09:33:14	499.51	4.91	630.04	98.90	64.71	72.94	679.32	13.3820	14.2620	5.6540	0.7806	1.6529	56.7104	0.5189
09:33:15	499.63	4.98	630.53	98.90	64.71	72.46	675.76	13.2227	14.1098	2.9401	0.7845	1.6609	56.8316	0.5197
09:33:16	499.39	5.03	630.53	97.68	64.71	72.46	675.76	13.0634	13.9513	1.9224	0.7883	1.6688	56.9119	0.5202
09:33:17	499.51	5.07	630.53	97.68	63.49	72.46	679.32	12.9041	13.7918	1.3570	0.7921	1.6767	56.9692	0.5206
09:33:18	499.51	5.12	662.76	96.46	63.49	72.46	676.27	12.9041	13.8039	0.5654	0.7959	1.6845	56.9934	0.5207
09:33:19	499.51	5.17	662.76	96.46	63.49	72.46	677.29	12.7448	13.6434	0.1131	0.7996	1.6922	56.9983	0.5208
09:33:20	499.51	5.21	662.27	95.24	62.27	72.46	677.29	12.7448	13.6504	0.1131	0.8033	1.7000	57.0032	0.5208
09:33:21	499.51	5.25	662.76	95.24	62.27	72.22	677.29	12.5855	13.4888	0.1131	0.8070	1.7080	57.0082	0.5208
09:33:22	499.39	5.28	662.27	94.02	59.83	72.46	677.29	12.5855	13.4965	0.1131	0.8107	1.7160	57.0132	0.5209
09:33:23	499.51	5.31	662.27	94.02	57.39	72.46	677.29	12.4262	13.3325	0.0000	0.8143	1.7240	57.0132	0.5209
09:33:24	499.51	5.36	662.27	94.02	57.39	72.46	677.29	12.4262	13.3401	0.1131	0.8180	1.7319	57.0183	0.5209
09:33:25	499.51	5.38	662.27	94.02	57.39	72.70	675.25	12.2669	13.1738	0.1131	0.8216	1.7398	57.0235	0.5209
09:33:26	499.39	5.40	662.27	94.02	58.61	72.22	677.80	12.2669	13.1806	0.0000	0.8252	1.7476	57.0235	0.5209
09:33:27	499.51	5.40	662.76	95.24	58.61	72.46	677.80	12.2669	13.1887	0.1131	0.8288	1.7555	57.0287	0.5210
09:33:28	499.51	5.38	696.46	95.24	59.83	72.22	676.27	12.2669	13.1914	0.1131	0.8324	1.7633	57.0339	0.5210
09:33:29	499.39	5.36	696.46	95.24	59.83	72.46	676.27	12.2669	13.1955	0.1131	0.8360	1.7712	57.0392	0.5210
09:33:30	499.39	5.33	696.46	94.02	59.83	72.46	677.29	12.4262	13.3669	0.1131	0.8397	1.7792	57.0444	0.5211
09:33:31	499.39	5.27	696.46	94.02	58.61	72.46	677.29	12.4262	13.3635	0.1131	0.8433	1.7875	57.0497	0.5211
09:33:32	499.51	5.21	696.46	94.02	58.61	72.22	678.31	12.4262	13.3600	0.1131	0.8470	1.7959	57.0549	0.5211
09:33:33	499.51	5.12	696.46	94.02	58.61	72.46	679.32	12.2669	13.1840	0.0000	0.8506	1.8042	57.0549	0.5211
09:33:34	499.51	5.04	696.46	94.02	59.83	72.46	679.32	12.2669	13.1724	0.1131	0.8542	1.8124	57.0600	0.5211
09:33:35	499.51	4.94	696.46	95.24	59.83	72.46	679.32	12.2669	13.1629	0.1131	0.8578	1.8207	57.0651	0.5212
09:33:36	499.51	4.86	696.46	95.24	59.83	72.46	679.32	12.2669	13.1460	0.1131	0.8614	1.8289	57.0700	0.5212
09:33:37	499.51	4.76	696.46	94.02	59.83	72.46	678.31	12.2669	13.1338	0.1131	0.8650	1.8371	57.0750	0.5212
09:33:38	499.39	4.68	520.63	94.02	59.83	72.22	678.31	12.4262	13.2858	0.0000	0.8686	1.8454	57.0750	0.5212
09:33:39	499.51	4.56	520.63	95.24	58.61	72.46	680.34	12.4262	13.2714	0.1131	0.8722	1.8538	57.0797	0.5213
09:33:40	499.51	4.47	521.12	95.24	59.83	72.46	680.34	12.2669	13.0844	0.0000	0.8758	1.8620	57.0797	0.5213
09:33:41	499.51	4.35	520.63	97.68	59.83	72.46	680.34	12.2669	13.0709	0.0000	0.8794	1.8681	57.0797	0.5213
09:33:42	499.39	4.26	521.12	96.46	59.83	72.22	678.81	12.4262	13.2187	0.1131	0.8830	1.8743	57.0841	0.5213
09:33:43	499.51	4.16	520.63	95.24	59.83	72.46	677.29	12.4262	13.2044	0.1131	0.8866	1.8804	57.0885	0.5213
09:33:44	499.51	4.08	521.12	95.24	59.83	72.46	680.34	12.7448	13.5213	0.0000	0.8903	1.8868	57.0885	0.5213
09:33:45	499.51	4.00	520.63	96.46	61.05	72.46	680.34	12.5855	13.3364	0.1131	0.8940	1.8930	57.0926	0.5214
09:33:46	499.51	3.93	520.63	97.68	61.05	72.46	679.32	12.4262	13.1498	0.1131	0.8976	1.8992	57.0967	0.5214
09:33:47	499.51	3.85	520.63	97.68	62.27	72.46	679.32	12.4262	13.1349	0.1131	0.9011	1.9053	57.1006	0.5214
09:33:48	499.51	3.81	345.30	96.46	63.49	72.22	679.32	12.5855	13.2895	0.1131	0.9048	1.9116	57.1045	0.5215
09:33:49	499.51	3.73	345.79	96.46	62.27	72.46	678.31	12.7448	13.4459	0.1131	0.9085	1.9179	57.1083	0.5215
09:33:50	499.51	3.70	345.79	96.46	63.49	72.46	681.36	12.7448	13.4319	0.1131	0.9121	1.9242	57.1121	0.5215
09:33:51	499.39	3.64	345.79	96.46	62.27	72.22	678.81	12.5855	13.2572	0.1131	0.9158	1.9283	57.1158	0.5216
09:33:52	499.51	3.61	345.79	96.46	59.83	72.46	678.81	12.5855	13.2427	0.0000	0.9194	1.9324	57.1158	0.5216
09:33:53	499.39	3.58	345.79	95.24	57.39	72.46	678.81	12.5855	13.2372	0.0000	0.9230	1.9365	57.1158	0.5216
09:33:54	499.39	3.56	345.79	94.02	56.17	72.46	679.83	12.5855	13.2269	0.0000	0.9266	1.9406	57.1158	0.5216
09:33:55	475.46	3.51	345.79	94.02	56.17	72.46	679.83	12.5855	13.2214	0.1131	0.9302	1.9447	57.1193	0.5216
09:33:56	475.46	3.50	345.79	94.02	56.17	72.46	679.83	12.4262	13.0493	0.1131	0.9338	1.9488	57.1228	0.5216
09:33:57	475.46	3.47	345.79	95.24	56.17	72.46	679.83	12.2669	12.8774	0.1131	0.9373	1.9528	57.1263	0.5216
09:33:58	475.34	3.45	363.86	94.02	56.17	72.22	679.83	12.2669	12.8688	0.1131	0.9407	1.9568	57.1297	0.5217
09:33:59	475.46	3.43	363.86	94.02	56.17	72.46	679.83	12.2669	12.8668	0.1131	0.9440	1.9608	57.1331	0.5217
09:34:00	475.46	3.43	363.86	92.80	58.61	72.46	678.31	12.4262	13.0285	0.1131	0.9474	1.9648	57.1365	0.5217
09:34:01	475.46	3.40	363.86	92.80	59.83	72.46	681.36	12.2669	12.8588	0.1131	0.9508	1.9691	57.1398	0.5218
09:34:02	475.46	3.40	363.86	92.80	61.05	72.22	682.37	12.2669	12.8548	0.1131	0.9541	1.9733	57.1431	0.5218
09:34:03	475.46	3.38	363.37	94.02	61.05	72.22	682.37	12.1076	12.6878	0.1131	0.9574	1.9774	57.1465	0.5218
09:34:04	475.46	3.38	363.86	94.02	61.05	72.22	681.36	12.1076	12.6832	0.1131	0.9607	1.9816	57.1498	0.5219
09:34:05	368.01	3.38	363.86	94.02	59.83	72.46	679.32	12.1076	12.6832	0.1131	0.9640	1.9857	57.1531	0.5219
09:34:06	368.01	3.38	363.86	92.80	59.83	72.46	681.36	12.2669	12.8467	0.1131	0.9674	1.9899	57.1564	0.5219
09:34:07	368.13	3.37	363.86	92.80	61.05	72.46	682.37	12.2669	12.8467	0.1131	0.9707	1.9941	57.1597	0.5220
09:34:08	368.13	3.37	379.49	92.80	61.05	72.22	679.83	12.2669	12.8442	0.1131	0.9733	1.9983	57.1630	0.5220
09:34:09	368.13	3.39	379.98	92.80	61.05	72.22	681.36	12.1076	12.6774	0.0000	0.9758	2.0025	57.1630	0.5220
09:34:10	368.13	3.39	379.98	94.02	62.27	72.22	682.88	12.1076	12.6754	0.1131	0.9784	2.0066	57.1662	0.5220
09:34:11	368.13	3.39	379.98	94.02	61.05	72.22	681.86	12.1076	12.6754	0.1131	0.9810	2.0109	57.1695	0.5221
09:34:12	368.13	3.39	379.98	95.24	61.05	72.22	681.86	12.1076	12.6787	0.0000	0.9835	2.0153	57.1695	0.5221
09:34:13	368.01	3.39	379.98	94.02	61.05	72.46	680.34	12.2669	12.8455	0.1131	0.9861	2.0197	57.1728	0.5221
09:34:14	368.13	3.39	379.98	94.02	61.05	72.22	683.39	12.2669	12.8455	0.1131	0.9887	2.0241	57.1761	0.5221
09:34:15	274.85	3.39	379.98	95.24	62.27	72.46	681.86	12.4262	13.0124	0.1131	0.9913	2.0285	57.1794	0.5222
09:34:16	274.85	3.39	379.98	95.24	62.27	72.22	680.34	12.2669	12.8455	0.1131	0.9939	2.0329	57.1827	0.5222
09:34:17	274.85	3.39	379.98	94.02	59.83	72.46	681.36	12.2669	12.8455	0.1131	0.9965	2.0373	57.1860	0.5222
09:34:18	274.85	3.39	379.98	94.02	57.39	72.22	681.36	12.4262	13.0101	0.0000	0.9984	2.0417	57.1860	0.5222
09:34:19	274.85	3.39	379.98	92.80	57.39	72.46	680.34	12.4262	13.0101	0.1131	1.0004	2.0462	57.1893	0.5222
09:34:20	274.85	3.39	379.98	92.80	57.39	72.22	680.34	12.2669	12.8433	0.0000	1.0023	2.0506	57.1893	0.5222

09:34:21	274.85	3.40	379.98	94.02	56.17	72.22	680.34	12.2669	12.8433	0.1131	1.0043	2.0549	57.1926	0.5223
09:34:22	274.85	3.40	379.98	94.02	56.17	72.22	681.36	12.1076	12.6765	0.1131	1.0062	2.0593	57.1959	0.5223
09:34:23	274.85	3.40	379.98	92.80	56.17	72.22	681.36	12.1076	12.6765	0.1131	1.0081	2.0636	57.1992	0.5223
09:34:24	274.85	3.40	379.98	94.02	58.61	72.22	964.58	12.2669	12.8453	0.1131	1.0100	2.0680	57.2025	0.5224
09:34:25	187.06	3.40	380.46	97.68	62.27	72.22	1131.36	12.2669	12.8453	0.0000	1.0119	2.0724	57.2025	0.5224
09:34:26	187.06	3.40	379.49	120.88	72.04	72.22	1145.59	12.1076	12.6785	0.1131	1.0139	2.0767	57.2058	0.5224
09:34:27	187.06	3.40	379.98	136.75	76.92	71.98	1120.68	12.2669	12.8453	3.6186	1.0158	2.0811	57.3117	0.5234
09:34:28	187.06	3.40	378.02	144.08	80.59	72.22	806.44	12.7448	13.3437	5.0886	1.0172	2.0857	57.4605	0.5248
09:34:29	187.06	3.40	377.53	128.21	78.14	72.46	689.49	15.7717	16.5128	6.5587	1.0188	2.0913	57.6524	0.5266
09:34:30	187.06	3.40	378.02	116.00	74.48	72.70	681.36	17.8427	18.6811	7.0110	1.0208	2.0977	57.8575	0.5286
09:34:31	187.06	3.40	378.02	105.01	69.60	72.22	678.81	18.7986	19.6819	6.4456	1.0228	2.1044	58.0461	0.5304
09:34:32	187.06	3.40	378.02	101.34	65.93	72.22	680.85	16.7276	17.5135	3.1663	1.0246	2.1103	58.1387	0.5313
09:34:33	187.06	3.40	378.02	100.12	63.49	72.22	679.83	15.1345	15.8456	2.1485	1.0262	2.1157	58.2016	0.5319
09:34:34	187.06	3.40	378.02	97.68	62.27	72.22	682.37	13.7007	14.3444	0.6785	1.0277	2.1206	58.2214	0.5320
09:34:35	135.90	3.40	377.53	97.68	62.27	72.22	682.37	13.2227	13.8440	0.1131	1.0291	2.1253	58.2247	0.5321
09:34:36	135.90	3.40	378.02	97.68	64.71	72.22	680.85	13.0634	13.6773	0.1131	1.0305	2.1300	58.2280	0.5321
09:34:37	135.90	3.40	377.53	96.46	63.49	72.22	682.88	12.7448	13.3437	0.1131	1.0318	2.1345	58.2313	0.5321
09:34:38	136.02	3.40	373.63	96.46	63.49	72.22	681.36	12.7448	13.3424	0.1131	1.0328	2.1390	58.2346	0.5322
09:34:39	135.90	3.40	373.63	96.46	62.27	72.22	680.34	12.7448	13.3424	0.1131	1.0338	2.1436	58.2379	0.5322
09:34:40	136.02	3.40	373.63	96.46	62.27	72.46	680.34	12.5855	13.1756	0.1131	1.0348	2.1480	58.2413	0.5322
09:34:41	135.90	3.39	373.63	96.46	61.05	72.22	681.36	12.5855	13.1756	0.1131	1.0358	2.1525	58.2446	0.5323
09:34:42	135.90	3.40	373.63	95.24	59.83	72.22	682.37	12.5855	13.1756	0.1131	1.0368	2.1569	58.2479	0.5323
09:34:43	135.90	3.40	373.63	95.24	59.83	72.22	680.85	12.5855	13.1756	0.1131	1.0378	2.1613	58.2512	0.5323
09:34:44	135.90	3.39	373.63	95.24	59.83	72.46	682.88	12.5855	13.1736	0.0000	1.0387	2.1657	58.2512	0.5323
09:34:45	113.19	3.39	373.63	95.24	59.83	72.22	679.83	12.4262	13.0088	0.1131	1.0397	2.1701	58.2545	0.5324
09:34:46	113.19	3.39	373.63	94.02	59.83	72.22	681.36	12.4262	13.0088	0.1131	1.0407	2.1745	58.2578	0.5324
09:34:47	113.19	3.39	373.63	94.02	59.83	72.22	682.37	12.4262	13.0068	0.1131	1.0416	2.1789	58.2611	0.5324
09:34:48	113.19	3.39	371.67	94.02	61.05	72.46	681.36	12.4262	13.0063	0.1131	1.0424	2.1832	58.2644	0.5325
09:34:49	113.19	3.39	372.16	94.02	61.05	72.22	682.88	12.2669	12.8395	0.1131	1.0432	2.1875	58.2677	0.5325
09:34:50	113.19	3.41	371.67	95.24	61.05	72.22	682.88	12.2669	12.8395	0.1131	1.0440	2.1918	58.2710	0.5325
09:34:51	113.19	3.43	371.67	96.46	62.27	72.46	682.88	12.2669	12.8395	0.0000	1.0448	2.1961	58.2710	0.5325
09:34:52	113.19	3.45	372.16	95.24	62.27	72.22	694.07	12.2669	12.8395	0.1131	1.0456	2.2004	58.2743	0.5325
09:34:53	113.19	3.47	372.16	96.46	63.49	72.22	703.73	12.4262	13.0097	0.0000	1.0464	2.2048	58.2743	0.5325
09:34:54	113.19	3.49	371.67	96.46	64.71	72.22	678.31	12.5855	13.1806	0.1131	1.0472	2.2092	58.2776	0.5326
09:34:55	129.06	3.49	371.67	96.46	64.71	72.46	678.31	12.4262	13.0171	1.9224	1.0481	2.2135	58.3347	0.5331
09:34:56	129.06	3.49	371.67	96.46	63.49	72.46	678.31	12.5855	13.1867	2.4878	1.0489	2.2180	58.4089	0.5338
09:34:57	129.06	3.51	371.67	96.46	64.71	72.22	681.36	12.5855	13.1915	0.3392	1.0497	2.2224	58.4191	0.5339
09:34:58	129.06	3.52	375.58	96.46	64.71	72.46	679.32	12.5855	13.1919	0.0000	1.0506	2.2268	58.4191	0.5339
09:34:59	129.06	3.52	375.58	97.68	64.71	72.22	680.85	12.5855	13.1919	0.0000	1.0516	2.2312	58.4191	0.5339
09:35:00	129.06	3.55	376.07	97.68	65.93	72.22	680.85	12.5855	13.1939	0.1131	1.0525	2.2356	58.4225	0.5339
09:35:01	128.94	3.55	376.07	97.68	65.93	72.22	681.86	12.5855	13.1967	0.1131	1.0534	2.2401	58.4259	0.5340
09:35:02	129.06	3.55	376.07	97.68	64.71	72.46	680.34	12.7448	13.3637	0.1131	1.0544	2.2446	58.4294	0.5340
09:35:03	129.06	3.55	375.58	97.68	64.71	72.46	681.36	12.7448	13.3679	0.0000	1.0553	2.2491	58.4294	0.5340
09:35:04	129.06	3.55	376.07	96.46	64.71	72.46	682.88	12.7448	13.3679	0.1131	1.0563	2.2536	58.4328	0.5340
09:35:05	133.82	3.55	376.07	96.46	64.71	72.46	681.86	12.7448	13.3679	0.1131	1.0572	2.2581	58.4363	0.5341
09:35:06	133.94	3.55	376.07	96.46	64.71	72.46	678.31	12.7448	13.3679	0.1131	1.0581	2.2627	58.4397	0.5341
09:35:07	133.82	3.55	376.07	95.24	64.71	72.46	678.31	12.5855	13.2008	0.0000	1.0591	2.2671	58.4397	0.5341
09:35:08	133.94	3.55	379.98	95.24	64.71	72.22	678.31	12.5855	13.2009	0.1131	1.0600	2.2716	58.4431	0.5341
09:35:09	133.82	3.53	379.98	95.24	63.49	72.22	678.31	12.5855	13.2009	0.0000	1.0610	2.2760	58.4431	0.5341
09:35:10	133.82	3.53	379.98	94.02	61.05	72.22	678.31	12.4262	13.0338	0.1131	1.0620	2.2805	58.4466	0.5341
09:35:11	133.82	3.53	379.98	94.02	59.83	72.46	680.34	12.4262	13.0338	0.1131	1.0629	2.2849	58.4500	0.5342
09:35:12	133.82	3.53	379.98	94.02	59.83	72.22	681.86	12.4262	13.0311	0.1131	1.0639	2.2894	58.4535	0.5342
09:35:13	133.82	3.52	379.98	95.24	61.05	72.46	677.80	12.2669	12.8640	0.1131	1.0648	2.2938	58.4569	0.5342
09:35:14	133.94	3.52	379.98	95.24	61.05	72.46	677.80	12.2669	12.8640	0.1131	1.0658	2.2982	58.4603	0.5343
09:35:15	125.03	3.50	379.98	95.24	62.27	72.46	676.78	12.2669	12.8640	0.0000	1.0667	2.3025	58.4603	0.5343
09:35:16	125.03	3.50	379.98	95.24	63.49	72.46	680.34	12.4262	13.0291	0.1131	1.0677	2.3070	58.4638	0.5343
09:35:17	125.03	3.49	379.98	96.46	63.49	72.46	676.78	12.4262	13.0291	0.1131	1.0686	2.3115	58.4672	0.5343
09:35:18	125.03	3.49	374.11	95.24	63.49	72.46	676.78	12.4262	13.0262	0.1131	1.0695	2.3159	58.4706	0.5344
09:35:19	125.03	3.46	373.63	95.24	63.49	72.46	677.80	12.4262	13.0262	0.1131	1.0704	2.3204	58.4740	0.5344
09:35:20	125.15	3.46	373.63	95.24	63.49	72.46	676.27	12.5855	13.1911	0.1131	1.0713	2.3249	58.4774	0.5344
09:35:21	125.03	3.46	373.63	95.24	62.27	72.46	676.27	12.4262	13.0241	0.1131	1.0722	2.3292	58.4808	0.5345
09:35:22	125.03	3.46	373.63	95.24	62.27	72.46	674.24	12.4262	13.0194	0.1131	1.0731	2.3336	58.4842	0.5345
09:35:23	125.03	3.44	373.63	95.24	61.05	72.22	677.29	12.4262	13.0194	0.0000	1.0740	2.3380	58.4842	0.5345
09:35:24	125.03	3.44	373.63	95.24	61.05	72.46	677.29	12.4262	13.0194	0.0000	1.0749	2.3424	58.4842	0.5345
09:35:25	127.47	3.44	373.63	97.68	63.49	72.46	676.27	12.4262	13.0194	0.1131	1.0758	2.3467	58.4875	0.5345
09:35:26	127.47	3.42	373.63	100.12	65.93	72.46	677.80	12.4262	13.0147	0.1131	1.0766	2.3511	58.4909	0.5346
09:35:27	127.47	3.41	373.63	102.56	69.60	72.70	677.80	12.4262	13.0147	0.1131	1.0775	2.3555	58.4942	0.5346

09:35:28	127.47	3.41	369.72	105.01	79.37	72.70	677.80	12.7448	13.3484	0.1131	1.0785	2.3600	58.4976	0.5346
09:35:29	127.47	3.41	369.72	105.01	79.37	72.70	676.27	13.0634	13.6800	0.1131	1.0794	2.3646	58.5009	0.5347
09:35:30	127.47	3.41	369.72	103.79	75.70	72.46	677.29	13.3820	14.0115	0.0000	1.0804	2.3693	58.5009	0.5347
09:35:31	127.47	3.40	370.21	101.34	69.60	72.46	677.29	13.7007	14.3451	0.1131	1.0814	2.3741	58.5042	0.5347
09:35:32	127.47	3.40	369.72	98.90	67.16	72.46	679.83	13.7007	14.3451	0.0000	1.0824	2.3788	58.5042	0.5347
09:35:33	127.47	3.40	369.72	96.46	64.71	72.46	678.81	13.5413	14.1783	0.0000	1.0834	2.3835	58.5042	0.5347
09:35:34	127.47	3.40	369.72	96.46	63.49	72.70	678.81	13.2227	13.8425	0.1131	1.0844	2.3881	58.5075	0.5347
09:35:35	114.77	3.39	369.72	95.24	62.27	72.70	678.81	12.9041	13.5090	0.1131	1.0853	2.3926	58.5108	0.5347
09:35:36	114.77	3.39	370.21	96.46	63.49	72.70	677.29	12.5855	13.1754	0.1131	1.0862	2.3970	58.5141	0.5348
09:35:37	114.77	3.39	369.72	96.46	63.49	72.46	677.29	12.5855	13.1754	0.1131	1.0871	2.4014	58.5174	0.5348
09:35:38	114.77	3.39	369.72	96.46	64.71	72.46	681.86	12.4262	13.0063	0.1131	1.0880	2.4057	58.5207	0.5348
09:35:39	114.77	3.39	369.72	96.46	62.27	72.70	679.83	12.5855	13.1731	0.1131	1.0888	2.4101	58.5240	0.5349
09:35:40	114.77	3.39	369.72	95.24	62.27	72.70	676.78	12.5855	13.1731	0.0000	1.0896	2.4145	58.5240	0.5349
09:35:41	114.77	3.37	369.72	95.24	63.49	72.70	678.81	12.5855	13.1731	0.1131	1.0904	2.4189	58.5273	0.5349
09:35:42	114.77	3.37	370.21	95.24	63.49	72.70	679.83	12.5855	13.1731	0.1131	1.0913	2.4232	58.5306	0.5349
09:35:43	114.65	3.39	369.72	95.24	64.71	72.46	678.81	12.4262	13.0063	0.1131	1.0921	2.4276	58.5339	0.5350
09:35:44	114.77	3.37	370.21	95.24	65.93	72.70	678.81	12.4262	13.0036	0.1131	1.0929	2.4319	58.5372	0.5350
09:35:45	113.19	3.39	369.72	95.24	65.93	72.46	678.81	12.4262	13.0036	0.1131	1.0937	2.4362	58.5405	0.5350
09:35:46	113.19	3.40	369.23	95.24	64.71	72.46	680.34	12.4262	13.0070	0.1131	1.0945	2.4406	58.5438	0.5351
09:35:47	113.19	3.40	370.21	96.46	64.71	72.70	682.88	12.4262	13.0036	0.0000	1.0954	2.4449	58.5438	0.5351
09:35:48	113.19	3.40	371.67	95.24	62.27	72.46	686.44	12.4262	13.0056	0.1131	1.0962	2.4492	58.5471	0.5351
09:35:49	113.19	3.40	371.67	92.80	58.61	72.46	686.44	12.4262	13.0076	0.1131	1.0970	2.4535	58.5504	0.5351
09:35:50	113.19	3.40	372.16	92.80	58.61	72.46	688.98	12.5855	13.1744	0.1131	1.0978	2.4579	58.5537	0.5352
09:35:51	113.19	3.41	372.16	94.02	59.83	72.70	684.92	12.4262	13.0076	0.1131	1.0986	2.4623	58.5570	0.5352
09:35:52	113.19	3.40	372.16	95.24	61.05	72.70	686.44	12.1076	12.6741	0.1131	1.0994	2.4665	58.5603	0.5352
09:35:53	113.19	3.40	372.16	95.24	61.05	72.46	688.47	12.1076	12.6741	0.1131	1.1002	2.4707	58.5636	0.5352
09:35:54	113.19	3.40	372.16	94.02	61.05	72.46	688.47	12.2669	12.8429	0.0000	1.1010	2.4750	58.5636	0.5352
09:35:55	103.66	3.40	372.16	94.02	58.61	72.46	688.47	12.4262	13.0076	0.1131	1.1018	2.4794	58.5669	0.5353
09:35:56	103.66	3.41	371.67	92.80	59.83	72.46	689.49	12.4262	13.0076	0.1131	1.1026	2.4837	58.5702	0.5353
09:35:57	103.66	3.41	371.67	94.02	59.83	72.46	687.97	12.2669	12.8409	0.0000	1.1034	2.4880	58.5702	0.5353
09:35:58	103.66	3.41	373.63	94.02	59.83	72.46	691.53	12.2669	12.8406	0.1131	1.1041	2.4923	58.5735	0.5353
09:35:59	103.66	3.41	373.14	95.24	61.05	72.46	690.51	12.1076	12.6758	0.0000	1.1048	2.4966	58.5735	0.5353
09:36:00	103.66	3.41	373.63	95.24	61.05	72.46	688.47	12.2669	12.8426	0.1131	1.1055	2.5009	58.5768	0.5354
09:36:01	103.54	3.41	373.63	96.46	62.27	72.70	691.53	12.2669	12.8426	0.0000	1.1063	2.5052	58.5768	0.5354
09:36:02	103.66	3.41	374.11	96.46	62.27	72.46	684.92	12.4262	13.0094	0.1131	1.1070	2.5095	58.5801	0.5354
09:36:03	103.66	3.42	373.63	96.46	63.49	72.46	680.34	12.4262	13.0094	0.1131	1.1077	2.5139	58.5835	0.5354
09:36:04	103.66	3.42	374.11	95.24	63.49	72.70	682.88	12.5855	13.1762	0.9046	1.1085	2.5183	58.6100	0.5357
09:36:05	98.17	3.42	373.63	94.02	61.05	72.46	822.71	12.5855	13.1762	1.2439	1.1092	2.5228	58.6465	0.5360
09:36:06	98.17	3.42	373.63	95.24	62.27	72.46	913.22	12.5855	13.1790	0.0000	1.1100	2.5272	58.6465	0.5360
09:36:07	98.17	3.42	374.11	100.12	67.16	72.46	1087.63	12.4262	13.0121	0.7916	1.1107	2.5316	58.6698	0.5363
09:36:08	98.17	3.42	376.07	102.56	70.82	72.70	701.19	12.2669	12.8452	2.6009	1.1114	2.5359	58.7464	0.5370
09:36:09	98.17	3.42	376.56	102.56	70.82	72.46	703.73	12.4262	13.0120	3.8447	1.1121	2.5403	58.8596	0.5380
09:36:10	98.17	3.42	376.07	101.34	68.38	72.70	730.68	13.0634	13.6793	5.6540	1.1129	2.5449	59.0262	0.5396
09:36:11	98.17	3.42	375.58	98.90	68.38	72.70	694.07	13.3820	14.0129	4.2971	1.1136	2.5496	59.1528	0.5408
09:36:12	98.17	3.42	375.58	97.68	67.16	72.70	680.34	13.3820	14.0129	3.7317	1.1144	2.5544	59.2627	0.5418
09:36:13	98.17	3.44	375.58	96.46	65.93	72.46	681.36	13.2227	13.8461	4.6363	1.1151	2.5590	59.3993	0.5431
09:36:14	98.17	3.44	375.58	95.24	65.93	72.46	679.32	12.9041	13.5125	2.4878	1.1158	2.5636	59.4725	0.5438
09:36:15	92.19	3.44	376.07	95.24	64.71	72.46	682.37	12.7448	13.3456	0.9046	1.1165	2.5681	59.4992	0.5441
09:36:16	92.19	3.44	376.07	95.24	64.71	72.46	682.37	12.5855	13.1809	0.1131	1.1173	2.5726	59.5025	0.5441
09:36:17	92.19	3.42	376.07	95.24	64.71	72.46	682.37	12.4262	13.0140	0.0000	1.1180	2.5770	59.5025	0.5441
09:36:18	92.19	3.42	371.67	95.24	64.71	72.46	683.39	12.4262	13.0139	0.1131	1.1186	2.5814	59.5059	0.5441
09:36:19	92.19	3.42	371.67	94.02	64.71	72.46	683.39	12.4262	13.0139	0.1131	1.1193	2.5858	59.5092	0.5442
09:36:20	92.19	3.42	372.16	95.24	64.71	72.46	689.49	12.4262	13.0119	0.1131	1.1199	2.5902	59.5125	0.5442
09:36:21	92.19	3.42	372.16	95.24	64.71	72.46	721.02	12.4262	13.0119	0.1131	1.1206	2.5945	59.5159	0.5442
09:36:22	92.19	3.42	371.67	96.46	67.16	72.46	945.76	12.2669	12.8450	0.1131	1.1212	2.5988	59.5192	0.5443
09:36:23	92.19	3.42	372.16	114.77	74.48	72.46	1126.27	12.4262	13.0119	0.6785	1.1219	2.6032	59.5392	0.5445
09:36:24	92.19	3.42	372.16	134.31	79.37	72.46	1207.12	12.4262	13.0119	2.7139	1.1225	2.6075	59.6191	0.5452
09:36:25	85.23	3.42	371.67	151.40	85.47	72.46	1292.54	12.5855	13.1787	3.6186	1.1232	2.6119	59.7257	0.5462
09:36:26	85.23	3.41	371.67	166.81	98.90	72.22	1251.86	14.9752	15.6810	5.7671	1.1240	2.6172	59.8956	0.5478
09:36:27	85.23	3.41	371.67	199.02	103.79	72.46	1098.81	17.5241	18.3500	6.8979	1.1249	2.6233	60.0988	0.5497
09:36:28	85.23	3.41	367.77	183.15	100.12	72.46	800.34	19.7544	20.6852	8.0287	1.1259	2.6302	60.3353	0.5520
09:36:29	85.23	3.41	368.25	162.39	94.02	72.22	999.15	24.3744	25.5176	8.9334	1.1271	2.6388	60.5972	0.5544
09:36:30	85.23	3.41	367.77	152.63	90.35	72.46	1086.10	25.9675	27.1854	8.5941	1.1284	2.6478	60.8492	0.5568
09:36:31	85.23	3.41	367.77	148.96	90.35	72.46	1102.88	23.8965	25.0173	7.2372	1.1295	2.6561	61.0614	0.5588
09:36:32	85.23	3.43	367.77	151.40	90.35	72.22	1087.63	21.1882	22.1820	7.5764	1.1306	2.6635	61.2836	0.5609
09:36:33	85.23	3.43	367.77	153.85	91.58	72.46	1074.41	19.9138	20.8477	8.0287	1.1315	2.6704	61.5190	0.5632
09:36:34	85.23	3.44	367.77	156.29	92.80	72.46	1082.54	19.4358	20.3474	8.2549	1.1325	2.6771	61.7610	0.5655

09:36:35	101.59	3.44	367.77	157.51	92.80	72.22	1088.65	19.7544	20.6874	8.3680	1.1334	2.6839	62.0081	0.5678
09:36:36	101.59	3.44	367.77	161.17	95.24	72.46	980.85	20.0731	21.0211	8.2549	1.1344	2.6909	62.2518	0.5701
09:36:37	101.59	3.44	367.77	156.29	94.02	72.46	917.29	20.3917	21.3581	8.3680	1.1354	2.6980	62.4997	0.5724
09:36:38	101.59	3.44	367.77	153.85	94.02	72.46	1342.88	20.5510	21.5256	8.3680	1.1366	2.7051	62.7476	0.5747
09:36:39	101.59	3.44	367.77	244.20	130.65	72.46	1768.48	21.0289	22.0262	8.1418	1.1378	2.7124	62.9888	0.5770
09:36:40	101.59	3.44	368.25	424.91	179.49	72.70	1702.37	20.3917	21.3587	7.5764	1.1390	2.7194	63.2132	0.5791
09:36:41	101.59	3.44	367.77	544.57	219.78	72.22	1163.39	20.0731	21.0250	9.4988	1.1402	2.7264	63.4946	0.5817
09:36:42	101.59	3.44	367.77	417.58	213.68	72.46	1367.80	31.8620	33.3730	12.3258	1.1421	2.7374	63.8598	0.5852
09:36:43	101.59	3.46	367.77	387.08	210.01	72.46	1570.17	55.4399	58.0690	15.2659	1.1453	2.7566	64.3120	0.5894
09:36:44	117.46	3.46	368.25	409.04	216.12	72.46	884.24	71.0523	74.4217	13.9089	1.1494	2.7813	64.7241	0.5933
09:36:45	117.34	3.46	367.77	306.47	188.03	72.46	729.68	54.4841	57.0678	14.7005	1.1526	2.8001	65.1595	0.5973
09:36:46	117.46	3.44	367.77	247.86	162.39	72.46	745.93	50.5013	52.9044	16.5098	1.1555	2.8176	65.6503	0.6019
09:36:47	117.46	3.46	367.77	191.70	124.54	72.70	842.03	53.3689	55.9101	14.8136	1.1591	2.8361	66.0906	0.6061
09:36:48	117.46	3.46	367.77	169.72	106.23	72.46	947.80	39.9868	41.8908	14.3613	1.1618	2.8500	66.5175	0.6100
09:36:49	117.46	3.48	367.77	156.29	96.46	72.70	1287.46	32.3400	33.8745	14.1351	1.1640	2.8612	66.9363	0.6140
09:36:50	117.34	3.50	367.77	159.95	94.02	72.46	1002.20	25.0117	26.2040	13.7959	1.1657	2.8699	67.3468	0.6178
09:36:51	117.46	3.53	367.77	157.51	92.80	72.70	724.58	22.1441	23.1997	13.7959	1.1672	2.8775	67.7573	0.6216
09:36:52	117.34	3.53	367.77	130.85	83.03	72.46	748.98	20.3917	21.3682	14.0220	1.1686	2.8846	68.1765	0.6255
09:36:53	117.34	3.57	367.77	117.22	78.14	72.70	884.75	20.8696	21.8758	14.8136	1.1700	2.8918	68.6223	0.6296
09:36:54	137.36	3.57	367.77	111.11	76.92	72.46	1049.49	20.5510	21.5519	11.4212	1.1713	2.8990	68.9695	0.6328
09:36:55	137.36	3.59	367.77	117.22	83.03	72.46	905.59	17.0462	17.8764	12.5520	1.1725	2.9049	69.3510	0.6363
09:36:56	137.36	3.59	367.77	130.65	86.69	72.70	1005.76	15.2938	16.0461	12.4389	1.1735	2.9102	69.7329	0.6398
09:36:57	137.36	3.61	351.65	133.09	86.69	72.46	728.14	14.4972	15.2109	13.3435	1.1747	2.9152	70.1425	0.6435
09:36:58	137.48	3.61	351.65	123.32	83.03	72.94	710.34	15.2938	16.0517	12.8912	1.1759	2.9205	70.5409	0.6470
09:36:59	137.36	3.60	351.65	112.33	78.14	72.94	696.61	17.0462	17.8910	13.9089	1.1772	2.9265	70.9706	0.6509
09:37:00	137.36	3.60	351.65	102.56	72.04	72.94	698.64	17.3648	18.2301	12.6651	1.1786	2.9322	71.3641	0.6544
09:37:01	137.36	3.58	351.65	101.34	69.60	72.70	714.41	16.0903	16.8921	8.2549	1.1799	2.9376	71.6206	0.6567
09:37:02	137.48	3.59	351.65	98.90	68.38	72.46	1083.56	14.6565	15.3845	5.9933	1.1810	2.9424	71.8062	0.6584
09:37:03	137.36	3.58	351.65	102.56	72.04	72.46	1252.37	13.3820	14.0467	3.2793	1.1821	2.9469	71.9077	0.6593
09:37:04	137.36	3.58	351.65	122.10	78.14	72.70	1204.58	13.2227	13.8752	4.4102	1.1831	2.9513	72.0434	0.6605
09:37:05	206.47	3.58	351.65	136.75	81.81	72.70	835.42	12.9041	13.5436	6.5587	1.1841	2.9555	72.2461	0.6623
09:37:06	206.47	3.61	351.65	129.43	80.59	72.46	1001.70	13.3820	14.0431	8.0287	1.1852	2.9600	72.4934	0.6646
09:37:07	206.47	3.63	337.48	133.09	81.81	72.46	1342.37	15.9310	16.7179	8.7072	1.1865	2.9653	72.7616	0.6670
09:37:08	206.47	3.65	337.97	159.95	87.91	72.46	1525.43	17.8427	18.7265	7.0110	1.1886	2.9712	72.9775	0.6689
09:37:09	206.47	3.65	337.97	213.68	109.89	72.46	1641.36	16.8869	17.7297	7.2372	1.1906	2.9768	73.2021	0.6709
09:37:10	206.35	3.67	337.97	269.84	141.64	72.46	1223.90	17.3648	18.2362	9.3857	1.1926	2.9823	73.4950	0.6736
09:37:11	206.47	3.67	337.97	251.53	141.64	72.46	1321.53	20.8696	21.9249	10.8558	1.1951	2.9890	73.8362	0.6766
09:37:12	206.47	3.69	337.97	240.54	137.97	72.46	1374.41	27.8793	29.2890	11.9866	1.1984	2.9979	74.2131	0.6799
09:37:13	206.47	3.67	337.48	240.54	139.19	72.46	1560.00	35.2075	36.9935	9.8380	1.2026	3.0091	74.5234	0.6826
09:37:14	206.47	3.67	338.46	274.73	152.63	72.70	1705.43	32.8179	34.4827	10.2904	1.2065	3.0196	74.8479	0.6855
09:37:15	271.92	3.65	338.46	446.89	194.14	72.46	1629.68	31.3841	32.9847	10.7427	1.2102	3.0296	75.1885	0.6885
09:37:16	271.79	3.65	337.97	504.27	223.44	72.22	1023.58	31.3841	32.9796	11.6473	1.2140	3.0397	75.5566	0.6917
09:37:17	271.92	3.64	310.13	440.78	238.10	72.46	1574.24	35.8448	37.6670	13.3435	1.2182	3.0511	75.9784	0.6954
09:37:18	271.92	3.64	310.13	487.18	289.38	73.19	1521.36	58.3075	61.2631	16.3967	1.2273	3.0698	76.4938	0.7000
09:37:19	271.92	3.61	310.62	514.04	290.60	73.43	1345.93	65.7951	69.1302	14.5874	1.2376	3.0908	76.9524	0.7040
09:37:20	271.92	3.58	310.13	463.98	257.63	73.43	1261.02	57.5110	60.4105	16.0575	1.2466	3.1076	77.4546	0.7085
09:37:21	271.92	3.57	310.13	347.99	207.57	73.43	1096.78	63.5647	66.7695	17.9799	1.2566	3.1263	78.0168	0.7135
09:37:22	271.79	3.54	310.62	288.94	177.05	72.70	868.98	67.0696	70.4255	17.7537	1.2670	3.1459	78.5678	0.7184
09:37:23	271.92	3.51	310.13	221.00	134.31	72.94	1011.87	60.5378	63.5471	17.1883	1.2765	3.1637	79.0977	0.7232
09:37:24	271.92	3.49	310.13	199.02	118.44	72.70	772.88	45.4034	47.6505	17.3014	1.2836	3.1769	79.6289	0.7280
09:37:25	323.32	3.46	310.13	167.28	101.34	72.70	1208.14	37.4379	39.2744	15.6051	1.2894	3.1879	80.1037	0.7323
09:37:26	323.32	3.46	310.13	169.72	98.90	72.70	1293.05	28.8351	30.2402	16.1706	1.2939	3.1964	80.5926	0.7368
09:37:27	323.32	3.44	310.13	180.71	107.45	72.94	1299.66	25.9675	27.2244	13.9089	1.2980	3.2039	81.0102	0.7407
09:37:28	323.32	3.40	281.81	200.24	114.77	72.70	1229.49	21.8255	22.8734	15.4921	1.3020	3.2103	81.4707	0.7450
09:37:29	323.32	3.40	282.30	205.13	116.00	72.70	1004.24	22.1441	23.2073	16.2836	1.3062	3.2168	81.9547	0.7495
09:37:30	323.32	3.38	281.81	190.48	107.45	72.46	1272.71	23.5779	24.7048	16.6229	1.3105	3.2237	82.4466	0.7541
09:37:31	323.32	3.38	282.30	200.24	112.33	72.94	1438.98	26.1269	27.3628	16.7360	1.3154	3.2306	82.9368	0.7588
09:37:32	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.7641	28.0301	16.2836	1.3203	3.2377	83.4137	0.7633
09:37:33	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	24.8524	26.0185	16.3967	1.3249	3.2443	83.8901	0.7679
09:37:34	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3298	3.2513	84.4026	0.7728
09:37:35	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3346	3.2582	84.9151	0.7777
09:37:36	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3395	3.2652	85.4276	0.7826
09:37:37	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3443	3.2721	85.9401	0.7875
09:37:38	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3492	3.2791	86.4527	0.7924
09:37:39	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3540	3.2860	86.9652	0.7973
09:37:40	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3588	3.2929	87.4777	0.8022
09:37:41	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3637	3.2999	87.9902	0.8071

09:37:42	323.32	3.38	282.30	200.24	112.33	73.67	1438.98	26.1269	27.3528	17.6406	1.3685	3.3068	88.5027	0.8120
09:37:43	380.95	3.52	337.97	167.28	108.67	73.43	864.92	26.1269	27.3528	17.6406	1.3734	3.3138	89.0152	0.8169
09:37:44	380.95	3.56	337.48	148.96	95.24	73.43	916.27	26.1269	27.3528	17.6406	1.3782	3.3207	89.5277	0.8218
09:37:45	436.87	3.60	337.97	139.19	90.35	73.19	930.00	26.1269	27.3528	17.6406	1.3830	3.3277	90.0403	0.8267
09:37:46	436.63	3.64	337.48	131.87	87.91	73.19	928.47	21.8255	22.8948	18.9976	1.3878	3.3346	90.6152	0.8319
09:37:47	436.87	3.67	337.97	129.43	86.69	73.19	930.51	19.4358	20.3997	20.1284	1.3921	3.3408	91.2317	0.8375
09:37:48	436.75	3.70	391.70	128.21	86.69	72.94	940.68	18.1614	19.0739	20.2415	1.3966	3.3466	91.8586	0.8431
09:37:49	436.75	3.73	391.70	126.98	85.47	73.19	949.32	17.2055	18.0794	20.2415	1.4010	3.3521	92.4922	0.8488
09:37:50	436.87	3.74	391.70	126.98	85.47	72.94	902.54	16.8869	17.7519	20.3545	1.4052	3.3575	93.1348	0.8544
09:37:51	436.87	3.74	391.70	123.32	84.25	73.19	927.46	16.7276	17.5908	20.4676	1.4094	3.3637	93.7859	0.8601
09:37:52	436.75	3.76	391.70	124.54	84.25	72.94	969.66	16.5683	17.4296	20.8069	1.4136	3.3698	94.4526	0.8659
09:37:53	436.87	3.76	391.70	128.21	85.47	72.70	984.92	16.5683	17.4333	19.7892	1.4177	3.3760	95.0893	0.8714
09:37:54	436.87	3.78	391.70	137.97	86.69	72.70	950.34	16.0903	16.9304	20.3545	1.4218	3.3819	95.7443	0.8770
09:37:55	473.50	3.78	391.70	139.19	86.69	72.94	962.54	16.2496	17.1016	21.2592	1.4259	3.3880	96.4312	0.8829
09:37:56	473.38	3.80	391.70	137.97	86.69	72.94	1018.98	16.7276	17.6045	21.4854	1.4301	3.3942	97.1254	0.8889
09:37:57	473.50	3.81	391.70	142.86	87.91	72.70	1034.24	18.0020	18.9508	20.5807	1.4346	3.4008	97.7938	0.8946
09:37:58	473.38	3.84	427.84	147.74	100.12	72.70	1063.73	18.1614	19.1197	21.0330	1.4396	3.4076	98.4770	0.9005
09:37:59	473.50	3.86	427.84	174.60	124.54	72.94	1314.92	18.0020	18.9579	22.2769	1.4445	3.4143	99.2050	0.9067
09:38:00	473.63	3.87	428.33	214.90	135.53	73.19	1626.61	18.6393	19.6321	22.5031	1.4496	3.4212	99.9427	0.9129
09:38:01	473.38	3.91	427.84	323.57	161.17	73.19	1733.90	19.2765	20.3117	23.1816	1.4549	3.4290	100.7088	0.9193
09:38:02	473.50	3.94	427.84	726.50	260.07	73.19	1917.46	22.7813	24.0097	22.7292	1.4611	3.4382	101.4631	0.9257
09:38:03	473.50	3.98	428.33	1211.23	448.11	73.19	2015.59	28.0386	29.5565	24.1993	1.4687	3.4496	102.2694	0.9324
09:38:04	478.51	4.01	428.33	1498.17	587.30	72.94	1420.17	42.2172	44.5234	25.8955	1.4803	3.4667	103.1400	0.9396
09:38:05	478.51	4.02	427.84	1242.98	523.81	73.19	1485.76	94.7895	100.0092	28.8356	1.5062	3.5052	104.1172	0.9476
09:38:06	478.51	4.02	428.33	1130.65	495.73	72.94	1316.44	158.0356	166.8330	30.1926	1.5495	3.5695	105.1516	0.9560
09:38:07	478.39	4.02	466.42	785.10	368.74	72.94	1050.00	195.4735	206.4210	30.8711	1.6035	3.6490	106.2154	0.9645
09:38:08	478.51	3.99	466.42	554.33	290.60	72.94	1038.31	162.1777	171.2960	32.3411	1.6484	3.7149	107.3343	0.9735
09:38:09	478.51	3.98	466.42	395.60	229.55	72.70	1039.32	147.5212	155.8154	31.3234	1.6892	3.7749	108.4179	0.9822
09:38:10	478.51	3.95	466.42	271.06	172.16	72.94	1046.44	102.4364	108.1958	31.4365	1.7176	3.8203	109.5055	0.9910
09:38:11	478.51	3.94	466.42	230.77	148.96	72.94	1052.54	72.3268	76.3616	31.3234	1.7376	3.8523	110.5807	0.9997
09:38:12	478.51	3.91	466.42	199.02	125.76	72.94	1062.20	51.6165	54.4875	31.3234	1.7519	3.8752	111.6527	1.0084
09:38:13	478.51	3.91	466.91	185.59	114.77	72.94	1065.26	35.3668	37.3205	31.4365	1.7616	3.8909	112.7213	1.0171
09:38:14	456.65	3.88	466.91	178.27	103.79	72.70	1081.53	30.1096	31.7679	31.7757	1.7700	3.9042	113.7982	1.0259
09:38:15	456.65	3.88	466.42	179.49	102.56	72.70	1090.68	25.9675	27.3864	32.1150	1.7771	3.9157	114.8779	1.0348
09:38:16	456.65	3.88	466.42	181.93	102.56	72.94	1099.32	24.2151	25.5382	32.2280	1.7838	3.9264	115.9614	1.0438
09:38:17	456.78	3.87	476.68	188.81	107.45	72.70	1114.58	23.2593	24.5202	32.6804	1.7900	3.9367	117.0525	1.0529
09:38:18	456.65	3.87	476.68	197.80	114.77	72.70	1125.76	23.4186	24.6882	32.9065	1.7961	3.9470	118.1511	1.0620
09:38:19	456.65	3.87	476.68	203.91	122.10	72.70	1712.54	23.7372	25.0241	33.1327	1.8024	3.9575	119.2573	1.0712
09:38:20	456.65	3.85	477.17	328.45	153.85	72.70	1655.59	24.3744	25.6905	33.6981	1.8088	3.9686	120.3778	1.0806
09:38:21	456.65	3.85	477.17	539.68	210.01	72.70	1708.48	25.8082	27.2017	34.0373	1.8156	3.9802	121.5096	1.0900
09:38:22	456.65	3.87	476.68	804.64	318.68	72.70	1251.36	26.6048	28.0413	34.1504	1.8226	3.9922	122.6451	1.0995
09:38:23	456.65	3.89	476.68	704.52	322.34	72.70	1185.76	42.8544	45.1590	36.0728	1.8339	4.0116	123.8398	1.1095
09:38:24	499.51	3.93	477.17	549.45	260.07	72.70	1166.44	70.4151	74.2017	37.4298	1.8525	4.0435	125.0793	1.1199
09:38:25	499.51	3.96	477.17	362.64	216.12	72.70	1152.20	104.9854	110.6655	37.7690	1.8801	4.0909	126.3378	1.1304
09:38:26	499.51	4.00	476.68	289.38	181.93	72.46	1132.88	91.9219	96.9154	35.8466	1.9044	4.1324	127.5369	1.1404
09:38:27	499.51	4.08	488.89	228.33	147.74	72.70	1123.22	71.6896	75.6330	35.1681	1.9250	4.1649	128.7264	1.1502
09:38:28	499.39	4.15	488.40	205.13	131.87	72.70	1123.22	47.3151	49.9385	34.8289	1.9387	4.1863	129.9138	1.1598
09:38:29	499.51	4.24	488.40	188.03	116.00	72.70	1121.19	37.7565	39.8705	34.1504	1.9496	4.2034	131.0895	1.1693
09:38:30	499.51	4.31	488.40	183.15	109.89	72.46	1128.31	29.7910	31.4933	33.8112	1.9582	4.2173	132.2774	1.1787
09:38:31	499.51	4.39	488.40	180.71	107.45	72.46	1139.49	26.7641	28.3183	33.9243	1.9660	4.2297	133.4886	1.1881
09:38:32	499.51	4.46	488.40	181.93	108.67	72.70	1149.66	24.5338	25.9894	33.8112	1.9731	4.2411	134.7219	1.1975
09:38:33	499.51	4.52	488.89	188.03	109.89	72.70	1158.31	23.8965	25.3379	34.0373	1.9800	4.2523	135.9840	1.2070
09:38:34	499.39	4.59	488.40	197.80	112.33	72.70	1129.32	23.5779	25.0273	34.2635	1.9868	4.2632	137.2787	1.2165
09:38:35	499.51	4.66	488.89	191.70	112.33	72.70	1099.83	23.7372	25.2185	34.8289	1.9937	4.2743	138.6146	1.2262
09:38:36	499.39	4.72	488.40	181.93	105.01	72.46	1087.12	24.5338	26.0864	35.0551	2.0009	4.2858	139.9780	1.2359
09:38:37	499.39	4.72	488.40	181.93	105.01	72.46	1087.12	25.8082	27.4670	34.0373	2.0084	4.2979	141.3225	1.2454
09:38:38	499.51	4.85	606.59	169.72	96.46	72.70	1121.70	25.0117	26.6427	33.1327	2.0157	4.3096	142.6501	1.2546
09:38:39	499.51	4.93	606.59	174.60	96.46	72.70	1128.31	23.7372	25.3073	32.7935	2.0226	4.3207	143.9828	1.2637
09:38:40	499.51	4.98	606.10	181.93	97.68	72.70	1134.92	23.7372	25.3073	32.7935	2.0295	4.3318	145.3156	1.2728
09:38:41	499.51	5.04	605.62	188.03	101.34	72.70	1142.54	22.1441	23.6491	33.8112	2.0360	4.3447	146.7272	1.2822
09:38:42	499.51	5.09	606.10	196.58	103.79	72.70	1152.20	22.7813	24.3535	34.0373	2.0426	4.3580	148.1699	1.2916
09:38:43	499.39	5.16	606.10	207.57	116.00	72.70	1168.98	23.7372	25.3937	34.3766	2.0496	4.3718	149.6432	1.3012
09:38:44	499.51	5.22	605.62	218.56	123.32	72.46	1182.20	24.5338	26.2662	34.4897	2.0568	4.3861	151.1388	1.3108
09:38:45	499.51	5.32	606.10	233.21	129.43	72.46	1190.34	25.6489	27.4785	34.8289	2.0643	4.4011	152.6642	1.3204
09:38:46	499.51	5.36	605.62	236.87	130.65	72.46	1185.76	27.0827	29.0415	35.2812	2.0722	4.4169	154.2308	1.3302
09:38:47	499.51	5.44	724.79	233.21	128.21	72.46	1180.17	28.5165	30.6011	35.7336	2.0806	4.4336	155.8342	1.3402
09:38:48	499.51	5.49	725.27	219.78	125.76	72.46	1188.81	30.4282	32.6964	35.9597	2.0895	4.4514	157.4793	1.3502

