.54	904.76	435.90	76.34	1780.68	134.6171	143.4458	56.5404	6.7797	24.5043	688.2002	4.1647
08:22:47	127.47	4.72	482.54	747.25	389.50	76.34	1754.75	128.7226	137.1435	56.3143	6.7893	24.5638	690.4889	4.1804
08:22:48	127.47	4.71	482.54	572.65	326.01	76.34	1619.49	118.0488	125.7714	53.7134	6.7981	24.6184	692.6719	4.1953
08:22:49	127.47	4.71	482.05	492.06	290.60	76.34	1551.36	118.0488	125.7714	53.7134	6.8068	24.6729	694.8548	4.2102
08:22:50	127.35	4.71	480.10	410.26	246.64	76.34	1505.09	97.4978	103.8760	52.9218	6.8141	24.7180	697.0056	4.2249
08:22:51	127.47	4.71	480.59	360.20	223.44	76.10	1461.87	74.7164	79.5920	48.8509	6.8196	24.7526	698.9860	4.2385
08:22:52	125.52	4.71	480.10	299.15	196.58	76.10	1380.51	64.2020	68.3914	47.4940	6.8244	24.7822	700.9114	4.2517
08:22:53	125.52	4.71	480.59	261.29	163.61	76.10	1270.68	53.5282	57.0211	45.3454	6.8284	24.8068	702.7497	4.2643
08:22:54	125.52	4.71	480.59	261.29	163.61	76.10	1270.68	46.9965	50.0632	44.1015	6.8319	24.8285	704.5376	4.2765
08:22:55	125.52	4.71	480.59	241.76	148.96	75.85	1197.97	39.0310	41.5777	41.6138	6.8347	24.8464	706.2246	4.2881
08:22:56	125.52	4.71	480.10	206.35	118.44	75.61	1152.20	34.0924	36.3169	38.4475	6.8372	24.8621	707.7833	4.2988
08:22:57	125.52	4.71	480.10	183.15	101.34	75.61	1080.51	34.0924	36.3169	38.4475	6.8397	24.8778	709.3420	4.3094
08:22:58	125.52	4.71	481.07	151.40	86.69	75.37	1034.24	31.5434	33.6016	36.0728	6.8420	24.8923	710.8044	4.3195

08:22:59	125.52	4.73	480.10	134.31	79.37	75.37	978.81	26.9234	28.6802	34.8289	6.8440	24.9047	712.2163	4.3291
08:23:00	125.52	4.73	478.14	119.66	75.70	75.37	904.58	23.8965	25.4558	32.5673	6.8458	24.9157	713.5366	4.3382
08:23:01	121.98	4.72	478.63	112.33	76.92	75.37	788.14	19.7544	21.0434	31.2103	6.8472	24.9248	714.8019	4.3469
08:23:02	121.98	4.72	478.63	112.33	76.92	75.37	788.14	17.5241	18.6714	29.5141	6.8485	24.9329	716.0023	4.3551
08:23:03	121.86	4.73	478.14	108.67	75.70	75.37	716.44	15.6124	16.6345	27.3656	6.8496	24.9400	717.1154	4.3627
08:23:04	121.98	4.73	478.14	108.23	75.70	75.37	743.90	14.6565	15.6136	23.8601	6.8507	24.9467	718.0835	4.3693
08:23:05	121.86	4.73	478.14	106.23	78.14	75.61	785.59	14.6565	15.6136	23.8601	6.8517	24.9535	719.0516	4.3759
08:23:06	121.86	4.71	478.14	109.89	78.14	75.37	728.14	14.1786	15.1068	21.5984	6.8527	24.9600	719.9301	4.3819
08:23:07	121.86	4.69	478.14	106.23	75.70	75.37	666.61	13.8600	14.7673	19.9022	6.8537	24.9663	720.7396	4.3874
08:23:08	121.86	4.69	478.14	106.23	73.26	75.37	741.36	13.8600	14.7673	17.1883	6.8547	24.9727	721.4387	4.3922
08:23:09	121.86	4.58	401.47	98.90	65.93	75.37	711.86	14.3379	15.2726	15.8313	6.8557	24.9792	722.0800	4.3966
08:23:10	114.65	4.51	401.47	98.90	67.16	75.37	711.86	13.8600	14.7589	14.4743	6.8567	24.9856	722.6634	4.4006
08:23:11	114.65	4.51	401.47	98.90	67.16	75.37	703.22	13.8600	14.7589	11.9866	6.8577	24.9919	723.1465	4.4040
08:23:12	114.77	4.36	401.95	103.79	85.47	75.61	705.76	12.9041	13.7219	8.4811	6.8586	24.9969	723.4807	4.4063
08:23:13	114.77	4.36	401.95	103.79	85.47	75.61	705.76	12.9041	13.7097	8.4811	6.8595	25.0018	723.8099	4.4087
08:23:14	114.65	4.21	401.95	105.01	80.59	75.61	695.08	12.9041	13.7097	7.2372	6.8603	25.0068	724.0909	4.4107
08:23:15	114.77	4.12	401.95	105.01	75.70	75.61	686.95	13.5413	14.3569	3.7317	6.8612	25.0120	724.2308	4.4117
08:23:16	114.65	3.93	401.95	103.79	69.60	75.61	686.95	13.5413	14.3569	3.7317	6.8621	25.0172	724.3707	4.4128
08:23:17	114.65	3.83	401.47	102.56	67.16	75.61	687.97	13.7007	14.4973	2.3747	6.8630	25.0224	724.4567	4.4134
08:23:18	114.77	3.67	401.95	102.56	68.38	75.61	684.92	13.7007	14.4793	1.4701	6.8639	25.0276	724.5087	4.4138
08:23:19	114.65	3.55	323.81	101.34	64.71	75.61	684.92	13.5413	14.2761	1.0177	6.8648	25.0328	724.5431	4.4141
08:23:20	114.65	3.35	324.30	97.68	58.61	75.37	686.44	13.3820	14.0899	0.1131	6.8657	25.0379	724.5469	4.4141
08:23:21	107.08	3.20	324.30	91.58	52.50	75.37	684.92	13.3820	14.0585	0.1131	6.8666	25.0430	724.5504	4.4142
08:23:22	107.08	3.06	323.81	90.35	51.28	75.37	687.46	13.2227	13.8695	0.1131	6.8675	25.0470	724.5539	4.4142
08:23:23	107.08	2.71	324.30	90.35	54.95	75.13	685.42	12.7448	13.3329	0.1131	6.8683	25.0509	724.5572	4.4142
08:23:24	107.08	2.58	324.30	90.35	54.95	75.13	685.42	11.9483	12.4747	0.1131	6.8691	25.0545	724.5603	4.4143
08:23:25	107.08	2.58	324.30	91.58	56.17	75.37	683.90	11.7889	12.2854	0.1131	6.8698	25.0581	724.5632	4.4143
08:23:26	107.08	2.38	324.30	91.58	56.17	75.13	686.95	11.7889	12.2286	0.1131	6.8705	25.0617	724.5659	4.4143
08:23:27	107.08	2.24	324.30	92.80	59.83	75.13	686.95	11.7889	12.2076	0.1131	6.8712	25.0652	724.5684	4.4144
08:23:28	107.08	2.05	323.81	95.24	64.71	75.37	686.95	11.9483	12.3726	0.1131	6.8719	25.0688	724.5709	4.4144
08:23:29	107.20	1.94	211.97	96.46	64.71	75.37	684.92	11.9483	12.3391	0.1131	6.8727	25.0724	724.5732	4.4144
08:23:30	107.08	1.85	211.97	97.68	62.27	75.13	684.92	12.1076	12.4795	0.1131	6.8734	25.0761	724.5754	4.4145

12-MAY-93 09:10 LACMTA Emissions Testing Facility

Test : RTD MODIFIED COMMUTER PHASE OF ADB CYCLE
Test number : 1075
Test options: Dilute Modal Bag Diesel Auxiliary data Second by Second Data Particulate sampling Smoke meter

TEST TIME (s)	--DILUTE CONCENTRATIONS-- HC (ppm)	CO (ppm)	NOx (ppm)	CO2 (%)	--------MODAL GRAMS-------- HC	CO	NOx	CO2	EXH VOL (Cu.f)	DIL. RATIO	A/F RATIO	DRIV. VIOL. (s)	DIST-ANCE (Mi)	SPEED	FUEL Mpg-US Gal/Hr	SMOKE MTR (%)	----AUXILIARY SIGNALS---- OIL			
0 DL	4.1	4.5	16.0	0.14	0.003	0.007	0.04	3.50	48.35	73.52	23.16	0.0	0.000	0.0	1.24	2.38	195.0	0.0	0.0	0.0
1 DL	4.1	4.5	16.0	0.14	0.003	0.007	0.04	3.50	48.34	73.46	23.15	0.0	0.000	0.0	1.24	2.51	195.0	0.0	0.0	0.0
2 DL	4.1	4.5	16.3	0.14	0.003	0.007	0.04	3.51	48.35	73.33	23.14	0.0	0.000	0.0	1.25	2.56	195.0	0.0	0.0	0.0
3 DL	4.1	4.4	16.0	0.14	0.003	0.007	0.04	3.51	48.35	73.27	23.13	0.0	0.000	0.0	1.25	2.41	195.0	0.0	0.0	0.0
4 DL	4.1	4.5	16.0	0.14	0.003	0.007	0.04	3.52	48.34	73.14	23.12	0.0	0.000	0.0	1.25	2.39	194.9	0.0	0.0	0.0
5 DL	4.1	4.4	16.2	0.14	0.003	0.007	0.04	3.52	48.34	73.14	23.12	0.0	0.000	0.0	1.25	2.43	194.9	0.0	0.0	0.0
6 DL	4.1	4.3	16.2	0.14	0.003	0.007	0.04	3.52	48.34	73.14	23.12	0.0	0.000	0.0	1.25	2.40	194.8	0.0	0.0	0.0
7 DL	4.1	4.3	16.1	0.14	0.003	0.007	0.04	3.52	48.35	73.11	23.12	0.0	0.000	0.0	1.25	2.37	194.8	0.0	0.0	0.0
8 DL	4.1	4.2	16.0	0.14	0.003	0.007	0.04	3.52	48.35	73.15	23.12	0.0	0.000	0.0	1.25	2.52	194.7	0.0	0.0	0.0
9 DL	4.0	4.2	15.9	0.14	0.003	0.007	0.04	3.52	48.35	73.15	23.12	0.0	0.000	0.0	1.25	2.52	194.7	0.0	0.0	0.0
10 DL	4.0	4.2	15.9	0.14	0.003	0.007	0.04	3.52	48.35	73.15	23.12	0.0	0.000	0.0	1.25	2.40	194.7	0.0	0.0	0.0
11 DL	4.0	4.2	15.9	0.14	0.003	0.007	0.04	3.52	48.35	73.15	23.12	0.0	0.000	0.0	1.25	2.38	194.6	0.0	0.0	0.0
12 DL	4.0	4.3	16.0	0.14	0.003	0.007	0.04	3.52	48.35	73.15	23.12	0.0	0.000	0.0	1.25	2.36	194.6	0.0	0.0	0.0
13 DL	4.0	4.3	15.8	0.14	0.003	0.007	0.04	3.52	48.34	73.15	23.12	0.0	0.000	0.0	1.25	2.40	194.6	0.0	0.0	0.0
14 DL	4.0	4.3	15.5	0.14	0.003	0.007	0.04	3.51	48.35	73.28	23.13	0.0	0.000	0.0	1.25	2.38	194.6	0.0	0.0	0.0
15 DL	4.0	4.3	15.8	0.14	0.003	0.007	0.04	3.52	48.35	73.18	23.13	0.0	0.000	0.0	1.25	2.36	194.6	0.0	0.0	0.0
16 DL	4.0	4.3	15.6	0.14	0.003	0.007	0.04	3.56	48.80	73.05	23.11	0.0	0.000	0.0	1.27	2.32	194.5	0.0	0.0	0.0
17 DL	4.0	4.3	15.7	0.14	0.003	0.007	0.04	3.53	48.34	72.99	23.11	0.0	0.000	0.0	1.25	2.52	194.4	0.0	0.0	0.0
18 DL	4.0	4.3	15.7	0.14	0.003	0.007	0.04	3.53	48.35	72.96	23.10	0.0	0.000	0.0	1.26	2.42	194.4	0.0	0.0	0.0
19 DL	4.0	4.3	15.7	0.14	0.003	0.007	0.04	3.54	48.35	72.83	23.09	0.0	0.000	0.0	1.26	2.36	194.4	0.0	0.0	0.0
20 DL	4.0	4.4	16.0	0.14	0.003	0.007	0.04	3.54	48.35	72.82	23.09	0.0	0.000	0.0	1.26	2.49	194.4	0.0	0.0	0.0
21 DL	4.1	4.9	17.8	0.14	0.003	0.008	0.05	3.58	48.35	72.11	23.02	0.0	0.000	0.9	0.62	2.41	194.3	0.0	0.0	0.0
22 DL	4.3	5.8	21.1	0.15	0.003	0.009	0.06	3.75	48.36	69.59	22.79	0.0	0.001	3.2	2.36	2.55	194.4	0.0	0.0	0.0
23 DL	4.5	7.0	25.4	0.16	0.004	0.011	0.07	4.09	48.36	65.01	22.37	0.0	0.001	3.4	2.33	3.81	194.4	0.0	0.0	0.0
24 DL	4.8	11.2	30.7	0.18	0.004	0.018	0.08	4.57	48.34	59.39	21.88	0.0	0.001	4.1	2.48	3.98	194.4	0.0	0.0	0.0
25 DL	5.4	28.2	40.9	0.21	0.004	0.045	0.11	5.30	48.35	52.32	21.28	0.0	0.001	5.2	2.69	4.20	194.4	0.0	0.0	0.0
26 DL	6.6	62.1	55.5	0.27	0.005	0.099	0.15	6.73	48.35	42.53	20.51	0.0	0.002	6.9	2.79	8.96	194.3	0.0	0.0	0.0
27 DL	8.0	106.7	76.2	0.36	0.006	0.170	0.20	8.96	48.35	32.86	19.80	0.0	0.002	8.4	2.53	15.38	194.3	0.0	0.0	0.0
28 DL	9.7	142.0	116.1	0.49	0.008	0.226	0.30	12.26	48.35	24.77	19.26	0.0	0.003	10.2	2.25	17.09	194.3	0.0	0.0	0.0
29 DL	11.7	148.4	170.5	0.68	0.009	0.237	0.45	17.01	48.35	18.35	18.86	0.0	0.003	11.8	1.90	20.09	194.3	0.0	0.0	0.0
30 DL	13.3	135.5	209.9	0.88	0.011	0.216	0.55	21.95	48.32	14.43	18.63	0.0	0.004	14.4	1.80	21.33	194.4	0.0	0.0	0.0
31 DL	14.6	120.0	229.3	1.03	0.012	0.191	0.60	25.72	48.29	12.42	18.51	0.0	0.004	15.8	1.71	17.11	194.5	0.0	0.0	0.0
32 DL	15.6	106.8	236.1	1.15	0.012	0.170	0.62	28.74	48.28	11.18	18.44	0.0	0.005	17.1	1.66	13.25	194.7	0.0	0.0	0.0
33 DL	16.6	96.2	236.3	1.25	0.013	0.153	0.62	31.27	48.26	10.31	18.39	0.0	0.005	18.4	1.64	10.88	194.9	0.0	0.0	0.0
34 DL	17.5	88.2	235.2	1.32	0.014	0.140	0.61	33.08	48.24	9.77	18.36	0.0	0.005	19.6	1.66	9.53	195.0	0.0	0.0	0.0
35 DL	18.1	86.1	237.4	1.37	0.014	0.137	0.62	34.25	48.22	9.44	18.34	0.0	0.006	21.0	1.71	8.46	195.1	0.0	0.0	0.0
36 DL	18.4	92.6	250.9	1.39	0.014	0.147	0.66	34.82	48.21	9.29	18.33	0.0	0.006	22.8	1.83	7.32	195.3	0.0	0.0	0.0
37 DL	18.5	100.7	259.7	1.41	0.015	0.160	0.68	35.15	48.20	9.20	18.32	0.0	0.007	23.7	1.88	6.34	195.5	0.0	0.0	0.0
38 DL	18.7	105.1	264.2	1.43	0.015	0.167	0.69	35.64	48.20	9.07	18.32	0.0	0.007	24.9	1.95	5.65	195.7	0.0	0.0	0.0
39 DL	19.0	104.4	264.5	1.45	0.015	0.166	0.69	36.33	48.19	8.90	18.31	0.0	0.007	26.0	2.00	5.49	195.9	0.0	0.0	0.0
40 DL	19.4	99.0	262.9	1.49	0.015	0.157	0.69	37.14	48.19	8.72	18.30	0.0	0.007	27.0	2.04	5.95	196.1	0.0	0.0	0.0
41 DL	20.0	91.9	258.3	1.51	0.016	0.146	0.67	37.79	48.17	8.58	18.29	0.0	0.008	28.0	2.07	6.76	196.3	0.0	0.0	0.0
42 DL	20.5	91.7	249.4	1.53	0.016	0.146	0.65	38.15	48.16	8.50	18.28	0.0	0.008	28.9	2.12	7.15	196.5	0.0	0.0	0.0
43 DL	20.4	109.2	248.0	1.51	0.016	0.173	0.65	37.67	48.13	8.59	18.29	0.0	0.008	30.0	2.23	6.45	196.7	0.0	0.0	0.0
44 DL	20.0	137.1	247.4	1.48	0.016	0.217	0.64	36.84	48.12	8.76	18.29	0.0	0.008	30.6	2.32	6.20	196.9	0.0	0.0	0.0
45 DL	19.4	160.2	251.1	1.46	0.015	0.254	0.65	36.50	48.13	8.82	18.30	0.0	0.009	31.5	2.41	6.57	197.1	0.0	0.0	0.0

46	DL	19.0	172.0	257.5	1.47	0.015	0.273	0.67	36.59	48.13	8.79	18.29	0.0	0.009	32.4	2.47	5.75	197.2	0.0	0.0	0.0
47	DL	18.8	174.2	266.3	1.48	0.015	0.276	0.69	36.83	48.13	8.74	18.29	0.0	0.009	33.2	2.51	5.17	197.4	0.0	0.0	0.0
48	DL	18.9	171.3	273.9	1.49	0.015	0.272	0.71	37.13	48.12	8.67	18.29	0.0	0.009	34.0	2.56	4.92	197.5	0.0	0.0	0.0
49	DL	19.1	164.7	279.4	1.50	0.015	0.261	0.73	37.48	48.12	8.60	18.28	0.0	0.010	34.8	2.59	5.24	197.7	0.0	0.0	0.0
50	DL	19.5	154.8	281.4	1.52	0.015	0.245	0.73	37.83	48.12	8.52	18.28	0.0	0.010	35.6	2.63	5.91	197.9	0.0	0.0	0.0
51	DL	20.0	143.7	281.3	1.53	0.016	0.228	0.73	38.15	48.12	8.46	18.28	0.0	0.010	36.4	2.67	5.48	198.0	0.0	0.0	0.0
52	DL	20.5	133.0	281.4	1.54	0.016	0.211	0.73	38.39	48.12	8.41	18.28	0.0	0.010	37.1	2.70	4.74	198.2	0.0	0.0	0.0
53	DL	21.1	123.2	284.8	1.55	0.017	0.195	0.74	38.64	48.12	8.37	18.27	0.0	0.011	37.8	2.74	4.71	198.3	0.0	0.0	0.0
54	DL	21.7	114.7	285.2	1.56	0.017	0.182	0.74	38.90	48.11	8.32	18.27	0.0	0.011	38.5	2.77	4.74	198.5	0.0	0.0	0.0
55	DL	22.3	106.6	284.3	1.57	0.018	0.169	0.74	39.11	48.11	8.28	18.27	0.0	0.011	39.2	2.81	4.64	198.7	0.0	0.0	0.0
56	DL	22.9	98.8	284.2	1.58	0.018	0.157	0.74	39.35	48.11	8.23	18.27	0.0	0.011	39.9	2.84	4.99	198.9	0.0	0.0	0.0
57	DL	23.5	92.5	280.4	1.59	0.018	0.147	0.73	39.60	48.09	8.18	18.27	0.0	0.011	40.5	2.87	5.52	199.1	0.0	0.0	0.0
58	DL	24.1	90.6	270.0	1.59	0.019	0.144	0.70	39.74	48.10	8.15	18.26	0.0	0.011	41.2	2.91	5.96	199.3	0.0	0.0	0.0
59	DL	24.1	102.7	262.8	1.57	0.019	0.163	0.68	39.23	48.07	8.25	18.27	0.0	0.012	41.8	2.99	6.35	199.5	0.0	0.0	0.0
60	DL	23.5	126.6	261.7	1.53	0.018	0.201	0.68	38.17	48.07	8.46	18.28	0.0	0.012	42.2	3.10	6.15	199.7	0.0	0.0	0.0
61	DL	22.8	148.6	262.6	1.50	0.018	0.236	0.68	37.44	48.09	8.61	18.29	0.0	0.012	42.8	3.20	5.58	199.9	0.0	0.0	0.0
62	DL	22.0	163.6	263.1	1.49	0.017	0.259	0.69	37.23	48.10	8.65	18.29	0.0	0.012	43.4	3.25	5.26	199.9	0.0	0.0	0.0
63	DL	21.4	172.1	268.5	1.49	0.017	0.273	0.70	37.22	48.11	8.64	18.29	0.0	0.012	44.0	3.30	5.02	199.9	0.0	0.0	0.0
64	DL	20.9	174.0	274.3	1.50	0.016	0.276	0.71	37.28	48.11	8.63	18.28	0.0	0.012	44.5	3.33	4.53	199.9	0.0	0.0	0.0
65	DL	20.6	170.8	278.9	1.50	0.016	0.271	0.73	37.36	48.11	8.62	18.28	0.0	0.013	45.1	3.37	4.04	199.9	0.0	0.0	0.0
66	DL	20.4	164.9	283.3	1.50	0.016	0.261	0.74	37.44	48.10	8.60	18.28	0.0	0.013	45.6	3.40	3.73	199.9	0.0	0.0	0.0
67	DL	20.4	158.0	285.6	1.51	0.016	0.250	0.74	37.56	48.09	8.58	18.28	0.0	0.013	46.1	3.43	3.69	200.0	0.0	0.0	0.0
68	DL	20.4	151.7	285.1	1.51	0.016	0.240	0.74	37.65	48.09	8.56	18.28	0.0	0.013	46.6	3.46	3.54	200.0	0.0	0.0	0.0
69	DL	20.5	145.4	286.0	1.51	0.016	0.230	0.74	37.70	48.08	8.55	18.28	0.0	0.013	47.2	3.50	3.46	200.1	0.0	0.0	0.0
70	DL	20.6	138.9	289.2	1.52	0.016	0.220	0.75	37.77	48.09	8.54	18.28	0.0	0.013	47.7	3.53	3.31	200.2	0.0	0.0	0.0
71	DL	20.9	131.5	289.2	1.52	0.016	0.208	0.75	37.87	48.08	8.52	18.28	0.0	0.013	48.2	3.56	3.16	200.2	0.0	0.0	0.0
72	DL	21.1	123.5	289.3	1.52	0.017	0.196	0.75	37.97	48.07	8.50	18.28	0.0	0.014	48.7	3.59	3.00	200.3	0.0	0.0	0.0
73	DL	21.2	113.6	281.4	1.52	0.017	0.180	0.73	37.98	48.07	8.50	18.28	0.0	0.014	49.1	3.63	3.02	200.3	0.0	0.0	0.0
74	DL	21.2	102.0	254.3	1.51	0.017	0.162	0.66	37.64	48.05	8.58	18.29	0.0	0.014	49.5	3.69	2.89	200.5	0.0	0.0	0.0
75	DL	21.1	93.3	220.2	1.47	0.017	0.148	0.57	36.64	48.05	8.81	18.30	0.0	0.014	49.6	3.80	2.70	200.6	0.0	0.0	0.0
76	DL	21.1	86.6	199.7	1.42	0.017	0.137	0.52	35.30	48.06	9.14	18.32	0.0	0.014	49.9	3.97	2.34	200.8	0.0	0.0	0.0
77	DL	21.0	78.7	174.8	1.36	0.016	0.125	0.45	33.97	48.04	9.49	18.34	0.0	0.014	50.1	4.14	2.23	200.9	0.0	0.0	0.0
78	DL	20.9	72.0	152.0	1.30	0.016	0.114	0.40	32.30	48.05	9.97	18.37	0.0	0.014	50.2	4.36	2.05	201.1	0.0	0.0	0.0
79	DL	21.0	68.3	139.9	1.23	0.016	0.108	0.36	30.55	48.05	10.52	18.40	0.0	0.014	50.3	4.62	2.22	201.3	0.0	0.0	0.0
80	DL	21.1	65.8	134.3	1.17	0.017	0.104	0.35	29.20	48.05	10.98	18.43	0.0	0.014	50.4	4.85	2.42	201.6	0.0	0.0	0.0
81	DL	21.1	62.6	131.0	1.13	0.017	0.099	0.34	28.24	48.06	11.35	18.45	0.0	0.014	50.6	5.03	2.53	201.8	0.0	0.0	0.0
82	DL	21.2	59.6	127.7	1.10	0.017	0.094	0.33	27.40	48.07	11.69	18.47	0.0	0.014	50.8	5.20	2.46	202.0	0.0	0.0	0.0
83	DL	21.4	57.0	123.8	1.07	0.017	0.090	0.32	26.65	48.07	12.00	18.49	0.0	0.014	50.9	5.36	2.43	202.2	0.0	0.0	0.0
84	DL	21.5	54.2	118.9	1.05	0.017	0.086	0.31	26.07	48.07	12.26	18.51	0.0	0.014	51.0	5.49	2.51	202.4	0.0	0.0	0.0
85	DL	21.7	52.1	115.6	1.02	0.017	0.082	0.30	25.47	48.07	12.53	18.53	0.0	0.014	51.0	5.63	2.40	202.6	0.0	0.0	0.0
86	DL	21.9	50.9	115.4	1.00	0.017	0.081	0.30	24.89	48.08	12.81	18.54	0.0	0.014	51.2	5.78	2.53	202.9	0.0	0.0	0.0
87	DL	22.1	49.6	115.2	0.98	0.017	0.079	0.30	24.52	48.08	13.01	18.56	0.0	0.014	51.3	5.88	2.66	203.0	0.0	0.0	0.0
88	DL	22.3	47.6	112.9	0.97	0.017	0.076	0.29	24.24	48.08	13.15	18.56	0.0	0.014	51.4	5.96	2.58	203.3	0.0	0.0	0.0
89	DL	22.4	45.5	111.1	0.96	0.018	0.072	0.29	23.91	48.08	13.32	18.57	0.0	0.014	51.5	6.05	2.39	203.5	0.0	0.0	0.0
90	DL	22.5	44.0	109.8	0.95	0.018	0.070	0.29	23.55	48.08	13.52	18.59	0.0	0.014	51.6	6.16	2.31	203.8	0.0	0.0	0.0
91	DL	22.7	43.5	109.9	0.94	0.018	0.069	0.29	23.31	48.09	13.65	18.60	0.0	0.014	51.7	6.23	2.27	203.9	0.0	0.0	0.0
92	DL	22.9	43.5	111.2	0.93	0.018	0.069	0.29	23.19	48.09	13.72	18.60	0.0	0.014	51.9	6.28	2.24	204.2	0.0	0.0	0.0
93	DL	23.0	43.5	113.1	0.93	0.018	0.069	0.29	23.15	48.09	13.74	18.60	0.0	0.014	52.0	6.31	2.37	204.4	0.0	0.0	0.0
94	DL	23.1	43.2	114.2	0.93	0.018	0.068	0.30	23.17	48.09	13.73	18.60	0.0	0.014	52.1	6.31	2.41	204.6	0.0	0.0	0.0
95	DL	23.2	41.7	112.7	0.93	0.018	0.066	0.29	23.21	48.09	13.71	18.60	0.0	0.014	52.2	6.32	2.50	204.8	0.0	0.0	0.0
96	DL	23.2	39.4	107.9	0.93	0.018	0.062	0.28	23.10	48.09	13.78	18.60	0.0	0.015	52.2	6.35	2.36	205.0	0.0	0.0	0.0
97	DL	23.2	36.7	102.6	0.91	0.018	0.058	0.27	22.75	48.08	13.98	18.62	0.0	0.015	52.3	6.46	2.07	205.2	0.0	0.0	0.0
98	DL	23.2	34.5	98.2	0.89	0.018	0.055	0.26	22.28	48.09	14.27	18.63	0.0	0.015	52.3	6.60	1.83	205.4	0.0	0.0	0.0
99	DL	23.3	33.3	97.1	0.88	0.018	0.053	0.25	21.83	48.10	14.55	18.65	0.0	0.015	52.4	6.74	1.65	205.6	0.0	0.0	0.0
100	DL	23.5	33.1	98.7	0.86	0.018	0.053	0.26	21.53	48.10	14.74	18.66	0.0	0.015	52.4	6.85	1.82	205.8	0.0	0.0	0.0
101	DL	23.7	33.7	100.8	0.86	0.019	0.053	0.26	21.43	48.11	14.81	18.67	0.0	0.015	52.5	6.89	2.03	206.0	0.0	0.0	0.0
102	DL	23.9	34.4	103.4	0.86	0.019	0.055	0.27	21.48	48.09	14.77	18.66	0.0	0.015	52.6	6.88	2.11	206.2	0.0	0.0	0.0
103	DL	24.0	34.9	104.9	0.87	0.019	0.055	0.27	21.64	48.09	14.66	18.66	0.0	0.015	52.7	6.84	2.22	206.3	0.0	0.0	0.0
104	DL	24.1	35.5	106.2	0.88	0.019	0.056	0.28	21.84	48.09	14.54	18.65	0.0	0.015	52.8	6.79	2.27	206.4	0.0	0.0	0.0