09:38:49	499.39	5.51	725.27	222.22	130.85	72.70	1756.78	30.9062	33.2270	35.8466	2.0986	4.4695	159.1311	1.3601
09:38:50	499.39	5.54	724.79	312.58	159.95	72.46	1717.63	30.4282	32.7469	35.6205	2.1076	4.4909	160.7965	1.3700
09:38:51	499.51	5.54	724.79	666.67	245.42	72.46	1799.49	28.6758	30.8848	35.8466	2.1160	4.5110	162.4906	1.3800
09:38:52	499.51	5.53	725.27	993.90	347.99	72.70	1355.59	28.9944	31.2344	35.7336	2.1246	4.5314	164.1840	1.3899
09:38:53	499.51	5.53	725.27	993.90	347.99	72.46	1355.59	40.7834	43.9522	37.4298	2.1366	4.5600	165.9680	1.4003
09:38:54	499.51	5.52	725.27	804.64	343.10	72.70	1292.03	86.9833	93.7419	39.3521	2.1622	4.6212	167.8435	1.4112
09:38:55	499.51	5.47	725.27	610.50	289.38	72.70	1335.25	129.6785	139.7329	39.4652	2.2004	4.7123	169.7205	1.4222
09:38:56	499.51	5.42	725.27	539.68	267.40	72.46	1337.80	129.6785	139.7329	39.4652	2.2386	4.8034	171.5974	1.4331
09:38:57	499.39	5.38	725.27	498.17	255.19	72.70	1301.19	104.9854	113.1078	39.0129	2.2696	4.8772	173.4489	1.4440
09:38:58	499.51	5.33	600.73	387.06	227.11	72.70	1310.34	79.6551	85.7647	40.3699	2.2930	4.9332	175.3486	1.4552
09:38:59	499.51	5.29	600.73	327.23	211.23	72.46	1312.37	70.4151	75.7653	40.3699	2.3138	4.9826	177.2306	1.4664
09:39:00	499.51	5.22	600.73	294.26	199.02	72.46	1343.39	64.9985	69.9011	39.3521	2.3329	5.0282	179.0520	1.4773
09:39:01	499.51	5.17	600.24	312.58	199.02	72.46	1364.75	50.5013	54.2713	39.4652	2.3477	5.0575	180.8600	1.4883
09:39:02	499.51	5.13	600.73	366.30	211.23	72.70	1396.27	42.6951	45.8587	39.5783	2.3602	5.0823	182.6599	1.4993
09:39:03	499.51	5.08	600.24	461.54	231.99	72.46	1438.98	38.3937	41.2046	40.1437	2.3715	5.1045	184.4640	1.5104
09:39:04	499.51	5.01	600.73	632.48	280.83	72.70	1408.48	40.7834	43.7399	41.2745	2.3835	5.1281	186.3008	1.5219
09:39:05	499.51	4.97	600.73	593.41	274.73	72.46	1366.27	47.7930	51.2313	42.1792	2.3975	5.1558	188.1638	1.5336
09:39:06	499.51	4.90	600.73	448.11	239.32	72.70	1364.24	60.2192	64.4915	43.1969	2.4151	5.1906	190.0456	1.5456
09:39:07	499.39	4.88	600.73	376.07	218.56	72.46	1352.03	82.5226	88.3134	42.5184	2.4393	5.2383	191.8778	1.5574
09:39:08	499.51	4.83	478.63	327.23	202.69	72.46	1282.88	77.4247	82.8107	41.2745	2.4619	5.2831	193.6412	1.5689
09:39:09	499.51	4.83	478.63	273.50	181.93	72.94	1182.71	58.4668	62.4824	41.1614	2.4790	5.3168	195.3776	1.5803
09:39:10	499.39	4.82	478.14	247.88	173.38	73.19	1101.87	49.0675	52.4213	40.8222	2.4933	5.3452	197.0915	1.5917
09:39:11	499.63	4.82	478.63	229.55	167.28	73.19	1009.83	42.6951	45.5851	38.6737	2.5058	5.3648	198.6996	1.6024
09:39:12	499.51	4.82	478.63	212.45	147.74	73.43	970.17	35.6855	38.1010	35.6205	2.5162	5.3812	200.1807	1.6123
09:39:13	499.51	4.81	478.63	195.36	134.31	73.19	937.12	32.3400	34.5237	33.1327	2.5257	5.3960	201.5551	1.6215
09:39:14	499.51	4.83	478.63	170.94	113.55	73.19	825.25	29.9503	31.9727	30.4188	2.5344	5.4098	202.8169	1.6300
09:39:15	499.51	4.83	478.63	155.07	102.56	73.19	754.58	27.7199	29.5917	29.2879	2.5425	5.4225	204.0318	1.6381
09:39:16	499.51	4.87	478.63	144.08	96.46	73.43	730.68	25.4896	27.2051	28.2702	2.5500	5.4342	205.2006	1.6460
09:39:17	499.51	4.89	478.63	123.32	86.69	73.43	803.90	22.3034	23.8131	24.8778	2.5565	5.4445	206.2351	1.6529
09:39:18	499.51	4.93	588.52	114.77	83.03	73.19	751.02	20.2324	21.6019	22.7292	2.5624	5.4538	207.1802	1.6592
09:39:19	499.51	4.96	589.01	109.89	79.37	73.67	688.47	18.7986	20.0804	21.0330	2.5679	5.4624	208.0611	1.6650
09:39:20	499.51	5.02	589.01	103.79	75.70	73.19	735.76	16.0903	17.1919	18.4322	2.5726	5.4698	208.8362	1.6701
09:39:21	499.39	5.05	589.01	102.56	73.26	73.19	731.70	14.9752	16.0086	16.3967	2.5769	5.4783	209.5312	1.6747
09:39:22	499.51	5.10	589.01	101.34	70.82	73.19	709.83	14.3379	15.3345	14.9267	2.5811	5.4864	210.1685	1.6788
09:39:23	499.51	5.14	589.50	100.12	69.60	73.19	705.25	13.5413	14.4931	11.9866	2.5851	5.4941	210.6858	1.6822
09:39:24	499.39	5.19	589.01	98.90	69.60	73.19	694.58	13.3820	14.3285	10.5165	2.5890	5.5017	211.1425	1.6851
09:39:25	499.51	5.23	589.50	98.90	68.38	73.19	707.29	13.2227	14.1667	8.5941	2.5929	5.5092	211.5192	1.6875
09:39:26	499.51	5.27	588.52	97.68	67.16	73.19	704.24	13.0634	14.0039	7.8026	2.5967	5.5166	211.8641	1.6896
09:39:27	499.27	5.32	588.52	97.68	67.16	73.43	695.08	12.9041	13.8417	5.9933	2.6005	5.5240	212.1314	1.6913
09:39:28	499.51	5.37	698.41	96.46	67.16	73.19	685.42	12.9041	13.8496	4.8625	2.6043	5.5313	212.3501	1.6927
09:39:29	499.51	5.40	698.41	96.46	64.71	73.43	681.36	12.7448	13.6863	4.0709	2.6080	5.5385	212.5347	1.6938
09:39:30	499.51	5.44	698.41	95.24	64.71	73.43	679.32	12.7448	13.6948	3.5055	2.6118	5.5458	212.6951	1.6948
09:39:31	499.51	5.47	697.92	95.24	64.71	73.43	678.31	12.5855	13.5327	2.6009	2.6155	5.5543	212.8152	1.6955
09:39:32	499.39	5.49	698.41	94.02	64.71	73.19	679.83	12.5855	13.5390	1.4701	2.6192	5.5628	212.8835	1.6959
09:39:33	499.39	5.49	698.90	94.02	63.49	73.19	679.83	12.4262	13.3738	0.7916	2.6228	5.5712	212.9205	1.6961
09:39:34	499.51	5.47	698.41	94.02	61.05	73.19	677.80	12.4262	13.3800	0.5654	2.6265	5.5796	212.9472	1.6963
09:39:35	499.51	5.44	698.41	94.02	59.83	73.19	680.34	12.2669	13.2112	0.1131	2.6301	5.5879	212.9525	1.6963
09:39:36	499.51	5.41	698.41	94.02	61.05	72.94	679.32	12.2669	13.2112	0.1131	2.6337	5.5962	212.9578	1.6963
09:39:37	499.51	5.35	698.41	94.02	61.05	72.94	682.37	12.2669	13.2084	0.1131	2.6373	5.6045	212.9632	1.6964
09:39:38	499.51	5.28	482.54	95.24	61.05	73.19	677.80	12.2669	13.2030	0.0000	2.6409	5.6128	212.9632	1.6964
09:39:39	499.39	5.17	482.54	94.02	59.83	72.94	679.83	12.2669	13.1969	0.1131	2.6446	5.6211	212.9684	1.6964
09:39:40	499.51	5.09	483.03	94.02	58.61	72.94	679.83	12.2669	13.1867	0.1131	2.6482	5.6294	212.9736	1.6964
09:39:41	499.39	4.98	483.03	94.02	58.17	72.94	678.81	12.4262	13.3421	0.1131	2.6518	5.6351	212.9788	1.6965
09:39:42	499.51	4.83	482.54	92.80	58.17	72.94	680.85	12.2669	13.1561	0.1131	2.6554	5.6409	212.9838	1.6965
09:39:43	499.51	4.74	483.03	92.80	53.72	72.94	680.85	12.2669	13.1419	0.1131	2.6590	5.6466	212.9887	1.6965
09:39:44	499.51	4.58	482.54	94.02	59.83	73.19	680.85	12.2669	13.1189	0.1131	2.6626	5.6523	212.9936	1.6966
09:39:45	499.51	4.47	482.54	96.46	61.05	73.19	679.83	12.1076	12.9271	0.1131	2.6661	5.6579	212.9983	1.6966
09:39:46	499.39	4.25	482.54	97.68	61.05	72.94	679.83	12.1076	12.9111	0.1131	2.6697	5.6635	213.0029	1.6966
09:39:47	499.51	4.14	482.54	101.34	61.05	72.94	678.81	12.2669	13.0506	0.1131	2.6732	5.6691	213.0073	1.6967
09:39:48	499.51	4.00	267.64	101.34	61.05	72.94	680.85	12.5855	13.3723	0.1131	2.6769	5.6749	213.0117	1.6967
09:39:49	499.51	3.83	268.13	102.56	61.05	72.94	681.86	12.7448	13.5024	0.1131	2.6806	5.6808	213.0158	1.6967
09:39:50	499.39	3.73	268.62	101.34	61.05	72.94	680.85	13.2227	13.9877	0.1131	2.6844	5.6869	213.0198	1.6967
09:39:51	499.51	3.58	268.13	98.90	61.05	72.94	681.86	13.2227	13.9631	0.1131	2.6882	5.6902	213.0237	1.6968
09:39:52	499.39	3.50	268.13	97.68	62.27	72.94	680.34	13.3820	14.0984	0.1131	2.6921	5.6936	213.0274	1.6968
09:39:53	499.39	3.38	268.13	100.12	63.49	73.19	681.36	13.2227	13.9125	0.1131	2.6959	5.6970	213.0311	1.6968
09:39:54	499.51	3.30	268.13	100.12	63.49	72.94	682.88	12.9041	13.5505	0.1131	2.6996	5.7003	213.0345	1.6969
09:39:55	499.51	3.18	267.64	98.90	64.71	73.19	681.86	12.7448	13.3687	0.0000	2.7032	5.7035	213.0345	1.6969

09:39:56	499.51	3.12	268.13	97.68	65.93	72.94	681.86	13.0634	13.6808	0.1131	2.7070	5.7068	213.0378	1.6969
09:39:57	499.39	3.05	268.13	97.68	64.71	72.94	682.88	13.0634	13.6659	0.1131	2.7107	5.7101	213.0410	1.6969
09:39:58	499.39	2.99	287.67	96.46	64.71	72.94	681.86	12.9041	13.4789	0.1131	2.7144	5.7133	213.0441	1.6970
09:39:59	499.39	2.92	288.16	97.68	64.71	72.94	678.81	12.7448	13.3008	0.0000	2.7180	5.7165	213.0441	1.6970
09:40:00	499.51	2.87	287.67	97.68	64.71	72.94	680.34	12.7448	13.2883	0.1131	2.7217	5.7197	213.0471	1.6970
09:40:01	499.51	2.83	288.16	95.24	67.16	72.94	684.92	12.5855	13.1120	0.0000	2.7253	5.7231	213.0471	1.6970
09:40:02	499.51	2.80	288.16	95.24	69.60	73.19	684.92	12.7448	13.2655	0.1131	2.7289	5.7266	213.0499	1.6970
09:40:03	499.27	2.79	287.67	97.68	76.92	72.94	686.44	12.7448	13.2579	0.0000	2.7325	5.7300	213.0499	1.6970
09:40:04	499.51	2.76	287.67	97.68	75.70	73.19	698.10	12.4262	12.9184	0.0000	2.7360	5.7333	213.0499	1.6970
09:40:05	476.43	2.76	288.16	98.90	75.70	73.19	1010.85	12.4262	12.9144	0.1131	2.7396	5.7367	213.0527	1.6971
09:40:06	476.56	2.75	287.67	116.00	75.70	72.94	1139.49	12.7448	13.2434	0.1131	2.7432	5.7401	213.0554	1.6971
09:40:07	476.56	2.76	288.16	156.29	81.81	72.94	1301.70	12.7448	13.2386	0.4523	2.7468	5.7435	213.0661	1.6972
09:40:08	476.56	2.76	308.18	185.59	90.35	72.94	1333.22	12.9041	13.4035	4.0709	2.7503	5.7470	213.1629	1.6983
09:40:09	476.56	2.77	308.18	212.45	120.88	73.19	1556.44	15.1345	15.7161	5.2017	2.7544	5.7511	213.2858	1.6998
09:40:10	476.56	2.77	308.18	313.80	158.73	73.19	1764.92	20.3917	21.1787	7.4633	2.7599	5.7566	213.4627	1.7019
09:40:11	476.56	2.80	308.18	549.45	236.87	73.43	1894.58	24.2151	25.1497	8.3680	2.7665	5.7635	213.6612	1.7042
09:40:12	476.56	2.80	308.18	1150.18	431.01	73.19	1798.98	27.7199	28.7943	10.4034	2.7740	5.7715	213.9089	1.7071
09:40:13	476.56	2.83	308.18	1404.15	533.58	73.19	1830.00	40.9427	42.5295	11.9866	2.7851	5.7833	214.1943	1.7104
09:40:14	476.43	2.86	308.18	1566.54	605.62	73.19	1870.17	71.6896	74.4951	13.9089	2.8045	5.8040	214.5288	1.7143
09:40:15	360.07	2.89	308.18	1731.38	684.98	73.19	1562.04	150.0701	155.9431	17.5275	2.8452	5.8472	214.9503	1.7191
09:40:16	360.07	2.91	308.18	1493.28	630.04	73.19	1090.17	183.2066	190.4756	18.9976	2.8949	5.9000	215.4136	1.7244
09:40:17	360.07	2.94	308.18	1079.36	510.38	73.19	1126.78	204.3948	212.5708	20.4676	2.9504	5.9589	215.9168	1.7301
09:40:18	360.07	2.97	340.42	692.31	385.84	73.19	1170.00	225.9017	234.9977	22.2769	2.9967	6.0240	216.4712	1.7363
09:40:19	360.07	2.97	340.42	579.98	339.44	73.43	1223.90	194.8362	202.7342	23.4077	3.0367	6.0802	217.0578	1.7428
09:40:20	360.07	3.02	340.42	540.90	326.01	73.67	1315.93	140.8301	146.5999	24.6516	3.0656	6.1208	217.6821	1.7496
09:40:21	360.07	3.02	339.93	573.87	326.01	73.67	1381.53	90.3288	94.0638	25.6693	3.0841	6.1496	218.3382	1.7568
09:40:22	360.20	3.06	339.93	683.76	345.54	73.43	1445.59	75.6723	78.8013	26.6871	3.0997	6.1738	219.0203	1.7642
09:40:23	360.20	3.08	339.93	949.94	428.57	73.43	1534.58	70.5744	73.5423	28.8356	3.1142	6.1963	219.7699	1.7722
09:40:24	360.20	3.11	339.93	1145.30	488.40	73.19	1592.04	74.8758	78.0245	30.1926	3.1295	6.2201	220.5548	1.7806
09:40:25	260.32	3.12	340.42	1421.24	583.64	73.43	1671.36	89.2137	93.0090	31.5496	3.1479	6.2486	221.3845	1.7893
09:40:26	260.32	3.15	339.93	1549.45	671.55	73.43	1724.75	123.9433	129.2563	33.5850	3.1734	6.2881	222.2746	1.7987
09:40:27	260.32	3.17	340.42	1686.20	761.90	73.43	1797.97	149.4329	155.8953	34.8289	3.2041	6.3357	223.2057	1.8084
09:40:28	260.32	3.19	372.16	1864.47	824.18	73.19	1810.17	185.4369	193.4612	36.5251	3.2317	6.3950	224.1872	1.8185
09:40:29	260.32	3.21	372.16	1759.46	786.32	73.43	1360.68	202.1645	210.9893	37.6559	3.2618	6.4595	225.2078	1.8290
09:40:30	260.32	3.24	372.16	1404.15	587.30	73.19	1373.39	220.0072	229.6587	38.8998	3.2945	6.5298	226.2674	1.8398
09:40:31	260.44	3.25	371.67	981.68	472.53	72.94	1366.27	243.2665	254.0175	40.2568	3.3307	6.6148	227.3721	1.8509
09:40:32	260.32	3.28	372.16	759.46	371.18	72.94	1352.54	229.5658	239.7737	40.7091	3.3649	6.6950	228.4961	1.8623
09:40:33	260.32	3.33	371.67	514.04	277.17	72.94	1350.51	183.2066	191.4227	41.5007	3.3921	6.7591	229.6516	1.8738
09:40:34	260.32	3.38	372.16	410.26	239.32	73.19	1353.56	128.0853	133.8504	41.1614	3.4112	6.8038	230.8018	1.8852
09:40:35	260.81	3.44	371.67	316.24	201.47	72.70	1356.61	99.0909	103.5993	40.8222	3.4260	6.8385	231.9550	1.8966
09:40:36	260.81	3.50	372.16	293.04	190.48	72.94	1359.15	67.0696	70.1648	40.7091	3.4360	6.8620	233.1213	1.9079
09:40:37	260.81	3.55	371.67	278.39	181.93	72.94	1372.88	53.5282	56.0363	40.8222	3.4440	6.8807	234.3087	1.9192
09:40:38	260.81	3.65	558.73	289.38	175.82	72.70	1404.41	41.2613	43.2306	40.9353	3.4502	6.8952	235.5213	1.9306
09:40:39	260.81	3.69	558.73	344.32	181.93	72.70	1424.75	38.2344	40.0884	41.0484	3.4559	6.9086	236.7567	1.9420
09:40:40	260.81	3.76	558.24	401.71	190.48	72.70	1387.12	36.3227	38.1117	41.5007	3.4613	6.9213	238.0251	1.9535
09:40:41	260.93	3.87	558.24	361.42	190.48	72.70	1411.02	37.7565	39.6655	42.4053	3.4670	6.9413	239.3554	1.9653
09:40:42	260.81	3.94	558.24	360.20	188.03	72.70	1433.39	44.9255	47.2263	42.9707	3.4737	6.9650	240.7207	1.9772
09:40:43	260.93	4.10	558.73	413.92	201.47	72.70	1441.53	52.4130	55.1431	41.8399	3.4816	6.9927	242.0726	1.9888
09:40:44	260.81	4.20	558.24	449.33	212.45	72.70	1456.78	47.1558	49.6892	42.6315	3.4887	7.0176	243.4931	2.0007
09:40:45	412.82	4.38	558.24	479.85	227.11	72.70	1471.53	46.9965	49.5650	43.3100	3.4958	7.0425	244.9608	2.0127
09:40:46	412.70	4.51	558.73	518.93	244.20	72.70	1456.78	54.0061	57.0759	43.5361	3.5039	7.0712	246.4947	2.0248
09:40:47	412.82	4.66	558.73	485.96	240.54	72.46	1457.80	58.6261	62.0452	43.9885	3.5128	7.1023	248.0845	2.0370
09:40:48	412.82	4.76	743.35	449.33	233.21	72.70	1466.95	62.6089	66.4332	44.6669	3.5278	7.1357	249.7663	2.0494
09:40:49	412.70	4.95	743.35	454.21	236.87	72.46	1515.26	67.7068	71.9690	44.1015	3.5441	7.1719	251.4771	2.0617
09:40:50	412.70	5.12	742.86	559.22	256.41	72.70	1541.70	63.4054	67.5294	44.1015	3.5593	7.2058	253.2443	2.0739
09:40:51	412.82	5.24	743.35	754.58	327.23	72.46	1549.32	58.6261	62.5231	44.3277	3.5735	7.2476	255.0592	2.0862
09:40:52	412.70	5.35	743.35	777.78	357.75	72.46	1518.81	59.2634	63.3595	45.7978	3.5878	7.2899	257.0081	2.0990
09:40:53	412.82	5.51	743.35	636.14	332.11	72.70	1539.15	72.9640	78.1885	46.7024	3.6054	7.3422	259.0661	2.1119
09:40:54	412.70	5.61	742.86	587.30	313.80	72.46	1519.83	98.4537	105.6612	46.8155	3.6293	7.4128	261.1747	2.1249
09:40:55	499.39	5.71	742.86	540.90	293.04	72.70	1509.66	101.4805	109.0782	45.7978	3.6540	7.4857	263.2837	2.1377
09:40:56	499.39	5.83	743.35	467.64	262.52	72.46	1520.34	83.0006	89.3941	46.4762	3.6742	7.5455	265.4847	2.1506
09:40:57	499.51	5.92	742.86	451.77	252.75	72.70	1539.66	76.6282	82.6456	45.9108	3.6929	7.6007	267.7006	2.1633
09:40:58	499.39	6.05	854.70	482.30	250.31	72.46	1535.09	70.5744	76.2265	45.5716	3.7137	7.6516	269.9384	2.1760
09:40:59	499.51	6.13	854.70	498.17	250.31	72.46	1523.39	61.0158	66.0076	45.9108	3.7317	7.6958	272.2406	2.1887
09:41:00	499.51	6.22	854.21	483.52	242.98	72.46	1540.17	58.9447	63.8426	46.4762	3.7492	7.7384	274.6071	2.2017
09:41:01	499.51	6.27	854.21	485.96	244.20	72.46	1565.59	62.9275	68.2754	46.3631	3.7679	7.7909	277.0208	2.2145
09:41:02	499.51	6.30	854.70	558.00	258.85	72.46	1563.05	64.9985	70.5914	46.0239	3.7872	7.8452	279.4462	2.2273

09:41:03	499.51	6.35	854.70	592.19	273.50	72.46	1569.15	63.0868	68.5962	46.4762	3.8059	7.8979	281.9314	2.2402
09:41:04	499.39	6.42	854.21	671.55	307.69	72.46	1593.56	63.4054	68.9886	47.2678	3.8248	7.9509	284.4795	2.2534
09:41:05	499.51	6.45	854.70	724.05	319.90	72.46	1593.56	72.8047	79.2522	47.1547	3.8465	8.0118	287.0357	2.2665
09:41:06	499.51	6.47	854.70	731.38	332.11	72.46	1601.70	77.2654	84.1554	47.3809	3.8695	8.0765	289.6218	2.2796
09:41:07	499.51	6.49	855.19	744.81	347.99	72.46	1601.70	87.6206	95.5222	47.9463	3.8956	8.1498	292.2676	2.2929
09:41:08	499.51	6.52	967.03	672.77	338.22	72.46	1585.43	94.4709	103.0326	48.0594	3.9238	8.2290	294.9327	2.3063
09:41:09	499.39	6.52	967.52	595.85	313.80	72.46	1591.53	95.4268	104.1018	48.3986	3.9523	8.3091	297.6246	2.3197
09:41:10	499.39	6.54	967.03	577.53	302.81	72.46	1623.05	97.1792	106.0516	48.2855	3.9813	8.3906	300.3217	2.3331
09:41:11	499.51	6.54	967.03	673.99	312.58	72.46	1670.34	87.7799	95.8334	47.7201	4.0075	8.4740	302.9999	2.3464
09:41:12	499.51	6.56	967.52	1029.30	405.37	72.46	1677.46	77.7433	84.8760	48.0594	4.0307	8.5478	305.6973	2.3597
09:41:13	499.51	6.54	967.52	1174.60	463.98	72.46	1678.98	75.3537	82.2862	49.0771	4.0532	8.6194	308.4599	2.3734
09:41:14	499.51	6.54	967.03	1126.98	467.64	72.46	1650.51	87.9392	96.0320	49.9817	4.0794	8.7029	311.2735	2.3873
09:41:15	499.51	6.57	967.03	945.05	420.02	72.46	1660.17	134.2984	146.6876	50.6602	4.1196	8.8305	314.1321	2.4013
09:41:16	499.27	6.55	967.03	769.23	367.52	72.22	1669.32	153.2563	167.3515	51.1125	4.1653	8.9762	317.0077	2.4155
09:41:17	499.51	6.55	967.03	728.50	354.09	72.46	1674.92	147.0432	160.5670	49.6425	4.2092	9.1158	319.8005	2.4293
09:41:18	499.39	6.52	830.77	711.84	341.88	72.46	1669.83	123.3060	134.6950	50.2079	4.2461	9.2329	322.6370	2.4433
09:41:19	499.51	6.49	831.26	673.99	333.33	72.22	1676.95	100.3654	109.6073	50.4341	4.2760	9.3283	325.4777	2.4573
09:41:20	499.51	6.47	830.77	681.32	333.33	72.22	1707.97	94.7895	103.5180	50.4341	4.3043	9.4183	328.3185	2.4713
09:41:21	499.39	6.43	831.26	803.42	369.96	72.46	1702.37	92.8778	101.3938	50.3210	4.3321	9.4940	331.1410	2.4853
09:41:22	499.63	6.40	830.77	891.33	410.26	72.46	1706.44	87.9392	95.9630	49.9817	4.3583	9.5658	333.9311	2.4991
09:41:23	499.51	6.35	830.77	890.11	411.48	72.46	1695.26	88.8950	96.9862	51.4518	4.3848	9.6382	336.7964	2.5134
09:41:24	499.39	6.31	830.77	836.39	382.17	72.70	1678.98	104.8261	114.3027	51.4518	4.4161	9.7237	339.6426	2.5277
09:41:25	499.51	6.27	830.77	664.22	316.24	72.46	1635.76	116.2964	126.7580	51.5649	4.4508	9.8184	342.4813	2.5421
09:41:26	499.39	6.22	830.77	567.77	288.16	72.46	1649.49	116.1371	126.5064	51.2256	4.4854	9.9129	345.2806	2.5563
09:41:27	499.51	6.17	831.26	523.81	264.98	72.22	1681.53	109.1274	118.7977	50.7733	4.5178	10.0017	348.0347	2.5704
09:41:28	499.51	6.15	696.46	611.72	279.61	72.46	1708.98	86.6647	94.2960	49.3033	4.5436	10.0721	350.6925	2.5841
09:41:29	499.39	6.10	696.46	925.52	367.52	72.46	1708.98	74.0792	80.5526	49.8687	4.5657	10.1323	353.3608	2.5979
09:41:30	499.27	6.08	696.46	1004.88	429.79	72.46	1700.34	68.3440	74.2705	50.6602	4.5860	10.1878	356.0509	2.6120
09:41:31	499.51	6.04	696.95	976.80	435.90	72.46	1700.34	79.8144	86.7088	51.5649	4.6097	10.2422	358.7787	2.6263
09:41:32	499.51	5.99	696.46	857.14	422.47	72.46	1644.92	120.7571	131.0938	51.4518	4.6455	10.3243	361.4763	2.6406
09:41:33	499.51	5.97	696.46	711.84	372.41	72.46	1654.56	131.1122	142.2988	51.3387	4.6844	10.4134	364.1594	2.6549
09:41:34	499.51	5.95	696.46	609.28	326.01	72.46	1657.12	127.4481	138.2581	51.3387	4.7222	10.5000	366.8269	2.6691
09:41:35	499.51	5.89	696.46	523.81	282.05	72.46	1620.51	111.8357	121.2467	49.7556	4.7554	10.5760	369.3922	2.6830
09:41:36	499.51	5.89	696.46	478.63	261.29	72.46	1616.95	92.8778	100.6676	49.9817	4.7829	10.6390	371.9607	2.6969
09:41:37	499.51	5.85	696.46	449.33	241.76	72.46	1643.39	79.4957	86.1366	50.0948	4.8065	10.6930	374.5249	2.7108
09:41:38	499.39	5.84	682.78	479.85	244.20	72.22	1684.24	68.3440	73.9924	48.9640	4.8267	10.7393	377.0049	2.7244
09:41:39	499.39	5.82	682.30	598.29	260.07	72.22	1690.17	62.4496	67.6108	48.9640	4.8452	10.7817	379.4849	2.7380
09:41:40	499.39	5.80	682.78	940.17	338.22	72.22	1710.51	58.6261	63.4387	49.5294	4.8626	10.8214	381.9770	2.7517
09:41:41	499.39	5.77	682.30	1090.35	393.16	72.22	1703.39	62.6089	67.7380	50.2079	4.8811	10.8630	384.4981	2.7657
09:41:42	499.51	5.77	682.78	1059.83	406.59	72.22	1699.32	78.0620	84.4353	50.9995	4.9042	10.9148	387.0504	2.7798
09:41:43	499.39	5.73	682.78	941.39	387.06	72.22	1699.32	122.6688	132.6499	51.6780	4.9404	10.9963	389.6279	2.7942
09:41:44	499.51	5.73	682.78	868.13	373.63	72.22	1698.31	142.2639	153.7761	51.4518	4.9825	11.0906	392.1804	2.8085
09:41:45	499.51	5.70	682.78	783.88	355.31	72.22	1698.31	138.2812	149.4711	51.2256	5.0233	11.1824	394.7216	2.8227
09:41:46	499.51	5.70	682.30	757.02	350.43	72.22	1697.29	122.8281	132.6992	51.2256	5.0596	11.2639	397.2456	2.8369
09:41:47	499.51	5.67	682.30	737.48	349.21	72.22	1696.27	113.2695	122.3725	51.2256	5.0931	11.3391	399.7697	2.8512
09:41:48	499.51	5.67	668.13	711.84	338.22	72.22	1695.26	102.2771	110.4626	51.3387	5.1233	11.4069	402.2889	2.8654
09:41:49	499.51	5.64	668.13	694.75	332.11	72.22	1695.26	98.7723	106.6772	51.2256	5.1525	11.4723	404.8026	2.8797
09:41:50	499.51	5.60	668.62	681.32	343.10	72.22	1696.78	96.2233	103.8708	51.2256	5.1809	11.5361	407.2991	2.8939
09:41:51	499.51	5.58	668.13	698.41	354.09	72.46	1726.27	92.8778	100.2594	51.1125	5.2083	11.5963	409.7901	2.9081
09:41:52	499.39	5.55	668.62	844.93	393.16	72.46	1752.20	90.6475	97.8216	51.1125	5.2351	11.6551	412.2708	2.9223
09:41:53	499.39	5.51	668.62	1094.02	460.32	72.22	1729.83	88.8950	95.8713	51.2256	5.2613	11.7127	414.7363	2.9365
09:41:54	499.39	5.50	668.62	1040.29	465.20	72.46	1725.26	91.1254	98.2513	52.0172	5.2881	11.7718	417.2312	2.9510
09:41:55	499.51	5.46	668.13	953.60	428.57	72.22	1737.97	110.2426	118.8207	52.9218	5.3206	11.8432	419.7571	2.9657
09:41:56	499.39	5.44	668.13	884.00	406.59	72.22	1747.12	142.7419	153.7774	52.3564	5.3627	11.9357	422.2401	2.9802
09:41:57	499.39	5.40	668.13	914.53	406.59	72.22	1761.87	135.7322	146.1957	52.0172	5.4027	12.0236	424.7001	2.9947
09:41:58	499.39	5.36	584.62	1017.09	449.33	72.22	1781.19	124.4212	133.9438	52.4695	5.4393	12.1041	427.1638	3.0092
09:41:59	499.39	5.31	584.62	1168.50	473.75	72.22	1768.44	115.3405	124.1297	52.8088	5.4732	12.1787	429.6328	3.0239
09:42:00	499.39	5.26	585.10	1094.02	459.10	71.98	1768.44	119.3233	128.3498	53.1480	5.5083	12.2558	432.0998	3.0387
09:42:01	499.51	5.21	584.62	985.35	427.35	72.22	1769.49	132.7053	142.6780	53.7134	5.5473	12.3308	434.5768	3.0536
09:42:02	499.51	5.15	584.62	938.95	410.26	72.22	1772.03	152.4598	163.8157	53.3742	5.5921	12.4169	437.0167	3.0684
09:42:03	499.51	5.12	584.62	1003.66	424.91	72.22	1811.19	142.7419	153.2554	53.3742	5.6340	12.4976	439.4297	3.0832
09:42:04	499.39	5.06	585.10	1095.24	444.44	72.22	1799.49	128.5633	137.9472	53.3742	5.6717	12.5701	441.8211	3.0981
09:42:05	499.39	5.03	584.62	1169.72	492.06	72.22	1801.02	122.5095	131.3567	53.4873	5.7077	12.6392	444.1925	3.1129
09:42:06	499.39	4.99	584.62	1141.64	498.17	72.22	1809.15	130.9529	140.3375	54.7311	5.7460	12.7130	446.6007	3.1281
09:42:07	499.51	4.97	584.62	1120.88	488.40	72.22	1808.14	142.9012	153.0393	54.5050	5.7879	12.7935	448.9751	3.1433
09:42:08	499.39	4.94	498.68	1069.60	462.76	72.22	1795.42	152.6191	163.3707	54.5050	5.8326	12.8794	451.3330	3.1584
09:42:09	499.39	4.92	498.68	974.36	431.01	71.98	1796.95	148.9550	159.3662	54.7311	5.8761	12.9632	453.6823	3.1736

09:42:10	499.51	4.90	499.15	913.31	394.38	72.22	1804.58	146.2467	156.4283	54.5050	5.9189	13.0454	456.0128	3.1888
09:42:11	499.51	4.88	499.15	898.66	385.84	72.22	1773.56	139.5557	149.2175	54.1657	5.9597	13.1123	458.3160	3.2038
09:42:12	499.51	4.86	498.66	746.03	346.76	72.22	1771.53	127.1295	135.8960	54.2788	5.9969	13.1733	460.6149	3.2189
09:42:13	499.51	4.85	499.15	700.85	332.11	72.22	1795.42	119.1640	127.3484	54.6181	6.0317	13.2304	462.9190	3.2340
09:42:14	472.04	4.85	499.15	820.51	367.52	72.22	1797.97	117.2523	125.2665	53.4873	6.0660	13.2867	465.1646	3.2489
09:42:15	471.92	4.83	498.66	887.67	391.94	71.98	1783.73	97.3385	103.9648	53.6003	6.0944	13.3333	467.4060	3.2638
09:42:16	471.92	4.83	498.66	932.84	406.59	72.22	1814.75	91.4440	97.6489	54.2788	6.1211	13.3771	469.6685	3.2789
09:42:17	471.92	4.83	498.66	932.84	406.59	72.22	1814.75	107.0564	114.3149	54.2788	6.1506	13.4285	471.9309	3.2940
09:42:18	471.92	4.82	544.57	1042.73	452.99	72.22	1795.42	115.8185	123.6518	53.8265	6.1826	13.4839	474.1691	3.3089
09:42:19	471.79	4.83	544.57	964.59	432.23	72.22	1797.46	121.7129	129.9450	54.8442	6.2162	13.5422	476.4496	3.3241
09:42:20	472.04	4.85	544.57	940.17	413.92	72.22	1801.02	121.7129	129.9450	54.8442	6.2497	13.6005	478.7301	3.3394
09:42:21	472.04	4.86	544.08	932.84	404.15	72.22	1803.05	136.0507	145.2300	54.1657	6.2873	13.6716	480.9769	3.3544
09:42:22	471.79	4.88	544.57	957.26	416.36	72.22	1808.14	125.8550	134.3672	54.2788	6.3220	13.7374	483.2339	3.3695
09:42:23	471.92	4.88	544.57	986.57	433.46	72.46	1808.14	122.6688	130.9858	54.3919	6.3558	13.8015	485.5010	3.3846
09:42:24	409.65	4.91	544.57	1025.64	465.20	72.46	1808.14	121.7129	129.9853	54.5050	6.3894	13.8651	487.7784	3.3997
09:42:25	409.77	4.91	544.08	1043.96	474.97	72.22	1824.92	124.8991	133.4293	54.7311	6.4239	13.9305	490.0763	3.4149
09:42:26	409.89	4.93	544.08	1174.60	503.05	72.46	1858.98	128.7226	137.5139	54.7311	6.4594	13.9978	492.3741	3.4302
09:42:27	409.77	4.95	590.48	1542.12	631.26	72.46	1865.59	133.8204	142.9952	54.6181	6.4915	14.0679	494.6801	3.4453
09:42:28	409.77	4.98	590.48	1622.71	660.56	72.46	1871.19	136.2102	145.5489	55.0704	6.5241	14.1391	497.0051	3.4606
09:42:29	409.65	4.98	590.48	1621.49	641.03	72.46	1871.19	153.2563	163.8145	56.0881	6.5609	14.2192	499.3844	3.4762
09:42:30	409.65	5.01	590.48	1471.31	566.54	72.46	1867.12	201.2086	215.1147	56.3143	6.6092	14.3335	501.7809	3.4918
09:42:31	409.77	5.01	590.48	1362.64	527.47	72.22	1868.65	211.7231	226.4493	56.5404	6.6600	14.4537	504.2022	3.5075
09:42:32	409.77	5.05	590.96	1235.65	487.18	72.22	1869.66	211.5638	226.2789	56.4273	6.7107	14.5739	506.6186	3.5232
09:42:33	409.77	5.05	590.48	1177.05	476.19	72.22	1869.66	191.9687	205.4162	56.3143	6.7568	14.6830	509.0472	3.5389
09:42:34	409.77	5.07	590.48	1144.08	465.20	72.22	1870.68	177.7901	190.2444	56.3143	6.7995	14.7840	511.4759	3.5545
09:42:35	353.24	5.07	590.48	1156.29	462.76	72.46	1872.71	161.2218	172.5957	56.3143	6.8382	14.8757	513.9215	3.5702
09:42:36	353.24	5.10	590.96	1161.17	468.86	72.46	1873.73	153.5750	164.4093	56.5404	6.8751	14.9630	516.3770	3.5859
09:42:37	353.24	5.10	590.48	1152.63	471.31	72.22	1871.70	149.2736	159.8540	56.5404	6.9109	15.0479	518.8438	3.6016
09:42:38	353.24	5.10	566.54	1141.64	465.20	72.22	1871.70	150.8667	161.5433	56.5404	6.9422	15.1337	521.3107	3.6173
09:42:39	353.24	5.07	566.54	1106.23	467.64	72.22	1870.68	151.5039	162.2758	56.5404	6.9736	15.2200	523.7890	3.6330
09:42:40	353.24	5.09	567.03	1063.49	472.53	72.22	1868.65	150.3887	161.0814	56.5404	7.0047	15.3055	526.2672	3.6487
09:42:41	353.24	5.07	566.54	1069.60	467.64	72.22	1863.05	148.9550	159.5456	56.5404	7.0356	15.3868	528.7455	3.6644
09:42:42	353.11	5.08	566.54	982.91	444.44	72.46	1852.88	144.3350	154.5493	56.6535	7.0655	15.4655	531.2173	3.6801
09:42:43	353.11	5.06	566.54	936.51	431.01	72.22	1869.66	138.7591	148.6172	56.3143	7.0942	15.5413	533.6837	3.6958
09:42:44	353.24	5.06	567.03	1014.65	443.22	72.22	1877.29	139.5557	149.4318	56.2012	7.1231	15.6175	536.1358	3.7114
09:42:45	305.25	5.06	566.54	1073.26	457.88	72.22	1815.76	128.2446	137.3415	55.9750	7.1496	15.6874	538.5836	3.7269
09:42:46	305.37	5.06	566.54	886.45	420.02	72.46	1829.49	122.1909	130.8246	56.4273	7.1749	15.7541	541.0418	3.7426
09:42:47	305.25	5.06	542.12	813.19	401.71	72.46	1829.49	132.3867	141.7409	56.6535	7.2024	15.8264	543.5098	3.7583
09:42:48	305.25	5.05	542.12	797.31	399.27	72.46	1829.49	140.0336	149.9149	55.1835	7.2274	15.9027	545.9137	3.7737
09:42:49	305.37	5.05	542.12	794.87	387.06	72.22	1829.49	115.6591	123.8205	55.1835	7.2481	15.9658	548.3177	3.7890
09:42:50	305.37	5.05	542.61	826.62	385.84	72.46	1831.53	106.1006	113.5874	55.2965	7.2671	16.0212	550.7266	3.8044
09:42:51	305.25	5.05	542.61	868.13	389.50	72.46	1835.59	104.0295	111.3530	55.2965	7.2857	16.0755	553.1299	3.8197
09:42:52	305.25	5.05	542.61	896.21	407.81	72.22	1841.70	103.7109	111.0120	55.1835	7.3043	16.1296	555.5283	3.8350
09:42:53	305.37	5.05	542.61	1026.88	446.89	72.46	1868.65	107.8530	115.4456	55.2965	7.3236	16.1860	557.9316	3.8504
09:42:54	305.25	5.06	542.12	1256.41	536.02	72.46	1896.10	113.2695	121.2435	55.5227	7.3438	16.2451	560.3447	3.8658
09:42:55	276.31	5.08	542.12	1614.16	670.33	72.22	1902.20	116.9336	125.1655	55.5227	7.3647	16.3062	562.7578	3.8812
09:42:56	276.31	5.08	542.12	1673.99	698.41	72.22	1905.76	133.9798	143.4118	56.5404	7.3887	16.3762	565.2152	3.8970
09:42:57	276.31	5.08	542.61	1660.56	678.88	72.22	1912.37	163.9301	175.4976	57.2189	7.4180	16.4618	567.7078	3.9128
09:42:58	276.31	5.09	552.38	1672.77	678.88	72.22	1942.88	210.6079	225.4921	57.3320	7.4522	16.5717	570.2112	3.9288
09:42:59	276.19	5.08	552.38	1825.40	777.78	72.22	1947.46	218.4141	233.8500	57.5582	7.4875	16.6857	572.7244	3.9448
09:43:00	276.31	5.08	552.38	1863.25	803.42	72.46	1928.14	216.6617	231.9738	57.7843	7.5226	16.7989	575.2474	3.9608
09:43:01	276.31	5.08	552.87	1698.41	711.84	72.22	1907.80	218.2548	233.7156	58.6890	7.5580	16.9150	577.8159	3.9771
09:43:02	276.31	5.08	552.38	1372.41	608.06	72.46	1903.22	238.1685	255.0005	58.9151	7.5965	17.0417	580.3884	3.9935
09:43:03	276.31	5.08	552.38	1214.90	554.33	72.22	1919.49	243.1071	260.2882	58.2367	7.6359	17.1710	582.9312	4.0097
09:43:04	276.31	5.08	552.87	1181.93	544.57	72.46	1924.07	221.6003	237.2614	57.5582	7.6718	17.2890	585.4444	4.0256
09:43:05	237.24	5.08	552.87	1231.99	547.01	72.46	1920.00	179.0645	191.7195	57.5582	7.7008	17.3842	587.9576	4.0416
09:43:06	237.24	5.08	552.38	1213.68	514.04	72.46	1910.34	158.5136	169.7161	58.0105	7.7265	17.4685	590.4906	4.0577
09:43:07	237.24	5.08	552.87	1173.38	485.96	72.22	1908.31	154.2122	165.1108	58.1236	7.7515	17.5506	593.0285	4.0739
09:43:08	237.24	5.06	563.13	1140.42	459.10	72.46	1908.31	160.7439	172.0918	58.1236	7.7738	17.6362	595.5664	4.0900
09:43:09	237.24	5.04	563.13	1133.09	456.65	72.22	1925.59	158.3543	169.5334	57.7843	7.7958	17.7204	598.0894	4.1061
09:43:10	237.24	5.04	562.64	1312.58	523.81	72.46	1950.51	153.0970	163.9050	57.5582	7.8171	17.8019	600.6026	4.1221
09:43:11	237.24	5.01	563.13	1533.58	628.82	72.70	1939.32	148.7957	159.2672	57.6712	7.8378	17.8826	603.1130	4.1381
09:43:12	237.24	5.01	563.13	1555.56	621.49	72.46	1942.88	147.8398	158.2114	58.1236	7.8584	17.9627	605.6353	4.1542
09:43:13	237.36	4.97	563.13	1523.81	615.38	72.22	1944.41	171.2584	183.2729	58.8020	7.8822	18.0554	608.1870	4.1706
09:43:14	216.85	4.96	563.13	1462.76	606.84	72.46	1939.32	200.0935	214.0314	58.4628	7.9100	18.1638	610.7063	4.1868
09:43:15	216.85	4.94	563.13	1421.24	605.62	72.46	1951.02	202.9610	217.0988	58.6890	7.9382	18.2738	613.2354	4.2031
09:43:16	216.85	4.91	563.13	1531.14	638.58	72.46	1982.04	198.8190	212.5695	58.6890	7.9658	18.3814	615.7467	4.2194

09:43:17	216.73	4.89	562.64	1776.58	741.15	72.46	1968.81	190.8535	203.9928	58.6890	7.9900	18.4847	618.2482	4.2357
09:43:18	216.85	4.87	570.45	1732.60	738.28	72.70	1971.36	185.4369	198.1522	58.9151	8.0135	18.5851	620.7494	4.2521
09:43:19	216.85	4.87	570.45	1597.07	678.88	72.70	1963.73	199.7748	213.3961	59.7067	8.0389	18.6931	623.2702	4.2687
09:43:20	216.85	4.86	570.94	1501.83	638.58	72.46	1961.19	231.7961	247.5495	59.3675	8.0683	18.8184	625.7687	4.2852
09:43:21	216.85	4.86	570.45	1423.69	617.83	72.46	1973.39	226.0610	241.3499	59.5936	8.0969	18.9422	628.2647	4.3017
09:43:22	216.85	4.86	570.45	1472.53	615.38	72.46	1974.92	208.3776	222.4705	59.4805	8.1233	19.0564	630.7559	4.3182
09:43:23	216.85	4.88	570.45	1498.17	595.85	72.46	1971.87	195.9514	209.1715	59.1413	8.1482	19.1638	633.2270	4.3347
09:43:24	199.88	4.88	570.94	1448.11	543.35	72.46	1959.15	185.7556	198.2878	59.3675	8.1717	19.2655	635.7076	4.3512
09:43:25	199.88	4.90	570.45	1297.92	512.82	72.46	1960.17	192.1280	205.0901	59.7067	8.1961	19.3707	638.2023	4.3677
09:43:26	200.00	4.88	570.45	1216.12	488.40	72.22	1934.75	195.4735	208.7260	59.5936	8.2208	19.4778	640.7043	4.3843
09:43:27	199.88	4.90	578.75	1000.00	448.11	72.22	1895.59	188.9418	201.7452	58.9151	8.2429	19.5814	643.1778	4.4007
09:43:28	199.88	4.90	579.24	854.70	404.15	72.46	1897.63	169.3466	180.8596	59.1413	8.2627	19.6742	645.6687	4.4171
09:43:29	199.88	4.91	578.75	749.69	361.42	72.46	1902.20	158.6729	169.4252	58.4628	8.2813	19.7611	648.1232	4.4333
09:43:30	199.88	4.92	578.75	788.77	360.20	72.22	1903.73	130.4750	139.3453	57.2189	8.2965	19.8336	650.5332	4.4492
09:43:31	200.00	4.92	578.75	853.48	365.08	72.22	1905.26	111.5171	119.0985	57.4451	8.3095	19.8956	652.9527	4.4652
09:43:32	200.00	4.92	578.75	926.74	387.06	72.46	1867.12	97.8164	104.4826	57.5582	8.3210	19.9500	655.3828	4.4812
09:43:33	200.00	4.92	578.75	844.93	371.18	72.46	1858.95	102.9143	109.9450	57.4451	8.3330	20.0073	657.8139	4.4971
09:43:34	200.00	4.92	579.24	749.69	347.99	72.22	1860.00	111.3578	118.9652	57.4451	8.3460	20.0692	660.2450	4.5131
09:43:35	195.48	4.92	578.75	719.17	332.11	72.22	1863.56	120.9164	129.1768	56.3143	8.3602	20.1364	662.6282	4.5287
09:43:36	195.36	4.92	579.24	760.68	340.68	72.22	1867.63	110.2426	117.7739	55.9750	8.3731	20.1977	664.9971	4.5443
09:43:37	195.48	4.92	574.85	890.11	373.63	71.98	1878.81	97.8164	104.4988	56.2012	8.3845	20.2522	667.3755	4.5599
09:43:38	195.36	4.94	574.85	1003.66	406.59	72.22	1887.46	93.8337	100.2431	56.3143	8.3952	20.3043	669.7588	4.5755
09:43:39	195.48	4.96	574.36	1131.87	440.78	71.98	1891.02	99.2502	106.0296	56.5404	8.4066	20.3596	672.1516	4.5912
09:43:40	195.48	4.96	574.36	1184.37	468.42	72.46	1844.75	116.1371	124.0700	56.7666	8.4199	20.4237	674.5539	4.6070
09:43:41	195.36	4.97	574.36	1031.75	465.20	72.22	1831.53	130.9529	139.9412	56.9928	8.4348	20.4960	676.9774	4.6228
09:43:42	195.48	4.97	575.34	886.45	443.22	72.46	1831.53	147.6805	157.8413	56.8797	8.4517	20.5776	679.4017	4.6386
09:43:43	195.48	4.99	574.36	753.36	395.60	72.22	1832.54	154.5308	165.1630	55.6358	8.4694	20.6629	681.7731	4.6541
09:43:44	195.36	4.97	574.36	727.72	401.71	72.22	1838.14	134.6171	143.9088	55.2965	8.4848	20.7372	684.1374	4.6695
09:43:45	180.95	5.01	574.85	822.95	415.14	72.22	1846.27	115.6591	123.6424	55.2965	8.4980	20.8012	686.5017	4.6848
09:43:46	180.95	5.01	574.36	915.75	438.34	72.22	1838.65	98.2943	105.1061	55.2965	8.5093	20.8555	688.8753	4.7002
09:43:47	180.95	5.01	574.85	952.38	454.21	72.22	1835.59	94.9488	101.5078	55.6358	8.5201	20.9079	691.2559	4.7156
09:43:48	180.95	5.01	568.50	957.26	467.64	72.46	1836.61	107.3750	114.8367	55.7489	8.5315	20.9673	693.6564	4.7311
09:43:49	180.95	4.99	568.50	968.25	482.30	72.46	1836.61	119.4826	127.7856	55.5227	8.5442	21.0333	696.0472	4.7465
09:43:50	180.95	4.99	568.99	970.70	474.97	72.46	1840.17	124.2619	132.8971	55.5227	8.5573	21.1020	698.4380	4.7620
09:43:51	180.95	4.98	568.50	1013.43	488.40	72.46	1841.70	124.8991	133.5786	55.6358	8.5706	21.1703	700.8336	4.7774
09:43:52	180.95	4.98	568.50	1052.50	490.84	72.46	1837.12	126.3329	135.0841	55.5227	8.5839	21.2394	703.2169	4.7928
09:43:53	180.95	4.94	568.50	992.67	452.99	72.70	1833.05	126.6516	135.4248	55.6358	8.5974	21.3087	705.6050	4.8083
09:43:54	180.95	4.91	568.50	940.17	422.47	72.70	1815.76	132.2274	141.3651	55.5227	8.6114	21.3809	707.9827	4.8237
09:43:55	161.78	4.91	568.50	853.48	389.50	73.43	1754.75	137.3253	146.8153	55.4096	8.6259	21.4560	710.3556	4.8391
09:43:56	161.78	4.85	568.50	660.56	313.80	72.46	1601.70	129.5191	138.3982	55.2965	8.6396	21.5268	712.7051	4.8545
09:43:57	161.78	4.83	568.01	554.33	275.95	72.46	1561.36	122.6688	131.0241	54.8442	8.6526	21.5937	715.0205	4.8697
09:43:58	161.90	4.79	485.96	479.85	256.41	72.70	1541.19	111.3578	118.9385	52.9218	8.6631	21.6546	717.2549	4.8844
09:43:59	161.78	4.76	485.96	407.81	231.99	72.46	1470.51	86.1868	91.9827	48.2855	8.6713	21.7016	719.2691	4.8978
09:44:00	161.78	4.72	486.45	361.42	216.12	72.70	1394.24	72.3268	77.1707	47.6070	8.6781	21.7410	721.2471	4.9110
09:44:01	161.78	4.68	485.96	302.81	202.69	72.46	1335.25	62.6089	66.7675	46.4762	8.6840	21.7702	723.1625	4.9239
09:44:02	161.90	4.65	486.45	275.95	185.59	72.70	1328.64	53.2096	56.7234	44.3277	8.6891	21.7950	724.9789	4.9363
09:44:03	161.78	4.62	486.94	256.41	163.61	72.70	1296.10	47.1558	50.2438	42.0661	8.6935	21.8170	726.6885	4.9479
09:44:04	161.78	4.58	486.45	234.43	140.42	72.46	1276.78	39.5089	42.0701	40.2568	8.6972	21.8353	728.3083	4.9591
09:44:05	158.85	4.55	486.45	228.33	135.53	72.46	1261.53	36.0041	38.3242	40.0306	8.7006	21.8521	729.9096	4.9702
09:44:06	158.85	4.51	486.45	219.78	131.87	72.22	1246.27	33.4551	35.5944	39.1260	8.7038	21.8677	731.4630	4.9811
09:44:07	158.85	4.48	486.45	206.35	117.22	72.70	1182.71	30.5875	32.5300	38.6737	8.7067	21.8819	732.9879	4.9919
09:44:08	158.85	4.44	404.40	197.80	111.11	72.70	1110.00	29.7910	31.6663	38.3344	8.7094	21.8958	734.4866	5.0025
09:44:09	158.85	4.40	404.40	188.03	114.77	72.94	1012.37	28.6758	30.4684	37.8821	8.7121	21.9091	735.9575	5.0130
09:44:10	158.85	4.39	404.40	179.49	106.23	72.94	963.05	26.9234	28.5931	35.6205	8.7146	21.9216	737.3298	5.0229
09:44:11	158.73	4.35	403.91	167.26	98.90	72.94	887.46	25.8082	27.3960	33.4719	8.7170	21.9316	738.6092	5.0322
09:44:12	158.85	4.35	404.40	147.74	87.91	72.94	799.32	24.5338	26.0297	30.5318	8.7192	21.9411	739.7659	5.0407
09:44:13	158.85	4.31	404.40	130.65	81.81	72.70	742.37	23.4186	24.8401	29.0618	8.7214	21.9501	740.8621	5.0488
09:44:14	154.82	4.31	404.40	119.68	76.92	72.70	710.85	21.8255	23.1395	26.2348	8.7234	21.9585	741.8437	5.0561
09:44:15	154.82	4.31	403.91	112.33	73.26	72.70	742.37	19.2765	20.4371	24.0862	8.7252	21.9659	742.7449	5.0628
09:44:16	154.82	4.30	404.40	108.87	69.60	73.19	828.81	17.0462	18.0622	22.5031	8.7267	21.9725	743.5786	5.0690
09:44:17	154.82	4.30	404.40	105.01	69.60	73.19	774.41	15.6124	16.5428	21.3723	8.7281	21.9785	744.3704	5.0749
09:44:18	154.82	4.27	367.77	103.79	68.38	72.94	723.56	14.6565	15.5300	20.2415	8.7295	21.9842	745.1202	5.0806
09:44:19	154.82	4.25	367.77	103.79	65.93	72.94	670.17	14.1786	15.0212	18.7714	8.7307	21.9896	745.8138	5.0858
09:44:20	154.82	4.25	367.77	102.56	65.93	72.94	736.78	13.7007	14.5149	16.8491	8.7320	21.9949	746.4363	5.0905
09:44:21	154.82	4.21	367.77	102.56	64.71	72.70	707.29	13.5413	14.3409	15.7182	8.7332	21.9996	747.0133	5.0948
09:44:22	154.82	4.16	368.25	102.56	64.71	72.94	697.63	13.5413	14.3379	14.3613	8.7344	22.0044	747.5386	5.0988
09:44:23	154.82	4.14	367.77	102.56	64.71	73.19	691.53	13.3820	14.1693	12.0997	8.7356	22.0091	747.9812	5.1022

09:44:24	125.03	4.09	367.77	102.56	68.38	72.94	699.15	13.3820	14.1605	8.8203	8.7368	22.0137	748.3002	5.1046
09:44:25	125.03	4.01	367.77	102.56	73.26	72.94	685.93	13.3820	14.1524	6.8979	8.7380	22.0184	748.5472	5.1065
09:44:26	125.03	3.95	368.25	102.56	76.92	72.94	685.93	13.3820	14.1480	5.2017	8.7392	22.0231	748.7324	5.1080
09:44:27	125.03	3.85	367.77	102.56	74.46	72.94	681.36	13.3820	14.1384	3.6186	8.7402	22.0278	748.8598	5.1090
09:44:28	125.03	3.78	334.07	102.56	73.26	73.19	678.81	13.3820	14.1238	2.2616	8.7411	22.0325	748.9379	5.1096
09:44:29	125.03	3.67	334.07	102.56	68.38	72.70	681.86	13.3820	14.1114	1.3570	8.7421	22.0371	748.9839	5.1100
09:44:30	125.03	3.60	334.07	103.79	65.93	72.70	681.86	13.3820	14.0931	0.6785	8.7431	22.0418	749.0064	5.1102
09:44:31	125.03	3.47	334.07	102.56	64.71	72.94	681.86	13.3820	14.0792	0.4523	8.7440	22.0460	749.0211	5.1103
09:44:32	125.03	3.39	334.07	102.56	64.71	72.94	681.86	13.3820	14.0595	0.1131	8.7450	22.0502	749.0247	5.1103
09:44:33	125.03	3.26	334.07	101.34	63.49	72.94	681.86	13.5413	14.2136	0.1131	8.7460	22.0545	749.0282	5.1104
09:44:34	109.52	3.16	334.07	98.90	61.05	72.70	681.86	13.3820	14.0216	0.0000	8.7469	22.0587	749.0282	5.1104
09:44:35	109.65	3.05	334.07	102.56	61.05	72.70	679.32	13.3820	14.0070	0.1131	8.7479	22.0629	749.0315	5.1104
09:44:36	109.65	2.94	334.07	102.56	61.05	72.70	680.85	13.2227	13.8159	0.1131	8.7488	22.0671	749.0346	5.1104
09:44:37	109.65	2.78	205.62	102.56	59.83	72.70	680.85	12.9041	13.4658	0.1131	8.7496	22.0711	749.0377	5.1105
09:44:38	109.65	2.69	199.27	100.12	57.39	72.70	677.80	13.3820	13.9435	0.1131	8.7505	22.0753	749.0407	5.1105
09:44:39	109.65	2.51	199.76	97.68	56.17	72.70	679.32	13.3820	13.9239	0.1131	8.7513	22.0795	749.0435	5.1105
09:44:40	109.52	2.42	199.27	96.46	56.17	72.70	682.88	13.3820	13.8935	0.1131	8.7521	22.0821	749.0462	5.1106
09:44:41	109.65	2.31	199.76	96.46	56.17	72.46	680.85	13.0634	13.5457	0.0000	8.7529	22.0845	749.0462	5.1106
09:44:42	109.65	2.14	199.27	96.46	61.05	72.70	679.83	12.7448	13.1844	0.0000	8.7537	22.0869	749.0462	5.1106
09:44:43	109.65	2.03	199.76	97.68	62.27	72.70	682.37	12.5855	13.0033	0.1131	8.7545	22.0892	749.0486	5.1106
09:44:44	109.65	1.94	199.27	100.12	63.49	72.70	679.32	12.5855	12.9843	0.1131	8.7553	22.0915	749.0508	5.1106
09:44:45	95.24	1.84	199.76	100.12	62.27	72.70	679.32	12.5855	12.9559	0.1131	8.7561	22.0939	749.0529	5.1107
09:44:46	95.12	1.78	199.27	98.90	61.05	72.70	676.78	12.7448	13.1000	0.0000	8.7569	22.0962	749.0529	5.1107
09:44:47	95.12	1.71	65.93	98.90	62.27	72.46	679.83	13.0634	13.4107	0.1131	8.7577	22.0986	749.0548	5.1107
09:44:48	95.24	1.65	65.45	100.12	70.82	72.70	679.83	13.0634	13.3928	0.1131	8.7584	22.1010	749.0566	5.1107
09:44:49	95.12	1.60	65.45	101.34	79.37	72.70	680.85	12.9041	13.2184	0.1131	8.7591	22.1034	749.0583	5.1108
09:44:50	95.12	1.56	65.45	101.34	79.37	72.70	680.85	12.9041	13.2060	0.1131	8.7597	22.1042	749.0600	5.1108
09:44:51	95.24	1.54	65.45	100.12	73.26	72.70	680.85	13.0634	13.3592	0.1131	8.7604	22.1050	749.0616	5.1108
09:44:52	95.12	1.53	65.45	97.68	67.16	72.70	682.37	13.2227	13.5130	0.1131	8.7611	22.1058	749.0632	5.1108
09:44:53	95.12	1.51	65.93	96.46	63.49	72.94	691.02	13.2227	13.5059	0.1131	8.7618	22.1066	749.0647	5.1109
09:44:54	95.12	1.51	65.93	95.24	61.05	72.94	691.02	13.0634	13.3397	0.1131	8.7625	22.1073	749.0662	5.1109
09:44:55	79.73	1.52	65.93	95.24	58.61	72.70	770.85	12.7448	13.0116	0.4523	8.7632	22.1081	749.0721	5.1110
09:44:56	79.85	1.54	65.93	98.90	58.61	72.70	1038.81	12.5855	12.8456	2.4878	8.7639	22.1089	749.1044	5.1117
09:44:57	79.85	1.56	65.45	103.79	63.49	72.46	1245.76	12.4262	12.6830	2.7139	8.7645	22.1096	749.1396	5.1125
09:44:58	79.85	1.59	188.03	155.07	75.70	72.70	1382.54	12.4262	12.6853	3.5055	8.7651	22.1104	749.1855	5.1135
09:44:59	79.85	1.61	187.55	189.26	84.25	72.46	894.41	12.9041	13.1759	4.9756	8.7657	22.1111	749.2513	5.1148
09:45:00	79.85	1.64	187.55	184.37	85.47	72.46	877.12	13.5413	13.8309	6.7849	8.7663	22.1120	749.3425	5.1167
09:45:01	79.85	1.69	188.03	173.38	86.69	72.46	1352.03	20.2324	20.6715	9.1596	8.7672	22.1155	749.4674	5.1193
09:45:02	79.85	1.74	187.55	195.36	91.58	72.46	1347.97	24.6931	25.2383	7.2372	8.7683	22.1197	749.5678	5.1213
09:45:03	79.73	1.80	187.55	213.68	97.68	72.46	1281.86	24.0558	24.5960	6.7849	8.7694	22.1239	749.6635	5.1232
09:45:04	79.85	1.85	187.55	228.33	103.79	72.46	1507.63	22.6220	23.1470	9.2726	8.7704	22.1278	749.7986	5.1257
09:45:05	77.29	1.90	188.03	278.39	122.10	72.70	1671.87	25.4896	26.0975	10.0642	8.7715	22.1322	749.9494	5.1285
09:45:06	77.29	1.96	187.55	433.46	184.37	72.70	1627.12	27.8793	28.5665	9.4988	8.7728	22.1370	750.0965	5.1312
09:45:07	77.29	2.01	187.55	564.10	249.08	72.46	1410.51	29.7910	30.5461	10.9688	8.7741	22.1422	750.2711	5.1342
09:45:08	77.29	2.07	310.13	564.10	262.52	72.46	960.00	36.3227	37.2666	12.0997	8.7757	22.1485	750.4686	5.1376
09:45:09	77.17	2.17	310.13	378.51	214.90	72.70	740.34	56.5551	58.0702	15.1528	8.7781	22.1582	750.7236	5.1418
09:45:10	77.29	2.23	310.13	286.94	169.72	72.46	783.56	73.6013	75.6245	15.8313	8.7813	22.1710	750.9969	5.1462
09:45:11	77.29	2.32	310.13	210.01	122.10	72.46	996.61	73.6013	75.6916	14.1351	8.7845	22.1921	751.2490	5.1501
09:45:12	77.29	2.38	309.65	188.03	106.23	72.70	1146.10	49.3861	50.8578	13.5697	8.7867	22.2063	751.5029	5.1539
09:45:13	77.17	2.44	309.65	184.37	102.56	72.46	1222.37	37.4379	38.5796	13.2305	8.7883	22.2171	751.7562	5.1576
09:45:14	77.29	2.51	309.65	192.92	102.56	72.46	984.41	27.4013	28.2739	13.4566	8.7895	22.2249	752.0251	5.1613
09:45:15	84.25	2.57	309.65	186.81	98.90	72.70	743.39	24.5338	25.3335	14.1351	8.7906	22.2320	752.3142	5.1652
09:45:16	84.25	2.64	310.62	153.85	87.91	72.70	739.83	24.0558	24.8620	14.7005	8.7916	22.2389	752.6233	5.1693
09:45:17	84.25	2.69	310.13	134.31	83.03	72.70	833.39	25.1710	26.0376	14.7005	8.7927	22.2462	752.9408	5.1734
09:45:18	84.25	2.75	347.74	129.43	81.81	72.46	1210.17	24.3744	25.2337	13.7959	8.7939	22.2532	753.2457	5.1772
09:45:19	84.25	2.80	347.74	146.52	91.58	72.70	1331.70	20.0731	20.7991	13.4566	8.7949	22.2590	753.5508	5.1810
09:45:20	84.25	2.85	347.74	189.26	103.79	72.46	1321.53	17.5241	18.1722	13.2305	8.7957	22.2641	753.8574	5.1846
09:45:21	84.25	2.89	347.74	207.57	114.77	72.70	1430.85	16.8869	17.5232	14.3613	8.7965	22.2696	754.1965	5.1886
09:45:22	84.25	2.96	347.74	267.40	142.86	73.43	1401.87	19.1172	19.8510	15.7182	8.7974	22.2758	754.5745	5.1930
09:45:23	84.25	2.99	348.23	294.26	158.73	73.43	1301.70	24.6931	25.6583	16.0575	8.7986	22.2838	754.9677	5.1974
09:45:24	148.84	3.07	347.74	279.61	167.28	73.19	1475.09	27.0827	28.1560	16.9621	8.7999	22.2926	755.3887	5.2022
09:45:25	148.84	3.10	347.74	305.25	179.49	73.43	1633.73	34.8889	36.3055	17.7537	8.8016	22.3040	755.8401	5.2071
09:45:26	148.84	3.16	348.23	404.15	207.57	72.94	1656.61	38.3937	39.9714	17.5275	8.8034	22.3165	756.2910	5.2120
09:45:27	148.96	3.21	347.74	428.57	219.78	72.94	914.75	36.4820	38.0232	18.4322	8.8065	22.3284	756.7770	5.2171
09:45:28	148.84	3.26	385.84	338.22	190.48	73.19	863.39	39.8275	41.5316	19.9022	8.8099	22.3413	757.3085	5.2226
09:45:29	148.84	3.29	386.32	268.62	161.17	73.19	850.17	52.7316	55.0251	20.9200	8.8144	22.3586	757.8762	5.2284
09:45:30	148.84	3.37	385.84	207.57	126.98	73.19	745.42	55.9179	58.3954	19.6761	8.8192	22.3768	758.4201	5.2339

09:45:31	148.84	3.43	386.32	175.82	108.67	72.94	681.86	44.1289	46.1104	18.8845	8.8229	22.3928	758.9491	5.2391
09:45:32	148.84	3.48	385.84	145.30	95.24	72.70	799.32	35.0482	36.6391	18.6583	8.8259	22.4056	759.4774	5.2443
09:45:33	148.96	3.51	385.84	134.31	87.91	72.94	1134.41	27.0827	28.3415	16.2836	8.8282	22.4154	759.9494	5.2488
09:45:34	148.84	3.53	386.32	135.53	86.69	72.70	1228.95	22.9406	24.0256	14.8136	8.8302	22.4238	760.3862	5.2530
09:45:35	198.41	3.58	386.32	152.63	89.13	73.19	860.85	18.9579	19.8679	14.2482	8.8318	22.4306	760.8126	5.2569
09:45:36	198.41	3.60	385.84	147.74	86.69	72.70	1029.66	17.5241	18.3729	15.1528	8.8333	22.4370	761.2702	5.2611
09:45:37	198.41	3.63	363.37	151.40	86.69	72.70	984.41	17.6834	18.5457	15.7182	8.8348	22.4435	761.7479	5.2655
09:45:38	198.41	3.64	363.86	156.29	86.69	72.70	719.49	19.9138	20.8998	12.5520	8.8371	22.4507	762.1345	5.2690
09:45:39	198.53	3.64	363.86	141.64	81.81	72.70	730.68	19.2765	20.2352	13.3435	8.8393	22.4578	762.5473	5.2727
09:45:40	198.41	3.67	363.86	125.76	76.92	72.70	734.24	19.7544	20.7455	15.2659	8.8415	22.4645	763.0236	5.2769
09:45:41	198.41	3.67	363.86	117.22	73.26	73.19	708.81	20.3917	21.4191	11.6473	8.8438	22.4715	763.3886	5.2802
09:45:42	198.41	3.67	364.35	111.11	69.60	72.94	705.25	18.4800	19.4111	11.4212	8.8460	22.4779	763.7465	5.2833
09:45:43	198.41	3.67	363.86	103.79	65.93	72.94	704.24	16.4089	17.2411	11.0819	8.8478	22.4835	764.0961	5.2864
09:45:44	198.41	3.67	363.86	101.34	64.71	72.46	771.36	15.2938	16.0693	8.4811	8.8496	22.4888	764.3635	5.2888
09:45:45	241.88	3.67	363.86	102.56	67.16	72.70	1291.02	14.4972	15.2324	7.6895	8.8512	22.4938	764.6061	5.2909
09:45:46	241.88	3.67	364.35	123.32	74.48	72.70	1469.49	13.5413	14.2281	6.8979	8.8528	22.4984	764.8236	5.2928
09:45:47	241.88	3.69	363.86	162.39	87.91	72.46	1301.19	13.2227	13.8933	6.7849	8.8543	22.5030	765.0376	5.2947
09:45:48	241.88	3.69	340.42	186.81	112.33	72.94	876.10	13.3820	14.0618	9.0465	8.8561	22.5076	765.3229	5.2972
09:45:49	241.88	3.71	339.93	173.38	105.01	72.70	774.41	16.0903	16.9076	10.5165	8.8584	22.5131	765.6546	5.3001
09:45:50	241.88	3.73	340.42	155.07	91.58	72.70	1187.29	21.1882	22.2703	10.4034	8.8613	22.5204	765.9844	5.3030
09:45:51	241.88	3.75	339.93	153.85	89.13	72.70	1105.42	24.3744	25.6192	8.8203	8.8647	22.5283	766.2641	5.3055
09:45:52	241.88	3.76	339.93	155.07	86.69	72.70	847.12	22.6220	23.7847	8.1418	8.8679	22.5355	766.5239	5.3077
09:45:53	241.88	3.77	339.93	152.63	84.25	72.70	1435.93	20.2324	21.2767	8.8203	8.8707	22.5420	766.8065	5.3102
09:45:54	241.88	3.77	340.42	184.37	90.35	72.70	1659.15	20.0731	21.1157	9.1596	8.8735	22.5485	767.1018	5.3127
09:45:55	285.71	3.77	340.42	291.82	126.98	72.94	1790.34	20.2324	21.2866	8.0287	8.8763	22.5550	767.3615	5.3150
09:45:56	285.71	3.75	340.42	532.36	251.53	72.94	1888.98	19.9138	20.9546	10.2904	8.8791	22.5614	767.6954	5.3178
09:45:57	285.84	3.75	340.42	1203.91	406.59	72.94	1940.85	24.0558	25.3132	11.7604	8.8824	22.5692	768.0770	5.3211
09:45:58	285.84	3.71	317.95	1665.44	639.80	72.70	1746.61	38.0751	40.0685	14.0220	8.8887	22.5814	768.5319	5.3250
09:45:59	285.71	3.71	318.44	1496.95	630.04	72.70	1060.17	69.4592	73.0767	17.8668	8.9001	22.6038	769.1086	5.3299
09:46:00	285.84	3.68	317.95	1067.16	517.70	72.70	1000.68	157.0798	165.2606	19.9022	8.9260	22.6544	769.7510	5.3355
09:46:01	285.71	3.66	317.95	627.59	354.09	72.46	1045.93	217.2989	228.4975	21.0330	8.9618	22.7197	770.4229	5.3413
09:46:02	285.71	3.64	317.95	459.10	277.17	72.46	1239.15	195.3142	205.3797	22.2769	8.9939	22.7785	771.1344	5.3475
09:46:03	285.71	3.61	317.95	411.48	249.08	72.94	1642.88	139.2371	146.3443	21.7115	9.0168	22.8204	771.8214	5.3535
09:46:04	328.21	3.58	317.46	675.21	319.90	72.94	1836.10	81.8854	86.0473	22.9554	9.0302	22.8450	772.5446	5.3599
09:46:05	328.33	3.55	317.95	1100.12	482.30	72.94	1947.46	59.9006	62.9255	22.6162	9.0401	22.8630	773.2525	5.3662
09:46:06	328.33	3.50	317.95	1570.21	746.03	72.70	1864.58	53.6875	56.3782	24.1993	9.0489	22.8791	774.0044	5.3729
09:46:07	328.33	3.47	318.44	1870.57	781.44	72.70	1526.44	88.0985	92.4778	27.5917	9.0655	22.9055	774.8533	5.3806
09:46:08	328.33	3.45	294.02	1717.95	722.83	72.94	1655.09	143.5384	150.6110	29.1749	9.0926	22.9486	775.7430	5.3887
09:46:09	328.33	3.40	294.02	1251.53	559.22	73.19	1108.48	204.8728	214.8448	30.8711	9.1312	23.0100	776.6731	5.3973
09:46:10	328.33	3.39	294.02	945.05	471.31	72.70	1128.31	244.0630	255.8364	32.2280	9.1772	23.0833	777.6354	5.4062
09:46:11	328.33	3.34	294.02	717.95	388.28	72.94	1087.63	224.1493	234.9010	32.0019	9.2194	23.1454	778.5856	5.4151
09:46:12	328.33	3.31	294.51	455.43	280.83	72.94	1052.03	163.2929	171.0189	33.4719	9.2502	23.1906	779.5659	5.4244
09:46:13	328.33	3.27	294.02	350.43	227.11	72.94	1040.85	123.3060	129.1066	34.0373	9.2734	23.2248	780.5571	5.4338
09:46:14	362.15	3.24	294.02	251.53	164.84	72.94	1037.29	93.6744	98.0250	32.7935	9.2910	23.2507	781.4999	5.4430
09:46:15	362.27	3.21	294.02	214.90	140.42	72.70	1063.73	59.4227	62.1567	31.7757	9.3022	23.2671	782.4050	5.4518
09:46:16	362.15	3.18	294.51	188.03	118.44	72.94	1072.37	45.7220	47.8008	31.4365	9.3108	23.2798	783.2898	5.4605
09:46:17	362.15	3.16	294.51	181.93	108.67	72.70	1079.49	32.8179	34.2978	31.3234	9.3176	23.2888	784.1630	5.4692
09:46:18	362.15	3.15	361.90	179.49	103.79	72.94	1088.14	28.0386	29.2924	32.2280	9.3234	23.2966	785.0539	5.4782
09:46:19	362.15	3.14	361.42	179.49	101.34	72.70	1069.83	24.5338	25.6202	32.3411	9.3285	23.3034	785.9392	5.4872
09:46:20	362.15	3.15	361.90	178.27	98.90	72.70	1074.41	23.7372	24.7819	32.5673	9.3334	23.3099	786.8252	5.4962
09:46:21	362.27	3.16	361.42	181.93	101.34	72.94	1604.24	23.4186	24.4454	32.7935	9.3382	23.3179	787.7141	5.5053
09:46:22	362.15	3.17	361.90	255.19	134.31	72.70	1585.43	23.4186	24.4403	32.3411	9.3431	23.3258	788.5863	5.5143
09:46:23	362.03	3.22	361.90	377.29	177.05	72.94	1616.95	23.2593	24.2779	32.4542	9.3479	23.3337	789.4649	5.5233
09:46:24	439.19	3.26	361.90	474.97	218.56	72.70	1131.87	23.7372	24.7806	32.6804	9.3528	23.3418	790.3529	5.5324
09:46:25	439.32	3.31	361.90	398.05	202.69	72.70	1133.90	33.2958	34.7648	34.7158	9.3597	23.3531	791.2997	5.5420
09:46:26	439.19	3.39	361.90	324.79	180.71	72.70	1129.32	49.2268	51.4307	35.9597	9.3699	23.3698	792.2949	5.5520
09:46:27	439.19	3.44	361.90	253.97	155.07	72.46	1075.42	61.9716	64.7923	34.0373	9.3855	23.3909	793.2495	5.5615
09:46:28	439.32	3.49	427.84	233.21	145.30	73.19	962.54	51.9351	54.3357	34.1504	9.3985	23.4086	794.2222	5.5710
09:46:29	439.19	3.57	427.84	208.79	128.98	73.19	846.61	42.3765	44.3790	34.2635	9.4092	23.4231	795.2200	5.5805
09:46:30	439.19	3.67	427.84	177.05	112.33	73.19	720.51	33.1365	34.7276	32.4542	9.4176	23.4344	796.1803	5.5895
09:46:31	439.19	3.74	427.84	163.61	98.90	72.94	739.32	30.4282	31.9108	29.0618	9.4252	23.4466	797.0530	5.5976
09:46:32	439.19	3.87	427.84	140.42	85.47	72.94	743.39	27.2420	28.5976	25.5563	9.4321	23.4576	797.8367	5.6047
09:46:33	439.19	3.97	428.33	124.54	79.37	72.94	681.86	23.1000	24.2834	21.5984	9.4379	23.4670	798.5186	5.6107
09:46:34	499.39	4.12	427.84	109.89	74.48	72.70	735.25	21.3476	22.4633	19.9022	9.4433	23.4756	799.1596	5.6162
09:46:35	499.39	4.22	428.33	105.01	72.04	72.70	727.83	18.3207	19.3113	16.2836	9.4480	23.4831	799.7022	5.6207
09:46:36	499.51	4.31	427.84	102.56	69.60	72.94	707.80	16.2496	17.1496	14.9267	9.4521	23.4897	800.2115	5.6249
09:46:37	499.51	4.39	427.84	101.34	68.38	72.94	701.19	14.3379	15.1642	12.2127	9.4563	23.4955	800.6443	5.6283

09:46:38	499.39	4.52	568.50	98.90	67.16	72.94	694.07	13.7007	14.5098	10.4034	9.4602	23.5011	801.0220	5.6311
09:46:39	499.51	4.56	568.99	97.68	67.16	72.94	701.19	13.3820	14.1885	8.8203	9.4641	23.5066	801.3488	5.6336
09:46:40	499.51	4.67	568.99	96.46	65.93	72.94	694.07	13.2227	14.0356	7.5764	9.4679	23.5120	801.6351	5.6357
09:46:41	499.51	4.73	568.50	96.46	64.71	72.94	686.44	12.9041	13.7200	5.4279	9.4717	23.5190	801.8460	5.6372
09:46:42	499.51	4.81	568.50	95.24	63.49	72.94	680.85	12.7448	13.5591	4.0709	9.4754	23.5259	802.0058	5.6383
09:46:43	499.63	4.83	568.50	94.02	62.27	72.94	683.39	12.5855	13.4090	3.0532	9.4791	23.5328	802.1286	5.6392
09:46:44	499.51	4.88	568.50	95.24	63.49	72.94	681.86	12.5855	13.4187	2.4878	9.4827	23.5396	802.2298	5.6399
09:46:45	499.39	4.92	568.50	95.24	64.71	72.94	679.32	12.4262	13.2632	2.0355	9.4864	23.5464	802.3140	5.6404
09:46:46	499.51	4.97	568.50	97.68	68.38	73.19	679.32	12.2669	13.0972	1.4701	9.4900	23.5531	802.3751	5.6409
09:46:47	499.39	5.00	568.50	97.68	69.60	72.70	680.85	12.4262	13.2748	1.2439	9.4936	23.5599	802.4273	5.6412
09:46:48	499.51	5.05	709.16	97.68	65.93	72.70	678.31	12.4262	13.2831	1.0177	9.4972	23.5667	802.4704	5.6415
09:46:49	499.51	5.08	709.16	97.68	65.93	72.70	681.86	12.7448	13.6328	0.1131	9.5009	23.5737	802.4753	5.6415
09:46:50	499.51	5.12	708.67	101.34	70.82	72.70	681.86	12.7448	13.6377	0.1131	9.5047	23.5806	802.4801	5.6415
09:46:51	499.51	5.12	708.67	102.56	75.70	72.94	681.86	12.7448	13.6469	0.1131	9.5084	23.5893	802.4850	5.6416
09:46:52	499.63	5.12	709.16	102.56	75.70	72.94	679.32	12.7448	13.6511	0.1131	9.5121	23.5980	802.4900	5.6416
09:46:53	499.39	5.12	708.67	100.12	70.82	72.94	681.86	13.2227	14.1718	0.0000	9.5160	23.6071	802.4900	5.6416
09:46:54	499.51	5.08	708.67	97.68	64.71	72.94	680.85	13.3820	14.3425	0.1131	9.5199	23.6162	802.4950	5.6416
09:46:55	499.51	5.05	708.67	96.46	63.49	72.70	680.85	13.3820	14.3425	0.1131	9.5239	23.6254	802.4999	5.6417
09:46:56	499.39	4.98	708.67	95.24	61.05	72.70	682.37	13.0634	14.0010	0.1131	9.5277	23.6343	802.5049	5.6417
09:46:57	499.39	4.94	708.67	95.24	62.27	72.70	682.37	12.7448	13.6511	0.1131	9.5314	23.6430	802.5099	5.6417
09:46:58	499.51	4.84	512.33	95.24	63.49	72.70	679.83	12.5855	13.4763	0.1131	9.5351	23.6516	802.5148	5.6418
09:46:59	499.51	4.77	512.33	96.46	64.71	72.70	681.86	12.4262	13.2934	0.0000	9.5387	23.6600	802.5148	5.6418
09:47:00	499.51	4.71	512.33	98.90	64.71	72.70	680.85	12.4262	13.2851	0.1131	9.5424	23.6685	802.5196	5.6418
09:47:01	499.51	4.62	512.33	100.12	63.49	72.70	681.86	12.4262	13.2680	0.1131	9.5460	23.6746	802.5243	5.6418
09:47:02	499.51	4.50	512.33	102.56	62.27	72.94	681.86	12.5855	13.4256	0.1131	9.5497	23.6808	802.5289	5.6419
09:47:03	499.39	4.40	512.33	102.56	62.27	72.94	682.88	12.9041	13.7541	0.1131	9.5534	23.6871	802.5335	5.6419
09:47:04	499.63	4.27	512.33	101.34	62.27	72.70	682.88	13.0634	13.9081	0.1131	9.5572	23.6936	802.5380	5.6419
09:47:05	499.51	4.19	512.33	102.56	59.83	72.70	682.88	13.3820	14.2252	0.1131	9.5611	23.7001	802.5424	5.6419
09:47:06	499.39	4.06	512.33	101.34	59.83	72.94	681.86	13.3820	14.2069	0.1131	9.5650	23.7067	802.5467	5.6420
09:47:07	499.51	3.98	512.33	102.56	62.27	72.94	683.90	13.2227	14.0131	0.1131	9.5688	23.7131	802.5508	5.6420
09:47:08	499.39	3.89	314.04	108.67	67.16	72.94	681.36	13.3820	14.1672	0.1131	9.5727	23.7196	802.5549	5.6420
09:47:09	499.51	3.81	314.04	124.54	74.48	72.94	682.88	13.2227	13.9739	0.0000	9.5765	23.7261	802.5549	5.6420
09:47:10	499.51	3.73	314.04	131.87	74.48	72.94	682.88	13.3820	14.1269	0.1131	9.5804	23.7326	802.5588	5.6421
09:47:11	499.51	3.64	314.04	124.54	70.82	72.94	681.36	14.1786	14.9492	0.1131	9.5845	23.7368	802.5625	5.6421
09:47:12	499.51	3.58	314.04	108.67	65.93	72.94	683.90	16.2496	17.1151	0.1131	9.5892	23.7416	802.5662	5.6421
09:47:13	499.51	3.55	314.04	102.56	64.71	72.94	684.92	17.2055	18.1030	0.1131	9.5941	23.7468	802.5699	5.6422
09:47:14	496.09	3.47	314.04	100.12	62.27	72.94	683.39	16.2496	17.0778	0.0000	9.5988	23.7516	802.5699	5.6422
09:47:15	496.09	3.44	314.04	97.68	61.05	72.94	684.41	14.1786	14.8889	0.1131	9.6029	23.7558	802.5734	5.6422
09:47:16	495.85	3.40	314.04	96.46	59.83	72.94	685.42	13.3820	14.0466	0.1131	9.6067	23.7598	802.5768	5.6422
09:47:17	495.97	3.33	314.04	92.80	59.83	72.94	682.88	13.0634	13.6978	0.1131	9.6104	23.7636	802.5802	5.6423
09:47:18	495.97	3.32	336.51	92.80	59.83	72.94	682.88	12.7448	13.3582	0.1131	9.6141	23.7674	802.5835	5.6423
09:47:19	495.97	3.28	336.02	91.58	58.61	72.94	682.88	12.5855	13.1850	0.1131	9.6176	23.7711	802.5868	5.6423
09:47:20	495.97	3.26	336.02	91.58	57.39	72.94	684.92	12.1076	12.6718	0.0000	9.6211	23.7747	802.5868	5.6423
09:47:21	495.97	3.24	336.02	91.58	59.83	72.70	684.92	12.1076	12.6692	0.1131	9.6245	23.7785	802.5901	5.6424
09:47:22	495.85	3.22	336.51	90.35	59.83	72.94	685.93	11.9483	12.4960	0.1131	9.6279	23.7823	802.5933	5.6424
09:47:23	496.09	3.22	336.51	90.35	59.83	72.94	683.90	11.9483	12.4927	0.0000	9.6313	23.7861	802.5933	5.6424
09:47:24	409.28	3.19	336.02	91.58	59.83	72.94	685.93	11.9483	12.4902	0.1131	9.6347	23.7899	802.5964	5.6424
09:47:25	409.16	3.19	336.02	92.80	59.83	72.70	684.41	11.7889	12.3198	0.1131	9.6380	23.7936	802.5995	5.6425
09:47:26	409.28	3.19	336.51	94.02	59.83	72.70	684.41	11.7889	12.3198	0.1131	9.6414	23.7973	802.6027	5.6425
09:47:27	409.28	3.17	336.02	94.02	59.83	72.94	685.42	11.9483	12.4791	0.1131	9.6442	23.8011	802.6058	5.6425
09:47:28	409.28	3.17	357.51	95.24	61.05	72.70	685.42	12.1076	12.6455	0.1131	9.6470	23.8049	802.6089	5.6425
09:47:29	409.16	3.17	357.51	95.24	61.05	72.70	686.44	12.2669	12.8119	0.1131	9.6499	23.8088	802.6120	5.6426
09:47:30	409.16	3.18	357.51	94.02	63.49	72.94	685.42	12.2669	12.8085	0.1131	9.6528	23.8127	802.6150	5.6426
09:47:31	409.28	3.18	357.51	94.02	64.71	72.70	685.42	12.4262	12.9749	0.1131	9.6557	23.8168	802.6181	5.6426
09:47:32	409.28	3.18	357.51	96.46	64.71	72.94	687.46	12.4262	12.9749	0.1131	9.6586	23.8210	802.6212	5.6427
09:47:33	409.28	3.18	357.51	97.68	64.71	72.94	687.46	12.2669	12.8105	0.1131	9.6614	23.8251	802.6243	5.6427
09:47:34	409.28	3.20	357.51	97.68	63.49	72.94	687.46	12.2669	12.8105	0.1131	9.6643	23.8292	802.6274	5.6427
09:47:35	309.40	3.22	358.00	98.90	63.49	72.70	685.93	12.5855	13.1433	0.1131	9.6673	23.8335	802.6305	5.6428
09:47:36	309.40	3.22	357.51	101.34	63.49	72.70	685.93	12.7448	13.3096	0.0000	9.6702	23.8377	802.6305	5.6428
09:47:37	309.52	3.22	357.51	102.56	63.49	72.70	685.93	12.7448	13.3138	0.0000	9.6732	23.8420	802.6305	5.6428
09:47:38	309.40	3.23	361.90	100.12	61.05	72.70	687.97	12.9041	13.4805	0.1131	9.6755	23.8464	802.6336	5.6428
09:47:39	309.40	3.23	361.90	98.90	61.05	72.70	685.93	13.2227	13.8134	0.1131	9.6778	23.8508	802.6367	5.6428
09:47:40	309.40	3.26	361.90	96.46	59.83	72.70	688.98	13.3820	13.9798	0.0000	9.6802	23.8553	802.6367	5.6428
09:47:41	309.40	3.26	361.90	95.24	59.83	72.94	687.97	13.0634	13.6498	0.0000	9.6825	23.8597	802.6367	5.6428
09:47:42	309.40	3.26	361.90	94.02	61.05	72.70	689.49	12.9041	13.4833	0.1131	9.6848	23.8641	802.6399	5.6429
09:47:43	309.40	3.26	362.39	94.02	59.83	72.70	689.49	12.5855	13.1545	0.1131	9.6870	23.8684	802.6430	5.6429
09:47:44	309.40	3.27	361.90	92.80	61.05	72.94	687.97	12.4262	12.9880	0.0000	9.6892	23.8726	802.6430	5.6429

09:47:45	222.83	3.28	361.90	92.80	59.83	72.70	694.07	12.2669	12.8215	0.1131	9.6914	23.8768	802.6462	5.6429
09:47:46	222.83	3.28	361.42	94.02	58.61	72.46	694.07	12.2669	12.8215	0.0000	9.6936	23.8810	802.6462	5.6429
09:47:47	222.83	3.28	361.90	95.24	59.83	72.70	694.07	12.1076	12.6569	0.0000	9.6957	23.8851	802.6462	5.6429
09:47:48	222.83	3.28	368.25	96.46	59.83	72.46	695.08	12.1076	12.6576	0.1131	9.6973	23.8892	802.6494	5.6430
09:47:49	222.83	3.31	367.77	98.90	59.83	72.94	805.42	12.2669	12.8241	0.1131	9.6988	23.8934	802.6526	5.6430
09:47:50	222.83	3.31	367.77	101.34	62.27	72.70	1069.83	12.4262	12.9907	0.1131	9.7004	23.8976	802.6558	5.6430
09:47:51	222.83	3.31	367.77	116.00	72.04	72.46	1175.09	12.5855	13.1572	0.1131	9.7020	23.9020	802.6590	5.6430
09:47:52	222.83	3.31	367.77	135.53	78.14	72.46	1134.41	12.9041	13.4945	1.0177	9.7037	23.9064	802.6879	5.6433
09:47:53	222.83	3.31	367.77	147.74	85.47	72.46	954.92	13.2227	13.8277	4.4102	9.7054	23.9110	802.8134	5.6446
09:47:54	222.83	3.31	367.77	139.19	84.25	72.70	708.81	15.1345	15.8269	6.2194	9.7073	23.9163	802.9903	5.6463
09:47:55	156.41	3.31	367.77	125.76	80.59	72.94	695.59	17.6834	18.4925	6.7849	9.7095	23.9224	803.1834	5.6482
09:47:56	156.41	3.31	367.77	111.11	75.70	72.94	688.47	19.2765	20.1585	6.7849	9.7120	23.9290	803.3764	5.6501
09:47:57	156.41	3.31	367.77	114.77	73.26	72.94	685.42	18.1614	18.9923	4.6363	9.7143	23.9353	803.5083	5.6513
09:47:58	156.29	3.33	367.77	128.21	73.26	73.19	685.42	16.4089	17.1576	3.7317	9.7158	23.9410	803.6144	5.6524
09:47:59	156.41	3.33	367.77	120.88	70.82	72.70	684.41	14.4972	15.1586	1.5831	9.7171	23.9460	803.6595	5.6528
09:48:00	156.41	3.33	367.77	118.44	70.82	72.70	684.41	14.9752	15.6584	1.0177	9.7184	23.9512	803.6884	5.6531
09:48:01	156.41	3.33	367.77	123.32	74.48	72.70	689.49	16.7276	17.4962	0.3392	9.7199	23.9570	803.6981	5.6532
09:48:02	156.41	3.33	367.77	135.53	83.03	72.94	687.97	15.7717	16.4964	0.1131	9.7213	23.9624	803.7014	5.6532
09:48:03	156.41	3.33	367.77	156.29	111.11	73.19	687.97	15.4531	16.1632	0.1131	9.7227	23.9678	803.7046	5.6533
09:48:04	111.11	3.33	367.77	172.16	135.53	73.19	687.97	16.0903	16.8297	0.1131	9.7242	23.9733	803.7079	5.6533
09:48:05	111.11	3.33	367.77	174.80	153.85	73.19	685.42	17.6834	18.4960	0.1131	9.7257	23.9795	803.7111	5.6533
09:48:06	111.23	3.33	367.77	168.06	146.52	73.43	687.97	20.3917	21.3287	0.1131	9.7276	23.9865	803.7143	5.6534
09:48:07	111.11	3.35	367.77	150.18	113.55	73.43	687.97	22.4627	23.4929	0.0000	9.7290	23.9943	803.7143	5.6534
09:48:08	111.11	3.33	368.25	141.84	97.68	73.43	684.92	22.7813	23.8262	0.1131	9.7305	24.0022	803.7176	5.6534
09:48:09	111.23	3.33	367.77	122.10	80.59	73.19	687.46	21.6662	22.6599	0.1131	9.7318	24.0097	803.7208	5.6534
09:48:10	111.11	3.33	367.77	112.33	72.04	73.43	687.46	19.5951	20.4981	0.1131	9.7331	24.0164	803.7241	5.6534
09:48:11	111.11	3.36	367.77	105.01	65.93	73.43	687.46	18.4800	19.3275	0.1131	9.7343	24.0228	803.7273	5.6535
09:48:12	111.23	3.35	367.77	96.46	59.83	73.19	688.98	15.9310	16.6617	0.1131	9.7353	24.0283	803.7306	5.6535
09:48:13	111.11	3.35	367.77	92.80	56.17	73.19	686.44	14.6565	15.3287	0.1131	9.7362	24.0334	803.7338	5.6535
09:48:14	110.13	3.36	367.77	90.35	56.17	73.19	687.46	13.7007	14.3342	0.1131	9.7371	24.0382	803.7371	5.6536
09:48:15	110.13	3.37	367.77	86.69	54.95	73.19	688.98	12.5855	13.1654	0.1131	9.7379	24.0425	803.7403	5.6536
09:48:16	110.13	3.37	367.77	86.69	53.72	73.19	688.98	12.1076	12.6655	0.1131	9.7386	24.0467	803.7436	5.6536
09:48:17	110.13	3.39	367.77	87.91	54.95	73.19	686.95	11.7889	12.3341	0.1131	9.7394	24.0508	803.7468	5.6537
09:48:18	110.13	3.41	371.67	87.91	54.95	73.19	803.39	11.3110	11.8359	0.1131	9.7401	24.0547	803.7501	5.6537
09:48:19	110.13	3.41	372.16	90.35	56.17	73.19	860.34	11.3110	11.8359	0.1131	9.7408	24.0586	803.7534	5.6537
09:48:20	110.13	3.44	371.67	91.58	56.17	73.43	684.92	11.4703	12.0057	0.1131	9.7415	24.0626	803.7567	5.6538
09:48:21	110.13	3.43	372.16	90.35	56.17	73.67	684.92	11.4703	12.0095	2.9401	9.7423	24.0666	803.8430	5.6546
09:48:22	110.13	3.44	371.67	89.13	56.17	73.19	684.92	11.7889	12.3431	3.5055	9.7430	24.0707	803.9459	5.6556
09:48:23	110.13	3.44	371.67	89.13	54.95	73.19	687.97	11.9483	12.5144	0.9046	9.7438	24.0749	803.9727	5.6558
09:48:24	110.13	3.46	372.16	89.13	54.95	72.94	686.95	11.7889	12.3456	0.2262	9.7445	24.0790	803.9793	5.6559
09:48:25	119.05	3.46	371.67	90.35	54.95	72.94	688.98	11.6296	12.1807	0.1131	9.7452	24.0831	803.9827	5.6559
09:48:26	119.05	3.46	371.67	90.35	54.95	73.19	685.93	11.6296	12.1807	0.1131	9.7460	24.0872	803.9860	5.6559
09:48:27	119.05	3.46	371.67	89.13	53.72	73.19	688.47	11.6296	12.1839	0.1131	9.7467	24.0913	803.9894	5.6560
09:48:28	119.05	3.46	375.58	89.13	53.72	72.94	686.44	11.7889	12.3510	0.1131	9.7475	24.0954	803.9928	5.6560
09:48:29	119.05	3.45	376.07	89.13	53.72	72.94	687.97	11.7889	12.3510	0.1131	9.7483	24.0995	803.9961	5.6560
09:48:30	119.05	3.44	376.07	87.91	53.72	72.94	687.97	11.6296	12.1841	0.1131	9.7491	24.1036	803.9995	5.6561
09:48:31	119.05	3.45	376.07	87.91	54.95	72.94	687.97	11.6296	12.1841	0.1131	9.7499	24.1077	804.0029	5.6561
09:48:32	119.05	3.45	376.07	89.13	54.95	72.94	690.00	11.6296	12.1822	0.1131	9.7507	24.1118	804.0062	5.6561
09:48:33	119.05	3.42	375.58	91.58	53.72	72.94	690.00	11.4703	12.0134	0.1131	9.7515	24.1159	804.0096	5.6561
09:48:34	119.54	3.42	375.58	95.24	53.72	72.94	690.00	11.4703	12.0153	0.0000	9.7523	24.1200	804.0096	5.6561
09:48:35	119.54	3.41	376.07	97.68	54.95	72.94	691.02	11.6296	12.1822	0.1131	9.7531	24.1241	804.0129	5.6562
09:48:36	119.54	3.41	375.58	96.46	56.17	72.94	689.49	11.9483	12.5120	0.1131	9.7539	24.1283	804.0162	5.6562
09:48:37	119.54	3.40	365.81	94.02	56.17	72.94	689.49	12.4262	13.0125	0.1131	9.7547	24.1327	804.0196	5.6562
09:48:38	119.54	3.40	365.81	92.80	56.17	72.70	689.49	12.7448	13.3434	0.1131	9.7556	24.1372	804.0229	5.6563
09:48:39	119.54	3.38	365.81	91.58	56.17	72.70	691.02	12.5855	13.1766	0.1131	9.7565	24.1417	804.0262	5.6563
09:48:40	119.54	3.38	365.32	90.35	56.17	72.70	687.97	12.2669	12.8410	0.1131	9.7573	24.1459	804.0295	5.6563
09:48:41	119.41	3.38	365.81	90.35	57.39	72.94	692.03	12.1076	12.6742	0.1131	9.7581	24.1501	804.0328	5.6564

10-MAY-94 10:38 LACMTA Emissions Testing Facility

Test : RTD MODIFIED COMMUTER PHASE OF ADB CYCLE
Test number : 1063
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	4.7	4.9	13.4	0.14	0.004	0.008	0.04	3.39	48.40	75.44	23.27	0.0	0.000	0.0	1.21	2.90	195.3	0.0	0.0	0.0
1 DL	4.7	4.8	13.4	0.14	0.004	0.008	0.04	3.40	48.39	75.30	23.26	0.0	0.000	0.0	1.21	2.94	195.3	0.0	0.0	0.0
2 DL	4.6	4.8	13.4	0.14	0.004	0.008	0.04	3.42	48.40	75.02	23.23	0.0	0.000	0.0	1.22	2.82	195.3	0.0	0.0	0.0
3 DL	4.6	4.8	13.4	0.14	0.004	0.008	0.04	3.44	48.40	74.64	23.19	0.0	0.000	0.0	1.22	2.81	195.2	0.0	0.0	0.0
4 DL	4.6	4.7	13.5	0.14	0.004	0.008	0.04	3.46	48.41	74.31	23.16	0.0	0.000	0.0	1.23	2.80	195.1	0.0	0.0	0.0
5 DL	4.6	4.8	13.5	0.14	0.004	0.008	0.04	3.48	48.41	74.01	23.13	0.0	0.000	0.0	1.24	2.81	195.1	0.0	0.0	0.0
6 DL	4.5	4.8	13.5	0.14	0.004	0.008	0.04	3.49	48.41	73.88	23.12	0.0	0.000	0.0	1.24	2.86	195.1	0.0	0.0	0.0
7 DL	4.5	4.8	13.5	0.14	0.004	0.008	0.04	3.49	48.41	73.87	23.12	0.0	0.000	0.0	1.24	2.87	195.1	0.0	0.0	0.0
8 DL	4.5	4.8	13.5	0.14	0.004	0.008	0.04	3.49	48.42	73.86	23.12	0.0	0.000	0.0	1.24	2.86	195.1	0.0	0.0	0.0
9 DL	4.5	4.7	13.7	0.14	0.004	0.008	0.04	3.50	48.42	73.68	23.10	0.0	0.000	0.0	1.25	2.78	195.1	0.0	0.0	0.0
10 DL	4.5	4.7	13.7	0.14	0.004	0.007	0.04	3.51	48.42	73.46	23.08	0.0	0.000	0.0	1.25	2.75	195.2	0.0	0.0	0.0
11 DL	4.5	4.7	13.5	0.14	0.004	0.008	0.04	3.52	48.42	73.35	23.07	0.0	0.000	0.0	1.25	2.74	195.2	0.0	0.0	0.0
12 DL	4.5	4.7	13.6	0.14	0.004	0.007	0.04	3.52	48.42	73.39	23.08	0.0	0.000	0.0	1.25	2.74	195.1	0.0	0.0	0.0
13 DL	4.4	4.7	13.6	0.14	0.004	0.007	0.04	3.52	48.42	73.39	23.08	0.0	0.000	0.0	1.25	2.79	195.2	0.0	0.0	0.0
14 DL	4.4	4.6	13.7	0.14	0.003	0.007	0.04	3.53	48.43	73.26	23.06	0.0	0.000	0.0	1.25	2.86	195.3	0.0	0.0	0.0
15 DL	4.4	4.7	13.7	0.14	0.004	0.007	0.04	3.53	48.43	73.13	23.05	0.0	0.000	0.0	1.26	2.79	195.3	0.0	0.0	0.0
16 DL	4.4	4.7	13.6	0.14	0.004	0.008	0.04	3.54	48.43	72.99	23.04	0.0	0.000	0.0	1.26	2.87	195.3	0.0	0.0	0.0
17 DL	4.4	4.7	13.6	0.14	0.004	0.007	0.04	3.54	48.43	72.98	23.04	0.0	0.000	0.0	1.26	2.96	195.3	0.0	0.0	0.0
18 DL	4.4	4.6	13.5	0.14	0.004	0.007	0.04	3.54	48.43	73.09	23.05	0.0	0.000	0.0	1.26	2.99	195.3	0.0	0.0	0.0
19 DL	4.4	4.6	13.6	0.14	0.003	0.007	0.04	3.53	48.44	73.22	23.06	0.0	0.000	0.0	1.26	3.02	195.3	0.0	0.0	0.0
20 DL	4.4	4.6	13.8	0.14	0.003	0.007	0.04	3.53	48.43	73.22	23.06	0.0	0.000	0.0	1.26	2.94	195.3	0.0	0.0	0.0
21 DL	4.5	5.0	14.6	0.14	0.004	0.008	0.04	3.56	48.44	72.80	23.02	0.0	0.000	0.6	0.40	2.96	195.2	0.0	0.0	0.0
22 DL	4.7	7.1	17.5	0.15	0.004	0.011	0.05	3.68	48.44	70.81	22.84	0.0	0.001	2.4	1.76	2.89	195.1	0.0	0.0	0.0
23 DL	5.2	13.8	24.5	0.16	0.004	0.022	0.06	4.10	48.44	64.89	22.30	0.0	0.001	4.0	2.67	3.59	195.2	0.0	0.0	0.0
24 DL	6.2	25.0	34.4	0.20	0.005	0.040	0.09	5.06	48.44	54.66	21.43	0.0	0.002	5.6	3.06	7.40	195.2	0.0	0.0	0.0
25 DL	7.4	40.4	44.1	0.26	0.006	0.064	0.12	6.51	48.44	44.09	20.60	0.0	0.002	7.0	2.94	13.13	195.3	0.0	0.0	0.0
26 DL	8.7	63.5	53.8	0.33	0.007	0.101	0.14	8.26	48.44	35.67	19.99	0.0	0.002	8.5	2.81	12.62	195.3	0.0	0.0	0.0
27 DL	10.1	92.2	67.4	0.41	0.008	0.147	0.18	10.40	48.44	28.92	19.53	0.0	0.003	10.1	2.66	11.80	195.3	0.0	0.0	0.0
28 DL	11.7	109.8	86.8	0.53	0.009	0.175	0.23	13.34	48.44	23.05	19.15	0.0	0.003	11.8	2.44	13.16	195.2	0.0	0.0	0.0
29 DL	12.7	108.2	103.1	0.67	0.010	0.173	0.27	16.87	48.43	18.56	18.87	0.0	0.004	14.0	2.29	12.64	195.1	0.0	0.0	0.0
30 DL	13.2	99.9	110.7	0.78	0.010	0.159	0.29	19.64	48.41	16.09	18.72	0.0	0.004	15.9	2.25	7.90	195.1	0.0	0.0	0.0
31 DL	13.6	94.0	115.5	0.85	0.011	0.150	0.30	21.27	48.39	14.92	18.66	0.0	0.005	17.2	2.25	5.47	195.3	0.0	0.0	0.0
32 DL	14.2	87.9	120.0	0.89	0.011	0.140	0.31	22.39	48.39	14.23	18.62	0.0	0.005	18.7	2.33	4.99	195.4	0.0	0.0	0.0
33 DL	14.4	79.4	116.7	0.93	0.011	0.127	0.31	23.32	48.38	13.70	18.59	0.0	0.006	20.0	2.39	4.57	195.5	0.0	0.0	0.0
34 DL	14.0	73.8	103.1	0.93	0.011	0.118	0.27	23.40	48.36	13.65	18.58	0.0	0.006	21.4	2.55	4.02	195.4	0.0	0.0	0.0
35 DL	13.1	78.5	92.1	0.88	0.010	0.125	0.24	22.13	48.34	14.39	18.63	0.0	0.006	22.1	2.79	3.70	195.5	0.0	0.0	0.0
36 DL	12.1	91.7	83.8	0.82	0.010	0.146	0.22	20.45	48.35	15.48	18.69	0.0	0.006	22.6	3.09	4.50	195.5	0.0	0.0	0.0
37 DL	11.3	107.5	77.5	0.77	0.009	0.171	0.20	19.18	48.35	16.41	18.74	0.0	0.006	23.3	3.38	7.20	195.6	0.0	0.0	0.0
38 DL	10.7	131.0	75.5	0.73	0.008	0.209	0.20	18.38	48.36	17.02	18.78	0.0	0.007	24.0	3.62	9.74	195.7	0.0	0.0	0.0
39 DL	10.5	166.1	85.7	0.73	0.008	0.265	0.22	18.27	48.36	17.05	18.77	0.0	0.007	24.7	3.74	13.59	195.8	0.0	0.0	0.0
40 DL	11.3	190.6	113.8	0.79	0.009	0.304	0.30	19.77	48.38	15.82	18.69	0.0	0.007	24.7	3.43	18.02	196.0	0.0	0.0	0.0
41 DL	13.0	186.1	158.7	0.93	0.010	0.297	0.42	23.30	48.38	13.59	18.56	0.0	0.008	27.7	3.28	18.19	196.1	0.0	0.0	0.0
42 DL	14.6	167.8	193.5	1.09	0.012	0.268	0.51	27.43	48.37	11.65	18.45	0.0	0.008	29.3	2.96	14.17	196.2	0.0	0.0	0.0
43 DL	15.5	159.5	201.2	1.20	0.012	0.254	0.53	29.98	48.32	10.70	18.40	0.0	0.009	31.1	2.88	10.01	196.4	0.0	0.0	0.0
44 DL	15.9	159.2	201.4	1.25	0.013	0.253	0.53	31.23	48.31	10.29	18.38	0.0	0.009	32.3	2.88	7.22	196.4	0.0	0.0	0.0
45 DL	16.1	156.7	201.2	1.29	0.013	0.250	0.53	32.23	48.30	9.98	18.36	0.0	0.009	33.7	2.91	5.94	196.4	0.0	0.0	0.0

46	DL	16.5	149.5	201.2	1.33	0.013	0.238	0.53	33.34	48.31	9.67	18.34	0.0	0.010	35.0	2.93	5.12	196.5	0.0	0.0	0.0
47	DL	16.7	139.4	201.2	1.38	0.013	0.222	0.53	34.48	48.29	9.37	18.33	0.0	0.010	36.3	2.94	4.73	196.5	0.0	0.0	0.0
48	DL	16.7	139.6	201.2	1.40	0.013	0.222	0.53	34.97	48.27	9.23	18.32	0.0	0.010	37.4	2.99	4.42	196.7	0.0	0.0	0.0
49	DL	16.2	162.4	201.2	1.37	0.013	0.258	0.53	34.26	48.24	9.40	18.32	0.0	0.011	38.3	3.12	4.85	196.8	0.0	0.0	0.0
50	DL	15.6	195.8	201.2	1.34	0.012	0.311	0.53	33.46	48.26	9.59	18.33	0.0	0.011	39.2	3.26	6.66	196.9	0.0	0.0	0.0
51	DL	15.1	215.5	201.2	1.33	0.012	0.343	0.53	33.21	48.26	9.65	18.33	0.0	0.011	40.1	3.36	7.94	197.0	0.0	0.0	0.0
52	DL	14.7	216.0	201.2	1.33	0.012	0.343	0.53	33.31	48.26	9.62	18.33	0.0	0.011	41.0	3.42	7.33	197.1	0.0	0.0	0.0
53	DL	14.5	216.0	201.0	1.34	0.011	0.344	0.53	33.44	48.26	9.58	18.33	0.0	0.012	41.9	3.48	6.41	197.2	0.0	0.0	0.0
54	DL	14.4	206.2	196.8	1.33	0.011	0.328	0.51	33.24	48.25	9.65	18.34	0.0	0.012	42.6	3.56	6.04	197.4	0.0	0.0	0.0
55	DL	14.4	188.1	183.8	1.30	0.011	0.299	0.48	32.52	48.24	9.86	18.35	0.0	0.012	43.2	3.69	5.02	197.5	0.0	0.0	0.0
56	DL	14.4	169.8	167.7	1.26	0.011	0.270	0.44	31.56	48.24	10.16	18.37	0.0	0.012	43.7	3.86	4.55	197.6	0.0	0.0	0.0
57	DL	14.4	151.5	150.2	1.21	0.011	0.241	0.39	30.37	48.24	10.56	18.39	0.0	0.012	44.1	4.05	4.24	197.8	0.0	0.0	0.0
58	DL	14.6	135.6	133.9	1.16	0.011	0.216	0.35	28.99	48.25	11.05	18.42	0.0	0.012	44.4	4.27	4.02	197.9	0.0	0.0	0.0
59	DL	14.7	123.2	122.2	1.10	0.012	0.196	0.32	27.56	48.25	11.61	18.46	0.0	0.012	44.6	4.52	4.17	198.0	0.0	0.0	0.0
60	DL	14.9	114.1	115.8	1.05	0.012	0.182	0.30	26.25	48.25	12.17	18.49	0.0	0.012	45.0	4.78	4.55	198.1	0.0	0.0	0.0
61	DL	15.0	108.4	112.9	1.01	0.012	0.172	0.30	25.25	48.26	12.63	18.52	0.0	0.013	45.3	5.01	4.76	198.2	0.0	0.0	0.0
62	DL	15.2	105.3	111.6	0.98	0.012	0.167	0.29	24.61	48.27	12.95	18.54	0.0	0.013	45.6	5.18	4.96	198.3	0.0	0.0	0.0
63	DL	15.3	103.4	112.0	0.97	0.012	0.164	0.29	24.26	48.27	13.13	18.55	0.0	0.013	46.0	5.29	5.16	198.5	0.0	0.0	0.0
64	DL	15.5	101.3	113.3	0.96	0.012	0.161	0.30	24.08	48.26	13.22	18.55	0.0	0.013	46.3	5.37	5.15	198.6	0.0	0.0	0.0
65	DL	15.6	98.2	114.6	0.96	0.012	0.156	0.30	24.01	48.27	13.26	18.56	0.0	0.013	46.7	5.43	5.22	198.6	0.0	0.0	0.0
66	DL	15.8	94.4	115.6	0.96	0.012	0.150	0.30	23.97	48.27	13.29	18.56	0.0	0.013	47.0	5.48	5.03	198.6	0.0	0.0	0.0
67	DL	16.0	91.0	116.8	0.96	0.013	0.145	0.31	23.99	48.27	13.29	18.56	0.0	0.013	47.3	5.52	4.93	198.7	0.0	0.0	0.0
68	DL	16.3	88.1	117.7	0.96	0.013	0.140	0.31	24.06	48.28	13.25	18.56	0.0	0.013	47.7	5.54	4.63	198.7	0.0	0.0	0.0
69	DL	16.5	85.0	118.4	0.97	0.013	0.135	0.31	24.15	48.28	13.21	18.56	0.0	0.013	48.0	5.56	4.55	198.7	0.0	0.0	0.0
70	DL	16.8	81.4	119.1	0.97	0.013	0.129	0.31	24.27	48.27	13.15	18.55	0.0	0.013	48.4	5.58	4.36	198.7	0.0	0.0	0.0
71	DL	17.1	77.2	119.8	0.98	0.013	0.123	0.31	24.39	48.27	13.09	18.55	0.0	0.014	48.7	5.59	4.22	198.7	0.0	0.0	0.0
72	DL	17.4	73.1	120.3	0.98	0.014	0.116	0.31	24.51	48.27	13.04	18.55	0.0	0.014	49.0	5.60	4.18	198.7	0.0	0.0	0.0
73	DL	17.6	69.5	120.5	0.98	0.014	0.111	0.31	24.62	48.26	12.99	18.54	0.0	0.014	49.3	5.61	4.24	198.8	0.0	0.0	0.0
74	DL	17.9	65.7	120.2	0.99	0.014	0.105	0.31	24.74	48.26	12.93	18.54	0.0	0.014	49.7	5.63	4.03	199.0	0.0	0.0	0.0
75	DL	18.0	60.4	115.3	0.99	0.014	0.096	0.30	24.78	48.26	12.92	18.54	0.0	0.014	49.9	5.65	3.82	199.1	0.0	0.0	0.0
76	DL	18.0	53.9	105.8	0.98	0.014	0.086	0.28	24.46	48.26	13.08	18.55	0.0	0.014	50.0	5.74	3.43	199.2	0.0	0.0	0.0
77	DL	18.1	47.2	95.8	0.95	0.014	0.075	0.25	23.73	48.25	13.48	18.58	0.0	0.014	50.1	5.93	3.11	199.3	0.0	0.0	0.0
78	DL	18.2	41.8	88.9	0.91	0.014	0.066	0.23	22.76	48.25	14.03	18.61	0.0	0.014	50.1	6.19	2.90	199.4	0.0	0.0	0.0
79	DL	18.5	38.2	84.6	0.87	0.015	0.061	0.22	21.85	48.25	14.59	18.64	0.0	0.014	50.2	6.46	2.89	199.6	0.0	0.0	0.0
80	DL	18.8	36.4	82.5	0.85	0.015	0.058	0.22	21.14	48.25	15.05	18.67	0.0	0.014	50.3	6.69	2.83	199.7	0.0	0.0	0.0
81	DL	19.1	36.8	83.3	0.83	0.015	0.059	0.22	20.71	48.25	15.35	18.69	0.0	0.014	50.4	6.84	2.79	199.9	0.0	0.0	0.0
82	DL	19.6	38.9	87.9	0.83	0.015	0.062	0.23	20.64	48.25	15.39	18.69	0.0	0.014	50.6	6.89	3.06	199.9	0.0	0.0	0.0
83	DL	19.9	39.2	92.2	0.84	0.016	0.062	0.24	20.96	48.25	15.17	18.68	0.0	0.014	50.9	6.82	4.08	200.1	0.0	0.0	0.0
84	DL	20.0	36.9	91.8	0.85	0.016	0.059	0.24	21.31	48.26	14.94	18.67	0.0	0.014	51.0	6.72	4.00	200.3	0.0	0.0	0.0
85	DL	20.1	34.0	86.9	0.85	0.016	0.054	0.23	21.22	48.25	15.00	18.67	0.0	0.014	51.0	6.75	3.28	200.5	0.0	0.0	0.0
86	DL	20.1	32.3	83.3	0.83	0.016	0.051	0.22	20.83	48.24	15.27	18.69	0.0	0.014	51.1	6.89	2.85	200.7	0.0	0.0	0.0
87	DL	20.3	31.7	82.8	0.82	0.016	0.050	0.22	20.49	48.25	15.51	18.70	0.0	0.014	51.2	7.02	2.88	200.9	0.0	0.0	0.0
88	DL	20.6	31.5	84.1	0.82	0.016	0.050	0.22	20.38	48.24	15.59	18.71	0.0	0.014	51.3	7.07	3.04	201.1	0.0	0.0	0.0
89	DL	20.8	31.7	86.8	0.82	0.016	0.050	0.23	20.42	48.24	15.56	18.70	0.0	0.014	51.4	7.08	3.05	201.2	0.0	0.0	0.0
90	DL	21.0	31.6	89.2	0.82	0.017	0.050	0.23	20.61	48.24	15.42	18.70	0.0	0.014	51.6	7.03	3.14	201.3	0.0	0.0	0.0
91	DL	21.1	30.7	89.4	0.83	0.017	0.049	0.23	20.80	48.24	15.29	18.69	0.0	0.014	51.7	6.99	3.18	201.5	0.0	0.0	0.0
92	DL	21.2	29.6	87.7	0.83	0.017	0.047	0.23	20.85	48.25	15.26	18.69	0.0	0.014	51.8	6.98	2.93	201.7	0.0	0.0	0.0
93	DL	21.3	28.7	85.9	0.83	0.017	0.046	0.22	20.72	48.25	15.35	18.69	0.0	0.014	51.8	7.03	2.76	201.8	0.0	0.0	0.0
94	DL	21.5	28.3	85.0	0.82	0.017	0.045	0.22	20.57	48.24	15.45	18.70	0.0	0.014	51.9	7.09	2.78	202.1	0.0	0.0	0.0
95	DL	21.6	28.1	85.5	0.82	0.017	0.045	0.22	20.49	48.24	15.51	18.70	0.0	0.014	52.0	7.13	2.83	202.3	0.0	0.0	0.0
96	DL	21.9	28.4	86.9	0.82	0.017	0.045	0.23	20.50	48.23	15.50	18.70	0.0	0.014	52.1	7.14	2.88	202.5	0.0	0.0	0.0
97	DL	22.1	28.8	89.0	0.83	0.017	0.046	0.23	20.63	48.25	15.41	18.70	0.0	0.015	52.2	7.12	2.93	202.7	0.0	0.0	0.0
98	DL	22.2	29.2	91.2	0.83	0.018	0.046	0.24	20.82	48.24	15.27	18.69	0.0	0.015	52.4	7.07	3.06	202.8	0.0	0.0	0.0
99	DL	22.4	29.3	93.2	0.84	0.018	0.047	0.24	21.08	48.24	15.09	18.68	0.0	0.015	52.5	7.00	3.14	203.0	0.0	0.0	0.0
100	DL	22.6	28.9	93.5	0.85	0.018	0.046	0.24	21.33	48.23	14.93	18.67	0.0	0.015	52.7	6.94	3.13	203.2	0.0	0.0	0.0
101	DL	22.6	27.7	90.9	0.86	0.018	0.044	0.24	21.41	48.23	14.87	18.66	0.0	0.015	52.7	6.92	3.11	203.3	0.0	0.0	0.0
102	DL	22.7	26.3	86.4	0.85	0.018	0.042	0.23	21.21	48.24	15.01	18.67	0.0	0.015	52.7	6.99	2.79	203.5	0.0	0.0	0.0
103	DL	22.7	25.3	83.3	0.83	0.018	0.040	0.22	20.84	48.23	15.26	18.69	0.0	0.015	52.7	7.12	2.56	203.6	0.0	0.0	0.0
104	DL	22.8	24.8	82.6	0.82	0.018	0.039	0.22	20.51	48.24	15.50	18.70	0.0	0.015	52.8	7.24	2.64	203.8	0.0	0.0	0.0