105	DL	24.1	35.6	106.9	0.88	0.019	0.056	0.28	22.04	48.09	14.41	18.64	0.0	0.015	52.9	6.74	2.33	206.4	0.0	0.0	0.0
106	DL	24.1	35.2	108.1	0.89	0.019	0.056	0.28	22.23	48.10	14.29	18.64	0.0	0.015	53.0	6.70	2.41	206.5	0.0	0.0	0.0
107	DL	24.1	34.7	108.4	0.90	0.019	0.055	0.28	22.42	48.09	14.18	18.63	0.0	0.015	53.1	6.65	2.29	206.5	0.0	0.0	0.0
108	DL	24.2	34.4	108.9	0.91	0.019	0.055	0.28	22.59	48.08	14.08	18.62	0.0	0.015	53.2	6.62	2.27	206.6	0.0	0.0	0.0
109	DL	24.3	34.5	109.6	0.91	0.019	0.055	0.29	22.75	48.09	13.98	18.62	0.0	0.015	53.3	6.59	2.33	206.6	0.0	0.0	0.0
110	DL	24.5	34.5	109.5	0.92	0.019	0.055	0.29	22.90	48.08	13.89	18.61	0.0	0.015	53.5	6.56	2.34	206.6	0.0	0.0	0.0
111	DL	24.6	34.4	110.4	0.93	0.019	0.054	0.29	23.06	48.08	13.80	18.61	0.0	0.015	53.6	6.53	2.36	206.7	0.0	0.0	0.0
112	DL	24.8	33.9	110.0	0.93	0.019	0.054	0.29	23.21	48.09	13.72	18.60	0.0	0.015	53.7	6.50	2.33	206.7	0.0	0.0	0.0
113	DL	24.9	33.5	110.0	0.94	0.020	0.053	0.29	23.32	48.08	13.66	18.60	0.0	0.015	53.8	6.48	2.30	206.7	0.0	0.0	0.0
114	DL	25.0	33.4	111.0	0.94	0.020	0.053	0.29	23.42	48.08	13.60	18.59	0.0	0.015	53.9	6.47	2.35	206.8	0.0	0.0	0.0
115	DL	25.1	33.3	110.3	0.94	0.020	0.053	0.29	23.52	48.07	13.55	18.59	0.0	0.015	54.0	6.46	2.32	207.0	0.0	0.0	0.0
116	DL	25.1	32.9	110.1	0.95	0.020	0.052	0.29	23.58	48.07	13.51	18.59	0.0	0.015	54.1	6.45	2.41	207.1	0.0	0.0	0.0
117	DL	25.1	32.4	109.3	0.95	0.020	0.051	0.28	23.63	48.07	13.48	18.59	0.0	0.015	54.2	6.45	2.29	207.2	0.0	0.0	0.0
118	DL	25.2	31.9	108.8	0.95	0.020	0.051	0.28	23.66	48.07	13.47	18.59	0.0	0.015	54.3	6.45	2.31	207.3	0.0	0.0	0.0
119	DL	25.3	31.6	108.7	0.95	0.020	0.050	0.28	23.69	48.07	13.46	18.58	0.0	0.015	54.4	6.46	2.31	207.5	0.0	0.0	0.0
120	DL	25.4	31.4	109.4	0.95	0.020	0.050	0.28	23.71	48.07	13.44	18.58	0.0	0.015	54.5	6.46	2.40	207.7	0.0	0.0	0.0
121	DL	25.5	31.1	109.1	0.95	0.020	0.049	0.28	23.74	48.06	13.42	18.58	0.0	0.015	54.6	6.47	2.39	207.8	0.0	0.0	0.0
122	DL	25.6	30.8	109.6	0.96	0.020	0.049	0.29	23.79	48.07	13.40	18.58	0.0	0.015	54.7	6.46	2.32	208.0	0.0	0.0	0.0
123	DL	25.8	30.5	108.5	0.96	0.020	0.048	0.28	23.83	48.07	13.38	18.58	0.0	0.015	54.8	6.46	2.28	208.2	0.0	0.0	0.0
124	DL	25.9	29.3	105.6	0.95	0.020	0.046	0.27	23.78	48.06	13.40	18.58	0.0	0.015	54.9	6.49	2.30	208.4	0.0	0.0	0.0
125	DL	25.9	27.4	99.2	0.95	0.020	0.043	0.26	23.57	48.05	13.52	18.59	0.0	0.015	54.9	6.55	2.20	208.6	0.0	0.0	0.0
126	DL	25.8	25.6	88.8	0.92	0.020	0.041	0.23	23.01	48.05	13.83	18.61	0.0	0.015	54.8	6.70	1.90	208.8	0.0	0.0	0.0
127	DL	25.8	24.4	81.6	0.89	0.020	0.039	0.21	22.14	48.05	14.35	18.64	0.0	0.015	54.6	6.94	1.58	208.9	0.0	0.0	0.0
128	DL	26.0	23.8	81.3	0.86	0.020	0.038	0.21	21.30	48.06	14.89	18.67	0.0	0.015	54.7	7.22	1.53	209.1	0.0	0.0	0.0
129	DL	26.3	23.8	85.1	0.83	0.021	0.038	0.22	20.75	48.07	15.27	18.70	0.0	0.015	54.7	7.42	1.61	209.3	0.0	0.0	0.0
130	DL	26.4	23.5	87.2	0.82	0.021	0.037	0.23	20.53	48.08	15.43	18.71	0.0	0.015	54.8	7.51	1.78	209.5	0.0	0.0	0.0
131	DL	26.4	23.1	85.8	0.82	0.021	0.037	0.22	20.43	48.07	15.49	18.71	0.0	0.015	54.7	7.53	1.76	209.7	0.0	0.0	0.0
132	DL	26.4	23.1	85.3	0.81	0.021	0.037	0.22	20.26	48.07	15.62	18.72	0.0	0.015	54.7	7.59	1.66	209.9	0.0	0.0	0.0
133	DL	26.5	23.6	88.6	0.81	0.021	0.037	0.23	20.17	48.07	15.68	18.72	0.0	0.015	54.8	7.64	1.69	210.1	0.0	0.0	0.0
134	DL	26.6	24.6	93.4	0.82	0.021	0.039	0.24	20.32	48.09	15.58	18.72	0.0	0.015	54.9	7.59	1.86	210.2	0.0	0.0	0.0
135	DL	26.7	25.5	97.3	0.83	0.021	0.040	0.25	20.65	48.07	15.33	18.70	0.0	0.015	55.0	7.48	2.08	210.3	0.0	0.0	0.0
136	DL	26.8	26.4	99.9	0.85	0.021	0.042	0.26	21.07	48.07	15.04	18.68	0.0	0.015	55.1	7.34	2.09	210.5	0.0	0.0	0.0
137	DL	26.8	26.7	102.8	0.86	0.021	0.042	0.27	21.53	48.07	14.74	18.66	0.0	0.015	55.1	7.20	2.22	210.6	0.0	0.0	0.0
138	DL	26.9	25.5	95.5	0.88	0.021	0.040	0.25	21.85	48.08	14.54	18.65	0.0	0.015	55.2	7.11	2.27	210.8	0.0	0.0	0.0
139	DL	26.9	23.7	78.3	0.86	0.021	0.038	0.20	21.51	48.07	14.76	18.67	0.0	0.015	54.9	7.18	1.98	211.0	0.0	0.0	0.0
140	DL	27.3	22.5	72.5	0.82	0.021	0.036	0.19	20.51	48.07	15.44	18.71	0.0	0.015	54.9	7.52	1.62	211.2	0.0	0.0	0.0
141	DL	27.6	21.9	73.9	0.79	0.022	0.035	0.19	19.65	48.08	16.08	18.75	0.0	0.015	54.9	7.85	1.61	211.3	0.0	0.0	0.0
142	DL	27.8	21.5	75.7	0.77	0.022	0.034	0.20	19.21	48.08	16.42	18.77	0.0	0.015	54.9	8.03	1.64	211.4	0.0	0.0	0.0
143	DL	27.9	21.2	77.3	0.76	0.022	0.034	0.20	19.00	48.07	16.60	18.78	0.0	0.015	54.9	8.12	1.58	211.5	0.0	0.0	0.0
144	DL	27.8	21.1	78.9	0.76	0.022	0.033	0.21	18.90	48.07	16.68	18.78	0.0	0.015	54.9	8.16	1.60	211.6	0.0	0.0	0.0
145	DL	27.7	21.0	79.4	0.76	0.022	0.033	0.21	18.90	48.07	16.68	18.78	0.0	0.015	54.8	8.16	1.64	211.7	0.0	0.0	0.0
146	DL	27.6	21.0	79.8	0.76	0.022	0.033	0.21	18.95	48.08	16.64	18.78	0.0	0.015	54.8	8.13	1.68	211.7	0.0	0.0	0.0
147	DL	27.5	20.8	80.0	0.76	0.022	0.033	0.21	18.99	48.08	16.60	18.78	0.0	0.015	54.8	8.12	1.65	211.7	0.0	0.0	0.0
148	DL	27.4	20.6	79.7	0.76	0.022	0.033	0.21	19.03	48.08	16.57	18.78	0.0	0.015	54.8	8.10	1.68	211.7	0.0	0.0	0.0
149	DL	27.3	20.5	79.3	0.76	0.021	0.032	0.21	19.06	48.08	16.55	18.78	0.0	0.015	54.8	8.09	1.63	211.6	0.0	0.0	0.0
150	DL	27.3	20.4	79.1	0.77	0.021	0.032	0.21	19.07	48.07	16.54	18.78	0.0	0.015	54.8	8.08	1.64	211.6	0.0	0.0	0.0
151	DL	27.2	20.4	79.6	0.77	0.021	0.032	0.21	19.07	48.07	16.54	18.78	0.0	0.015	54.8	8.08	1.68	211.6	0.0	0.0	0.0
152	DL	27.1	20.6	80.9	0.77	0.021	0.033	0.21	19.13	48.07	16.50	18.77	0.0	0.015	54.8	8.06	1.64	211.6	0.0	0.0	0.0
153	DL	27.0	20.8	82.3	0.77	0.021	0.033	0.21	19.24	48.08	16.40	18.77	0.0	0.015	54.8	8.01	1.65	211.6	0.0	0.0	0.0
154	DL	26.8	21.1	83.2	0.78	0.021	0.033	0.22	19.39	48.07	16.28	18.76	0.0	0.015	54.9	7.95	1.69	211.6	0.0	0.0	0.0
155	DL	26.7	21.4	84.6	0.79	0.021	0.034	0.22	19.56	48.06	16.14	18.75	0.0	0.015	54.9	7.89	1.80	211.6	0.0	0.0	0.0
156	DL	26.6	21.8	86.2	0.79	0.021	0.035	0.22	19.74	48.08	16.01	18.74	0.0	0.015	54.9	7.82	1.84	211.7	0.0	0.0	0.0
157	DL	26.6	22.2	88.7	0.80	0.021	0.035	0.23	19.97	48.06	15.83	18.73	0.0	0.015	55.0	7.74	1.84	211.8	0.0	0.0	0.0
158	DL	26.5	22.3	90.1	0.81	0.021	0.035	0.23	20.25	48.07	15.63	18.72	0.0	0.015	55.0	7.64	1.89	211.9	0.0	0.0	0.0
159	DL	26.3	22.1	88.6	0.82	0.021	0.035	0.23	20.49	48.07	15.45	18.71	0.0	0.015	55.0	7.55	1.95	212.0	0.0	0.0	0.0
160	DL	26.2	22.0	87.5	0.83	0.021	0.035	0.23	20.58	48.07	15.39	18.70	0.0	0.015	55.0	7.52	1.76	212.1	0.0	0.0	0.0
161	DL	26.1	21.9	88.8	0.83	0.020	0.035	0.23	20.61	48.06	15.37	18.70	0.0	0.015	55.1	7.51	1.71	212.3	0.0	0.0	0.0
162	DL	26.0	21.8	88.7	0.83	0.020	0.034	0.23	20.71	48.07	15.30	18.70	0.0	0.015	55.1	7.48	1.77	212.4	0.0	0.0	0.0
163	DL	26.0	21.4	85.1	0.83	0.020	0.034	0.22	20.73	48.06	15.29	18.70	0.0	0.015	55.1	7.48	1.74	212.5	0.0	0.0	0.0

164	DL	26.0	21.2	82.9	0.83	0.020	0.034	0.22	20.57	48.05	15.39	18.70	0.0	0.015	55.0	7.53	1.59	212.7	0.0	0.0	0.0
165	DL	26.0	21.0	84.1	0.82	0.020	0.033	0.22	20.40	48.06	15.51	18.71	0.0	0.015	55.1	7.60	1.59	212.8	0.0	0.0	0.0
166	DL	26.1	20.8	83.8	0.82	0.020	0.033	0.22	20.33	48.06	15.57	18.72	0.0	0.015	55.2	7.63	1.68	212.9	0.0	0.0	0.0
167	DL	26.1	20.7	81.5	0.81	0.020	0.033	0.21	20.22	48.05	15.64	18.72	0.0	0.015	55.1	7.66	1.60	213.1	0.0	0.0	0.0
168	DL	26.2	20.6	80.5	0.81	0.021	0.033	0.21	20.05	48.05	15.77	18.73	0.0	0.015	55.1	7.73	1.54	213.2	0.0	0.0	0.0
169	DL	26.4	20.6	81.2	0.80	0.021	0.033	0.21	19.91	48.06	15.87	18.73	0.0	0.015	55.1	7.78	1.59	213.4	0.0	0.0	0.0
170	DL	26.4	20.5	81.1	0.80	0.021	0.033	0.21	19.85	48.05	15.92	18.74	0.0	0.015	55.1	7.81	1.65	213.5	0.0	0.0	0.0
171	DL	26.4	20.3	78.3	0.79	0.021	0.032	0.20	19.75	48.05	16.00	18.74	0.0	0.015	55.1	7.84	1.56	213.7	0.0	0.0	0.0
172	DL	26.5	20.2	76.9	0.78	0.021	0.032	0.20	19.53	48.05	16.17	18.75	0.0	0.015	55.0	7.92	1.49	213.8	0.0	0.0	0.0
173	DL	26.7	20.2	78.2	0.78	0.021	0.032	0.20	19.34	48.05	16.32	18.76	0.0	0.015	55.1	8.00	1.50	214.0	0.0	0.0	0.0
174	DL	26.8	20.1	79.6	0.77	0.021	0.032	0.21	19.29	48.06	16.36	18.76	0.0	0.015	55.0	8.03	1.59	214.1	0.0	0.0	0.0
175	DL	26.8	20.2	80.4	0.78	0.021	0.032	0.21	19.32	48.06	16.33	18.76	0.0	0.015	55.0	8.01	1.61	214.3	0.0	0.0	0.0
176	DL	26.9	20.3	80.1	0.78	0.021	0.032	0.21	19.37	48.06	16.29	18.76	0.0	0.015	55.1	7.99	1.61	214.4	0.0	0.0	0.0
177	DL	26.9	20.5	80.3	0.78	0.021	0.033	0.21	19.40	48.06	16.27	18.76	0.0	0.015	55.0	7.98	1.60	214.5	0.0	0.0	0.0
178	DL	27.0	20.6	80.8	0.78	0.021	0.033	0.21	19.41	48.06	16.26	18.76	0.0	0.015	55.0	7.97	1.62	214.6	0.0	0.0	0.0
179	DL	27.0	20.6	81.2	0.78	0.021	0.033	0.21	19.44	48.06	16.24	18.76	0.0	0.015	55.1	7.96	1.60	214.7	0.0	0.0	0.0
180	DL	27.0	20.6	81.6	0.78	0.021	0.033	0.21	19.47	48.06	16.22	18.76	0.0	0.015	55.0	7.95	1.57	214.9	0.0	0.0	0.0
181	DL	26.9	20.7	81.8	0.78	0.021	0.033	0.21	19.49	48.05	16.20	18.75	0.0	0.015	55.0	7.94	1.60	214.9	0.0	0.0	0.0
182	DL	26.9	20.9	82.3	0.78	0.021	0.033	0.21	19.51	48.05	16.18	18.75	0.0	0.015	55.0	7.93	1.62	215.0	0.0	0.0	0.0
183	DL	26.9	21.2	82.7	0.79	0.021	0.034	0.22	19.55	48.05	16.15	18.75	0.0	0.015	55.0	7.92	1.65	215.2	0.0	0.0	0.0
184	DL	26.8	21.4	83.4	0.79	0.021	0.034	0.22	19.61	48.05	16.10	18.75	0.0	0.015	55.0	7.89	1.63	215.3	0.0	0.0	0.0
185	DL	26.8	21.4	84.5	0.79	0.021	0.034	0.22	19.68	48.05	16.05	18.75	0.0	0.015	55.0	7.86	1.66	215.4	0.0	0.0	0.0
186	DL	26.8	21.4	84.9	0.79	0.021	0.034	0.22	19.73	48.06	16.01	18.74	0.0	0.015	55.1	7.85	1.68	215.4	0.0	0.0	0.0
187	DL	26.7	21.2	85.2	0.79	0.021	0.034	0.22	19.79	48.05	15.96	18.74	0.0	0.015	55.1	7.83	1.65	215.4	0.0	0.0	0.0
188	DL	26.7	20.9	83.0	0.80	0.021	0.033	0.22	19.85	48.05	15.92	18.74	0.0	0.015	55.1	7.81	1.69	215.4	0.0	0.0	0.0
189	DL	26.7	20.5	78.9	0.79	0.021	0.032	0.21	19.76	48.05	15.99	18.74	0.0	0.015	55.0	7.83	1.59	215.5	0.0	0.0	0.0
190	DL	26.7	20.2	77.3	0.78	0.021	0.032	0.20	19.53	48.04	16.17	18.75	0.0	0.015	55.0	7.92	1.59	215.5	0.0	0.0	0.0
191	DL	26.8	20.2	78.6	0.78	0.021	0.032	0.20	19.38	48.05	16.29	18.76	0.0	0.015	55.0	7.99	1.59	215.5	0.0	0.0	0.0
192	DL	26.9	20.1	78.9	0.78	0.021	0.032	0.21	19.37	48.04	16.29	18.76	0.0	0.015	55.1	8.00	1.66	215.4	0.0	0.0	0.0
193	DL	26.9	19.8	76.9	0.78	0.021	0.031	0.20	19.35	48.05	16.31	18.76	0.0	0.015	55.0	8.00	1.60	215.3	0.0	0.0	0.0
194	DL	26.9	19.7	75.3	0.77	0.021	0.031	0.20	19.21	48.06	16.42	18.77	0.0	0.015	55.0	8.04	1.55	215.3	0.0	0.0	0.0
195	DL	27.0	19.8	75.5	0.77	0.021	0.031	0.20	19.09	48.05	16.52	18.77	0.0	0.015	55.0	8.10	1.55	215.4	0.0	0.0	0.0
196	DL	27.1	19.8	77.2	0.77	0.021	0.031	0.20	19.06	48.04	16.54	18.78	0.0	0.015	55.0	8.11	1.59	215.3	0.0	0.0	0.0
197	DL	27.1	19.6	77.1	0.77	0.021	0.031	0.20	19.10	48.05	16.51	18.77	0.0	0.015	55.0	8.10	1.66	215.3	0.0	0.0	0.0
198	DL	27.1	19.6	74.2	0.77	0.021	0.031	0.19	19.07	48.04	16.53	18.78	0.0	0.015	55.0	8.10	1.60	215.4	0.0	0.0	0.0
199	DL	27.2	19.7	73.1	0.76	0.021	0.031	0.19	18.93	48.05	16.65	18.78	0.0	0.015	54.9	8.16	1.59	215.4	0.0	0.0	0.0
200	DL	27.3	19.9	74.7	0.76	0.021	0.032	0.19	18.84	48.05	16.73	18.79	0.0	0.015	54.9	8.20	1.69	215.4	0.0	0.0	0.0
201	DL	27.3	20.0	77.0	0.76	0.021	0.032	0.20	18.87	48.04	16.70	18.79	0.0	0.015	55.0	8.19	1.78	215.5	0.0	0.0	0.0
202	DL	27.2	20.1	79.0	0.76	0.021	0.032	0.21	19.01	48.05	16.58	18.78	0.0	0.015	55.0	8.13	1.70	215.6	0.0	0.0	0.0
203	DL	27.1	20.3	80.4	0.77	0.021	0.032	0.21	19.20	48.04	16.42	18.77	0.0	0.015	55.0	8.05	1.72	215.6	0.0	0.0	0.0
204	DL	27.0	20.2	80.7	0.78	0.021	0.032	0.21	19.41	48.04	16.26	18.76	0.0	0.015	55.0	7.97	1.75	215.7	0.0	0.0	0.0
205	DL	26.9	19.9	80.1	0.78	0.021	0.032	0.21	19.54	48.04	16.15	18.75	0.0	0.015	55.0	7.92	1.71	215.9	0.0	0.0	0.0
206	DL	26.8	19.7	78.8	0.79	0.021	0.031	0.21	19.58	48.04	16.13	18.75	0.0	0.015	55.0	7.90	1.66	216.1	0.0	0.0	0.0
207	DL	26.8	19.5	77.5	0.78	0.021	0.031	0.20	19.53	48.03	16.16	18.75	0.0	0.015	55.0	7.92	1.63	216.2	0.0	0.0	0.0
208	DL	26.9	19.6	78.0	0.78	0.021	0.031	0.20	19.45	48.04	16.23	18.76	0.0	0.015	55.0	7.95	1.67	216.3	0.0	0.0	0.0
209	DL	26.9	19.7	80.0	0.78	0.021	0.031	0.21	19.45	48.03	16.23	18.76	0.0	0.015	55.0	7.96	1.64	216.5	0.0	0.0	0.0
210	DL	26.9	19.7	83.0	0.78	0.021	0.031	0.22	19.54	48.04	16.16	18.75	0.0	0.015	55.1	7.92	1.62	216.6	0.0	0.0	0.0
211	DL	26.8	19.8	84.4	0.79	0.021	0.031	0.22	19.70	48.04	16.04	18.74	0.0	0.015	55.1	7.87	1.69	216.7	0.0	0.0	0.0
212	DL	26.7	19.7	83.7	0.80	0.021	0.031	0.22	19.83	48.03	15.93	18.74	0.0	0.015	55.1	7.81	1.71	216.8	0.0	0.0	0.0
213	DL	26.6	19.5	81.7	0.80	0.021	0.031	0.21	19.89	48.03	15.88	18.74	0.0	0.015	55.1	7.79	1.68	216.9	0.0	0.0	0.0
214	DL	26.6	19.3	78.8	0.80	0.021	0.030	0.20	19.82	48.03	15.94	18.74	0.0	0.015	55.1	7.81	1.59	217.1	0.0	0.0	0.0
215	DL	26.6	19.2	77.9	0.79	0.021	0.030	0.20	19.63	48.03	16.08	18.75	0.0	0.015	55.0	7.89	1.46	217.2	0.0	0.0	0.0
216	DL	26.6	19.3	78.4	0.78	0.021	0.031	0.20	19.47	48.04	16.21	18.76	0.0	0.015	55.0	7.95	1.45	217.4	0.0	0.0	0.0
217	DL	26.7	19.4	79.9	0.78	0.021	0.031	0.21	19.38	48.03	16.28	18.76	0.0	0.015	55.1	7.99	1.57	217.4	0.0	0.0	0.0
218	DL	26.7	19.4	81.2	0.78	0.021	0.031	0.21	19.39	48.04	16.27	18.76	0.0	0.015	55.1	7.98	1.60	217.6	0.0	0.0	0.0
219	DL	26.8	19.4	80.7	0.78	0.021	0.031	0.21	19.43	48.03	16.24	18.76	0.0	0.015	55.1	7.97	1.52	217.7	0.0	0.0	0.0
220	DL	26.8	19.5	79.2	0.78	0.021	0.031	0.21	19.41	48.03	16.25	18.76	0.0	0.015	55.0	7.97	1.51	217.8	0.0	0.0	0.0
221	DL	27.0	19.6	78.9	0.78	0.021	0.031	0.21	19.35	48.03	16.30	18.76	0.0	0.015	55.1	8.00	1.56	217.9	0.0	0.0	0.0
222	DL	27.1	19.7	79.0	0.78	0.021	0.031	0.21	19.30	48.03	16.34	18.76	0.0	0.015	55.0	8.02	1.62	218.0	0.0	0.0	0.0

223 DL	27.2	19.9	79.2	0.77	0.021	0.031	0.21	19.27	48.03	16.37	18.77	0.0	0.015	55.0	8.03	1.57	218.1	0.0	0.0	0.0
224 DL	27.2	20.1	79.5	0.77	0.021	0.032	0.21	19.25	48.03	16.38	18.77	0.0	0.015	55.0	8.04	1.56	218.1	0.0	0.0	0.0
225 DL	27.3	20.2	80.6	0.77	0.021	0.032	0.21	19.28	48.03	16.36	18.76	0.0	0.015	55.1	8.03	1.60	218.2	0.0	0.0	0.0
226 DL	27.3	20.5	81.9	0.78	0.021	0.032	0.21	19.33	48.03	16.31	18.76	0.0	0.015	55.1	8.00	1.62	218.3	0.0	0.0	0.0
227 DL	27.3	20.8	82.5	0.78	0.021	0.033	0.21	19.41	48.02	16.25	18.76	0.0	0.015	55.1	7.97	1.65	218.5	0.0	0.0	0.0
228 DL	27.4	21.0	82.7	0.78	0.021	0.033	0.22	19.52	48.03	16.17	18.75	0.0	0.015	55.0	7.93	1.64	218.6	0.0	0.0	0.0
229 DL	27.4	21.0	82.7	0.79	0.021	0.033	0.22	19.58	48.03	16.12	18.75	0.0	0.015	55.1	7.91	1.69	218.7	0.0	0.0	0.0
230 DL	27.4	20.9	83.0	0.79	0.021	0.033	0.22	19.61	48.02	16.09	18.75	0.0	0.015	55.1	7.90	1.68	218.7	0.0	0.0	0.0
231 DL	27.4	20.9	83.4	0.79	0.022	0.033	0.22	19.66	48.03	16.06	18.75	0.0	0.015	55.1	7.88	1.64	218.6	0.0	0.0	0.0
232 DL	27.4	20.7	82.0	0.79	0.021	0.033	0.21	19.69	48.02	16.03	18.74	0.0	0.015	55.1	7.87	1.63	218.5	0.0	0.0	0.0
233 DL	27.4	20.5	80.4	0.79	0.021	0.033	0.21	19.63	48.02	16.08	18.75	0.0	0.015	55.1	7.89	1.63	218.5	0.0	0.0	0.0
234 DL	27.4	20.4	80.2	0.79	0.022	0.032	0.21	19.57	48.02	16.13	18.75	0.0	0.015	55.1	7.91	1.68	218.5	0.0	0.0	0.0
235 DL	27.4	20.3	79.7	0.78	0.022	0.032	0.21	19.54	48.03	16.15	18.75	0.0	0.015	55.1	7.93	1.72	218.4	0.0	0.0	0.0
236 DL	27.4	20.2	79.2	0.78	0.022	0.032	0.21	19.49	48.02	16.19	18.75	0.0	0.015	55.1	7.95	1.68	218.3	0.0	0.0	0.0
237 DL	27.5	20.1	79.0	0.78	0.022	0.032	0.21	19.45	48.01	16.22	18.76	0.0	0.015	55.1	7.96	1.65	218.3	0.0	0.0	0.0
238 DL	27.5	19.9	79.1	0.78	0.022	0.032	0.21	19.43	48.02	16.24	18.76	0.0	0.015	55.1	7.97	1.64	218.2	0.0	0.0	0.0
239 DL	27.4	19.8	78.6	0.78	0.022	0.031	0.20	19.40	48.02	16.26	18.76	0.0	0.015	55.1	7.98	1.59	218.3	0.0	0.0	0.0
240 DL	27.4	19.7	78.1	0.78	0.022	0.031	0.20	19.37	48.02	16.28	18.76	0.0	0.015	55.1	7.99	1.60	218.3	0.0	0.0	0.0
241 DL	27.4	19.6	77.7	0.78	0.022	0.031	0.20	19.33	48.02	16.31	18.76	0.0	0.015	55.0	8.01	1.64	218.3	0.0	0.0	0.0
242 DL	27.5	19.5	77.6	0.78	0.022	0.031	0.20	19.29	48.02	16.34	18.76	0.0	0.015	55.0	8.02	1.63	218.4	0.0	0.0	0.0
243 DL	27.5	19.5	77.4	0.77	0.022	0.031	0.20	19.26	48.02	16.37	18.77	0.0	0.015	55.0	8.03	1.57	218.4	0.0	0.0	0.0
244 DL	27.6	19.4	77.2	0.77	0.022	0.031	0.20	19.22	48.02	16.40	18.77	0.0	0.015	55.0	8.05	1.61	218.5	0.0	0.0	0.0
245 DL	27.6	19.4	76.9	0.77	0.022	0.031	0.20	19.18	48.02	16.44	18.77	0.0	0.015	55.0	8.07	1.69	218.5	0.0	0.0	0.0
246 DL	27.6	19.4	77.1	0.77	0.022	0.031	0.20	19.17	48.02	16.44	18.77	0.0	0.015	55.0	8.07	1.58	218.5	0.0	0.0	0.0
247 DL	27.6	19.5	78.3	0.77	0.022	0.031	0.20	19.19	48.02	16.42	18.77	0.0	0.015	55.1	8.06	1.55	218.6	0.0	0.0	0.0
248 DL	27.6	19.6	79.0	0.77	0.022	0.031	0.21	19.26	48.02	16.37	18.77	0.0	0.015	55.1	8.04	1.60	218.8	0.0	0.0	0.0
249 DL	27.6	19.7	79.2	0.78	0.022	0.031	0.21	19.33	48.02	16.32	18.76	0.0	0.015	55.1	8.01	1.58	219.0	0.0	0.0	0.0
250 DL	27.6	19.7	79.8	0.78	0.022	0.031	0.21	19.39	48.02	16.27	18.76	0.0	0.015	55.1	7.99	1.53	219.1	0.0	0.0	0.0
251 DL	27.6	19.8	79.8	0.78	0.022	0.031	0.21	19.44	48.01	16.22	18.76	0.0	0.015	55.1	7.97	1.53	219.1	0.0	0.0	0.0
252 DL	27.5	19.8	79.0	0.78	0.022	0.031	0.21	19.46	48.02	16.21	18.76	0.0	0.015	55.1	7.96	1.49	219.3	0.0	0.0	0.0
253 DL	27.6	20.0	79.0	0.78	0.022	0.032	0.21	19.44	48.02	16.22	18.76	0.0	0.015	55.1	7.96	1.45	219.5	0.0	0.0	0.0
254 DL	27.6	20.1	80.3	0.78	0.022	0.032	0.21	19.44	48.01	16.22	18.76	0.0	0.015	55.1	7.97	1.52	219.6	0.0	0.0	0.0
255 DL	27.7	20.1	79.8	0.78	0.022	0.032	0.21	19.47	48.01	16.20	18.75	0.0	0.015	55.1	7.96	1.58	219.6	0.0	0.0	0.0
256 DL	27.7	20.1	78.8	0.78	0.022	0.032	0.21	19.48	48.02	16.20	18.75	0.0	0.015	55.1	7.95	1.55	219.8	0.0	0.0	0.0
257 DL	27.8	20.2	78.0	0.78	0.022	0.032	0.20	19.41	48.02	16.25	18.76	0.0	0.015	55.1	7.98	1.55	219.9	0.0	0.0	0.0
258 DL	27.9	20.2	77.7	0.78	0.022	0.032	0.20	19.34	48.01	16.30	18.76	0.0	0.015	55.1	8.01	1.50	219.9	0.0	0.0	0.0
259 DL	28.0	20.1	77.1	0.77	0.022	0.032	0.20	19.25	48.01	16.37	18.77	0.0	0.015	55.1	8.04	1.51	220.1	0.0	0.0	0.0
260 DL	28.1	20.1	76.6	0.77	0.022	0.032	0.20	19.17	48.01	16.44	18.77	0.0	0.015	55.1	8.08	1.55	220.2	0.0	0.0	0.0
261 DL	28.3	20.1	76.4	0.77	0.022	0.032	0.20	19.10	48.02	16.50	18.77	0.0	0.015	55.1	8.11	1.61	220.3	0.0	0.0	0.0
262 DL	28.4	20.1	76.6	0.77	0.022	0.032	0.20	19.04	48.02	16.54	18.78	0.0	0.015	55.1	8.13	1.59	220.4	0.0	0.0	0.0
263 DL	28.5	20.2	76.8	0.76	0.022	0.032	0.20	19.00	48.01	16.57	18.78	0.0	0.015	55.1	8.15	1.57	220.5	0.0	0.0	0.0
264 DL	28.5	20.3	76.9	0.76	0.022	0.032	0.20	18.97	48.01	16.60	18.78	0.0	0.015	55.1	8.16	1.46	220.7	0.0	0.0	0.0
265 DL	28.5	20.4	77.0	0.76	0.022	0.032	0.20	18.93	48.02	16.63	18.78	0.0	0.015	55.1	8.17	1.49	220.8	0.0	0.0	0.0
266 DL	28.6	20.4	77.1	0.76	0.022	0.032	0.20	18.90	48.01	16.66	18.78	0.0	0.015	55.1	8.19	1.48	220.8	0.0	0.0	0.0
267 DL	28.6	20.3	78.0	0.76	0.022	0.032	0.20	18.90	48.01	16.66	18.78	0.0	0.015	55.1	8.19	1.45	220.9	0.0	0.0	0.0
268 DL	28.7	20.3	78.9	0.76	0.022	0.032	0.21	18.92	48.01	16.64	18.78	0.0	0.015	55.1	8.19	1.46	221.0	0.0	0.0	0.0
269 DL	28.7	20.4	79.3	0.76	0.023	0.032	0.21	18.96	48.02	16.61	18.78	0.0	0.015	55.1	8.16	1.51	221.1	0.0	0.0	0.0
270 DL	28.8	20.4	79.6	0.76	0.023	0.032	0.21	19.03	48.00	16.55	18.78	0.0	0.015	55.1	8.14	1.53	221.2	0.0	0.0	0.0
271 DL	28.8	20.5	80.1	0.77	0.023	0.032	0.21	19.09	48.00	16.50	18.77	0.0	0.015	55.1	8.11	1.57	221.2	0.0	0.0	0.0
272 DL	28.8	20.5	80.4	0.77	0.023	0.032	0.21	19.17	48.01	16.44	18.77	0.0	0.015	55.1	8.08	1.59	221.2	0.0	0.0	0.0
273 DL	28.8	20.5	80.7	0.77	0.023	0.032	0.21	19.22	48.00	16.39	18.77	0.0	0.015	55.1	8.06	1.54	221.2	0.0	0.0	0.0
274 DL	28.8	20.4	80.3	0.77	0.023	0.032	0.21	19.27	48.00	16.35	18.76	0.0	0.015	55.1	8.04	1.50	221.2	0.0	0.0	0.0
275 DL	28.8	20.3	80.6	0.78	0.023	0.032	0.21	19.32	48.01	16.32	18.76	0.0	0.015	55.1	8.02	1.61	221.1	0.0	0.0	0.0
276 DL	28.8	20.1	80.9	0.78	0.023	0.032	0.21	19.37	48.01	16.28	18.76	0.0	0.015	55.1	8.00	1.59	221.0	0.0	0.0	0.0
277 DL	28.7	20.1	81.2	0.78	0.023	0.032	0.21	19.42	48.01	16.23	18.76	0.0	0.015	55.1	7.98	1.53	220.9	0.0	0.0	0.0
278 DL	28.7	20.0	81.6	0.78	0.022	0.032	0.21	19.49	48.01	16.18	18.75	0.0	0.015	55.1	7.95	1.54	220.9	0.0	0.0	0.0
279 DL	28.6	19.9	81.2	0.79	0.022	0.032	0.21	19.55	48.00	16.13	18.75	0.0	0.015	55.1	7.93	1.55	220.9	0.0	0.0	0.0
280 DL	28.6	19.8	80.8	0.79	0.022	0.031	0.21	19.58	48.00	16.11	18.75	0.0	0.015	55.1	7.92	1.55	220.8	0.0	0.0	0.0
281 DL	28.5	19.6	80.3	0.79	0.022	0.031	0.21	19.61	48.01	16.09	18.75	0.0	0.015	55.2	7.91	1.52	220.7	0.0	0.0	0.0