105	DL	22.9	25.0	84.2	0.81	0.018	0.040	0.22	20.32	48.23	15.63	18.71	0.0	0.015	52.8	7.31	2.73	204.0	0.0	0.0	0.0
106	DL	23.2	25.9	87.4	0.81	0.018	0.041	0.23	20.35	48.23	15.61	18.71	0.0	0.015	53.0	7.32	2.80	204.1	0.0	0.0	0.0
107	DL	23.3	27.0	91.1	0.82	0.018	0.043	0.24	20.59	48.23	15.44	18.70	0.0	0.015	53.1	7.25	3.05	204.2	0.0	0.0	0.0
108	DL	23.6	27.8	94.0	0.84	0.019	0.044	0.25	20.94	48.23	15.19	18.68	0.0	0.015	53.2	7.15	3.16	204.3	0.0	0.0	0.0
109	DL	23.8	28.2	95.9	0.85	0.019	0.045	0.25	21.26	48.23	14.97	18.67	0.0	0.015	53.4	7.06	3.18	204.4	0.0	0.0	0.0
110	DL	23.9	27.9	96.0	0.86	0.019	0.044	0.25	21.54	48.22	14.78	18.66	0.0	0.015	53.5	6.99	3.19	204.5	0.0	0.0	0.0
111	DL	23.9	27.1	94.1	0.87	0.019	0.043	0.25	21.72	48.22	14.67	18.65	0.0	0.015	53.6	6.94	3.13	204.5	0.0	0.0	0.0
112	DL	24.0	26.4	92.0	0.87	0.019	0.042	0.24	21.72	48.22	14.67	18.65	0.0	0.015	53.7	6.95	2.93	204.6	0.0	0.0	0.0
113	DL	24.1	26.4	91.4	0.87	0.019	0.042	0.24	21.66	48.22	14.71	18.65	0.0	0.015	53.8	6.98	2.88	204.6	0.0	0.0	0.0
114	DL	24.4	27.0	92.5	0.87	0.019	0.043	0.24	21.71	48.22	14.67	18.65	0.0	0.015	53.9	6.98	3.08	204.7	0.0	0.0	0.0
115	DL	24.6	27.4	94.3	0.88	0.019	0.044	0.25	21.91	48.22	14.55	18.64	0.0	0.015	54.1	6.94	3.27	204.8	0.0	0.0	0.0
116	DL	24.8	26.9	95.0	0.89	0.020	0.043	0.25	22.17	48.21	14.38	18.63	0.0	0.015	54.2	6.88	3.46	204.8	0.0	0.0	0.0
117	DL	24.8	25.7	92.2	0.89	0.020	0.041	0.24	22.28	48.21	14.32	18.63	0.0	0.015	54.3	6.85	3.37	204.8	0.0	0.0	0.0
118	DL	24.8	24.8	88.2	0.88	0.020	0.039	0.23	22.08	48.21	14.44	18.64	0.0	0.015	54.3	6.91	3.00	204.8	0.0	0.0	0.0
119	DL	24.9	24.5	86.9	0.87	0.020	0.039	0.23	21.75	48.20	14.64	18.65	0.0	0.015	54.3	7.03	2.87	204.9	0.0	0.0	0.0
120	DL	25.0	24.9	88.6	0.87	0.020	0.040	0.23	21.61	48.20	14.74	18.66	0.0	0.015	54.4	7.08	2.94	205.0	0.0	0.0	0.0
121	DL	25.3	25.4	91.3	0.87	0.020	0.040	0.24	21.75	48.20	14.65	18.65	0.0	0.015	54.6	7.06	3.10	205.1	0.0	0.0	0.0
122	DL	25.4	24.9	91.4	0.88	0.020	0.040	0.24	22.01	48.20	14.48	18.64	0.0	0.015	54.7	6.99	3.19	205.2	0.0	0.0	0.0
123	DL	25.3	23.8	86.3	0.88	0.020	0.038	0.23	22.04	48.20	14.47	18.64	0.0	0.015	54.7	6.98	3.20	205.3	0.0	0.0	0.0
124	DL	25.3	22.7	80.6	0.87	0.020	0.036	0.21	21.65	48.20	14.71	18.65	0.0	0.015	54.6	7.10	2.83	205.4	0.0	0.0	0.0
125	DL	25.4	21.9	77.6	0.85	0.020	0.035	0.20	21.11	48.19	15.07	18.68	0.0	0.015	54.6	7.28	2.72	205.5	0.0	0.0	0.0
126	DL	25.6	21.5	76.8	0.83	0.020	0.034	0.20	20.65	48.19	15.39	18.70	0.0	0.015	54.7	7.44	2.79	205.7	0.0	0.0	0.0
127	DL	25.7	21.3	77.4	0.82	0.020	0.034	0.20	20.39	48.19	15.57	18.71	0.0	0.015	54.6	7.54	2.81	205.8	0.0	0.0	0.0
128	DL	25.8	21.3	78.1	0.81	0.020	0.034	0.20	20.29	48.19	15.65	18.71	0.0	0.015	54.7	7.58	2.83	206.0	0.0	0.0	0.0
129	DL	25.9	21.3	78.6	0.81	0.020	0.034	0.21	20.27	48.19	15.66	18.71	0.0	0.015	54.7	7.59	2.83	206.1	0.0	0.0	0.0
130	DL	26.0	21.4	79.3	0.81	0.020	0.034	0.21	20.29	48.19	15.64	18.71	0.0	0.015	54.7	7.58	2.85	206.2	0.0	0.0	0.0
131	DL	26.1	21.4	79.8	0.81	0.021	0.034	0.21	20.32	48.18	15.62	18.71	0.0	0.015	54.7	7.57	2.94	206.4	0.0	0.0	0.0
132	DL	26.1	21.2	79.9	0.81	0.021	0.034	0.21	20.32	48.19	15.62	18.71	0.0	0.015	54.7	7.58	2.86	206.7	0.0	0.0	0.0
133	DL	26.2	21.2	79.5	0.81	0.021	0.034	0.21	20.27	48.18	15.65	18.71	0.0	0.015	54.7	7.59	2.88	206.8	0.0	0.0	0.0
134	DL	26.2	21.1	79.5	0.81	0.021	0.034	0.21	20.24	48.19	15.68	18.71	0.0	0.015	54.8	7.61	2.83	207.0	0.0	0.0	0.0
135	DL	26.3	21.1	79.5	0.81	0.021	0.034	0.21	20.21	48.19	15.70	18.71	0.0	0.015	54.8	7.62	2.93	207.1	0.0	0.0	0.0
136	DL	26.4	21.4	79.6	0.81	0.021	0.034	0.21	20.21	48.19	15.70	18.71	0.0	0.015	54.8	7.62	2.98	207.2	0.0	0.0	0.0
137	DL	26.5	21.7	80.0	0.81	0.021	0.034	0.21	20.22	48.19	15.69	18.71	0.0	0.015	54.8	7.62	2.98	207.3	0.0	0.0	0.0
138	DL	26.5	21.8	80.0	0.81	0.021	0.035	0.21	20.24	48.18	15.68	18.71	0.0	0.015	54.8	7.62	3.14	207.5	0.0	0.0	0.0
139	DL	26.6	21.6	79.3	0.81	0.021	0.034	0.21	20.23	48.18	15.68	18.71	0.0	0.015	54.8	7.62	3.03	207.7	0.0	0.0	0.0
140	DL	26.6	21.3	77.9	0.81	0.021	0.034	0.20	20.15	48.18	15.74	18.72	0.0	0.015	54.8	7.65	2.99	207.7	0.0	0.0	0.0
141	DL	26.7	20.8	75.9	0.80	0.021	0.033	0.20	20.00	48.18	15.86	18.72	0.0	0.015	54.8	7.71	2.90	207.9	0.0	0.0	0.0
142	DL	26.8	20.3	72.7	0.79	0.021	0.032	0.19	19.74	48.19	16.05	18.74	0.0	0.015	54.7	7.79	2.80	208.1	0.0	0.0	0.0
143	DL	26.9	20.1	70.1	0.78	0.021	0.032	0.18	19.42	48.19	16.31	18.75	0.0	0.015	54.7	7.91	2.76	208.2	0.0	0.0	0.0
144	DL	27.1	20.0	69.3	0.76	0.021	0.032	0.18	19.09	48.18	16.56	18.77	0.0	0.015	54.6	8.04	2.82	208.4	0.0	0.0	0.0
145	DL	27.4	20.3	70.5	0.76	0.022	0.032	0.18	18.88	48.17	16.74	18.78	0.0	0.015	54.6	8.13	2.81	208.6	0.0	0.0	0.0
146	DL	27.6	21.2	74.3	0.75	0.022	0.034	0.19	18.84	48.19	16.77	18.78	0.0	0.015	54.6	8.14	2.84	208.7	0.0	0.0	0.0
147	DL	27.8	22.5	80.1	0.77	0.022	0.036	0.21	19.11	48.19	16.54	18.77	0.0	0.015	54.7	8.04	3.04	208.9	0.0	0.0	0.0
148	DL	27.9	23.5	85.5	0.79	0.022	0.037	0.22	19.68	48.19	16.09	18.74	0.0	0.015	54.8	7.83	3.24	209.0	0.0	0.0	0.0
149	DL	27.8	23.7	87.4	0.81	0.022	0.038	0.23	20.25	48.18	15.67	18.71	0.0	0.015	54.9	7.62	3.46	209.2	0.0	0.0	0.0
150	DL	27.6	23.2	86.2	0.82	0.022	0.037	0.23	20.53	48.18	15.46	18.70	0.0	0.015	54.9	7.51	3.26	209.3	0.0	0.0	0.0
151	DL	27.5	22.5	84.4	0.82	0.022	0.036	0.22	20.54	48.17	15.45	18.70	0.0	0.015	54.9	7.51	2.94	209.4	0.0	0.0	0.0
152	DL	27.4	22.1	82.0	0.82	0.022	0.035	0.21	20.44	48.17	15.52	18.70	0.0	0.015	54.9	7.55	2.88	209.5	0.0	0.0	0.0
153	DL	27.4	21.7	79.6	0.81	0.022	0.035	0.21	20.27	48.17	15.65	18.71	0.0	0.015	54.9	7.61	2.95	209.5	0.0	0.0	0.0
154	DL	27.5	21.4	77.2	0.80	0.022	0.034	0.20	20.03	48.17	15.83	18.72	0.0	0.015	54.8	7.70	2.87	209.5	0.0	0.0	0.0
155	DL	27.6	21.1	75.5	0.79	0.022	0.034	0.20	19.76	48.17	16.03	18.73	0.0	0.015	54.8	7.79	2.77	209.5	0.0	0.0	0.0
156	DL	27.7	20.9	74.1	0.78	0.022	0.033	0.19	19.53	48.17	16.21	18.75	0.0	0.015	54.7	7.88	2.79	209.6	0.0	0.0	0.0
157	DL	27.9	20.7	73.1	0.78	0.022	0.033	0.19	19.35	48.17	16.35	18.75	0.0	0.015	54.7	7.95	2.84	209.6	0.0	0.0	0.0
158	DL	28.0	20.5	73.0	0.77	0.022	0.033	0.19	19.22	48.17	16.46	18.76	0.0	0.015	54.7	8.00	2.73	209.6	0.0	0.0	0.0
159	DL	28.1	20.6	73.7	0.77	0.022	0.033	0.19	19.14	48.17	16.52	18.76	0.0	0.015	54.7	8.03	2.72	209.5	0.0	0.0	0.0
160	DL	28.2	20.8	74.7	0.77	0.022	0.033	0.19	19.15	48.17	16.51	18.76	0.0	0.015	54.7	8.03	2.78	209.5	0.0	0.0	0.0
161	DL	28.2	20.9	75.4	0.77	0.022	0.033	0.20	19.22	48.17	16.46	18.76	0.0	0.015	54.7	8.01	2.90	209.6	0.0	0.0	0.0
162	DL	28.2	21.0	76.1	0.77	0.022	0.033	0.20	19.31	48.18	16.39	18.76	0.0	0.015	54.7	7.97	2.90	209.6	0.0	0.0	0.0
163	DL	28.2	21.0	76.1	0.78	0.022	0.033	0.20	19.38	48.16	16.32	18.75	0.0	0.015	54.7	7.94	2.88	209.5	0.0	0.0	0.0

164	DL	28.1	20.9	76.3	0.78	0.022	0.033	0.20	19.44	48.17	16.28	18.75	0.0	0.015	54.7	7.92	2.90	209.5	0.0	0.0	0.0
165	DL	28.1	20.9	76.8	0.78	0.022	0.033	0.20	19.50	48.17	16.23	18.75	0.0	0.015	54.8	7.89	2.91	209.6	0.0	0.0	0.0
166	DL	28.1	21.0	77.4	0.78	0.022	0.033	0.20	19.58	48.17	16.17	18.74	0.0	0.015	54.8	7.86	2.90	209.8	0.0	0.0	0.0
167	DL	28.0	21.1	78.1	0.79	0.022	0.034	0.20	19.67	48.16	16.10	18.74	0.0	0.015	54.8	7.83	2.85	209.9	0.0	0.0	0.0
168	DL	28.0	21.2	78.9	0.79	0.022	0.034	0.21	19.78	48.16	16.01	18.73	0.0	0.015	54.8	7.79	2.93	210.0	0.0	0.0	0.0
169	DL	28.0	21.1	79.6	0.80	0.022	0.034	0.21	19.92	48.16	15.90	18.73	0.0	0.015	54.9	7.74	2.95	210.0	0.0	0.0	0.0
170	DL	28.0	21.2	80.0	0.80	0.022	0.034	0.21	20.07	48.16	15.79	18.72	0.0	0.015	54.9	7.69	2.79	210.1	0.0	0.0	0.0
171	DL	28.1	21.1	80.6	0.81	0.022	0.034	0.21	20.21	48.16	15.69	18.71	0.0	0.015	55.0	7.65	2.83	210.2	0.0	0.0	0.0
172	DL	28.1	21.2	81.3	0.81	0.022	0.034	0.21	20.29	48.16	15.63	18.71	0.0	0.015	55.0	7.61	2.90	210.4	0.0	0.0	0.0
173	DL	28.2	21.1	81.5	0.82	0.022	0.034	0.21	20.35	48.15	15.59	18.71	0.0	0.015	55.0	7.60	2.86	210.5	0.0	0.0	0.0
174	DL	28.2	20.9	80.2	0.82	0.022	0.033	0.21	20.37	48.15	15.57	18.71	0.0	0.015	55.0	7.59	2.87	210.6	0.0	0.0	0.0
175	DL	28.2	20.7	78.3	0.81	0.022	0.033	0.20	20.28	48.15	15.63	18.71	0.0	0.015	55.0	7.62	2.81	210.8	0.0	0.0	0.0
176	DL	28.3	20.7	76.7	0.81	0.022	0.033	0.20	20.13	48.15	15.75	18.72	0.0	0.015	55.0	7.68	2.81	210.9	0.0	0.0	0.0
177	DL	28.4	20.5	75.4	0.80	0.022	0.033	0.20	19.95	48.15	15.88	18.73	0.0	0.015	55.0	7.75	2.80	211.1	0.0	0.0	0.0
178	DL	28.5	20.3	74.3	0.79	0.022	0.032	0.19	19.77	48.15	16.01	18.73	0.0	0.015	54.9	7.81	2.80	211.2	0.0	0.0	0.0
179	DL	28.7	20.3	73.4	0.79	0.023	0.032	0.19	19.61	48.15	16.14	18.74	0.0	0.015	54.9	7.87	2.83	211.3	0.0	0.0	0.0
180	DL	28.7	20.2	72.9	0.78	0.023	0.032	0.19	19.46	48.15	16.26	18.75	0.0	0.015	54.9	7.93	2.79	211.4	0.0	0.0	0.0
181	DL	28.8	20.2	72.8	0.78	0.023	0.032	0.19	19.34	48.15	16.35	18.75	0.0	0.015	54.9	7.97	2.76	211.5	0.0	0.0	0.0
182	DL	28.8	20.3	73.2	0.77	0.023	0.032	0.19	19.28	48.15	16.40	18.76	0.0	0.015	54.9	8.00	2.77	211.7	0.0	0.0	0.0
183	DL	28.8	20.3	73.4	0.77	0.023	0.032	0.19	19.24	48.15	16.43	18.76	0.0	0.015	54.9	8.01	2.86	211.9	0.0	0.0	0.0
184	DL	28.8	20.2	74.2	0.77	0.023	0.032	0.19	19.22	48.14	16.44	18.76	0.0	0.015	54.8	8.02	2.90	212.1	0.0	0.0	0.0
185	DL	28.9	20.2	74.6	0.77	0.023	0.032	0.19	19.21	48.16	16.46	18.76	0.0	0.015	54.9	8.02	2.82	212.2	0.0	0.0	0.0
186	DL	28.9	20.3	75.5	0.77	0.023	0.032	0.20	19.22	48.15	16.44	18.76	0.0	0.015	54.9	8.02	2.77	212.3	0.0	0.0	0.0
187	DL	28.8	20.4	76.5	0.77	0.023	0.032	0.20	19.28	48.14	16.40	18.76	0.0	0.015	54.9	8.00	2.77	212.4	0.0	0.0	0.0
188	DL	28.8	20.4	77.5	0.78	0.023	0.032	0.20	19.38	48.15	16.32	18.75	0.0	0.015	54.9	7.96	2.78	212.5	0.0	0.0	0.0
189	DL	28.8	20.5	78.3	0.78	0.023	0.033	0.20	19.47	48.15	16.25	18.75	0.0	0.015	54.9	7.92	2.73	212.6	0.0	0.0	0.0
190	DL	28.8	20.6	79.1	0.78	0.023	0.033	0.21	19.57	48.14	16.17	18.74	0.0	0.015	54.9	7.89	2.71	212.8	0.0	0.0	0.0
191	DL	28.9	20.7	79.7	0.79	0.023	0.033	0.21	19.67	48.14	16.09	18.74	0.0	0.015	54.9	7.85	2.73	212.9	0.0	0.0	0.0
192	DL	28.9	21.0	80.3	0.79	0.023	0.033	0.21	19.78	48.14	16.00	18.73	0.0	0.015	55.0	7.81	2.75	213.0	0.0	0.0	0.0
193	DL	28.8	21.2	80.8	0.80	0.023	0.034	0.21	19.90	48.14	15.91	18.73	0.0	0.015	55.0	7.77	2.85	213.1	0.0	0.0	0.0
194	DL	28.9	21.3	81.6	0.80	0.023	0.034	0.21	19.99	48.15	15.85	18.72	0.0	0.015	55.0	7.74	2.82	213.2	0.0	0.0	0.0
195	DL	28.9	21.2	81.4	0.80	0.023	0.034	0.21	20.05	48.14	15.80	18.72	0.0	0.015	55.0	7.71	2.77	213.3	0.0	0.0	0.0
196	DL	29.0	20.9	78.8	0.80	0.023	0.033	0.21	20.05	48.14	15.80	18.72	0.0	0.015	55.0	7.72	2.78	213.4	0.0	0.0	0.0
197	DL	29.1	20.5	74.8	0.80	0.023	0.033	0.19	19.84	48.13	15.96	18.73	0.0	0.015	54.9	7.78	2.69	213.4	0.0	0.0	0.0
198	DL	29.2	20.4	72.3	0.78	0.023	0.032	0.19	19.51	48.14	16.21	18.75	0.0	0.015	54.9	7.91	2.79	213.5	0.0	0.0	0.0
199	DL	29.3	20.4	71.8	0.77	0.023	0.032	0.19	19.23	48.14	16.43	18.76	0.0	0.015	54.8	8.02	2.77	213.5	0.0	0.0	0.0
200	DL	29.4	20.5	72.3	0.76	0.023	0.032	0.19	19.07	48.14	16.57	18.77	0.0	0.015	54.8	8.08	2.76	213.5	0.0	0.0	0.0
201	DL	29.5	20.4	73.1	0.76	0.023	0.032	0.19	19.02	48.13	16.60	18.77	0.0	0.015	54.8	8.10	2.75	213.5	0.0	0.0	0.0
202	DL	29.6	20.3	73.6	0.76	0.023	0.032	0.19	19.05	48.14	16.58	18.77	0.0	0.015	54.8	8.09	2.72	213.4	0.0	0.0	0.0
203	DL	29.6	20.3	74.2	0.77	0.023	0.032	0.19	19.09	48.14	16.55	18.77	0.0	0.015	54.8	8.07	2.68	213.4	0.0	0.0	0.0
204	DL	29.6	20.4	74.1	0.77	0.023	0.032	0.19	19.13	48.13	16.51	18.76	0.0	0.015	54.8	8.05	2.81	213.4	0.0	0.0	0.0
205	DL	29.6	20.4	74.2	0.77	0.023	0.032	0.19	19.17	48.14	16.49	18.76	0.0	0.015	54.8	8.03	2.78	213.4	0.0	0.0	0.0
206	DL	29.5	20.3	74.6	0.77	0.023	0.032	0.19	19.21	48.13	16.45	18.76	0.0	0.015	54.8	8.02	2.72	213.4	0.0	0.0	0.0
207	DL	29.5	20.3	74.8	0.77	0.023	0.032	0.20	19.26	48.13	16.41	18.76	0.0	0.015	54.8	8.00	2.69	213.4	0.0	0.0	0.0
208	DL	29.5	20.4	75.4	0.77	0.023	0.032	0.20	19.32	48.13	16.36	18.76	0.0	0.015	54.8	7.98	2.76	213.4	0.0	0.0	0.0
209	DL	29.5	20.3	75.9	0.78	0.023	0.032	0.20	19.40	48.13	16.30	18.75	0.0	0.015	54.8	7.95	2.80	213.4	0.0	0.0	0.0
210	DL	29.5	20.4	76.6	0.78	0.023	0.032	0.20	19.47	48.14	16.24	18.75	0.0	0.015	54.9	7.92	2.65	213.5	0.0	0.0	0.0
211	DL	29.5	20.5	77.3	0.78	0.023	0.033	0.20	19.56	48.13	16.17	18.74	0.0	0.015	54.9	7.88	2.65	213.5	0.0	0.0	0.0
212	DL	29.6	20.6	77.8	0.79	0.023	0.033	0.20	19.68	48.14	16.08	18.74	0.0	0.015	54.9	7.84	2.78	213.6	0.0	0.0	0.0
213	DL	29.6	20.8	78.6	0.79	0.023	0.033	0.20	19.82	48.13	15.97	18.73	0.0	0.015	54.9	7.79	2.75	213.7	0.0	0.0	0.0
214	DL	29.7	21.0	79.4	0.80	0.023	0.033	0.21	19.98	48.12	15.85	18.72	0.0	0.015	55.0	7.73	2.68	213.7	0.0	0.0	0.0
215	DL	29.7	21.1	80.5	0.81	0.023	0.033	0.21	20.14	48.12	15.73	18.72	0.0	0.015	55.0	7.68	2.71	213.9	0.0	0.0	0.0
216	DL	29.7	21.1	80.8	0.81	0.023	0.033	0.21	20.28	48.12	15.62	18.71	0.0	0.015	55.0	7.63	2.62	213.9	0.0	0.0	0.0
217	DL	29.7	21.0	78.7	0.82	0.023	0.033	0.21	20.33	48.12	15.59	18.71	0.0	0.015	55.0	7.61	2.63	214.1	0.0	0.0	0.0
218	DL	29.6	20.7	76.6	0.81	0.023	0.033	0.20	20.21	48.13	15.68	18.71	0.0	0.015	55.0	7.66	2.56	214.2	0.0	0.0	0.0
219	DL	29.7	20.7	75.6	0.80	0.023	0.033	0.20	20.02	48.12	15.81	18.72	0.0	0.015	55.0	7.72	2.54	214.3	0.0	0.0	0.0
220	DL	29.7	20.7	76.1	0.80	0.023	0.033	0.20	19.90	48.12	15.90	18.73	0.0	0.015	55.0	7.78	2.53	214.4	0.0	0.0	0.0
221	DL	29.6	20.7	76.8	0.80	0.023	0.033	0.20	19.88	48.12	15.92	18.73	0.0	0.015	55.1	7.79	2.60	214.6	0.0	0.0	0.0
222	DL	29.6	20.5	77.5	0.80	0.023	0.033	0.20	19.92	48.13	15.89	18.73	0.0	0.015	55.1	7.77	2.62	214.8	0.0	0.0	0.0

223	DL	29.5	20.2	76.3	0.80	0.023	0.032	0.20	19.90	48.12	15.90	18.73	0.0	0.015	55.0	7.77	2.57	214.8	0.0	0.0	0.0
224	DL	29.6	20.0	74.7	0.79	0.023	0.032	0.19	19.79	48.12	15.99	18.73	0.0	0.015	55.0	7.82	2.47	215.0	0.0	0.0	0.0
225	DL	29.7	19.9	74.1	0.79	0.023	0.032	0.19	19.64	48.12	16.11	18.74	0.0	0.015	55.0	7.88	2.52	215.1	0.0	0.0	0.0
226	DL	29.7	19.8	74.3	0.78	0.023	0.031	0.19	19.53	48.12	16.19	18.74	0.0	0.015	55.0	7.92	2.50	215.3	0.0	0.0	0.0
227	DL	29.8	19.8	74.5	0.78	0.023	0.031	0.19	19.46	48.12	16.24	18.75	0.0	0.015	55.0	7.95	2.48	215.4	0.0	0.0	0.0
228	DL	29.8	20.0	75.0	0.78	0.023	0.032	0.20	19.42	48.12	16.28	18.75	0.0	0.015	55.0	7.96	2.40	215.5	0.0	0.0	0.0
229	DL	29.9	20.0	75.8	0.78	0.024	0.032	0.20	19.42	48.12	16.28	18.75	0.0	0.015	55.0	7.96	2.39	215.7	0.0	0.0	0.0
230	DL	29.9	20.1	76.6	0.78	0.024	0.032	0.20	19.46	48.12	16.24	18.75	0.0	0.015	55.0	7.94	2.46	215.8	0.0	0.0	0.0
231	DL	29.9	20.1	77.6	0.78	0.023	0.032	0.20	19.51	48.12	16.20	18.75	0.0	0.015	55.0	7.92	2.49	215.9	0.0	0.0	0.0
232	DL	29.8	20.1	78.2	0.79	0.023	0.032	0.20	19.59	48.11	16.14	18.74	0.0	0.015	55.0	7.90	2.42	216.0	0.0	0.0	0.0
233	DL	29.7	20.0	79.0	0.79	0.023	0.032	0.21	19.68	48.12	16.07	18.74	0.0	0.015	55.1	7.86	2.49	216.2	0.0	0.0	0.0
234	DL	29.6	19.8	78.7	0.79	0.023	0.031	0.21	19.74	48.11	16.02	18.73	0.0	0.015	55.0	7.84	2.55	216.3	0.0	0.0	0.0
235	DL	29.5	19.5	77.2	0.79	0.023	0.031	0.20	19.73	48.12	16.03	18.74	0.0	0.015	55.0	7.84	2.44	216.3	0.0	0.0	0.0
236	DL	29.5	19.5	75.6	0.79	0.023	0.031	0.20	19.61	48.12	16.13	18.74	0.0	0.015	55.0	7.88	2.38	216.4	0.0	0.0	0.0
237	DL	29.6	19.6	75.1	0.78	0.023	0.031	0.20	19.47	48.11	16.24	18.75	0.0	0.015	55.0	7.94	2.41	216.5	0.0	0.0	0.0
238	DL	29.6	19.8	75.8	0.78	0.023	0.031	0.20	19.40	48.11	16.29	18.75	0.0	0.015	55.0	7.96	2.48	216.6	0.0	0.0	0.0
239	DL	29.6	20.1	77.6	0.78	0.023	0.032	0.20	19.43	48.11	16.27	18.75	0.0	0.015	55.0	7.95	2.51	216.6	0.0	0.0	0.0
240	DL	29.7	20.5	79.7	0.78	0.023	0.033	0.21	19.55	48.11	16.17	18.74	0.0	0.015	55.0	7.91	2.49	216.7	0.0	0.0	0.0
241	DL	29.7	20.9	81.2	0.79	0.023	0.033	0.21	19.73	48.12	16.03	18.73	0.0	0.015	55.1	7.84	2.52	216.8	0.0	0.0	0.0
242	DL	29.6	20.9	81.1	0.80	0.023	0.033	0.21	19.91	48.11	15.89	18.73	0.0	0.015	55.1	7.78	2.61	216.8	0.0	0.0	0.0
243	DL	29.6	20.7	79.7	0.80	0.023	0.033	0.21	19.98	48.12	15.85	18.72	0.0	0.015	55.1	7.75	2.56	216.8	0.0	0.0	0.0
244	DL	29.7	20.5	78.6	0.80	0.023	0.032	0.20	19.92	48.11	15.89	18.73	0.0	0.015	55.1	7.77	2.48	216.8	0.0	0.0	0.0
245	DL	29.7	20.2	77.9	0.80	0.023	0.032	0.20	19.86	48.11	15.93	18.73	0.0	0.015	55.0	7.79	2.46	216.8	0.0	0.0	0.0
246	DL	29.7	19.8	76.3	0.79	0.023	0.031	0.20	19.80	48.11	15.98	18.73	0.0	0.015	55.0	7.82	2.63	216.8	0.0	0.0	0.0
247	DL	29.8	19.3	72.4	0.79	0.023	0.031	0.19	19.63	48.10	16.11	18.74	0.0	0.015	55.0	7.88	2.52	216.7	0.0	0.0	0.0
248	DL	29.9	18.9	69.6	0.77	0.023	0.030	0.18	19.29	48.11	16.38	18.76	0.0	0.015	54.9	8.00	2.41	216.7	0.0	0.0	0.0
249	DL	30.0	18.7	68.9	0.76	0.024	0.030	0.18	18.95	48.10	16.66	18.77	0.0	0.015	54.9	8.14	2.47	216.6	0.0	0.0	0.0
250	DL	30.0	18.6	69.5	0.75	0.024	0.030	0.18	18.77	48.11	16.80	18.78	0.0	0.015	54.9	8.21	2.54	216.5	0.0	0.0	0.0
251	DL	30.1	18.4	70.0	0.75	0.024	0.029	0.18	18.74	48.11	16.83	18.78	0.0	0.015	54.9	8.23	2.53	216.5	0.0	0.0	0.0
252	DL	30.1	18.3	70.3	0.75	0.024	0.029	0.18	18.76	48.11	16.82	18.78	0.0	0.015	54.8	8.22	2.52	216.5	0.0	0.0	0.0
253	DL	30.0	18.3	70.1	0.75	0.024	0.029	0.18	18.75	48.11	16.82	18.78	0.0	0.015	54.8	8.21	2.47	216.5	0.0	0.0	0.0
254	DL	29.9	18.3	70.2	0.75	0.024	0.029	0.18	18.73	48.11	16.84	18.78	0.0	0.015	54.8	8.22	2.58	216.6	0.0	0.0	0.0
255	DL	29.8	18.3	70.5	0.75	0.023	0.029	0.18	18.73	48.11	16.84	18.78	0.0	0.015	54.7	8.22	2.58	216.7	0.0	0.0	0.0
256	DL	29.7	18.2	70.7	0.75	0.023	0.029	0.18	18.73	48.12	16.84	18.79	0.0	0.015	54.7	8.21	2.59	216.7	0.0	0.0	0.0
257	DL	29.7	18.2	71.2	0.75	0.023	0.029	0.19	18.74	48.12	16.84	18.78	0.0	0.015	54.7	8.21	2.63	216.8	0.0	0.0	0.0
258	DL	29.6	18.3	71.3	0.75	0.023	0.029	0.19	18.76	48.11	16.82	18.78	0.0	0.015	54.7	8.19	2.64	216.9	0.0	0.0	0.0
259	DL	29.6	18.4	71.8	0.75	0.023	0.029	0.19	18.79	48.12	16.79	18.78	0.0	0.015	54.7	8.18	2.63	217.0	0.0	0.0	0.0
260	DL	29.6	18.5	72.6	0.76	0.023	0.029	0.19	18.84	48.11	16.75	18.78	0.0	0.015	54.7	8.16	2.64	217.2	0.0	0.0	0.0
261	DL	29.6	18.7	73.5	0.76	0.023	0.030	0.19	18.93	48.11	16.67	18.77	0.0	0.015	54.7	8.12	2.70	217.2	0.0	0.0	0.0
262	DL	29.5	18.7	74.3	0.76	0.023	0.030	0.19	19.03	48.10	16.59	18.77	0.0	0.015	54.7	8.08	2.76	217.3	0.0	0.0	0.0
263	DL	29.5	18.8	75.2	0.77	0.023	0.030	0.20	19.15	48.11	16.49	18.76	0.0	0.015	54.8	8.03	2.77	217.4	0.0	0.0	0.0
264	DL	29.5	18.8	76.6	0.77	0.023	0.030	0.20	19.28	48.11	16.39	18.76	0.0	0.015	54.8	7.98	2.79	217.6	0.0	0.0	0.0
265	DL	29.5	18.9	77.8	0.78	0.023	0.030	0.20	19.40	48.11	16.29	18.75	0.0	0.015	54.8	7.94	2.70	217.7	0.0	0.0	0.0
266	DL	29.5	19.1	79.0	0.78	0.023	0.030	0.21	19.55	48.10	16.17	18.74	0.0	0.015	54.8	7.88	2.77	217.8	0.0	0.0	0.0
267	DL	29.5	19.3	79.8	0.79	0.023	0.031	0.21	19.70	48.11	16.06	18.74	0.0	0.015	54.9	7.83	2.81	218.0	0.0	0.0	0.0
268	DL	29.5	19.4	80.7	0.80	0.023	0.031	0.21	19.86	48.11	15.93	18.73	0.0	0.015	54.9	7.77	2.86	218.1	0.0	0.0	0.0
269	DL	29.4	19.6	81.6	0.80	0.023	0.031	0.21	20.02	48.10	15.81	18.72	0.0	0.015	55.0	7.72	2.88	218.2	0.0	0.0	0.0
270	DL	29.5	19.9	82.4	0.81	0.023	0.032	0.21	20.17	48.11	15.70	18.71	0.0	0.015	55.0	7.66	2.91	218.2	0.0	0.0	0.0
271	DL	29.5	20.0	82.9	0.81	0.023	0.032	0.22	20.30	48.10	15.61	18.71	0.0	0.015	55.1	7.62	2.98	218.4	0.0	0.0	0.0
272	DL	29.4	20.0	82.0	0.82	0.023	0.032	0.21	20.35	48.11	15.57	18.71	0.0	0.015	55.1	7.61	2.98	218.5	0.0	0.0	0.0
273	DL	29.5	19.8	81.0	0.81	0.023	0.031	0.21	20.31	48.10	15.60	18.71	0.0	0.015	55.1	7.62	2.98	218.6	0.0	0.0	0.0
274	DL	29.5	19.8	80.7	0.81	0.023	0.031	0.21	20.24	48.11	15.65	18.71	0.0	0.015	55.1	7.65	3.00	218.7	0.0	0.0	0.0
275	DL	29.6	19.6	80.4	0.81	0.023	0.031	0.21	20.20	48.11	15.68	18.71	0.0	0.015	55.1	7.67	2.98	218.8	0.0	0.0	0.0
276	DL	29.7	19.3	78.4	0.81	0.023	0.031	0.20	20.12	48.11	15.74	18.72	0.0	0.015	55.1	7.70	2.96	218.9	0.0	0.0	0.0
277	DL	29.8	19.1	76.0	0.80	0.023	0.030	0.20	19.90	48.10	15.90	18.73	0.0	0.015	55.1	7.78	2.92	219.0	0.0	0.0	0.0
278	DL	30.0	19.1	74.5	0.79	0.024	0.030	0.19	19.65	48.10	16.10	18.74	0.0	0.015	55.0	7.87	2.91	219.1	0.0	0.0	0.0
279	DL	30.2	19.2	74.2	0.78	0.024	0.030	0.19	19.45	48.11	16.25	18.75	0.0	0.015	55.0	7.95	2.93	219.2	0.0	0.0	0.0
280	DL	30.4	19.3	74.2	0.77	0.024	0.031	0.19	19.31	48.10	16.36	18.76	0.0	0.015	55.0	8.00	2.95	219.3	0.0	0.0	0.0
281	DL	30.6	19.5	74.7	0.77	0.024	0.031	0.19	19.22	48.11	16.43	18.76	0.0	0.015	55.0	8.03	3.01	219.4	0.0	0.0	0.0

282 DL	30.7	19.6	75.2	0.77	0.024	0.031	0.20	19.18	48.10	16.46	18.76	0.0	0.015	54.9	8.05	2.99	219.5	0.0	0.0	0.0
283 DL	30.7	19.8	76.3	0.77	0.024	0.031	0.20	19.19	48.11	16.46	18.76	0.0	0.015	54.9	8.05	3.00	219.7	0.0	0.0	0.0
284 DL	30.7	19.9	77.9	0.77	0.024	0.032	0.20	19.25	48.11	16.41	18.76	0.0	0.015	55.0	8.03	3.02	219.7	0.0	0.0	0.0
285 DL	30.7	19.9	78.4	0.78	0.024	0.032	0.20	19.36	48.12	16.32	18.75	0.0	0.015	55.0	7.98	3.01	219.7	0.0	0.0	0.0
286 DL	30.6	19.7	78.3	0.78	0.024	0.031	0.20	19.43	48.11	16.27	18.75	0.0	0.015	55.0	7.95	2.93	219.7	0.0	0.0	0.0
287 DL	30.6	19.6	78.3	0.78	0.024	0.031	0.20	19.46	48.10	16.24	18.75	0.0	0.015	54.9	7.94	2.94	219.8	0.0	0.0	0.0
288 DL	30.5	19.8	78.5	0.78	0.024	0.031	0.20	19.50	48.11	16.21	18.75	0.0	0.015	55.0	7.92	2.88	219.8	0.0	0.0	0.0
289 DL	30.5	20.0	78.8	0.79	0.024	0.032	0.21	19.57	48.11	16.15	18.74	0.0	0.015	55.0	7.90	2.90	219.7	0.0	0.0	0.0
290 DL	30.5	20.2	79.5	0.79	0.024	0.032	0.21	19.68	48.11	16.07	18.74	0.0	0.015	55.0	7.86	2.94	219.6	0.0	0.0	0.0
291 DL	30.5	20.2	80.4	0.80	0.024	0.032	0.21	19.83	48.12	15.96	18.73	0.0	0.015	55.1	7.81	3.00	219.5	0.0	0.0	0.0
292 DL	30.5	20.1	79.8	0.80	0.024	0.032	0.21	19.96	48.11	15.86	18.72	0.0	0.015	55.1	7.77	3.10	219.4	0.0	0.0	0.0
293 DL	30.5	19.9	77.8	0.80	0.024	0.031	0.20	19.98	48.11	15.84	18.72	0.0	0.015	55.1	7.75	3.08	219.4	0.0	0.0	0.0
294 DL	30.6	19.5	75.5	0.80	0.024	0.031	0.20	19.87	48.10	15.93	18.73	0.0	0.015	55.1	7.79	2.99	219.4	0.0	0.0	0.0
295 DL	30.7	19.2	73.5	0.79	0.024	0.030	0.19	19.67	48.11	16.08	18.74	0.0	0.015	55.0	7.87	2.95	219.4	0.0	0.0	0.0
296 DL	30.8	19.0	72.1	0.78	0.024	0.030	0.19	19.44	48.11	16.26	18.75	0.0	0.015	55.1	7.96	2.85	219.4	0.0	0.0	0.0
297 DL	30.9	19.0	71.4	0.77	0.024	0.030	0.19	19.24	48.12	16.42	18.76	0.0	0.015	55.0	8.04	2.96	219.4	0.0	0.0	0.0
298 DL	31.0	19.0	70.9	0.77	0.024	0.030	0.18	19.11	48.10	16.52	18.77	0.0	0.015	55.0	8.09	3.01	219.5	0.0	0.0	0.0
299 DL	31.1	18.9	70.9	0.76	0.024	0.030	0.18	19.02	48.10	16.59	18.77	0.0	0.015	55.0	8.12	3.02	219.6	0.0	0.0	0.0
300 DL	31.1	18.9	71.1	0.76	0.024	0.030	0.19	18.96	48.10	16.64	18.77	0.0	0.015	55.0	8.15	3.08	219.6	0.0	0.0	0.0
301 DL	31.1	18.9	71.2	0.76	0.024	0.030	0.19	18.91	48.11	16.69	18.78	0.0	0.015	54.9	8.16	2.98	219.7	0.0	0.0	0.0
302 DL	31.1	19.2	72.3	0.76	0.024	0.030	0.19	18.87	48.12	16.72	18.78	0.0	0.015	54.9	8.18	2.94	219.8	0.0	0.0	0.0
303 DL	31.2	19.4	73.2	0.76	0.024	0.031	0.19	18.92	48.12	16.68	18.77	0.0	0.015	54.9	8.16	2.94	219.9	0.0	0.0	0.0
304 DL	31.1	19.5	73.7	0.76	0.024	0.031	0.19	19.01	48.11	16.60	18.77	0.0	0.015	54.9	8.12	2.99	219.9	0.0	0.0	0.0
305 DL	31.2	19.5	74.0	0.77	0.024	0.031	0.19	19.09	48.11	16.54	18.77	0.0	0.015	55.0	8.09	3.08	220.0	0.0	0.0	0.0
306 DL	31.2	19.5	74.7	0.77	0.024	0.031	0.19	19.18	48.12	16.47	18.76	0.0	0.015	55.0	8.05	3.05	220.2	0.0	0.0	0.0
307 DL	31.2	19.5	75.4	0.77	0.024	0.031	0.20	19.27	48.11	16.40	18.76	0.0	0.015	55.0	8.02	3.04	220.3	0.0	0.0	0.0
308 DL	31.2	19.5	76.1	0.78	0.024	0.031	0.20	19.34	48.11	16.34	18.75	0.0	0.015	55.0	7.99	3.08	220.4	0.0	0.0	0.0
309 DL	31.2	19.6	76.7	0.78	0.024	0.031	0.20	19.41	48.11	16.28	18.75	0.0	0.015	55.0	7.97	3.03	220.5	0.0	0.0	0.0
310 DL	31.2	19.7	77.7	0.78	0.024	0.031	0.20	19.50	48.11	16.21	18.75	0.0	0.015	55.1	7.93	3.04	220.6	0.0	0.0	0.0
311 DL	31.1	19.1	74.0	0.78	0.024	0.030	0.19	19.57	48.11	16.16	18.74	0.0	0.015	55.1	7.91	2.98	220.7	0.0	0.0	0.0
312 DL	30.6	17.1	54.6	0.76	0.024	0.027	0.14	18.94	48.11	16.68	18.77	0.0	0.015	54.6	8.11	3.01	220.9	0.0	0.0	0.0
313 DL	28.8	14.4	30.9	0.66	0.023	0.023	0.08	16.50	48.10	19.03	18.92	0.0	0.015	53.3	9.09	2.59	221.0	0.0	0.0	0.0
314 DL	26.3	11.9	16.4	0.53	0.021	0.019	0.04	13.23	48.11	23.41	19.19	0.0	0.014	51.7	11.01	2.06	221.2	0.0	0.0	0.0
315 DL	23.8	9.7	9.5	0.42	0.019	0.015	0.02	10.42	48.12	29.13	19.57	0.0	0.014	49.7	13.41	1.82	221.2	0.0	0.0	0.0
316 DL	21.7	7.9	6.3	0.33	0.017	0.013	0.02	8.19	48.13	36.14	20.05	0.0	0.013	48.2	16.51	1.80	221.2	0.0	0.0	0.0
317 DL	19.8	6.6	4.8	0.25	0.016	0.010	0.01	6.35	48.14	45.13	20.70	0.0	0.013	45.9	20.30	1.76	221.3	0.0	0.0	0.0
318 DL	18.3	5.7	4.2	0.20	0.014	0.009	0.01	4.87	48.15	56.34	21.57	0.0	0.012	44.2	25.42	1.77	221.5	0.0	0.0	0.0
319 DL	17.0	5.2	3.7	0.16	0.013	0.008	0.01	3.88	48.16	67.42	22.52	0.0	0.012	42.1	30.36	1.80	221.5	0.0	0.0	0.0
320 DL	16.0	4.7	3.5	0.13	0.013	0.007	0.01	3.27	48.16	76.81	23.39	0.0	0.011	40.4	34.41	1.81	221.5	0.0	0.0	0.0
321 DL	15.1	4.2	3.2	0.11	0.012	0.007	0.01	2.81	48.17	85.86	24.29	0.0	0.011	38.4	38.08	1.77	221.5	0.0	0.0	0.0
322 DL	14.3	3.7	3.1	0.09	0.011	0.006	0.01	2.36	48.18	97.25	25.52	0.0	0.010	36.5	43.02	1.77	221.6	0.0	0.0	0.0
323 DL	13.5	3.4	2.9	0.08	0.011	0.005	0.01	1.92	48.19	111.72	27.29	0.0	0.010	34.4	49.87	1.79	221.6	0.0	0.0	0.0
324 DL	12.8	3.2	2.7	0.06	0.010	0.005	0.01	1.59	48.20	125.49	29.23	0.0	0.009	32.7	57.08	1.80	221.6	0.0	0.0	0.0
325 DL	12.2	3.1	2.6	0.06	0.010	0.005	0.01	1.40	48.20	135.02	30.74	0.0	0.009	30.9	61.02	1.81	221.6	0.0	0.0	0.0
326 DL	11.6	2.9	2.5	0.05	0.009	0.005	0.01	1.27	48.21	142.24	31.99	0.0	0.008	29.1	63.06	1.79	221.6	0.0	0.0	0.0
327 DL	11.1	2.8	2.4	0.05	0.009	0.004	0.01	1.14	48.22	150.86	33.61	0.0	0.008	29.2	70.09	1.79	221.5	0.0	0.0	0.0
328 DL	10.7	2.6	2.4	0.04	0.008	0.004	0.01	0.98	48.23	162.79	36.15	2.2	0.008	29.2	81.44	1.81	221.5	0.0	0.0	0.0
329 DL	10.3	2.6	2.3	0.03	0.008	0.004	0.01	0.82	48.24	176.86	39.70	1.0	0.008	28.7	95.55	1.85	221.4	0.0	0.0	0.0
330 DL	9.8	2.6	2.3	0.03	0.008	0.004	0.01	0.70	48.24	188.95	43.37	1.0	0.007	25.9	*****	1.81	221.3	0.0	0.0	0.0
331 DL	9.4	2.4	2.2	0.03	0.007	0.004	0.01	0.63	48.25	196.50	46.04	1.0	0.007	23.3	*****	1.79	221.2	0.0	0.0	0.0
332 DL	9.1	2.4	2.3	0.02	0.007	0.004	0.01	0.59	48.26	201.19	47.86	1.0	0.006	21.3	97.86	1.78	221.1	0.0	0.0	0.0
333 DL	8.8	2.5	3.6	0.02	0.007	0.004	0.01	0.58	48.27	202.52	48.40	1.0	0.005	19.3	90.29	1.74	221.0	0.0	0.0	0.0
334 DL	8.8	3.0	5.5	0.03	0.007	0.005	0.01	0.71	48.27	187.69	42.89	1.0	0.005	17.1	65.52	2.10	220.9	0.0	0.0	0.0
335 DL	9.2	3.7	5.4	0.04	0.007	0.006	0.01	0.91	48.27	168.34	37.47	1.0	0.004	15.3	45.97	2.34	220.8	0.0	0.0	0.0
336 DL	9.7	4.2	5.8	0.04	0.008	0.007	0.02	0.99	48.28	161.70	35.91	1.0	0.004	13.5	37.43	2.11	220.7	0.0	0.0	0.0
337 DL	9.9	4.5	8.0	0.04	0.008	0.007	0.02	1.11	48.30	152.92	34.01	1.0	0.004	13.9	33.91	2.56	220.5	0.0	0.0	0.0
338 DL	10.0	4.7	8.1	0.05	0.008	0.007	0.02	1.34	48.30	138.73	31.36	1.0	0.004	13.8	28.53	3.26	220.4	0.0	0.0	0.0
339 DL	10.3	4.9	6.8	0.06	0.008	0.008	0.02	1.44	48.30	132.86	30.39	1.0	0.003	11.5	22.41	2.50	220.3	0.0	0.0	0.0
340 DL	10.6	5.0	5.9	0.06	0.008	0.008	0.02	1.41	48.30	134.51	30.65	1.0	0.002	8.4	16.63	2.23	220.2	0.0	0.0	0.0

341 DL	10.6	5.0	7.0	0.06	0.008	0.008	0.02	1.39	48.31	135.51	30.82	1.0	0.002	6.6	13.16	2.44	220.1	0.0	0.0	0.0
342 DL	10.5	4.8	9.3	0.06	0.008	0.008	0.02	1.52	48.32	129.04	29.77	0.7	0.001	4.5	8.37	2.74	220.0	0.0	0.0	0.0
343 DL	10.2	4.6	11.3	0.07	0.008	0.007	0.03	1.77	48.32	117.86	28.12	0.0	0.001	3.2	5.09	3.18	219.9	0.0	0.0	0.0
344 DL	9.9	4.5	12.4	0.08	0.008	0.007	0.03	2.05	48.32	107.42	26.75	0.0	0.001	2.1	2.92	3.32	219.8	0.0	0.0	0.0
345 DL	9.6	4.4	13.3	0.09	0.008	0.007	0.03	2.30	48.33	99.41	25.79	0.0	0.000	1.3	1.59	3.38	219.5	0.0	0.0	0.0
346 DL	9.3	4.4	14.2	0.10	0.007	0.007	0.04	2.54	48.32	92.83	25.04	0.0	0.000	1.1	1.20	3.67	219.3	0.0	0.0	0.0
347 DL	9.0	4.4	14.9	0.11	0.007	0.007	0.04	2.76	48.33	87.48	24.47	0.0	0.000	0.7	0.76	3.88	219.1	0.0	0.0	0.0
348 DL	8.7	4.4	15.3	0.12	0.007	0.007	0.04	2.94	48.34	83.71	24.08	0.0	0.000	0.1	0.09	3.86	218.9	0.0	0.0	0.0
349 DL	8.5	4.4	15.5	0.12	0.007	0.007	0.04	3.06	48.34	81.17	23.83	0.0	0.000	0.0	1.09	3.83	218.8	0.0	0.0	0.0
350 DL	8.3	4.4	15.8	0.13	0.007	0.007	0.04	3.16	48.35	79.26	23.64	0.0	0.000	0.0	1.13	3.85	218.7	0.0	0.0	0.0
351 DL	8.2	4.5	15.9	0.13	0.006	0.007	0.04	3.26	48.35	77.59	23.47	0.0	0.000	0.0	1.16	3.87	218.6	0.0	0.0	0.0
352 DL	8.0	4.5	15.9	0.13	0.006	0.007	0.04	3.34	48.35	76.12	23.33	0.0	0.000	0.0	1.19	3.90	218.5	0.0	0.0	0.0
353 DL	7.9	4.4	15.8	0.14	0.006	0.007	0.04	3.39	48.36	75.21	23.25	0.0	0.000	0.0	1.21	3.83	218.4	0.0	0.0	0.0
354 DL	7.8	4.4	15.8	0.14	0.006	0.007	0.04	3.42	48.36	74.71	23.20	0.0	0.000	0.0	1.22	3.90	218.3	0.0	0.0	0.0
355 DL	7.7	4.3	15.7	0.14	0.006	0.007	0.04	3.45	48.37	74.33	23.16	0.0	0.000	0.0	1.23	3.89	218.2	0.0	0.0	0.0
356 DL	7.6	4.3	15.8	0.14	0.006	0.007	0.04	3.47	48.37	73.93	23.13	0.0	0.000	0.0	1.24	3.87	218.2	0.0	0.0	0.0
357 DL	7.5	4.3	15.7	0.14	0.006	0.007	0.04	3.50	48.37	73.52	23.09	0.0	0.000	0.0	1.25	3.89	218.2	0.0	0.0	0.0