282	DL	28.4	19.4	77.3	0.79	0.022	0.031	0.20	19.57	48.00	16.12	18.75	0.0	0.015	55.2	7.93	1.65	220.7	0.0	0.0	0.0
283	DL	28.4	19.0	72.5	0.78	0.022	0.030	0.19	19.39	48.00	16.26	18.76	0.0	0.015	55.1	7.99	2.75	220.7	0.0	0.0	0.0
284	DL	28.6	18.7	69.3	0.77	0.022	0.030	0.18	19.03	48.00	16.55	18.78	0.0	0.015	55.0	8.13	2.09	220.8	0.0	0.0	0.0
285	DL	28.7	18.4	67.5	0.75	0.023	0.029	0.18	18.66	48.00	16.86	18.80	0.0	0.015	55.0	8.28	1.61	220.9	0.0	0.0	0.0
286	DL	28.9	18.2	66.8	0.74	0.023	0.029	0.17	18.33	48.01	17.15	18.81	0.0	0.015	55.0	8.43	1.45	220.9	0.0	0.0	0.0
287	DL	29.1	18.1	67.1	0.73	0.023	0.029	0.17	18.09	48.00	17.35	18.83	0.0	0.015	54.9	8.53	1.48	220.9	0.0	0.0	0.0
288	DL	29.2	18.2	67.8	0.72	0.023	0.029	0.18	17.95	48.01	17.48	18.83	0.0	0.015	54.9	8.59	1.49	220.9	0.0	0.0	0.0
289	DL	29.2	18.2	68.3	0.72	0.023	0.029	0.18	17.88	48.01	17.55	18.84	0.0	0.015	54.9	8.63	1.44	220.9	0.0	0.0	0.0
290	DL	29.2	18.2	69.3	0.72	0.023	0.029	0.18	17.86	48.01	17.57	18.84	0.0	0.015	54.9	8.63	1.40	221.1	0.0	0.0	0.0
291	DL	29.2	18.4	69.7	0.72	0.023	0.029	0.18	17.86	48.01	17.56	18.84	0.0	0.015	54.8	8.63	1.40	221.2	0.0	0.0	0.0
292	DL	29.2	18.4	71.2	0.72	0.023	0.029	0.19	17.92	48.01	17.51	18.84	0.0	0.015	54.8	8.60	1.38	221.4	0.0	0.0	0.0
293	DL	29.1	18.4	71.8	0.72	0.023	0.029	0.19	17.99	48.01	17.45	18.83	0.0	0.015	54.8	8.56	1.32	221.4	0.0	0.0	0.0
294	DL	29.1	18.5	72.1	0.73	0.023	0.029	0.19	18.05	48.01	17.39	18.83	0.0	0.015	54.8	8.53	1.32	221.6	0.0	0.0	0.0
295	DL	29.1	18.5	72.3	0.73	0.023	0.029	0.19	18.11	48.01	17.34	18.83	0.0	0.015	54.8	8.50	1.35	221.7	0.0	0.0	0.0
296	DL	29.1	18.5	72.8	0.73	0.023	0.029	0.19	18.15	48.00	17.31	18.82	0.0	0.015	54.8	8.48	1.35	221.8	0.0	0.0	0.0
297	DL	29.2	18.6	73.6	0.73	0.023	0.029	0.19	18.19	48.01	17.27	18.82	0.0	0.015	54.8	8.46	1.40	222.0	0.0	0.0	0.0
298	DL	29.2	18.8	73.6	0.73	0.023	0.030	0.19	18.23	48.00	17.23	18.82	0.0	0.015	54.8	8.44	1.32	222.1	0.0	0.0	0.0
299	DL	29.2	19.1	74.5	0.73	0.023	0.030	0.19	18.26	48.01	17.20	18.82	0.0	0.015	54.8	8.43	1.36	222.2	0.0	0.0	0.0
300	DL	29.3	19.2	75.3	0.74	0.023	0.030	0.20	18.31	48.01	17.16	18.81	0.0	0.015	54.8	8.41	1.25	222.3	0.0	0.0	0.0
301	DL	29.3	19.3	75.3	0.74	0.023	0.030	0.20	18.36	48.00	17.11	18.81	0.0	0.015	54.7	8.38	1.23	222.4	0.0	0.0	0.0
302	DL	29.3	19.4	74.4	0.74	0.023	0.031	0.19	18.41	48.00	17.07	18.81	0.0	0.015	54.7	8.36	1.29	222.5	0.0	0.0	0.0
303	DL	29.3	19.5	74.7	0.74	0.023	0.031	0.19	18.44	48.00	17.05	18.81	0.0	0.015	54.7	8.34	1.25	222.6	0.0	0.0	0.0
304	DL	29.2	19.6	74.7	0.74	0.023	0.031	0.19	18.47	48.00	17.02	18.81	0.0	0.015	54.7	8.33	1.28	222.6	0.0	0.0	0.0
305	DL	29.2	19.6	74.8	0.74	0.023	0.031	0.19	18.47	48.00	17.02	18.81	0.0	0.015	54.7	8.33	1.27	222.7	0.0	0.0	0.0
306	DL	29.1	19.6	74.7	0.74	0.023	0.031	0.19	18.49	48.00	17.00	18.80	0.0	0.015	54.7	8.32	1.27	222.8	0.0	0.0	0.0
307	DL	29.1	19.6	74.8	0.74	0.023	0.031	0.19	18.51	48.00	16.98	18.80	0.0	0.015	54.7	8.31	1.32	222.8	0.0	0.0	0.0
308	DL	29.0	19.6	75.0	0.75	0.023	0.031	0.19	18.54	48.00	16.96	18.80	0.0	0.015	54.7	8.29	1.26	222.8	0.0	0.0	0.0
309	DL	28.9	19.5	74.6	0.75	0.023	0.031	0.19	18.54	48.00	16.96	18.80	0.0	0.015	54.7	8.29	1.19	222.8	0.0	0.0	0.0
310	DL	28.9	19.4	74.4	0.75	0.023	0.031	0.19	18.54	48.00	16.95	18.80	0.0	0.015	54.7	8.29	1.16	222.8	0.0	0.0	0.0
311	DL	28.9	18.8	69.8	0.74	0.023	0.030	0.18	18.51	48.00	16.99	18.80	0.0	0.015	54.7	8.30	1.26	222.8	0.0	0.0	0.0
312	DL	28.5	16.9	45.9	0.72	0.022	0.027	0.12	17.93	47.99	17.51	18.84	0.0	0.015	54.0	8.48	1.19	222.8	0.0	0.0	0.0
313	DL	27.1	14.0	21.1	0.64	0.021	0.022	0.05	15.85	47.99	19.70	18.97	0.0	0.013	47.9	8.54	0.96	222.8	0.0	0.0	0.0
314	DL	24.7	11.0	10.6	0.51	0.019	0.017	0.03	12.69	48.01	24.28	19.26	0.0	0.013	46.6	10.32	0.45	222.7	0.0	0.0	0.0
315	DL	22.1	8.8	7.4	0.39	0.017	0.014	0.02	9.71	48.01	30.98	19.71	0.0	0.012	44.2	12.82	0.19	222.6	0.0	0.0	0.0
316	DL	19.8	7.2	6.1	0.31	0.016	0.011	0.02	7.60	48.04	38.48	20.24	0.0	0.012	42.0	15.53	0.11	222.4	0.0	0.0	0.0
317	DL	17.9	6.0	5.3	0.25	0.014	0.009	0.01	6.13	48.04	46.32	20.83	0.0	0.011	40.0	18.33	0.12	222.2	0.0	0.0	0.0
318	DL	16.5	5.1	5.0	0.20	0.013	0.008	0.01	4.91	48.05	55.79	21.57	0.0	0.011	37.8	21.63	0.07	222.1	0.0	0.0	0.0
319	DL	15.3	4.5	4.6	0.16	0.012	0.007	0.01	3.92	48.05	66.70	22.51	0.0	0.010	35.3	25.24	0.05	221.8	0.0	0.0	0.0
320	DL	14.4	3.9	4.5	0.13	0.011	0.006	0.01	3.27	48.06	76.59	23.44	0.0	0.009	33.4	28.51	0.08	221.6	0.0	0.0	0.0
321	DL	13.6	3.5	4.2	0.11	0.011	0.006	0.01	2.81	48.07	85.79	24.37	0.0	0.009	31.3	31.21	0.07	221.4	0.0	0.0	0.0
322	DL	12.9	3.2	4.1	0.09	0.010	0.005	0.01	2.35	48.07	97.15	25.62	0.0	0.008	29.4	34.88	0.08	221.1	0.0	0.0	0.0
323	DL	12.2	3.0	3.9	0.08	0.010	0.005	0.01	1.95	48.09	109.89	27.20	0.0	0.008	27.4	39.07	0.06	220.8	0.0	0.0	0.0
324	DL	11.7	2.7	3.7	0.07	0.009	0.004	0.01	1.70	48.09	120.02	28.61	0.0	0.007	25.3	41.53	0.04	220.6	0.0	0.0	0.0
325	DL	11.1	2.5	3.4	0.06	0.009	0.004	0.01	1.49	48.11	129.64	30.07	0.0	0.006	22.8	42.38	0.03	220.4	0.0	0.0	0.0
326	DL	10.7	2.4	3.8	0.05	0.008	0.004	0.01	1.28	48.12	141.70	32.13	0.0	0.006	21.1	45.74	-0.01	220.2	0.0	0.0	0.0
327	DL	10.4	2.7	5.5	0.05	0.008	0.004	0.01	1.13	48.12	150.91	33.93	0.0	0.005	19.1	46.64	0.05	220.1	0.0	0.0	0.0
328	DL	10.4	3.2	6.9	0.05	0.008	0.005	0.02	1.20	48.13	146.50	33.04	0.0	0.005	17.0	39.28	0.45	220.0	0.0	0.0	0.0
329	DL	10.7	3.9	6.0	0.05	0.008	0.006	0.02	1.31	48.13	139.55	31.76	0.0	0.004	15.3	32.34	0.47	219.9	0.0	0.0	0.0
330	DL	11.0	4.3	6.7	0.05	0.009	0.007	0.02	1.29	48.14	140.23	31.88	0.0	0.004	13.5	28.87	0.33	219.7	0.0	0.0	0.0
331	DL	11.2	4.4	10.2	0.05	0.009	0.007	0.03	1.35	48.15	136.80	31.26	0.0	0.003	11.2	22.76	0.70	219.6	0.0	0.0	0.0
332	DL	11.1	4.3	9.9	0.06	0.009	0.007	0.03	1.57	48.16	125.71	29.45	0.0	0.003	9.6	16.95	1.40	219.5	0.0	0.0	0.0
333	DL	11.1	4.2	8.7	0.07	0.009	0.007	0.02	1.72	48.16	119.21	28.49	0.0	0.002	7.9	12.92	1.07	219.4	0.0	0.0	0.0
334	DL	11.0	3.9	9.9	0.07	0.009	0.006	0.03	1.80	48.17	115.78	28.01	0.0	0.002	6.3	9.77	1.02	219.3	0.0	0.0	0.0
335	DL	10.8	3.9	12.0	0.08	0.008	0.006	0.03	1.95	48.16	110.16	27.24	0.0	0.001	4.4	6.38	1.19	219.2	0.0	0.0	0.0
336	DL	10.5	3.8	13.3	0.09	0.008	0.006	0.03	2.16	48.18	103.12	26.35	0.0	0.001	3.0	3.93	1.43	219.2	0.0	0.0	0.0
337	DL	10.3	3.7	13.7	0.09	0.008	0.006	0.04	2.37	48.17	96.96	25.62	0.0	0.001	1.8	2.21	1.55	219.1	0.0	0.0	0.0
338	DL	10.0	3.7	14.3	0.10	0.008	0.006	0.04	2.54	48.18	92.37	25.09	0.0	0.000	0.8	0.91	1.73	219.1	0.0	0.0	0.0
339	DL	9.8	3.7	15.4	0.11	0.008	0.006	0.04	2.69	48.18	88.80	24.70	0.0	0.000	0.1	0.11	1.83	219.0	0.0	0.0	0.0
340	DL	9.6	3.8	16.2	0.11	0.008	0.006	0.04	2.84	48.20	85.39	24.34	0.0	0.000	0.0	1.02	1.90	218.9	0.0	0.0	0.0

341	DL	9.3	3.8	16.3	0.12	0.007	0.006	0.04	2.98	48.19	82.35	24.03	0.0	0.000	0.0	1.07	1.95	218.8	0.0	0.0	0.0
342	DL	9.2	3.9	16.4	0.12	0.007	0.006	0.04	3.11	48.20	79.92	23.78	0.0	0.000	0.0	1.11	2.06	218.7	0.0	0.0	0.0
343	DL	9.0	4.0	16.7	0.13	0.007	0.006	0.04	3.19	48.21	78.44	23.63	0.0	0.000	0.0	1.14	2.00	218.7	0.0	0.0	0.0
344	DL	8.8	4.0	16.7	0.13	0.007	0.006	0.04	3.24	48.21	77.43	23.53	0.0	0.000	0.0	1.16	2.11	218.7	0.0	0.0	0.0
345	DL	8.7	4.0	16.8	0.13	0.007	0.006	0.04	3.30	48.22	76.41	23.43	0.0	0.000	0.0	1.18	2.15	218.7	0.0	0.0	0.0
346	DL	8.5	4.0	16.7	0.13	0.007	0.006	0.04	3.36	48.22	75.52	23.35	0.0	0.000	0.0	1.20	2.12	218.7	0.0	0.0	0.0
347	DL	8.4	4.0	16.7	0.14	0.007	0.006	0.04	3.38	48.22	75.05	23.30	0.0	0.000	0.0	1.21	2.11	218.8	0.0	0.0	0.0
348	DL	8.3	4.0	16.7	0.14	0.007	0.006	0.04	3.41	48.23	74.59	23.26	0.0	0.000	0.0	1.22	2.09	218.8	0.0	0.0	0.0
349	DL	8.2	4.0	16.6	0.14	0.006	0.006	0.04	3.44	48.22	74.19	23.22	0.0	0.000	0.0	1.23	2.07	218.8	0.0	0.0	0.0
350	DL	8.1	4.0	16.8	0.14	0.006	0.006	0.04	3.45	48.23	74.00	23.20	0.0	0.000	0.0	1.23	2.10	218.7	0.0	0.0	0.0
351	DL	8.0	4.0	16.7	0.14	0.006	0.006	0.04	3.45	48.23	73.97	23.20	0.0	0.000	0.0	1.23	2.05	218.7	0.0	0.0	0.0
352	DL	7.9	3.9	16.4	0.14	0.006	0.006	0.04	3.45	48.24	73.98	23.20	0.0	0.000	0.0	1.23	1.99	218.7	0.0	0.0	0.0
353	DL	7.8	3.9	16.7	0.14	0.006	0.006	0.04	3.46	48.23	73.88	23.19	0.0	0.000	0.0	1.23	1.96	218.8	0.0	0.0	0.0
354	DL	7.7	3.8	16.8	0.14	0.006	0.006	0.04	3.46	48.24	73.82	23.19	0.0	0.000	0.0	1.23	1.91	218.8	0.0	0.0	0.0
355	DL	7.6	3.8	16.5	0.14	0.006	0.006	0.04	3.47	48.24	73.77	23.18	0.0	0.000	0.0	1.24	1.94	218.8	0.0	0.0	0.0
356	DL	7.6	3.8	16.6	0.14	0.006	0.006	0.04	3.47	48.24	73.71	23.18	0.0	0.000	0.0	1.24	2.04	218.8	0.0	0.0	0.0
357	DL	7.5	3.8	16.5	0.14	0.006	0.006	0.04	3.48	48.24	73.51	23.16	0.0	0.000	0.0	1.24	2.06	218.8	0.0	0.0	0.0

Test #: 1075 Commuter

Date: 5/12/94

Test cycle results

CO (g/mi) = 1.60

CO2 (g/mi) = 165.78

NOx (g/mi) = 6.62

Time	CO (ppm)	CO2 (%)	NOx (ppm)	FT INL1	FT INL2	Temp (F)	Eng. RPM	Inlet mass flow (scfm)	Exhaust mass flow (scfm)	Speed (mph)	CO cum (g)	NOx cum (g)	CO2 cum (g)	miles
09:31:43	485.47	4.32	653.97	97.68	65.93	74.40	679.83							
09:31:44	485.47	4.18	653.48	98.90	69.60	74.40	679.83							
09:31:45	485.47	4.18	653.48	98.90	69.60	74.40	679.83							
09:31:46	419.17	3.85	449.82	100.12	75.70	74.40	678.81	12.7448	13.5146	0.1131	0.0036	0.0079	0.0042	0.0000
09:31:47	419.29	3.68	449.33	101.34	75.70	74.64	675.25	12.9041	13.6588	0.1131	0.0072	0.0160	0.0083	0.0001
09:31:48	419.05	3.60	449.82	101.34	74.48	74.64	677.29	12.9041	13.6588	0.1131	0.0109	0.0240	0.0123	0.0001
09:31:49	419.17	3.50	449.82	100.12	72.04	74.64	682.37	13.0634	13.7650	0.1131	0.0140	0.0296	0.0161	0.0001
09:31:50	419.05	3.37	449.82	96.46	65.93	74.64	680.34	13.2227	13.9018	0.1131	0.0172	0.0352	0.0197	0.0002
09:31:51	419.17	3.30	449.82	95.24	62.27	74.40	680.34	13.2227	13.8867	0.1131	0.0204	0.0408	0.0232	0.0002
09:31:52	419.17	3.30	449.82	95.24	62.27	74.40	680.34	13.0634	13.7016	0.1131	0.0235	0.0463	0.0266	0.0002
09:31:53	419.17	3.15	450.31	92.80	57.39	74.40	678.31	12.5855	13.1777	0.1131	0.0266	0.0517	0.0299	0.0003
09:31:54	419.17	3.09	449.33	91.58	57.39	74.40	681.36	12.4262	12.9987	0.1131	0.0295	0.0569	0.0331	0.0003
09:31:55	419.17	3.05	245.67	91.58	57.39	74.64	681.36	12.4262	12.9987	0.1131	0.0325	0.0622	0.0363	0.0003
09:31:56	349.69	3.01	245.67	91.58	56.17	74.40	682.37	12.1076	12.6398	0.1131	0.0354	0.0673	0.0393	0.0003
09:31:57	349.57	2.99	245.67	91.58	56.17	74.64	679.83	11.9483	12.4637	0.1131	0.0383	0.0724	0.0424	0.0004
09:31:58	349.69	2.96	245.67	91.58	54.95	74.64	679.83	11.9483	12.4566	0.1131	0.0411	0.0751	0.0453	0.0004
09:31:59	349.69	2.96	245.67	91.58	54.95	74.64	679.83	11.9483	12.4479	0.1131	0.0435	0.0779	0.0482	0.0004
09:32:00	349.69	2.96	245.67	92.80	52.50	74.64	681.86	11.9483	12.4447	0.1131	0.0459	0.0806	0.0511	0.0005
09:32:01	349.69	2.96	245.18	91.58	51.28	74.64	681.86	11.9483	12.4408	0.1131	0.0483	0.0834	0.0540	0.0005
09:32:02	349.69	2.96	245.18	91.58	52.50	74.40	679.32	11.9483	12.4408	0.1131	0.0507	0.0861	0.0569	0.0005
09:32:03	349.57	2.98	246.15	91.58	52.50	74.40	682.88	12.1076	12.6066	0.1131	0.0531	0.0889	0.0598	0.0006
09:32:04	349.69	3.01	245.67	91.58	53.72	74.40	741.36	11.9483	12.4408	0.1131	0.0555	0.0916	0.0627	0.0006
09:32:05	349.69	3.02	305.74	94.02	56.17	74.40	871.02	11.9483	12.4408	0.1131	0.0578	0.0944	0.0656	0.0006
09:32:06	280.71	3.06	305.74	98.90	62.27	74.40	900.00	11.9483	12.4427	0.1131	0.0602	0.0971	0.0685	0.0007
09:32:07	280.71	3.07	305.25	102.56	65.93	74.40	940.68	11.9483	12.4485	0.7916	0.0626	0.0999	0.0890	0.0009
09:32:08	280.71	3.07	305.25	102.56	65.93	74.40	940.68	12.2669	12.7825	3.2793	0.0651	0.1034	0.1742	0.0018
09:32:09	280.71	3.12	305.74	136.75	81.81	74.64	1345.93	12.9041	13.4511	3.7317	0.0671	0.1071	0.2723	0.0028
09:32:10	280.71	3.14	305.74	178.27	94.02	74.64	1483.73	13.3820	13.9522	4.1840	0.0693	0.1109	0.3829	0.0040
09:32:11	280.71	3.17	305.74	253.97	125.76	74.64	1670.85	13.3820	13.9522	4.1840	0.0714	0.1148	0.4935	0.0052
09:32:12	280.83	3.20	305.74	832.48	224.66	74.64	2013.05	17.8427	18.6155	7.3503	0.0743	0.1199	0.6910	0.0072
09:32:13	280.71	3.22	305.74	1146.52	388.28	74.64	1872.71	23.2593	24.2704	8.5941	0.0780	0.1265	0.9228	0.0096
09:32:14	280.71	3.24	306.23	1518.93	586.08	74.88	1877.29	33.1365	34.5915	10.4034	0.0833	0.1361	1.2062	0.0125
09:32:15	280.71	3.24	306.23	1518.93	586.08	74.88	1877.29	82.5226	86.1864	12.0997	0.0966	0.1598	1.5395	0.0158
09:32:16	230.77	3.30	365.32	2072.04	865.69	74.64	1944.41	149.5922	156.2742	15.2659	0.1206	0.2027	1.9625	0.0201
09:32:17	230.77	3.30	365.32	2072.04	865.69	74.64	1944.41	198.1817	207.0987	16.8491	0.1524	0.2598	2.4328	0.0248
09:32:18	230.77	3.32	365.32	2152.63	946.28	74.88	1970.85	198.1817	207.0987	16.8491	0.1843	0.3168	2.9030	0.0294
09:32:19	230.77	3.34	365.32	2230.77	1018.31	74.64	1698.31	270.3493	282.6930	19.6761	0.2200	0.4097	3.4615	0.0349
09:32:20	230.77	3.34	365.32	2131.87	1030.52	74.88	1601.19	270.3493	282.6930	19.6761	0.2557	0.5025	4.0199	0.0404
09:32:21	230.77	3.37	365.32	1940.17	931.62	74.88	1660.17	280.8637	293.7486	20.5807	0.2928	0.5991	4.6068	0.0461
09:32:22	230.77	3.39	365.81	1841.27	862.03	74.88	1758.31	291.0596	304.5071	22.9554	0.3313	0.6991	5.2660	0.0525
09:32:23	230.77	3.41	365.32	1948.72	862.78	75.13	1880.34	278.1555	291.0068	23.9731	0.3680	0.7947	5.9544	0.0591
09:32:24	230.77	3.42	365.32	2037.85	974.36	75.13	1964.75	253.1437	264.9357	24.8778	0.4015	0.8818	6.6747	0.0660
09:32:25	230.77	3.42	365.32	2037.85	974.36	75.13	1964.75	240.2396	251.4958	26.3478	0.4333	0.9645	7.4420	0.0733
09:32:26	230.77	3.44	381.44	2186.81	1013.43	75.13	1967.29	254.2589	266.2688	28.1571	0.4669	1.0520	8.2685	0.0812
09:32:27	180.95	3.46	381.44	2020.76	945.05	75.13	1443.56	265.8886	278.4912	29.5141	0.5021	1.1435	9.1379	0.0894
09:32:28	180.95	3.46	381.44	1689.86	783.88	75.13	1463.39	265.8886	278.4912	29.5141	0.5373	1.2350	10.0073	0.0976
09:32:29	180.95	3.48	381.44	1465.20	671.55	75.13	1499.49	285.3244	298.9259	30.1926	0.5751	1.3375	10.9017	0.1060
09:32:30	180.95	3.50	381.44	1335.78	566.54	75.13	1550.34	263.6583	276.2446	31.4365	0.6024	1.4323	11.8361	0.1147
09:32:31	180.95	3.53	381.44	1365.08	548.23	75.13	1615.43	220.4851	231.0105	32.0019	0.6253	1.5115	12.7874	0.1236
09:32:32	180.95	3.59	381.44	1456.65	612.94	74.88	1615.43	191.1721	200.3502	32.7935	0.6452	1.5803	13.7677	0.1327
09:32:33	180.95	3.63	381.44	1559.22	636.14	75.13	1695.76	174.2852	182.7095	33.8112	0.6633	1.6429	14.7852	0.1421
09:32:34	180.83	3.73	380.95	1652.01	664.22	74.88	1738.98	178.1087	186.8050	35.2812	0.6818	1.7070	15.8576	0.1519
09:32:35	180.95	3.78	397.07	1757.02	691.09	74.88	1767.46	190.0569	199.4816	36.4120	0.7015	1.7754	16.9816	0.1620
09:32:36	232.36	3.86	397.07	1832.72	705.74	74.64	1796.44	203.4390	213.6491	36.9774	0.7227	1.8487	18.1366	0.1723
09:32:37	232.23	4.00	397.07	1931.62	787.55	74.64	1838.65	215.5465	226.6463	37.9952	0.7452	1.9264	19.3541	0.1828
09:32:38	232.23	4.10	397.07	1987.79	833.94	74.88	1865.09	229.2472	241.2402	38.6737	0.7691	2.0125	20.6128	0.1936
09:32:39	232.23	4.22	397.56	2028.86	857.14	74.64	1892.54	239.1244	251.9190	39.2391	0.8011	2.1025	21.9162	0.2045
09:32:40	232.36	4.39	397.07	2101.34	871.79	74.64	1931.19	252.0285	265.9955	40.1437	0.8349	2.1975	23.2969	0.2156
09:32:41	232.23	4.51	397.07	2201.47	886.45	74.40	1954.58	259.3568	274.0846	40.7091	0.8698	2.2954	24.7312	0.2269

1	K1	1	unitless	for flow calc	
2	K2	1	unitless	for NOx calc (expt deriv.)	K2=1/(1-0.0047*(H-75))
3	CO density	32.65	gm/ft^3	T=70 F, P=760 mmHG	H=grains of water/lbm dry air
4	NOx density	53.96	gm/ft^3	T=70 F, P=760 mmHG	
5	Rhc	1.8	unitless	Diesel #2	
6	Ywi	0.03	unitless	for humidity comp. (from chart)	
7	gear ratio	3.56	unitless		
8	sde rev	16	pulses		
9	tire	114	inches		
10	interval	1	seconds		
11	CO2 density	51.61	gm/ft^3	T=70 F, P=760 mmHG	
12	FF1	0.5			
13	FF2	0			

09:32:42	232.23	4.67	397.07	2246.64	909.65	74.16	1555.43	264.4548	279.9356	41.2745	0.9054	2.3954	26.2298	0.2384
09:32:43	232.36	4.79	397.07	1768.01	808.30	74.16	1451.70	274.1726	290.8538	42.1792	0.9424	2.4993	27.8207	0.2501
09:32:44	232.11	4.90	397.07	1508.71	719.17	74.16	1470.00	287.2362	305.2326	42.8576	0.9812	2.6083	29.4848	0.2620
09:32:45	232.23	5.06	704.27	1324.79	652.01	74.40	1492.88	293.1306	312.1572	43.4230	1.0209	2.7198	31.2306	0.2741
09:32:46	286.20	5.19	704.27	1308.91	647.13	74.16	1510.17	230.6810	246.0351	43.8754	1.0522	2.8076	33.0387	0.2863
09:32:47	286.20	5.29	704.27	1327.23	664.22	74.40	1524.92	196.5886	209.9768	44.5539	1.0788	2.8826	34.9168	0.2986
09:32:48	286.20	5.43	704.76	1368.74	684.98	74.64	1549.32	172.8515	185.0237	45.1193	1.1024	2.9998	36.8823	0.3112
09:32:49	286.20	5.53	703.78	1405.37	663.00	74.64	1565.09	170.7804	183.1175	45.4585	1.1311	3.1158	38.9100	0.3238
09:32:50	286.20	5.67	703.78	1435.90	643.47	74.64	1586.95	173.1701	185.9288	46.0239	1.1602	3.2335	41.0030	0.3366
09:32:51	286.20	5.77	704.27	1492.06	634.92	74.64	1601.70	178.5866	192.1103	46.5893	1.1903	3.3553	43.1797	0.3495
09:32:52	286.20	5.84	703.78	1543.34	670.33	74.64	1616.95	183.3659	197.5057	47.2678	1.2213	3.4803	45.4277	0.3626
09:32:53	286.20	6.03	704.27	1586.08	691.09	74.64	1639.83	187.3487	202.1803	47.7201	1.2529	3.6083	47.7566	0.3759
09:32:54	286.20	6.13	703.78	1625.15	716.73	74.64	1653.05	194.6769	210.3483	48.2855	1.2859	3.7415	50.1520	0.3893
09:32:55	286.20	6.23	1009.04	1642.25	736.26	74.64	1667.29	201.3679	217.7907	48.9640	1.3200	3.8794	52.6122	0.4029
09:32:56	383.88	6.36	1009.04	1713.06	786.32	74.88	1687.12	206.9438	224.3858	49.4163	1.3552	4.0215	55.1766	0.4166
09:32:57	383.88	6.46	1009.04	1728.94	808.30	75.13	1696.27	212.0417	230.1971	49.9817	1.3913	4.1672	57.8106	0.4305
09:32:58	383.88	6.61	1009.04	1692.31	794.87	75.13	1698.81	214.2720	232.9413	50.4341	1.4278	4.3786	60.5141	0.4445
09:32:59	384.00	6.68	1009.04	1656.90	794.87	75.13	1698.81	223.5120	243.5168	50.9995	1.4789	4.5996	63.3148	0.4587
09:33:00	384.00	6.68	1009.04	1656.90	786.32	75.37	1709.49	225.5831	246.0255	51.2256	1.5306	4.8228	66.1623	0.4729
09:33:01	383.88	6.77	1008.55	1606.84	715.51	75.13	1711.02	220.8038	241.2830	51.3387	1.5814	5.0418	69.0816	0.4872
09:33:02	383.88	6.84	1009.52	1429.79	661.78	75.37	1712.04	216.1838	236.4526	51.3387	1.6311	5.2563	72.0319	0.5015
09:33:03	384.00	6.98	1009.04	1216.12	594.63	75.61	1722.71	216.1838	236.4526	51.5649	1.6808	5.4709	74.9952	0.5158
09:33:04	384.00	7.01	1009.52	1180.71	587.30	75.61	1727.29	209.6521	229.5789	51.7910	1.7290	5.6791	78.0116	0.5302
09:33:05	384.00	7.01	1009.52	1180.71	587.30	75.61	1727.29	186.5521	204.4719	51.6780	1.7720	5.8648	81.0526	0.5445
09:33:06	383.76	7.06	1182.91	1170.94	575.09	75.61	1731.36	158.6729	174.2267	52.1303	1.8086	6.0229	84.1815	0.5590
09:33:07	460.07	7.13	1182.91	1162.39	553.11	75.61	1736.95	154.0529	169.2318	52.1303	1.8442	6.1765	87.3261	0.5735
09:33:08	460.20	7.15	1183.39	1163.61	526.25	75.85	1740.00	154.0529	169.2318	52.1303	1.8798	6.3302	90.4708	0.5880
09:33:09	460.20	7.22	1182.91	1083.03	443.22	75.61	1742.54	152.7784	167.9434	52.3564	1.9151	6.5088	93.6520	0.6025
09:33:10	460.07	7.24	1182.91	1042.73	405.37	75.37	1749.15	151.6632	166.8859	52.4695	1.9571	6.6864	96.8700	0.6171
09:33:11	460.07	7.33	1182.91	981.68	363.86	75.37	1754.24	151.8225	167.1126	52.4695	1.9992	6.8642	100.0985	0.6317
09:33:12	460.07	7.35	1183.39	965.81	357.75	75.13	1757.29	141.3081	155.6666	52.5826	2.0384	7.0298	103.3623	0.6463
09:33:13	460.07	7.35	1183.39	965.81	357.75	75.13	1757.29	136.0507	149.9133	52.9218	2.0762	7.1893	106.6560	0.6610
09:33:14	460.20	7.39	1182.91	975.58	368.74	75.13	1758.82	128.0853	141.3169	52.9218	2.1118	7.3396	109.9942	0.6757
09:33:15	460.20	7.42	1183.39	1006.10	396.83	75.13	1763.39	126.0143	139.0675	53.0349	2.1468	7.4877	113.3484	0.6904
09:33:16	460.07	7.46	1354.82	1024.42	422.47	75.13	1768.98	126.0143	139.0675	53.0349	2.1819	7.6357	116.7026	0.7051
09:33:17	460.07	7.46	1354.82	1024.42	422.47	75.13	1768.98	127.2888	140.5386	53.1480	2.2173	7.7852	120.0800	0.7199
09:33:18	499.39	7.52	1354.82	1057.39	462.76	75.13	1776.61	131.2714	144.9951	53.2611	2.2538	7.9395	123.4789	0.7347
09:33:19	499.39	7.55	1354.82	1122.10	488.40	75.37	1781.19	133.6612	147.7177	53.4873	2.2910	8.1195	126.9121	0.7495
09:33:20	499.51	7.57	1354.82	1139.19	506.72	75.37	1781.19	133.6612	147.7177	53.4873	2.3282	8.2994	130.3452	0.7644
09:33:21	499.51	7.57	1354.82	1139.19	506.72	75.37	1781.19	137.9626	152.5993	53.7134	2.3699	8.4854	133.8199	0.7793
09:33:22	499.51	7.57	1354.82	1147.74	518.93	75.61	1780.17	146.4060	162.0048	53.8265	2.4142	8.6828	137.3163	0.7943
09:33:23	499.51	7.57	1354.82	1103.79	518.93	75.61	1784.24	148.6363	164.5148	53.9396	2.4592	8.8832	140.8292	0.8093
09:33:24	499.39	7.56	1354.82	1083.03	527.47	75.85	1787.80	148.6363	164.5148	53.9396	2.5042	9.0837	144.3421	0.8242
09:33:25	499.39	7.56	1354.82	1083.03	527.47	75.85	1787.80	149.7515	165.7491	53.9396	2.5496	9.2856	147.8549	0.8392
09:33:26	499.63	7.54	1265.45	1001.22	440.78	75.61	1795.93	144.0164	159.4013	54.0527	2.5931	9.4798	151.3752	0.8542
09:33:27	499.51	7.50	1265.45	1006.10	420.02	75.61	1799.49	141.3081	156.3797	53.9396	2.6359	9.6704	154.8826	0.8692
09:33:28	499.51	7.50	1265.45	1006.10	420.02	75.61	1799.49	141.3081	156.3797	53.9396	2.6787	9.8609	158.3901	0.8842
09:33:29	499.39	7.48	1265.93	1029.30	417.58	75.61	1802.03	130.6343	144.5306	54.2788	2.7182	10.0254	161.9104	0.8993
09:33:30	499.39	7.43	1264.96	1068.38	421.25	75.37	1806.10	131.2714	145.1613	54.3919	2.7579	10.1906	165.4199	0.9144
09:33:31	499.39	7.40	1265.45	1070.82	412.70	75.37	1809.15	131.2714	145.1613	54.3919	2.7976	10.3558	168.9293	0.9295
09:33:32	499.51	7.34	1265.45	1103.79	415.14	75.37	1812.71	134.2984	148.4630	54.3919	2.8382	10.5248	172.4278	0.9446
09:33:33	499.51	7.29	1265.45	1111.11	426.13	75.37	1817.80	139.3964	153.9962	54.5050	2.8803	10.7000	175.9098	0.9597
09:33:34	499.51	7.19	1265.45	1159.95	445.67	75.13	1824.41	139.7150	154.2930	54.6181	2.9225	10.8756	179.3861	0.9749
09:33:35	499.51	7.11	1265.45	1181.93	457.88	75.37	1828.48	144.0164	158.9294	54.6181	2.9659	11.0565	182.8368	0.9901
09:33:36	499.51	7.05	1177.53	1191.70	499.39	75.37	1831.53	144.9722	159.8780	54.9573	3.0097	11.2384	186.2849	1.0054
09:33:37	499.39	6.99	1177.04	1219.78	567.77	75.37	1838.61	151.3446	166.6752	55.1835	3.0552	11.4281	189.6971	1.0207
09:33:38	499.39	6.92	1178.02	1258.41	570.21	75.37	1839.66	154.2122	169.6595	55.1835	3.1016	11.6212	193.0723	1.0360
09:33:39	499.39	6.92	1178.02	1258.41	570.21	75.37	1839.66	155.4867	170.9304	55.2965	3.1484	11.8022	196.4265	1.0514
09:33:40	499.39	6.87	1177.04	1282.05	571.43	75.37	1843.22	159.1508	174.8062	55.4096	3.1962	11.9873	199.7560	1.0668
09:33:41	499.39	6.78	1177.04	1305.25	595.85	75.61	1847.29	163.9301	179.8990	55.6358	3.2454	12.1779	203.0673	1.0822
09:33:42	499.51	6.63	1177.53	1318.68	578.75	75.61	1853.90	163.9301	179.8990	55.6358	3.2946	12.3684	206.3785	1.0977
09:33:43	499.39	6.60	1177.53	1302.81	529.91	75.37	1857.46	167.2756	183.4576	55.6358	3.3447	12.5626	209.6674	1.1131
09:33:44	499.39	6.60	1177.53	1302.81	529.91	75.37	1857.46	170.3025	186.5574	55.8620	3.3957	12.7601	212.9264	1.1286
09:33:45	499.51	6.54	1177.04	1312.58	514.04	75.61	1861.02	172.0549	188.1103	56.0881	3.4472	12.9593	216.1271	1.1442
09:33:46	499.39	6.45	950.43	1349.21	515.26	75.37	1865.09	169.9839	185.7507	55.9750	3.4980	13.1560	219.3025	1.1598
09:33:47	499.39	6.41	950.43	1373.63	571.43	75.61	1867.63	169.9839	185.7507	55.9750	3.5488	13.3528	222.4780	1.1753
09:33:48	499.39	6.27	950.43	1409.04	713.06	75.85	1870.68	171.2584	186.9996	56.2012	3.5999	13.5507	225.6379	1.1909