Test #: 1063 Commuter

Date: 5/10/94

Test cycle results

CO (g/mi) =	1.76
CO2 (g/mi) =	605.89
NOx (g/mi) =	7.17

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
10:57:34	78.75	1.73	121.12	91.58	54.95	75.61	681.36							
10:57:35	78.75	1.73	121.12	92.80	53.72	75.37	682.88							
10:57:36	78.75	1.73	121.12	91.58	53.72	75.61	680.34							
10:57:37	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.2308	19.6873	0.1131	0.0008	0.0021	0.2936	0.0000
10:57:38	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.2308	19.6873	0.1131	0.0017	0.0043	0.5872	0.0001
10:57:39	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.0705	19.5232	0.0000	0.0025	0.0064	0.8783	0.0001
10:57:40	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.5513	20.0154	0.1131	0.0034	0.0086	1.1768	0.0001
10:57:41	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.5513	20.0154	0.1131	0.0043	0.0108	1.4753	0.0001
10:57:42	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.5513	20.0154	0.1131	0.0051	0.0130	1.7738	0.0002
10:57:43	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.5513	20.0154	0.1131	0.0060	0.0151	2.0723	0.0002
10:57:44	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.5513	20.0154	0.1131	0.0069	0.0173	2.3708	0.0002
10:57:45	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.5513	20.0154	0.1131	0.0077	0.0195	2.6692	0.0003
10:57:46	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.5513	20.0154	0.1131	0.0086	0.0217	2.9677	0.0003
10:57:47	78.75	1.73	121.12	92.80	56.17	75.61	681.36	19.5513	20.0154	0.1131	0.0094	0.0239	3.2662	0.0003
10:57:48	77.29	1.75	121.12	92.80	53.72	75.37	683.90	19.5513	20.0154	0.1131	0.0103	0.0260	3.5647	0.0003
10:57:49	77.29	1.75	121.61	92.80	54.95	75.37	680.85	19.5513	20.0154	0.1131	0.0112	0.0282	3.8632	0.0004
10:57:50	77.29	1.76	121.12	92.80	53.72	75.37	681.86	19.5513	20.0154	0.1131	0.0120	0.0304	4.1617	0.0004
10:57:51	77.29	1.78	121.12	94.02	54.95	75.37	685.93	19.2308	19.6903	0.1131	0.0129	0.0325	4.4573	0.0004
10:57:52	77.29	1.78	121.12	94.02	56.17	75.37	683.90	19.3910	19.8544	0.1131	0.0137	0.0347	4.7554	0.0005
10:57:53	77.29	1.81	121.12	94.02	56.17	75.37	682.88	19.2308	19.6955	0.1131	0.0145	0.0369	5.0544	0.0005
10:57:54	77.17	1.83	121.12	94.02	54.95	75.37	683.90	19.5513	20.0279	0.1131	0.0154	0.0390	5.3611	0.0005
10:57:55	77.17	1.85	121.12	92.80	54.95	75.37	681.36	19.7115	20.1921	0.1131	0.0162	0.0412	5.6704	0.0006
10:57:56	77.29	1.90	121.12	92.80	56.17	75.37	738.31	19.7115	20.2005	0.1131	0.0171	0.0434	5.9852	0.0006
10:57:57	77.29	1.93	121.12	95.24	56.17	75.37	874.58	19.5513	20.0415	0.1131	0.0179	0.0456	6.3009	0.0006
10:57:58	77.29	1.96	210.01	102.56	63.49	75.37	1112.03	19.3910	19.8835	0.1131	0.0188	0.0478	6.6181	0.0007
10:57:59	77.29	1.96	210.01	102.56	63.49	75.13	1112.03	19.5513	20.0593	2.0355	0.0196	0.0500	6.9456	0.0012
10:58:00	77.29	2.06	210.01	147.74	75.70	75.37	1311.86	19.8718	20.3978	2.9401	0.0205	0.0522	7.2847	0.0020
10:58:01	77.29	2.12	210.01	180.71	84.25	75.37	1421.70	21.7949	22.3811	5.3148	0.0214	0.0564	7.6628	0.0035
10:58:02	77.29	2.19	210.01	250.31	111.11	75.13	1649.49	21.7949	22.3811	5.3148	0.0224	0.0607	8.0409	0.0050
10:58:03	77.29	2.24	210.01	367.52	151.40	75.13	1855.93	29.3269	30.1551	7.8028	0.0237	0.0663	8.5757	0.0072
10:58:04	81.81	2.32	210.01	711.84	233.21	75.13	1686.61	34.7756	35.7839	9.2726	0.0252	0.0731	9.2271	0.0097
10:58:05	81.81	2.36	210.01	835.16	290.60	75.13	1671.36	47.4359	48.8571	11.4212	0.0272	0.0823	10.1461	0.0129
10:58:06	81.81	2.40	210.01	880.34	338.22	75.61	1699.32	68.1090	70.1971	12.6651	0.0302	0.0956	11.4971	0.0164
10:58:07	81.81	2.47	210.01	982.91	374.85	75.37	1771.02	124.0384	127.9826	16.0575	0.0359	0.1198	14.0505	0.0209
10:58:08	81.81	2.52	297.92	1076.92	405.37	75.13	1756.27	147.7564	152.5343	17.1883	0.0428	0.1486	17.1449	0.0257
10:58:09	81.81	2.58	297.92	1102.56	428.13	75.13	1219.32	159.9359	165.2024	18.2060	0.0502	0.1798	20.5574	0.0307
10:58:10	81.81	2.65	297.92	764.35	330.89	75.13	1053.05	178.2051	184.2365	20.1284	0.0584	0.2146	24.4682	0.0363
10:58:11	81.81	2.69	298.41	575.09	272.28	75.13	1078.98	194.5513	201.2723	21.0330	0.0674	0.2685	28.8285	0.0422
10:58:12	81.81	2.75	297.92	389.50	214.90	74.88	1115.59	200.6410	207.7348	22.6162	0.0768	0.3242	33.4335	0.0484
10:58:13	82.30	2.78	297.92	321.12	190.48	74.88	1144.58	143.7500	148.9798	22.9554	0.0834	0.3641	36.8312	0.0548
10:58:14	82.30	2.84	297.92	279.61	173.38	74.88	1615.43	111.2179	115.3242	23.5208	0.0888	0.3950	39.5000	0.0613
10:58:15	82.30	2.84	297.92	279.61	173.38	75.37	1615.43	79.3269	82.3158	24.3124	0.0923	0.4171	41.4436	0.0681
10:58:16	82.30	2.91	297.92	688.84	275.95	75.13	1950.51	67.1474	69.7065	24.9909	0.0954	0.4358	43.1082	0.0750
10:58:17	82.30	2.95	297.92	1213.68	448.11	75.37	1668.81	59.4551	61.7757	24.7647	0.0982	0.4523	44.6188	0.0819
10:58:18	82.30	2.99	343.83	1586.08	643.47	75.13	1499.49	59.4551	61.7757	24.7647	0.1010	0.4689	46.1293	0.0888
10:58:19	82.30	3.03	343.83	1534.80	650.79	75.37	1573.73	126.6025	131.6604	29.1749	0.1069	0.5041	49.4238	0.0989
10:58:20	82.30	3.06	343.35	1496.95	645.91	75.13	1627.12	218.1089	226.9524	30.4188	0.1171	0.5649	55.1868	0.1054
10:58:21	82.30	3.10	343.35	1525.03	636.14	75.13	1701.87	292.6281	304.6357	32.6804	0.1309	0.6591	63.0140	0.1144
10:58:22	82.30	3.13	343.83	1647.13	669.11	75.13	1750.68	286.8589	298.8007	34.3766	0.1443	0.7515	70.8019	0.1240
10:58:23	82.30	3.17	343.83	1722.83	708.18	74.88	1374.92	281.2499	293.0649	35.6205	0.1575	0.8420	78.5092	0.1339
10:58:24	141.03	3.22	343.83	1328.45	600.73	75.13	1330.17	283.6538	295.7235	36.6382	0.1709	0.9333	86.3858	0.1441
10:58:25	141.03	3.27	343.83	1106.23	536.02	75.13	1357.12	304.0063	317.0904	38.2213	0.1851	1.0314	94.9273	0.1547
10:58:26	141.03	3.31	343.83	967.03	494.51	75.13	1384.07	319.0704	332.9933	39.3521	0.2002	1.1344	104.0202	0.1656
10:58:27	141.03	3.40	343.83	905.98	465.20	75.13	1423.22	253.2051	264.4473	40.1437	0.2206	1.2161	111.3479	0.1768
10:58:28	140.90	3.45	389.74	899.88	438.34	75.13	1443.56	215.5449	225.2554	41.0484	0.2380	1.2858	117.6805	0.1882
10:58:29	141.03	3.54	390.23	903.54	429.79	75.13	1468.48	191.8269	200.5732	41.8399	0.2534	1.3478	123.3865	0.1998
10:58:30	141.03	3.60	389.74	893.77	423.69	75.13	1484.75	179.9679	188.4083	42.9707	0.2680	1.4061	128.8983	0.2117
10:58:31	141.03	3.60	389.74	893.77	423.69	75.37	1484.75	175.6410	183.9930	43.7623	0.2822	1.4706	134.3551	0.2239
10:58:32	141.03	3.80	389.74	827.84	405.37	75.13	1510.68	175.0000	183.5501	44.3277	0.2964	1.5350	139.9488	0.2362
10:58:33	141.03	3.87	389.74	792.43	387.06	75.13	1517.80	172.9167	181.5157	44.7800	0.3104	1.5986	145.5740	0.2486
10:58:34	264.84	3.96	389.74	768.01	376.07	75.13	1526.44	172.9167	181.5157	44.7800	0.3244	1.6622	151.2012	0.2611
10:58:35	264.84	4.10	389.26	744.81	365.08	75.13	1541.70	161.8590	170.3494	45.4585	0.3375	1.7219	156.7683	0.2737
10:58:36	264.96	4.22	389.74	738.71	368.74	75.13	1549.83	154.8077	163.0888	45.7978	0.3501	1.7791	162.2022	0.2864
10:58:37	264.84	4.38	389.26	727.72	352.87	75.13	1565.09	150.1602	158.4175	46.1370	0.3731	1.8346	167.6029	0.2992

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	1.6	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	0.5			
14 Pipe Area	0.2625	ft^2		

10:58:38	264.84	4.48	624.18	724.05	344.32	75.37	1574.24	145.6731	153.9704	46.5893	0.3954	1.8865	173.0381	0.3122
10:58:39	264.84	4.48	624.18	724.05	344.32	75.13	1574.24	145.3525	153.8785	46.9288	0.4178	1.9425	178.6303	0.3252
10:58:40	264.84	4.65	624.18	748.47	339.44	75.13	1588.98	141.8269	150.4571	47.2678	0.4396	1.9951	184.3003	0.3383
10:58:41	264.84	4.81	624.18	777.78	357.75	75.13	1604.75	140.2244	148.9495	47.4940	0.4612	2.0787	190.0385	0.3515
10:58:42	264.86	4.91	624.18	774.11	358.97	75.13	1614.41	140.2244	148.9495	47.4940	0.4828	2.1624	195.7788	0.3647
10:58:43	264.84	5.07	624.18	786.32	356.53	75.13	1628.14	142.7884	152.0107	47.9463	0.5048	2.2477	201.8525	0.3780
10:58:44	445.79	5.17	624.18	814.41	360.20	75.13	1637.29	149.0384	159.0090	48.3986	0.5279	2.3369	208.4323	0.3915
10:58:45	445.79	5.33	624.18	854.70	379.73	75.13	1652.54	148.7179	158.8802	48.8509	0.5509	2.4261	215.1454	0.4050
10:58:46	445.79	5.42	624.18	894.99	388.28	75.13	1661.19	150.0000	160.5809	49.1902	0.5742	2.5163	222.1462	0.4187
10:58:47	445.79	5.57	624.18	936.51	412.70	75.13	1669.83	154.1667	165.3178	49.4163	0.6145	2.6091	229.4978	0.4324
10:58:48	445.79	5.66	858.12	957.26	432.23	75.37	1683.05	162.0192	174.1059	49.8687	0.6570	2.7068	237.4801	0.4463
10:58:49	445.67	5.75	858.12	964.59	426.13	74.88	1693.73	168.4295	181.2090	50.2079	0.7013	2.8085	245.9279	0.4602
10:58:50	445.79	5.85	858.61	996.34	411.48	75.13	1701.36	177.0833	190.8927	50.3210	0.7479	2.9157	255.0708	0.4742
10:58:51	445.79	6.00	858.61	1051.28	435.90	75.13	1704.92	182.3718	196.8264	50.7733	0.7959	3.0676	264.6500	0.4883
10:58:52	445.67	6.12	858.61	1015.87	450.55	75.13	1708.44	182.5320	197.2428	51.1125	0.8440	3.2198	274.4085	0.5025
10:58:53	445.67	6.29	858.12	934.07	406.59	75.37	1709.49	184.7756	199.9242	51.4518	0.8928	3.3742	284.4675	0.5168
10:58:54	499.51	6.38	858.61	892.55	405.37	75.37	1710.51	195.1923	211.6187	51.4518	0.9445	3.5376	295.3921	0.5311
10:58:55	499.51	6.47	859.10	858.36	405.37	75.37	1713.56	192.4878	208.9975	51.5849	0.9955	3.6990	306.3990	0.5454
10:58:56	499.51	6.61	859.10	844.93	407.81	75.13	1716.61	175.9615	191.4862	51.4518	1.0422	3.8467	316.7537	0.5597
10:58:57	499.51	6.68	858.12	874.24	440.78	75.37	1724.75	170.3526	185.6292	51.6780	1.0930	3.9901	326.9414	0.5741
10:58:58	499.27	6.80	973.38	890.11	431.01	75.13	1735.93	165.8654	180.9438	51.6780	1.1424	4.1299	337.0056	0.5884
10:58:59	499.63	6.86	973.38	930.40	401.71	75.13	1736.95	164.4231	179.7018	51.7910	1.1916	4.2687	347.2181	0.6028
10:59:00	499.51	6.91	973.38	916.97	395.60	75.13	1736.95	172.5981	188.8279	52.1303	1.2432	4.4144	358.0760	0.6173
10:59:01	499.51	6.98	973.38	908.42	407.81	75.37	1736.95	173.3974	189.9963	52.4695	1.2952	4.5808	369.1928	0.6319
10:59:02	499.51	7.05	972.89	912.09	406.59	75.37	1742.04	174.6397	191.7241	52.4695	1.3476	4.7486	380.5068	0.6464
10:59:03	499.39	7.10	973.38	918.19	382.17	75.13	1746.10	172.2756	189.0285	52.5826	1.3993	4.9141	391.7382	0.6611
10:59:04	499.51	7.14	972.89	938.95	384.62	75.13	1750.17	172.7564	189.7308	52.5826	1.4512	5.0802	403.1260	0.6757
10:59:05	499.51	7.16	972.89	986.57	404.15	75.37	1757.29	173.0769	190.2678	52.5826	1.5032	5.2466	414.6674	0.6903
10:59:06	499.51	7.21	972.89	990.23	422.47	75.13	1761.87	170.6731	187.7404	52.8088	1.5546	5.4110	426.1312	0.7049
10:59:07	499.39	7.21	973.38	995.12	442.00	75.13	1761.87	173.7179	191.1974	52.8088	1.6066	5.5783	437.8768	0.7196
10:59:08	499.51	7.21	972.89	1007.33	442.00	75.37	1765.42	182.5320	200.9498	53.0349	1.6616	5.7541	450.2552	0.7343
10:59:09	499.51	7.21	1085.71	990.23	429.79	75.13	1766.95	185.4166	204.2508	53.2611	1.7177	5.9328	462.9192	0.7491
10:59:10	499.51	7.21	1085.71	945.05	417.58	75.37	1771.02	188.6216	207.7815	53.2611	1.7745	6.1147	475.8022	0.7639
10:59:11	499.51	7.21	1085.71	932.84	411.48	75.13	1775.09	190.2244	209.5469	53.3742	1.8318	6.2980	488.7946	0.7788
10:59:12	499.51	7.19	1085.71	918.19	411.48	75.13	1777.12	186.3782	205.3101	53.2611	1.8879	6.4985	501.5243	0.7935
10:59:13	499.51	7.17	1086.20	929.18	406.59	75.13	1784.24	178.8461	197.0129	53.4873	1.9418	6.6909	513.7396	0.8084
10:59:14	499.51	7.15	1085.71	954.82	404.15	75.37	1790.34	176.4423	194.3649	53.6003	1.9950	6.8807	525.7907	0.8233
10:59:15	499.51	7.13	1085.71	1000.00	411.48	75.37	1795.93	174.5192	192.2071	53.7134	2.0475	7.0683	537.6822	0.8382
10:59:16	499.51	7.11	1085.22	1030.52	412.70	75.13	1798.95	175.3205	193.0403	53.8265	2.1003	7.2569	549.5928	0.8532
10:59:17	499.51	7.08	1085.22	1025.64	412.70	75.13	1794.92	178.3654	196.3225	54.1657	2.1540	7.4488	561.6598	0.8682
10:59:18	499.51	7.02	1085.71	969.47	409.04	75.13	1795.93	185.2564	203.8656	54.2788	2.2098	7.6477	574.1630	0.8833
10:59:19	499.51	7.01	911.36	936.51	405.37	75.13	1795.93	189.4229	208.4080	54.2788	2.2668	7.8511	586.9166	0.8984
10:59:20	499.51	6.93	910.87	920.63	402.93	75.13	1801.02	188.7819	207.6177	54.1657	2.3235	8.0537	599.5665	0.9134
10:59:21	499.51	6.90	910.87	934.07	395.60	74.88	1804.07	180.9295	198.8291	54.2788	2.3779	8.2478	611.5805	0.9285
10:59:22	499.51	6.81	910.87	948.72	405.37	75.13	1811.19	176.1218	193.5061	54.3919	2.4308	8.4064	623.2469	0.9436
10:59:23	499.39	6.79	910.38	958.49	417.58	75.13	1815.26	173.7179	190.6599	54.3919	2.4830	8.5626	634.6072	0.9587
10:59:24	499.51	6.73	911.36	986.57	428.57	75.13	1818.31	174.5192	191.4706	54.5050	2.5353	8.7195	645.9708	0.9738
10:59:25	499.39	6.67	910.87	1021.98	439.56	74.88	1821.87	177.7244	194.7875	54.7311	2.5886	8.8790	657.3861	0.9890
10:59:26	499.51	6.60	910.38	1069.60	462.76	75.13	1826.95	180.6090	197.8678	54.7311	2.6427	9.0410	668.9433	1.0043
10:59:27	499.51	6.55	910.38	1085.47	474.97	75.13	1827.97	185.7372	203.3298	55.0704	2.6983	9.2077	680.7171	1.0195
10:59:28	499.51	6.47	910.38	1074.48	485.96	75.13	1832.03	191.8289	209.8241	55.0704	2.7557	9.3796	692.7541	1.0348
10:59:29	499.51	6.42	738.95	1107.45	498.17	75.13	1836.61	201.1218	219.7994	55.0704	2.8158	9.5595	705.2379	1.0501
10:59:30	499.51	6.35	738.95	1135.53	536.02	75.37	1841.70	204.6077	223.6870	55.1835	2.8770	9.7426	717.8362	1.0655
10:59:31	499.51	6.29	738.95	1169.72	509.16	74.88	1846.78	204.8077	223.4491	55.2965	2.9381	9.9256	730.2797	1.0808
10:59:32	499.51	6.22	738.95	1189.26	496.95	75.37	1849.83	210.7372	229.7414	55.2965	3.0009	10.0783	742.9578	1.0962
10:59:33	499.51	6.15	739.44	1196.58	495.73	75.13	1847.29	219.3910	238.9548	55.6358	3.0663	10.2371	755.9998	1.1116
10:59:34	499.51	6.09	738.95	1199.02	470.09	75.13	1850.34	220.3525	239.8297	55.8620	3.1318	10.3984	768.9769	1.1272
10:59:35	499.39	6.04	739.44	1178.27	460.32	75.13	1852.37	221.3141	240.6414	55.8620	3.1977	10.5584	781.8443	1.1427
10:59:36	499.51	5.99	738.95	1161.17	456.65	75.13	1861.02	222.1154	241.2894	55.8620	3.2636	10.7168	794.6004	1.1582
10:59:37	499.51	5.92	738.95	1188.03	460.32	75.13	1864.58	219.0705	237.8108	55.8620	3.3287	10.8749	807.0608	1.1737
10:59:38	499.51	5.89	738.95	1219.78	461.54	75.13	1865.59	215.0641	233.3055	55.8620	3.3925	11.0300	819.1834	1.1892
10:59:39	499.51	5.82	676.43	1179.49	468.86	75.13	1860.51	212.3397	230.1845	56.2012	3.4554	11.1830	831.0355	1.2048
10:59:40	499.51	5.79	676.43	1144.08	457.88	75.13	1860.51	216.3461	234.3227	56.2012	3.5195	11.3387	842.9668	1.2205
10:59:41	499.51	5.74	676.43	1142.86	473.75	75.13	1859.49	220.6730	238.9232	56.4273	3.5848	11.4975	855.0763	1.2361
10:59:42	499.51	5.72	676.43	1123.32	466.42	75.13	1862.04	216.3461	234.0217	56.0881	3.6488	11.6398	866.7958	1.2517
10:59:43	499.39	5.71	676.43	1109.89	460.32	74.88	1860.51	210.2564	227.3525	56.0881	3.7110	11.7781	878.1279	1.2673
10:59:44	499.51	5.66	676.43	1081.81	451.77	74.88	1860.51	212.1795	229.2668	56.0881	3.7737	11.9176	889.4477	1.2829
10:59:45	499.51	5.65	676.43	1054.94	454.21	75.13	1862.04	208.6538	225.3992	56.0881	3.8354	12.0547	900.5386	1.2985
10:59:46	499.51	5.61	676.43	1058.61	450.55	74.88	1862.04	206.0897	222.5949	56.2012	3.8962	12.1902	911.4691	1.3141
10:59:47	499.51	5.59	676.43	1072.04	467.64	74.88	1864.07	201.2820	217.2681	56.0881	3.9556	12.3223	922.0504	1.3296
10:59:48	499.51	5.56	676.43	1070.82	488.40	75.13	1864.07	198.0769	213.7754	56.2012	4.0141	12.4524	932.4401	1.3453
10:59:49	499.51	5.51	614.41	1090.35	489.62	75.13	1865.59	198.0769	213.6654	56.2012	4.0725	12.5824	942.7527	1.3609

10:59:50	499.51	5.50	613.92	1105.01	459.10	75.13	1864.58	202.0833	217.9198	56.2012	4.1321	12.7149	953.2267	1.3765
10:59:51	499.51	5.50	614.41	1114.77	450.55	74.88	1865.59	204.6474	220.6053	56.4273	4.1925	12.8491	963.7780	1.3922
10:59:52	499.51	5.46	614.41	1101.34	435.90	74.88	1865.59	207.3718	223.4040	56.2012	4.2536	12.9726	974.3730	1.4078
10:59:53	499.51	5.46	613.92	1081.81	429.79	74.88	1865.59	205.2884	221.1254	56.3143	4.3140	13.0947	984.8377	1.4234
10:59:54	394.87	5.43	614.41	1068.38	426.13	74.88	1865.59	205.4487	221.2981	56.4273	4.3746	13.2169	995.3106	1.4391
10:59:55	394.87	5.43	614.41	1080.59	426.13	74.88	1865.59	201.7628	217.2159	56.4273	4.4340	13.3370	1005.5173	1.4548
10:59:56	394.87	5.43	614.41	1073.26	437.12	74.88	1865.59	198.3974	213.5928	56.3143	4.4924	13.4549	1015.5538	1.4704
10:59:57	394.87	5.39	613.92	1065.93	434.68	74.88	1861.02	196.1538	211.0390	56.4273	4.5380	13.5715	1025.4065	1.4861
10:59:58	394.87	5.39	614.41	1031.75	431.01	74.88	1859.49	197.7564	212.7632	56.2012	4.5840	13.6891	1035.3397	1.5017
10:59:59	394.75	5.39	596.34	1013.43	421.25	74.64	1857.46	198.2372	213.2804	56.3143	4.6301	13.8069	1045.2970	1.5173
11:00:00	394.87	5.37	596.34	963.37	412.70	74.64	1855.93	196.9551	211.7920	56.3143	4.6759	13.9239	1055.1137	1.5330
11:00:01	394.75	5.35	596.34	948.72	406.59	74.64	1856.95	191.9872	206.4498	56.2012	4.7205	14.0379	1064.6828	1.5486
11:00:02	394.87	5.33	596.34	943.83	404.15	74.64	1859.49	188.3013	202.4862	56.2012	4.7643	14.1465	1074.0682	1.5642
11:00:03	394.87	5.32	596.34	993.90	420.02	74.64	1866.61	180.6090	194.1644	56.0881	4.8063	14.2507	1083.0352	1.5798
11:00:04	291.70	5.32	596.83	1043.98	433.46	74.64	1869.15	177.8846	191.1764	56.0881	4.8476	14.3532	1091.8257	1.5954
11:00:05	291.82	5.31	596.34	1107.45	442.00	74.40	1869.15	176.9231	190.1039	56.2012	4.8887	14.4551	1100.5414	1.6110
11:00:06	291.82	5.28	596.83	1112.33	442.00	74.64	1867.63	185.5769	199.3716	56.3143	4.9318	14.5621	1109.6619	1.6266
11:00:07	291.82	5.28	596.34	1094.02	443.22	74.64	1868.65	193.9103	208.2850	56.5404	4.9651	14.6739	1119.1901	1.6423
11:00:08	291.82	5.26	596.34	1064.71	440.78	74.64	1867.12	203.3654	218.4074	56.4273	5.0000	14.7910	1129.1594	1.6580
11:00:09	291.70	5.26	580.71	1057.39	449.33	74.64	1867.12	204.0064	219.0168	56.4273	5.0349	14.9085	1139.1050	1.6737
11:00:10	291.82	5.24	581.20	1037.85	463.98	74.64	1865.09	201.7628	216.6081	56.4273	5.0696	15.0247	1148.9412	1.6893
11:00:11	291.82	5.24	580.71	1034.19	449.33	74.40	1865.09	197.5961	212.0693	56.4273	5.1034	15.1384	1158.5286	1.7050
11:00:12	291.70	5.24	581.20	1007.33	433.46	74.40	1862.54	197.7564	212.2412	56.4273	5.1373	15.2493	1168.1237	1.7207
11:00:13	291.82	5.22	581.20	1014.65	437.12	74.40	1862.54	197.1154	211.4987	56.4273	5.1711	15.3598	1177.6498	1.7364
11:00:14	214.77	5.21	580.71	1013.43	437.12	74.40	1862.54	194.7115	208.9195	56.3143	5.2045	15.4689	1187.0597	1.7520
11:00:15	214.90	5.19	581.20	1023.20	433.46	74.40	1863.56	189.1026	202.9012	56.3143	5.2369	15.5750	1196.1985	1.7676
11:00:16	214.77	5.17	580.71	1035.41	451.77	74.40	1862.54	190.5449	204.3961	56.3143	5.2696	15.6818	1205.3704	1.7833
11:00:17	214.77	5.16	580.71	1073.26	459.10	74.40	1862.54	190.3846	204.1638	56.2012	5.2936	15.7885	1214.5112	1.7989
11:00:18	214.77	5.16	580.71	1086.69	454.21	74.40	1862.54	191.1859	204.9914	56.0881	5.3177	15.8956	1223.6684	1.8145
11:00:19	214.77	5.16	554.33	1089.13	452.99	74.40	1864.07	195.1923	209.2331	56.3143	5.3423	16.0049	1232.9800	1.8301
11:00:20	214.77	5.15	554.33	1118.44	439.56	74.64	1864.07	201.1218	215.5446	56.3143	5.3676	16.1174	1242.5435	1.8458
11:00:21	214.77	5.15	554.33	1133.09	435.90	74.64	1865.09	202.2436	216.7469	56.3143	5.3931	16.2306	1252.1604	1.8614
11:00:22	214.77	5.13	554.33	1135.53	434.68	74.64	1865.09	202.4038	216.9186	56.2012	5.4186	16.3388	1261.7849	1.8770
11:00:23	214.77	5.12	554.33	1103.79	444.44	74.40	1867.12	204.4872	219.1175	56.2012	5.4444	16.4480	1271.4848	1.8926
11:00:24	167.28	5.09	554.33	1081.81	454.21	74.40	1868.14	205.9295	220.6630	56.4273	5.4703	16.5580	1281.2532	1.9083
11:00:25	167.15	5.09	554.33	1101.34	457.88	74.16	1869.15	206.0897	220.7777	56.2012	5.4963	16.6681	1290.9895	1.9239
11:00:26	167.15	5.07	554.33	1106.23	455.43	74.40	1871.19	203.2051	217.6539	56.3143	5.5219	16.7766	1300.5662	1.9396
11:00:27	167.15	5.07	554.33	1111.11	454.21	74.40	1871.19	201.6025	215.8406	56.3143	5.5417	16.8842	1310.0124	1.9552
11:00:28	167.28	5.05	554.33	1103.79	451.77	74.40	1872.20	204.8474	219.1005	56.4273	5.5617	16.9934	1319.6012	1.9709
11:00:29	167.28	5.05	528.45	1111.11	449.33	74.40	1872.20	204.9679	219.3870	56.4273	5.5818	17.1028	1329.1657	1.9865
11:00:30	167.15	5.05	528.45	1111.11	460.32	74.40	1870.68	205.4487	219.9016	56.5404	5.6019	17.2124	1338.7526	2.0023
11:00:31	167.28	5.05	528.45	1111.11	460.32	74.40	1870.68	204.1666	218.4843	56.6535	5.6219	17.3214	1348.2484	2.0180
11:00:32	167.15	5.04	528.94	1101.34	484.74	74.40	1870.68	204.8077	219.1703	56.6535	5.6420	17.4255	1357.7740	2.0337
11:00:33	167.28	5.04	528.45	1081.81	463.98	74.16	1869.66	206.2500	220.7137	56.4273	5.6622	17.5304	1367.3667	2.0494
11:00:34	146.52	5.03	528.94	1062.27	445.67	74.40	1867.63	206.2500	220.7137	56.4273	5.6824	17.6353	1376.9594	2.0651
11:00:35	146.40	5.01	528.94	1037.85	439.56	74.40	1868.65	208.1731	222.7372	56.4273	5.7028	17.7413	1386.6176	2.0808
11:00:36	146.52	5.03	528.94	1052.50	448.11	74.40	1866.10	202.8846	217.0788	56.4273	5.7227	17.8444	1396.0305	2.0964
11:00:37	146.40	5.01	528.45	1046.40	445.67	74.40	1867.63	197.9167	211.7224	56.4273	5.7397	17.9451	1405.1897	2.1121
11:00:38	146.40	4.99	528.45	1042.73	434.68	74.40	1867.63	193.9102	207.3830	56.4273	5.7563	18.0438	1414.1264	2.1278
11:00:39	146.40	4.99	524.05	1065.93	434.68	74.16	1866.10	196.9551	210.6829	56.2012	5.7732	18.1440	1423.2336	2.1434
11:00:40	146.40	4.98	524.54	1078.14	438.34	74.16	1866.10	195.8333	209.4289	56.5404	5.7900	18.2435	1432.2514	2.1591
11:00:41	146.52	4.98	524.54	1068.38	438.34	74.16	1867.12	193.9101	207.3400	56.4273	5.8066	18.3421	1441.1584	2.1748
11:00:42	146.52	4.98	525.03	1067.16	444.44	74.16	1867.12	196.9551	210.5959	56.4273	5.8235	18.4413	1450.2053	2.1904
11:00:43	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	199.0385	212.7906	56.2012	5.8405	18.5417	1459.3250	2.2061
11:00:44	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	197.7564	211.4200	56.4273	5.8575	18.6415	1468.3859	2.2217
11:00:45	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.3974	212.1053	56.3143	5.8745	18.7416	1477.4763	2.2374
11:00:46	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.7179	212.4480	56.3143	5.8915	18.8418	1486.5813	2.2530
11:00:47	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.7179	212.4480	56.3143	5.9086	18.9420	1495.6863	2.2687
11:00:48	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.7179	212.4480	56.3143	5.9256	19.0423	1504.7913	2.2843
11:00:49	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.7179	212.4480	56.3143	5.9427	19.1425	1513.8963	2.2999
11:00:50	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.7179	212.4480	56.3143	5.9597	19.2427	1523.0013	2.3156
11:00:51	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.7179	212.4480	56.3143	5.9768	19.3429	1532.1063	2.3312
11:00:52	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.7179	212.4480	56.3143	5.9938	19.4431	1541.2113	2.3469
11:00:53	146.52	4.98	524.54	1061.05	452.99	74.40	1867.12	198.7179	212.4480	56.3143	6.0108	19.5434	1550.3163	2.3625
11:00:54	131.01	4.94	518.19	1040.29	471.31	74.64	1867.12	198.7179	212.4480	56.3143	6.0279	19.6436	1559.4213	2.3782
11:00:55	131.01	4.94	518.68	1036.63	465.20	74.64	1866.10	198.7179	212.4480	56.3143	6.0449	19.7438	1568.5263	2.3938
11:00:56	131.01	4.93	518.68	1041.51	454.21	74.40	1866.10	198.7179	212.4480	56.3143	6.0620	19.8440	1577.6314	2.4094
11:00:57	131.01	4.93	518.68	1041.51	454.21	74.40	1866.10	198.3974	211.9899	56.4273	6.0772	19.9428	1586.6455	2.4251
11:00:58	131.01	4.93	510.38	1045.18	449.33	74.64	1866.10	197.1154	210.6200	56.4273	6.0923	20.0411	1595.6015	2.4408
11:00:59	131.01	4.93	510.38	1050.06	451.77	74.64	1865.09	196.3141	209.7205	56.4273	6.1073	20.1389	1604.4910	2.4565
11:01:00	131.01	4.91	510.38	1051.28	462.76	74.64	1865.09	196.3141	209.7205	56.4273	6.1224	20.2367	1613.3805	2.4721
11:01:01	131.01	4.91	509.89	1020.76	478.63	74.64	1865.09	196.1537	209.5492	56.4273	6.1374	20.3329	1622.2627	2.4878

11:01:02	131.01	4.91	509.89	1026.86	470.09	74.64	1865.09	197.1152	210.5764	56.4273	6.1525	20.4298	1631.1885	2.5035
11:01:03	131.01	4.89	510.38	1054.94	457.88	74.64	1865.09	198.7179	212.2447	56.4273	6.1677	20.5270	1640.1565	2.5192
11:01:04	128.45	4.89	510.38	1081.81	455.43	74.64	1867.12	198.7947	210.1906	56.4273	6.1828	20.6234	1649.0376	2.5348
11:01:05	128.45	4.89	510.38	1081.81	455.43	74.64	1867.12	196.4744	209.8484	56.4273	6.1979	20.7196	1657.9044	2.5505
11:01:06	128.45	4.89	510.38	1091.57	451.77	74.64	1868.65	198.5577	212.0188	56.5404	6.2131	20.8169	1666.8272	2.5662
11:01:07	128.45	4.89	510.38	1125.76	450.55	74.40	1869.66	201.7628	215.4402	56.4273	6.2282	20.9158	1675.8940	2.5819
11:01:08	128.45	4.88	502.56	1147.74	460.32	74.88	1870.68	201.7628	215.4402	56.4273	6.2434	21.0147	1684.9608	2.5976
11:01:09	128.45	4.88	502.56	1174.60	474.97	74.64	1871.70	202.5641	216.2958	56.4273	6.2586	21.1140	1694.0637	2.6132
11:01:10	128.45	4.86	502.56	1184.37	482.30	74.64	1871.70	206.8910	220.9160	56.3143	6.2741	21.2154	1703.3609	2.6289
11:01:11	128.57	4.87	502.56	1158.73	479.85	74.64	1875.26	211.0577	225.3302	56.6535	6.2900	21.3172	1712.8213	2.6446
11:01:12	128.45	4.87	502.56	1140.42	471.31	74.64	1872.71	216.5064	231.1474	56.5404	6.3062	21.4217	1722.5258	2.6603
11:01:13	128.45	4.87	502.56	1140.42	471.31	74.64	1872.71	218.7500	233.4824	56.5404	6.3226	21.5272	1732.2892	2.6760
11:01:14	128.45	4.86	502.08	1106.23	456.65	74.64	1872.71	215.0641	229.5839	56.5404	6.3388	21.6310	1741.9127	2.6917
11:01:15	124.54	4.86	502.56	1102.56	448.11	74.64	1874.24	211.5384	225.8202	56.6535	6.3547	21.7330	1751.3785	2.7075
11:01:16	124.54	4.87	502.56	1107.45	449.33	74.64	1874.24	211.5384	225.8202	56.6535	6.3706	21.8351	1760.8442	2.7232
11:01:17	124.54	4.86	502.56	1119.66	455.43	74.64	1875.26	205.1282	218.9320	56.6535	6.3860	21.9340	1769.9918	2.7389
11:01:18	124.54	4.86	502.08	1130.65	454.21	74.64	1872.71	203.5256	217.2200	56.4273	6.4008	22.0321	1779.0678	2.7546
11:01:19	124.54	4.86	502.56	1102.56	455.43	74.64	1871.70	204.3269	218.1090	56.6535	6.4156	22.1307	1788.2030	2.7704
11:01:20	124.42	4.86	502.56	1086.69	444.44	74.64	1871.70	206.7307	220.6408	56.7666	6.4307	22.2304	1797.4220	2.7861
11:01:21	124.54	4.86	502.08	1073.26	434.68	74.64	1870.68	208.0128	222.0091	56.5404	6.4456	22.3307	1806.6982	2.8018
11:01:22	124.54	4.87	502.08	1066.38	431.01	74.64	1870.68	204.4872	218.2462	56.5404	6.4607	22.4293	1815.8171	2.8175
11:01:23	124.54	4.86	502.56	1062.27	428.57	74.40	1872.20	200.9615	214.4833	56.5404	6.4753	22.5263	1824.7788	2.8332
11:01:24	122.47	4.86	502.56	1065.93	428.57	74.64	1872.20	197.9167	211.2336	56.5404	6.4897	22.6216	1833.6047	2.8489
11:01:25	122.47	4.86	502.56	1054.94	429.79	74.40	1871.19	196.7949	210.0797	56.4273	6.5041	22.7165	1842.4107	2.8646
11:01:26	122.47	4.86	502.56	1042.73	429.79	74.64	1872.71	195.6731	208.8391	56.6535	6.5183	22.8109	1851.1366	2.8804
11:01:27	122.47	4.85	503.05	1059.83	433.46	74.40	1871.70	198.1538	209.3514	56.6535	6.5323	22.9055	1859.8839	2.8961
11:01:28	122.47	4.85	502.56	1082.27	442.00	74.40	1873.73	194.8718	207.9831	56.5404	6.5463	22.9995	1868.5740	2.9118
11:01:29	122.47	4.85	504.52	1080.59	451.77	74.64	1873.73	193.2691	206.2726	56.5404	6.5601	23.0927	1877.1926	2.9275
11:01:30	122.47	4.85	504.52	1102.56	479.85	74.64	1870.17	195.9936	209.1479	56.6535	6.5741	23.1874	1885.9103	2.9432
11:01:31	122.47	4.85	504.52	1090.35	477.41	74.64	1870.17	197.4359	210.6871	56.6535	6.5883	23.2826	1894.6922	2.9590
11:01:32	122.47	4.85	504.52	1078.14	468.86	74.64	1870.17	201.1218	214.6203	56.5404	6.6026	23.3800	1903.6380	2.9747
11:01:33	122.47	4.85	504.52	1084.71	463.98	74.64	1870.17	207.6923	221.6318	56.6535	6.6175	23.4805	1912.8761	2.9904
11:01:34	115.14	4.85	504.52	1057.39	461.54	74.64	1870.17	205.7692	219.5797	56.4273	6.6322	23.5802	1922.0286	3.0061
11:01:35	115.14	4.85	504.52	1065.93	455.43	74.64	1871.70	203.0449	216.6725	56.4273	6.6468	23.6785	1931.0599	3.0218
11:01:36	115.14	4.85	504.52	1087.91	463.52	74.88	1874.75	200.6410	214.1073	56.4273	6.6611	23.7756	1939.9844	3.0374
11:01:37	115.14	4.85	504.03	1133.09	489.62	74.88	1874.75	199.3590	212.7363	56.5404	6.6745	23.8721	1948.8517	3.0532
11:01:38	115.14	4.86	501.10	1137.97	478.63	74.88	1874.75	199.8795	213.0784	56.5404	6.6880	23.9688	1957.7332	3.0689
11:01:39	115.14	4.86	500.61	1134.31	489.62	74.64	1873.22	206.2500	220.0898	56.5404	6.7018	24.0687	1966.9070	3.0846
11:01:40	115.14	4.84	500.61	1147.74	492.06	74.88	1873.22	212.9807	227.2722	56.5404	6.7162	24.1717	1976.3801	3.1003
11:01:41	115.14	4.84	501.10	1131.87	532.36	75.13	1872.20	212.1795	226.4522	56.6535	6.7304	24.2738	1985.8420	3.1160
11:01:42	115.14	4.84	500.61	1135.53	551.89	74.88	1868.65	213.1410	227.4784	56.5404	6.7446	24.3762	1995.3466	3.1317
11:01:43	115.28	4.84	500.61	1128.20	544.57	75.37	1867.12	215.2243	229.6545	56.5404	6.7592	24.4796	2004.9114	3.1474
11:01:44	119.05	4.85	501.10	1103.79	492.06	74.88	1867.12	218.4295	233.0745	56.6535	6.7739	24.5846	2014.6186	3.1632
11:01:45	119.05	4.84	501.10	1067.16	468.86	75.37	1867.12	221.4743	236.3235	56.4273	6.7888	24.6910	2024.4611	3.1788
11:01:46	119.05	4.84	501.10	1046.40	450.55	75.13	1867.12	219.5513	234.2715	56.4273	6.8036	24.7965	2034.2181	3.1945
11:01:47	119.05	4.86	500.61	1012.21	446.69	75.13	1864.58	209.4551	223.5347	56.4273	6.8182	24.8972	2043.5505	3.2102
11:01:48	119.05	4.86	498.66	1004.88	434.68	75.13	1864.58	201.6026	215.1209	56.4273	6.8322	24.9941	2052.5100	3.2259
11:01:49	119.05	4.83	499.15	990.23	427.35	75.13	1863.05	196.4743	209.6488	56.3143	6.8459	25.0886	2061.2415	3.2415
11:01:50	119.05	4.83	498.66	987.79	418.80	75.13	1863.05	191.5064	204.3900	56.2012	6.8592	25.1806	2069.7815	3.2571
11:01:51	119.05	4.85	498.66	984.13	404.15	75.13	1862.04	188.9423	201.6534	56.3143	6.8723	25.2711	2078.2072	3.2727
11:01:52	119.05	4.85	498.66	989.01	396.83	75.13	1862.04	186.0577	198.5029	56.2012	6.8853	25.3602	2086.4545	3.2884
11:01:53	119.05	4.85	498.66	1003.66	417.58	75.13	1860.00	184.6154	196.9842	56.0881	6.8981	25.4485	2094.6379	3.3039
11:01:54	120.02	4.85	498.66	986.57	417.58	75.13	1862.04	182.2115	194.4397	56.0881	6.9108	25.5357	2102.7425	3.3195
11:01:55	120.02	4.85	498.66	993.90	405.37	74.88	1862.04	181.8910	194.0977	56.0881	6.9234	25.6228	2110.8329	3.3351
11:01:56	120.02	4.85	498.66	1019.54	404.15	74.88	1862.04	186.5385	199.0570	56.2012	6.9364	25.7120	2119.1300	3.3507
11:01:57	119.90	4.83	498.66	1035.41	417.58	74.88	1863.05	184.2949	196.6632	56.0881	6.9493	25.8002	2127.3273	3.3663
11:01:58	120.02	4.83	502.08	1078.14	470.09	74.88	1862.04	183.6538	195.9791	56.2012	6.9622	25.8881	2135.4962	3.3819
11:01:59	120.02	4.83	502.56	1075.70	485.98	74.88	1863.56	186.8590	199.3994	56.0881	6.9753	25.9775	2143.8075	3.3975
11:02:00	119.90	4.83	502.56	1120.88	523.81	75.13	1865.09	190.7051	203.4721	56.3143	6.9887	26.0688	2152.2682	3.4131
11:02:01	119.90	4.85	502.56	1115.99	501.83	74.88	1866.10	203.2051	216.8089	56.3143	7.0029	26.1667	2161.2833	3.4288
11:02:02	120.02	4.85	502.56	1131.87	478.63	74.88	1868.14	204.9679	218.6898	56.2012	7.0173	26.2655	2170.3767	3.4444
11:02:03	120.02	4.85	502.56	1109.89	457.88	74.88	1870.17	215.8654	230.3167	56.4273	7.0324	26.3696	2179.9536	3.4601
11:02:04	118.44	4.85	502.56	1085.47	446.89	74.64	1871.19	212.3397	226.6018	56.5404	7.0473	26.4720	2189.4064	3.4758
11:02:05	118.44	4.85	502.56	1092.80	470.09	74.88	1872.20	211.3782	225.5758	56.4273	7.0621	26.5740	2198.8165	3.4914
11:02:06	118.44	4.85	502.56	1111.11	492.06	74.88	1873.73	205.7692	219.5900	56.3143	7.0765	26.6732	2207.9768	3.5071
11:02:07	118.44	4.84	502.56	1115.99	506.72	74.88	1873.73	201.1218	214.6298	56.4273	7.0905	26.7702	2216.9302	3.5228
11:02:08	118.44	4.84	505.98	1112.33	504.27	75.13	1873.73	205.1282	218.9053	56.5404	7.1047	26.8692	2226.0620	3.5385
11:02:09	118.44	4.84	506.47	1120.88	490.84	74.64	1873.73	210.4166	224.5490	56.6535	7.1192	26.9707	2235.4292	3.5542
11:02:10	118.44	4.85	506.47	1107.45	488.40	74.88	1875.76	212.9808	227.2501	56.5404	7.1340	27.0734	2244.8862	3.5699
11:02:11	118.44	4.85	505.98	1122.10	473.75	74.88	1873.73	212.1795	226.3951	56.6535	7.1486	27.1764	2254.3076	3.5856
11:02:12	118.44	4.84	505.98	1105.01	463.52	74.88	1872.20	211.5384	225.7111	56.5404	7.1633	27.2792	2263.7005	3.6013
11:02:13	118.44	4.84	506.47	1105.01	472.53	75.13	1870.68	209.4551	223.5229	56.6535	7.1778	27.3810	2273.0249	3.6171

11:02:14	119.05	4.84	505.98	1078.14	470.09	74.88	1869.66	209.4551	223.5229	56.6535	7.1923	27.4827	2282.3493	3.6328
11:02:15	119.05	4.84	506.47	1057.39	465.20	75.13	1869.66	208.4936	222.4623	56.6535	7.2067	27.5840	2291.6071	3.6486
11:02:16	119.05	4.81	505.98	1030.52	457.88	75.13	1869.66	207.0513	220.9233	56.5404	7.2210	27.6846	2300.8007	3.6643
11:02:17	119.05	4.81	505.98	1037.85	465.20	75.13	1869.66	203.2051	216.8197	56.5404	7.2351	27.7833	2309.8237	3.6800
11:02:18	119.05	4.81	492.31	1043.96	484.74	75.13	1869.66	199.8397	213.2289	56.5404	7.2490	27.8804	2318.6972	3.6957
11:02:19	119.05	4.81	492.31	1081.81	521.37	75.37	1870.68	195.3524	208.3548	56.5404	7.2626	27.9752	2327.3118	3.7114
11:02:20	119.05	4.81	492.31	1112.33	516.48	75.13	1871.70	197.2756	210.4060	56.5404	7.2763	28.0709	2336.0113	3.7271
11:02:21	119.05	4.81	492.31	1107.45	506.72	75.13	1870.17	200.6410	213.9954	56.4273	7.2903	28.1657	2344.8592	3.7428
11:02:22	119.05	4.80	492.31	1097.68	492.06	75.37	1871.70	210.4167	224.4217	56.6535	7.3049	28.2650	2354.1382	3.7585
11:02:23	119.05	4.80	492.31	1095.24	516.48	75.37	1872.71	213.7820	228.0111	56.5404	7.3198	28.3660	2363.5658	3.7742
11:02:24	117.83	4.80	492.31	1111.11	493.28	75.37	1871.19	211.8590	225.9600	56.4273	7.3345	28.4660	2372.9081	3.7899
11:02:25	117.95	4.78	492.80	1124.54	478.63	75.13	1874.75	208.6538	222.5071	56.5404	7.3490	28.5646	2382.0855	3.8056
11:02:26	117.95	4.78	492.80	1173.38	565.32	75.37	1874.75	211.5384	225.5832	56.4273	7.3637	28.6644	2391.3898	3.8213
11:02:27	117.95	4.80	492.31	1180.71	551.89	75.61	1876.27	210.5769	224.5573	56.5404	7.3782	28.7639	2400.6518	3.8370
11:02:28	117.83	4.80	478.14	1194.14	516.48	75.61	1873.73	210.4166	224.3285	56.6535	7.3927	28.8633	2409.8866	3.8527
11:02:29	117.95	4.80	478.63	1179.49	479.85	75.37	1873.73	228.2051	243.2931	56.5404	7.4084	28.9711	2419.8605	3.8684
11:02:30	117.83	4.80	478.63	1142.86	483.52	75.61	1871.70	227.4038	242.5140	56.6535	7.4241	29.0785	2429.8712	3.8841
11:02:31	117.95	4.80	478.14	1095.24	460.32	75.37	1871.70	224.5192	239.4376	56.5404	7.4395	29.1814	2439.7549	3.8998
11:02:32	117.83	4.79	478.14	1102.56	446.89	75.61	1871.70	217.7884	232.2597	56.6535	7.4545	29.2814	2449.3424	3.9156
11:02:33	117.95	4.80	478.14	1097.68	424.91	75.37	1870.68	213.4615	227.6452	56.5404	7.4692	29.3794	2458.7393	3.9313
11:02:34	111.11	4.79	478.14	1068.38	416.36	75.61	1870.68	204.1667	217.7328	56.4273	7.4832	29.4730	2467.7271	3.9470
11:02:35	111.11	4.80	478.14	1019.54	437.12	75.37	1868.65	203.3654	216.8446	56.4273	7.4972	29.5663	2476.6564	3.9626
11:02:36	111.11	4.80	478.63	1001.22	444.44	75.37	1867.12	199.8397	213.1184	56.6535	7.5110	29.6579	2485.4537	3.9784
11:02:37	111.11	4.80	478.14	992.67	439.56	75.37	1867.12	194.8718	207.7855	56.4273	7.5236	29.7473	2494.0100	3.9940
11:02:38	111.11	4.80	488.40	1040.29	444.44	75.37	1868.65	191.1859	203.8975	56.4273	7.5360	29.8349	2502.4335	4.0097
11:02:39	111.11	4.81	487.91	1040.29	446.89	75.37	1868.65	189.7436	202.3593	56.4273	7.5483	29.9221	2510.7935	4.0254
11:02:40	111.11	4.81	487.91	1078.14	444.44	75.37	1868.65	187.9807	200.4792	56.5404	7.5605	30.0083	2519.0758	4.0411
11:02:41	111.11	4.81	487.91	1091.57	435.90	75.37	1870.68	194.8718	207.8284	56.4273	7.5732	30.0995	2527.6617	4.0568
11:02:42	111.11	4.81	488.40	1095.24	437.12	75.37	1870.68	195.1923	208.2025	56.5404	7.5859	30.1909	2536.2841	4.0725
11:02:43	111.11	4.81	487.91	1117.22	446.89	75.37	1871.70	199.8397	213.1597	56.5404	7.5988	30.2844	2545.1117	4.0882
11:02:44	105.13	4.81	488.40	1148.96	467.64	75.37	1872.71	200.4807	213.8435	56.5404	7.6118	30.3783	2553.9677	4.1039
11:02:45	105.13	4.81	488.40	1164.83	484.74	75.61	1874.24	201.1218	214.5272	56.5404	7.6249	30.4725	2562.8520	4.1196
11:02:46	105.13	4.81	488.40	1167.28	496.95	75.37	1874.24	205.2884	218.9716	56.6535	7.6382	30.5686	2571.9203	4.1353
11:02:47	105.13	4.81	488.40	1123.32	493.28	75.37	1823.90	212.1795	226.3195	56.6535	7.6512	30.6680	2581.2930	4.1511
11:02:48	105.13	4.83	499.15	981.68	456.65	75.61	1774.07	216.5064	230.9347	56.5404	7.6645	30.7694	2590.8568	4.1668
11:02:49	105.13	4.81	498.17	758.24	394.38	75.85	1693.22	218.4295	232.9860	56.7666	7.6779	30.8718	2600.5055	4.1825
11:02:50	105.13	4.81	498.66	636.14	343.10	75.61	1652.04	212.1795	226.3195	55.0704	7.6910	30.9712	2609.8781	4.1978
11:02:51	105.13	4.83	499.15	544.57	302.81	75.61	1605.76	188.7820	201.3940	54.3919	7.7025	31.0616	2618.2388	4.2130
11:02:52	105.13	4.83	498.66	443.22	262.52	75.61	1509.15	151.2820	161.3637	51.2256	7.7118	31.1339	2624.9214	4.2272
11:02:53	105.13	4.83	498.17	383.39	239.32	75.85	1461.87	128.5256	137.0908	49.7556	7.7197	31.1953	2630.5988	4.2410
11:02:54	112.70	4.83	498.66	318.68	207.57	75.61	1376.44	111.2179	118.6481	48.3986	7.7266	31.2486	2635.5244	4.2544
11:02:55	112.70	4.83	498.66	288.16	191.70	75.61	1328.14	92.6282	98.8164	45.4585	7.7322	31.2929	2639.6286	4.2671
11:02:56	112.70	4.83	498.66	266.18	172.16	75.61	1245.76	81.7308	87.1909	43.9885	7.7373	31.3320	2643.2463	4.2793
11:02:57	112.70	4.83	498.66	240.54	159.95	75.61	1185.26	69.0705	73.6859	41.5007	7.7418	31.3650	2646.3053	4.2908
11:02:58	112.70	4.83	488.40	222.22	146.52	75.85	1133.90	62.9807	67.1892	40.0306	7.7460	31.3952	2649.0946	4.3019
11:02:59	112.70	4.83	488.40	208.79	133.09	75.61	1083.05	57.5320	61.3764	37.5428	7.7497	31.4227	2651.6426	4.3124
11:03:00	112.70	4.83	488.89	190.48	116.00	75.61	1008.31	52.5641	56.0765	35.7336	7.7532	31.4478	2653.9706	4.3223
11:03:01	112.70	4.81	488.40	177.05	105.01	75.85	971.70	48.3974	51.6314	34.0373	7.7564	31.4705	2656.1140	4.3318
11:03:02	112.70	4.81	487.91	158.73	95.24	75.61	996.61	44.8718	47.8702	32.6804	7.7593	31.4915	2658.1013	4.3408
11:03:03	112.70	4.81	488.40	152.63	91.58	75.37	982.88	40.2243	42.9122	30.4188	7.7620	31.5104	2659.8827	4.3493
11:03:04	113.19	4.80	488.40	145.30	89.13	75.85	915.76	37.0192	39.4847	28.9487	7.7644	31.5277	2661.5166	4.3573
11:03:05	113.19	4.81	488.40	139.19	86.69	75.85	816.10	33.3333	35.5534	30.0795	7.7666	31.5434	2662.9878	4.3657
11:03:06	113.06	4.79	487.91	129.43	83.03	75.85	755.09	32.0513	34.1859	29.7403	7.7687	31.5584	2664.4024	4.3739
11:03:07	113.19	4.79	488.40	116.00	76.92	75.85	717.46	30.7692	32.8134	27.4787	7.7708	31.5728	2665.7569	4.3816
11:03:08	113.19	4.79	480.59	109.89	75.70	75.61	764.24	29.6474	31.6220	24.6516	7.7727	31.5867	2667.0654	4.3884
11:03:09	113.06	4.79	480.10	111.11	78.14	76.10	731.19	27.8846	29.7341	22.7292	7.7746	31.5997	2668.2908	4.3947
11:03:10	113.19	4.79	480.59	114.77	76.92	75.85	678.81	25.3205	26.9999	20.3545	7.7762	31.6116	2669.4035	4.4004
11:03:11	113.19	4.79	480.59	114.77	76.92	75.61	678.81	24.3590	25.9746	18.4322	7.7778	31.6228	2670.4740	4.4055
11:03:12	113.19	4.78	480.59	111.11	72.04	75.61	745.93	24.8397	26.4873	15.9444	7.7795	31.6342	2671.5656	4.4099
11:03:13	113.19	4.75	480.59	103.79	67.16	75.85	745.93	25.1603	26.8291	14.7005	7.7811	31.6458	2672.6713	4.4140
11:03:14	105.62	4.72	480.59	102.56	64.71	75.85	740.34	25.1603	26.8291	14.7005	7.7828	31.6574	2673.7769	4.4181
11:03:15	105.62	4.67	480.10	100.12	63.49	75.85	707.29	24.0385	25.6276	13.9089	7.7844	31.6685	2674.8296	4.4220
11:03:16	105.62	4.62	480.59	98.90	63.49	75.85	702.20	22.4359	23.9104	14.1351	7.7859	31.6788	2675.8062	4.4259
11:03:17	105.62	4.55	480.59	98.90	63.49	75.85	702.20	21.9551	23.3905	12.4389	7.7872	31.6889	2676.7568	4.4293
11:03:18	105.62	4.47	480.59	97.68	63.49	75.85	698.64	21.4744	22.8605	8.2549	7.7886	31.6988	2677.6744	4.4316
11:03:19	105.62	4.35	328.21	98.90	62.27	75.85	687.46	21.3141	22.6771	6.8979	7.7899	31.7086	2678.5762	4.4336
11:03:20	105.62	4.26	327.72	97.68	63.49	75.85	681.36	21.3141	22.6548	4.1840	7.7912	31.7184	2679.4626	4.4347
11:03:21	105.62	4.15	328.21	97.68	63.49	75.85	683.90	21.1538	22.4612	3.2793	7.7925	31.7281	2680.3264	4.4356
11:03:22	105.62	4.05	328.21	97.68	61.05	75.61	681.36	21.1538	22.4264	2.2616	7.7938	31.7347	2681.1663	4.4363
11:03:23	105.62	3.89	328.21	97.68	58.61	75.61	684.41	21.1538	22.3985	1.2439	7.7951	31.7413	2681.9871	4.4366
11:03:24	93.16	3.80	328.21	97.68	57.39	75.85	681.86	21.1538	22.3661	1.3570	7.7964	31.7479	2682.7856	4.4370
11:03:25	93.16	3.65	328.21	97.68	57.39	75.61	681.86	20.8333	21.9976	1.0177	7.7976	31.7544	2683.5518	4.4373