09:33:49	499.39	6.27	950.43	1409.04	713.06	75.85	1870.68	176.0377	191.9915	56.4273	3.6524	13.7148	228.7669	1.2066
09:33:50	499.51	6.15	950.92	1163.61	489.62	75.61	1861.02	179.2238	195.3762	56.5404	3.7058	13.8818	231.8852	1.2223
09:33:51	499.39	6.10	950.43	1084.25	451.77	75.61	1861.02	183.8438	200.0528	56.4273	3.7605	14.0528	234.9309	1.2380
09:33:52	499.39	6.04	950.43	1043.96	443.22	75.61	1865.09	183.8438	200.0528	56.4273	3.8152	14.2238	237.9765	1.2537
09:33:53	499.39	6.01	950.43	1025.64	450.55	75.61	1867.12	151.8225	164.9455	56.0881	3.8603	14.3649	240.9455	1.2692
09:33:54	499.51	5.95	950.43	1076.92	473.75	75.61	1864.58	141.4674	153.5927	56.3143	3.9023	14.4961	243.9018	1.2849
09:33:55	499.51	5.94	724.30	1111.11	517.70	75.61	1863.05	136.2102	147.7633	56.2012	3.9427	14.6224	246.8220	1.3005
09:33:56	499.51	5.94	724.30	1111.11	517.70	75.61	1863.05	133.8204	145.1037	56.3143	3.9824	14.7465	249.7311	1.3161
09:33:57	450.67	5.86	724.79	1169.72	605.62	76.10	1870.68	140.5115	152.2495	56.4273	4.0240	14.8766	252.6194	1.3318
09:33:58	450.55	5.81	724.79	1229.55	634.92	76.34	1873.22	144.9722	157.0586	56.0881	4.0670	14.9789	255.4848	1.3474
09:33:59	450.67	5.80	724.79	1275.95	616.61	76.10	1877.29	144.9722	157.0586	56.0881	4.1099	15.0812	258.3501	1.3630
09:34:00	450.55	5.79	724.30	1311.35	565.32	76.34	1879.83	152.6191	165.1583	56.4273	4.1507	15.1889	261.1949	1.3786
09:34:01	450.55	5.76	724.79	1347.98	545.79	76.34	1881.87	160.4253	173.4987	56.6535	4.1935	15.3020	264.0283	1.3944
09:34:02	450.67	5.74	724.79	1291.82	509.16	76.34	1866.61	166.4791	180.0180	56.6535	4.2379	15.4193	266.8559	1.4101
09:34:03	450.67	5.72	724.30	1175.82	471.31	76.10	1865.59	171.0990	184.9852	56.7666	4.2835	15.5398	269.6834	1.4259
09:34:04	450.55	5.70	724.30	1040.29	422.47	76.10	1868.14	175.8783	190.0741	56.7666	4.3304	15.6637	272.4957	1.4417
09:34:05	450.79	5.69	682.30	995.12	437.12	76.34	1868.14	168.5501	182.0982	56.5404	4.3753	15.7824	275.2854	1.4574
09:34:06	371.06	5.67	682.30	996.34	473.75	76.34	1867.12	153.4156	165.7046	56.3143	4.4162	15.8903	278.0545	1.4730
09:34:07	371.06	5.66	681.81	1023.20	505.49	76.58	1867.12	135.7322	146.5820	56.5404	4.4524	15.9858	280.8290	1.4887
09:34:08	371.06	5.66	681.81	1046.40	526.25	76.58	1868.65	129.8377	140.1948	56.3143	4.4870	16.0718	283.5868	1.5044
09:34:09	371.06	5.63	681.81	1086.69	542.12	76.58	1866.10	129.9971	140.3102	56.5404	4.5155	16.1579	286.3461	1.5201
09:34:10	371.06	5.63	682.30	1105.01	534.80	76.58	1867.12	133.5019	144.0634	56.3143	4.5448	16.2463	289.0868	1.5357
09:34:11	371.06	5.61	681.81	1122.10	542.12	76.82	1867.12	136.5288	147.3298	56.4273	4.5747	16.3366	291.8330	1.5514
09:34:12	371.06	5.61	681.81	1148.96	542.12	76.82	1867.12	141.7860	152.9557	56.4273	4.6058	16.4304	294.5679	1.5670
09:34:13	371.06	5.61	681.81	1148.96	542.12	76.82	1867.12	144.1757	155.5336	56.4273	4.6374	16.5258	297.3027	1.5827
09:34:14	371.18	5.60	682.30	1152.63	548.23	76.82	1865.09	146.4060	157.8827	56.3143	4.6694	16.6226	300.0189	1.5984
09:34:15	371.06	5.56	639.80	1203.91	521.37	77.06	1866.61	149.9108	161.6623	56.4273	4.7023	16.7218	302.7404	1.6140
09:34:16	371.06	5.54	639.80	1194.14	516.48	77.06	1868.14	149.9108	161.6623	56.4273	4.7351	16.8209	305.4620	1.6297
09:34:17	299.63	5.52	640.29	1185.59	512.82	77.06	1869.15	150.3887	162.1527	56.2012	4.7681	16.9204	308.1670	1.6453
09:34:18	299.63	5.50	640.29	1177.05	499.39	77.06	1869.15	157.0798	169.2799	56.3143	4.8025	17.0178	310.8586	1.6610
09:34:19	299.63	5.48	639.80	1166.06	448.11	77.06	1871.19	155.8053	167.8718	56.4273	4.8366	17.1144	313.5479	1.6766
09:34:20	299.63	5.45	639.80	1145.30	433.46	76.82	1871.19	154.6901	166.6056	56.3143	4.8639	17.2103	316.2224	1.6923
09:34:21	299.63	5.45	639.80	1145.30	433.46	76.82	1871.19	153.5750	165.3534	56.5404	4.8910	17.3055	318.8963	1.7080
09:34:22	299.63	5.41	640.29	1196.58	431.01	76.82	1874.24	152.1412	163.7675	56.5404	4.9179	17.3998	321.5607	1.7237
09:34:23	299.63	5.39	639.80	1188.03	445.67	76.82	1874.24	149.4329	160.7943	56.5404	4.9443	17.4923	324.2117	1.7394
09:34:24	299.63	5.39	639.80	1164.83	455.43	76.82	1876.27	149.4329	160.7943	56.5404	4.9706	17.5848	326.8628	1.7551
09:34:25	299.63	5.36	598.34	1166.06	476.19	76.82	1877.29	156.1239	167.8989	56.6535	4.9982	17.6815	329.4983	1.7708
09:34:26	299.63	5.35	598.34	1178.27	500.61	76.82	1875.76	155.0087	166.6652	56.5404	5.0255	17.7774	332.1208	1.7866
09:34:27	240.78	5.32	596.34	1181.93	499.39	77.06	1875.76	151.9818	163.4107	56.6535	5.0523	17.8714	334.7487	1.8023
09:34:28	240.78	5.32	596.34	1181.93	499.39	77.06	1875.76	152.1412	163.5146	56.7666	5.0792	17.9591	337.3665	1.8181
09:34:29	240.78	5.28	598.34	1200.24	518.93	77.06	1877.29	153.7343	165.1927	56.6535	5.1063	18.0477	339.9715	1.8338
09:34:30	240.78	5.28	596.34	1210.01	529.91	77.06	1875.76	154.2122	165.6287	56.6535	5.1281	18.1365	342.5632	1.8495
09:34:31	240.78	5.24	598.34	1208.79	537.24	77.06	1875.76	154.2122	165.6287	56.6535	5.1499	18.2254	345.1549	1.8653
09:34:32	240.78	5.24	596.34	1216.12	538.46	77.06	1875.76	156.6018	168.1086	56.7666	5.1721	18.3155	347.7326	1.8810
09:34:33	240.78	5.20	595.85	1210.01	543.35	77.06	1875.76	157.8763	169.4767	56.6535	5.1944	18.4064	350.3053	1.8968
09:34:34	240.78	5.19	595.85	1162.39	529.91	77.31	1875.76	157.7170	169.2097	56.7666	5.2167	18.4972	352.8621	1.9125
09:34:35	240.78	5.15	552.38	1084.25	494.51	77.06	1872.71	158.6729	170.2352	56.6535	5.2392	18.5885	355.4138	1.9283
09:34:36	240.78	5.15	552.38	1084.25	494.51	77.06	1872.71	157.8763	169.3020	56.7666	5.2615	18.6792	357.9535	1.9440
09:34:37	198.41	5.13	552.38	1043.96	471.31	77.06	1875.26	151.6632	162.6141	56.7666	5.2829	18.7663	360.4874	1.9598
09:34:38	198.41	5.13	552.38	1068.38	479.85	77.06	1873.73	141.4674	151.6117	56.6535	5.3029	18.8416	362.9992	1.9756
09:34:39	198.41	5.12	552.38	1112.33	495.73	77.31	1874.75	141.4674	151.6117	56.6535	5.3229	18.9170	365.5109	1.9913
09:34:40	198.53	5.10	551.89	1122.10	481.07	77.31	1873.22	136.2102	145.9210	56.7666	5.3388	18.9894	368.0163	2.0071
09:34:41	198.41	5.08	551.89	1119.66	485.96	77.55	1873.22	139.3964	149.3344	56.6535	5.3550	19.0636	370.5166	2.0228
09:34:42	198.41	5.05	552.38	1109.89	465.20	77.31	1873.22	145.1315	155.4463	56.7666	5.3719	19.1409	373.0143	2.0386
09:34:43	198.41	5.06	552.87	1124.54	439.56	77.31	1875.26	146.4060	156.7710	56.5404	5.3889	19.2187	375.4926	2.0543
09:34:44	198.41	5.03	552.38	1137.97	433.46	77.55	1875.26	146.0874	156.3975	56.5404	5.4059	19.2963	377.9632	2.0700
09:34:45	198.41	5.03	552.38	1137.97	433.46	77.55	1875.26	144.8129	154.9771	56.5404	5.4227	19.3733	380.4206	2.0857
09:34:46	198.41	5.04	551.89	1146.52	444.44	77.55	1873.73	146.7246	157.0473	56.6535	5.4398	19.4514	382.8886	2.1014
09:34:47	177.78	5.03	538.22	1169.72	470.09	77.79	1873.73	148.4770	158.8574	56.7666	5.4571	19.5303	385.3463	2.1172
09:34:48	177.78	5.01	538.22	1122.10	493.28	77.79	1875.26	148.4770	158.8574	56.7666	5.4743	19.6092	387.8039	2.1330
09:34:49	177.78	5.01	537.73	1101.34	493.28	77.55	1875.26	149.5922	160.0753	56.5404	5.4917	19.6886	390.2575	2.1487
09:34:50	177.78	5.01	537.73	1096.46	483.52	77.55	1876.78	152.6191	163.2660	56.6535	5.5076	19.7677	392.7065	2.1644
09:34:51	177.90	5.01	538.22	1100.12	471.31	77.55	1876.78	146.4060	156.5953	56.6535	5.5228	19.8435	395.1497	2.1801
09:34:52	177.78	5.01	538.22	1114.77	460.32	77.55	1873.73	143.6977	153.6985	56.7666	5.5378	19.9178	397.5978	2.1959
09:34:53	177.90	5.00	538.22	1100.12	438.34	77.55	1871.70	143.0605	153.0169	56.7666	5.5527	19.9918	400.0460	2.2117
09:34:54	177.90	5.00	538.22	1081.81	438.34	77.55	1871.70	143.5384	153.5281	56.6535	5.5676	20.0661	402.4892	2.2274
09:34:55	177.78	5.01	524.05	1058.61	416.36	77.55	1874.75	145.4501	155.5729	56.5404	5.5828	20.1414	404.9276	2.2431

09:34:56	153.85	5.01	524.54	1056.17	404.15	77.31	1872.71	143.5384	153.5044	56.4273	5.5977	20.2157	407.3554	2.2588
09:34:57	153.85	4.99	524.05	1043.96	404.15	77.31	1871.19	141.1488	150.9488	56.4273	5.6124	20.2888	409.7833	2.2745
09:34:58	153.72	5.01	524.05	1034.19	416.36	77.31	1871.19	138.1219	147.7346	56.7666	5.6268	20.3584	412.2314	2.2902
09:34:59	153.85	4.99	524.05	1024.42	429.79	77.31	1872.20	137.8033	147.3873	56.4273	5.6392	20.4279	414.6649	2.3059
09:35:00	153.85	4.99	524.54	995.12	433.46	77.31	1872.20	136.2102	145.6384	56.5404	5.6515	20.4966	417.0919	2.3216
09:35:01	153.85	4.98	524.54	978.02	442.00	77.31	1870.68	134.9357	144.3054	56.4273	5.6636	20.5646	419.5216	2.3373
09:35:02	153.85	4.98	524.54	978.02	442.00	77.31	1870.68	133.6612	142.9130	56.5404	5.6757	20.6319	421.9486	2.3530
09:35:03	153.85	4.98	524.54	996.34	459.10	77.31	1870.68	129.8377	138.8249	56.5404	5.6874	20.6974	424.3756	2.3687
09:35:04	153.85	4.98	524.54	1032.97	473.75	77.31	1872.20	127.6074	136.4190	56.3143	5.6989	20.7618	426.7872	2.3843
09:35:05	153.85	4.98	520.63	1046.40	481.07	77.55	1872.20	127.6074	136.4190	56.3143	5.7104	20.8261	429.1988	2.4000
09:35:06	145.91	4.98	520.15	1039.07	462.76	77.31	1872.20	129.9971	138.9737	56.4273	5.7221	20.8917	431.6152	2.4157
09:35:07	145.91	4.97	520.63	1042.73	431.01	77.31	1873.22	134.7764	144.0830	56.6535	5.7342	20.9597	434.0413	2.4314
09:35:08	145.91	4.97	520.15	1041.51	415.14	77.06	1873.22	136.5288	145.9564	56.6535	5.7465	21.0280	436.4675	2.4471
09:35:09	145.91	4.97	520.63	1034.19	402.93	77.06	1871.70	135.5729	144.9025	56.5404	5.7581	21.0958	438.8812	2.4628
09:35:10	145.91	4.97	520.63	1034.19	402.93	77.06	1871.70	136.0507	145.4357	56.6535	5.7697	21.1639	441.3054	2.4786
09:35:11	145.91	4.94	520.15	1014.65	405.37	77.06	1871.19	135.8915	145.2656	56.6535	5.7813	21.2318	443.7296	2.4943
09:35:12	145.91	4.94	520.63	1032.97	420.02	77.06	1874.24	134.9357	144.2438	56.6535	5.7928	21.2994	446.1538	2.5100
09:35:13	145.91	4.94	520.15	1062.27	433.46	77.06	1875.26	134.9357	144.2438	56.6535	5.8043	21.3669	448.5781	2.5258
09:35:14	145.91	4.94	520.15	1118.44	439.56	77.06	1875.26	132.3867	141.4533	56.4273	5.8156	21.4331	450.9756	2.5415
09:35:15	145.91	4.94	514.29	1142.86	459.10	77.06	1877.29	134.7764	144.0066	56.6535	5.8271	21.5005	453.3827	2.5572
09:35:16	138.34	4.94	514.29	1155.07	470.09	77.06	1875.26	138.5998	148.0919	56.7666	5.8390	21.5698	455.7946	2.5730
09:35:17	138.34	4.94	514.29	1136.75	459.10	77.06	1873.73	145.9281	155.9220	56.6535	5.8514	21.6427	458.2017	2.5887
09:35:18	138.34	4.94	514.77	1081.81	449.33	77.06	1873.73	149.1143	159.3264	56.6535	5.8642	21.7164	460.6088	2.6044
09:35:19	138.34	4.93	514.29	1042.73	437.12	76.82	1872.71	150.7074	161.0264	56.7666	5.8764	21.7909	463.0207	2.6202
09:35:20	138.34	4.93	514.29	1040.29	443.22	76.82	1874.75	148.3177	158.4731	56.5404	5.8884	21.8642	465.4230	2.6359
09:35:21	138.34	4.93	514.29	1067.16	470.09	77.06	1874.75	141.1488	150.8133	56.5404	5.8998	21.9340	467.8253	2.6516
09:35:22	138.34	4.94	514.29	1105.01	487.18	77.06	1874.75	136.0507	145.3437	56.7666	5.9108	22.0012	470.2315	2.6674
09:35:23	138.34	4.92	514.29	1123.32	495.73	77.31	1873.22	135.7322	145.0034	56.6535	5.9218	22.0683	472.6329	2.6831
09:35:24	138.46	4.92	514.77	1138.75	512.82	77.31	1873.22	139.2371	148.7476	56.5404	5.9330	22.1371	475.0295	2.6988
09:35:25	138.34	4.92	504.03	1126.98	495.73	77.31	1873.22	144.1757	154.0474	56.7666	5.9447	22.2083	477.4414	2.7146
09:35:26	138.34	4.90	504.03	1117.22	479.85	77.31	1873.22	146.5653	156.5603	56.6535	5.9566	22.2808	479.8389	2.7303
09:35:27	126.50	4.90	504.52	1101.34	439.56	77.55	1873.22	148.3177	158.4322	56.6535	5.9686	22.3541	482.2365	2.7461
09:35:28	126.50	4.90	504.03	1081.81	417.58	77.31	1873.22	147.0432	157.0708	56.5404	5.9805	22.4253	484.6293	2.7618
09:35:29	126.37	4.88	504.03	1032.97	388.28	77.06	1874.24	145.7688	155.6692	56.5404	5.9923	22.4959	487.0126	2.7775
09:35:30	126.50	4.88	504.03	1003.66	368.74	77.31	1874.24	143.6977	153.4542	56.5404	6.0029	22.5655	489.3960	2.7932
09:35:31	126.50	4.87	504.52	970.70	355.31	76.82	1874.24	141.1488	150.7322	56.6535	6.0133	22.6338	491.7840	2.8089
09:35:32	126.37	4.88	504.52	959.71	347.99	76.82	1875.76	134.7764	143.8974	56.5404	6.0233	22.6990	494.1597	2.8246
09:35:33	126.50	4.88	504.03	963.37	316.24	76.58	1874.75	130.9529	139.8152	56.6535	6.0330	22.7624	496.5402	2.8404
09:35:34	126.50	4.88	504.03	963.37	316.24	76.58	1874.75	126.6516	135.2018	56.6535	6.0423	22.8238	498.9150	2.8561
09:35:35	126.37	4.87	496.70	951.16	296.70	76.10	1874.24	125.2178	133.6919	56.5404	6.0516	22.8844	501.2907	2.8718
09:35:36	123.44	4.87	496.21	957.28	299.15	75.85	1874.24	125.6957	134.2022	56.6535	6.0609	22.9453	503.6711	2.8876
09:35:37	123.44	4.87	496.21	1003.66	365.08	75.85	1875.26	125.6957	134.2022	56.6535	6.0702	23.0061	506.0516	2.9033
09:35:38	123.44	4.87	496.21	1053.72	435.90	76.10	1875.26	124.1026	132.4739	56.6535	6.0793	23.0653	508.4244	2.9190
09:35:39	123.44	4.87	496.21	1107.45	527.47	76.10	1874.24	124.8991	133.3234	56.5404	6.0883	23.1248	510.7926	2.9347
09:35:40	123.44	4.86	495.73	1126.98	549.45	76.34	1874.24	130.9529	139.7856	56.5404	6.0978	23.1872	513.1607	2.9504
09:35:41	123.44	4.86	495.73	1126.98	549.45	76.34	1874.24	137.4846	146.7578	56.5404	6.1077	23.2526	515.5288	2.9661
09:35:42	123.44	4.87	496.21	1139.19	542.12	76.34	1872.71	144.4943	154.2403	56.6535	6.1181	23.3215	517.9016	2.9819
09:35:43	123.44	4.87	495.73	1113.55	501.83	76.34	1874.75	147.0432	156.9368	56.6535	6.1287	23.3914	520.2688	2.9976
09:35:44	123.44	4.87	495.73	1120.88	462.30	76.34	1873.73	147.0432	156.9368	56.6535	6.1393	23.4614	522.6359	3.0134
09:35:45	123.44	4.87	498.66	1096.46	449.33	76.34	1872.20	148.6363	158.6617	56.5404	6.1501	23.5322	525.0040	3.0291
09:35:46	123.44	4.85	498.17	1073.26	456.65	76.34	1872.20	145.2908	155.0905	56.6535	6.1606	23.6014	527.3769	3.0448
09:35:47	127.47	4.87	498.17	1064.71	489.62	76.34	1872.20	146.2467	156.1109	56.5404	6.1711	23.6710	529.7450	3.0605
09:35:48	127.47	4.86	498.66	1081.81	505.49	76.34	1873.73	143.0605	152.7098	56.7666	6.1814	23.7394	532.1226	3.0763
09:35:49	127.47	4.86	498.66	1081.81	505.49	76.34	1873.73	140.0336	149.4478	56.6535	6.1915	23.8064	534.4878	3.0920
09:35:50	127.35	4.86	498.66	1147.74	526.25	76.58	1874.75	138.9184	148.2894	56.6535	6.2019	23.8728	536.8607	3.1077
09:35:51	127.47	4.86	498.66	1198.58	493.28	76.58	1874.75	141.1488	150.6469	56.6535	6.2124	23.9404	539.2278	3.1235
09:35:52	127.47	4.86	498.17	1233.21	442.00	76.58	1874.75	141.1488	150.6469	56.6535	6.2229	24.0079	541.5950	3.1392
09:35:53	127.47	4.86	498.66	1155.07	401.71	76.34	1874.75	149.7515	159.8285	56.7666	6.2340	24.0796	543.9668	3.1550
09:35:54	127.47	4.85	498.17	1109.89	394.38	76.58	1876.27	156.1239	166.6297	56.7666	6.2457	24.1543	546.3387	3.1708
09:35:55	127.47	4.86	502.08	1100.12	401.71	76.34	1874.75	160.9032	171.7306	56.6535	6.2577	24.2313	548.7058	3.1865
09:35:56	125.03	4.86	502.08	1057.39	402.93	76.10	1874.75	150.7074	160.8487	56.6535	6.2689	24.3034	551.0730	3.2022
09:35:57	125.03	4.86	502.08	1057.39	402.93	76.10	1874.75	144.8129	154.5336	56.7666	6.2797	24.3727	553.4391	3.2180
09:35:58	125.03	4.87	502.56	1087.16	428.57	76.34	1874.75	143.5384	153.1973	56.6535	6.2904	24.4418	555.8063	3.2337
09:35:59	125.03	4.87	502.08	1088.69	489.62	76.10	1875.26	137.9626	147.2456	56.5404	6.3004	24.5083	558.1687	3.2494
09:36:00	125.03	4.87	502.08	1119.68	578.75	76.58	1875.26	137.9626	147.2456	56.5404	6.3105	24.5748	560.5311	3.2651
09:36:01	125.03	4.87	502.08	1175.82	568.99	76.58	1875.26	139.2371	148.6365	56.6535	6.3207	24.6420	562.9059	3.2809
09:36:02	125.03	4.86	502.56	1169.26	555.56	76.82	1875.26	141.7860	151.3576	56.7666	6.3311	24.7103	565.2854	3.2967

09:36:03	125.15	4.86	502.56	1212.45	488.40	76.82	1875.26	146.0874	155.9493	56.7666	6.3417	24.7807	567.6648	3.3124
09:36:04	125.03	4.86	502.56	1144.08	433.46	76.58	1875.26	153.4156	163.7723	56.6535	6.3529	24.8547	570.0396	3.3282
09:36:05	125.03	4.86	502.56	1072.04	384.62	76.58	1875.26	155.1680	165.6088	56.5404	6.3643	24.9295	572.4020	3.3439
09:36:06	125.03	4.86	502.56	1072.04	384.62	76.58	1875.26	158.1949	168.8394	56.6535	6.3759	25.0059	574.7692	3.3596
09:36:07	124.54	4.88	501.10	986.57	338.22	76.34	1873.22	149.2736	159.3177	56.6535	6.3868	25.0779	577.1363	3.3753
09:36:08	124.54	4.85	500.61	959.71	294.26	75.85	1873.22	139.8743	149.2860	56.6535	6.3970	25.1453	579.5034	3.3911
09:36:09	124.54	4.86	500.61	952.38	301.59	75.85	1874.75	139.8743	149.2860	56.6535	6.4072	25.2128	581.8706	3.4068
09:36:10	124.42	4.86	500.61	981.68	355.31	76.10	1873.73	128.7226	137.4192	56.6535	6.4166	25.2747	584.2472	3.4225
09:36:11	124.54	4.86	500.61	1009.77	443.22	75.85	1874.75	125.2178	133.6293	56.6535	6.4257	25.3349	586.6106	3.4383
09:36:12	124.54	4.83	500.61	1036.63	494.51	76.34	1874.75	124.2619	132.6298	56.5404	6.4347	25.3946	588.9749	3.4540
09:36:13	124.54	4.83	500.61	1036.63	494.51	76.34	1874.75	128.0853	136.7107	56.6535	6.4440	25.4562	591.3439	3.4697
09:36:14	124.42	4.83	500.12	1056.17	522.59	76.34	1876.27	131.7495	140.6216	56.6535	6.4536	25.5195	593.7130	3.4855
09:36:15	124.42	4.84	500.12	1056.17	522.59	76.34	1876.27	135.2543	144.3028	56.5404	6.4635	25.5844	596.0621	3.5012
09:36:16	122.95	4.84	498.17	1063.49	484.74	76.58	1874.75	135.2543	144.3028	56.5404	6.4733	25.6494	598.4112	3.5169
09:36:17	122.95	4.83	498.17	1067.16	445.67	76.34	1874.75	137.8033	147.0223	56.7666	6.4833	25.7155	600.7698	3.5326
09:36:18	122.95	4.83	498.17	1067.16	445.67	76.34	1874.75	137.8033	147.0450	56.7666	6.4933	25.7817	603.1340	3.5484
09:36:19	122.95	4.83	498.66	1025.64	395.60	76.10	1877.29	138.7591	148.0646	56.5404	6.5033	25.8480	605.4888	3.5641
09:36:20	122.95	4.83	498.66	1025.64	395.60	76.10	1877.29	139.2371	148.5516	56.7666	6.5133	25.9146	607.8473	3.5799
09:36:21	122.95	4.82	498.66	1025.64	380.95	75.85	1875.26	139.2371	148.5516	56.7666	6.5233	25.9811	610.2059	3.5957
09:36:22	122.95	4.82	498.66	1025.64	380.95	75.85	1875.26	133.8204	142.7726	56.6535	6.5329	26.0451	612.5597	3.6114
09:36:23	122.95	4.81	498.66	1052.50	376.07	75.61	1877.29	133.8204	142.7726	56.6535	6.5425	26.1092	614.9135	3.6271
09:36:24	122.95	4.81	498.66	1072.04	415.14	75.61	1877.29	133.8204	142.7504	56.7666	6.5521	26.1732	617.2663	3.6429
09:36:25	122.95	4.81	498.66	1112.33	445.67	75.85	1877.29	133.8204	142.7504	56.7666	6.5617	26.2372	619.6191	3.6587
09:36:26	122.95	4.79	491.82	1146.52	477.41	75.85	1877.29	137.3253	146.4666	56.6535	6.5716	26.3029	621.9615	3.6744
09:36:27	122.10	4.79	491.82	1157.51	488.40	75.85	1873.22	139.8743	149.1852	56.7666	6.5816	26.3698	624.3086	3.6902
09:36:28	122.47	4.79	492.31	1065.93	460.32	76.10	1869.66	145.1315	154.7924	56.7666	6.5921	26.4392	626.6557	3.7059
09:36:29	122.47	4.79	491.82	1068.38	456.65	76.10	1869.66	149.5922	159.5088	56.7666	6.6028	26.5098	628.9932	3.7217
09:36:30	122.47	4.78	491.82	1061.05	423.69	76.10	1868.14	151.0260	161.0374	56.5404	6.6136	26.5810	631.3215	3.7374
09:36:31	122.47	4.79	491.82	976.80	372.41	75.85	1868.14	139.0777	148.3049	56.6535	6.6235	26.6466	633.6563	3.7532
09:36:32	122.47	4.77	491.82	980.46	384.62	75.85	1868.14	139.3964	148.6446	56.6535	6.6335	26.7124	635.9910	3.7689
09:36:33	122.47	4.77	491.82	1001.22	422.47	75.85	1865.59	138.4405	147.5949	56.4273	6.6434	26.7777	638.3089	3.7846
09:36:34	122.47	4.76	492.31	1000.00	426.13	76.10	1865.59	127.4481	135.8966	56.3143	6.6525	26.8378	640.6279	3.8002
09:36:35	122.34	4.78	485.96	1028.08	435.90	75.85	1865.59	127.9260	136.3781	56.4273	6.6616	26.8981	642.9439	3.8159
09:36:36	119.41	4.76	486.45	1037.85	472.53	76.10	1864.58	130.6343	139.2653	56.4273	6.6710	26.9597	645.2599	3.8316
09:36:37	119.41	4.77	486.45	1043.96	472.53	76.10	1864.58	130.4750	139.0739	56.4273	6.6803	27.0213	647.5702	3.8472
09:36:38	119.41	4.77	485.96	1058.61	561.66	76.34	1864.58	134.1390	143.0089	56.4273	6.6899	27.0838	649.8881	3.8629
09:36:39	119.41	4.77	485.96	1052.50	551.89	76.34	1864.58	135.4136	144.3372	56.4273	6.6993	27.1469	652.1984	3.8786
09:36:40	119.41	4.77	486.45	1030.52	504.27	76.34	1863.56	136.2102	145.2087	56.4273	6.7088	27.2105	654.5144	3.8943
09:36:41	119.41	4.77	485.96	978.02	440.78	76.10	1864.58	138.1219	147.2467	56.3143	6.7184	27.2748	656.8257	3.9099
09:36:42	119.41	4.77	485.96	982.91	438.34	76.10	1864.58	137.3253	146.3976	56.3143	6.7280	27.3388	659.1371	3.9255
09:36:43	119.41	4.77	486.45	1003.66	456.65	76.10	1864.58	134.4576	143.3404	56.3143	6.7374	27.4015	661.4484	3.9412
09:36:44	119.41	4.77	486.45	1057.39	522.59	76.34	1863.05	127.6074	136.0376	56.3143	6.7463	27.4609	663.7598	3.9568
09:36:45	119.41	4.77	486.45	1057.39	522.59	76.34	1863.05	128.2446	136.7170	56.3143	6.7552	27.5207	666.0711	3.9725
09:36:46	119.41	4.76	487.91	1070.82	560.44	76.82	1864.07	130.9529	139.6042	56.3143	6.7643	27.5818	668.3825	3.9881
09:36:47	122.34	4.76	487.91	1078.14	583.64	76.82	1863.05	137.9626	147.0769	56.2012	6.7739	27.6461	670.6892	4.0037
09:36:48	122.47	4.77	488.40	1096.46	561.66	76.82	1862.04	137.9626	147.0769	56.2012	6.7836	27.7105	672.9959	4.0193
09:36:49	122.47	4.77	488.40	1096.46	561.66	76.82	1862.04	139.7150	148.9143	56.2012	6.7933	27.7758	675.2951	4.0349
09:36:50	122.47	4.76	487.91	1114.77	505.49	77.06	1862.04	140.6708	149.9339	56.0881	6.8033	27.8416	677.5896	4.0505
09:36:51	122.47	4.77	487.91	1109.89	442.00	76.82	1862.04	143.0605	152.5046	56.2012	6.8136	27.9086	679.8945	4.0661
09:36:52	122.47	4.76	488.40	1112.33	451.77	77.06	1862.04	143.0605	152.5046	56.2012	6.8238	27.9756	682.1993	4.0817
09:36:53	122.47	4.76	487.91	1112.33	451.77	77.06	1862.04	145.4501	155.0280	56.3143	6.8342	28.0436	684.5031	4.0974
09:36:54	122.34	4.74	487.91	1075.70	402.93	77.06	1861.02	144.8129	154.3727	56.2012	6.8445	28.1113	686.8079	4.1130
09:36:55	122.34	4.74	487.91	1075.70	402.93	77.06	1861.02	145.1315	154.6884	56.3143	6.8549	28.1793	689.1117	4.1286
09:36:56	122.47	4.72	489.87	848.60	344.32	76.82	1599.15	145.1315	154.6884	56.3143	6.8653	28.2471	691.4155	4.1443
09:36:57	122.47	4.72	489.87	848.60	344.32	76.82	1599.15	140.3522	149.5711	56.0881	6.8753	28.3128	693.7044	4.1599
09:36:58	114.65	4.72	489.87	605.62	295.48	76.82	1564.07	140.3522	149.5711	56.0881	6.8853	28.3784	695.9933	4.1754
09:36:59	114.77	4.70	489.87	504.27	275.95	76.58	1475.59	110.7205	117.9505	48.0594	6.8932	28.4304	697.9432	4.1888
09:37:00	114.77	4.68	489.87	334.55	235.65	76.82	1331.70	110.7205	117.9505	48.0594	6.9011	28.4823	699.8931	4.2021
09:37:01	114.77	4.68	489.87	334.55	235.65	76.82	1331.70	79.0178	84.1764	47.2678	6.9064	28.5194	701.8110	4.2153
09:37:02	114.65	4.68	489.87	296.70	213.68	76.82	1267.63	65.7951	70.0760	44.5539	6.9108	28.5503	703.6127	4.2277
09:37:03	114.77	4.68	489.87	250.31	173.38	76.82	1165.42	43.6510	46.4767	40.0306	6.9137	28.5708	705.2234	4.2388
09:37:04	114.65	4.68	489.87	227.11	150.18	76.58	1112.03	43.6510	46.4767	40.0306	6.9167	28.5912	706.8342	4.2499
09:37:05	114.65	4.65	489.38	197.80	125.76	76.58	1029.66	38.7124	41.2184	38.2213	6.9193	28.6094	708.3721	4.2605
09:37:06	114.65	4.65	489.38	197.80	125.76	76.82	1029.66	32.6586	34.7727	35.0551	6.9214	28.6247	709.7827	4.2702
09:37:07	124.42	4.65	474.24	174.60	105.01	76.82	921.36	29.6317	31.5498	33.5850	6.9234	28.6386	711.1340	4.2796
09:37:08	124.54	4.64	474.73	131.87	85.47	76.58	754.58	25.8082	27.4704	30.9842	6.9251	28.6507	712.3745	4.2882
09:37:09	124.54	4.64	474.73	131.87	85.47	76.58	754.58	25.8082	27.4704	30.9842	6.9269	28.6628	713.6150	4.2968

09:37:10	124.54	4.62	473.75	120.88	79.37	76.58	709.32	22.7813	24.2490	27.8179	6.9285	28.6731	714.7288	4.3045
09:37:11	124.42	4.63	474.24	109.89	75.70	76.58	746.95	17.2055	18.3111	22.6162	6.9298	28.6810	715.6319	4.3108
09:37:12	124.54	4.62	474.24	109.89	75.70	76.58	776.95	17.2055	18.3111	22.6162	6.9310	28.6888	716.5351	4.3171
09:37:13	124.54	4.63	474.73	106.23	75.70	76.58	692.54	15.7717	16.7808	21.3723	6.9322	28.6959	717.3851	4.3230
09:37:14	124.54	4.63	474.73	106.23	75.70	76.58	692.54	14.3379	15.2577	18.6583	6.9332	28.7024	718.1289	4.3282
09:37:15	124.42	4.61	473.75	98.90	63.49	76.34	738.81	14.3379	15.2545	16.9621	6.9342	28.7089	718.8029	4.3329
09:37:16	126.01	4.61	457.63	90.35	51.28	76.10	708.31	13.8600	14.7483	15.1528	6.9352	28.7152	719.4065	4.3371
09:37:17	126.01	4.61	457.63	90.35	51.28	76.10	708.31	13.8600	14.7483	15.1528	6.9363	28.7215	720.0101	4.3413
09:37:18	126.01	4.61	457.63	87.91	47.62	76.10	702.71	12.9041	13.7276	11.3081	6.9372	28.7274	720.4587	4.3445
09:37:19	126.01	4.59	457.63	87.91	47.62	76.10	707.80	11.7889	12.5413	7.9157	6.9381	28.7325	720.7727	4.3467
09:37:20	126.01	4.57	457.63	87.91	47.62	75.85	698.64	11.7889	12.5413	7.9157	6.9389	28.7377	721.0867	4.3489
09:37:21	126.01	4.51	457.63	90.35	50.06	75.85	686.44	11.4703	12.2024	6.4456	6.9398	28.7427	721.3423	4.3507
09:37:22	126.01	4.51	457.63	90.35	50.06	76.10	686.44	11.4703	12.1986	3.9578	6.9406	28.7477	721.4985	4.3518
09:37:23	126.01	4.26	457.63	97.68	62.27	76.10	685.42	11.4703	12.1954	3.0532	6.9414	28.7528	721.6185	4.3526
09:37:24	126.01	4.26	457.63	102.56	67.16	76.10	685.42	11.7889	12.5245	1.5831	6.9423	28.7579	721.6799	4.3530
09:37:25	126.01	4.17	457.63	101.34	67.16	76.10	683.39	11.7889	12.5245	1.5831	6.9432	28.7631	721.7413	4.3535
09:37:26	126.01	4.01	324.30	98.90	64.71	76.10	686.95	12.7448	13.4952	0.2262	6.9441	28.7686	721.7496	4.3536
09:37:27	104.15	3.90	323.81	98.90	64.71	76.34	684.92	13.3820	14.1700	0.1131	6.9451	28.7745	721.7538	4.3536
09:37:28	104.15	3.74	324.30	98.90	64.71	76.10	685.93	13.2227	13.9839	0.1131	6.9460	28.7802	721.7578	4.3536
09:37:29	104.15	3.64	324.30	100.12	64.71	76.10	685.93	12.9041	13.6187	0.1131	6.9470	28.7842	721.7617	4.3536
09:37:30	104.15	3.64	324.30	100.12	64.71	76.10	685.93	12.9041	13.5984	0.1131	6.9478	28.7881	721.7655	4.3537
09:37:31	104.15	3.29	324.30	102.56	59.83	76.10	686.95	12.9041	13.5695	0.1131	6.9485	28.7921	721.7692	4.3537
09:37:32	104.15	3.29	324.30	102.56	59.83	76.10	686.95	13.0634	13.7193	0.1131	6.9493	28.7961	721.7727	4.3537
09:37:33	104.15	3.15	324.30	101.34	56.17	76.10	686.95	13.0634	13.7193	0.1131	6.9501	28.8001	721.7762	4.3538
09:37:34	104.15	2.97	323.81	100.12	53.72	75.85	685.93	13.3820	13.9876	0.1131	6.9509	28.8042	721.7794	4.3538
09:37:35	104.15	2.83	324.30	96.46	53.72	75.85	685.93	13.3820	13.9876	0.1131	6.9517	28.8083	721.7826	4.3538
09:37:36	104.15	2.66	323.81	95.24	53.72	75.85	687.46	13.2227	13.7960	0.1131	6.9525	28.8123	721.7857	4.3539
09:37:37	104.03	2.51	190.96	95.24	56.17	75.85	683.90	13.0634	13.5972	0.1131	6.9533	28.8163	721.7886	4.3539
09:37:38	98.66	2.39	190.96	96.46	56.17	75.85	684.92	12.5855	13.0759	0.1131	6.9540	28.8201	721.7914	4.3539
09:37:39	98.66	2.11	191.45	98.90	56.17	75.85	689.49	12.4262	12.8795	0.1131	6.9547	28.8238	721.7939	4.3540
09:37:40	98.66	2.11	191.45	98.90	56.17	75.85	689.49	12.4262	12.8540	0.1131	6.9555	28.8260	721.7964	4.3540
09:37:41	98.66	1.96	190.96	108.67	56.17	75.85	684.92	12.5855	12.9976	0.1131	6.9562	28.8283	721.7987	4.3540

12-MAY-93 09:47 LACMTA Emissions Testing Facility

Test : RTD MODIFIED COMMUTER PHASE OF ADB CYCLE
Test number : 1076
Test options: Dilute Modal Bag Diesel Auxiliary data Second by Second Data Particulate sampling Smoke meter

TEST TIME (s)	--DILUTE CONCENTRATIONS-- HC (ppm)	CO (ppm)	NOx (ppm)	CO2 (%)	--------MODAL GRAMS-------- HC	CO	NOx	CO2	EXH VOL (Cu.f)	DIL. RATIO	A/F RATIO	DRIV. VIOL. (s)	DIST-ANCE (Mi)	SPEED	FUEL Mpg-US Gal/Hr	SMOKE MTR (%)	----AUXILIARY SIGNALS---- OIL			
0 DL	3.4	3.6	15.4	0.14	0.003	0.006	0.04	3.49	48.26	72.73	23.42	0.0	0.000	0.0	1.24	2.88	196.2	0.0	0.0	0.0
1 DL	3.4	3.6	15.3	0.14	0.003	0.006	0.04	3.49	48.26	72.73	23.42	0.0	0.000	0.0	1.24	2.93	196.2	0.0	0.0	0.0
2 DL	3.4	3.7	15.5	0.14	0.003	0.006	0.04	3.49	48.26	72.72	23.42	0.0	0.000	0.0	1.24	2.98	196.2	0.0	0.0	0.0
3 DL	3.4	3.7	15.4	0.14	0.003	0.006	0.04	3.50	48.26	72.63	23.41	0.0	0.000	0.0	1.24	2.98	196.2	0.0	0.0	0.0
4 DL	3.5	3.7	15.2	0.14	0.003	0.006	0.04	3.50	48.26	72.57	23.41	0.0	0.000	0.0	1.24	3.03	196.1	0.0	0.0	0.0
5 DL	3.5	3.7	15.3	0.14	0.003	0.006	0.04	3.50	48.26	72.56	23.40	0.0	0.000	0.0	1.24	2.88	196.0	0.0	0.0	0.0
6 DL	3.5	3.7	15.3	0.14	0.003	0.006	0.04	3.50	48.26	72.63	23.41	0.0	0.000	0.0	1.24	2.89	195.8	0.0	0.0	0.0
7 DL	3.5	3.7	15.3	0.14	0.003	0.006	0.04	3.49	48.27	72.72	23.42	0.0	0.000	0.0	1.24	2.89	195.7	0.0	0.0	0.0
8 DL	3.5	3.6	15.4	0.14	0.003	0.006	0.04	3.49	48.26	72.72	23.42	0.0	0.000	0.0	1.24	2.94	195.7	0.0	0.0	0.0
9 DL	3.5	3.6	15.6	0.14	0.003	0.006	0.04	3.49	48.26	72.72	23.42	0.0	0.000	0.0	1.24	2.85	195.8	0.0	0.0	0.0
10 DL	3.5	3.7	15.7	0.14	0.003	0.006	0.04	3.50	48.26	72.56	23.40	0.0	0.000	0.0	1.24	2.89	195.8	0.0	0.0	0.0
11 DL	3.6	3.7	15.5	0.14	0.003	0.006	0.04	3.51	48.25	72.47	23.39	0.0	0.000	0.0	1.25	2.92	195.9	0.0	0.0	0.0
12 DL	3.6	3.6	15.4	0.14	0.003	0.006	0.04	3.50	48.26	72.59	23.41	0.0	0.000	0.0	1.24	2.99	196.0	0.0	0.0	0.0
13 DL	3.6	3.6	15.4	0.14	0.003	0.006	0.04	3.49	48.25	72.72	23.42	0.0	0.000	0.0	1.24	2.88	196.0	0.0	0.0	0.0
14 DL	3.6	3.5	15.2	0.14	0.003	0.006	0.04	3.48	48.26	72.88	23.44	0.0	0.000	0.0	1.24	2.92	196.0	0.0	0.0	0.0
15 DL	3.6	3.5	15.4	0.14	0.003	0.006	0.04	3.47	48.26	72.98	23.45	0.0	0.000	0.0	1.23	2.83	196.0	0.0	0.0	0.0
16 DL	3.6	3.6	15.3	0.14	0.003	0.006	0.04	3.47	48.25	72.98	23.45	0.0	0.000	0.0	1.23	2.91	196.0	0.0	0.0	0.0
17 DL	3.6	3.6	15.3	0.14	0.003	0.006	0.04	3.48	48.26	72.88	23.44	0.0	0.000	0.0	1.24	2.89	195.9	0.0	0.0	0.0
18 DL	3.6	3.7	15.3	0.14	0.003	0.006	0.04	3.48	48.25	72.94	23.44	0.0	0.000	0.0	1.24	2.93	195.8	0.0	0.0	0.0
19 DL	3.6	3.7	15.6	0.14	0.003	0.006	0.04	3.48	48.25	72.84	23.43	0.0	0.000	0.0	1.24	2.87	195.7	0.0	0.0	0.0
20 DL	3.6	4.0	16.4	0.14	0.003	0.006	0.04	3.50	48.26	72.55	23.40	0.0	0.000	0.0	1.24	2.91	195.7	0.0	0.0	0.0
21 DL	3.8	5.8	19.5	0.14	0.003	0.009	0.05	3.61	48.26	70.76	23.22	0.0	0.000	1.3	0.87	3.01	195.7	0.0	0.0	0.0
22 DL	4.2	10.0	21.6	0.15	0.003	0.016	0.06	3.87	48.25	66.97	22.84	0.0	0.001	4.0	2.88	3.56	195.6	0.0	0.0	0.0
23 DL	4.5	13.6	24.1	0.17	0.004	0.022	0.06	4.25	48.25	62.16	22.38	0.0	0.001	2.9	1.96	8.70	195.7	0.0	0.0	0.0
24 DL	4.8	17.6	26.8	0.19	0.004	0.028	0.07	4.68	48.26	57.49	21.95	0.0	0.001	3.7	2.15	8.02	195.7	0.0	0.0	0.0
25 DL	5.5	28.3	36.9	0.21	0.004	0.045	0.10	5.25	48.25	52.23	21.48	0.0	0.001	5.4	2.83	5.71	195.7	0.0	0.0	0.0
26 DL	6.6	51.1	49.9	0.26	0.005	0.081	0.13	6.42	48.25	43.95	20.78	0.0	0.002	6.6	2.81	11.62	195.8	0.0	0.0	0.0
27 DL	8.0	89.2	64.3	0.33	0.006	0.142	0.17	8.26	48.26	35.14	20.09	0.0	0.002	7.9	2.59	13.46	195.8	0.0	0.0	0.0
28 DL	9.5	131.0	90.6	0.44	0.007	0.208	0.24	10.94	48.25	27.27	19.51	0.0	0.003	9.4	2.34	16.01	195.8	0.0	0.0	0.0
29 DL	11.5	151.0	137.3	0.59	0.009	0.240	0.36	14.74	48.25	20.80	19.07	0.0	0.003	11.4	2.11	19.13	195.8	0.0	0.0	0.0
30 DL	13.1	144.9	180.7	0.77	0.010	0.230	0.47	19.24	48.24	16.26	18.78	0.0	0.004	13.0	1.85	21.53	195.8	0.0	0.0	0.0
31 DL	14.4	131.8	206.6	0.94	0.011	0.209	0.54	23.41	48.21	13.52	18.61	0.0	0.004	15.2	1.80	17.69	196.0	0.0	0.0	0.0
32 DL	15.5	120.1	225.1	1.07	0.012	0.191	0.59	26.67	48.20	11.95	18.52	0.0	0.005	16.5	1.71	12.66	196.2	0.0	0.0	0.0
33 DL	16.6	109.7	235.2	1.18	0.013	0.174	0.61	29.37	48.19	10.91	18.45	0.0	0.005	17.9	1.70	10.48	196.4	0.0	0.0	0.0
34 DL	17.5	101.0	237.8	1.27	0.014	0.160	0.62	31.76	48.18	10.12	18.40	0.0	0.005	19.1	1.68	8.88	196.5	0.0	0.0	0.0
35 DL	18.3	95.6	234.3	1.35	0.014	0.152	0.61	33.59	48.16	9.59	18.37	0.0	0.006	20.3	1.69	7.66	196.5	0.0	0.0	0.0
36 DL	18.7	97.9	239.2	1.38	0.015	0.155	0.62	34.46	48.14	9.35	18.36	0.0	0.006	22.1	1.79	6.82	196.7	0.0	0.0	0.0
37 DL	18.8	105.5	252.0	1.39	0.015	0.167	0.66	34.79	48.13	9.26	18.35	0.0	0.006	23.2	1.86	6.13	196.8	0.0	0.0	0.0
38 DL	18.9	110.6	259.4	1.41	0.015	0.176	0.68	35.22	48.12	9.15	18.34	0.0	0.007	24.3	1.93	5.69	197.0	0.0	0.0	0.0
39 DL	19.1	110.4	262.9	1.44	0.015	0.175	0.69	35.91	48.12	8.98	18.33	0.0	0.007	25.4	1.98	5.29	197.2	0.0	0.0	0.0
40 DL	19.4	105.8	263.8	1.47	0.015	0.168	0.69	36.75	48.11	8.78	18.32	0.0	0.007	26.5	2.02	5.31	197.4	0.0	0.0	0.0
41 DL	20.0	98.8	260.6	1.51	0.016	0.157	0.68	37.51	48.09	8.61	18.31	0.0	0.008	27.5	2.06	5.87	197.5	0.0	0.0	0.0
42 DL	20.6	93.7	251.8	1.53	0.016	0.149	0.66	38.06	48.09	8.49	18.31	0.0	0.008	28.5	2.10	6.27	197.6	0.0	0.0	0.0
43 DL	20.8	102.3	243.9	1.53	0.016	0.162	0.63	38.05	48.07	8.49	18.30	0.0	0.008	29.5	2.17	6.04	197.8	0.0	0.0	0.0
44 DL	20.6	127.6	242.5	1.50	0.016	0.202	0.63	37.27	48.06	8.64	18.31	0.0	0.008	30.3	2.28	5.30	197.9	0.0	0.0	0.0
45 DL	20.0	155.6	243.2	1.47	0.016	0.247	0.63	36.60	48.06	8.78	18.32	0.0	0.009	31.1	2.37	5.29	198.1	0.0	0.0	0.0

46	DL	19.5	173.0	250.2	1.46	0.015	0.274	0.65	36.45	48.06	8.80	18.32	0.0	0.009	32.0	2.45	5.35	198.3	0.0	0.0	0.0
47	DL	19.1	179.4	259.1	1.47	0.015	0.284	0.67	36.59	48.08	8.77	18.31	0.0	0.009	32.8	2.50	4.99	198.4	0.0	0.0	0.0
48	DL	19.0	178.0	266.3	1.48	0.015	0.282	0.69	36.81	48.08	8.72	18.31	0.0	0.009	33.7	2.55	4.79	198.6	0.0	0.0	0.0
49	DL	19.2	170.9	272.6	1.49	0.015	0.271	0.71	37.12	48.09	8.66	18.31	0.0	0.010	34.5	2.59	4.84	198.7	0.0	0.0	0.0
50	DL	19.5	161.2	277.3	1.50	0.015	0.255	0.72	37.37	48.08	8.60	18.31	0.0	0.010	35.2	2.63	4.80	198.9	0.0	0.0	0.0
51	DL	19.9	150.7	278.1	1.51	0.016	0.239	0.72	37.63	48.08	8.55	18.30	0.0	0.010	36.0	2.67	4.69	199.0	0.0	0.0	0.0
52	DL	20.3	140.5	279.2	1.52	0.016	0.223	0.73	37.92	48.09	8.50	18.30	0.0	0.010	36.8	2.71	4.68	199.2	0.0	0.0	0.0
53	DL	20.8	130.5	280.1	1.53	0.016	0.207	0.73	38.20	48.09	8.44	18.30	0.0	0.010	37.5	2.75	4.70	199.4	0.0	0.0	0.0
54	DL	21.5	119.8	280.2	1.54	0.017	0.190	0.73	38.44	48.08	8.39	18.30	0.0	0.011	38.2	2.78	4.75	199.5	0.0	0.0	0.0
55	DL	22.3	110.4	280.9	1.55	0.017	0.175	0.73	38.69	48.09	8.35	18.30	0.0	0.011	38.9	2.82	4.88	199.6	0.0	0.0	0.0
56	DL	23.0	102.3	281.9	1.56	0.018	0.162	0.73	38.92	48.08	8.30	18.29	0.0	0.011	39.6	2.85	5.02	199.8	0.0	0.0	0.0
57	DL	23.6	94.2	280.9	1.57	0.019	0.149	0.73	39.15	48.07	8.26	18.29	0.0	0.011	40.3	2.88	5.40	200.0	0.0	0.0	0.0
58	DL	24.2	88.2	275.4	1.58	0.019	0.140	0.72	39.38	48.08	8.22	18.29	0.0	0.011	40.9	2.91	5.72	200.2	0.0	0.0	0.0
59	DL	24.4	93.5	261.6	1.58	0.019	0.148	0.68	39.25	48.07	8.24	18.29	0.0	0.012	41.5	2.96	5.68	200.4	0.0	0.0	0.0
60	DL	24.0	115.6	257.8	1.54	0.019	0.183	0.67	38.35	48.05	8.41	18.30	0.0	0.012	42.0	3.07	5.15	200.6	0.0	0.0	0.0
61	DL	23.1	142.7	256.4	1.50	0.018	0.226	0.67	37.43	48.06	8.60	18.31	0.0	0.012	42.5	3.18	5.06	200.8	0.0	0.0	0.0
62	DL	22.3	163.7	259.6	1.48	0.018	0.259	0.68	36.98	48.08	8.69	18.31	0.0	0.012	43.1	3.25	5.27	200.8	0.0	0.0	0.0
63	DL	21.7	176.6	262.9	1.48	0.017	0.280	0.68	36.87	48.08	8.71	18.31	0.0	0.012	43.6	3.30	5.28	200.8	0.0	0.0	0.0
64	DL	21.3	181.2	265.8	1.48	0.017	0.287	0.69	36.90	48.08	8.70	18.31	0.0	0.012	44.2	3.34	5.28	200.8	0.0	0.0	0.0
65	DL	21.0	179.4	272.2	1.48	0.016	0.284	0.71	36.96	48.07	8.68	18.31	0.0	0.012	44.8	3.38	5.08	200.9	0.0	0.0	0.0
66	DL	20.8	174.0	277.9	1.49	0.016	0.276	0.72	37.06	48.08	8.66	18.31	0.0	0.013	45.3	3.41	4.68	200.9	0.0	0.0	0.0
67	DL	20.7	167.3	282.5	1.49	0.016	0.265	0.74	37.17	48.07	8.64	18.31	0.0	0.013	45.8	3.44	4.45	200.9	0.0	0.0	0.0
68	DL	20.8	159.8	285.0	1.50	0.016	0.253	0.74	37.32	48.07	8.61	18.31	0.0	0.013	46.4	3.47	4.18	200.9	0.0	0.0	0.0
69	DL	20.9	151.9	285.2	1.50	0.016	0.241	0.74	37.43	48.06	8.59	18.31	0.0	0.013	46.9	3.50	4.04	201.0	0.0	0.0	0.0
70	DL	21.1	144.8	285.1	1.51	0.017	0.229	0.74	37.49	48.06	8.58	18.31	0.0	0.013	47.4	3.53	4.40	201.0	0.0	0.0	0.0
71	DL	21.3	138.7	287.5	1.51	0.017	0.220	0.75	37.55	48.05	8.57	18.31	0.0	0.013	47.9	3.57	4.34	201.1	0.0	0.0	0.0
72	DL	21.5	132.2	290.2	1.51	0.017	0.209	0.76	37.64	48.06	8.56	18.31	0.0	0.013	48.4	3.60	4.32	201.1	0.0	0.0	0.0
73	DL	21.8	124.4	287.6	1.52	0.017	0.197	0.75	37.73	48.06	8.54	18.31	0.0	0.014	48.9	3.63	4.19	201.2	0.0	0.0	0.0
74	DL	22.0	114.4	274.0	1.51	0.017	0.181	0.71	37.70	48.04	8.55	18.31	0.0	0.014	49.3	3.66	4.33	201.4	0.0	0.0	0.0
75	DL	22.0	101.9	240.9	1.50	0.017	0.161	0.63	37.22	48.04	8.66	18.31	0.0	0.014	49.6	3.74	4.28	201.5	0.0	0.0	0.0
76	DL	22.0	90.4	201.4	1.44	0.017	0.143	0.52	35.90	48.04	8.98	18.34	0.0	0.014	49.6	3.88	3.73	201.6	0.0	0.0	0.0
77	DL	22.0	81.2	171.8	1.37	0.017	0.129	0.45	34.05	48.03	9.45	18.37	0.0	0.014	49.8	4.11	3.49	201.8	0.0	0.0	0.0
78	DL	21.9	74.1	146.7	1.29	0.017	0.117	0.38	32.17	48.04	9.99	18.40	0.0	0.014	49.8	4.35	3.47	202.0	0.0	0.0	0.0
79	DL	22.0	73.0	136.6	1.22	0.017	0.116	0.36	30.32	48.04	10.57	18.44	0.0	0.014	49.9	4.62	3.72	202.2	0.0	0.0	0.0
80	DL	22.4	78.5	151.7	1.16	0.018	0.124	0.39	28.98	48.04	11.03	18.46	0.0	0.014	50.2	4.85	4.14	202.4	0.0	0.0	0.0
81	DL	22.5	79.1	174.1	1.16	0.018	0.125	0.45	28.86	48.06	11.08	18.47	0.0	0.014	50.8	4.93	4.50	202.6	0.0	0.0	0.0
82	DL	22.3	72.4	159.4	1.17	0.017	0.115	0.41	29.07	48.05	11.00	18.46	0.0	0.014	50.9	4.91	4.19	202.9	0.0	0.0	0.0
83	DL	22.2	66.5	139.1	1.14	0.017	0.105	0.36	28.45	48.04	11.24	18.48	0.0	0.014	50.8	5.01	3.65	203.1	0.0	0.0	0.0
84	DL	22.4	62.6	134.0	1.11	0.018	0.099	0.35	27.62	48.04	11.57	18.50	0.0	0.014	51.1	5.19	3.91	203.3	0.0	0.0	0.0
85	DL	22.5	58.2	130.3	1.09	0.018	0.092	0.34	27.02	48.05	11.82	18.51	0.0	0.014	51.2	5.32	4.07	203.5	0.0	0.0	0.0
86	DL	22.6	53.0	119.9	1.06	0.018	0.084	0.31	26.38	48.05	12.10	18.53	0.0	0.014	51.3	5.47	4.07	203.8	0.0	0.0	0.0
87	DL	22.5	48.1	103.2	1.02	0.018	0.076	0.27	25.43	48.06	12.53	18.56	0.0	0.014	51.1	5.65	3.88	204.0	0.0	0.0	0.0
88	DL	22.7	46.2	99.4	0.97	0.018	0.073	0.26	24.19	48.06	13.15	18.60	0.0	0.014	51.2	5.94	3.40	204.3	0.0	0.0	0.0
89	DL	23.2	47.1	106.7	0.94	0.018	0.075	0.28	23.35	48.07	13.60	18.63	0.0	0.014	51.4	6.18	3.89	204.5	0.0	0.0	0.0
90	DL	23.5	46.9	114.6	0.93	0.018	0.074	0.30	23.20	48.08	13.68	18.63	0.0	0.014	51.6	6.24	4.36	204.7	0.0	0.0	0.0
91	DL	23.4	43.3	108.0	0.93	0.018	0.069	0.28	23.26	48.08	13.65	18.63	0.0	0.014	51.7	6.25	4.42	204.9	0.0	0.0	0.0
92	DL	23.2	39.8	93.2	0.91	0.018	0.063	0.24	22.69	48.08	13.98	18.65	0.0	0.014	51.4	6.37	3.78	205.1	0.0	0.0	0.0
93	DL	23.4	40.2	94.0	0.87	0.018	0.064	0.24	21.76	48.08	14.55	18.69	0.0	0.014	51.6	6.65	3.34	205.2	0.0	0.0	0.0
94	DL	23.9	42.3	105.5	0.86	0.019	0.067	0.27	21.49	48.09	14.72	18.70	0.0	0.014	51.8	6.77	4.08	205.4	0.0	0.0	0.0
95	DL	24.1	43.0	113.1	0.88	0.019	0.068	0.29	21.85	48.09	14.49	18.69	0.0	0.014	52.0	6.68	4.61	205.7	0.0	0.0	0.0
96	DL	24.1	42.2	115.5	0.90	0.019	0.067	0.30	22.30	48.09	14.21	18.67	0.0	0.014	52.1	6.55	4.45	205.8	0.0	0.0	0.0
97	DL	24.0	40.4	114.3	0.91	0.019	0.064	0.30	22.63	48.09	14.02	18.66	0.0	0.015	52.2	6.48	4.42	206.0	0.0	0.0	0.0
98	DL	23.8	38.7	109.9	0.91	0.019	0.061	0.29	22.66	48.09	14.00	18.66	0.0	0.014	52.2	6.47	4.27	206.2	0.0	0.0	0.0
99	DL	23.8	37.6	108.6	0.91	0.019	0.060	0.28	22.56	48.09	14.07	18.66	0.0	0.015	52.4	6.52	4.22	206.4	0.0	0.0	0.0
100	DL	23.8	37.2	107.3	0.90	0.019	0.059	0.28	22.48	48.09	14.11	18.66	0.0	0.015	52.4	6.55	4.28	206.6	0.0	0.0	0.0
101	DL	23.9	38.0	109.4	0.90	0.019	0.060	0.28	22.44	48.08	14.13	18.66	0.0	0.015	52.5	6.57	4.35	206.8	0.0	0.0	0.0
102	DL	24.1	38.9	114.6	0.91	0.019	0.062	0.30	22.59	48.09	14.04	18.66	0.0	0.015	52.7	6.55	4.68	206.8	0.0	0.0	0.0
103	DL	24.1	39.2	118.2	0.92	0.019	0.062	0.31	22.92	48.09	13.85	18.65	0.0	0.015	52.8	6.48	4.81	206.9	0.0	0.0	0.0
104	DL	24.1	38.9	119.1	0.93	0.019	0.062	0.31	23.27	48.09	13.65	18.63	0.0	0.015	53.0	6.40	4.82	207.0	0.0	0.0	0.0

105	DL	24.1	38.3	117.3	0.95	0.019	0.061	0.31	23.55	48.08	13.50	18.62	0.0	0.015	53.1	6.34	5.12	207.1	0.0	0.0	0.0
106	DL	24.1	36.9	114.8	0.95	0.019	0.059	0.30	23.71	48.08	13.41	18.62	0.0	0.015	53.2	6.31	4.95	207.1	0.0	0.0	0.0
107	DL	24.0	35.1	107.7	0.95	0.019	0.056	0.28	23.67	48.08	13.44	18.62	0.0	0.015	53.3	6.33	4.82	207.1	0.0	0.0	0.0
108	DL	24.0	33.8	102.0	0.94	0.019	0.054	0.27	23.34	48.08	13.62	18.63	0.0	0.015	53.3	6.42	4.68	207.2	0.0	0.0	0.0
109	DL	24.1	33.1	100.5	0.92	0.019	0.052	0.26	22.95	48.09	13.84	18.65	0.0	0.015	53.4	6.54	4.72	207.2	0.0	0.0	0.0
110	DL	24.2	32.8	100.7	0.91	0.019	0.052	0.26	22.67	48.08	14.00	18.66	0.0	0.015	53.5	6.63	4.75	207.2	0.0	0.0	0.0
111	DL	24.4	32.3	101.3	0.90	0.019	0.051	0.26	22.53	48.08	14.09	18.66	0.0	0.015	53.6	6.68	4.86	207.3	0.0	0.0	0.0
112	DL	24.6	31.9	101.4	0.90	0.019	0.051	0.26	22.47	48.08	14.12	18.66	0.0	0.015	53.6	6.71	4.98	207.5	0.0	0.0	0.0
113	DL	24.7	31.9	102.0	0.90	0.019	0.051	0.27	22.47	48.08	14.12	18.66	0.0	0.015	53.7	6.72	4.94	207.5	0.0	0.0	0.0
114	DL	24.8	32.5	104.5	0.90	0.019	0.051	0.27	22.53	48.08	14.09	18.66	0.0	0.015	53.8	6.72	5.09	207.6	0.0	0.0	0.0
115	DL	24.9	33.1	108.4	0.91	0.020	0.052	0.28	22.70	48.08	13.98	18.66	0.0	0.015	54.0	6.68	5.29	207.7	0.0	0.0	0.0
116	DL	24.9	32.8	110.2	0.92	0.020	0.052	0.29	22.99	48.08	13.81	18.65	0.0	0.015	54.1	6.61	5.34	207.9	0.0	0.0	0.0
117	DL	24.9	32.0	109.5	0.93	0.020	0.051	0.29	23.20	48.07	13.69	18.64	0.0	0.015	54.2	6.56	5.27	208.0	0.0	0.0	0.0
118	DL	25.0	31.4	108.7	0.94	0.020	0.050	0.28	23.32	48.07	13.63	18.63	0.0	0.015	54.2	6.54	5.08	208.1	0.0	0.0	0.0
119	DL	25.1	31.4	110.0	0.94	0.020	0.050	0.29	23.38	48.07	13.59	18.63	0.0	0.015	54.3	6.53	5.16	208.3	0.0	0.0	0.0
120	DL	25.2	31.4	112.7	0.94	0.020	0.050	0.29	23.49	48.07	13.54	18.63	0.0	0.015	54.5	6.52	5.27	208.5	0.0	0.0	0.0
121	DL	25.2	31.3	114.1	0.95	0.020	0.050	0.30	23.68	48.06	13.43	18.62	0.0	0.015	54.6	6.48	5.34	208.7	0.0	0.0	0.0
122	DL	25.3	31.0	114.5	0.96	0.020	0.049	0.30	23.87	48.07	13.33	18.61	0.0	0.015	54.7	6.44	5.52	208.9	0.0	0.0	0.0
123	DL	25.3	30.3	112.5	0.96	0.020	0.048	0.29	23.96	48.07	13.28	18.61	0.0	0.015	54.7	6.43	5.43	209.1	0.0	0.0	0.0
124	DL	25.3	29.0	107.4	0.96	0.020	0.046	0.28	23.86	48.07	13.34	18.62	0.0	0.015	54.8	6.46	5.35	209.3	0.0	0.0	0.0
125	DL	25.3	27.5	99.2	0.94	0.020	0.044	0.26	23.51	48.06	13.53	18.63	0.0	0.015	54.7	6.55	5.10	209.5	0.0	0.0	0.0
126	DL	25.3	26.2	92.9	0.92	0.020	0.042	0.24	22.90	48.07	13.87	18.65	0.0	0.015	54.7	6.72	4.83	209.6	0.0	0.0	0.0
127	DL	25.4	25.8	91.6	0.89	0.020	0.041	0.24	22.24	48.07	14.27	18.68	0.0	0.015	54.7	6.92	4.71	209.9	0.0	0.0	0.0
128	DL	25.6	26.0	93.9	0.88	0.020	0.041	0.24	21.83	48.08	14.52	18.69	0.0	0.015	54.8	7.06	4.90	210.1	0.0	0.0	0.0
129	DL	25.8	26.2	95.8	0.87	0.020	0.041	0.25	21.68	48.07	14.61	18.70	0.0	0.015	54.8	7.11	4.99	210.3	0.0	0.0	0.0
130	DL	25.9	26.4	98.0	0.87	0.020	0.042	0.26	21.67	48.07	14.62	18.70	0.0	0.015	54.9	7.12	5.09	210.5	0.0	0.0	0.0
131	DL	26.2	26.7	99.4	0.87	0.021	0.042	0.26	21.75	48.07	14.57	18.69	0.0	0.015	55.0	7.10	5.11	210.6	0.0	0.0	0.0
132	DL	26.4	26.5	99.1	0.88	0.021	0.042	0.26	21.87	48.07	14.49	18.69	0.0	0.015	55.0	7.07	5.29	210.8	0.0	0.0	0.0
133	DL	26.4	25.2	89.4	0.88	0.021	0.040	0.23	21.81	48.08	14.53	18.69	0.0	0.015	55.0	7.10	5.47	211.0	0.0	0.0	0.0
134	DL	26.5	24.0	77.3	0.85	0.021	0.038	0.20	21.15	48.06	14.96	18.72	0.0	0.015	54.7	7.28	5.03	211.2	0.0	0.0	0.0
135	DL	26.9	23.7	77.7	0.82	0.021	0.037	0.20	20.31	48.07	15.54	18.76	0.0	0.015	54.8	7.58	4.80	211.3	0.0	0.0	0.0
136	DL	27.2	23.9	84.8	0.80	0.021	0.038	0.22	19.89	48.08	15.85	18.78	0.0	0.015	54.8	7.75	4.94	211.4	0.0	0.0	0.0
137	DL	27.3	24.1	88.7	0.80	0.021	0.038	0.23	19.89	48.08	15.85	18.78	0.0	0.015	54.9	7.76	5.02	211.6	0.0	0.0	0.0
138	DL	27.3	24.3	90.6	0.80	0.021	0.039	0.24	20.02	48.08	15.76	18.77	0.0	0.015	54.9	7.71	5.08	211.8	0.0	0.0	0.0
139	DL	27.4	24.8	93.5	0.81	0.021	0.039	0.24	20.20	48.08	15.62	18.76	0.0	0.015	55.0	7.65	5.08	212.0	0.0	0.0	0.0
140	DL	27.4	25.2	96.4	0.82	0.022	0.040	0.25	20.47	48.08	15.42	18.75	0.0	0.015	55.0	7.55	5.17	212.0	0.0	0.0	0.0
141	DL	27.4	25.0	95.2	0.83	0.021	0.040	0.25	20.74	48.08	15.24	18.74	0.0	0.015	55.1	7.47	5.33	212.1	0.0	0.0	0.0
142	DL	27.2	24.3	90.5	0.83	0.021	0.039	0.24	20.76	48.06	15.22	18.74	0.0	0.015	55.0	7.45	5.22	212.1	0.0	0.0	0.0
143	DL	27.2	24.0	89.8	0.83	0.021	0.038	0.23	20.60	48.06	15.33	18.74	0.0	0.015	55.0	7.50	4.99	212.2	0.0	0.0	0.0
144	DL	27.2	23.7	89.4	0.82	0.021	0.038	0.23	20.52	48.07	15.39	18.75	0.0	0.015	55.1	7.55	5.11	212.2	0.0	0.0	0.0
145	DL	27.2	23.3	87.1	0.82	0.021	0.037	0.23	20.45	48.07	15.45	18.75	0.0	0.015	55.0	7.57	5.08	212.1	0.0	0.0	0.0
146	DL	27.2	23.2	85.7	0.82	0.021	0.037	0.22	20.31	48.07	15.54	18.76	0.0	0.015	55.1	7.62	5.00	212.1	0.0	0.0	0.0
147	DL	27.2	22.9	84.9	0.81	0.021	0.036	0.22	20.17	48.08	15.65	18.76	0.0	0.015	55.1	7.68	5.06	212.2	0.0	0.0	0.0
148	DL	27.2	22.4	83.5	0.81	0.021	0.035	0.22	20.07	48.08	15.72	18.77	0.0	0.015	55.1	7.71	5.07	212.2	0.0	0.0	0.0
149	DL	27.3	22.1	82.9	0.80	0.021	0.035	0.22	19.91	48.07	15.84	18.78	0.0	0.015	55.0	7.77	4.98	212.2	0.0	0.0	0.0
150	DL	27.4	22.0	82.9	0.79	0.022	0.035	0.22	19.80	48.07	15.92	18.78	0.0	0.015	55.1	7.82	4.96	212.2	0.0	0.0	0.0
151	DL	27.5	22.0	83.6	0.79	0.022	0.035	0.22	19.77	48.06	15.94	18.78	0.0	0.015	55.1	7.83	5.02	212.3	0.0	0.0	0.0
152	DL	27.5	22.1	83.8	0.80	0.022	0.035	0.22	19.82	48.06	15.91	18.78	0.0	0.015	55.1	7.81	5.10	212.4	0.0	0.0	0.0
153	DL	27.5	22.0	82.6	0.80	0.022	0.035	0.21	19.82	48.06	15.91	18.78	0.0	0.015	55.0	7.81	5.14	212.5	0.0	0.0	0.0
154	DL	27.5	21.9	82.1	0.79	0.022	0.035	0.21	19.76	48.07	15.95	18.78	0.0	0.015	55.1	7.83	5.04	212.5	0.0	0.0	0.0
155	DL	27.5	21.8	83.1	0.79	0.022	0.035	0.22	19.73	48.06	15.97	18.79	0.0	0.015	55.1	7.85	5.01	212.5	0.0	0.0	0.0
156	DL	27.6	21.4	83.0	0.79	0.022	0.034	0.22	19.77	48.07	15.94	18.78	0.0	0.015	55.1	7.83	5.05	212.6	0.0	0.0	0.0
157	DL	27.5	20.6	78.8	0.79	0.022	0.033	0.21	19.75	48.07	15.96	18.79	0.0	0.015	55.1	7.84	5.08	212.7	0.0	0.0	0.0
158	DL	27.6	19.9	67.4	0.78	0.022	0.032	0.18	19.37	48.06	16.25	18.80	0.0	0.015	54.8	7.96	5.03	212.7	0.0	0.0	0.0
159	DL	28.1	19.9	66.3	0.75	0.022	0.031	0.17	18.64	48.06	16.85	18.84	0.0	0.015	54.8	8.26	4.93	212.9	0.0	0.0	0.0
160	DL	28.5	20.4	73.1	0.73	0.022	0.032	0.19	18.25	48.06	17.19	18.87	0.0	0.015	54.9	8.45	5.13	213.0	0.0	0.0	0.0
161	DL	28.6	21.0	79.8	0.74	0.022	0.033	0.21	18.38	48.06	17.08	18.86	0.0	0.015	54.9	8.40	5.28	213.2	0.0	0.0	0.0
162	DL	28.6	21.3	83.7	0.75	0.022	0.034	0.22	18.76	48.07	16.75	18.84	0.0	0.015	55.0	8.24	5.29	213.3	0.0	0.0	0.0
163	DL	28.5	21.2	84.4	0.77	0.022	0.034	0.22	19.15	48.06	16.43	18.82	0.0	0.015	55.0	8.07	5.31	213.5	0.0	0.0	0.0