11:03:26	93.16	3.56	327.72	96.46	56.17	75.61	683.90	20.5128	21.6121	0.1131	7.7989	31.7608	2684.2741	4.4373
11:03:27	93.16	3.37	327.72	95.24	56.17	75.61	681.86	20.3526	21.4183	0.1131	7.8000	31.7671	2684.9740	4.4373
11:03:28	93.16	3.25	327.72	95.24	54.95	75.61	683.39	20.3526	21.3761	0.1131	7.8011	31.7734	2685.6453	4.4374
11:03:29	93.16	3.14	177.78	96.46	57.39	75.61	679.83	20.0321	21.0133	0.1131	7.8021	31.7796	2686.2883	4.4374
11:03:30	93.16	3.03	177.78	98.90	64.71	75.61	679.83	19.8718	20.7933	0.1131	7.8032	31.7858	2686.8910	4.4374
								19.7115	20.5935	0.1131	7.8042	31.7918	2687.4672	4.4375
								20.1923	21.0651	0.1131	7.8053	31.7952	2688.0368	4.4375
								21.4744	22.3699	0.0000	7.8065	31.7988	2688.6205	4.4375

10-MAY-94 11:15 LACMTA Emissions Testing Facility

Test : RTD MODIFIED COMMUTER PHASE OF ADB CYCLE
Test number : 1064
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	6.5	4.7	14.0	0.13	0.005	0.007	0.04	3.32	48.35	76.71	23.30	0.0	0.000	0.0	1.18	3.35	192.9	0.0	0.0	0.0
1 DL	6.5	4.7	13.9	0.13	0.005	0.007	0.04	3.36	48.37	76.13	23.24	0.0	0.000	0.0	1.20	3.44	192.9	0.0	0.0	0.0
2 DL	6.5	4.7	13.9	0.14	0.005	0.008	0.04	3.38	48.35	75.66	23.20	0.0	0.000	0.0	1.21	3.36	192.9	0.0	0.0	0.0
3 DL	6.5	4.8	13.9	0.14	0.005	0.008	0.04	3.41	48.35	75.18	23.15	0.0	0.000	0.0	1.22	3.33	192.8	0.0	0.0	0.0
4 DL	6.4	4.8	13.9	0.14	0.005	0.008	0.04	3.43	48.36	74.89	23.13	0.0	0.000	0.0	1.22	3.36	192.8	0.0	0.0	0.0
5 DL	6.4	4.7	14.0	0.14	0.005	0.008	0.04	3.44	48.35	74.69	23.11	0.0	0.000	0.0	1.23	3.33	192.7	0.0	0.0	0.0
6 DL	6.4	4.6	14.1	0.14	0.005	0.007	0.04	3.46	48.35	74.40	23.08	0.0	0.000	0.0	1.23	3.33	192.7	0.0	0.0	0.0
7 DL	6.4	4.7	14.1	0.14	0.005	0.007	0.04	3.48	48.35	74.04	23.05	0.0	0.000	0.0	1.24	3.26	192.8	0.0	0.0	0.0
8 DL	6.4	4.7	14.0	0.14	0.005	0.007	0.04	3.49	48.35	73.85	23.03	0.0	0.000	0.0	1.24	3.11	192.8	0.0	0.0	0.0
9 DL	6.3	4.6	14.0	0.14	0.005	0.007	0.04	3.50	48.36	73.72	23.02	0.0	0.000	0.0	1.25	3.12	192.8	0.0	0.0	0.0
10 DL	6.3	4.6	13.9	0.14	0.005	0.007	0.04	3.50	48.35	73.71	23.02	0.0	0.000	0.0	1.25	3.11	192.9	0.0	0.0	0.0
11 DL	6.3	4.7	14.0	0.14	0.005	0.007	0.04	3.50	48.35	73.82	23.03	0.0	0.000	0.0	1.25	3.23	192.9	0.0	0.0	0.0
12 DL	6.3	4.6	14.1	0.14	0.005	0.007	0.04	3.50	48.35	73.77	23.02	0.0	0.000	0.0	1.25	3.19	192.9	0.0	0.0	0.0
13 DL	6.3	4.6	14.1	0.14	0.005	0.007	0.04	3.51	48.35	73.62	23.01	0.0	0.000	0.0	1.25	3.21	192.9	0.0	0.0	0.0
14 DL	6.3	4.6	14.1	0.14	0.005	0.007	0.04	3.52	48.36	73.47	23.00	0.0	0.000	0.0	1.25	3.19	192.9	0.0	0.0	0.0
15 DL	6.3	4.5	14.2	0.14	0.005	0.007	0.04	3.52	48.36	73.44	22.99	0.0	0.000	0.0	1.25	3.17	193.0	0.0	0.0	0.0
16 DL	6.3	4.5	14.2	0.14	0.005	0.007	0.04	3.52	48.35	73.41	22.99	0.0	0.000	0.0	1.25	3.21	192.9	0.0	0.0	0.0
17 DL	6.3	4.6	14.2	0.14	0.005	0.007	0.04	3.52	48.35	73.41	22.99	0.0	0.000	0.0	1.25	3.22	192.9	0.0	0.0	0.0
18 DL	6.3	4.6	14.2	0.14	0.005	0.007	0.04	3.52	48.35	73.42	22.99	0.0	0.000	0.0	1.25	3.21	192.9	0.0	0.0	0.0
19 DL	6.3	4.6	14.2	0.14	0.005	0.007	0.04	3.52	48.35	73.47	23.00	0.0	0.000	0.0	1.25	3.14	192.9	0.0	0.0	0.0
20 DL	6.3	4.8	14.7	0.14	0.005	0.008	0.04	3.52	48.36	73.42	22.99	0.0	0.000	0.0	1.25	3.09	193.0	0.0	0.0	0.0
21 DL	6.4	5.4	16.1	0.14	0.005	0.009	0.04	3.57	48.34	72.54	22.91	0.0	0.000	0.4	0.24	3.17	192.9	0.0	0.0	0.0
22 DL	6.7	6.9	19.1	0.15	0.005	0.011	0.05	3.77	48.35	69.58	22.64	0.0	0.001	3.1	2.26	3.27	193.0	0.0	0.0	0.0
23 DL	7.2	8.9	23.9	0.17	0.006	0.014	0.06	4.17	48.35	64.20	22.17	0.0	0.001	3.9	2.59	5.08	193.0	0.0	0.0	0.0
24 DL	7.6	10.6	28.3	0.19	0.006	0.017	0.07	4.78	48.35	57.51	21.62	0.0	0.001	4.9	2.84	6.44	193.0	0.0	0.0	0.0
25 DL	8.1	14.0	32.4	0.22	0.006	0.022	0.08	5.43	48.35	51.63	21.15	0.0	0.002	5.8	2.98	6.12	193.0	0.0	0.0	0.0
26 DL	9.0	27.6	38.8	0.25	0.007	0.044	0.10	6.26	48.35	45.66	20.69	0.0	0.002	6.7	2.98	7.26	193.0	0.0	0.0	0.0
27 DL	11.2	58.5	48.6	0.30	0.009	0.093	0.13	7.61	48.35	38.31	20.15	0.0	0.002	8.4	3.00	8.74	193.0	0.0	0.0	0.0
28 DL	14.1	101.2	63.3	0.39	0.011	0.161	0.17	9.77	48.35	30.49	19.60	0.0	0.003	10.1	2.80	15.11	193.0	0.0	0.0	0.0
29 DL	17.2	137.1	100.4	0.51	0.014	0.218	0.26	12.78	48.35	23.83	19.17	0.0	0.003	11.9	2.53	18.77	193.0	0.0	0.0	0.0
30 DL	19.8	148.0	155.7	0.67	0.016	0.236	0.41	16.80	48.35	18.53	18.85	0.0	0.004	15.0	2.44	21.79	193.1	0.0	0.0	0.0
31 DL	20.9	134.1	155.2	1.45	0.017	0.214	0.41	36.37	48.33	12.90	18.29	0.0	0.005	17.2	1.32	18.29	193.2	0.0	0.0	0.0
32 DL	21.6	115.5	135.8	3.74	0.017	0.184	0.36	93.65	48.31	3.56	18.00	0.0	0.005	18.6	0.56	11.37	193.3	0.0	0.0	0.0
33 DL	21.2	103.0	119.7	2.80	0.017	0.164	0.31	70.10	48.29	4.74	18.06	0.0	0.005	19.6	0.79	6.92	193.3	0.0	0.0	0.0
34 DL	20.7	95.2	103.8	2.15	0.016	0.152	0.27	53.86	48.29	6.12	18.14	0.0	0.006	20.6	1.07	5.58	193.5	0.0	0.0	0.0
35 DL	19.6	92.5	92.5	1.71	0.015	0.147	0.24	42.81	48.27	7.65	18.22	0.0	0.006	22.4	1.47	5.50	193.5	0.0	0.0	0.0
36 DL	18.2	99.2	63.6	1.39	0.014	0.158	0.17	34.66	48.27	9.37	18.32	0.0	0.006	22.6	1.82	5.21	193.5	0.0	0.0	0.0
37 DL	16.9	114.0	53.0	1.15	0.013	0.181	0.14	28.78	48.27	11.18	18.42	0.0	0.006	23.2	2.25	7.15	193.5	0.0	0.0	0.0
38 DL	15.9	132.0	67.0	0.99	0.012	0.210	0.18	24.86	48.28	12.82	18.52	0.0	0.007	23.9	2.68	12.93	193.5	0.0	0.0	0.0
39 DL	15.0	152.3	71.8	0.90	0.012	0.242	0.19	22.42	48.29	14.09	18.59	0.0	0.007	24.6	3.04	19.34	193.7	0.0	0.0	0.0
40 DL	14.3	177.0	75.4	0.37	0.011	0.282	0.20	9.33	48.29	37.41	19.62	0.0	0.007	25.4	7.32	23.13	193.8	0.0	0.0	0.0
41 DL	14.0	208.0	81.0	0.36	0.011	0.331	0.21	9.10	48.29	31.78	19.64	0.0	0.007	26.3	7.68	24.51	194.0	0.0	0.0	0.0
42 DL	13.9	246.7	99.1	0.50	0.011	0.393	0.26	12.56	48.29	23.72	19.14	0.0	0.008	27.3	5.84	24.27	194.1	0.0	0.0	0.0
43 DL	14.8	******	130.8	0.64	0.012	29.825	0.34	16.11	48.29	7.67	17.09	0.0	0.008	28.7	1.28	20.57	194.2	0.0	0.0	0.0
44 DL	15.4	******	166.2	0.79	0.012	18.204	0.43	19.76	48.30	6.96	17.40	0.0	0.008	30.2	1.76	16.13	194.2	0.0	0.0	0.0
45 DL	17.0	4312.5	204.8	3.44	0.013	6.863	0.54	86.11	48.28	4.16	17.85	0.0	0.009	31.8	0.93	14.08	194.3	0.0	0.0	0.0

46	DL	18.2	2041.1	228.3	3.39	0.014	3.248	0.60	84.83	48.28	3.72	17.94	0.0	0.009	33.2	1.04	11.39	194.4	0.0	0.0	0.0
47	DL	19.2	1163.9	238.3	2.69	0.015	1.852	0.62	67.38	48.28	4.73	18.01	0.0	0.010	34.5	1.38	9.18	194.5	0.0	0.0	0.0
48	DL	20.0	757.1	226.9	2.26	0.016	1.204	0.59	56.57	48.26	5.66	18.08	0.0	0.010	35.7	1.72	7.84	194.7	0.0	0.0	0.0
49	DL	20.2	556.7	204.1	1.96	0.016	0.885	0.53	49.00	48.25	6.54	18.13	0.0	0.010	36.9	2.06	7.38	194.8	0.0	0.0	0.0
50	DL	19.9	472.0	187.6	1.72	0.016	0.751	0.49	43.07	48.25	7.42	18.19	0.0	0.010	37.6	2.40	8.01	194.9	0.0	0.0	0.0
51	DL	19.3	436.8	180.3	1.56	0.015	0.695	0.47	39.11	48.25	8.14	18.23	0.0	0.011	38.5	2.70	9.22	195.1	0.0	0.0	0.0
52	DL	18.9	412.6	184.7	1.48	0.015	0.656	0.48	36.90	48.26	8.62	18.25	0.0	0.011	39.4	2.93	9.86	195.1	0.0	0.0	0.0
53	DL	18.6	381.0	191.8	1.43	0.015	0.606	0.50	35.64	48.26	8.92	18.27	0.0	0.011	40.3	3.11	8.98	195.1	0.0	0.0	0.0
54	DL	18.4	335.9	189.0	1.39	0.015	0.534	0.49	34.79	48.25	9.15	18.29	0.0	0.011	41.2	3.26	7.50	195.2	0.0	0.0	0.0
55	DL	18.3	281.0	167.2	1.35	0.014	0.447	0.44	33.77	48.25	9.45	18.31	0.0	0.012	41.8	3.43	6.12	195.3	0.0	0.0	0.0
56	DL	18.2	233.8	137.6	1.28	0.014	0.372	0.36	31.98	48.25	9.99	18.34	0.0	0.012	42.1	3.65	4.88	195.4	0.0	0.0	0.0
57	DL	18.2	203.5	120.0	1.19	0.014	0.324	0.31	29.73	48.24	10.73	18.39	0.0	0.012	42.4	3.96	4.46	195.5	0.0	0.0	0.0
58	DL	18.2	184.8	112.2	1.11	0.014	0.294	0.29	27.81	48.26	11.45	18.43	0.0	0.012	42.7	4.27	5.05	195.7	0.0	0.0	0.0
59	DL	18.2	171.4	109.0	1.05	0.014	0.273	0.29	26.37	48.26	12.06	18.47	0.0	0.012	43.1	4.54	5.71	195.8	0.0	0.0	0.0
60	DL	18.2	161.0	109.0	1.01	0.014	0.256	0.28	25.28	48.25	12.56	18.50	0.0	0.012	43.4	4.77	5.99	195.9	0.0	0.0	0.0
61	DL	18.2	155.1	111.1	0.98	0.014	0.247	0.29	24.47	48.25	12.96	18.52	0.0	0.012	43.8	4.97	5.74	196.0	0.0	0.0	0.0
62	DL	18.3	153.1	116.5	0.96	0.014	0.243	0.30	24.00	48.25	13.20	18.54	0.0	0.012	44.2	5.11	5.80	196.0	0.0	0.0	0.0
63	DL	18.4	152.3	124.2	0.96	0.015	0.242	0.32	23.94	48.25	13.23	18.54	0.0	0.012	44.7	5.18	5.83	196.2	0.0	0.0	0.0
64	DL	18.7	151.0	131.8	0.97	0.015	0.240	0.34	24.18	48.26	13.11	18.53	0.0	0.013	45.1	5.19	5.60	196.2	0.0	0.0	0.0
65	DL	19.0	148.1	140.5	0.98	0.015	0.236	0.37	24.61	48.26	12.90	18.52	0.0	0.013	45.6	5.15	5.55	196.2	0.0	0.0	0.0
66	DL	19.4	143.6	147.0	1.01	0.015	0.228	0.38	25.20	48.25	12.62	18.50	0.0	0.013	46.1	5.09	5.41	196.3	0.0	0.0	0.0
67	DL	19.8	137.4	150.1	1.03	0.016	0.219	0.39	25.79	48.25	12.35	18.49	0.0	0.013	46.7	5.04	5.11	196.2	0.0	0.0	0.0
68	DL	20.1	127.2	145.9	1.05	0.016	0.202	0.38	26.24	48.25	12.15	18.48	0.0	0.013	47.2	5.01	5.04	196.3	0.0	0.0	0.0
69	DL	20.3	114.1	129.5	1.05	0.016	0.181	0.34	26.32	48.24	12.13	18.48	0.0	0.013	47.4	5.03	4.60	196.5	0.0	0.0	0.0
70	DL	20.6	107.0	124.0	1.03	0.016	0.170	0.32	25.85	48.23	12.35	18.49	0.0	0.013	47.6	5.14	3.97	196.5	0.0	0.0	0.0
71	DL	21.0	105.0	135.1	1.02	0.017	0.167	0.35	25.47	48.25	12.53	18.50	0.0	0.013	48.1	5.28	4.40	196.6	0.0	0.0	0.0
72	DL	21.3	99.1	134.8	1.03	0.017	0.158	0.35	25.67	48.24	12.44	18.50	0.0	0.013	48.6	5.29	4.95	196.7	0.0	0.0	0.0
73	DL	21.3	88.3	117.3	1.03	0.017	0.140	0.31	25.73	48.23	12.42	18.50	0.0	0.014	48.8	5.30	4.54	196.7	0.0	0.0	0.0
74	DL	21.4	51.7	103.7	1.00	0.017	0.082	0.27	25.10	48.23	12.76	18.52	0.0	0.014	48.9	5.47	3.65	196.8	0.0	0.0	0.0
75	DL	21.7	10.7	99.6	0.97	0.017	0.017	0.26	24.19	48.23	13.28	18.56	0.0	0.014	49.0	5.71	3.64	197.0	0.0	0.0	0.0
76	DL	22.0	26.0	102.5	0.94	0.017	0.041	0.27	23.47	48.23	13.64	18.58	0.0	0.014	49.2	5.90	3.83	197.1	0.0	0.0	0.0
77	DL	22.4	39.4	109.5	0.93	0.018	0.063	0.29	23.18	48.23	13.78	18.59	0.0	0.014	49.6	6.01	4.28	197.3	0.0	0.0	0.0
78	DL	22.6	44.9	107.2	0.93	0.018	0.071	0.28	23.29	48.23	13.72	18.58	0.0	0.014	50.0	6.02	4.80	197.5	0.0	0.0	0.0
79	DL	22.5	43.9	91.9	0.93	0.018	0.070	0.24	23.17	48.23	13.78	18.59	0.0	0.014	49.9	6.05	4.37	197.6	0.0	0.0	0.0
80	DL	22.5	46.1	41.5	0.89	0.018	0.073	0.11	22.34	48.22	14.26	18.61	0.0	0.014	49.8	6.26	3.18	197.7	0.0	0.0	0.0
81	DL	23.0	55.1	79.4	0.62	0.018	0.088	0.21	15.44	48.23	27.05	18.97	0.0	0.014	50.2	9.07	3.17	197.9	0.0	0.0	0.0
82	DL	23.3	60.0	123.9	0.35	0.018	0.095	0.32	8.63	48.23	34.71	19.86	0.0	0.014	50.7	16.21	5.07	198.1	0.0	0.0	0.0
83	DL	23.3	57.4	80.1	0.52	0.018	0.091	0.21	13.02	48.23	23.69	19.18	0.0	0.014	50.8	10.88	4.96	198.2	0.0	0.0	0.0
84	DL	23.5	58.1	45.9	0.61	0.019	0.092	0.12	15.33	48.21	20.28	18.97	0.0	0.014	50.2	9.14	3.27	198.4	0.0	0.0	0.0
85	DL	24.1	64.4	74.7	0.66	0.019	0.102	0.20	16.48	48.22	18.94	18.89	0.0	0.014	50.7	8.58	3.56	198.5	0.0	0.0	0.0
86	DL	24.5	66.0	110.0	0.73	0.019	0.105	0.29	18.16	48.23	17.31	18.79	0.0	0.014	51.1	7.86	5.71	198.7	0.0	0.0	0.0
87	DL	24.5	61.1	105.4	0.80	0.019	0.097	0.28	19.87	48.22	15.91	18.71	0.0	0.014	51.3	7.22	4.90	198.9	0.0	0.0	0.0
88	DL	24.4	53.3	91.0	0.83	0.019	0.085	0.24	20.83	48.22	15.23	18.67	0.0	0.014	51.4	6.91	3.98	199.1	0.0	0.0	0.0
89	DL	24.3	46.7	38.6	0.83	0.019	0.074	0.10	20.82	48.22	15.24	18.67	0.0	0.014	51.2	6.90	3.19	199.3	0.0	0.0	0.0
90	DL	24.6	44.9	66.7	0.81	0.019	0.071	0.17	20.28	48.21	15.63	18.69	0.0	0.014	51.3	7.09	2.60	199.5	0.0	0.0	0.0
91	DL	25.1	46.2	84.1	0.81	0.020	0.073	0.22	20.22	48.22	15.67	18.70	0.0	0.014	51.5	7.15	3.37	199.7	0.0	0.0	0.0
92	DL	25.2	45.4	105.6	0.83	0.020	0.072	0.28	20.79	48.21	15.26	18.67	0.0	0.014	51.8	6.99	4.23	199.9	0.0	0.0	0.0
93	DL	25.0	41.4	90.5	0.85	0.020	0.066	0.24	21.26	48.22	14.95	18.66	0.0	0.014	51.8	6.85	3.86	200.0	0.0	0.0	0.0
94	DL	24.9	37.5	42.5	0.84	0.020	0.060	0.11	21.07	48.22	15.09	18.66	0.0	0.014	51.8	6.90	2.98	200.2	0.0	0.0	0.0
95	DL	25.1	36.6	70.6	0.83	0.020	0.058	0.18	20.64	48.22	15.38	18.68	0.0	0.014	51.9	7.05	2.66	200.4	0.0	0.0	0.0
96	DL	25.4	38.6	85.1	0.82	0.020	0.061	0.22	20.59	48.22	15.42	18.68	0.0	0.014	52.1	7.09	3.07	200.6	0.0	0.0	0.0
97	DL	25.8	41.0	112.7	0.84	0.020	0.065	0.29	21.04	48.22	15.10	18.66	0.0	0.015	52.3	6.97	3.84	200.8	0.0	0.0	0.0
98	DL	26.5	41.0	105.9	2.60	0.021	0.065	0.28	65.08	48.22	8.03	18.08	0.0	0.015	52.6	2.28	4.04	200.9	0.0	0.0	0.0
99	DL	26.5	37.6	93.6	3.08	0.021	0.060	0.24	76.96	48.21	4.33	18.04	0.0	0.015	52.6	1.93	3.96	201.1	0.0	0.0	0.0
100	DL	26.1	33.3	39.2	2.25	0.021	0.053	0.10	56.22	48.22	5.89	18.13	0.0	0.015	52.4	2.63	3.09	201.3	0.0	0.0	0.0
101	DL	26.0	30.5	63.2	1.72	0.020	0.049	0.16	43.06	48.21	7.63	18.23	0.0	0.015	52.4	3.43	2.61	201.5	0.0	0.0	0.0
102	DL	26.2	30.5	74.1	1.39	0.021	0.049	0.19	34.81	48.21	9.36	18.33	0.0	0.015	52.5	4.25	2.58	201.7	0.0	0.0	0.0
103	DL	26.5	33.1	83.8	1.20	0.021	0.053	0.22	29.87	48.21	10.83	18.41	0.0	0.015	52.6	4.96	2.87	201.9	0.0	0.0	0.0
104	DL	26.9	36.7	110.3	1.09	0.021	0.058	0.29	27.21	48.22	11.83	18.47	0.0	0.015	52.9	5.46	3.48	202.1	0.0	0.0	0.0

105	DL	27.1	39.2	114.5	1.04	0.021	0.062	0.30	26.01	48.22	12.34	18.50	0.0	0.015	53.1	5.74	3.90	202.1	0.0	0.0	0.0
106	DL	27.1	38.7	111.4	1.02	0.021	0.061	0.29	25.58	48.21	12.54	18.51	0.0	0.015	53.4	5.86	4.06	202.3	0.0	0.0	0.0
107	DL	27.0	36.7	103.7	1.01	0.021	0.058	0.27	25.14	48.20	12.75	18.53	0.0	0.015	53.4	5.97	3.71	202.4	0.0	0.0	0.0
108	DL	27.1	35.1	100.0	0.98	0.021	0.056	0.26	24.47	48.20	13.08	18.55	0.0	0.015	53.5	6.15	3.35	202.5	0.0	0.0	0.0
109	DL	27.1	33.5	97.9	0.95	0.021	0.053	0.26	23.84	48.19	13.41	18.56	0.0	0.015	53.7	6.32	3.25	202.6	0.0	0.0	0.0
110	DL	27.1	31.2	93.5	0.93	0.021	0.050	0.24	23.33	48.20	13.70	18.58	0.0	0.015	53.7	6.47	3.25	202.8	0.0	0.0	0.0
111	DL	27.1	29.2	89.5	0.91	0.021	0.046	0.23	22.73	48.20	14.04	18.60	0.0	0.015	53.7	6.64	2.98	202.8	0.0	0.0	0.0
112	DL	27.2	28.0	64.1	0.89	0.021	0.044	0.17	22.14	48.18	14.40	18.62	0.0	0.015	53.7	6.83	2.83	202.8	0.0	0.0	0.0
113	DL	27.3	27.8	58.7	0.87	0.021	0.044	0.15	21.66	48.20	14.70	18.64	0.0	0.015	53.8	6.98	2.79	202.9	0.0	0.0	0.0
114	DL	27.3	29.1	79.5	0.27	0.022	0.046	0.21	6.83	48.19	42.33	20.42	0.0	0.015	53.9	21.86	2.86	202.9	0.0	0.0	0.0
115	DL	27.7	31.3	103.6	0.43	0.022	0.050	0.27	10.69	48.20	28.56	19.49	0.0	0.015	54.1	14.11	3.24	203.0	0.0	0.0	0.0
116	DL	28.0	32.3	108.0	0.58	0.022	0.051	0.28	14.42	48.20	21.60	19.06	0.0	0.015	54.3	10.54	3.68	203.0	0.0	0.0	0.0
117	DL	28.0	31.0	98.4	0.69	0.022	0.049	0.26	17.28	48.19	18.20	18.85	0.0	0.015	54.5	8.84	3.90	203.1	0.0	0.0	0.0
118	DL	27.8	28.8	75.4	0.76	0.022	0.046	0.20	18.93	48.18	16.70	18.76	0.0	0.015	54.4	8.07	3.45	203.2	0.0	0.0	0.0
119	DL	27.7	27.2	49.7	0.78	0.022	0.043	0.13	19.56	48.17	16.18	18.73	0.0	0.015	54.3	7.80	2.87	203.3	0.0	0.0	0.0
120	DL	27.8	26.9	72.9	0.80	0.022	0.043	0.19	19.85	48.18	15.96	18.72	0.0	0.015	54.4	7.70	2.82	203.4	0.0	0.0	0.0
121	DL	28.0	28.0	84.2	0.81	0.022	0.044	0.22	20.20	48.19	15.70	18.70	0.0	0.015	54.5	7.58	2.93	203.5	0.0	0.0	0.0
122	DL	28.3	29.7	108.9	0.83	0.022	0.047	0.28	20.81	48.19	15.27	18.68	0.0	0.015	54.7	7.38	3.34	203.6	0.0	0.0	0.0
123	DL	28.9	30.3	107.0	2.06	0.023	0.048	0.28	51.40	48.19	10.25	18.16	0.0	0.015	55.0	3.02	3.88	203.8	0.0	0.0	0.0
124	DL	29.1	28.7	94.5	3.33	0.023	0.046	0.25	83.18	48.18	4.01	18.02	0.0	0.015	55.1	1.87	4.02	203.9	0.0	0.0	0.0
125	DL	28.6	26.6	38.6	2.42	0.023	0.042	0.10	60.46	48.17	5.48	18.11	0.0	0.015	54.9	2.56	3.44	204.1	0.0	0.0	0.0
126	DL	28.6	26.4	64.3	1.84	0.022	0.042	0.17	46.03	48.17	7.14	18.20	0.0	0.015	54.7	3.35	2.80	204.3	0.0	0.0	0.0
127	DL	28.9	27.8	80.2	1.49	0.023	0.044	0.21	37.22	48.19	8.76	18.29	0.0	0.015	55.0	4.16	3.01	204.5	0.0	0.0	0.0
128	DL	29.0	28.0	88.2	1.30	0.023	0.044	0.23	32.35	48.19	10.02	18.37	0.0	0.015	55.2	4.80	3.77	204.6	0.0	0.0	0.0
129	DL	28.9	26.4	79.4	1.16	0.023	0.042	0.21	29.07	48.18	11.11	18.43	0.0	0.015	55.1	5.33	3.96	204.8	0.0	0.0	0.0
130	DL	29.1	25.0	70.5	1.04	0.023	0.040	0.18	25.91	48.17	12.40	18.51	0.0	0.015	54.6	5.93	3.04	205.0	0.0	0.0	0.0
131	DL	29.4	24.3	72.1	0.94	0.023	0.039	0.19	23.48	48.18	13.62	18.58	0.0	0.015	54.9	6.57	2.85	205.1	0.0	0.0	0.0
132	DL	29.5	24.1	77.4	0.89	0.023	0.038	0.20	22.20	48.18	14.36	18.62	0.0	0.015	54.9	6.95	2.95	205.3	0.0	0.0	0.0
133	DL	29.5	24.1	82.5	0.87	0.023	0.038	0.22	21.62	48.19	14.73	18.64	0.0	0.015	55.0	7.14	2.99	205.5	0.0	0.0	0.0
134	DL	29.2	23.7	85.3	0.27	0.023	0.038	0.22	6.83	48.18	42.36	20.43	0.0	0.015	55.1	22.35	3.12	205.6	0.0	0.0	0.0
135	DL	29.0	22.9	83.6	0.42	0.023	0.036	0.22	10.42	48.18	29.19	19.54	0.0	0.015	55.0	14.76	3.10	205.8	0.0	0.0	0.0
136	DL	28.9	21.9	77.9	0.53	0.023	0.035	0.20	13.28	48.19	23.28	19.17	0.0	0.015	55.0	11.59	2.87	205.9	0.0	0.0	0.0
137	DL	28.9	21.1	72.7	0.60	0.023	0.033	0.19	14.92	48.18	20.87	19.02	0.0	0.015	54.8	10.30	2.63	206.1	0.0	0.0	0.0
138	DL	29.1	20.8	71.6	0.64	0.023	0.033	0.19	15.88	48.18	19.69	18.95	0.0	0.015	54.8	9.68	2.56	206.3	0.0	0.0	0.0
139	DL	29.3	21.3	74.7	0.67	0.023	0.034	0.20	16.68	48.19	18.81	18.89	0.0	0.015	54.8	9.22	2.64	206.5	0.0	0.0	0.0
140	DL	29.4	22.2	80.1	0.70	0.023	0.035	0.21	17.54	48.19	17.95	18.84	0.0	0.015	54.8	8.78	2.76	206.7	0.0	0.0	0.0
141	DL	29.4	23.1	85.7	0.74	0.023	0.037	0.22	18.44	48.19	17.12	18.79	0.0	0.015	54.9	8.37	3.00	206.8	0.0	0.0	0.0
142	DL	29.4	23.8	89.2	0.77	0.023	0.038	0.23	19.32	48.19	16.38	18.74	0.0	0.015	55.0	8.00	3.20	207.0	0.0	0.0	0.0
143	DL	29.3	23.7	89.6	0.80	0.023	0.038	0.23	20.02	48.17	15.83	18.71	0.0	0.015	55.1	7.73	3.26	207.1	0.0	0.0	0.0
144	DL	29.2	22.9	87.1	0.82	0.023	0.036	0.23	20.41	48.18	15.55	18.69	0.0	0.015	55.1	7.58	3.07	207.2	0.0	0.0	0.0
145	DL	29.0	22.3	82.8	0.82	0.023	0.035	0.22	20.45	48.17	15.53	18.69	0.0	0.015	55.0	7.56	2.81	207.4	0.0	0.0	0.0
146	DL	29.0	21.7	79.1	0.81	0.023	0.035	0.21	20.22	48.17	15.69	18.70	0.0	0.015	55.0	7.64	2.71	207.6	0.0	0.0	0.0
147	DL	29.1	21.5	78.2	0.80	0.023	0.034	0.20	19.97	48.17	15.87	18.71	0.0	0.015	55.0	7.73	2.65	207.8	0.0	0.0	0.0
148	DL	29.2	21.4	79.9	0.80	0.023	0.034	0.21	19.85	48.18	15.97	18.72	0.0	0.015	55.0	7.78	2.64	207.9	0.0	0.0	0.0
149	DL	29.3	21.7	82.5	0.80	0.023	0.034	0.22	19.90	48.17	15.93	18.72	0.0	0.015	55.0	7.77	2.66	208.0	0.0	0.0	0.0
150	DL	29.4	22.1	84.8	0.80	0.023	0.035	0.22	20.06	48.18	15.81	18.71	0.0	0.015	55.0	7.71	2.75	208.2	0.0	0.0	0.0
151	DL	29.3	22.1	86.3	0.81	0.023	0.035	0.23	20.26	48.17	15.66	18.70	0.0	0.015	55.1	7.64	2.88	208.3	0.0	0.0	0.0
152	DL	29.2	21.5	83.6	0.82	0.023	0.034	0.22	20.40	48.17	15.56	18.69	0.0	0.015	55.1	7.60	2.83	208.3	0.0	0.0	0.0
153	DL	29.1	20.5	77.2	0.81	0.023	0.033	0.20	20.19	48.17	15.71	18.70	0.0	0.015	55.0	7.66	2.71	208.3	0.0	0.0	0.0
154	DL	29.1	19.8	71.4	0.79	0.023	0.031	0.19	19.66	48.17	16.12	18.73	0.0	0.015	54.9	7.85	2.58	208.3	0.0	0.0	0.0
155	DL	29.2	19.4	67.5	0.76	0.023	0.031	0.18	19.08	48.17	16.58	18.76	0.0	0.015	54.7	8.07	2.53	208.4	0.0	0.0	0.0
156	DL	29.4	19.2	66.0	0.75	0.023	0.030	0.17	18.63	48.16	16.95	18.78	0.0	0.015	54.7	8.25	2.52	208.4	0.0	0.0	0.0
157	DL	29.4	19.2	66.9	0.74	0.023	0.031	0.17	18.39	48.16	17.17	18.79	0.0	0.015	54.7	8.35	2.54	208.4	0.0	0.0	0.0
158	DL	29.5	19.5	69.4	0.73	0.023	0.031	0.18	18.32	48.17	17.22	18.80	0.0	0.015	54.6	8.38	2.56	208.5	0.0	0.0	0.0
159	DL	29.6	20.1	73.6	0.74	0.023	0.032	0.19	18.44	48.17	17.12	18.79	0.0	0.015	54.6	8.33	2.67	208.5	0.0	0.0	0.0
160	DL	29.5	21.2	79.4	0.75	0.023	0.034	0.21	18.80	48.18	16.81	18.77	0.0	0.015	54.7	8.18	2.72	208.5	0.0	0.0	0.0
161	DL	29.5	22.2	84.9	0.78	0.023	0.035	0.22	19.39	48.18	16.32	18.74	0.0	0.015	54.9	7.95	3.01	208.5	0.0	0.0	0.0
162	DL	29.3	22.9	87.8	0.80	0.023	0.036	0.23	20.03	48.17	15.83	18.71	0.0	0.015	54.9	7.71	3.23	208.5	0.0	0.0	0.0
163	DL	29.1	23.0	88.6	0.82	0.023	0.037	0.23	20.54	48.17	15.46	18.69	0.0	0.015	55.0	7.52	3.21	208.6	0.0	0.0	0.0

164 DL	28.9	22.7	87.7	0.84	0.023	0.036	0.23	20.90	48.17	15.21	18.67	0.0	0.015	55.1	7.41	3.21	208.6	0.0	0.0	0.0
165 DL	28.7	22.0	84.1	0.84	0.023	0.035	0.22	21.03	48.17	15.12	18.67	0.0	0.015	55.1	7.36	3.07	208.7	0.0	0.0	0.0
166 DL	28.6	21.3	80.1	0.84	0.022	0.034	0.21	20.87	48.16	15.23	18.67	0.0	0.015	55.0	7.41	2.85	208.8	0.0	0.0	0.0
167 DL	28.6	21.0	78.8	0.83	0.022	0.033	0.21	20.60	48.17	15.42	18.69	0.0	0.015	55.0	7.50	2.76	208.9	0.0	0.0	0.0
168 DL	28.6	20.7	79.6	0.82	0.023	0.033	0.21	20.47	48.17	15.51	18.69	0.0	0.015	55.1	7.56	2.89	209.0	0.0	0.0	0.0
169 DL	28.6	20.3	78.2	0.82	0.022	0.032	0.20	20.42	48.16	15.55	18.69	0.0	0.015	55.0	7.58	2.89	209.1	0.0	0.0	0.0
170 DL	28.6	20.1	75.8	0.81	0.023	0.032	0.20	20.22	48.16	15.69	18.70	0.0	0.015	55.0	7.64	2.80	209.2	0.0	0.0	0.0
171 DL	28.8	20.4	76.1	0.80	0.023	0.032	0.20	19.97	48.16	15.87	18.71	0.0	0.015	55.0	7.74	2.68	209.4	0.0	0.0	0.0
172 DL	28.9	21.0	79.5	0.80	0.023	0.033	0.21	19.92	48.16	15.91	18.72	0.0	0.015	55.1	7.77	2.91	209.5	0.0	0.0	0.0
173 DL	29.0	21.2	82.5	0.81	0.023	0.034	0.22	20.13	48.16	15.76	18.71	0.0	0.015	55.1	7.70	3.11	209.7	0.0	0.0	0.0
174 DL	28.9	21.0	82.1	0.82	0.023	0.033	0.21	20.38	48.15	15.57	18.70	0.0	0.015	55.1	7.60	3.16	209.8	0.0	0.0	0.0
175 DL	28.8	20.4	79.8	0.82	0.023	0.032	0.21	20.40	48.16	15.56	18.69	0.0	0.015	55.1	7.59	2.98	209.9	0.0	0.0	0.0
176 DL	28.8	19.9	77.2	0.81	0.023	0.032	0.20	20.23	48.15	15.68	18.70	0.0	0.015	55.1	7.65	2.84	210.1	0.0	0.0	0.0
177 DL	28.8	19.6	75.0	0.80	0.023	0.031	0.20	19.98	48.15	15.87	18.71	0.0	0.015	55.0	7.74	2.75	210.2	0.0	0.0	0.0
178 DL	28.9	19.4	73.6	0.79	0.023	0.031	0.19	19.69	48.15	16.09	18.73	0.0	0.015	55.0	7.85	2.81	210.4	0.0	0.0	0.0
179 DL	29.0	19.4	73.4	0.78	0.023	0.031	0.19	19.47	48.16	16.26	18.74	0.0	0.015	54.9	7.93	2.83	210.5	0.0	0.0	0.0
180 DL	29.2	19.7	74.9	0.78	0.023	0.031	0.20	19.34	48.15	16.36	18.74	0.0	0.015	54.9	7.98	2.83	210.6	0.0	0.0	0.0
181 DL	29.3	20.1	77.5	0.78	0.023	0.032	0.20	19.40	48.15	16.32	18.74	0.0	0.015	55.0	7.97	2.93	210.7	0.0	0.0	0.0
182 DL	29.4	20.8	80.8	0.79	0.023	0.033	0.21	19.60	48.16	16.16	18.73	0.0	0.015	55.0	7.89	3.00	210.9	0.0	0.0	0.0
183 DL	29.4	21.3	83.7	0.80	0.023	0.034	0.22	19.91	48.15	15.92	18.72	0.0	0.015	55.1	7.78	3.12	211.1	0.0	0.0	0.0
184 DL	29.3	21.4	85.1	0.81	0.023	0.034	0.22	20.25	48.15	15.66	18.70	0.0	0.015	55.1	7.65	3.16	211.3	0.0	0.0	0.0
185 DL	29.2	21.1	83.9	0.82	0.023	0.033	0.22	20.45	48.15	15.52	18.69	0.0	0.015	55.1	7.58	3.09	211.4	0.0	0.0	0.0
186 DL	29.1	20.7	80.2	0.82	0.023	0.033	0.21	20.42	48.15	15.54	18.69	0.0	0.015	55.1	7.59	2.98	211.5	0.0	0.0	0.0
187 DL	29.0	20.3	76.7	0.81	0.023	0.032	0.20	20.17	48.14	15.72	18.70	0.0	0.015	55.0	7.67	2.89	211.6	0.0	0.0	0.0
188 DL	29.0	20.2	75.7	0.80	0.023	0.032	0.20	19.87	48.16	15.96	18.72	0.0	0.015	55.0	7.78	2.85	211.8	0.0	0.0	0.0
189 DL	29.1	20.4	77.0	0.79	0.023	0.032	0.20	19.66	48.16	16.11	18.73	0.0	0.015	55.0	7.86	2.96	211.9	0.0	0.0	0.0
190 DL	29.2	20.8	79.7	0.79	0.023	0.033	0.21	19.67	48.15	16.10	18.73	0.0	0.015	55.0	7.86	3.01	212.0	0.0	0.0	0.0
191 DL	29.2	21.2	82.4	0.80	0.023	0.034	0.21	19.85	48.15	15.96	18.72	0.0	0.015	55.1	7.80	3.02	212.1	0.0	0.0	0.0
192 DL	29.2	21.2	83.3	0.80	0.023	0.034	0.22	20.07	48.16	15.80	18.71	0.0	0.015	55.1	7.72	3.11	212.2	0.0	0.0	0.0
193 DL	29.1	20.9	81.6	0.81	0.023	0.033	0.21	20.17	48.16	15.72	18.70	0.0	0.015	55.1	7.68	3.01	212.4	0.0	0.0	0.0
194 DL	29.1	20.6	79.0	0.80	0.023	0.033	0.21	20.08	48.16	15.79	18.71	0.0	0.015	55.0	7.71	2.83	212.5	0.0	0.0	0.0
195 DL	29.1	20.4	77.6	0.80	0.023	0.032	0.20	19.89	48.16	15.94	18.72	0.0	0.015	55.0	7.78	2.78	212.6	0.0	0.0	0.0
196 DL	29.2	20.4	77.7	0.79	0.023	0.032	0.20	19.75	48.15	16.04	18.72	0.0	0.015	55.0	7.83	2.85	212.7	0.0	0.0	0.0
197 DL	29.3	20.5	78.7	0.79	0.023	0.033	0.21	19.73	48.15	16.06	18.72	0.0	0.015	55.0	7.84	2.89	212.8	0.0	0.0	0.0
198 DL	29.3	20.6	79.5	0.79	0.023	0.033	0.21	19.76	48.14	16.03	18.72	0.0	0.015	55.0	7.83	2.83	212.8	0.0	0.0	0.0
199 DL	29.3	20.7	80.1	0.79	0.023	0.033	0.21	19.82	48.15	15.99	18.72	0.0	0.015	55.1	7.81	2.96	212.9	0.0	0.0	0.0
200 DL	29.3	20.6	80.1	0.80	0.023	0.033	0.21	19.87	48.15	15.95	18.72	0.0	0.015	55.1	7.79	3.00	212.9	0.0	0.0	0.0
201 DL	29.3	20.6	80.0	0.80	0.023	0.033	0.21	19.89	48.14	15.93	18.72	0.0	0.015	55.1	7.78	2.91	212.8	0.0	0.0	0.0
202 DL	29.2	20.5	79.6	0.80	0.023	0.032	0.21	19.92	48.15	15.91	18.72	0.0	0.015	55.1	7.77	2.90	212.7	0.0	0.0	0.0
203 DL	29.2	20.1	77.9	0.80	0.023	0.032	0.20	19.91	48.15	15.92	18.72	0.0	0.015	55.1	7.77	2.93	212.7	0.0	0.0	0.0
204 DL	29.2	19.8	75.7	0.79	0.023	0.031	0.20	19.79	48.14	16.01	18.72	0.0	0.015	54.9	7.81	2.79	212.7	0.0	0.0	0.0
205 DL	29.2	19.7	74.7	0.79	0.023	0.031	0.19	19.61	48.14	16.14	18.73	0.0	0.015	55.0	7.88	2.74	212.8	0.0	0.0	0.0
206 DL	29.2	19.8	75.0	0.78	0.023	0.031	0.20	19.51	48.15	16.22	18.73	0.0	0.015	55.0	7.92	2.84	212.8	0.0	0.0	0.0
207 DL	29.1	19.9	76.1	0.78	0.023	0.032	0.20	19.52	48.14	16.22	18.73	0.0	0.015	55.0	7.92	2.81	212.7	0.0	0.0	0.0
208 DL	29.1	19.8	77.6	0.79	0.023	0.031	0.20	19.59	48.14	16.16	18.73	0.0	0.015	55.0	7.89	2.83	212.7	0.0	0.0	0.0
209 DL	29.1	19.7	79.0	0.79	0.023	0.031	0.21	19.70	48.15	16.08	18.73	0.0	0.015	55.0	7.85	2.75	212.7	0.0	0.0	0.0
210 DL	29.0	19.7	79.7	0.80	0.023	0.031	0.21	19.84	48.14	15.97	18.72	0.0	0.015	55.0	7.80	2.73	212.8	0.0	0.0	0.0
211 DL	29.0	19.7	80.2	0.80	0.023	0.031	0.21	19.96	48.13	15.88	18.71	0.0	0.015	55.1	7.76	2.79	212.9	0.0	0.0	0.0
212 DL	28.9	19.6	79.9	0.80	0.023	0.031	0.21	20.05	48.13	15.81	18.71	0.0	0.015	55.1	7.72	2.78	213.0	0.0	0.0	0.0
213 DL	28.8	19.3	77.9	0.80	0.023	0.031	0.20	20.06	48.13	15.80	18.71	0.0	0.015	55.1	7.72	2.74	213.1	0.0	0.0	0.0
214 DL	28.8	19.1	75.5	0.80	0.023	0.030	0.20	19.91	48.13	15.92	18.72	0.0	0.015	55.0	7.77	2.73	213.1	0.0	0.0	0.0
215 DL	28.7	18.9	73.4	0.79	0.023	0.030	0.19	19.67	48.14	16.10	18.73	0.0	0.015	55.0	7.86	2.71	213.2	0.0	0.0	0.0
216 DL	28.8	19.0	72.3	0.78	0.023	0.030	0.19	19.44	48.13	16.28	18.74	0.0	0.015	54.9	7.94	2.69	213.4	0.0	0.0	0.0
217 DL	28.8	19.2	72.5	0.77	0.023	0.030	0.19	19.30	48.14	16.39	18.74	0.0	0.015	54.9	8.00	2.72	213.5	0.0	0.0	0.0
218 DL	28.9	19.5	74.1	0.77	0.023	0.031	0.19	19.28	48.14	16.40	18.75	0.0	0.015	54.9	8.01	2.71	213.6	0.0	0.0	0.0
219 DL	28.9	19.9	76.3	0.78	0.023	0.032	0.20	19.36	48.14	16.35	18.74	0.0	0.015	55.0	7.98	2.70	213.7	0.0	0.0	0.0
220 DL	28.9	20.2	78.1	0.78	0.023	0.032	0.20	19.51	48.14	16.22	18.73	0.0	0.015	55.0	7.92	2.79	213.9	0.0	0.0	0.0
221 DL	29.0	20.4	79.6	0.79	0.023	0.032	0.21	19.69	48.13	16.08	18.73	0.0	0.015	55.0	7.85	2.83	214.0	0.0	0.0	0.0
222 DL	29.0	20.3	80.6	0.80	0.023	0.032	0.21	19.87	48.14	15.94	18.72	0.0	0.015	55.0	7.79	2.79	214.2	0.0	0.0	0.0

223	DL	28.9	20.2	80.8	0.80	0.023	0.032	0.21	20.00	48.13	15.85	18.71	0.0	0.015	55.1	7.74	2.73	214.3	0.0	0.0	0.0
224	DL	28.9	20.1	80.0	0.80	0.023	0.032	0.21	20.05	48.14	15.81	18.71	0.0	0.015	55.0	7.72	2.66	214.4	0.0	0.0	0.0
225	DL	28.9	20.1	78.8	0.80	0.023	0.032	0.21	20.05	48.14	15.81	18.71	0.0	0.015	55.0	7.72	2.76	214.6	0.0	0.0	0.0
226	DL	28.9	20.1	78.1	0.80	0.023	0.032	0.20	19.98	48.14	15.86	18.71	0.0	0.015	55.0	7.74	2.83	214.7	0.0	0.0	0.0
227	DL	28.9	20.1	77.7	0.80	0.023	0.032	0.20	19.89	48.13	15.93	18.72	0.0	0.015	55.0	7.78	2.79	214.9	0.0	0.0	0.0
228	DL	29.0	20.2	77.8	0.79	0.023	0.032	0.20	19.82	48.14	15.98	18.72	0.0	0.015	55.0	7.80	2.81	214.9	0.0	0.0	0.0
229	DL	29.0	20.3	78.1	0.79	0.023	0.032	0.20	19.79	48.13	16.00	18.72	0.0	0.015	55.0	7.81	2.79	215.0	0.0	0.0	0.0
230	DL	29.1	20.2	78.3	0.79	0.023	0.032	0.20	19.78	48.14	16.01	18.72	0.0	0.015	55.0	7.82	2.77	215.2	0.0	0.0	0.0
231	DL	29.1	20.2	78.3	0.79	0.023	0.032	0.20	19.77	48.13	16.02	18.72	0.0	0.015	55.0	7.82	2.79	215.3	0.0	0.0	0.0
232	DL	29.1	20.3	78.3	0.79	0.023	0.032	0.20	19.75	48.13	16.03	18.72	0.0	0.015	55.0	7.83	2.83	215.4	0.0	0.0	0.0
233	DL	29.1	20.4	78.7	0.79	0.023	0.032	0.21	19.72	48.13	16.05	18.72	0.0	0.015	55.0	7.84	2.76	215.5	0.0	0.0	0.0
234	DL	29.1	20.4	79.1	0.79	0.023	0.032	0.21	19.73	48.13	16.05	18.72	0.0	0.015	55.0	7.84	2.69	215.6	0.0	0.0	0.0
235	DL	29.1	20.4	79.1	0.79	0.023	0.032	0.21	19.75	48.13	16.03	18.72	0.0	0.015	55.0	7.83	2.72	215.7	0.0	0.0	0.0
236	DL	29.1	20.5	79.1	0.79	0.023	0.033	0.21	19.75	48.13	16.03	18.72	0.0	0.015	55.0	7.83	2.75	215.9	0.0	0.0	0.0
237	DL	29.1	20.6	79.3	0.79	0.023	0.033	0.21	19.77	48.13	16.02	18.72	0.0	0.015	55.0	7.83	2.79	216.0	0.0	0.0	0.0
238	DL	29.1	20.7	79.7	0.79	0.023	0.033	0.21	19.79	48.14	16.00	18.72	0.0	0.015	55.0	7.82	2.82	216.1	0.0	0.0	0.0
239	DL	29.1	20.8	80.9	0.80	0.023	0.033	0.21	19.83	48.13	15.97	18.72	0.0	0.015	55.1	7.80	2.84	216.2	0.0	0.0	0.0
240	DL	29.1	20.8	81.7	0.80	0.023	0.033	0.21	19.90	48.12	15.91	18.72	0.0	0.015	55.1	7.78	2.80	216.3	0.0	0.0	0.0
241	DL	29.1	20.8	81.7	0.80	0.023	0.033	0.21	19.98	48.13	15.86	18.71	0.0	0.015	55.1	7.75	2.88	216.4	0.0	0.0	0.0
242	DL	29.2	20.8	81.4	0.80	0.023	0.033	0.21	20.01	48.12	15.84	18.71	0.0	0.015	55.1	7.74	2.89	216.5	0.0	0.0	0.0
243	DL	29.3	20.8	81.5	0.80	0.023	0.033	0.21	20.00	48.12	15.84	18.71	0.0	0.015	55.1	7.74	2.87	216.5	0.0	0.0	0.0
244	DL	29.3	20.8	81.5	0.80	0.023	0.033	0.21	20.02	48.13	15.83	18.71	0.0	0.015	55.1	7.74	2.80	216.5	0.0	0.0	0.0
245	DL	29.4	20.7	81.8	0.80	0.023	0.033	0.21	20.06	48.12	15.80	18.71	0.0	0.015	55.1	7.72	2.82	216.4	0.0	0.0	0.0
246	DL	29.4	20.6	81.5	0.81	0.023	0.033	0.21	20.09	48.12	15.77	18.71	0.0	0.015	55.1	7.71	2.78	216.4	0.0	0.0	0.0
247	DL	29.4	20.3	81.2	0.81	0.023	0.032	0.21	20.09	48.12	15.78	18.71	0.0	0.015	55.1	7.72	2.91	216.4	0.0	0.0	0.0
248	DL	29.3	20.2	80.6	0.81	0.023	0.032	0.21	20.08	48.12	15.79	18.71	0.0	0.015	55.1	7.72	2.91	216.4	0.0	0.0	0.0
249	DL	29.3	20.0	78.2	0.80	0.023	0.032	0.20	20.01	48.13	15.84	18.71	0.0	0.015	55.1	7.74	2.90	216.3	0.0	0.0	0.0
250	DL	29.3	19.8	75.5	0.80	0.023	0.031	0.20	19.83	48.12	15.97	18.72	0.0	0.015	55.1	7.81	2.84	216.3	0.0	0.0	0.0
251	DL	29.4	19.6	74.1	0.79	0.023	0.031	0.19	19.61	48.12	16.14	18.73	0.0	0.015	55.0	7.89	2.88	216.3	0.0	0.0	0.0
252	DL	29.4	19.4	73.5	0.78	0.023	0.031	0.19	19.41	48.13	16.30	18.74	0.0	0.015	55.0	7.96	2.90	216.3	0.0	0.0	0.0
253	DL	29.4	19.4	73.6	0.77	0.023	0.031	0.19	19.28	48.12	16.40	18.75	0.0	0.015	55.0	8.02	2.88	216.3	0.0	0.0	0.0
254	DL	29.5	19.8	75.3	0.77	0.023	0.031	0.20	19.22	48.13	16.45	18.75	0.0	0.015	55.0	8.04	2.85	216.3	0.0	0.0	0.0
255	DL	29.5	20.2	78.7	0.78	0.023	0.032	0.21	19.35	48.12	16.34	18.74	0.0	0.015	55.0	7.99	2.95	216.4	0.0	0.0	0.0
256	DL	29.4	20.0	79.2	0.79	0.023	0.032	0.21	19.64	48.12	16.11	18.73	0.0	0.015	55.1	7.89	2.98	216.4	0.0	0.0	0.0
257	DL	29.3	19.6	74.7	0.79	0.023	0.031	0.19	19.69	48.12	16.08	18.73	0.0	0.015	55.0	7.85	2.89	216.4	0.0	0.0	0.0
258	DL	29.3	19.6	73.4	0.78	0.023	0.031	0.19	19.45	48.13	16.27	18.74	0.0	0.015	54.9	7.94	2.73	216.5	0.0	0.0	0.0
259	DL	29.3	19.7	75.4	0.77	0.023	0.031	0.20	19.32	48.13	16.37	18.74	0.0	0.015	55.0	8.00	2.79	216.6	0.0	0.0	0.0
260	DL	29.4	20.1	77.9	0.78	0.023	0.032	0.20	19.42	48.12	16.29	18.74	0.0	0.015	55.0	7.96	2.83	216.7	0.0	0.0	0.0
261	DL	29.4	20.4	80.0	0.79	0.023	0.032	0.21	19.63	48.11	16.12	18.73	0.0	0.015	55.1	7.88	2.93	216.8	0.0	0.0	0.0
262	DL	29.3	20.5	80.8	0.80	0.023	0.033	0.21	19.88	48.12	15.93	18.72	0.0	0.015	55.1	7.79	2.96	216.9	0.0	0.0	0.0
263	DL	29.3	20.5	80.4	0.80	0.023	0.032	0.21	19.99	48.11	15.84	18.71	0.0	0.015	55.1	7.75	2.96	217.1	0.0	0.0	0.0
264	DL	29.2	20.4	79.6	0.80	0.023	0.032	0.21	20.00	48.12	15.84	18.71	0.0	0.015	55.1	7.74	2.92	217.3	0.0	0.0	0.0
265	DL	29.2	20.3	79.7	0.80	0.023	0.032	0.21	20.00	48.12	15.84	18.71	0.0	0.015	55.1	7.75	2.88	217.4	0.0	0.0	0.0
266	DL	29.2	20.4	80.3	0.80	0.023	0.032	0.21	20.02	48.12	15.82	18.71	0.0	0.015	55.1	7.74	2.92	217.4	0.0	0.0	0.0
267	DL	29.2	20.6	80.9	0.81	0.023	0.033	0.21	20.07	48.12	15.79	18.71	0.0	0.015	55.1	7.72	2.84	217.5	0.0	0.0	0.0
268	DL	29.3	20.5	81.2	0.81	0.023	0.032	0.21	20.13	48.12	15.74	18.71	0.0	0.015	55.2	7.70	2.91	217.7	0.0	0.0	0.0
269	DL	29.3	20.2	80.0	0.81	0.023	0.032	0.21	20.15	48.12	15.73	18.70	0.0	0.015	55.2	7.70	2.90	217.9	0.0	0.0	0.0
270	DL	29.3	19.7	76.9	0.80	0.023	0.031	0.20	20.03	48.12	15.82	18.71	0.0	0.015	55.1	7.74	2.87	218.0	0.0	0.0	0.0
271	DL	29.3	19.4	73.6	0.79	0.023	0.031	0.19	19.74	48.11	16.04	18.72	0.0	0.015	55.1	7.84	2.79	218.1	0.0	0.0	0.0
272	DL	29.4	19.1	71.1	0.78	0.023	0.030	0.19	19.39	48.13	16.31	18.74	0.0	0.015	55.0	7.97	2.80	218.2	0.0	0.0	0.0
273	DL	29.5	19.0	69.6	0.76	0.023	0.030	0.18	19.08	48.13	16.57	18.76	0.0	0.015	55.0	8.10	2.77	218.3	0.0	0.0	0.0
274	DL	29.7	19.1	68.9	0.76	0.023	0.030	0.18	18.83	48.12	16.77	18.77	0.0	0.015	54.9	8.20	2.76	218.4	0.0	0.0	0.0
275	DL	29.8	19.1	68.9	0.75	0.023	0.030	0.18	18.61	48.12	16.96	18.78	0.0	0.015	54.9	8.29	2.75	218.5	0.0	0.0	0.0
276	DL	29.9	19.1	69.6	0.74	0.023	0.030	0.18	18.44	48.12	17.10	18.79	0.0	0.015	54.8	8.36	2.81	218.7	0.0	0.0	0.0
277	DL	29.9	19.2	70.6	0.74	0.024	0.030	0.18	18.37	48.13	17.16	18.79	0.0	0.015	54.8	8.38	2.82	218.8	0.0	0.0	0.0
278	DL	30.0	19.4	71.4	0.74	0.024	0.031	0.19	18.37	48.13	17.16	18.79	0.0	0.015	54.8	8.38	2.86	218.9	0.0	0.0	0.0
279	DL	30.0	19.6	72.7	0.74	0.024	0.031	0.19	18.41	48.12	17.13	18.79	0.0	0.015	54.8	8.36	2.91	218.9	0.0	0.0	0.0
280	DL	30.0	19.8	74.5	0.74	0.024	0.031	0.19	18.51	48.12	17.04	18.78	0.0	0.015	54.8	8.32	2.96	219.0	0.0	0.0	0.0
281	DL	29.9	20.1	76.4	0.75	0.024	0.032	0.20	18.67	48.12	16.90	18.78	0.0	0.015	54.8	8.25	2.99	219.1	0.0	0.0	0.0