164 DL	28.3	21.2	84.3	0.78	0.022	0.034	0.22	19.40	48.05	16.22	18.80	0.0	0.015	55.0	7.97	5.23	213.7	0.0	0.0	0.0
165 DL	28.1	21.1	85.0	0.79	0.022	0.033	0.22	19.58	48.06	16.09	18.79	0.0	0.015	55.0	7.90	5.21	213.8	0.0	0.0	0.0
166 DL	27.9	21.2	86.0	0.79	0.022	0.034	0.22	19.74	48.05	15.97	18.79	0.0	0.015	55.0	7.84	5.27	214.0	0.0	0.0	0.0
167 DL	27.8	21.3	86.9	0.80	0.022	0.034	0.23	19.91	48.05	15.84	18.78	0.0	0.015	55.1	7.78	5.29	214.2	0.0	0.0	0.0
168 DL	27.6	21.3	87.1	0.81	0.022	0.034	0.23	20.05	48.05	15.73	18.77	0.0	0.015	55.1	7.72	5.30	214.3	0.0	0.0	0.0
169 DL	27.5	21.2	84.7	0.81	0.022	0.034	0.22	20.12	48.06	15.68	18.77	0.0	0.015	55.1	7.70	5.32	214.5	0.0	0.0	0.0
170 DL	27.5	21.0	83.3	0.81	0.022	0.033	0.22	20.08	48.06	15.71	18.77	0.0	0.015	55.1	7.71	5.33	214.6	0.0	0.0	0.0
171 DL	27.5	20.9	83.0	0.80	0.022	0.033	0.22	19.98	48.05	15.78	18.77	0.0	0.015	55.1	7.75	5.28	214.7	0.0	0.0	0.0
172 DL	27.5	20.9	83.0	0.80	0.022	0.033	0.22	19.90	48.05	15.84	18.78	0.0	0.015	55.1	7.78	5.28	214.8	0.0	0.0	0.0
173 DL	27.6	21.1	83.2	0.80	0.022	0.033	0.22	19.84	48.05	15.89	18.78	0.0	0.015	55.1	7.80	5.27	214.9	0.0	0.0	0.0
174 DL	27.7	21.3	83.8	0.80	0.022	0.034	0.22	19.81	48.05	15.91	18.78	0.0	0.015	55.1	7.82	5.33	215.0	0.0	0.0	0.0
175 DL	27.9	21.6	85.0	0.80	0.022	0.034	0.22	19.83	48.05	15.90	18.78	0.0	0.015	55.1	7.81	5.35	215.2	0.0	0.0	0.0
176 DL	28.0	21.9	86.5	0.80	0.022	0.035	0.23	19.91	48.05	15.83	18.78	0.0	0.015	55.1	7.78	5.43	215.4	0.0	0.0	0.0
177 DL	28.0	21.7	86.1	0.80	0.022	0.034	0.22	19.98	48.05	15.78	18.77	0.0	0.015	55.1	7.76	5.54	215.5	0.0	0.0	0.0
178 DL	28.0	21.5	84.9	0.80	0.022	0.034	0.22	19.98	48.05	15.78	18.77	0.0	0.015	55.1	7.75	5.46	215.6	0.0	0.0	0.0
179 DL	28.0	21.5	84.8	0.80	0.022	0.034	0.22	19.93	48.04	15.82	18.78	0.0	0.015	55.1	7.77	5.41	215.7	0.0	0.0	0.0
180 DL	28.1	21.8	85.6	0.80	0.022	0.035	0.22	19.92	48.06	15.83	18.78	0.0	0.015	55.1	7.78	5.45	215.8	0.0	0.0	0.0
181 DL	28.1	22.1	86.4	0.80	0.022	0.035	0.22	19.98	48.05	15.78	18.77	0.0	0.015	55.1	7.76	5.48	215.9	0.0	0.0	0.0
182 DL	28.1	22.1	86.8	0.80	0.022	0.035	0.23	20.04	48.05	15.74	18.77	0.0	0.015	55.1	7.73	5.45	216.1	0.0	0.0	0.0
183 DL	28.1	21.7	83.4	0.80	0.022	0.034	0.22	20.04	48.04	15.73	18.77	0.0	0.015	55.1	7.73	5.42	216.2	0.0	0.0	0.0
184 DL	28.1	21.1	78.6	0.80	0.022	0.033	0.20	19.84	48.04	15.88	18.78	0.0	0.015	55.0	7.80	5.33	216.2	0.0	0.0	0.0
185 DL	28.2	20.7	76.0	0.78	0.022	0.033	0.20	19.52	48.04	16.13	18.80	0.0	0.015	55.0	7.92	5.32	216.2	0.0	0.0	0.0
186 DL	28.4	20.6	75.8	0.77	0.022	0.033	0.20	19.23	48.04	16.36	18.81	0.0	0.015	55.0	8.04	5.29	216.2	0.0	0.0	0.0
187 DL	28.5	20.6	77.3	0.77	0.022	0.033	0.20	19.05	48.05	16.50	18.82	0.0	0.015	55.0	8.11	5.28	216.2	0.0	0.0	0.0
188 DL	28.5	20.4	78.3	0.76	0.022	0.032	0.20	19.02	48.05	16.53	18.82	0.0	0.015	55.0	8.13	5.34	216.1	0.0	0.0	0.0
189 DL	28.5	20.2	76.2	0.76	0.022	0.032	0.20	19.01	48.05	16.54	18.82	0.0	0.015	55.0	8.13	5.32	216.1	0.0	0.0	0.0
190 DL	28.5	20.2	76.8	0.76	0.022	0.032	0.20	18.94	48.05	16.60	18.83	0.0	0.015	54.9	8.15	5.23	216.0	0.0	0.0	0.0
191 DL	28.5	20.3	79.5	0.76	0.022	0.032	0.21	18.96	48.05	16.58	18.83	0.0	0.015	55.0	8.15	5.30	215.9	0.0	0.0	0.0
192 DL	28.4	20.4	80.9	0.77	0.022	0.032	0.21	19.12	48.04	16.45	18.82	0.0	0.015	55.0	8.09	5.34	215.9	0.0	0.0	0.0
193 DL	28.3	20.2	80.1	0.77	0.022	0.032	0.21	19.27	48.04	16.33	18.81	0.0	0.015	55.0	8.03	5.36	215.9	0.0	0.0	0.0
194 DL	28.2	20.1	79.8	0.78	0.022	0.032	0.21	19.32	48.04	16.29	18.81	0.0	0.015	55.0	8.00	5.28	215.8	0.0	0.0	0.0
195 DL	28.2	20.0	81.1	0.78	0.022	0.032	0.21	19.37	48.04	16.25	18.80	0.0	0.015	55.0	7.99	5.32	215.9	0.0	0.0	0.0
196 DL	28.1	20.0	81.9	0.78	0.022	0.032	0.21	19.48	48.04	16.16	18.80	0.0	0.015	55.0	7.94	5.37	215.9	0.0	0.0	0.0
197 DL	28.1	20.0	82.4	0.79	0.022	0.032	0.21	19.60	48.05	16.07	18.79	0.0	0.015	55.1	7.90	5.32	216.1	0.0	0.0	0.0
198 DL	28.0	19.9	81.9	0.79	0.022	0.032	0.21	19.71	48.04	15.99	18.79	0.0	0.015	55.1	7.86	5.28	216.1	0.0	0.0	0.0
199 DL	28.0	19.9	81.8	0.79	0.022	0.032	0.21	19.75	48.04	15.95	18.79	0.0	0.015	55.1	7.84	5.26	216.2	0.0	0.0	0.0
200 DL	28.0	19.9	81.6	0.80	0.022	0.031	0.21	19.80	48.03	15.91	18.78	0.0	0.015	55.1	7.82	5.30	216.3	0.0	0.0	0.0
201 DL	28.0	19.8	81.5	0.80	0.022	0.031	0.21	19.83	48.04	15.90	18.78	0.0	0.015	55.1	7.81	5.34	216.4	0.0	0.0	0.0
202 DL	27.9	19.6	81.1	0.80	0.022	0.031	0.21	19.82	48.04	15.90	18.78	0.0	0.015	55.1	7.82	5.24	216.5	0.0	0.0	0.0
203 DL	27.9	19.3	79.1	0.79	0.022	0.031	0.21	19.75	48.03	15.95	18.79	0.0	0.015	55.1	7.84	5.22	216.7	0.0	0.0	0.0
204 DL	27.9	19.0	77.7	0.79	0.022	0.030	0.20	19.59	48.04	16.08	18.79	0.0	0.015	55.0	7.90	5.14	216.8	0.0	0.0	0.0
205 DL	28.0	19.0	77.4	0.78	0.022	0.030	0.20	19.42	48.03	16.21	18.80	0.0	0.015	55.0	7.97	5.14	217.0	0.0	0.0	0.0
206 DL	28.1	19.1	77.7	0.78	0.022	0.030	0.20	19.31	48.03	16.30	18.81	0.0	0.015	55.1	8.02	5.18	217.1	0.0	0.0	0.0
207 DL	28.2	19.1	78.3	0.77	0.022	0.030	0.20	19.25	48.02	16.34	18.81	0.0	0.015	55.0	8.04	5.18	217.3	0.0	0.0	0.0
208 DL	28.2	19.1	78.3	0.77	0.022	0.030	0.20	19.22	48.04	16.37	18.81	0.0	0.015	55.0	8.05	5.19	217.4	0.0	0.0	0.0
209 DL	28.3	19.3	78.4	0.77	0.022	0.031	0.20	19.18	48.02	16.40	18.81	0.0	0.015	55.0	8.07	5.23	217.5	0.0	0.0	0.0
210 DL	28.4	19.5	78.8	0.77	0.022	0.031	0.21	19.14	48.03	16.43	18.82	0.0	0.015	55.0	8.08	5.25	217.6	0.0	0.0	0.0
211 DL	28.4	19.5	79.4	0.77	0.022	0.031	0.21	19.13	48.04	16.44	18.82	0.0	0.015	55.0	8.08	5.29	217.7	0.0	0.0	0.0
212 DL	28.5	19.4	79.4	0.77	0.022	0.031	0.21	19.13	48.04	16.44	18.82	0.0	0.015	55.0	8.09	5.24	217.9	0.0	0.0	0.0
213 DL	28.6	19.5	79.8	0.77	0.022	0.031	0.21	19.11	48.03	16.45	18.82	0.0	0.015	55.0	8.09	5.25	218.0	0.0	0.0	0.0
214 DL	28.7	19.6	80.0	0.77	0.023	0.031	0.21	19.12	48.03	16.44	18.82	0.0	0.015	55.0	8.09	5.18	218.1	0.0	0.0	0.0
215 DL	28.7	19.8	80.0	0.77	0.023	0.031	0.21	19.13	48.03	16.44	18.82	0.0	0.015	55.0	8.09	5.17	218.2	0.0	0.0	0.0
216 DL	28.8	20.1	81.7	0.77	0.023	0.032	0.21	19.18	48.03	16.40	18.81	0.0	0.015	55.0	8.07	5.18	218.3	0.0	0.0	0.0
217 DL	28.8	20.3	82.8	0.77	0.023	0.032	0.22	19.25	48.02	16.33	18.81	0.0	0.015	55.0	8.03	5.22	218.4	0.0	0.0	0.0
218 DL	28.7	20.4	83.6	0.78	0.023	0.032	0.22	19.34	48.02	16.26	18.81	0.0	0.015	55.1	8.00	5.16	218.5	0.0	0.0	0.0
219 DL	28.7	20.4	84.5	0.78	0.023	0.032	0.22	19.48	48.02	16.15	18.80	0.0	0.015	55.1	7.95	5.22	218.7	0.0	0.0	0.0
220 DL	28.7	20.4	84.4	0.79	0.023	0.032	0.22	19.59	48.02	16.07	18.79	0.0	0.015	55.1	7.91	5.16	218.8	0.0	0.0	0.0
221 DL	28.7	20.5	85.0	0.79	0.022	0.032	0.22	19.66	48.02	16.01	18.79	0.0	0.015	55.1	7.88	5.16	218.9	0.0	0.0	0.0
222 DL	28.6	20.4	85.4	0.79	0.022	0.032	0.22	19.73	48.02	15.96	18.79	0.0	0.015	55.1	7.85	5.20	219.0	0.0	0.0	0.0

223	DL	28.5	20.3	83.8	0.79	0.022	0.032	0.22	19.78	48.02	15.93	18.78	0.0	0.015	55.1	7.84	5.22	219.1	0.0	0.0	0.0
224	DL	28.5	19.9	81.6	0.79	0.022	0.031	0.21	19.72	48.02	15.97	18.79	0.0	0.015	55.1	7.85	5.22	219.1	0.0	0.0	0.0
225	DL	28.4	19.6	80.5	0.79	0.022	0.031	0.21	19.57	48.02	16.08	18.79	0.0	0.015	55.1	7.91	5.16	219.2	0.0	0.0	0.0
226	DL	28.4	19.5	80.1	0.78	0.022	0.031	0.21	19.42	48.02	16.20	18.80	0.0	0.015	55.1	7.97	5.19	219.2	0.0	0.0	0.0
227	DL	28.5	19.4	80.1	0.78	0.022	0.031	0.21	19.32	48.02	16.28	18.81	0.0	0.015	55.1	8.01	5.20	219.3	0.0	0.0	0.0
228	DL	28.5	19.4	79.7	0.77	0.022	0.031	0.21	19.24	48.02	16.34	18.81	0.0	0.015	55.1	8.04	5.13	219.3	0.0	0.0	0.0
229	DL	28.6	19.4	79.3	0.77	0.022	0.031	0.21	19.18	48.02	16.39	18.81	0.0	0.015	55.0	8.07	5.12	219.3	0.0	0.0	0.0
230	DL	28.7	19.4	78.8	0.77	0.022	0.031	0.21	19.14	48.02	16.43	18.82	0.0	0.015	55.0	8.08	5.17	219.3	0.0	0.0	0.0
231	DL	28.8	19.5	77.8	0.77	0.023	0.031	0.20	19.09	48.02	16.46	18.82	0.0	0.015	55.0	8.10	5.10	219.2	0.0	0.0	0.0
232	DL	28.9	19.6	77.2	0.77	0.023	0.031	0.20	19.04	48.03	16.51	18.82	0.0	0.015	55.0	8.12	5.16	219.1	0.0	0.0	0.0
233	DL	28.9	19.6	77.3	0.76	0.023	0.031	0.20	19.00	48.02	16.53	18.82	0.0	0.015	55.0	8.14	5.17	219.1	0.0	0.0	0.0
234	DL	28.9	19.7	78.2	0.76	0.023	0.031	0.20	19.01	48.01	16.53	18.82	0.0	0.015	55.0	8.13	5.28	219.0	0.0	0.0	0.0
235	DL	28.9	19.7	78.5	0.77	0.023	0.031	0.20	19.06	48.02	16.49	18.82	0.0	0.015	55.0	8.11	5.30	218.9	0.0	0.0	0.0
236	DL	28.9	19.7	79.7	0.77	0.023	0.031	0.21	19.13	48.02	16.44	18.82	0.0	0.015	55.0	8.08	5.31	218.9	0.0	0.0	0.0
237	DL	28.9	19.6	81.1	0.77	0.023	0.031	0.21	19.23	48.02	16.35	18.81	0.0	0.015	55.0	8.04	5.24	218.9	0.0	0.0	0.0
238	DL	28.8	19.7	81.7	0.78	0.023	0.031	0.21	19.37	48.02	16.24	18.80	0.0	0.015	55.0	7.99	5.25	218.9	0.0	0.0	0.0
239	DL	28.8	19.8	82.6	0.78	0.023	0.031	0.21	19.49	48.01	16.14	18.80	0.0	0.015	55.0	7.94	5.31	218.9	0.0	0.0	0.0
240	DL	28.8	19.9	83.5	0.79	0.023	0.031	0.22	19.62	48.01	16.05	18.79	0.0	0.015	55.0	7.89	5.34	219.0	0.0	0.0	0.0
241	DL	28.7	19.8	82.4	0.79	0.022	0.031	0.21	19.69	48.00	15.99	18.79	0.0	0.015	55.1	7.86	5.38	219.1	0.0	0.0	0.0
242	DL	28.6	19.8	82.1	0.79	0.022	0.031	0.21	19.69	48.02	15.99	18.79	0.0	0.015	55.1	7.86	5.33	219.1	0.0	0.0	0.0
243	DL	28.6	19.6	81.3	0.79	0.022	0.031	0.21	19.69	48.01	15.99	18.79	0.0	0.015	55.1	7.87	5.37	219.2	0.0	0.0	0.0
244	DL	28.6	19.4	79.3	0.79	0.022	0.031	0.21	19.64	48.01	16.03	18.79	0.0	0.015	55.0	7.88	5.43	219.2	0.0	0.0	0.0
245	DL	28.6	19.2	77.6	0.78	0.022	0.030	0.20	19.51	48.01	16.13	18.80	0.0	0.015	55.0	7.93	5.40	219.2	0.0	0.0	0.0
246	DL	28.7	19.2	77.2	0.78	0.023	0.030	0.20	19.37	48.01	16.24	18.80	0.0	0.015	55.0	7.98	5.44	219.4	0.0	0.0	0.0
247	DL	28.8	19.1	77.1	0.77	0.023	0.030	0.20	19.27	48.01	16.32	18.81	0.0	0.015	55.0	8.02	5.47	219.5	0.0	0.0	0.0
248	DL	28.9	19.2	77.2	0.77	0.023	0.030	0.20	19.18	48.01	16.39	18.81	0.0	0.015	55.0	8.06	5.48	219.7	0.0	0.0	0.0
249	DL	29.0	19.2	78.3	0.77	0.023	0.030	0.20	19.14	48.02	16.42	18.82	0.0	0.015	55.0	8.07	5.50	219.8	0.0	0.0	0.0
250	DL	29.1	19.3	79.0	0.77	0.023	0.030	0.21	19.14	48.00	16.42	18.82	0.0	0.015	55.0	8.08	5.43	220.0	0.0	0.0	0.0
251	DL	29.1	19.4	79.1	0.77	0.023	0.031	0.21	19.16	48.01	16.40	18.81	0.0	0.015	55.0	8.06	5.50	220.1	0.0	0.0	0.0
252	DL	29.1	19.4	79.0	0.77	0.023	0.031	0.21	19.19	48.01	16.38	18.81	0.0	0.015	55.0	8.05	5.50	220.1	0.0	0.0	0.0
253	DL	29.1	19.4	78.8	0.77	0.023	0.031	0.20	19.19	48.00	16.38	18.81	0.0	0.015	54.9	8.05	5.49	220.3	0.0	0.0	0.0
254	DL	29.1	19.3	79.4	0.77	0.023	0.031	0.21	19.18	48.00	16.39	18.81	0.0	0.015	55.0	8.05	5.49	220.4	0.0	0.0	0.0
255	DL	29.2	19.3	79.6	0.77	0.023	0.031	0.21	19.19	48.00	16.38	18.81	0.0	0.015	55.0	8.05	5.46	220.5	0.0	0.0	0.0
256	DL	29.3	19.4	80.2	0.77	0.023	0.031	0.21	19.22	48.00	16.36	18.81	0.0	0.015	55.0	8.04	5.39	220.6	0.0	0.0	0.0
257	DL	29.3	19.6	80.7	0.77	0.023	0.031	0.21	19.25	48.00	16.32	18.81	0.0	0.015	55.0	8.03	5.37	220.8	0.0	0.0	0.0
258	DL	29.4	19.9	81.3	0.78	0.023	0.031	0.21	19.32	48.00	16.27	18.81	0.0	0.015	55.0	8.00	5.44	220.9	0.0	0.0	0.0
259	DL	29.4	20.1	82.7	0.78	0.023	0.032	0.21	19.40	47.99	16.21	18.80	0.0	0.015	55.0	7.97	5.47	221.0	0.0	0.0	0.0
260	DL	29.4	20.3	83.6	0.78	0.023	0.032	0.22	19.51	48.00	16.12	18.80	0.0	0.015	55.1	7.93	5.46	221.1	0.0	0.0	0.0
261	DL	29.4	20.4	83.8	0.79	0.023	0.032	0.22	19.60	48.00	16.05	18.79	0.0	0.015	55.1	7.90	5.55	221.2	0.0	0.0	0.0
262	DL	29.4	20.3	84.5	0.79	0.023	0.032	0.22	19.68	47.99	15.99	18.79	0.0	0.015	55.1	7.87	5.52	221.2	0.0	0.0	0.0
263	DL	29.3	20.1	83.6	0.79	0.023	0.032	0.22	19.73	48.00	15.95	18.79	0.0	0.015	55.1	7.85	5.46	221.4	0.0	0.0	0.0
264	DL	29.3	20.0	81.8	0.79	0.023	0.032	0.21	19.69	48.01	15.98	18.79	0.0	0.015	55.0	7.86	5.42	221.5	0.0	0.0	0.0
265	DL	29.3	19.9	80.7	0.79	0.023	0.031	0.21	19.60	47.99	16.05	18.79	0.0	0.015	55.1	7.90	5.37	221.6	0.0	0.0	0.0
266	DL	29.4	19.9	80.1	0.78	0.023	0.031	0.21	19.50	47.99	16.13	18.80	0.0	0.015	55.1	7.94	5.40	221.7	0.0	0.0	0.0
267	DL	29.4	19.9	80.0	0.78	0.023	0.031	0.21	19.42	47.99	16.19	18.80	0.0	0.015	55.1	7.97	5.41	221.8	0.0	0.0	0.0
268	DL	29.5	19.9	79.5	0.78	0.023	0.031	0.21	19.35	47.99	16.24	18.80	0.0	0.015	55.0	8.00	5.48	221.8	0.0	0.0	0.0
269	DL	29.5	19.8	79.8	0.78	0.023	0.031	0.21	19.30	48.00	16.28	18.81	0.0	0.015	55.1	8.02	5.44	221.9	0.0	0.0	0.0
270	DL	29.5	19.7	79.7	0.78	0.023	0.031	0.21	19.28	48.00	16.30	18.81	0.0	0.015	55.1	8.03	5.47	222.0	0.0	0.0	0.0
271	DL	29.4	19.6	79.3	0.77	0.023	0.031	0.21	19.23	48.00	16.34	18.81	0.0	0.015	55.0	8.04	5.43	222.0	0.0	0.0	0.0
272	DL	29.5	19.5	78.8	0.77	0.023	0.031	0.20	19.18	47.99	16.38	18.81	0.0	0.015	55.0	8.07	5.36	222.0	0.0	0.0	0.0
273	DL	29.5	19.5	77.8	0.77	0.023	0.031	0.20	19.13	48.00	16.42	18.82	0.0	0.015	55.0	8.08	5.40	221.9	0.0	0.0	0.0
274	DL	29.6	19.6	78.3	0.77	0.023	0.031	0.20	19.07	47.99	16.47	18.82	0.0	0.015	55.0	8.11	5.49	221.9	0.0	0.0	0.0
275	DL	29.7	19.7	78.8	0.77	0.023	0.031	0.20	19.07	47.99	16.47	18.82	0.0	0.015	55.0	8.11	5.49	221.8	0.0	0.0	0.0
276	DL	29.7	19.8	80.0	0.77	0.023	0.031	0.21	19.14	48.00	16.42	18.82	0.0	0.015	55.1	8.08	5.54	221.7	0.0	0.0	0.0
277	DL	29.7	19.8	80.9	0.77	0.023	0.031	0.21	19.24	48.00	16.34	18.81	0.0	0.015	55.1	8.05	5.58	221.7	0.0	0.0	0.0
278	DL	29.6	19.9	82.5	0.78	0.023	0.031	0.21	19.36	48.00	16.24	18.80	0.0	0.015	55.1	8.00	5.55	221.6	0.0	0.0	0.0
279	DL	29.6	19.9	83.4	0.78	0.023	0.032	0.22	19.50	47.99	16.13	18.80	0.0	0.015	55.1	7.94	5.54	221.5	0.0	0.0	0.0
280	DL	29.6	20.0	82.7	0.79	0.023	0.032	0.21	19.64	47.99	16.02	18.79	0.0	0.015	55.2	7.90	5.59	221.5	0.0	0.0	0.0
281	DL	29.5	20.1	81.4	0.79	0.023	0.032	0.21	19.70	48.00	15.97	18.79	0.0	0.015	55.1	7.87	5.67	221.5	0.0	0.0	0.0

282	DL	29.6	20.0	81.8	0.79	0.023	0.032	0.21	19.70	47.99	15.98	18.79	0.0	0.015	55.1	7.87	5.62	221.5	0.0	0.0	0.0
283	DL	29.6	20.1	82.4	0.79	0.023	0.032	0.21	19.71	47.99	15.97	18.79	0.0	0.015	55.2	7.87	5.67	221.5	0.0	0.0	0.0
284	DL	29.6	20.2	82.7	0.79	0.023	0.032	0.21	19.76	47.99	15.93	18.78	0.0	0.015	55.2	7.85	5.68	221.5	0.0	0.0	0.0
285	DL	29.6	20.3	82.5	0.80	0.023	0.032	0.21	19.82	47.99	15.88	18.78	0.0	0.015	55.2	7.83	5.74	221.6	0.0	0.0	0.0
286	DL	29.6	20.2	83.1	0.80	0.023	0.032	0.22	19.86	47.99	15.85	18.78	0.0	0.015	55.2	7.82	5.76	221.6	0.0	0.0	0.0
287	DL	29.5	20.0	82.9	0.80	0.023	0.032	0.22	19.90	47.98	15.82	18.78	0.0	0.015	55.2	7.81	5.80	221.6	0.0	0.0	0.0
288	DL	29.4	19.7	81.3	0.80	0.023	0.031	0.21	19.88	47.98	15.83	18.78	0.0	0.015	55.3	7.81	5.76	221.7	0.0	0.0	0.0
289	DL	29.4	19.4	78.5	0.80	0.023	0.031	0.20	19.77	47.98	15.92	18.78	0.0	0.015	55.2	7.85	5.78	221.8	0.0	0.0	0.0
290	DL	29.4	19.2	77.2	0.79	0.023	0.030	0.20	19.58	47.99	16.06	18.79	0.0	0.015	55.2	7.93	5.63	221.7	0.0	0.0	0.0
291	DL	29.4	19.0	76.9	0.78	0.023	0.030	0.20	19.43	47.99	16.18	18.80	0.0	0.015	55.2	7.99	5.57	221.8	0.0	0.0	0.0
292	DL	29.4	18.8	77.0	0.78	0.023	0.030	0.20	19.32	47.99	16.27	18.81	0.0	0.015	55.2	8.03	5.63	221.8	0.0	0.0	0.0
293	DL	29.4	18.8	77.4	0.77	0.023	0.030	0.20	19.25	47.99	16.33	18.81	0.0	0.015	55.2	8.06	5.63	221.8	0.0	0.0	0.0
294	DL	29.5	18.8	78.0	0.77	0.023	0.030	0.20	19.21	48.00	16.36	18.81	0.0	0.015	55.2	8.08	5.61	221.8	0.0	0.0	0.0
295	DL	29.5	18.9	78.6	0.77	0.023	0.030	0.20	19.21	47.99	16.36	18.81	0.0	0.015	55.2	8.08	5.67	221.8	0.0	0.0	0.0
296	DL	29.5	19.0	80.0	0.77	0.023	0.030	0.21	19.24	47.99	16.33	18.81	0.0	0.015	55.2	8.06	5.71	221.9	0.0	0.0	0.0
297	DL	29.5	19.0	81.2	0.78	0.023	0.030	0.21	19.32	47.98	16.27	18.81	0.0	0.015	55.3	8.03	5.74	221.9	0.0	0.0	0.0
298	DL	29.5	19.2	82.1	0.78	0.023	0.030	0.21	19.43	47.98	16.18	18.80	0.0	0.015	55.3	7.99	5.76	222.0	0.0	0.0	0.0
299	DL	29.4	19.3	82.8	0.79	0.023	0.031	0.22	19.54	47.98	16.10	18.79	0.0	0.015	55.2	7.95	5.74	222.1	0.0	0.0	0.0
300	DL	29.4	19.4	83.3	0.79	0.023	0.031	0.22	19.64	47.98	16.02	18.79	0.0	0.015	55.3	7.91	5.80	222.2	0.0	0.0	0.0
301	DL	29.4	19.3	82.9	0.79	0.023	0.031	0.22	19.74	47.98	15.94	18.78	0.0	0.015	55.3	7.87	5.84	222.3	0.0	0.0	0.0
302	DL	29.4	19.3	81.4	0.80	0.023	0.031	0.21	19.77	47.99	15.92	18.78	0.0	0.015	55.2	7.85	5.76	222.4	0.0	0.0	0.0
303	DL	29.4	19.3	81.2	0.79	0.023	0.031	0.21	19.71	47.99	15.96	18.79	0.0	0.015	55.3	7.88	5.71	222.5	0.0	0.0	0.0
304	DL	29.5	19.5	81.3	0.79	0.023	0.031	0.21	19.67	47.98	15.99	18.79	0.0	0.015	55.3	7.90	5.74	222.6	0.0	0.0	0.0
305	DL	29.6	19.5	81.3	0.79	0.023	0.031	0.21	19.68	47.98	15.99	18.79	0.0	0.015	55.3	7.90	5.88	222.7	0.0	0.0	0.0
306	DL	29.6	19.2	79.2	0.79	0.023	0.030	0.21	19.64	47.98	16.02	18.79	0.0	0.015	55.3	7.91	5.91	222.7	0.0	0.0	0.0
307	DL	29.7	18.8	77.3	0.78	0.023	0.030	0.20	19.48	47.99	16.15	18.80	0.0	0.015	55.2	7.97	5.77	222.8	0.0	0.0	0.0
308	DL	29.8	18.6	76.5	0.77	0.023	0.029	0.20	19.26	47.98	16.31	18.81	0.0	0.015	55.2	8.06	5.73	222.8	0.0	0.0	0.0
309	DL	29.9	18.5	75.6	0.77	0.023	0.029	0.20	19.06	47.98	16.48	18.82	0.0	0.015	55.2	8.14	5.78	222.8	0.0	0.0	0.0
310	DL	30.0	18.3	74.0	0.76	0.024	0.029	0.19	18.89	47.98	16.62	18.83	0.0	0.015	55.1	8.20	5.80	222.7	0.0	0.0	0.0
311	DL	30.2	17.5	68.4	0.75	0.024	0.028	0.18	18.66	47.98	16.81	18.84	0.0	0.015	55.1	8.30	5.78	222.7	0.0	0.0	0.0
312	DL	29.9	15.7	45.0	0.72	0.023	0.025	0.12	17.88	47.98	17.51	18.89	0.0	0.015	54.5	8.59	5.68	222.7	0.0	0.0	0.0
313	DL	28.5	13.0	20.7	0.63	0.022	0.021	0.05	15.69	47.97	19.82	19.04	0.0	0.014	51.9	9.33	5.17	222.5	0.0	0.0	0.0
314	DL	26.0	10.2	10.6	0.51	0.020	0.016	0.03	12.70	47.99	24.16	19.33	0.0	0.013	47.2	10.48	4.92	222.4	0.0	0.0	0.0
315	DL	23.3	8.0	7.5	0.39	0.018	0.013	0.02	9.79	47.99	30.62	19.79	0.0	0.013	45.3	13.01	4.80	222.2	0.0	0.0	0.0
316	DL	20.9	6.5	6.3	0.30	0.016	0.010	0.02	7.57	48.01	38.40	20.37	0.0	0.012	42.7	15.85	4.69	221.8	0.0	0.0	0.0
317	DL	19.0	5.3	5.6	0.24	0.015	0.008	0.01	6.06	48.02	46.39	21.00	0.0	0.011	40.6	18.80	4.72	221.5	0.0	0.0	0.0
318	DL	17.4	4.3	5.1	0.20	0.014	0.007	0.01	4.89	48.03	55.43	21.77	0.0	0.011	38.5	22.11	4.71	221.1	0.0	0.0	0.0
319	DL	16.2	3.6	4.6	0.16	0.013	0.006	0.01	3.92	48.04	66.11	22.75	0.0	0.010	36.5	26.13	4.67	220.8	0.0	0.0	0.0
320	DL	15.2	3.1	4.5	0.13	0.012	0.005	0.01	3.23	48.04	76.41	23.79	0.0	0.010	34.5	29.90	4.67	220.6	0.0	0.0	0.0
321	DL	14.3	2.7	4.2	0.11	0.011	0.004	0.01	2.74	48.05	86.12	24.86	0.0	0.009	32.5	33.15	4.66	220.3	0.0	0.0	0.0
322	DL	13.6	2.3	4.0	0.09	0.011	0.004	0.01	2.28	48.07	97.67	26.26	0.0	0.008	30.4	37.13	4.62	220.1	0.0	0.0	0.0
323	DL	12.9	2.1	3.8	0.08	0.010	0.003	0.01	1.91	48.08	109.55	27.88	0.0	0.008	28.3	41.30	4.65	220.0	0.0	0.0	0.0
324	DL	12.3	1.8	3.6	0.07	0.010	0.003	0.01	1.66	48.07	119.58	29.41	0.0	0.007	26.4	44.31	4.58	219.9	0.0	0.0	0.0
325	DL	11.7	1.5	3.4	0.06	0.009	0.002	0.01	1.42	48.09	130.92	31.35	0.0	0.007	24.5	47.96	4.58	219.8	0.0	0.0	0.0
326	DL	11.2	1.4	3.4	0.05	0.009	0.002	0.01	1.19	48.09	143.90	33.93	0.0	0.006	22.5	52.50	4.59	219.7	0.0	0.0	0.0
327	DL	10.7	1.5	3.6	0.04	0.008	0.002	0.01	1.04	48.11	153.66	36.17	0.0	0.006	20.8	55.22	4.53	219.7	0.0	0.0	0.0
328	DL	10.5	1.7	5.5	0.04	0.008	0.003	0.01	0.97	48.11	158.41	37.37	0.0	0.005	18.7	53.14	4.52	219.7	0.0	0.0	0.0
329	DL	10.6	2.2	6.9	0.04	0.008	0.004	0.02	1.05	48.12	152.61	35.91	0.0	0.005	16.2	42.69	4.89	219.6	0.0	0.0	0.0
330	DL	10.9	2.7	5.8	0.05	0.009	0.004	0.02	1.15	48.13	146.09	34.42	0.0	0.004	14.7	35.32	4.90	219.4	0.0	0.0	0.0
331	DL	11.2	3.2	7.7	0.05	0.009	0.005	0.02	1.19	48.14	143.43	33.84	0.0	0.003	12.1	28.34	4.74	219.3	0.0	0.0	0.0
332	DL	11.3	3.4	9.6	0.05	0.009	0.005	0.03	1.35	48.14	134.28	31.98	0.0	0.003	10.3	21.19	5.42	219.3	0.0	0.0	0.0
333	DL	11.4	3.5	8.7	0.06	0.009	0.006	0.02	1.52	48.14	125.47	30.40	0.0	0.002	8.5	15.58	5.44	219.3	0.0	0.0	0.0
334	DL	11.4	3.4	9.0	0.06	0.009	0.005	0.02	1.62	48.15	121.13	29.67	0.0	0.002	6.7	11.57	5.28	219.2	0.0	0.0	0.0
335	DL	11.3	3.3	11.0	0.07	0.009	0.005	0.03	1.74	48.16	116.01	28.85	0.0	0.001	4.6	7.42	5.45	219.2	0.0	0.0	0.0
336	DL	11.0	3.2	12.6	0.08	0.009	0.005	0.03	1.95	48.17	108.54	27.74	0.0	0.001	3.1	4.53	5.65	219.2	0.0	0.0	0.0
337	DL	10.8	3.2	13.5	0.09	0.008	0.005	0.04	2.16	48.17	101.50	26.77	0.0	0.001	2.1	2.83	5.89	219.2	0.0	0.0	0.0
338	DL	10.5	3.1	14.3	0.09	0.008	0.005	0.04	2.34	48.16	96.28	26.09	0.0	0.000	0.9	1.11	5.86	219.2	0.0	0.0	0.0
339	DL	10.2	3.1	15.2	0.10	0.008	0.005	0.04	2.52	48.17	91.57	25.51	0.0	0.000	0.0	0.08	6.00	219.1	0.0	0.0	0.0
340	DL	9.9	3.1	16.1	0.11	0.008	0.005	0.04	2.69	48.18	87.54	25.03	0.0	0.000	0.0	0.96	6.11	219.0	0.0	0.0	0.0