282 DL	29.9	20.3	78.2	0.76	0.024	0.032	0.20	18.86	48.12	16.74	18.77	0.0	0.015	54.8	8.17	2.97	219.2	0.0	0.0	0.0
283 DL	29.9	20.6	80.6	0.77	0.024	0.033	0.21	19.08	48.12	16.56	18.75	0.0	0.015	54.9	8.08	2.99	219.3	0.0	0.0	0.0
284 DL	29.9	21.0	83.4	0.78	0.024	0.033	0.22	19.36	48.12	16.33	18.74	0.0	0.015	54.9	7.97	3.00	219.4	0.0	0.0	0.0
285 DL	29.9	21.4	86.1	0.79	0.024	0.034	0.22	19.72	48.13	16.05	18.72	0.0	0.015	55.0	7.83	3.04	219.5	0.0	0.0	0.0
286 DL	29.9	21.7	88.4	0.81	0.024	0.034	0.23	20.11	48.11	15.75	18.71	0.0	0.015	55.0	7.69	3.05	219.6	0.0	0.0	0.0
287 DL	29.9	21.9	89.7	0.82	0.024	0.035	0.23	20.46	48.12	15.50	18.69	0.0	0.015	55.1	7.57	3.19	219.5	0.0	0.0	0.0
288 DL	29.8	21.6	88.7	0.83	0.023	0.034	0.23	20.69	48.12	15.34	18.68	0.0	0.015	55.1	7.49	3.21	219.4	0.0	0.0	0.0
289 DL	29.7	21.1	85.4	0.83	0.023	0.033	0.22	20.71	48.12	15.32	18.68	0.0	0.015	55.1	7.48	3.11	219.4	0.0	0.0	0.0
290 DL	29.6	20.7	81.7	0.82	0.023	0.033	0.21	20.54	48.12	15.45	18.69	0.0	0.015	55.1	7.54	3.00	219.4	0.0	0.0	0.0
291 DL	29.6	20.3	78.8	0.81	0.023	0.032	0.21	20.27	48.11	15.64	18.70	0.0	0.015	55.0	7.63	2.95	219.4	0.0	0.0	0.0
292 DL	29.6	20.1	76.9	0.80	0.023	0.032	0.20	20.02	48.11	15.82	18.71	0.0	0.015	55.0	7.73	2.96	219.3	0.0	0.0	0.0
293 DL	29.7	20.1	76.2	0.79	0.023	0.032	0.20	19.80	48.12	15.99	18.72	0.0	0.015	55.0	7.81	3.04	219.3	0.0	0.0	0.0
294 DL	29.8	20.1	75.9	0.79	0.023	0.032	0.20	19.66	48.13	16.10	18.73	0.0	0.015	55.0	7.86	3.01	219.2	0.0	0.0	0.0
295 DL	29.9	20.2	76.6	0.79	0.023	0.032	0.20	19.59	48.11	16.15	18.73	0.0	0.015	55.0	7.89	3.07	219.2	0.0	0.0	0.0
296 DL	29.9	20.2	77.6	0.79	0.023	0.032	0.20	19.62	48.12	16.13	18.73	0.0	0.015	55.0	7.88	3.11	219.1	0.0	0.0	0.0
297 DL	29.9	20.2	78.0	0.79	0.023	0.032	0.20	19.68	48.11	16.08	18.73	0.0	0.015	55.0	7.86	3.14	219.1	0.0	0.0	0.0
298 DL	29.9	20.3	78.4	0.79	0.023	0.032	0.20	19.75	48.12	16.03	18.72	0.0	0.015	55.0	7.83	3.10	219.2	0.0	0.0	0.0
299 DL	29.9	20.3	78.8	0.79	0.023	0.032	0.21	19.80	48.11	15.99	18.72	0.0	0.015	55.1	7.82	3.05	219.3	0.0	0.0	0.0
300 DL	29.8	20.3	78.6	0.80	0.023	0.032	0.20	19.84	48.11	15.96	18.72	0.0	0.015	55.1	7.81	3.08	219.3	0.0	0.0	0.0
301 DL	29.8	20.2	77.9	0.80	0.023	0.032	0.20	19.84	48.11	15.96	18.72	0.0	0.015	55.1	7.80	3.13	219.3	0.0	0.0	0.0
302 DL	29.8	20.1	77.0	0.79	0.023	0.032	0.20	19.80	48.12	15.99	18.72	0.0	0.015	55.1	7.82	3.16	219.3	0.0	0.0	0.0
303 DL	29.8	20.0	76.2	0.79	0.023	0.032	0.20	19.72	48.12	16.05	18.72	0.0	0.015	55.1	7.85	3.14	219.4	0.0	0.0	0.0
304 DL	29.8	19.9	75.7	0.79	0.023	0.032	0.20	19.62	48.11	16.13	18.73	0.0	0.015	55.1	7.89	3.11	219.5	0.0	0.0	0.0
305 DL	29.7	19.9	75.7	0.78	0.023	0.032	0.20	19.55	48.12	16.18	18.73	0.0	0.015	55.1	7.91	3.12	219.6	0.0	0.0	0.0
306 DL	29.7	20.0	76.4	0.78	0.023	0.032	0.20	19.54	48.12	16.20	18.73	0.0	0.015	55.1	7.92	3.12	219.8	0.0	0.0	0.0
307 DL	29.8	20.0	77.3	0.78	0.023	0.032	0.20	19.56	48.11	16.17	18.73	0.0	0.015	55.1	7.92	3.14	219.9	0.0	0.0	0.0
308 DL	29.8	20.1	78.4	0.79	0.023	0.032	0.20	19.62	48.12	16.13	18.73	0.0	0.015	55.1	7.90	3.12	220.0	0.0	0.0	0.0
309 DL	29.9	20.1	79.4	0.79	0.023	0.032	0.21	19.70	48.12	16.07	18.73	0.0	0.015	55.1	7.86	3.21	220.1	0.0	0.0	0.0
310 DL	29.9	20.1	80.4	0.79	0.023	0.032	0.21	19.81	48.12	15.98	18.72	0.0	0.015	55.2	7.83	3.22	220.3	0.0	0.0	0.0
311 DL	29.8	19.3	74.6	0.80	0.023	0.031	0.19	19.86	48.12	15.95	18.72	0.0	0.015	55.2	7.81	3.16	220.3	0.0	0.0	0.0
312 DL	29.2	17.1	52.1	0.76	0.023	0.027	0.14	19.06	48.11	16.59	18.76	0.0	0.015	54.5	8.04	3.13	220.5	0.0	0.0	0.0
313 DL	27.5	14.1	28.9	0.66	0.022	0.022	0.08	16.51	48.11	19.05	18.90	0.0	0.015	52.4	8.94	2.68	220.6	0.0	0.0	0.0
314 DL	25.1	11.2	15.4	0.53	0.020	0.018	0.04	13.15	48.12	23.59	19.19	0.0	0.014	50.3	10.76	2.15	220.6	0.0	0.0	0.0
315 DL	22.9	8.9	9.1	0.40	0.018	0.014	0.02	10.01	48.14	30.31	19.62	0.0	0.014	48.7	13.68	2.03	220.7	0.0	0.0	0.0
316 DL	20.9	7.4	6.5	0.30	0.016	0.012	0.02	7.55	48.14	38.93	20.21	0.0	0.013	47.2	17.55	1.99	220.9	0.0	0.0	0.0
317 DL	19.3	6.4	5.2	0.24	0.015	0.010	0.01	5.90	48.16	48.04	20.87	0.0	0.013	45.4	21.58	1.94	220.9	0.0	0.0	0.0
318 DL	17.9	5.4	4.5	0.19	0.014	0.009	0.01	4.85	48.16	56.58	21.54	0.0	0.012	43.1	24.94	1.89	221.0	0.0	0.0	0.0
319 DL	16.8	4.7	4.1	0.16	0.013	0.007	0.01	4.03	48.16	65.73	22.30	0.0	0.011	41.2	28.62	1.96	221.0	0.0	0.0	0.0
320 DL	15.8	4.1	3.8	0.13	0.012	0.006	0.01	3.26	48.18	77.36	23.34	0.0	0.011	39.3	33.66	1.97	221.0	0.0	0.0	0.0
321 DL	14.9	3.7	3.6	0.11	0.012	0.006	0.01	2.64	48.17	90.38	24.64	0.0	0.010	37.1	39.26	1.83	221.0	0.0	0.0	0.0
322 DL	14.2	3.6	3.3	0.09	0.011	0.006	0.01	2.25	48.19	100.97	25.81	0.0	0.010	35.0	43.35	1.77	221.1	0.0	0.0	0.0
323 DL	13.6	3.3	3.1	0.08	0.011	0.005	0.01	1.99	48.20	109.29	26.81	0.0	0.009	33.2	46.17	1.84	221.1	0.0	0.0	0.0
324 DL	13.0	3.0	2.9	0.07	0.010	0.005	0.01	1.75	48.20	119.01	28.07	0.0	0.009	32.7	51.77	1.82	221.1	0.0	0.0	0.0
325 DL	12.5	2.9	2.7	0.06	0.010	0.005	0.01	1.46	48.21	132.46	30.03	0.0	0.009	32.9	62.10	1.78	221.2	0.0	0.0	0.0
326 DL	12.1	2.7	2.6	0.05	0.010	0.004	0.01	1.22	48.22	146.50	32.41	2.3	0.009	32.5	73.09	1.74	221.2	0.0	0.0	0.0
327 DL	11.7	2.7	2.4	0.04	0.009	0.004	0.01	1.08	48.21	156.15	34.28	1.0	0.008	30.4	77.54	1.74	221.2	0.0	0.0	0.0
328 DL	11.3	2.6	2.4	0.04	0.009	0.004	0.01	0.99	48.23	163.11	35.76	1.0	0.008	27.6	76.65	1.71	221.1	0.0	0.0	0.0
329 DL	10.8	2.5	2.3	0.04	0.009	0.004	0.01	0.89	48.24	171.75	37.78	1.0	0.007	25.7	79.29	1.82	221.0	0.0	0.0	0.0
330 DL	10.4	2.4	2.3	0.03	0.008	0.004	0.01	0.76	48.25	183.84	41.02	1.0	0.007	23.8	85.39	1.81	220.9	0.0	0.0	0.0
331 DL	10.0	2.3	2.2	0.03	0.008	0.004	0.01	0.65	48.25	195.69	44.82	1.0	0.007	24.0	99.70	1.80	220.9	0.0	0.0	0.0
332 DL	9.7	2.3	2.1	0.02	0.008	0.004	0.01	0.59	48.26	203.28	47.65	1.0	0.007	24.0	*****	1.76	220.8	0.0	0.0	0.0
333 DL	9.4	2.3	2.0	0.02	0.007	0.004	0.01	0.55	48.26	208.27	49.70	1.0	0.006	23.2	*****	1.76	220.7	0.0	0.0	0.0
334 DL	9.1	2.2	2.2	0.02	0.007	0.004	0.01	0.49	48.27	215.43	52.96	1.0	0.006	20.1	*****	1.86	220.6	0.0	0.0	0.0
335 DL	9.0	2.5	3.5	0.02	0.007	0.004	0.01	0.47	48.28	218.30	54.41	1.0	0.005	18.0	*****	1.71	220.5	0.0	0.0	0.0
336 DL	9.2	3.1	4.1	0.02	0.007	0.005	0.01	0.58	48.28	203.78	47.79	1.0	0.004	16.1	74.50	2.19	220.3	0.0	0.0	0.0
337 DL	9.7	4.0	4.2	0.03	0.008	0.006	0.01	0.70	48.29	189.49	42.75	1.0	0.004	14.3	55.31	2.24	220.3	0.0	0.0	0.0
338 DL	10.1	4.7	6.4	0.03	0.008	0.007	0.02	0.80	48.29	179.32	39.73	1.0	0.004	13.4	44.87	2.20	220.2	0.0	0.0	0.0
339 DL	10.2	4.9	8.3	0.04	0.008	0.008	0.02	1.06	48.31	157.52	34.50	1.0	0.004	14.1	36.25	3.32	220.0	0.0	0.0	0.0
340 DL	10.5	5.0	7.4	0.05	0.008	0.008	0.02	1.32	48.31	140.18	31.30	1.0	0.004	13.7	28.50	3.15	219.9	0.0	0.0	0.0

341	DL	10.7	5.0	6.1	0.05	0.008	0.008	0.02	1.37	48.31	137.38	30.84	1.0	0.003	10.3	21.01	2.26	219.8	0.0	0.0	0.0
342	DL	10.9	4.9	5.7	0.05	0.009	0.008	0.01	1.32	48.31	140.08	31.29	1.0	0.002	7.4	15.56	2.29	219.6	0.0	0.0	0.0
343	DL	10.9	4.8	7.1	0.05	0.009	0.008	0.02	1.34	48.31	139.16	31.13	1.0	0.001	5.1	10.79	2.64	219.4	0.0	0.0	0.0
344	DL	10.8	4.6	9.6	0.06	0.008	0.007	0.03	1.52	48.32	129.47	29.57	0.0	0.001	3.2	5.92	2.99	219.1	0.0	0.0	0.0
345	DL	10.5	4.5	11.4	0.07	0.008	0.007	0.03	1.83	48.32	116.10	27.68	0.0	0.001	2.1	3.18	3.34	219.0	0.0	0.0	0.0
346	DL	10.2	4.4	12.7	0.08	0.008	0.007	0.03	2.10	48.32	105.98	26.41	0.0	0.000	1.6	2.12	3.53	218.8	0.0	0.0	0.0
347	DL	9.9	4.4	13.8	0.09	0.008	0.007	0.04	2.33	48.33	98.80	25.57	0.0	0.000	1.2	1.50	3.76	218.6	0.0	0.0	0.0
348	DL	9.6	4.4	14.6	0.10	0.008	0.007	0.04	2.54	48.34	93.05	24.94	0.0	0.000	0.7	0.85	3.85	218.5	0.0	0.0	0.0
349	DL	9.4	4.5	15.2	0.11	0.007	0.007	0.04	2.74	48.34	88.18	24.42	0.0	0.000	0.3	0.37	3.81	218.4	0.0	0.0	0.0
350	DL	9.2	4.5	15.6	0.12	0.007	0.007	0.04	2.93	48.35	84.06	24.01	0.0	0.000	0.0	0.01	3.94	218.3	0.0	0.0	0.0
351	DL	9.0	4.4	15.7	0.12	0.007	0.007	0.04	3.07	48.35	81.28	23.73	0.0	0.000	0.0	1.10	3.91	218.3	0.0	0.0	0.0
352	DL	8.8	4.4	15.6	0.13	0.007	0.007	0.04	3.16	48.34	79.57	23.57	0.0	0.000	0.0	1.13	3.72	218.2	0.0	0.0	0.0
353	DL	8.7	4.4	15.7	0.13	0.007	0.007	0.04	3.23	48.35	78.34	23.45	0.0	0.000	0.0	1.15	3.92	218.2	0.0	0.0	0.0
354	DL	8.5	4.4	15.6	0.13	0.007	0.007	0.04	3.29	48.35	77.15	23.34	0.0	0.000	0.0	1.18	3.99	218.2	0.0	0.0	0.0
355	DL	8.4	4.4	15.6	0.13	0.007	0.007	0.04	3.35	48.35	76.09	23.24	0.0	0.000	0.0	1.20	3.86	218.1	0.0	0.0	0.0
356	DL	8.3	4.3	15.7	0.14	0.007	0.007	0.04	3.39	48.36	75.49	23.18	0.0	0.000	0.0	1.21	3.95	218.1	0.0	0.0	0.0
357	DL	8.2	4.3	15.7	0.14	0.006	0.007	0.04	3.41	48.36	75.11	23.15	0.0	0.000	0.0	1.22	3.83	218.0	0.0	0.0	0.0

Test #: 1064 Commuter

Date: 5/10/94

Test cycle results

CO (g/mi) =	1.33
CO2 (g/mi) =	165.86
NOx (g/mi) =	5.07

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
11:30:30	61.78	1.79	131.38	90.35	53.72	76.34	685.93							
11:30:31	61.78	1.79	131.38	90.35	54.95	76.34	685.93							
11:30:32	67.28	1.80	131.38	91.58	53.72	76.34	684.41							
11:30:33	67.28	1.80	131.38	92.80	54.95	76.34	682.37	11.7889	12.0779	0.1131	0.0004	0.0014	0.0017	0.0000
11:30:34	67.28	1.80	131.38	92.80	54.95	76.34	682.37	11.7889	12.0779	0.1131	0.0008	0.0029	0.0035	0.0001
11:30:35	67.28	1.80	131.38	94.02	54.95	76.34	685.42	11.9483	12.2431	0.1131	0.0013	0.0043	0.0052	0.0001
11:30:36	67.28	1.80	131.38	95.24	56.17	76.34	684.41	12.1076	12.4064	0.1131	0.0017	0.0058	0.0070	0.0001
11:30:37	67.28	1.80	131.38	95.24	56.17	76.10	685.42	12.1076	12.4064	0.1131	0.0022	0.0072	0.0088	0.0002
11:30:38	67.28	1.78	131.87	95.24	56.17	76.34	682.37	12.2669	12.5696	0.1131	0.0026	0.0087	0.0105	0.0002
11:30:39	67.28	1.80	131.38	94.02	56.17	76.34	683.90	12.4262	12.7329	0.1131	0.0031	0.0102	0.0123	0.0002
11:30:40	67.28	1.80	131.38	94.02	56.17	76.34	684.92	12.4262	12.7329	0.1131	0.0036	0.0117	0.0140	0.0003
11:30:41	67.28	1.80	131.38	94.02	56.17	76.34	684.92	12.4262	12.7295	0.1131	0.0041	0.0132	0.0158	0.0003
11:30:42	67.28	1.80	131.38	94.02	56.17	76.34	684.92	12.2669	12.5690	0.1131	0.0045	0.0147	0.0175	0.0003
11:30:43	70.33	1.80	131.38	94.02	57.39	76.34	684.92	12.2669	12.5690	0.1131	0.0050	0.0162	0.0193	0.0003
11:30:44	70.21	1.78	131.38	94.02	57.39	76.34	684.92	12.2669	12.5690	0.1131	0.0054	0.0177	0.0210	0.0004
11:30:45	70.21	1.78	130.89	95.24	56.17	76.10	683.39	12.2669	12.5690	0.1131	0.0059	0.0192	0.0228	0.0004
11:30:46	70.33	1.80	131.38	95.24	56.17	76.34	682.37	12.2669	12.5690	0.1131	0.0064	0.0207	0.0245	0.0004
11:30:47	70.33	1.80	132.84	95.24	54.95	76.34	682.37	12.2669	12.5664	0.1131	0.0069	0.0221	0.0262	0.0005
11:30:48	70.21	1.82	133.33	95.24	54.95	76.10	684.92	12.4262	12.7296	0.1131	0.0074	0.0236	0.0280	0.0005
11:30:49	70.21	1.84	133.33	95.24	54.95	76.34	682.37	12.4262	12.7323	0.1131	0.0079	0.0251	0.0297	0.0005
11:30:50	70.21	1.84	133.33	95.24	54.95	76.34	682.37	12.4262	12.7323	0.1131	0.0083	0.0267	0.0315	0.0006
11:30:51	70.33	1.84	133.33	96.46	56.17	76.34	685.42	12.4262	12.7349	0.1131	0.0088	0.0282	0.0332	0.0006
11:30:52	70.21	1.87	132.84	97.68	58.61	76.34	683.39	12.4262	12.7396	0.1131	0.0093	0.0297	0.0350	0.0006
11:30:53	70.33	1.92	133.33	100.12	61.05	76.34	911.70	12.4262	12.7396	0.1131	0.0098	0.0313	0.0368	0.0007
11:30:54	70.21	1.96	132.84	107.45	69.60	76.34	946.27	12.5855	12.9029	0.1131	0.0103	0.0328	0.0386	0.0007
11:30:55	70.33	1.99	133.33	135.53	84.25	76.34	1033.22	12.7448	13.0710	0.1131	0.0108	0.0344	0.0404	0.0007
11:30:56	70.33	2.05	133.33	152.63	90.35	76.34	1075.93	13.0634	13.4069	3.3924	0.0113	0.0360	0.0965	0.0017
11:30:57	70.21	2.10	226.13	164.84	94.02	76.58	1260.51	14.0193	14.3947	4.1840	0.0119	0.0377	0.1669	0.0028
11:30:58	70.21	2.14	226.13	186.81	96.46	76.58	1421.19	17.6834	18.1655	5.4279	0.0126	0.0399	0.2599	0.0043
11:30:59	70.33	2.19	226.13	212.45	109.89	76.58	1563.56	19.9138	20.4716	6.1064	0.0134	0.0423	0.3674	0.0060
11:31:00	70.33	2.27	226.13	362.64	166.06	76.34	1886.44	21.5069	22.1255	7.6895	0.0142	0.0468	0.5063	0.0082
11:31:01	70.33	2.33	226.13	621.49	257.63	76.34	1847.80	24.3744	25.0900	9.2726	0.0152	0.0519	0.6773	0.0107
11:31:02	70.21	2.37	225.64	621.49	257.63	76.34	1847.80	27.7199	28.5531	10.7427	0.0163	0.0577	0.8801	0.0137
11:31:03	81.32	2.44	226.13	1302.81	450.55	76.34	1772.54	47.3151	48.7880	13.2305	0.0182	0.0677	1.1387	0.0174
11:31:04	81.32	2.48	226.13	1323.56	472.53	76.34	1772.54	81.0889	83.6743	16.5098	0.0214	0.0847	1.4692	0.0220
11:31:05	81.32	2.56	225.64	1261.29	476.19	76.58	1566.61	81.0889	83.7179	16.5098	0.0246	0.1017	1.8052	0.0266
11:31:06	81.32	2.59	225.64	1047.62	444.44	76.34	1072.88	169.9839	175.6727	19.7892	0.0324	0.1374	2.2206	0.0321
11:31:07	81.32	2.64	319.90	1047.62	444.44	76.34	1072.88	172.6921	178.5740	19.7892	0.0404	0.1737	2.6434	0.0376
11:31:08	81.32	2.70	319.90	489.62	261.29	76.34	1107.97	164.5673	170.3500	21.2592	0.0480	0.2083	3.1118	0.0435
11:31:09	81.32	2.76	319.90	489.62	261.29	76.34	1107.97	136.6880	141.5500	23.1816	0.0543	0.2370	3.6288	0.0499
11:31:10	81.32	2.76	319.90	384.62	223.44	76.34	1134.41	136.6880	141.6312	23.1816	0.0606	0.2777	4.1543	0.0564
11:31:11	81.32	2.85	320.39	290.60	181.93	76.34	1210.68	63.8834	66.2523	24.1993	0.0635	0.2968	4.7168	0.0631
11:31:12	84.74	2.89	319.90	274.73	181.93	76.34	1210.68	63.8834	66.3041	24.1993	0.0665	0.3159	5.2914	0.0698
11:31:13	84.74	2.94	319.90	286.94	179.49	76.10	1315.93	50.1827	52.0843	24.7647	0.0688	0.3309	5.8795	0.0767
11:31:14	84.62	2.98	319.90	345.54	192.92	76.34	1371.87	37.9158	39.4018	26.3478	0.0705	0.3422	6.5264	0.0840
11:31:15	84.74	3.03	319.90	426.13	218.56	76.10	1436.95	35.8448	37.2673	26.3478	0.0723	0.3529	7.1813	0.0913
11:31:16	84.74	3.06	319.41	681.32	282.05	76.10	1532.04	37.4379	38.9519	28.8356	0.0741	0.3641	7.9115	0.0993
11:31:17	84.74	3.09	377.53	892.55	339.44	76.34	1585.93	45.0848	46.9325	30.0795	0.0762	0.3776	8.6834	0.1077
11:31:18	84.74	3.12	378.02	1073.26	339.44	76.34	1585.93	55.5992	57.9110	31.4365	0.0789	0.3943	9.5017	0.1164
11:31:19	84.74	3.12	378.02	1073.26	401.71	76.10	1638.81	88.8950	92.6347	33.5850	0.0832	0.4209	10.3861	0.1257
11:31:20	84.74	3.20	377.53	1423.69	539.68	76.10	1711.53	116.4557	121.3989	34.7158	0.0889	0.4621	11.3084	0.1354
11:31:21	84.74	3.26	377.05	1083.03	483.52	76.10	1300.68	140.0336	146.0308	34.7158	0.0956	0.5118	12.2389	0.1450
11:31:22	155.80	3.31	377.05	907.20	429.79	76.34	1325.59	140.0336	146.0308	35.8466	0.1024	0.5614	13.1997	0.1550
11:31:23	155.80	3.37	377.53	800.98	395.60	76.34	1365.25	185.7556	193.9326	38.3344	0.1114	0.6273	14.2555	0.1656
11:31:24	155.80	3.42	377.53	800.98	395.60	76.34	1365.25	141.3081	147.6436	39.3521	0.1183	0.6773	15.3591	0.1766
11:31:25	155.80	3.48	377.05	754.58	360.20	76.10	1414.07	118.3674	123.7677	40.1437	0.1288	0.7193	16.5012	0.1877
11:31:26	155.80	3.48	377.05	754.58	360.20	76.10	1414.07	104.5074	109.3719	40.8222	0.1381	0.7564	17.6858	0.1991
11:31:27	155.80	3.55	377.53	769.23	363.86	75.85	1431.87	104.5074	109.4458	40.8222	0.1475	0.7936	18.8883	0.2104
11:31:28	155.80	3.73	436.14	673.99	327.23	76.10	1448.64	98.4537	103.1863	42.7446	0.1563	0.8286	20.1689	0.2223

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			

11:31:29	155.80	3.87	435.65	605.62	302.81	76.10	1462.37	98.4537	103.1863	42.7446	0.1651	0.8636	21.4495	0.2341
11:31:30	155.80	3.94	436.14	577.53	289.38	76.10	1471.53	100.3654	105.2883	43.1969	0.1741	0.8993	22.7698	0.2461
11:31:31	155.80	4.11	436.14	568.99	280.83	76.10	1487.80	87.9392	92.4635	43.7623	0.1820	0.9356	24.1721	0.2583
11:31:32	348.23	4.20	436.14	575.09	283.27	76.10	1497.97	79.0178	83.2383	44.1015	0.1891	0.9682	25.6385	0.2705
11:31:33	348.23	4.31	436.14	598.29	301.59	76.34	1509.66	75.3537	79.4567	44.4408	0.1958	0.9994	27.1446	0.2829
11:31:34	348.23	4.31	436.14	598.29	301.59	76.34	1509.66	74.2385	78.4554	44.8931	0.2025	1.0301	28.7309	0.2954
11:31:35	348.23	4.59	436.63	691.09	327.23	76.10	1545.26	75.0351	79.4198	45.3454	0.2177	1.0613	30.3681	0.3080
11:31:36	348.23	4.70	436.14	730.16	338.22	76.10	1561.02	78.0620	82.7433	45.5716	0.2334	1.0938	32.0564	0.3206
11:31:37	348.11	4.87	684.74	781.44	371.18	76.10	1582.88	78.0620	82.7433	45.5716	0.2492	1.1262	33.7447	0.3333
11:31:38	348.23	4.99	684.25	824.18	387.06	76.10	1596.61	90.1695	95.9336	46.5893	0.2675	1.1639	35.5834	0.3462
11:31:39	348.23	4.99	684.25	824.18	387.06	76.10	1596.61	95.2675	101.5094	47.0416	0.2869	1.2037	37.4857	0.3593
11:31:40	348.23	5.29	684.25	865.69	401.71	76.10	1616.44	101.9585	108.8747	47.6070	0.3076	1.2707	39.4780	0.3725
11:31:41	348.23	5.42	684.25	913.31	416.36	76.10	1623.05	107.5343	115.0186	48.2855	0.3295	1.3415	41.5507	0.3859
11:31:42	348.23	5.42	684.25	913.31	416.36	76.10	1623.05	107.5343	115.0186	48.2855	0.3515	1.4123	43.6233	0.3993
11:31:43	499.51	5.71	684.25	947.50	473.75	76.34	1663.22	112.9509	121.2866	48.8509	0.3746	1.4869	45.8449	0.4129
11:31:44	499.51	5.83	684.74	978.02	468.86	76.10	1663.22	119.1640	128.1760	48.9640	0.3990	1.5658	48.1260	0.4265
11:31:45	499.39	6.02	684.25	953.60	460.32	76.34	1667.29	119.1640	128.1760	48.9640	0.4235	1.6447	50.4070	0.4401
11:31:46	499.51	6.17	684.74	935.29	434.68	76.10	1671.36	123.6247	133.5324	50.2079	0.4600	1.7269	52.8741	0.4541
11:31:47	499.51	6.35	932.36	888.89	402.93	76.10	1684.07	127.6074	138.0472	50.0948	0.4977	1.8119	55.3862	0.4680
11:31:48	499.51	6.48	932.84	901.10	393.16	76.10	1694.24	124.4212	134.9398	50.3210	0.5346	1.8949	57.9924	0.4819
11:31:49	499.51	6.61	932.36	915.75	387.06	76.34	1703.90	122.0316	132.6000	50.4341	0.5709	1.9766	60.6672	0.4960
11:31:50	499.51	6.72	932.84	949.94	393.16	76.34	1703.90	115.9778	126.3199	50.7733	0.6054	2.0825	63.4384	0.5101
11:31:51	499.51	6.88	933.33	909.65	382.17	76.34	1695.76	117.5709	128.2787	51.2256	0.6405	2.1901	66.2927	0.5243
11:31:52	499.51	7.03	932.84	879.12	376.07	76.10	1721.70	119.4826	130.5853	51.4518	0.6762	2.2996	69.2167	0.5386
11:31:53	499.51	7.12	932.84	927.96	401.71	76.10	1734.92	123.9433	135.6620	51.4518	0.7133	2.4134	72.1909	0.5529
11:31:54	499.51	7.12	932.84	927.96	401.71	76.10	1734.92	118.6860	130.1809	51.1125	0.7489	2.5227	75.2157	0.5671
11:31:55	499.63	7.21	932.84	990.23	422.47	76.10	1727.29	114.7033	126.0639	51.6780	0.7834	2.6284	78.3418	0.5814
11:31:56	499.51	7.33	932.36	912.09	404.15	76.10	1713.05	121.0757	133.2242	52.3564	0.8199	2.7402	81.5493	0.5960
11:31:57	499.51	7.42	994.87	881.56	378.51	76.10	1746.10	121.0757	133.2242	52.3564	0.8563	2.8520	84.7569	0.6105
11:31:58	499.39	7.42	994.87	881.56	378.51	76.10	1746.10	129.2005	142.3244	52.2434	0.8952	2.9714	87.9961	0.6250
11:31:59	499.39	7.53	995.36	963.37	383.39	76.10	1750.17	119.0047	131.3009	51.6780	0.9311	3.0815	91.2541	0.6394
11:32:00	499.51	7.57	994.87	992.67	388.28	76.10	1750.17	115.0219	127.0560	52.6957	0.9659	3.1951	94.6169	0.6540
11:32:01	499.76	7.63	995.36	949.94	378.51	76.10	1740.51	115.0219	127.0559	52.6957	1.0006	3.3088	97.9797	0.6687
11:32:02	499.51	7.64	995.36	893.77	362.64	75.85	1750.17	125.6957	139.0523	52.6957	1.0386	3.4333	101.3939	0.6833
11:32:03	499.27	7.69	995.36	866.91	365.08	75.85	1758.31	129.5191	143.3480	52.8088	1.0778	3.5616	104.8314	0.6980
11:32:04	499.51	7.69	995.36	902.32	382.17	75.85	1769.49	123.9433	137.2820	52.4695	1.1154	3.6844	108.2732	0.7125
11:32:05	499.51	7.74	995.36	942.61	393.16	75.85	1762.37	116.6150	129.1848	52.8088	1.1507	3.8001	111.7425	0.7272
11:32:06	499.51	7.74	995.36	942.61	393.16	75.85	1762.37	113.1102	125.3918	53.0349	1.1850	3.9123	115.2517	0.7419
11:32:07	499.51	7.73	995.36	897.44	393.16	75.85	1768.48	117.7302	130.5135	53.4873	1.2207	4.0292	118.7908	0.7568
11:32:08	499.51	7.75	1057.39	888.89	389.50	75.85	1774.58	122.9874	136.4321	53.2611	1.2580	4.1513	122.3382	0.7716
11:32:09	499.63	7.72	1057.39	971.92	416.36	75.61	1793.90	122.9874	136.4321	53.2611	1.2953	4.2734	125.8856	0.7864
11:32:10	499.51	7.70	1057.39	1028.08	438.34	75.85	1791.36	117.0930	129.8734	53.3742	1.3308	4.3897	129.4352	0.8012
11:32:11	499.63	7.66	1057.39	1003.66	439.56	75.61	1783.73	115.9778	128.6627	53.6003	1.3660	4.5120	133.0070	0.8161
11:32:12	499.51	7.65	1057.39	949.94	422.47	75.61	1783.73	126.8109	140.6376	54.2788	1.4045	4.6458	136.6130	0.8312
11:32:13	499.51	7.62	1056.90	918.19	406.59	75.61	1786.78	134.1390	148.7192	54.0527	1.4452	4.7872	140.1932	0.8462
11:32:14	499.39	7.62	1056.90	918.19	406.59	75.61	1786.78	130.9529	145.1127	53.8265	1.4849	4.9252	143.7403	0.8611
11:32:15	499.51	7.54	1057.39	920.63	405.37	75.61	1803.56	123.9433	137.3240	53.9396	1.5224	5.0558	147.2894	0.8761
11:32:16	499.39	7.48	1057.39	1039.07	426.13	75.61	1815.26	119.8012	132.6874	53.9396	1.5587	5.1819	150.8258	0.8911
11:32:17	499.39	7.44	900.61	1101.34	446.89	75.85	1821.36	119.8012	132.6873	53.9396	1.5950	5.3080	154.3622	0.9061
11:32:18	499.39	7.37	900.61	1151.40	471.31	75.85	1820.34	120.1198	132.8976	54.5050	1.6313	5.4344	157.8973	0.9212
11:32:19	499.39	7.33	900.61	1169.72	484.74	75.61	1825.42	135.5729	149.8719	54.9573	1.6723	5.5769	161.4321	0.9365
11:32:20	499.51	7.26	901.10	1141.64	477.41	75.61	1828.98	143.6977	158.7725	55.0704	1.7157	5.7055	164.9558	0.9518
11:32:21	499.51	7.21	900.61	1133.09	473.75	75.61	1828.98	150.2294	165.8452	55.0704	1.7611	5.8398	168.4479	0.9671
11:32:22	499.51	7.14	900.61	1112.33	473.75	75.61	1828.98	152.6191	168.3799	55.1835	1.8071	5.9762	171.9251	0.9824
11:32:23	499.39	7.08	900.61	1089.13	463.98	75.61	1832.03	148.9550	164.1946	55.1835	1.8520	6.1093	175.3707	0.9978
11:32:24	499.51	7.02	900.61	1074.48	457.88	75.61	1832.03	147.8398	162.8653	55.1835	1.8966	6.2412	178.7940	1.0131
11:32:25	499.39	6.95	901.10	1085.47	454.21	75.61	1837.12	145.1315	159.7347	55.1835	1.9402	6.3706	182.1840	1.0284
11:32:26	499.39	6.95	901.10	1085.47	454.21	75.61	1837.12	142.1046	156.2832	55.2965	1.9830	6.4971	185.5531	1.0438
11:32:27	499.51	6.86	900.61	1101.34	456.65	75.61	1847.80	140.1929	154.0466	55.4096	2.0251	6.6219	188.8975	1.0592
11:32:28	499.51	6.81	747.25	1175.82	471.31	75.61	1855.93	141.6267	155.4946	55.4096	2.0676	6.7479	192.2120	1.0746
11:32:29	499.51	6.67	746.76	1299.15	501.83	75.85	1850.34	141.6267	155.4946	55.4096	2.1101	6.8739	195.5266	1.0899
11:32:30	499.51	6.67	746.76	1299.15	501.83	75.85	1850.34	143.6977	157.5747	55.6358	2.1532	7.0016	198.8098	1.1054
11:32:31	499.51	6.58	746.28	1181.93	478.63	75.61	1853.39	153.4156	168.1276	55.9750	2.1992	7.1145	202.0905	1.1209
11:32:32	499.39	6.49	746.76	1146.52	476.19	75.61	1860.00	169.5059	185.4186	55.8620	2.2499	7.2391	205.2971	1.1365
11:32:33	499.39	6.45	746.76	1169.72	482.30	75.61	1867.12	169.5059	185.4186	55.8620	2.3006	7.3636	208.5036	1.1520
11:32:34	499.39	6.45	746.76	1169.72	482.30	75.61	1867.12	154.2122	168.4730	56.0881	2.3467	7.4767	211.6760	1.1676
11:32:35	499.39	6.36	746.76	1196.58	495.73	75.85	1878.31	149.5922	163.2331	56.0881	2.3913	7.5863	214.8051	1.1831

11:32:36	499.51	6.32	746.76	1290.60	511.60	75.61	1874.75	152.6191	166.4505	56.3143	2.4368	7.6981	217.9279	1.1988
11:32:37	499.51	6.21	684.25	1175.82	489.62	75.61	1868.14	152.6191	166.4505	56.3143	2.4823	7.8099	221.0507	1.2144
11:32:38	499.51	6.17	684.25	1175.82	489.62	75.61	1868.14	156.1239	170.0809	56.6535	2.5288	7.9241	224.1504	1.2302
11:32:39	499.51	6.17	683.76	1128.20	478.63	75.61	1876.27	168.3908	183.3409	56.7666	2.5790	8.0472	227.2354	1.2459
11:32:40	499.51	6.11	684.74	1156.29	484.74	75.61	1881.36	153.4156	166.7962	56.5404	2.6246	8.1499	230.2549	1.2616
11:32:41	499.39	6.06	684.25	1192.92	496.95	75.61	1862.04	153.4156	166.7020	56.5404	2.6702	8.2524	233.2535	1.2773
11:32:42	499.51	6.01	684.25	1134.31	479.85	75.61	1859.49	147.2025	159.9509	56.6535	2.7139	8.3508	236.2580	1.2931
11:32:43	499.51	5.97	684.25	1043.96	463.98	75.61	1869.15	150.8667	163.8060	56.7666	2.7587	8.4517	239.2400	1.3088
11:32:44	499.63	5.92	684.25	1035.41	463.98	75.61	1869.15	155.6460	168.8911	56.3143	2.8049	8.5556	242.1756	1.3245
11:32:45	499.51	5.84	684.25	1108.67	461.54	75.61	1875.76	147.9991	160.4780	56.2012	2.8488	8.6544	245.0788	1.3401
11:32:46	499.51	5.84	684.25	1108.67	461.54	75.61	1875.76	136.2102	147.6343	56.3143	2.8892	8.7452	247.9727	1.3557
11:32:47	499.51	5.83	684.25	1144.08	463.98	75.61	1872.20	135.0950	146.3203	56.4273	2.9292	8.8353	250.8459	1.3714
11:32:48	499.51	5.80	622.22	1151.40	463.98	75.61	1869.66	144.6536	156.5121	56.6535	2.9720	8.9316	253.6926	1.3872
11:32:49	499.51	5.77	622.22	1086.69	449.33	75.61	1862.54	144.6536	156.5121	56.6535	3.0148	9.0279	256.5392	1.4029
11:32:50	499.51	5.76	621.73	1019.54	439.56	75.85	1864.07	149.2736	161.4776	56.4273	3.0590	9.1272	259.3669	1.4186
11:32:51	499.39	5.72	621.73	1012.21	432.23	75.85	1865.59	150.2294	162.4615	56.6535	3.1034	9.2182	262.1946	1.4343
11:32:52	499.63	5.70	621.73	1024.42	435.90	75.61	1868.65	141.7860	153.2675	56.3143	3.1453	9.3039	264.9901	1.4499
11:32:53	499.51	5.66	622.22	1098.90	471.31	75.61	1874.75	133.0240	143.7737	56.3143	3.1846	9.3843	267.7800	1.4656
11:32:54	499.51	5.66	622.22	1098.90	471.31	75.61	1874.75	132.0681	142.6745	56.4273	3.2236	9.4641	270.5585	1.4813
11:32:55	499.51	5.65	622.22	1168.50	483.52	75.61	1875.76	133.6612	144.3584	56.3143	3.2631	9.5448	273.3219	1.4969
11:32:56	499.51	5.61	621.73	1156.29	489.62	75.85	1871.19	143.3791	154.7664	56.5404	3.3055	9.6314	276.0755	1.5126
11:32:57	499.51	5.61	600.24	1128.20	488.40	75.85	1871.19	143.3791	154.7664	56.5404	3.3478	9.7180	278.8291	1.5283
11:32:58	499.51	5.61	600.24	1128.20	488.40	75.85	1871.19	152.4598	164.5429	56.5404	3.3928	9.8101	281.5771	1.5440
11:32:59	499.51	5.59	600.24	1057.39	461.54	75.61	1871.70	150.8667	162.7397	56.5404	3.4373	9.9011	284.3060	1.5597
11:33:00	499.51	5.55	600.24	1063.49	460.32	75.61	1871.70	147.2025	158.7872	56.5404	3.4807	9.9868	287.0349	1.5754
11:33:01	499.51	5.55	600.24	1063.49	460.32	75.61	1871.70	147.2025	158.7872	56.5404	3.5241	10.0725	289.7639	1.5911
11:33:02	394.87	5.53	600.24	1119.66	468.86	75.61	1876.27	137.9626	148.7818	56.5404	3.5648	10.1528	292.4833	1.6068
11:33:03	394.87	5.53	599.76	1153.85	472.53	75.61	1877.29	138.7591	149.5638	56.5404	3.6057	10.2336	295.1838	1.6226
11:33:04	394.87	5.53	599.76	1153.85	472.53	75.61	1877.29	138.7591	149.5638	56.5404	3.6466	10.3143	297.8842	1.6383
11:33:05	394.87	5.48	600.24	1098.90	487.18	76.10	1866.61	146.0874	157.3758	56.6535	3.6807	10.3993	300.5767	1.6540
11:33:06	394.75	5.46	600.24	1019.54	505.49	76.10	1862.04	150.5480	162.1811	56.7666	3.7157	10.4867	303.2746	1.6698
11:33:07	394.75	5.46	576.31	991.45	472.53	75.85	1859.49	150.5480	162.1811	56.7666	3.7508	10.5742	305.9725	1.6855
11:33:08	394.87	5.46	576.31	974.36	446.89	76.10	1859.49	143.3791	154.3707	56.3143	3.7842	10.6576	308.6281	1.7012
11:33:09	394.87	5.42	576.31	952.38	427.35	75.85	1859.49	133.0240	143.1849	56.3143	3.8151	10.7348	311.2743	1.7168
11:33:10	394.87	5.42	576.31	952.38	427.35	75.85	1859.49	129.3598	139.2408	56.2012	3.8452	10.8070	313.9151	1.7324
11:33:11	394.87	5.39	576.31	1001.22	431.01	76.10	1864.58	127.1295	136.8402	56.2012	3.8748	10.8779	316.5559	1.7480
11:33:12	288.28	5.39	576.31	1001.22	431.01	76.10	1864.58	124.2619	133.6847	56.2012	3.9037	10.9472	319.1779	1.7637
11:33:13	288.28	5.36	576.31	1112.33	468.86	76.10	1871.19	124.2619	133.6847	56.2012	3.9326	11.0165	321.7998	1.7793
11:33:14	288.28	5.34	576.31	1175.82	521.37	76.10	1873.22	130.6343	140.4824	56.3143	3.9630	11.0893	324.4119	1.7949
11:33:15	288.28	5.31	576.80	1192.92	533.58	76.10	1874.75	130.6343	140.4550	56.3143	3.9851	11.1621	327.0240	1.8106
11:33:16	288.28	5.30	576.31	1207.57	515.26	76.10	1873.73	145.1315	155.9697	56.4273	4.0097	11.2430	329.6243	1.8262
11:33:17	288.28	5.28	550.43	1202.69	515.26	76.10	1872.20	153.4156	164.8299	56.5404	4.0358	11.3284	332.2203	1.8419
11:33:18	288.28	5.28	549.94	1202.69	515.26	76.10	1872.20	155.6460	167.1745	56.6535	4.0621	11.4151	334.8101	1.8577
11:33:19	288.28	5.28	550.43	1168.50	481.07	76.10	1874.24	157.5577	169.2017	56.5404	4.0888	11.5028	337.3890	1.8734
11:33:20	288.28	5.25	550.92	1131.87	483.52	76.10	1874.24	156.9205	168.4653	56.6535	4.1154	11.5862	339.9617	1.8891
11:33:21	288.28	5.25	550.43	1119.66	489.62	76.10	1871.19	156.9205	168.4653	56.6535	4.1420	11.6695	342.5343	1.9048
11:33:22	288.28	5.25	550.43	1119.66	489.62	76.10	1871.19	152.4598	163.6764	56.6535	4.1679	11.7505	345.1070	1.9206
11:33:23	219.29	5.22	550.43	1096.46	460.32	76.10	1872.20	147.6805	158.4801	56.5404	4.1929	11.8291	347.6593	1.9363
11:33:24	219.29	5.21	550.43	1133.09	451.77	76.10	1875.76	146.0874	156.7705	56.5404	4.2176	11.9067	350.2116	1.9520
11:33:25	219.29	5.21	550.43	1133.09	451.77	76.10	1875.76	146.0874	156.7705	56.5404	4.2424	11.9843	352.7639	1.9677
11:33:26	219.29	5.21	549.94	1188.03	476.19	76.10	1875.76	143.0605	153.4475	56.5404	4.2608	12.0602	355.3030	1.9834
11:33:27	219.29	5.19	550.43	1167.28	487.18	76.10	1875.76	147.8398	158.5492	56.6535	4.2798	12.1387	357.8414	1.9991
11:33:28	219.29	5.19	550.43	1167.28	479.85	76.10	1873.22	147.8398	158.5492	56.6535	4.2989	12.2172	360.3798	2.0149
11:33:29	219.29	5.16	526.50	1097.68	460.32	76.10	1870.17	155.0087	166.2375	56.7666	4.3188	12.2994	362.9232	2.0306
11:33:30	219.29	5.14	526.98	1064.71	454.21	76.10	1869.15	152.3005	163.2825	56.6535	4.3384	12.3802	365.4502	2.0464
11:33:31	219.29	5.14	526.98	1064.71	454.21	76.10	1869.15	152.3005	163.2825	56.5404	4.3580	12.4611	367.9721	2.0621
11:33:32	175.70	5.13	526.01	1036.63	445.67	76.10	1872.71	143.2198	153.4996	56.4273	4.3765	12.5338	370.4777	2.0778
11:33:33	175.70	5.13	526.01	1036.63	445.67	76.10	1872.71	138.9184	148.8511	56.4273	4.3943	12.6043	372.9737	2.0934
11:33:34	175.70	5.13	526.01	1062.27	452.99	76.10	1873.73	138.9184	148.8511	56.4273	4.4122	12.6748	375.4698	2.1091
11:33:35	175.70	5.11	526.01	1139.19	456.65	76.10	1878.31	135.2543	144.8910	56.6535	4.4261	12.7434	377.9701	2.1249
11:33:36	175.70	5.11	526.01	1163.61	462.76	76.10	1877.29	135.2543	144.8910	56.6535	4.4401	12.8119	380.4704	2.1406
11:33:37	175.70	5.11	526.01	1137.97	465.20	76.10	1874.24	138.5998	148.4748	56.6535	4.4544	12.8822	382.9708	2.1563
11:33:38	175.70	5.11	520.63	1072.04	465.20	76.10	1874.24	148.6363	159.1772	56.6535	4.4697	12.9575	385.4597	2.1721
11:33:39	175.70	5.11	520.63	1072.04	470.09	75.85	1871.70	151.8225	162.5893	56.6535	4.4853	13.0344	387.9486	2.1878
11:33:40	175.70	5.07	520.63	1028.08	455.43	76.10	1872.71	148.4770	159.0066	56.6535	4.5006	13.1096	390.4376	2.2035
11:33:41	175.70	5.07	520.63	1028.08	455.43	76.10	1872.71	139.8743	149.7938	56.6535	4.5150	13.1797	392.9265	2.2193
11:33:42	175.70	5.07	520.63	1019.54	456.65	76.10	1872.71	139.8743	149.7938	56.5404	4.5294	13.2499	395.4104	2.2350

11:33:43	156.41	5.06	520.63	1031.75	474.97	76.10	1876.27	134.1390	143.5851	56.5404	4.5432	13.3171	397.8773	2.2507
11:33:44	156.41	5.08	520.63	1086.69	471.31	76.10	1874.75	134.1390	143.5851	56.5404	4.5570	13.3843	400.3442	2.2664
11:33:45	156.41	5.06	520.63	1070.82	456.65	76.10	1872.20	133.0240	142.3915	56.6535	4.5707	13.4510	402.8160	2.2821
11:33:46	156.29	5.06	520.15	1051.28	461.54	76.10	1872.20	134.6171	144.0694	56.6535	4.5831	13.5185	405.2821	2.2979
11:33:47	156.41	5.06	520.63	1035.41	460.32	76.10	1872.20	141.7860	151.7730	56.6535	4.5961	13.5895	407.7558	2.3136
11:33:48	156.29	5.06	514.29	1052.50	452.99	76.10	1872.20	139.7150	149.5330	56.6535	4.6089	13.6595	410.2237	2.3293
11:33:49	156.29	5.06	514.77	1052.50	450.55	76.10	1873.73	137.1660	146.8049	56.5404	4.6214	13.7282	412.6868	2.3450
11:33:50	156.29	5.06	514.77	1052.50	450.55	76.10	1873.73	135.0950	144.5884	56.6535	4.6338	13.7959	415.1548	2.3608
11:33:51	156.29	5.06	514.29	1056.17	445.67	76.10	1873.73	137.3253	146.9754	56.5404	4.6464	13.8639	417.6179	2.3765
11:33:52	140.90	5.05	514.77	1089.13	440.78	76.10	1873.73	137.3253	146.9754	56.4273	4.6590	13.9319	420.0760	2.3922
11:33:53	141.03	5.05	514.29	1112.33	444.44	76.10	1873.73	137.3253	146.9754	56.4273	4.6716	14.0000	422.5342	2.4078
11:33:54	141.03	5.05	514.29	1112.33	444.44	76.10	1873.73	137.8033	147.4869	56.6535	4.6842	14.0682	425.0022	2.4236
11:33:55	141.03	5.05	514.77	1106.23	456.65	76.10	1872.71	142.1046	152.0549	56.6535	4.6959	14.1386	427.4625	2.4393
11:33:56	140.90	5.05	514.29	1097.68	467.64	76.10	1870.68	145.1315	155.2937	56.5404	4.7079	14.2104	429.9180	2.4550
11:33:57	141.03	5.05	511.84	1068.38	460.32	76.10	1870.68	145.1315	155.2937	56.5404	4.7199	14.2822	432.3735	2.4707
11:33:58	141.03	5.05	512.33	1054.94	460.32	76.10	1870.68	144.3350	154.4414	56.6535	4.7318	14.3537	434.8339	2.4865
11:33:59	141.03	5.05	512.33	1054.94	452.99	76.10	1870.68	143.2198	153.2481	56.4273	4.7436	14.4246	437.2844	2.5021
11:34:00	141.03	5.05	511.84	1056.17	452.99	76.10	1872.20	139.3964	149.1570	56.5404	4.7552	14.4933	439.7399	2.5178
11:34:01	141.03	5.05	511.84	1084.25	466.42	76.10	1873.22	137.6439	147.2819	56.5404	4.7665	14.5611	442.1954	2.5335
11:34:02	141.03	5.04	511.84	1120.88	481.07	76.10	1874.24	137.6439	147.2819	56.4273	4.7779	14.6290	444.6459	2.5492
11:34:03	127.96	5.05	511.84	1157.51	498.17	76.10	1874.24	137.8033	147.4523	56.4273	4.7893	14.6969	447.0965	2.5649
11:34:04	127.84	5.04	511.84	1155.07	495.73	76.10	1874.24	141.4674	151.3730	56.5404	4.8010	14.7666	449.5519	2.5806
11:34:05	127.96	5.04	512.33	1157.51	467.64	76.10	1871.70	146.2467	156.4628	56.5404	4.8130	14.8386	452.0017	2.5963
11:34:06	127.96	5.04	511.84	1157.51	467.64	76.10	1871.70	151.0260	161.6054	56.6535	4.8244	14.9130	454.4640	2.6120
11:34:07	127.96	5.04	511.84	1135.53	473.75	76.10	1870.68	150.7074	161.2395	56.5404	4.8357	14.9872	456.9157	2.6277
11:34:08	127.96	5.04	510.38	1124.54	484.74	76.34	1868.65	151.0260	161.5804	56.6535	4.8470	15.0616	459.3723	2.6435
11:34:09	127.96	5.04	510.38	1073.26	477.41	76.10	1868.65	151.0260	161.5804	56.6535	4.8583	15.1360	461.8288	2.6592
11:34:10	127.84	5.04	510.38	1052.50	468.86	76.34	1870.17	148.1584	158.5124	56.4273	4.8694	15.2090	464.2756	2.6749
11:34:11	127.96	5.04	509.89	1034.19	460.32	76.34	1871.70	146.7246	156.9784	56.5404	4.8804	15.2810	466.7273	2.6906
11:34:12	127.96	5.04	510.38	1075.70	459.10	76.10	1871.70	140.0336	149.8198	56.4273	4.8909	15.3498	469.1740	2.7063
11:34:13	128.94	5.04	510.38	1106.23	462.76	76.10	1873.22	137.3253	146.9222	56.4273	4.9012	15.4172	471.6208	2.7220
11:34:14	129.06	5.04	510.38	1106.23	462.76	76.10	1873.22	134.9357	144.3656	56.6535	4.9113	15.4834	474.0774	2.7377
11:34:15	129.06	5.05	509.89	1105.01	481.07	76.10	1873.22	140.3522	150.1607	56.4273	4.9218	15.5524	476.5242	2.7534
11:34:16	128.94	5.04	509.89	1092.80	500.61	76.10	1872.20	144.3350	154.4221	56.5404	4.9327	15.6232	478.9758	2.7691
11:34:17	129.06	5.06	509.89	1070.82	483.52	76.34	1872.20	144.3350	154.4221	56.5404	4.9436	15.6941	481.4275	2.7848
11:34:18	129.06	5.04	512.33	1054.94	478.63	76.10	1872.20	144.1757	154.2755	56.6535	4.9545	15.7649	483.8898	2.8005
11:34:19	129.06	5.04	512.33	1073.26	492.06	76.10	1873.22	142.5826	152.5472	56.6535	4.9653	15.8348	486.3464	2.8162
11:34:20	129.06	5.04	511.84	1151.40	474.97	76.34	1871.70	139.7150	149.5101	56.6535	4.9759	15.9034	488.8106	2.8320
11:34:21	129.06	5.04	511.84	1151.40	474.97	76.10	1871.70	137.6439	147.2710	56.5404	4.9863	15.9712	491.2641	2.8477
11:34:22	124.54	5.04	511.84	1095.24	468.86	76.10	1872.71	140.0336	149.8278	56.6535	4.9969	16.0403	493.7226	2.8634
11:34:23	124.54	5.04	511.84	1094.02	473.75	76.34	1871.70	150.2294	160.7368	56.6535	5.0082	16.1143	496.1811	2.8792
11:34:24	124.54	5.04	511.84	1087.91	468.86	76.10	1873.22	150.2294	160.7368	56.5404	5.0196	16.1882	498.6347	2.8949
11:34:25	124.54	5.04	511.84	1087.91	468.86	76.10	1873.22	142.9012	152.8947	56.5404	5.0300	16.2586	501.0882	2.9106
11:34:26	124.42	5.04	512.33	1130.65	484.74	76.34	1871.70	142.7419	152.7243	56.4273	5.0404	16.3289	503.5369	2.9263
11:34:27	124.54	5.04	512.33	1130.65	484.74	76.34	1871.70	141.9453	151.8720	56.6535	5.0508	16.3988	505.9954	2.9420
11:34:28	124.54	5.04	511.84	1114.77	490.84	76.10	1871.70	141.9453	151.8720	56.6535	5.0611	16.4688	508.4538	2.9577
11:34:29	124.42	5.03	511.84	1102.56	481.07	76.34	1872.71	147.5212	157.8377	56.6535	5.0719	16.5415	510.9123	2.9735
11:34:30	124.54	5.04	511.84	1073.26	446.89	76.34	1872.71	147.5212	157.8378	56.6535	5.0826	16.6142	513.3708	2.9892
11:34:31	124.54	5.03	511.84	1069.60	446.89	76.10	1873.73	145.4501	155.6219	56.4273	5.0932	16.6858	515.8195	3.0049
11:34:32	121.00	5.03	512.33	1070.82	450.55	76.34	1873.73	143.8570	153.8856	56.6535	5.1037	16.7567	518.2703	3.0206
11:34:33	121.00	5.03	511.84	1073.26	448.11	76.34	1874.75	140.0336	149.8189	56.6535	5.1139	16.8256	520.7269	3.0363
11:34:34	121.00	5.01	512.33	1078.14	448.11	76.10	1874.75	139.5557	149.2844	56.6535	5.1241	16.8944	523.1778	3.0521
11:34:35	121.00	5.01	512.33	1091.57	443.22	76.34	1874.75	139.7150	149.4539	56.6535	5.1340	16.9632	525.6286	3.0678
11:34:36	121.00	5.01	512.33	1091.57	443.22	76.34	1874.75	140.0336	149.7947	56.6535	5.1439	17.0322	528.0795	3.0836
11:34:37	121.00	5.00	512.33	1076.92	468.86	76.34	1874.75	140.6708	150.4453	56.5404	5.1539	17.1015	530.5179	3.0993
11:34:38	121.00	5.00	510.38	1095.24	476.19	76.34	1876.27	142.4232	152.3195	56.6535	5.1640	17.1717	532.9612	3.1150
11:34:39	121.00	5.00	510.38	1095.24	476.19	76.34	1876.27	142.4232	152.3195	56.6535	5.1741	17.2419	535.4044	3.1307
11:34:40	121.00	5.00	510.38	1085.47	467.64	76.10	1876.27	140.5115	150.2517	56.6535	5.1840	17.3111	537.8420	3.1465
11:34:41	121.00	5.00	509.89	1070.82	468.86	76.34	1873.73	142.9012	152.8070	56.5404	5.1942	17.3812	540.2746	3.1622
11:34:42	121.00	5.02	510.38	1059.83	477.41	76.34	1873.73	142.9012	152.8070	56.6535	5.2043	17.4514	542.7122	3.1779
11:34:43	113.19	5.02	510.38	1076.92	462.76	76.34	1871.19	141.6267	151.4441	56.7666	5.2143	17.5209	545.1546	3.1937
11:34:44	113.19	5.02	510.38	1050.06	449.33	76.34	1872.20	139.7150	149.3999	56.5404	5.2242	17.5894	547.5873	3.2094
11:34:45	113.06	5.01	510.38	1018.31	435.90	76.34	1871.19	138.2812	147.9049	56.4273	5.2340	17.6573	550.0246	3.2251
11:34:46	113.06	4.99	510.38	1018.31	435.90	76.34	1871.19	140.5115	150.2883	56.6535	5.2433	17.7263	552.4716	3.2408
11:34:47	113.06	4.99	509.89	1039.07	456.65	76.10	1873.22	137.0066	146.5395	56.5404	5.2524	17.7935	554.9138	3.2565
11:34:48	113.19	5.00	509.89	1067.16	455.43	76.34	1875.26	132.8645	142.0798	56.4273	5.2612	17.8587	557.3435	3.2722
11:34:49	113.19	4.99	507.94	1081.81	452.99	76.10	1868.65	132.8645	142.0505	56.4273	5.2700	17.9239	559.7657	3.2879