341	DL	9.7	3.2	16.5	0.11	0.008	0.005	0.04	2.84	48.19	84.31	24.66	0.0	0.000	0.0	1.01	6.20	218.9	0.0	0.0	0.0
342	DL	9.5	3.1	16.5	0.12	0.007	0.005	0.04	2.96	48.19	81.86	24.39	0.0	0.000	0.0	1.06	6.31	218.9	0.0	0.0	0.0
343	DL	9.3	3.0	16.4	0.12	0.007	0.005	0.04	3.06	48.19	79.81	24.17	0.0	0.000	0.0	1.09	6.23	218.8	0.0	0.0	0.0
344	DL	9.1	3.1	16.5	0.13	0.007	0.005	0.04	3.14	48.19	78.40	24.01	0.0	0.000	0.0	1.12	6.21	218.9	0.0	0.0	0.0
345	DL	8.9	3.1	16.5	0.13	0.007	0.005	0.04	3.19	48.19	77.50	23.92	0.0	0.000	0.0	1.14	6.24	218.9	0.0	0.0	0.0
346	DL	8.8	3.0	16.6	0.13	0.007	0.005	0.04	3.24	48.21	76.70	23.83	0.0	0.000	0.0	1.15	6.29	218.9	0.0	0.0	0.0
347	DL	8.6	3.0	16.6	0.13	0.007	0.005	0.04	3.27	48.21	76.08	23.77	0.0	0.000	0.0	1.17	6.26	218.9	0.0	0.0	0.0
348	DL	8.5	3.0	16.6	0.13	0.007	0.005	0.04	3.29	48.20	75.74	23.73	0.0	0.000	0.0	1.17	6.18	218.8	0.0	0.0	0.0
349	DL	8.3	2.9	16.6	0.13	0.007	0.005	0.04	3.31	48.21	75.41	23.70	0.0	0.000	0.0	1.18	6.14	218.8	0.0	0.0	0.0
350	DL	8.2	2.9	16.6	0.13	0.006	0.005	0.04	3.34	48.22	75.04	23.66	0.0	0.000	0.0	1.19	6.18	218.7	0.0	0.0	0.0
351	DL	8.1	2.9	16.6	0.13	0.006	0.005	0.04	3.35	48.21	74.78	23.63	0.0	0.000	0.0	1.19	6.18	218.7	0.0	0.0	0.0
352	DL	8.0	2.9	16.4	0.13	0.006	0.005	0.04	3.36	48.22	74.68	23.62	0.0	0.000	0.0	1.20	6.14	218.7	0.0	0.0	0.0
353	DL	7.9	2.8	16.1	0.13	0.006	0.004	0.04	3.36	48.23	74.69	23.62	0.0	0.000	0.0	1.20	6.21	218.5	0.0	0.0	0.0
354	DL	7.8	2.8	16.3	0.13	0.006	0.004	0.04	3.37	48.23	74.56	23.61	0.0	0.000	0.0	1.20	6.24	218.5	0.0	0.0	0.0
355	DL	7.7	2.9	16.2	0.14	0.006	0.005	0.04	3.37	48.23	74.43	23.60	0.0	0.000	0.0	1.20	6.24	218.4	0.0	0.0	0.0
356	DL	7.6	2.9	16.3	0.14	0.006	0.005	0.04	3.38	48.23	74.27	23.58	0.0	0.000	0.0	1.21	6.27	218.2	0.0	0.0	0.0
357	DL	7.5	2.9	16.5	0.14	0.006	0.005	0.04	3.39	48.24	74.11	23.56	0.0	0.000	0.0	1.21	6.25	218.1	0.0	0.0	0.0

Total test time = 77:07

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Test #: 1076 Commuter

Date: 5/12/94

Test cycle results

CO (g/mi) =	1.51
CO2 (g/mi) =	166.21
NOx (g/mi) =	6.63

Time	CO (ppm)	CO2 (%)	NOx (ppm)	FT INL1	FT INL2	Temp (F)	Eng. RPM	Inlet mass flow (scfm)	Exhaust mass flow (scfm)	Speed (mph)	CO cum (g)	NOx cum (g)	CO2 cum (g)	miles
09:56:30	85.59	2.74	257.39	96.46	53.72	74.40	683.39							
09:56:31	85.59	2.80	257.39	94.02	54.95	74.40	683.39							
09:56:32	85.59	2.80	257.39	94.02	54.95	74.40	683.39							
09:56:33	85.71	2.85	257.39	94.02	56.17	74.64	684.41	12.5855	13.0584	0.1131	0.0006	0.0030	0.0027	0.0000
09:56:34	85.59	2.90	257.39	95.24	57.39	74.40	681.86	12.2669	12.7378	0.1131	0.0012	0.0060	0.0054	0.0001
09:56:35	76.19	2.93	285.71	95.24	58.61	74.64	679.83	12.2669	12.7378	0.1131	0.0018	0.0089	0.0081	0.0001
09:56:36	76.31	2.95	285.23	94.02	58.61	74.64	682.37	12.2669	12.7477	0.1131	0.0024	0.0119	0.0109	0.0001
09:56:37	76.19	2.98	285.71	94.02	62.27	74.64	682.37	12.4262	12.9214	0.1131	0.0030	0.0149	0.0137	0.0002
09:56:38	76.31	3.01	285.23	96.46	67.16	74.64	682.37	12.4262	12.9258	0.1131	0.0035	0.0182	0.0165	0.0002
09:56:39	76.19	3.03	285.71	97.68	67.16	74.64	682.37	12.2669	12.7634	0.1131	0.0041	0.0215	0.0194	0.0002
09:56:40	76.19	3.08	285.23	100.12	64.71	74.64	682.37	12.2669	12.7654	0.1131	0.0046	0.0247	0.0223	0.0003
09:56:41	76.19	3.10	285.23	102.56	63.49	74.64	683.39	12.5855	13.1052	0.1131	0.0052	0.0281	0.0252	0.0003
09:56:42	76.19	3.12	285.71	102.56	59.83	74.64	683.39	12.7448	13.2745	0.1131	0.0057	0.0315	0.0282	0.0003
09:56:43	76.19	3.16	285.23	102.56	64.71	74.88	683.39	13.0634	13.6156	0.1131	0.0063	0.0350	0.0312	0.0003
09:56:44	76.19	3.16	285.23	102.56	64.71	74.88	683.39	13.3820	13.9513	0.1131	0.0069	0.0386	0.0342	0.0004
09:56:45	82.30	3.21	325.76	101.34	65.93	74.88	682.37	13.3820	13.9557	0.1131	0.0074	0.0422	0.0372	0.0004
09:56:46	82.30	3.21	325.76	101.34	65.93	74.88	682.37	13.3820	13.9622	0.1131	0.0080	0.0457	0.0403	0.0004
09:56:47	82.17	3.23	325.76	98.90	65.93	74.88	682.37	13.3820	13.9622	0.1131	0.0086	0.0493	0.0433	0.0005
09:56:48	82.30	3.26	325.76	97.68	64.71	74.88	682.37	13.2227	13.8062	0.1131	0.0092	0.0534	0.0465	0.0005
09:56:49	82.17	3.29	325.76	97.68	64.71	74.88	682.37	13.2227	13.8062	0.1131	0.0099	0.0574	0.0496	0.0005
09:56:50	82.30	3.29	326.25	98.46	65.93	74.88	683.39	12.9041	13.4777	0.1131	0.0105	0.0614	0.0527	0.0006
09:56:51	82.30	3.32	325.76	97.68	67.16	74.88	683.39	12.7448	13.3155	0.1131	0.0111	0.0653	0.0559	0.0006
09:56:52	82.30	3.35	325.76	98.90	67.16	74.88	906.10	12.7448	13.3210	0.1131	0.0117	0.0692	0.0591	0.0006
09:56:53	82.30	3.37	325.76	100.12	67.16	75.13	986.44	12.5855	13.1545	0.1131	0.0123	0.0730	0.0623	0.0007
09:56:54	82.30	3.37	325.76	100.12	67.16	75.13	986.44	12.7448	13.3265	0.1131	0.0129	0.0769	0.0655	0.0007
09:56:55	82.30	3.37	325.76	102.56	69.60	75.13	742.88	12.9041	13.4987	2.4878	0.0135	0.0809	0.1372	0.0014
09:56:56	79.24	3.40	367.77	101.34	68.38	74.64	946.27	13.0634	13.6696	4.0709	0.0141	0.0849	0.2553	0.0025
09:56:57	79.24	3.40	367.28	102.56	69.60	74.88	1134.92	13.0634	13.6696	4.0709	0.0147	0.0889	0.3735	0.0036
09:56:58	79.12	3.41	367.28	117.22	75.70	74.88	1300.17	13.3820	14.0030	3.0532	0.0153	0.0930	0.4621	0.0045
09:56:59	79.12	3.42	367.28	146.52	84.25	74.88	1423.73	13.2227	13.8406	4.0709	0.0159	0.0976	0.5810	0.0056
09:57:00	79.24	3.45	367.77	319.90	147.74	74.88	1915.93	13.3820	14.0073	5.6540	0.0165	0.1022	0.7463	0.0072
09:57:01	79.12	3.45	367.77	842.49	250.31	74.64	1912.37	15.2938	16.0109	7.1241	0.0172	0.1075	0.9552	0.0092
09:57:02	79.12	3.45	367.77	842.49	250.31	74.64	1912.37	19.1172	20.0167	8.2549	0.0181	0.1141	1.1980	0.0115
09:57:03	79.24	3.45	367.77	1228.33	405.37	74.64	1823.90	41.7393	43.7213	12.0997	0.0200	0.1286	1.5573	0.0148
09:57:04	79.24	3.45	367.28	1576.31	565.32	74.88	1885.42	109.9240	115.1439	14.0220	0.0250	0.1667	1.9736	0.0187
09:57:05	79.24	3.45	371.67	1776.56	693.53	74.88	1925.59	109.9240	115.1439	14.0220	0.0300	0.2047	2.3900	0.0226
09:57:06	86.20	3.47	371.18	2047.62	884.00	74.88	1964.24	160.2660	167.8766	15.8313	0.0373	0.2603	2.8600	0.0270
09:57:07	86.20	3.47	371.18	2158.73	986.57	74.88	1982.04	205.6693	215.4360	17.5275	0.0466	0.3314	3.3804	0.0319
09:57:08	86.20	3.47	371.67	1973.14	947.50	74.88	1631.19	231.7961	242.8035	18.7714	0.0571	0.4126	3.9378	0.0371
09:57:09	86.20	3.47	371.67	1836.39	884.47	74.88	1699.32	267.1631	279.9262	20.3545	0.0703	0.5060	4.5455	0.0428
09:57:10	86.20	3.49	371.67	1822.95	846.15	75.13	1763.90	281.6603	295.1160	21.3723	0.0843	0.6045	5.1837	0.0487
09:57:11	86.20	3.48	371.67	1926.74	882.78	75.13	1857.97	257.4450	269.7439	24.4255	0.0970	0.6947	5.9130	0.0555
09:57:12	86.20	3.49	371.18	2039.07	941.39	75.13	1915.42	239.6023	251.0488	25.4432	0.1089	0.7786	6.6727	0.0625
09:57:13	86.20	3.49	371.67	2161.17	1006.10	75.37	1996.78	237.8499	249.2644	26.3478	0.1206	0.8619	7.4630	0.0699
09:57:14	86.20	3.49	375.58	2291.82	1068.38	75.37	1632.71	251.3913	263.4146	27.8179	0.1330	0.9500	8.2946	0.0776
09:57:15	108.18	3.49	375.58	2035.41	963.37	75.37	1443.05	266.0479	278.8156	28.6095	0.1462	1.0431	9.1527	0.0855
09:57:16	108.18	3.50	375.09	1699.63	824.18	75.37	1486.27	281.9789	295.5112	29.9664	0.1602	1.1418	10.0515	0.0939
09:57:17	108.18	3.52	375.58	1439.56	703.30	75.37	1521.87	299.0251	313.3754	30.8711	0.1749	1.2477	10.9774	0.1024
09:57:18	108.18	3.55	375.58	1378.51	659.34	75.37	1553.90	265.5699	278.3259	31.4365	0.1914	1.3417	11.9203	0.1112
09:57:19	108.18	3.57	375.58	1395.60	623.93	75.37	1603.73	221.7596	232.4475	32.1150	0.2052	1.4201	12.8868	0.1201
09:57:20	108.18	3.60	375.58	1445.67	606.84	75.37	1636.27	187.8266	196.9404	33.2458	0.2169	1.4866	13.8940	0.1293
09:57:21	108.18	3.67	375.58	1499.39	612.94	75.37	1681.53	179.8611	188.6569	33.9243	0.2280	1.5503	14.9297	0.1387
09:57:22	108.18	3.72	375.58	1610.50	649.57	75.37	1712.04	182.0914	191.0459	35.0551	0.2394	1.6149	16.0059	0.1485
09:57:23	108.18	3.76	375.58	1670.33	664.22	75.37	1742.54	188.6231	197.9913	35.8466	0.2511	1.6818	17.1172	0.1584
09:57:24	108.18	3.89	513.80	1759.46	666.67	75.13	1784.24	195.6328	205.5303	36.7513	0.2633	1.7512	18.2775	0.1686
09:57:25	203.30	3.96	514.29	1813.19	689.87	74.88	1812.20	210.1300	220.8984	37.4298	0.2763	1.8258	19.4743	0.1790
09:57:26	203.42	4.07	514.29	1885.22	721.61	74.88	1839.66	217.9362	229.2473	37.9952	0.2899	1.9032	20.7045	0.1896
09:57:27	203.30	4.22	513.80	1990.23	717.95	74.64	1879.83	229.5658	241.8690	39.0129	0.3042	2.0150	22.0083	0.2004
09:57:28	203.30	4.33	514.29	2083.03	738.71	74.64	1905.26	236.5754	249.5305	39.5783	0.3320	2.1304	23.3549	0.2114

1 K1	1	unitless	for flow calc	
2 K2	1	unitless	for NOx calc (expl deriv.)	K2=1/(1-0.0047*(H-75))
3 CO density	32.85	gm/ft^3	T=70 F, P=760 mmHG	H=grains of water/lbm dry air
4 NOx density	53.96	gm/ft^3	T=70 F, P=760 mmHG	
5 Rhc	1.8	unitless	Diesel #2	
6 Ywi	0.03	unitless	for humidity comp. (from chart)	
7 gear ratio	3.58	unitless		
8 axle rev	16	pulses		
9 tire	114	inches		
10 interval	1	seconds		
11 CO2 density	51.61	gm/ft^3	T=70 F, P=760 mmHG	
12 FF1	0.5			
13 FF2	0			

09:57:29	203.30	4.50	514.29	2186.81	824.18	74.40	1945.42	245.9747	259.8482	40.1437	0.3610	2.2506	24.7612	0.2226
09:57:30	203.30	4.61	514.29	2242.98	873.02	74.40	1960.68	259.6754	274.8476	41.1614	0.3915	2.3776	26.2544	0.2340
09:57:31	203.30	4.71	514.29	2124.54	857.14	74.40	1452.71	271.7831	288.1097	41.7268	0.4236	2.5108	27.8100	0.2456
09:57:32	203.30	4.71	514.29	2124.54	857.14	74.40	1452.71	285.3244	303.1380	42.4053	0.4574	2.6510	29.4522	0.2574
09:57:33	203.30	4.88	514.29	1609.28	717.95	74.40	1460.34	292.6527	311.3580	43.0838	0.4920	2.7950	31.1598	0.2694
09:57:34	203.30	5.09	514.29	1337.00	616.61	74.40	1492.37	277.1996	295.3138	43.6492	0.5249	2.9316	32.9278	0.2815
09:57:35	292.19	5.25	653.48	1299.15	586.08	74.40	1517.29	277.1996	295.3138	43.6492	0.5577	3.0682	34.6959	0.2936
09:57:36	292.19	5.35	653.97	1315.02	576.31	74.40	1533.05	209.9707	224.1889	44.2146	0.5827	3.1719	36.5508	0.3059
09:57:37	292.19	5.49	653.48	1323.56	597.07	74.40	1556.44	174.4445	186.7866	45.0062	0.6035	3.2583	38.5219	0.3184
09:57:38	292.31	5.59	653.97	1371.18	659.34	74.64	1570.68	169.5059	181.9029	45.7978	0.6326	3.3652	40.5893	0.3311
09:57:39	292.19	5.59	653.97	1371.18	659.34	74.64	1570.68	171.5770	184.3818	46.3631	0.6621	3.4736	42.7243	0.3440
09:57:40	292.19	5.68	653.48	1426.13	715.51	74.64	1584.92	172.6921	185.9247	46.9286	0.6918	3.5829	44.9420	0.3570
09:57:41	292.19	5.92	653.97	1528.25	713.08	74.64	1622.54	178.9052	192.8620	47.4940	0.7227	3.6963	47.2263	0.3702
09:57:42	292.31	6.03	653.48	1568.99	724.05	74.88	1636.27	178.9052	192.8620	47.4940	0.7535	3.8098	49.5107	0.3834
09:57:43	292.19	6.20	653.48	1619.05	747.25	75.13	1656.61	186.0742	200.8278	47.9463	0.7857	3.9278	51.8538	0.3967
09:57:44	292.31	6.28	653.48	1649.57	749.69	74.88	1671.36	199.1376	215.6025	49.0771	0.8202	4.0546	54.3527	0.4104
09:57:45	405.74	6.43	956.29	1666.67	747.25	75.13	1689.15	204.7134	221.9586	49.3033	0.8557	4.1850	56.9095	0.4241
09:57:46	405.74	6.53	956.29	1686.20	742.37	75.13	1697.29	211.2452	229.5470	50.0948	0.8924	4.3200	59.5798	0.4380
09:57:47	405.74	6.53	956.29	1686.20	742.37	75.13	1697.29	215.2279	234.1272	50.4341	0.9299	4.4575	62.3036	0.4520
09:57:48	405.74	6.73	956.29	1532.36	636.14	75.13	1702.88	217.4582	237.0644	50.9995	0.9825	4.6614	65.1231	0.4661
09:57:49	405.62	6.81	956.78	1421.24	595.85	75.13	1699.83	220.0072	240.1634	51.2256	1.0359	4.8680	67.9999	0.4804
09:57:50	405.62	6.81	956.78	1421.24	595.85	75.13	1699.83	220.0072	240.1634	51.2256	1.0892	5.0745	70.8766	0.4946
09:57:51	405.74	6.93	956.29	1112.33	521.37	75.37	1711.53	199.9341	218.8227	51.4518	1.1378	5.2627	73.8542	0.5089
09:57:52	405.74	6.98	956.29	1120.88	539.68	75.37	1732.88	185.4369	203.1640	51.3387	1.1830	5.4375	76.8597	0.5232
09:57:53	405.74	7.04	956.29	1306.47	577.53	75.37	1736.95	185.4369	203.1640	51.3387	1.2281	5.6123	79.8652	0.5374
09:57:54	405.74	7.06	956.29	1307.69	553.11	75.37	1732.37	145.1315	159.2746	51.6780	1.2635	5.7493	82.9479	0.5518
09:57:55	486.94	7.12	1259.58	1234.43	525.03	75.37	1744.58	146.2467	160.5888	52.3564	1.2991	5.8874	86.0904	0.5663
09:57:56	486.94	7.12	1259.58	1234.43	525.03	75.37	1744.58	170.4618	187.3321	52.4695	1.3408	6.0485	89.2678	0.5809
09:57:57	486.81	7.14	1259.58	1168.50	504.27	75.13	1746.61	170.6211	187.5456	52.3564	1.3824	6.2098	92.4455	0.5954
09:57:58	487.06	7.23	1259.58	1084.25	426.13	75.13	1740.51	161.0625	177.2101	52.5826	1.4297	6.4106	95.6651	0.6100
09:57:59	486.94	7.27	1259.58	991.45	420.02	74.88	1742.54	161.0625	177.2101	52.5826	1.4769	6.6113	98.8847	0.6246
09:58:00	486.94	7.31	1259.10	949.94	434.68	74.88	1752.20	152.4598	167.7964	52.6957	1.5216	6.8014	102.1219	0.6393
09:58:01	488.81	7.36	1259.10	920.63	451.77	75.13	1760.34	141.4674	155.8816	52.4695	1.5632	6.9780	105.3857	0.6539
09:58:02	486.94	7.39	1259.10	934.07	461.54	74.88	1764.92	129.3598	142.6206	52.6957	1.6012	7.1395	108.6831	0.6685
09:58:03	486.94	7.42	1259.10	938.95	429.79	74.88	1749.66	123.9433	136.7117	52.8088	1.6377	7.2943	112.0034	0.6832
09:58:04	486.94	7.44	1259.10	893.77	402.93	74.88	1755.26	120.1198	132.5892	53.1480	1.6730	7.4445	115.3702	0.6979
09:58:05	486.94	7.44	1259.10	893.77	402.93	74.88	1755.26	121.8723	134.5649	53.3742	1.7089	7.5968	118.7620	0.7128
09:58:06	499.51	7.50	1340.17	904.76	408.59	74.88	1773.05	122.5095	135.3307	52.8088	1.7450	7.7501	122.1338	0.7274
09:58:07	499.51	7.50	1340.17	971.92	429.79	74.88	1775.59	116.6150	128.8523	53.0349	1.7793	7.8960	125.5290	0.7422
09:58:08	499.39	7.54	1339.19	1035.41	466.42	75.13	1781.19	116.6150	128.8523	53.0349	1.8137	8.0419	128.9241	0.7569
09:58:09	499.51	7.54	1339.68	1065.93	490.84	75.13	1779.15	118.0488	130.5462	53.6003	1.8494	8.1992	132.3843	0.7718
09:58:10	499.39	7.54	1339.19	1078.14	509.16	75.37	1784.24	126.8109	140.2359	53.6003	1.8877	8.3683	135.8445	0.7867
09:58:11	499.51	7.54	1339.19	1100.12	529.91	75.37	1785.76	135.0950	149.4734	53.8265	1.9286	8.5483	139.3373	0.8016
09:58:12	499.51	7.54	1339.68	1107.45	536.02	75.37	1790.34	139.0777	153.8800	53.7134	1.9707	8.7337	142.8228	0.8165
09:58:13	499.51	7.54	1339.19	1128.20	544.57	75.37	1794.41	140.6708	155.6427	53.9396	2.0132	8.9211	146.3230	0.8315
09:58:14	499.51	7.52	1420.76	1169.72	544.57	75.37	1803.05	143.5384	158.8155	53.8265	2.0567	9.1124	149.8159	0.8465
09:58:15	499.51	7.50	1421.24	1191.70	517.70	75.37	1808.14	144.4943	159.8731	54.1657	2.1004	9.3050	153.3308	0.8615
09:58:16	499.51	7.47	1421.24	1217.34	492.06	75.61	1810.68	147.2025	162.8696	54.1657	2.1449	9.5012	156.8456	0.8766
09:58:17	499.51	7.44	1421.24	1227.11	493.28	75.61	1816.27	152.6191	168.8108	54.3919	2.1911	9.7169	160.3642	0.8917
09:58:18	499.51	7.39	1421.24	1251.53	510.38	75.61	1816.27	155.4867	171.9475	54.7311	2.2381	9.9367	163.8974	0.9069
09:58:19	499.51	7.36	1421.24	1219.78	529.91	75.61	1817.29	158.8322	175.5754	54.7311	2.2861	10.1611	167.4158	0.9221
09:58:20	499.51	7.36	1421.24	1219.78	529.91	75.61	1817.29	160.1066	176.9028	54.8442	2.3345	10.3872	170.9250	0.9373
09:58:21	499.51	7.30	1420.76	1216.12	531.14	75.85	1817.29	163.2929	180.3034	54.9573	2.3838	10.6176	174.4174	0.9526
09:58:22	499.51	7.19	1420.76	1208.79	527.47	75.85	1825.93	159.1508	175.6580	54.8442	2.4319	10.8422	177.8879	0.9678
09:58:23	499.51	7.14	1421.24	1212.45	527.47	75.85	1828.48	159.1508	175.6580	54.8442	2.4799	11.0667	181.3583	0.9830
09:58:24	499.51	7.07	1140.90	1205.13	520.15	76.10	1832.03	158.6729	174.9962	54.9573	2.5278	11.2903	184.8083	0.9983
09:58:25	499.51	7.00	1140.90	1199.02	517.70	75.85	1835.59	157.7170	173.6931	55.1835	2.5753	11.5122	188.2205	1.0136
09:58:26	499.39	6.92	1140.42	1203.91	517.70	76.10	1842.71	158.1949	174.1036	55.1835	2.6229	11.7348	191.6087	1.0290
09:58:27	499.51	6.86	1140.42	1225.89	520.15	75.85	1845.76	157.2391	172.8923	55.4096	2.6702	11.9122	194.9772	1.0444
09:58:28	499.51	6.81	1140.90	1241.76	505.49	75.85	1845.76	156.4425	171.8580	55.4096	2.7172	12.0885	198.3122	1.0598
09:58:29	499.51	6.76	1140.90	1241.76	505.49	75.85	1845.76	157.0798	172.3902	55.5227	2.7643	12.2653	201.6187	1.0752
09:58:30	499.39	6.66	1140.90	1245.42	466.42	75.61	1851.87	159.9473	175.4025	55.7489	2.8123	12.4452	204.9104	1.0907
09:58:31	499.39	6.63	1141.39	1245.42	465.20	75.61	1856.44	162.0184	177.5554	55.8620	2.8608	12.6274	208.1845	1.1062
09:58:32	499.39	6.54	1140.90	1280.83	508.72	75.37	1861.02	162.0184	177.4280	55.8620	2.9093	12.8094	211.4323	1.1217
09:58:33	499.51	6.47	1140.90	1283.27	503.05	75.37	1864.07	162.4963	177.7235	55.8620	2.9579	12.9918	214.6332	1.1372
09:58:34	499.51	6.42	860.07	1289.38	511.60	75.37	1866.10	162.4963	177.6415	56.0881	3.0065	13.1741	217.8301	1.1528
09:58:35	499.51	6.35	860.07	1302.81	553.11	75.37	1867.12	167.1163	182.4861	56.3143	3.0564	13.3614	220.9983	1.1684

09:58:36	499.39	6.30	860.07	1263.27	586.08	75.37	1865.09	167.4349	182.6747	56.2012	3.1064	13.5488	224.1280	1.1841
09:58:37	499.39	6.23	860.07	1201.46	538.46	75.13	1862.54	168.2315	183.4026	56.4273	3.1565	13.6907	227.2419	1.1997
09:58:38	499.51	6.19	860.07	1168.50	509.16	75.37	1864.07	169.9839	185.1609	56.5404	3.2071	13.8339	230.3317	1.2154
09:58:39	499.39	6.13	860.07	1164.83	536.02	75.61	1866.61	167.4349	182.2533	56.4273	3.2570	13.9748	233.3887	1.2311
09:58:40	499.39	6.10	860.07	1170.94	549.45	75.61	1867.63	156.7611	170.4860	56.0881	3.3036	14.1067	236.3954	1.2467
09:58:41	499.39	6.04	860.56	1195.36	559.22	75.61	1869.66	152.4598	165.7145	56.3143	3.3489	14.2349	239.3933	1.2623
09:58:42	499.39	6.01	860.07	1173.38	526.25	75.61	1872.20	151.9818	165.0592	56.4273	3.3940	14.3626	242.3670	1.2780
09:58:43	499.51	6.00	860.07	1161.17	485.96	75.37	1874.75	152.7784	165.8646	56.3143	3.4394	14.4909	245.3214	1.2936
09:58:44	499.51	5.95	860.07	1178.27	472.53	75.37	1874.75	155.9646	169.1846	56.5404	3.4856	14.6218	248.2574	1.3094
09:58:45	468.01	5.92	764.84	1186.81	460.32	75.37	1861.53	153.0970	166.0228	56.5404	3.5310	14.7502	251.1819	1.3251
09:58:46	468.01	5.86	764.84	1126.98	445.67	75.37	1863.56	151.5039	164.2614	56.6535	3.5760	14.8773	254.1047	1.3408
09:58:47	468.01	5.82	764.84	1072.04	443.22	75.37	1869.15	153.7343	166.5768	56.7666	3.6215	15.0061	257.0104	1.3566
09:58:48	468.01	5.81	764.84	1068.38	456.65	75.61	1869.15	154.8494	167.7065	56.0881	3.6645	15.1215	259.8663	1.3721
09:58:49	468.01	5.78	764.84	1100.12	472.53	75.61	1870.68	147.0432	159.1375	56.2012	3.7053	15.2309	262.7016	1.3878
09:58:50	468.01	5.76	764.84	1122.10	490.84	75.61	1872.20	139.8743	151.2933	56.3143	3.7440	15.3350	265.5217	1.4034
09:58:51	468.01	5.76	764.84	1147.74	506.72	75.61	1874.24	139.3964	150.7531	56.6535	3.7827	15.4387	268.3532	1.4191
09:58:52	468.01	5.73	764.84	1173.38	516.48	75.61	1877.80	143.5384	155.1688	56.4273	3.8224	15.5454	271.1581	1.4348
09:58:53	467.89	5.73	764.84	1173.38	516.48	75.61	1871.19	146.4060	158.2361	56.6535	3.8630	15.6543	273.9668	1.4505
09:58:54	468.01	5.69	764.84	1131.87	492.06	75.61	1872.20	149.7515	161.8520	56.7666	3.9044	15.7656	276.7810	1.4663
09:58:55	387.91	5.67	667.64	1113.55	470.09	75.61	1875.76	153.0970	165.3912	56.7666	3.9468	15.8794	279.5780	1.4821
09:58:56	387.91	5.67	667.64	1123.32	482.30	75.61	1873.22	153.0970	165.3912	56.5404	3.9892	15.9931	282.3639	1.4978
09:58:57	387.91	5.65	667.64	1157.51	485.96	75.61	1874.75	147.6805	159.4659	56.6535	4.0301	16.1028	285.1383	1.5135
09:58:58	387.91	5.65	668.13	1147.74	450.55	75.61	1876.27	145.2908	156.8221	56.6535	4.0634	16.1970	287.9031	1.5293
09:58:59	388.03	5.63	668.13	1118.44	424.91	75.61	1874.75	146.5653	158.1978	56.5404	4.0970	16.2920	290.6624	1.5450
09:59:00	387.91	5.61	668.13	1097.68	420.02	75.37	1873.22	151.0260	162.9622	56.6535	4.1316	16.3898	293.4158	1.5607
09:59:01	388.03	5.61	668.13	1087.91	426.13	75.61	1873.22	149.7515	161.5869	56.5404	4.1659	16.4869	296.1638	1.5764
09:59:02	387.91	5.60	667.64	1102.56	442.00	75.37	1874.75	145.9281	157.4289	56.6535	4.1993	16.5815	298.9096	1.5921
09:59:03	387.91	5.58	667.64	1119.66	451.77	75.37	1875.76	143.2198	154.4595	56.5404	4.2321	16.6743	301.6385	1.6079
09:59:04	388.03	5.56	668.13	1109.89	448.11	75.61	1873.73	141.9453	153.0850	56.6535	4.2647	16.7663	304.3729	1.6236
09:59:05	388.03	5.56	668.13	1109.89	448.11	75.61	1873.73	143.8570	155.1148	56.5404	4.2976	16.8594	307.0942	1.6393
09:59:06	308.42	5.54	631.50	1084.25	449.33	75.37	1873.73	146.0874	157.4872	56.6535	4.3310	16.9540	309.8134	1.6550
09:59:07	308.30	5.54	631.99	1081.81	446.89	75.61	1875.26	144.8129	156.0732	56.6535	4.3642	17.0478	312.5231	1.6708
09:59:08	308.42	5.48	631.99	1144.08	523.81	75.85	1875.26	144.8129	156.0732	56.6535	4.3974	17.1415	315.2327	1.6865
09:59:09	308.42	5.47	631.99	1141.64	532.36	75.85	1866.10	141.4674	152.4139	56.5404	4.4231	17.2281	317.9294	1.7022
09:59:10	308.42	5.47	632.48	1106.23	523.81	75.85	1862.04	141.1488	152.0706	56.6535	4.4488	17.3145	320.6314	1.7179
09:59:11	308.42	5.43	631.50	1062.27	488.40	76.10	1869.15	149.2736	160.6834	56.7666	4.4759	17.4059	323.3064	1.7337
09:59:12	308.42	5.42	631.99	1063.49	485.96	75.85	1871.19	148.9550	160.3156	56.2012	4.5030	17.4970	325.9492	1.7493
09:59:13	308.42	5.42	631.99	1063.49	485.96	75.85	1871.19	144.3350	155.3433	56.2012	4.5292	17.5853	328.5919	1.7649
09:59:14	308.30	5.39	631.99	1080.59	465.20	75.85	1872.20	138.5998	149.1016	56.5404	4.5544	17.6700	331.2334	1.7806
09:59:15	308.42	5.39	594.87	1079.36	455.43	75.85	1874.24	138.7591	149.2422	56.5404	4.5796	17.7549	333.8674	1.7964
09:59:16	248.96	5.36	593.90	1113.55	515.26	76.10	1872.20	138.7591	149.2422	56.5404	4.6048	17.8397	336.5014	1.8121
09:59:17	248.96	5.33	593.90	1131.87	540.90	76.34	1874.75	140.9895	151.5863	56.5404	4.6304	17.9258	339.1221	1.8278
09:59:18	248.96	5.33	593.90	1131.87	540.90	76.34	1874.75	140.8301	151.4151	56.6535	4.6559	18.0068	341.7480	1.8435
09:59:19	248.84	5.31	593.90	1158.73	556.78	76.34	1876.27	145.2908	156.1296	56.5404	4.6772	18.0902	344.3535	1.8592
09:59:20	248.84	5.31	594.38	1180.71	555.56	76.58	1876.27	147.6805	158.6403	56.7666	4.6988	18.1750	346.9561	1.8750
09:59:21	248.84	5.29	594.38	1188.03	545.79	76.58	1875.26	147.6805	158.6403	56.7666	4.7205	18.2597	349.5587	1.8907
09:59:22	248.84	5.27	593.90	1177.05	515.26	76.58	1875.26	151.1853	162.3717	56.7666	4.7426	18.3464	352.1536	1.9065
09:59:23	248.84	5.24	593.90	1155.07	465.20	76.34	1875.26	154.0529	165.4515	56.6535	4.7651	18.4349	354.7434	1.9222
09:59:24	248.96	5.21	566.54	1074.48	410.26	76.10	1874.24	155.0087	166.4180	56.7666	4.7878	18.5238	357.3250	1.9380
09:59:25	248.84	5.21	566.06	1059.83	428.57	76.10	1876.27	153.5750	164.8362	56.6535	4.8103	18.6119	359.8919	1.9538
09:59:26	198.41	5.19	566.06	1061.05	451.77	76.34	1876.27	150.7074	161.7000	56.6535	4.8323	18.6982	362.4455	1.9695
09:59:27	198.41	5.17	566.06	1112.33	477.41	76.34	1876.27	140.1929	150.3644	56.6535	4.8528	18.7748	364.9858	1.9852
09:59:28	198.41	5.17	566.06	1119.66	503.05	76.58	1877.29	138.2812	148.3139	56.6535	4.8730	18.8503	367.5262	2.0010
09:59:29	198.41	5.15	566.54	1126.98	500.61	76.58	1874.75	138.4405	148.4251	56.6535	4.8891	18.9259	370.0550	2.0167
09:59:30	198.41	5.15	566.06	1090.35	488.40	76.58	1876.27	145.1315	155.5586	56.6535	4.9060	19.0051	372.5744	2.0324
09:59:31	198.41	5.13	566.06	1063.49	458.65	76.34	1876.27	146.0874	156.5831	56.6535	4.9230	19.0848	375.0938	2.0482
09:59:32	198.41	5.13	566.54	1050.06	448.11	76.34	1877.29	147.0432	157.5589	56.6535	4.9401	19.1651	377.6017	2.0639
09:59:33	198.41	5.10	566.54	1054.94	438.34	76.34	1877.29	142.2639	152.4378	56.6535	4.9567	19.2427	380.1097	2.0797
09:59:34	198.41	5.09	538.22	1067.16	412.70	76.34	1876.27	138.7591	148.6517	56.6535	4.9728	19.3184	382.6100	2.0954
09:59:35	177.29	5.06	538.22	1052.50	384.62	76.10	1873.22	137.0066	146.7742	56.6535	4.9888	19.3931	385.1104	2.1111
09:59:36	177.29	5.05	538.22	997.56	371.18	75.85	1871.19	137.6439	147.4038	56.7666	5.0048	19.4682	387.6024	2.1269
09:59:37	177.29	5.05	538.22	997.56	371.18	75.85	1871.19	139.2371	149.0791	56.7666	5.0210	19.5404	390.0867	2.1427
09:59:38	177.29	5.04	537.73	956.04	369.96	75.85	1872.20	137.3253	146.9810	56.6535	5.0353	19.6115	392.5547	2.1584
09:59:39	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	130.1564	139.2865	56.6535	5.0488	19.6790	395.0170	2.1741
09:59:40	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	130.1564	139.2865	56.6535	5.0623	19.7464	397.4793	2.1899
09:59:41	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	124.7398	133.4624	56.5404	5.0753	19.8109	399.9290	2.2056
09:59:42	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	123.1467	131.7579	56.4273	5.0881	19.8746	402.3739	2.2213

09:59:43	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	123.1467	131.7579	56.4273	5.1008	19.9384	404.8188	2.2369
09:59:44	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	123.1467	131.7579	56.4273	5.1136	20.0021	407.2637	2.2526
09:59:45	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	123.1467	131.7579	56.4273	5.1264	20.0658	409.7085	2.2683
09:59:46	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	123.1467	131.7579	56.4273	5.1392	20.1295	412.1534	2.2840
09:59:47	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	123.1467	131.7579	56.4273	5.1520	20.1932	414.5983	2.2996
09:59:48	177.29	5.04	537.73	943.83	379.73	75.85	1872.20	123.1467	131.7579	56.4273	5.1648	20.2570	417.0432	2.3153
09:59:49	168.25	4.97	525.52	1141.64	532.36	75.85	1875.76	123.1467	131.7579	56.4273	5.1776	20.3207	419.4880	2.3310
09:59:50	168.25	4.97	526.50	1168.06	532.36	75.85	1875.76	123.1467	131.7579	56.4273	5.1904	20.3844	421.9329	2.3466
09:59:51	168.25	4.97	526.01	1151.40	551.89	75.85	1875.76	123.1467	131.7579	56.4273	5.2032	20.4481	424.3778	2.3623
09:59:52	168.38	4.97	526.01	1146.52	567.77	76.10	1874.75	148.9550	159.2284	56.5404	5.2178	20.5234	426.7953	2.3780
09:59:53	168.25	4.97	526.01	1164.83	566.54	76.10	1876.27	152.1412	162.6344	56.5404	5.2328	20.6004	429.2128	2.3937
09:59:54	168.25	4.97	526.01	1164.83	566.54	76.10	1876.27	150.2294	160.5908	56.7666	5.2476	20.6763	431.6399	2.4095
09:59:55	168.38	4.97	516.24	1160.71	558.00	76.10	1874.24	149.5922	159.9097	56.6535	5.2623	20.7520	434.0622	2.4252
09:59:56	148.35	4.97	516.24	1122.10	507.94	76.10	1874.24	151.9818	162.4641	56.6535	5.2773	20.8288	436.4846	2.4410
09:59:57	148.35	4.97	516.24	1092.80	484.74	76.10	1873.22	151.9818	162.4641	56.6535	5.2923	20.9057	438.9069	2.4567
09:59:58	148.35	4.96	516.24	1137.97	498.17	76.10	1873.22	154.0529	164.6780	56.6535	5.3075	20.9821	441.3292	2.4725
09:59:59	148.35	4.96	516.24	1137.97	498.17	76.10	1874.24	146.4060	156.4980	56.6535	5.3202	21.0548	443.7515	2.4882
10:00:00	148.35	4.97	516.24	1161.93	488.40	76.10	1873.22	142.5826	152.4110	56.6535	5.3325	21.1256	446.1739	2.5039
10:00:01	148.35	4.96	516.24	1156.29	471.31	76.10	1871.70	148.4770	158.6790	56.5404	5.3454	21.1992	448.5838	2.5196
10:00:02	148.35	4.96	516.24	1089.13	437.12	75.85	1871.70	148.4770	158.6790	56.5404	5.3583	21.2729	450.9937	2.5353
10:00:03	148.35	4.94	516.24	1002.44	400.49	75.85	1871.70	154.2122	164.8337	56.5404	5.3717	21.3494	453.4092	2.5510
10:00:04	148.35	4.94	516.24	987.79	380.95	75.61	1871.70	150.8667	161.2328	56.5404	5.3848	21.4243	455.8191	2.5667
10:00:05	136.39	4.94	511.84	970.70	404.15	75.85	1873.22	142.1046	151.8687	56.6535	5.3971	21.4948	458.2339	2.5825
10:00:06	136.39	4.96	511.84	970.70	404.15	75.85	1873.22	130.7936	139.7589	56.5404	5.4085	21.5597	460.6381	2.5982
10:00:07	136.39	4.96	511.84	1014.65	452.99	75.85	1873.22	128.8819	137.7161	56.7666	5.4197	21.6236	463.0519	2.6140
10:00:08	136.39	4.93	511.84	1054.94	479.85	75.85	1873.22	126.6516	135.3299	56.6535	5.4298	21.6859	465.4609	2.6297
10:00:09	136.51	4.95	512.33	1086.69	483.52	75.85	1873.22	126.6516	135.3509	56.6535	5.4399	21.7482	467.8756	2.6454
10:00:10	136.51	4.92	512.33	1081.81	460.32	75.61	1875.76	132.3867	141.4800	56.5404	5.4505	21.8133	470.2855	2.6611
10:00:11	136.39	4.92	512.33	1038.63	431.01	75.61	1875.76	137.6439	147.0528	56.5404	5.4614	21.8810	472.6840	2.6768
10:00:12	136.39	4.93	512.33	1039.07	423.69	75.61	1875.76	141.7860	151.5093	56.7666	5.4728	21.9508	475.0997	2.6926
10:00:13	136.51	4.93	511.84	1012.21	405.37	75.61	1876.78	141.1488	150.7739	56.6535	5.4840	22.0203	477.4973	2.7083
10:00:14	136.51	4.93	511.84	1012.21	405.37	75.61	1876.78	135.2543	144.4774	56.6535	5.4948	22.0869	479.8949	2.7241
10:00:15	136.51	4.92	511.84	1028.08	442.00	75.61	1876.78	135.5729	144.8402	56.6535	5.5056	22.1536	482.2982	2.7398
10:00:16	138.34	4.92	505.98	1072.04	487.18	75.61	1873.73	132.0681	141.0958	56.6535	5.5162	22.2186	484.7015	2.7556
10:00:17	138.34	4.92	506.47	1036.63	468.86	75.61	1873.73	132.0681	141.0958	56.6535	5.5267	22.2835	487.1048	2.7713
10:00:18	138.46	4.90	505.98	1025.64	476.19	75.61	1872.71	134.1390	143.2787	56.7666	5.5374	22.3495	489.5052	2.7871
10:00:19	138.34	4.89	505.98	1052.50	483.52	75.61	1873.73	139.8743	149.4053	56.5404	5.5487	22.4175	491.8961	2.8028
10:00:20	138.34	4.90	506.47	1078.14	476.19	75.61	1872.20	135.2543	144.4705	56.6535	5.5597	22.4833	494.2918	2.8185
10:00:21	138.34	4.90	505.98	1126.98	505.49	75.85	1872.71	133.8204	142.9167	56.5404	5.5705	22.5483	496.6770	2.8342
10:00:22	138.46	4.88	505.98	1126.98	505.49	75.85	1872.71	137.3253	146.6296	56.5404	5.5816	22.6150	499.0546	2.8499
10:00:23	138.46	4.88	506.47	1119.66	516.48	75.85	1872.71	140.6708	150.2251	56.5404	5.5930	22.6834	501.4379	2.8656
10:00:24	138.34	4.88	505.98	1085.47	498.95	76.10	1872.71	147.0432	157.0303	56.4273	5.6049	22.7549	503.8165	2.8813
10:00:25	138.34	4.88	505.98	1089.13	483.52	75.85	1871.70	147.0432	156.9898	56.4273	5.6168	22.8263	506.1855	2.8970
10:00:26	125.40	4.88	500.61	1094.02	459.10	75.85	1871.70	146.0874	155.9693	56.4273	5.6286	22.8974	508.5546	2.9126
10:00:27	125.52	4.87	500.61	1092.80	456.65	75.85	1871.70	141.6267	151.2068	56.5404	5.6401	22.9662	510.9284	2.9284
10:00:28	125.52	4.87	500.61	1094.02	463.98	75.85	1871.70	142.1046	151.7171	56.5404	5.6516	23.0352	513.3022	2.9441
10:00:29	125.52	4.87	500.61	1092.80	442.00	75.85	1874.24	142.7419	152.3938	56.5404	5.6620	23.1038	515.6760	2.9598
10:00:30	125.52	4.87	500.61	1092.80	442.00	75.85	1874.24	142.5826	152.2002	56.4273	5.6725	23.1724	518.0394	2.9754
10:00:31	125.52	4.87	500.61	1081.81	426.13	75.85	1875.26	142.7419	152.3702	56.6535	5.6830	23.2410	520.4123	2.9912
10:00:32	125.52	4.84	500.12	1105.01	443.22	75.85	1875.26	142.5826	152.2002	56.5404	5.6934	23.3095	522.7804	3.0069
10:00:33	125.52	4.86	500.61	1134.31	473.75	75.85	1874.24	142.5826	152.2002	56.5404	5.7039	23.3780	525.1485	3.0226
10:00:34	125.52	4.84	500.61	1139.19	503.05	75.85	1874.24	141.1488	150.6697	56.6535	5.7142	23.4458	527.5214	3.0383
10:00:35	127.96	4.84	493.77	1138.75	526.25	75.85	1872.71	144.1757	153.8451	56.7666	5.7248	23.5150	529.8856	3.0541
10:00:36	127.96	4.84	493.77	1130.85	509.16	75.85	1871.19	147.9991	157.9576	56.6535	5.7357	23.5861	532.2527	3.0698
10:00:37	127.96	4.84	493.77	1130.85	509.16	75.85	1871.19	148.6363	158.6050	56.7666	5.7466	23.6576	534.6170	3.0856
10:00:38	127.96	4.84	494.26	1095.24	479.85	75.85	1871.19	148.3177	158.2657	56.5404	5.7576	23.7278	536.9718	3.1013
10:00:39	127.84	4.85	494.26	1051.28	439.56	75.61	1871.19	147.5212	157.4157	56.6535	5.7687	23.7977	539.3313	3.1170
10:00:40	127.84	4.85	494.26	1051.28	439.56	75.61	1871.19	147.5212	157.4157	56.6535	5.7797	23.8676	541.6909	3.1328
10:00:41	127.96	4.85	493.77	1048.84	439.56	75.61	1871.19	142.9012	152.4858	56.5404	5.7904	23.9354	544.0457	3.1485
10:00:42	127.84	4.85	493.77	1056.17	445.67	75.61	1871.19	137.1660	146.3887	56.5404	5.8006	24.0005	546.4062	3.1642
10:00:43	127.96	4.85	493.77	1056.17	445.67	75.61	1871.19	137.1660	146.3887	56.5404	5.8109	24.0656	548.7667	3.1799
10:00:44	127.96	4.86	498.17	1105.01	470.09	75.85	1871.19	136.8474	146.0486	56.6535	5.8211	24.1304	551.1320	3.1956
10:00:45	127.96	4.86	498.17	1105.01	470.09	75.85	1871.19	137.8033	147.0687	56.5404	5.8314	24.1957	553.4925	3.2113
10:00:46	127.96	4.84	498.17	1097.68	472.53	75.85	1871.19	137.8033	147.0688	56.5404	5.8417	24.2610	555.8530	3.2270
10:00:47	130.04	4.85	498.17	1081.81	448.11	75.85	1871.19	144.1757	153.8776	56.5404	5.8525	24.3300	558.2154	3.2428
10:00:48	130.04	4.84	498.17	1092.80	448.11	75.85	1871.19	144.1757	153.8776	56.5404	5.8633	24.3989	560.5778	3.2585
10:00:49	130.04	4.84	498.17	1102.56	467.64	75.61	1873.22	143.2198	152.8180	56.6535	5.8740	24.4674	562.9355	3.2742

10:00:50	130.04	4.84	498.17	1097.68	459.10	75.61	1873.22	141.1488	150.6320	56.6535	5.8847	24.5349	565.2988	3.2899
10:00:51	130.04	4.84	498.17	1097.68	459.10	75.61	1873.22	142.5826	152.1386	56.6535	5.8955	24.6030	567.6564	3.3057
10:00:52	130.04	4.84	498.17	1097.68	416.36	75.61	1874.24	143.8570	153.4985	56.6535	5.9065	24.6718	570.0141	3.3214
10:00:53	130.04	4.84	498.17	1097.68	416.36	75.61	1874.24	143.2198	152.8185	56.6535	5.9173	24.7403	572.3717	3.3371
10:00:54	130.04	4.84	498.66	1095.24	416.36	75.61	1876.27	143.2198	152.8185	56.6535	5.9282	24.8087	574.7293	3.3529
10:00:55	125.03	4.84	500.61	1087.91	439.56	75.61	1872.71	143.2198	152.8185	56.7666	5.9391	24.8772	577.0916	3.3686
10:00:56	125.03	4.84	500.61	1085.47	478.63	75.61	1874.24	143.2198	152.8185	56.7666	5.9500	24.9457	579.4540	3.3844
10:00:57	125.03	4.84	500.61	1117.22	526.25	75.85	1874.24	142.9012	152.4786	56.7666	5.9608	25.0140	581.8163	3.4002
10:00:58	125.03	4.82	500.61	1123.32	547.01	75.85	1873.22	141.9453	151.4572	56.6535	5.9712	25.0822	584.1739	3.4159
10:00:59	125.03	4.82	500.61	1123.32	547.01	75.85	1873.22	141.6267	151.1173	56.6535	5.9815	25.1503	586.5316	3.4317
10:01:00	125.03	4.82	500.61	1123.32	527.47	76.10	1874.24	145.7688	155.5369	56.7666	5.9922	25.2203	588.8939	3.4474
10:01:01	125.03	4.82	500.61	1123.32	527.47	76.10	1874.24	146.5653	156.3545	56.5404	6.0029	25.2907	591.2392	3.4631
10:01:02	125.03	4.83	500.61	1128.20	517.70	76.10	1873.22	146.5653	156.3545	56.5404	6.0136	25.3611	593.5846	3.4788
10:01:03	125.03	4.82	500.61	1045.18	444.44	75.85	1873.22	146.5653	156.3545	56.6535	6.0243	25.4315	595.9346	3.4946
10:01:04	125.03	4.83	500.61	1045.18	444.44	75.85	1873.22	146.5653	156.3545	56.6535	6.0350	25.5019	598.2846	3.5103
10:01:05	126.37	4.83	495.73	1087.91	487.18	76.10	1871.70	147.2025	157.0586	56.6535	6.0458	25.5726	600.6403	3.5261
10:01:06	126.50	4.81	495.73	1080.59	461.54	76.10	1874.24	136.3693	145.4700	56.6535	6.0557	25.6381	602.9884	3.5418
10:01:07	126.37	4.81	495.73	1080.59	461.54	76.10	1874.24	136.3693	145.4926	56.6535	6.0657	25.7036	605.3422	3.5575
10:01:08	126.37	4.80	495.73	1032.97	442.00	75.85	1873.22	141.9453	151.4420	56.6535	6.0762	25.7711	607.6961	3.5733
10:01:09	126.37	4.80	495.73	1023.20	421.25	75.61	1874.75	140.9895	150.3911	56.7666	6.0866	25.8381	610.0470	3.5890
10:01:10	126.37	4.80	496.21	1045.18	380.95	75.61	1876.78	140.9895	150.3911	56.7666	6.0970	25.9052	612.3979	3.6048
10:01:11	126.37	4.80	496.21	1067.16	388.28	75.61	1877.80	134.7764	143.7414	56.6535	6.1069	25.9693	614.7384	3.6205
10:01:12	126.37	4.80	496.21	1067.16	388.28	75.61	1877.80	133.5019	142.3822	56.7666	6.1168	26.0327	617.0835	3.6363
10:01:13	126.37	4.81	496.21	1129.43	479.85	75.85	1876.27	136.3693	145.4404	56.7666	6.1268	26.0976	619.4287	3.6521
10:01:14	126.37	4.81	496.21	1129.43	479.85	75.85	1876.27	139.2371	148.4988	56.7666	6.1371	26.1639	621.7739	3.6678
10:01:15	126.50	4.81	495.73	1153.85	525.03	75.85	1878.31	139.2371	148.4988	56.7666	6.1474	26.2302	624.1191	3.6836
10:01:16	129.43	4.81	490.35	1181.93	571.43	76.10	1878.31	147.3619	157.1884	56.6535	6.1583	26.3003	626.4653	3.6993
10:01:17	129.55	4.79	489.87	1207.57	577.53	76.10	1878.31	147.3619	157.1884	56.6535	6.1691	26.3705	628.8115	3.7151
10:01:18	129.55	4.80	489.87	1241.76	581.20	76.10	1880.85	150.5480	160.5871	56.6535	6.1803	26.4421	631.1577	3.7308
10:01:19	129.55	4.79	489.87	1213.68	508.72	75.85	1879.83	154.2122	164.4965	56.7666	6.1919	26.5146	633.5086	3.7466
10:01:20	129.55	4.79	489.87	1147.74	437.12	75.85	1881.36	157.5577	168.0044	56.6535	6.2038	26.5886	635.8415	3.7623
10:01:21	129.43	4.79	489.87	1142.86	443.22	75.85	1878.81	162.0184	172.7965	56.7666	6.2161	26.6648	638.1866	3.7781
10:01:22	129.55	4.79	489.87	1146.52	455.43	75.85	1877.80	158.3543	168.8625	56.8797	6.2281	26.7391	640.5308	3.7939
10:01:23	129.43	4.80	489.87	1136.75	476.19	75.85	1877.80	149.7515	159.6889	56.8797	6.2394	26.8095	642.8749	3.8097
10:01:24	129.43	4.80	489.87	1091.57	461.54	75.85	1877.80	149.1143	159.0093	56.7666	6.2507	26.8796	645.2143	3.8255
10:01:25	121.37	4.80	489.87	1091.57	461.54	75.85	1877.80	149.5922	159.5190	56.8797	6.2620	26.9498	647.5584	3.8413
10:01:26	121.37	4.80	493.77	1070.82	455.43	75.85	1878.81	148.3177	158.1844	56.6535	6.2732	27.0195	649.8989	3.8570
10:01:27	121.49	4.80	494.26	1065.93	449.33	75.85	1878.81	142.4232	151.8978	56.6535	6.2839	27.0864	652.2395	3.8727
10:01:28	121.37	4.80	493.77	1043.98	398.83	75.61	1878.81	142.4232	151.8956	56.6535	6.2940	27.1534	654.5800	3.8885
10:01:29	121.49	4.80	494.26	1026.86	376.07	75.61	1880.34	139.7150	149.0072	56.7666	6.3039	27.2195	656.9251	3.9042
10:01:30	121.37	4.80	493.77	1040.29	415.14	75.61	1879.32	139.0777	148.3276	56.6535	6.3138	27.2855	659.2656	3.9200
10:01:31	121.49	4.80	493.77	1073.28	449.33	75.85	1879.32	136.2102	145.2693	56.7666	6.3235	27.3500	661.6108	3.9357
10:01:32	121.49	4.80	493.77	1136.75	511.60	75.85	1880.85	133.9798	142.8906	56.8797	6.3330	27.4135	663.9606	3.9515
10:01:33	121.49	4.80	493.77	1136.75	511.60	75.85	1880.85	135.7322	144.7595	56.7666	6.3426	27.4778	666.3058	3.9673
10:01:34	121.37	4.80	493.77	1134.31	457.88	75.61	1880.34	140.0336	149.3470	56.7666	6.3525	27.5441	668.6510	3.9831
10:01:35	125.03	4.80	498.66	1100.12	407.81	75.61	1882.88	148.3177	158.1821	56.7666	6.3630	27.6143	670.9962	3.9989
10:01:36	125.03	4.80	498.66	1094.02	421.25	75.61	1881.87	148.3177	158.1821	56.7666	6.3736	27.6846	673.3413	4.0146
10:01:37	125.03	4.80	498.66	1094.02	421.25	75.61	1881.87	147.9991	157.8423	56.7666	6.3840	27.7547	675.6865	4.0304
10:01:38	125.03	4.80	498.17	1094.02	460.32	75.61	1880.34	143.5384	153.0859	56.8797	6.3945	27.8233	678.0364	4.0462
10:01:39	125.03	4.79	498.17	1079.36	483.52	75.85	1878.31	142.7419	152.2364	56.7666	6.4049	27.8916	680.3815	4.0620
10:01:40	125.03	4.79	498.17	1067.16	498.17	75.85	1877.29	142.7419	152.2364	56.7666	6.4154	27.9599	682.7267	4.0777
10:01:41	125.03	4.79	498.17	1054.94	498.17	75.85	1877.29	142.7419	152.2364	56.8797	6.4258	28.0281	685.0766	4.0935
10:01:42	125.03	4.79	498.17	1054.94	499.39	75.85	1874.75	140.8301	150.1742	56.8797	6.4361	28.0953	687.4207	4.1093
10:01:43	125.03	4.79	498.66	1056.17	507.94	75.85	1841.19	139.2371	148.4754	56.6535	6.4462	28.1619	689.7555	4.1251
10:01:44	125.03	4.79	498.17	941.39	484.74	76.10	1770.00	137.6439	146.7766	56.6535	6.4563	28.2276	692.0903	4.1408
10:01:45	124.54	4.79	492.31	731.38	407.81	76.10	1568.65	137.6439	146.7766	56.5404	6.4663	28.2934	694.4204	4.1565
10:01:46	124.42	4.79	492.80	599.51	341.88	76.10	1509.66	137.8033	146.9465	55.5227	6.4764	28.3593	696.7086	4.1719
10:01:47	124.42	4.79	492.31	495.73	285.71	76.10	1434.41	122.8281	130.9778	53.4873	6.4854	28.4180	698.9129	4.1868
10:01:48	124.42	4.79	492.80	378.51	229.55	75.85	1346.95	95.4268	101.7583	47.3809	6.4923	28.4630	700.8655	4.1999
10:01:49	124.42	4.79	492.80	378.51	229.55	75.85	1346.95	78.2213	83.4112	45.4585	6.4980	28.5000	702.7390	4.2126
10:01:50	124.42	4.78	491.82	272.28	178.27	75.85	1237.12	64.6799	68.9713	43.1969	6.5027	28.5305	704.5192	4.2246
10:01:51	124.42	4.78	492.31	231.99	144.08	75.85	1153.73	49.3861	52.6629	40.5960	6.5063	28.5539	706.1922	4.2359
10:01:52	124.42	4.78	491.82	212.45	122.10	75.85	1095.76	49.3861	52.6629	40.5960	6.5098	28.5772	707.8653	4.2471
10:01:53	124.54	4.78	492.31	185.59	101.34	75.61	1007.80	35.5262	37.8754	37.3167	6.5124	28.5940	709.3981	4.2575
10:01:54	124.54	4.76	485.96	168.50	91.58	75.61	950.34	30.2689	32.2706	34.7158	6.5146	28.6082	710.8242	4.2671
10:01:55	126.50	4.76	485.96	151.40	86.69	75.61	894.92	27.7199	29.5530	33.0196	6.5166	28.6213	712.1805	4.2763
10:01:56	126.37	4.76	485.96	129.43	76.92	75.61	812.54	24.2151	25.8164	30.4188	6.5184	28.6327	713.4301	4.2848

10:01:57	126.37	4.76	485.96	120.88	73.26	75.61	812.54	21.9848	23.4338	28.6095	6.5200	28.6430	714.6014	4.2927
10:01:58	126.37	4.77	485.96	111.11	73.26	75.61	757.12	19.7544	21.0565	27.0263	6.5215	28.6522	715.7080	4.3002
10:01:59	126.37	4.77	485.96	102.56	62.27	75.37	755.59	16.8869	17.9999	24.4255	6.5227	28.6601	716.7080	4.3070
10:02:00	126.37	4.76	485.96	98.90	59.83	75.37	762.71	15.7717	16.8112	24.4255	6.5239	28.6674	717.7081	4.3138
10:02:01	126.37	4.77	485.96	96.46	56.17	75.37	674.24	14.4972	15.4552	22.9554	6.5249	28.6742	718.6502	4.3202
10:02:02	126.50	4.76	485.96	95.24	56.17	75.37	736.78	13.3820	14.2663	18.8845	6.5259	28.6804	719.4253	4.3254
10:02:03	126.37	4.76	485.96	94.02	56.17	75.13	727.63	12.9041	13.7547	16.7360	6.5269	28.6864	720.1106	4.3301
10:02:04	126.37	4.73	449.33	92.80	54.95	75.13	710.34	12.5855	13.4171	14.7005	6.5278	28.6923	720.7139	4.3341
10:02:05	116.97	4.73	449.33	92.80	53.72	75.13	710.34	12.4262	13.2452	12.0997	6.5287	28.6981	721.2093	4.3375
10:02:06	116.97	4.69	449.82	94.02	54.95	75.13	705.76	12.2669	13.0754	9.9511	6.5296	28.7038	721.6168	4.3403
10:02:07	116.97	4.67	449.33	95.24	56.17	75.13	698.64	12.1076	12.9003	8.4811	6.5305	28.7090	721.9617	4.3426
10:02:08	116.97	4.60	449.82	96.46	56.17	75.13	692.03	12.1076	12.9001	8.4811	6.5313	28.7142	722.3067	4.3450
10:02:09	116.97	4.60	449.82	96.46	56.17	75.13	692.03	12.2669	13.0630	5.2017	6.5322	28.7195	722.5165	4.3464
10:02:10	116.97	4.54	449.33	95.24	56.17	75.13	686.44	12.4262	13.2293	3.1663	6.5330	28.7248	722.6437	4.3473
10:02:11	116.85	4.49	449.82	96.46	57.39	75.13	686.44	12.5855	13.3857	2.2616	6.5339	28.7302	722.7331	4.3479
10:02:12	116.85	4.24	449.82	98.90	63.49	75.13	684.41	12.5855	13.3857	2.2616	6.5347	28.7357	722.8225	4.3486
10:02:13	116.97	4.13	449.82	98.90	63.49	75.13	684.41	12.4262	13.2067	0.9046	6.5356	28.7410	722.8579	4.3488
10:02:14	116.97	4.13	449.82	101.34	67.16	75.37	684.41	12.5855	13.3671	0.1131	6.5364	28.7464	722.8622	4.3488
10:02:15	108.67	3.85	413.68	102.56	73.26	75.13	685.42	12.9041	13.6602	0.1131	6.5373	28.7519	722.8663	4.3489
10:02:16	108.67	3.68	413.68	102.56	69.60	75.37	685.42	12.9041	13.6397	0.1131	6.5382	28.7574	722.8704	4.3489
10:02:17	108.67	3.66	413.68	102.56	69.60	75.37	685.42	13.2227	13.9764	0.1131	6.5391	28.7631	722.8744	4.3489
10:02:18	108.67	3.56	413.68	102.56	67.16	75.37	686.95	13.3820	14.0927	0.1131	6.5399	28.7683	722.8781	4.3490
10:02:19	108.67	3.43	413.68	102.56	68.38	75.37	685.42	13.3820	14.0576	0.1131	6.5408	28.7736	722.8817	4.3490
10:02:20	108.67	3.10	413.19	102.56	75.70	75.37	687.97	13.3820	14.0576	0.1131	6.5416	28.7788	722.8852	4.3490
10:02:21	108.67	2.96	413.19	103.79	75.70	75.37	687.97	13.3820	14.0379	0.1131	6.5424	28.7840	722.8887	4.3491
10:02:22	108.67	2.96	413.19	103.79	75.70	75.37	683.90	13.3820	14.0146	0.1131	6.5433	28.7892	722.8920	4.3491
10:02:23	108.67	2.63	413.19	108.67	78.14	75.37	686.95	13.3820	13.9521	0.1131	6.5441	28.7944	722.8951	4.3491
10:02:24	108.67	2.44	267.64	105.01	72.04	75.37	684.41	13.5413	14.0933	0.1131	6.5449	28.7997	722.8979	4.3492
10:02:25	97.68	2.32	267.64	102.56	69.60	75.37	684.41	13.5413	14.0933	0.1131	6.5458	28.8049	722.9008	4.3492
10:02:26	97.68	2.21	267.15	102.56	64.71	75.37	684.41	14.1786	14.6913	0.1131	6.5466	28.8104	722.9034	4.3492
10:02:27	97.68	2.05	267.15	102.56	64.71	75.37	686.95	13.7007	14.1599	0.1131	6.5475	28.8138	722.9058	4.3492
10:02:28	97.68	1.96	267.64	101.34	62.27	75.37	685.93	13.3820	13.8072	0.1131	6.5482	28.8171	722.9080	4.3493

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