11:34:50	113.19	4.99	507.94	1078.14	454.21	76.34	1868.65	135.5729	144.9462	56.5404	5.2790	17.9904	562.1926	3.3036
11:34:51	113.19	4.99	508.42	1057.39	454.21	76.34	1872.20	139.2371	148.8867	56.6535	5.2882	18.0587	564.6302	3.3193
11:34:52	113.19	5.01	507.94	1065.93	457.88	76.10	1872.20	141.1488	150.8998	56.3143	5.2976	18.1276	567.0456	3.3349
11:34:53	112.70	4.98	508.42	1131.87	473.75	76.10	1873.73	140.6708	150.3888	56.5404	5.3069	18.1963	569.4707	3.3506
11:34:54	112.70	5.00	508.42	1148.96	473.75	76.10	1873.73	137.9626	147.4934	56.5404	5.3160	18.2637	571.8957	3.3664
11:34:55	112.70	5.00	508.42	1148.96	476.19	76.34	1873.73	139.0777	148.7240	56.6535	5.3252	18.3317	574.3352	3.3821
11:34:56	112.70	5.00	508.42	1131.87	484.74	76.10	1873.73	147.6805	157.8744	56.5404	5.3350	18.4039	576.7584	3.3978
11:34:57	112.70	5.00	507.94	1130.65	485.96	76.10	1874.75	149.9108	160.3001	56.5404	5.3449	18.4772	579.1911	3.4135
11:34:58	112.70	5.00	518.19	1126.98	479.85	76.10	1876.27	149.9108	160.3001	56.6535	5.3548	18.5505	581.6286	3.4292
11:34:59	112.70	5.00	518.68	1105.01	482.30	76.10	1876.27	147.6805	157.9152	56.6535	5.3645	18.6227	584.0662	3.4450
11:35:00	112.70	5.00	518.68	1086.69	492.06	76.34	1878.81	147.5212	157.7448	56.6535	5.3742	18.6947	586.5037	3.4607
11:35:01	112.70	5.00	518.68	1107.45	492.06	76.34	1877.80	147.0432	157.2338	56.7666	5.3839	18.7680	588.9461	3.4765
11:35:02	112.70	5.00	518.68	1102.56	478.63	76.34	1873.73	144.1757	154.1674	56.7666	5.3934	18.8399	591.3885	3.4923
11:35:03	118.44	5.00	518.68	1094.02	481.07	76.34	1873.73	141.7860	151.6122	56.6535	5.4028	18.9106	593.8261	3.5080
11:35:04	118.44	5.01	518.19	1063.49	456.65	76.34	1871.19	144.4943	154.5081	56.7666	5.4123	18.9827	596.2685	3.5238
11:35:05	118.44	5.01	518.19	1063.49	456.65	76.10	1867.12	143.8570	153.8267	56.6535	5.4218	19.0545	598.7060	3.5395
11:35:06	118.44	4.99	518.68	1053.72	451.77	76.34	1867.12	142.7419	152.6359	56.4273	5.4317	19.1257	601.1339	3.5552
11:35:07	118.44	5.01	518.19	1048.84	443.22	76.34	1865.59	138.7591	148.4000	56.4273	5.4413	19.1948	603.5674	3.5708
11:35:08	118.44	5.01	527.96	1015.87	439.56	76.34	1866.61	138.7591	148.4000	56.3143	5.4510	19.2640	605.9960	3.5865
11:35:09	118.44	5.01	527.96	1004.88	452.99	76.10	1864.58	137.4846	146.9991	56.4273	5.4605	19.3325	608.4200	3.6022
11:35:10	118.44	4.99	527.96	1002.44	445.67	76.34	1864.58	136.8474	146.3480	56.3143	5.4700	19.4008	610.8467	3.6178
11:35:11	118.44	4.99	527.96	984.13	432.23	76.10	1863.56	132.5459	141.7478	56.3143	5.4792	19.4681	613.2735	3.6334
11:35:12	119.54	5.00	527.96	992.67	432.23	76.34	1865.59	131.1122	140.2146	56.3143	5.4883	19.5346	615.7002	3.6491
11:35:13	119.54	5.00	527.96	992.67	437.12	76.10	1866.61	130.7936	139.8306	56.2012	5.4973	19.6010	618.1108	3.6647
11:35:14	119.41	5.00	527.96	1031.75	452.99	76.34	1865.59	128.4040	137.2758	56.3143	5.5062	19.6662	620.5261	3.6803
11:35:15	119.54	5.00	528.45	1096.46	481.07	76.34	1867.63	129.5191	138.4898	56.3143	5.5153	19.7320	622.9472	3.6960
11:35:16	119.54	5.00	528.45	1122.10	510.38	76.34	1869.15	129.5191	138.4898	56.2012	5.5244	19.7977	625.3634	3.7116
11:35:17	119.54	4.98	527.96	1124.54	526.25	76.34	1870.68	134.6171	143.9407	56.3143	5.5338	19.8661	627.7845	3.7272
11:35:18	119.54	4.97	522.10	1192.92	520.15	76.58	1873.73	143.0605	152.9690	56.4273	5.5438	19.9388	630.2104	3.7429
11:35:19	119.54	4.97	522.10	1192.92	520.15	76.58	1876.27	146.4060	156.5462	56.4273	5.5540	20.0132	632.6363	3.7586
11:35:20	119.41	4.98	522.10	1180.71	477.41	76.34	1876.27	146.7246	156.8464	56.4273	5.5643	20.0876	635.0527	3.7743
11:35:21	119.41	4.98	522.59	1114.77	463.98	76.34	1873.22	155.6460	166.3575	56.6535	5.5752	20.1657	637.4732	3.7900
11:35:22	119.41	4.98	522.59	1114.77	463.98	76.34	1873.22	155.6460	166.3575	56.6535	5.5861	20.2439	639.8936	3.8057
11:35:23	120.51	4.98	522.10	1090.35	451.77	76.58	1872.20	154.0529	164.6802	56.5404	5.5968	20.3212	642.3149	3.8214
11:35:24	120.51	4.98	522.10	1090.35	451.77	76.58	1870.68	145.4501	155.4840	56.5404	5.6070	20.3943	644.7362	3.8371
11:35:25	120.51	4.98	522.10	1025.64	449.33	76.34	1869.66	145.4501	155.4840	56.5404	5.6172	20.4673	647.1575	3.8529
11:35:26	120.51	4.97	522.59	1067.16	468.86	76.34	1871.19	142.2639	152.0783	56.5404	5.6272	20.5387	649.5787	3.8686
11:35:27	120.51	4.97	522.59	1067.16	468.86	76.34	1871.19	142.2639	152.0783	56.5404	5.6372	20.6101	652.0000	3.8843
11:35:28	120.51	4.96	517.22	1114.77	455.43	76.58	1872.71	133.8204	143.0523	56.4273	5.6467	20.6773	654.4165	3.8999
11:35:29	120.51	4.96	516.73	1134.31	443.22	76.58	1874.24	139.2371	148.8196	56.5404	5.6565	20.7473	656.8321	3.9156
11:35:30	120.51	4.96	516.73	1134.31	443.22	76.58	1874.24	139.2371	148.8196	56.5404	5.6663	20.8172	659.2477	3.9314
11:35:31	120.51	4.96	516.24	1103.79	454.21	76.34	1874.24	145.4501	155.4362	56.5404	5.6766	20.8895	661.6576	3.9471
11:35:32	120.51	4.96	516.24	1103.79	462.76	76.34	1875.26	147.9991	158.1602	56.6535	5.6870	20.9630	664.0723	3.9628
11:35:33	116.36	4.96	516.73	1078.14	472.53	76.34	1875.26	147.9991	158.1602	56.6535	5.6974	21.0365	666.4870	3.9785
11:35:34	116.48	4.94	516.24	1070.82	449.33	76.34	1872.71	144.0164	153.9040	56.5404	5.7076	21.1079	668.8969	3.9942
11:35:35	116.48	4.94	516.24	1070.82	449.33	76.34	1872.71	144.0164	153.9040	56.7666	5.7178	21.1794	671.3164	4.0100
11:35:36	116.48	4.93	516.24	1098.90	457.88	76.34	1871.70	140.6708	150.3276	56.6535	5.7273	21.2493	673.7311	4.0257
11:35:37	116.48	4.93	516.24	1098.90	457.88	76.34	1872.71	139.7150	149.2830	56.6535	5.7369	21.3186	676.1401	4.0415
11:35:38	116.48	4.91	518.19	1086.69	459.10	76.34	1873.73	139.7150	149.2830	56.6535	5.7464	21.3879	678.5491	4.0572
11:35:39	116.36	4.92	518.68	1087.91	444.44	76.34	1873.73	143.3791	153.1744	56.6535	5.7561	21.4590	680.9524	4.0730
11:35:40	116.48	4.91	518.68	1108.67	439.56	76.34	1875.26	143.3791	153.1744	56.6535	5.7659	21.5301	683.3557	4.0887
11:35:41	116.48	4.92	518.68	1141.64	444.44	76.10	1876.27	141.7860	151.4334	56.5404	5.7756	21.6007	685.7447	4.1044
11:35:42	116.48	4.92	518.68	1151.40	450.55	76.10	1878.31	141.9453	151.6270	56.7666	5.7852	21.6714	688.1490	4.1202
11:35:43	120.51	4.92	518.68	1142.86	446.89	76.10	1858.48	144.6536	154.4960	56.6535	5.7951	21.7435	690.5428	4.1359
11:35:44	120.51	4.91	518.19	1041.51	431.01	76.10	1800.51	148.9550	159.1147	56.6535	5.8052	21.8177	692.9423	4.1516
11:35:45	120.51	4.91	518.68	882.78	393.16	76.34	1719.66	150.2294	160.4762	56.7666	5.8155	21.8926	695.3466	4.1674
11:35:46	120.51	4.91	518.68	655.68	346.76	76.34	1649.49	149.1143	159.2861	56.2012	5.8260	21.9669	697.7269	4.1830
11:35:47	120.51	4.91	518.68	564.10	313.80	76.10	1606.27	135.8915	145.1389	54.3919	5.8356	22.0345	700.0251	4.1981
11:35:48	120.51	4.92	520.15	493.28	280.83	76.10	1559.49	115.1812	123.0192	51.7910	5.8437	22.0919	702.2134	4.2125
11:35:49	120.51	4.92	520.63	409.04	239.32	76.34	1470.00	85.5495	91.3711	49.6425	5.8497	22.1345	704.3110	4.2263
11:35:50	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	73.6013	78.6098	48.5117	5.8549	22.1712	706.3607	4.2398
11:35:51	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	64.3613	68.7517	47.0416	5.8594	22.2033	708.3531	4.2528
11:35:52	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	53.3689	57.0094	44.2146	5.8632	22.2300	710.2258	4.2651
11:35:53	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8665	22.2534	711.9931	4.2767
11:35:54	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8698	22.2769	713.7604	4.2883
11:35:55	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8731	22.3003	715.5277	4.2999
11:35:56	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8764	22.3237	717.2950	4.3115

11:35:57	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8797	22.3472	719.0622	4.3231
11:35:58	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8830	22.3706	720.8295	4.3347
11:35:59	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8863	22.3940	722.5968	4.3463
11:36:00	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8896	22.4174	724.3641	4.3579
11:36:01	120.51	4.92	520.63	358.97	208.79	76.34	1381.53	46.8372	50.0322	41.7268	5.8929	22.4409	726.1314	4.3694
11:36:02	118.44	4.94	518.68	159.95	91.58	76.34	784.07	46.8372	50.0322	41.7268	5.8962	22.4643	727.8987	4.3810
11:36:03	113.19	4.94	518.68	139.19	84.25	76.34	821.70	46.8372	50.0322	41.7268	5.8995	22.4877	729.6660	4.3926
11:36:04	113.19	4.94	518.19	129.43	80.59	76.34	808.48	46.8372	50.0322	41.7268	5.9028	22.5111	731.4333	4.4042
11:36:05	113.19	4.94	518.68	124.54	76.92	76.58	725.08	20.8696	22.2989	23.5208	5.9042	22.5215	732.4334	4.4108
11:36:06	113.19	4.94	518.19	113.55	74.48	76.58	742.37	18.1614	19.4050	24.7647	5.9054	22.5306	733.4865	4.4176
11:36:07	113.19	4.93	518.19	109.89	72.04	76.58	795.25	16.8869	18.0432	24.4255	5.9066	22.5390	734.5251	4.4244
11:36:08	113.19	4.92	518.68	107.45	69.60	76.58	739.83	16.2496	17.3623	21.7115	5.9076	22.5471	735.4483	4.4304
11:36:09	113.19	4.92	516.73	103.79	67.16	76.34	665.59	14.8158	15.8304	19.5630	5.9086	22.5545	736.2801	4.4359
11:36:10	113.06	4.90	516.73	103.79	69.60	76.34	747.46	14.3379	15.3173	17.6406	5.9096	22.5616	737.0285	4.4408
11:36:11	113.19	4.86	516.24	106.23	75.70	76.34	744.41	14.0193	14.9746	16.1706	5.9105	22.5686	737.7128	4.4453
11:36:12	113.19	4.81	516.73	107.45	75.70	76.58	744.41	13.5413	14.4641	13.4566	5.9114	22.5753	738.2823	4.4490
11:36:13	104.15	4.75	516.24	118.44	74.48	76.58	714.92	13.5413	14.4604	14.0220	5.9123	22.5820	738.8734	4.4529
11:36:14	104.15	4.67	516.73	116.00	72.04	76.58	702.71	13.8600	14.7922	14.2482	5.9132	22.5889	739.4687	4.4569
11:36:15	104.15	4.60	516.73	111.11	72.04	76.58	694.58	14.0193	14.9522	13.9089	5.9141	22.5959	740.0438	4.4607
11:36:16	104.15	4.48	516.24	109.89	70.82	76.58	701.70	15.4531	16.4684	8.8203	5.9151	22.6035	740.4040	4.4632
11:36:17	104.15	4.39	516.73	119.66	70.82	76.58	686.44	15.1345	16.1114	6.8979	5.9160	22.6110	740.6809	4.4651
11:36:18	104.15	4.24	517.22	126.98	70.82	76.58	684.92	14.4972	15.4202	4.9756	5.9169	22.6182	740.8779	4.4665
11:36:19	104.15	4.13	328.21	118.44	67.16	76.58	681.36	14.3379	15.2264	3.3924	5.9177	22.6252	741.0087	4.4674
11:36:20	104.15	4.03	327.72	109.89	64.71	76.58	681.36	15.6124	16.5601	1.9224	5.9187	22.6329	741.0813	4.4680
11:36:21	104.15	3.85	328.21	102.56	65.93	76.58	681.36	16.5683	17.5376	1.5831	5.9197	22.6411	741.1390	4.4684
11:36:22	104.15	3.76	328.21	102.56	65.93	76.58	680.34	15.4531	16.3335	1.0177	5.9206	22.6459	741.1752	4.4687
11:36:23	92.67	3.66	327.72	106.23	67.16	76.82	680.34	14.3379	15.1344	0.5654	5.9215	22.6504	741.1947	4.4688
11:36:24	92.67	3.49	327.72	113.55	67.16	76.82	680.34	13.3820	14.0933	0.1131	5.9223	22.6545	741.1985	4.4689
11:36:25	92.67	3.37	327.72	113.55	75.70	76.82	680.34	13.3820	14.0765	0.1131	5.9231	22.6587	741.2022	4.4689
11:36:26	92.67	3.16	327.72	112.33	73.26	76.82	680.34	13.8600	14.5585	0.1131	5.9238	22.6630	741.2057	4.4689
11:36:27	92.67	3.04	327.72	126.98	70.82	76.58	681.86	14.8158	15.5278	0.1131	5.9246	22.6675	741.2091	4.4690
11:36:28	92.67	2.93	139.68	119.66	67.16	76.82	683.39	14.8158	15.5037	0.1131	5.9254	22.6721	741.2124	4.4690
11:36:29	92.67	2.73	139.19	107.45	64.71	76.82	683.39	14.6565	15.2940	0.1131	5.9262	22.6766	741.2155	4.4690
11:36:30	92.67	2.61	139.19	103.79	64.71	76.58	680.34	16.5683	17.2601	0.1131	5.9270	22.6817	741.2184	4.4691
								15.6124	16.2406	0.1131	5.9279	22.6837	741.2213	4.4691
								14.0193	14.5455	0.1131	5.9286	22.6856	741.2239	4.4691
								13.5413	14.0270	0.1131	5.9293	22.6873	741.2265	4.4691

10-MAY-94 11:50 LACMTA Emissions Testing Facility

Test : RTD MODIFIED COMMUTER PHASE OF ADB CYCLE
Test number : 1065
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	4.2	4.6	14.3	0.14	0.003	0.007	0.04	3.55	48.42	73.38	22.87	0.0	0.000	0.0	1.26	3.49	194.4	0.0	0.0	0.0
1 DL	4.2	4.7	14.3	0.14	0.003	0.007	0.04	3.55	48.43	73.43	22.87	0.0	0.000	0.0	1.26	3.53	194.4	0.0	0.0	0.0
2 DL	4.2	4.7	14.5	0.14	0.003	0.007	0.04	3.55	48.43	73.44	22.87	0.0	0.000	0.0	1.26	3.58	194.4	0.0	0.0	0.0
3 DL	4.2	4.6	14.4	0.14	0.003	0.007	0.04	3.55	48.42	73.37	22.86	0.0	0.000	0.0	1.26	3.35	194.5	0.0	0.0	0.0
4 DL	4.2	4.6	14.5	0.14	0.003	0.007	0.04	3.55	48.43	73.40	22.87	0.0	0.000	0.0	1.26	3.41	194.5	0.0	0.0	0.0
5 DL	4.2	4.6	14.5	0.14	0.003	0.007	0.04	3.55	48.43	73.49	22.87	0.0	0.000	0.0	1.26	3.35	194.6	0.0	0.0	0.0
6 DL	4.2	4.6	14.4	0.14	0.003	0.007	0.04	3.55	48.42	73.49	22.87	0.0	0.000	0.0	1.26	3.53	194.6	0.0	0.0	0.0
7 DL	4.3	4.6	14.4	0.14	0.003	0.007	0.04	3.55	48.42	73.45	22.87	0.0	0.000	0.0	1.26	3.45	194.6	0.0	0.0	0.0
8 DL	4.3	4.7	14.3	0.14	0.003	0.007	0.04	3.55	48.43	73.43	22.87	0.0	0.000	0.0	1.26	3.51	194.6	0.0	0.0	0.0
9 DL	4.3	4.8	14.2	0.14	0.003	0.008	0.04	3.54	48.43	73.56	22.88	0.0	0.000	0.0	1.26	3.42	194.6	0.0	0.0	0.0
10 DL	4.3	4.7	14.1	0.14	0.003	0.008	0.04	3.53	48.42	73.74	22.90	0.0	0.000	0.0	1.26	3.37	194.6	0.0	0.0	0.0
11 DL	4.3	4.7	14.0	0.14	0.003	0.007	0.04	3.53	48.42	73.77	22.90	0.0	0.000	0.0	1.25	3.40	194.7	0.0	0.0	0.0
12 DL	4.3	4.6	14.0	0.14	0.003	0.007	0.04	3.53	48.42	73.81	22.90	0.0	0.000	0.0	1.25	3.39	194.7	0.0	0.0	0.0
13 DL	4.3	4.5	14.1	0.14	0.003	0.007	0.04	3.52	48.42	73.92	22.91	0.0	0.000	0.0	1.25	3.42	194.7	0.0	0.0	0.0
14 DL	4.3	4.5	14.2	0.14	0.003	0.007	0.04	3.51	48.42	73.98	22.92	0.0	0.000	0.0	1.25	3.43	194.7	0.0	0.0	0.0
15 DL	4.3	4.5	14.2	0.14	0.003	0.007	0.04	3.52	48.42	73.97	22.92	0.0	0.000	0.0	1.25	3.47	194.6	0.0	0.0	0.0
16 DL	4.3	4.5	14.2	0.14	0.003	0.007	0.04	3.50	48.42	74.14	22.93	0.0	0.000	0.0	1.25	3.42	194.7	0.0	0.0	0.0
17 DL	4.3	4.5	14.0	0.14	0.003	0.007	0.04	3.50	48.42	74.21	22.94	0.0	0.000	0.0	1.25	3.57	194.7	0.0	0.0	0.0
18 DL	4.3	4.4	14.0	0.14	0.003	0.007	0.04	3.50	48.42	74.21	22.94	0.0	0.000	0.0	1.25	3.52	194.7	0.0	0.0	0.0
19 DL	4.3	4.5	14.0	0.14	0.003	0.007	0.04	3.50	48.41	74.22	22.94	0.0	0.000	0.0	1.25	3.62	194.7	0.0	0.0	0.0
20 DL	4.4	4.6	14.3	0.14	0.003	0.007	0.04	3.51	48.42	74.11	22.93	0.0	0.000	0.0	1.25	3.56	194.7	0.0	0.0	0.0
21 DL	4.4	4.8	14.9	0.14	0.003	0.008	0.04	3.54	48.42	73.57	22.88	0.0	0.000	1.0	0.70	3.54	194.7	0.0	0.0	0.0
22 DL	4.5	5.4	16.5	0.14	0.004	0.009	0.04	3.63	48.42	72.12	22.75	0.0	0.001	2.9	2.22	3.72	194.8	0.0	0.0	0.0
23 DL	4.8	6.6	19.9	0.15	0.004	0.011	0.05	3.86	48.42	68.65	22.45	0.0	0.001	3.4	2.40	4.26	194.9	0.0	0.0	0.0
24 DL	5.1	9.1	25.2	0.17	0.004	0.015	0.07	4.32	48.41	62.81	21.96	0.0	0.001	4.7	3.03	4.40	194.9	0.0	0.0	0.0
25 DL	5.7	16.4	32.1	0.20	0.004	0.026	0.08	5.02	48.41	55.37	21.36	0.0	0.002	5.8	3.21	6.00	194.8	0.0	0.0	0.0
26 DL	6.7	37.9	41.6	0.24	0.005	0.060	0.11	6.12	48.42	46.63	20.69	0.0	0.002	7.1	3.18	8.26	194.8	0.0	0.0	0.0
27 DL	8.3	74.5	55.4	0.32	0.007	0.119	0.15	8.01	48.42	36.72	19.98	0.0	0.002	8.9	3.02	11.58	194.8	0.0	0.0	0.0
28 DL	10.0	109.6	78.7	0.43	0.008	0.175	0.21	10.88	48.42	27.81	19.39	0.0	0.003	10.8	2.70	17.64	194.8	0.0	0.0	0.0
29 DL	11.8	121.9	112.8	0.59	0.009	0.194	0.30	14.69	48.41	21.13	18.98	0.0	0.004	12.9	2.41	23.02	194.9	0.0	0.0	0.0
30 DL	12.8	113.5	122.7	0.74	0.010	0.181	0.32	18.49	48.39	17.03	18.75	0.0	0.004	16.1	2.41	26.67	194.9	0.0	0.0	0.0
31 DL	13.2	110.9	110.2	0.81	0.010	0.177	0.29	20.25	48.37	15.61	18.67	0.0	0.004	15.9	2.19	17.70	195.1	0.0	0.0	0.0
32 DL	14.0	116.7	114.5	0.83	0.011	0.186	0.30	20.89	48.36	15.15	18.64	0.0	0.005	17.5	2.33	10.00	195.3	0.0	0.0	0.0
33 DL	15.0	116.5	132.0	0.89	0.012	0.186	0.35	22.39	48.36	14.20	18.58	0.0	0.005	19.4	2.40	9.08	195.5	0.0	0.0	0.0
34 DL	15.5	111.5	142.2	0.97	0.012	0.178	0.37	24.30	48.35	13.14	18.52	0.0	0.006	20.7	2.37	8.82	195.5	0.0	0.0	0.0
35 DL	15.1	120.1	140.6	1.00	0.012	0.191	0.37	25.09	48.32	12.72	18.50	0.0	0.006	23.1	2.56	9.04	195.6	0.0	0.0	0.0
36 DL	14.3	146.1	133.2	0.98	0.011	0.233	0.35	24.65	48.32	12.91	18.51	0.0	0.007	23.7	2.67	8.46	195.6	0.0	0.0	0.0
37 DL	13.3	171.0	123.7	0.96	0.011	0.272	0.32	24.13	48.32	13.14	18.52	0.0	0.007	24.8	2.85	9.06	195.7	0.0	0.0	0.0
38 DL	12.4	182.7	114.7	0.95	0.010	0.291	0.30	23.72	48.33	13.34	18.53	0.0	0.007	25.6	2.99	10.49	195.8	0.0	0.0	0.0
39 DL	11.8	180.1	105.6	0.93	0.009	0.287	0.28	23.17	48.32	13.64	18.54	0.0	0.007	26.4	3.15	12.14	195.9	0.0	0.0	0.0
40 DL	11.5	171.9	96.4	0.89	0.009	0.274	0.25	22.35	48.32	14.13	18.57	0.0	0.007	26.8	3.33	12.55	196.1	0.0	0.0	0.0
41 DL	11.4	171.2	90.6	0.86	0.009	0.273	0.24	21.45	48.32	14.68	18.60	0.0	0.008	27.5	3.55	11.86	196.2	0.0	0.0	0.0
42 DL	11.4	190.5	93.0	0.84	0.009	0.303	0.24	20.96	48.33	14.97	18.62	0.0	0.008	28.2	3.71	11.46	196.3	0.0	0.0	0.0
43 DL	11.5	227.1	109.5	0.86	0.009	0.362	0.29	21.45	48.32	14.60	18.59	0.0	0.008	29.5	3.77	12.05	196.5	0.0	0.0	0.0
44 DL	11.9	253.3	141.5	0.93	0.009	0.403	0.37	23.41	48.33	13.43	18.52	0.0	0.009	30.9	3.63	13.29	196.5	0.0	0.0	0.0
45 DL	12.6	250.7	177.8	1.05	0.010	0.399	0.47	26.17	48.32	12.09	18.45	0.0	0.009	32.4	3.41	13.00	196.6	0.0	0.0	0.0

46	DL	13.4	227.5	199.4	1.14	0.011	0.362	0.52	28.57	48.30	11.15	18.40	0.0	0.009	33.8	3.27	10.78	196.7	0.0	0.0	0.0
47	DL	14.1	199.7	200.1	1.20	0.011	0.318	0.52	30.15	48.30	10.61	18.37	0.0	0.010	35.0	3.22	9.13	196.7	0.0	0.0	0.0
48	DL	14.2	189.7	196.7	1.22	0.011	0.302	0.51	30.50	48.26	10.49	18.37	0.0	0.010	36.0	3.28	8.13	196.8	0.0	0.0	0.0
49	DL	13.9	201.8	183.1	1.19	0.011	0.321	0.48	29.88	48.26	10.69	18.38	0.0	0.010	36.7	3.41	8.12	196.9	0.0	0.0	0.0
50	DL	13.5	222.2	172.2	1.17	0.011	0.353	0.45	29.35	48.26	10.86	18.38	0.0	0.010	37.5	3.54	8.99	197.0	0.0	0.0	0.0
51	DL	13.1	241.2	167.3	1.17	0.010	0.384	0.44	29.20	48.26	10.89	18.38	0.0	0.011	38.3	3.63	9.84	197.0	0.0	0.0	0.0
52	DL	12.8	245.5	165.3	1.17	0.010	0.391	0.43	29.36	48.26	10.83	18.38	0.0	0.011	39.2	3.69	9.98	197.1	0.0	0.0	0.0
53	DL	12.6	229.3	158.2	1.18	0.010	0.365	0.41	29.41	48.26	10.83	18.38	0.0	0.011	39.8	3.75	8.70	197.2	0.0	0.0	0.0
54	DL	12.6	207.5	144.3	1.15	0.010	0.330	0.38	28.73	48.26	11.10	18.40	0.0	0.011	40.2	3.88	6.39	197.4	0.0	0.0	0.0
55	DL	12.7	193.0	131.6	1.10	0.010	0.307	0.34	27.52	48.26	11.57	18.43	0.0	0.011	40.6	4.09	5.27	197.6	0.0	0.0	0.0
56	DL	12.8	185.7	125.2	1.06	0.010	0.295	0.33	26.45	48.26	12.02	18.45	0.0	0.011	41.1	4.31	5.61	197.7	0.0	0.0	0.0
57	DL	12.9	181.2	123.5	1.03	0.010	0.288	0.32	25.72	48.26	12.35	18.47	0.0	0.012	41.5	4.48	6.02	197.8	0.0	0.0	0.0
58	DL	13.0	177.7	124.1	1.01	0.010	0.283	0.32	25.29	48.26	12.55	18.48	0.0	0.012	42.0	4.61	6.17	197.9	0.0	0.0	0.0
59	DL	13.2	175.3	126.0	1.00	0.010	0.279	0.33	25.08	48.26	12.65	18.49	0.0	0.012	42.5	4.71	6.18	198.0	0.0	0.0	0.0
60	DL	13.4	173.2	130.2	1.00	0.011	0.275	0.34	25.08	48.26	12.65	18.49	0.0	0.012	43.1	4.76	6.05	198.1	0.0	0.0	0.0
61	DL	13.6	169.7	135.7	1.01	0.011	0.270	0.35	25.26	48.26	12.57	18.49	0.0	0.012	43.6	4.79	5.95	198.2	0.0	0.0	0.0
62	DL	13.9	165.6	142.0	1.02	0.011	0.263	0.37	25.57	48.26	12.43	18.48	0.0	0.012	44.1	4.79	5.64	198.3	0.0	0.0	0.0
63	DL	14.2	161.6	147.8	1.04	0.011	0.257	0.39	25.95	48.26	12.27	18.47	0.0	0.012	44.6	4.78	5.26	198.4	0.0	0.0	0.0
64	DL	14.6	156.4	154.0	1.05	0.011	0.249	0.40	26.36	48.26	12.09	18.46	0.0	0.013	45.2	4.77	5.31	198.6	0.0	0.0	0.0
65	DL	14.9	146.3	157.9	1.07	0.012	0.233	0.41	26.82	48.25	11.90	18.45	0.0	0.013	45.8	4.75	5.20	198.7	0.0	0.0	0.0
66	DL	15.2	131.8	153.1	1.08	0.012	0.210	0.40	27.12	48.25	11.79	18.45	0.0	0.013	46.2	4.76	5.13	198.7	0.0	0.0	0.0
67	DL	15.5	121.5	144.7	1.08	0.012	0.193	0.38	26.93	48.24	11.88	18.45	0.0	0.013	46.5	4.82	4.76	198.8	0.0	0.0	0.0
68	DL	15.9	115.4	141.6	1.06	0.013	0.184	0.37	26.62	48.25	12.02	18.46	0.0	0.013	47.0	4.93	4.83	198.8	0.0	0.0	0.0
69	DL	16.3	108.5	140.2	1.06	0.013	0.173	0.37	26.51	48.24	12.07	18.46	0.0	0.013	47.4	5.00	4.91	199.0	0.0	0.0	0.0
70	DL	16.6	100.8	136.5	1.06	0.013	0.160	0.36	26.40	48.25	12.13	18.47	0.0	0.013	47.8	5.06	4.68	199.0	0.0	0.0	0.0
71	DL	16.9	94.6	132.3	1.05	0.013	0.150	0.35	26.19	48.24	12.22	18.47	0.0	0.013	48.1	5.14	4.47	199.0	0.0	0.0	0.0
72	DL	17.2	88.9	129.2	1.04	0.014	0.141	0.34	25.98	48.24	12.32	18.48	0.0	0.013	48.5	5.22	4.52	199.0	0.0	0.0	0.0
73	DL	17.4	80.5	122.7	1.03	0.014	0.128	0.32	25.75	48.23	12.44	18.49	0.0	0.014	48.8	5.31	4.44	199.1	0.0	0.0	0.0
74	DL	17.5	70.6	111.6	1.01	0.014	0.112	0.29	25.19	48.22	12.71	18.51	0.0	0.014	48.9	5.44	4.19	199.2	0.0	0.0	0.0
75	DL	17.7	63.8	101.1	0.97	0.014	0.101	0.26	24.23	48.23	13.20	18.53	0.0	0.014	49.0	5.67	3.89	199.2	0.0	0.0	0.0
76	DL	18.0	62.9	96.5	0.93	0.014	0.100	0.25	23.29	48.22	13.70	18.56	0.0	0.014	49.1	5.91	3.73	199.4	0.0	0.0	0.0
77	DL	18.5	66.3	100.5	0.91	0.015	0.105	0.26	22.85	48.23	13.95	18.58	0.0	0.014	49.4	6.05	4.27	199.4	0.0	0.0	0.0
78	DL	19.0	68.5	109.5	0.92	0.015	0.109	0.29	23.06	48.22	13.83	18.57	0.0	0.014	49.8	6.04	5.11	199.6	0.0	0.0	0.0
79	DL	19.1	65.0	111.8	0.94	0.015	0.103	0.29	23.60	48.23	13.53	18.55	0.0	0.014	50.1	5.95	5.18	199.6	0.0	0.0	0.0
80	DL	19.0	58.6	100.9	0.94	0.015	0.093	0.26	23.61	48.22	13.53	18.55	0.0	0.014	50.1	5.95	4.53	199.7	0.0	0.0	0.0
81	DL	19.2	56.7	93.7	0.91	0.015	0.090	0.24	22.84	48.21	13.96	18.58	0.0	0.014	50.0	6.13	3.23	199.9	0.0	0.0	0.0
82	DL	19.7	58.2	98.5	0.89	0.016	0.093	0.26	22.35	48.22	14.25	18.60	0.0	0.014	50.4	6.32	3.86	200.1	0.0	0.0	0.0
83	DL	19.9	56.4	102.4	0.90	0.016	0.090	0.27	22.58	48.22	14.12	18.59	0.0	0.014	50.8	6.30	4.88	200.2	0.0	0.0	0.0
84	DL	19.8	50.3	93.0	0.90	0.016	0.080	0.24	22.61	48.22	14.11	18.59	0.0	0.014	50.7	6.30	4.57	200.4	0.0	0.0	0.0
85	DL	19.8	44.0	82.3	0.87	0.016	0.070	0.21	21.83	48.20	14.60	18.62	0.0	0.014	50.5	6.50	3.25	200.6	0.0	0.0	0.0
86	DL	20.1	41.1	79.7	0.83	0.016	0.065	0.21	20.84	48.21	15.26	18.66	0.0	0.014	50.7	6.83	2.89	200.8	0.0	0.0	0.0
87	DL	20.6	42.5	85.1	0.82	0.016	0.068	0.22	20.36	48.22	15.59	18.68	0.0	0.014	50.8	7.01	3.20	201.0	0.0	0.0	0.0
88	DL	21.1	45.2	93.6	0.82	0.017	0.072	0.24	20.59	48.22	15.43	18.67	0.0	0.014	51.1	6.96	3.91	201.2	0.0	0.0	0.0
89	DL	21.4	44.0	95.6	0.85	0.017	0.070	0.25	21.17	48.21	15.03	18.64	0.0	0.014	51.4	6.81	4.71	201.3	0.0	0.0	0.0
90	DL	21.3	40.0	81.9	0.85	0.017	0.064	0.21	21.17	48.20	15.03	18.64	0.0	0.014	51.1	6.79	4.31	201.5	0.0	0.0	0.0
91	DL	21.6	40.7	72.5	0.80	0.017	0.065	0.19	20.05	48.21	15.82	18.69	0.0	0.014	50.8	7.11	2.99	201.7	0.0	0.0	0.0
92	DL	22.3	47.0	82.0	0.78	0.018	0.075	0.21	19.38	48.22	16.33	18.72	0.0	0.014	51.3	7.41	3.41	201.8	0.0	0.0	0.0
93	DL	22.8	50.4	96.6	0.80	0.018	0.080	0.25	20.02	48.22	15.83	18.69	0.0	0.014	51.6	7.23	5.11	202.1	0.0	0.0	0.0
94	DL	22.6	46.9	94.5	0.84	0.018	0.075	0.25	21.00	48.22	15.14	18.65	0.0	0.014	51.9	6.93	4.99	202.2	0.0	0.0	0.0
95	DL	22.4	42.5	80.9	0.83	0.018	0.068	0.21	20.83	48.20	15.26	18.66	0.0	0.014	51.3	6.92	3.61	202.4	0.0	0.0	0.0
96	DL	22.6	43.0	79.2	0.80	0.018	0.068	0.21	19.98	48.20	15.87	18.69	0.0	0.014	51.5	7.23	2.83	202.7	0.0	0.0	0.0
97	DL	23.0	46.5	89.8	0.80	0.018	0.074	0.23	19.93	48.21	15.90	18.69	0.0	0.014	51.8	7.29	3.70	202.9	0.0	0.0	0.0
98	DL	23.4	48.4	102.9	0.83	0.018	0.077	0.27	20.76	48.21	15.30	18.66	0.0	0.014	52.1	7.04	4.37	203.0	0.0	0.0	0.0
99	DL	23.5	47.2	110.3	0.88	0.018	0.075	0.29	21.89	48.20	14.55	18.61	0.0	0.015	52.4	6.72	4.19	203.2	0.0	0.0	0.0
100	DL	23.4	43.4	108.7	0.91	0.018	0.069	0.28	22.73	48.20	14.04	18.59	0.0	0.015	52.6	6.49	3.97	203.4	0.0	0.0	0.0
101	DL	23.1	38.9	99.8	0.91	0.018	0.062	0.26	22.84	48.19	13.98	18.58	0.0	0.015	52.5	6.46	3.49	203.6	0.0	0.0	0.0
102	DL	23.0	35.6	92.7	0.90	0.018	0.057	0.24	22.36	48.20	14.27	18.60	0.0	0.015	52.6	6.61	2.97	203.8	0.0	0.0	0.0
103	DL	23.1	34.0	90.6	0.87	0.018	0.054	0.24	21.82	48.19	14.61	18.62	0.0	0.015	52.7	6.78	3.01	203.9	0.0	0.0	0.0
104	DL	23.2	33.5	90.9	0.86	0.018	0.053	0.24	21.53	48.19	14.79	18.63	0.0	0.015	52.8	6.89	3.23	204.1	0.0	0.0	0.0

105	DL	23.3	33.5	92.6	0.86	0.018	0.053	0.24	21.47	48.19	14.84	18.63	0.0	0.015	52.9	6.92	3.27	204.2	0.0	0.0	0.0
106	DL	23.5	33.6	94.3	0.86	0.019	0.053	0.25	21.55	48.19	14.78	18.63	0.0	0.015	53.0	6.91	3.48	204.4	0.0	0.0	0.0
107	DL	23.7	33.7	96.2	0.87	0.019	0.053	0.25	21.71	48.19	14.67	18.62	0.0	0.015	53.2	6.88	3.52	204.4	0.0	0.0	0.0
108	DL	23.9	33.7	97.7	0.88	0.019	0.053	0.26	21.96	48.18	14.52	18.61	0.0	0.015	53.3	6.82	3.48	204.6	0.0	0.0	0.0
109	DL	24.0	33.1	98.3	0.89	0.019	0.053	0.26	22.18	48.18	14.38	18.61	0.0	0.015	53.5	6.77	3.62	204.7	0.0	0.0	0.0
110	DL	24.0	31.9	97.5	0.89	0.019	0.051	0.25	22.30	48.19	14.31	18.60	0.0	0.015	53.6	6.75	3.63	204.8	0.0	0.0	0.0
111	DL	24.1	30.9	96.3	0.89	0.019	0.049	0.25	22.28	48.18	14.32	18.60	0.0	0.015	53.6	6.77	3.33	204.8	0.0	0.0	0.0
112	DL	24.2	30.1	95.3	0.89	0.019	0.048	0.25	22.23	48.19	14.35	18.61	0.0	0.015	53.7	6.80	3.24	204.8	0.0	0.0	0.0
113	DL	24.3	29.6	94.5	0.89	0.019	0.047	0.25	22.19	48.18	14.37	18.61	0.0	0.015	53.9	6.82	3.32	204.8	0.0	0.0	0.0
114	DL	24.4	29.1	94.5	0.89	0.019	0.046	0.25	22.18	48.18	14.38	18.61	0.0	0.015	54.0	6.84	3.34	204.9	0.0	0.0	0.0
115	DL	24.4	28.6	94.4	0.89	0.019	0.045	0.25	22.20	48.17	14.37	18.61	0.0	0.015	54.1	6.85	3.30	205.0	0.0	0.0	0.0
116	DL	24.5	28.2	94.4	0.89	0.019	0.045	0.25	22.21	48.17	14.36	18.61	0.0	0.015	54.2	6.86	3.29	205.1	0.0	0.0	0.0
117	DL	24.6	27.9	94.6	0.89	0.019	0.044	0.25	22.27	48.17	14.33	18.60	0.0	0.015	54.3	6.85	3.41	205.1	0.0	0.0	0.0
118	DL	24.6	27.7	94.2	0.89	0.019	0.044	0.25	22.33	48.17	14.29	18.60	0.0	0.015	54.4	6.85	3.39	205.2	0.0	0.0	0.0
119	DL	24.7	27.4	93.8	0.90	0.019	0.044	0.24	22.38	48.17	14.26	18.60	0.0	0.015	54.5	6.85	3.41	205.3	0.0	0.0	0.0
120	DL	24.8	27.2	93.8	0.90	0.020	0.043	0.24	22.38	48.16	14.26	18.60	0.0	0.015	54.6	6.86	3.44	205.3	0.0	0.0	0.0
121	DL	24.9	27.0	93.8	0.90	0.020	0.043	0.24	22.38	48.16	14.26	18.60	0.0	0.015	54.7	6.87	3.63	205.4	0.0	0.0	0.0
122	DL	25.1	26.7	94.0	0.90	0.020	0.042	0.25	22.41	48.18	14.25	18.60	0.0	0.015	54.7	6.87	3.65	205.5	0.0	0.0	0.0
123	DL	25.2	26.5	94.3	0.90	0.020	0.042	0.25	22.42	48.15	14.23	18.60	0.0	0.015	54.9	6.88	3.62	205.7	0.0	0.0	0.0
124	DL	25.3	26.4	94.0	0.90	0.020	0.042	0.25	22.47	48.16	14.21	18.60	0.0	0.015	55.0	6.88	3.68	205.9	0.0	0.0	0.0
125	DL	25.4	26.1	93.8	0.90	0.020	0.041	0.24	22.50	48.15	14.19	18.60	0.0	0.015	55.0	6.88	3.75	206.0	0.0	0.0	0.0
126	DL	25.4	25.4	92.7	0.90	0.020	0.040	0.24	22.50	48.16	14.19	18.60	0.0	0.015	55.1	6.89	3.73	206.2	0.0	0.0	0.0
127	DL	25.3	24.0	87.6	0.90	0.020	0.038	0.23	22.36	48.16	14.27	18.60	0.0	0.015	55.1	6.94	3.62	206.3	0.0	0.0	0.0
128	DL	25.2	22.5	79.2	0.87	0.020	0.036	0.21	21.81	48.15	14.62	18.62	0.0	0.015	55.0	7.09	3.24	206.5	0.0	0.0	0.0
129	DL	25.4	21.8	75.0	0.84	0.020	0.035	0.20	20.99	48.15	15.16	18.65	0.0	0.015	54.9	7.36	3.11	206.7	0.0	0.0	0.0
130	DL	25.6	21.8	75.5	0.82	0.020	0.035	0.20	20.37	48.16	15.60	18.68	0.0	0.015	54.9	7.58	3.14	206.9	0.0	0.0	0.0
131	DL	25.8	22.4	78.7	0.81	0.020	0.036	0.21	20.18	48.16	15.74	18.69	0.0	0.015	55.0	7.66	3.20	207.0	0.0	0.0	0.0
132	DL	25.9	22.5	81.5	0.81	0.020	0.036	0.21	20.28	48.16	15.66	18.68	0.0	0.015	55.0	7.62	3.41	207.1	0.0	0.0	0.0
133	DL	25.9	21.6	77.0	0.82	0.020	0.034	0.20	20.36	48.17	15.61	18.68	0.0	0.015	55.0	7.60	3.45	207.3	0.0	0.0	0.0
134	DL	26.1	20.6	66.7	0.79	0.020	0.033	0.17	19.78	48.15	16.04	18.71	0.0	0.015	54.6	7.77	3.13	207.6	0.0	0.0	0.0
135	DL	26.5	20.5	63.2	0.75	0.021	0.033	0.16	18.81	48.16	16.82	18.75	0.0	0.015	54.6	8.15	2.80	207.7	0.0	0.0	0.0
136	DL	26.8	21.3	68.2	0.74	0.021	0.034	0.18	18.36	48.16	17.21	18.78	0.0	0.015	54.6	8.36	3.08	207.9	0.0	0.0	0.0
137	DL	27.0	22.7	76.0	0.74	0.021	0.036	0.20	18.58	48.15	17.01	18.76	0.0	0.015	54.7	8.27	3.29	208.0	0.0	0.0	0.0
138	DL	27.1	24.0	83.6	0.77	0.021	0.038	0.22	19.17	48.17	16.52	18.73	0.0	0.015	54.8	8.03	3.47	208.2	0.0	0.0	0.0
139	DL	27.1	25.1	89.3	0.80	0.021	0.040	0.23	19.91	48.16	15.93	18.70	0.0	0.015	54.9	7.75	3.58	208.4	0.0	0.0	0.0
140	DL	27.1	25.5	92.1	0.83	0.021	0.040	0.24	20.61	48.16	15.42	18.67	0.0	0.015	55.0	7.50	3.67	208.5	0.0	0.0	0.0
141	DL	26.9	24.8	90.0	0.84	0.021	0.039	0.23	21.09	48.16	15.09	18.65	0.0	0.015	55.1	7.34	3.75	208.7	0.0	0.0	0.0
142	DL	26.8	23.6	83.8	0.84	0.021	0.038	0.22	21.06	48.15	15.11	18.65	0.0	0.015	55.0	7.34	3.50	208.8	0.0	0.0	0.0
143	DL	26.8	22.9	80.7	0.83	0.021	0.036	0.21	20.67	48.16	15.38	18.67	0.0	0.015	54.9	7.47	3.13	209.0	0.0	0.0	0.0
144	DL	26.8	22.5	79.4	0.82	0.021	0.036	0.21	20.36	48.16	15.60	18.68	0.0	0.015	54.9	7.59	3.17	209.1	0.0	0.0	0.0
145	DL	26.8	22.3	79.5	0.81	0.021	0.035	0.21	20.18	48.16	15.73	18.69	0.0	0.015	54.9	7.65	3.19	209.3	0.0	0.0	0.0
146	DL	26.9	22.7	81.1	0.81	0.021	0.036	0.21	20.13	48.16	15.77	18.69	0.0	0.015	55.0	7.68	3.43	209.4	0.0	0.0	0.0
147	DL	27.0	23.3	83.8	0.81	0.021	0.037	0.22	20.22	48.16	15.70	18.69	0.0	0.015	55.0	7.65	3.47	209.5	0.0	0.0	0.0
148	DL	27.0	23.6	85.8	0.82	0.021	0.037	0.22	20.44	48.16	15.54	18.68	0.0	0.015	55.1	7.57	3.56	209.7	0.0	0.0	0.0
149	DL	27.0	23.7	86.1	0.83	0.021	0.038	0.22	20.64	48.16	15.40	18.67	0.0	0.015	55.1	7.50	3.57	209.8	0.0	0.0	0.0
150	DL	27.0	23.8	86.4	0.83	0.021	0.038	0.23	20.72	48.15	15.34	18.66	0.0	0.015	55.1	7.47	3.40	210.0	0.0	0.0	0.0
151	DL	27.1	23.8	86.9	0.83	0.021	0.038	0.23	20.79	48.15	15.29	18.66	0.0	0.015	55.1	7.46	3.39	210.0	0.0	0.0	0.0
152	DL	27.1	23.5	86.5	0.84	0.021	0.037	0.23	20.86	48.15	15.25	18.66	0.0	0.015	55.2	7.44	3.51	210.1	0.0	0.0	0.0
153	DL	27.1	23.1	85.8	0.83	0.021	0.037	0.22	20.83	48.14	15.26	18.66	0.0	0.015	55.2	7.45	3.36	210.1	0.0	0.0	0.0
154	DL	27.2	22.6	84.1	0.83	0.021	0.036	0.22	20.77	48.14	15.30	18.66	0.0	0.015	55.2	7.47	3.42	210.1	0.0	0.0	0.0
155	DL	27.2	22.1	80.9	0.83	0.021	0.035	0.21	20.63	48.14	15.40	18.67	0.0	0.015	55.2	7.52	3.42	210.2	0.0	0.0	0.0
156	DL	27.2	21.6	78.3	0.82	0.021	0.034	0.20	20.37	48.14	15.59	18.68	0.0	0.015	55.1	7.61	3.26	210.2	0.0	0.0	0.0
157	DL	27.3	21.3	76.6	0.81	0.021	0.034	0.20	20.09	48.14	15.80	18.69	0.0	0.015	55.1	7.71	3.24	210.1	0.0	0.0	0.0
158	DL	27.4	21.0	75.9	0.80	0.022	0.033	0.20	19.87	48.14	15.96	18.70	0.0	0.015	55.1	7.80	3.28	210.1	0.0	0.0	0.0
159	DL	27.4	20.7	75.4	0.79	0.022	0.033	0.20	19.76	48.14	16.05	18.71	0.0	0.015	55.1	7.84	3.33	210.1	0.0	0.0	0.0
160	DL	27.5	20.7	75.5	0.79	0.022	0.033	0.20	19.68	48.13	16.10	18.71	0.0	0.015	55.1	7.86	3.31	210.1	0.0	0.0	0.0
161	DL	27.5	20.6	76.1	0.79	0.022	0.033	0.20	19.65	48.14	16.13	18.71	0.0	0.015	55.0	7.88	3.37	210.1	0.0	0.0	0.0
162	DL	27.5	20.6	76.9	0.79	0.022	0.033	0.20	19.65	48.14	16.13	18.71	0.0	0.015	55.1	7.88	3.39	210.1	0.0	0.0	0.0
163	DL	27.4	20.7	77.7	0.79	0.022	0.033	0.20	19.72	48.14	16.08	18.71	0.0	0.015	55.1	7.85	3.39	210.2	0.0	0.0	0.0

164	DL	27.4	20.6	78.4	0.79	0.022	0.033	0.21	20.02	48.65	16.01	18.70	0.0	0.015	55.1	7.74	3.33	210.3	0.0	0.0	0.0
165	DL	27.4	20.5	77.7	0.80	0.022	0.032	0.20	19.86	48.13	15.97	18.70	0.0	0.015	55.1	7.80	3.30	210.3	0.0	0.0	0.0
166	DL	27.3	20.3	76.5	0.80	0.021	0.032	0.20	19.84	48.14	15.99	18.70	0.0	0.015	55.1	7.80	3.31	210.4	0.0	0.0	0.0
167	DL	27.3	20.1	76.0	0.79	0.021	0.032	0.20	19.75	48.13	16.05	18.71	0.0	0.015	55.1	7.84	3.31	210.6	0.0	0.0	0.0
168	DL	27.3	20.2	76.4	0.79	0.021	0.032	0.20	19.70	48.13	16.09	18.71	0.0	0.015	55.1	7.86	3.20	210.7	0.0	0.0	0.0
169	DL	27.3	20.3	76.8	0.79	0.021	0.032	0.20	19.71	48.14	16.08	18.71	0.0	0.015	55.1	7.86	3.20	210.8	0.0	0.0	0.0
170	DL	27.4	20.5	77.3	0.79	0.022	0.033	0.20	19.77	48.13	16.04	18.71	0.0	0.015	55.0	7.83	3.28	211.0	0.0	0.0	0.0
171	DL	27.4	20.7	78.1	0.80	0.022	0.033	0.20	19.85	48.14	15.98	18.70	0.0	0.015	55.1	7.81	3.32	211.1	0.0	0.0	0.0
172	DL	27.5	20.7	78.5	0.80	0.022	0.033	0.20	19.94	48.14	15.91	18.70	0.0	0.015	55.1	7.77	3.40	211.2	0.0	0.0	0.0
173	DL	27.5	20.4	78.3	0.80	0.022	0.032	0.20	19.98	48.14	15.88	18.70	0.0	0.015	55.1	7.75	3.40	211.4	0.0	0.0	0.0
174	DL	27.5	20.3	77.5	0.80	0.022	0.032	0.20	19.95	48.14	15.90	18.70	0.0	0.015	55.1	7.76	3.24	211.6	0.0	0.0	0.0
175	DL	27.6	20.2	77.6	0.80	0.022	0.032	0.20	19.89	48.13	15.94	18.70	0.0	0.015	55.1	7.79	3.25	211.7	0.0	0.0	0.0
176	DL	27.6	20.1	77.8	0.80	0.022	0.032	0.20	19.89	48.14	15.95	18.70	0.0	0.015	55.1	7.79	3.26	211.9	0.0	0.0	0.0
177	DL	27.6	20.1	78.2	0.80	0.022	0.032	0.20	19.90	48.13	15.94	18.70	0.0	0.015	55.1	7.79	3.30	212.0	0.0	0.0	0.0
178	DL	27.7	20.2	78.7	0.80	0.022	0.032	0.21	19.91	48.13	15.93	18.70	0.0	0.015	55.1	7.79	3.35	212.2	0.0	0.0	0.0
179	DL	27.7	20.2	78.8	0.80	0.022	0.032	0.21	19.94	48.13	15.91	18.70	0.0	0.015	55.1	7.78	3.30	212.3	0.0	0.0	0.0
180	DL	27.7	19.9	77.7	0.80	0.022	0.032	0.20	19.93	48.13	15.91	18.70	0.0	0.015	55.1	7.78	3.32	212.5	0.0	0.0	0.0
181	DL	27.7	19.6	74.9	0.79	0.022	0.031	0.20	19.81	48.13	16.01	18.70	0.0	0.015	55.0	7.82	3.26	212.6	0.0	0.0	0.0
182	DL	27.8	19.6	72.7	0.78	0.022	0.031	0.19	19.54	48.13	16.21	18.72	0.0	0.015	55.0	7.91	3.19	212.7	0.0	0.0	0.0
183	DL	28.0	19.9	74.0	0.78	0.022	0.032	0.19	19.34	48.13	16.38	18.73	0.0	0.015	55.0	8.00	3.19	212.9	0.0	0.0	0.0
184	DL	28.1	20.1	75.9	0.78	0.022	0.032	0.20	19.36	48.14	16.36	18.73	0.0	0.015	55.0	7.99	3.35	213.0	0.0	0.0	0.0
185	DL	28.1	20.1	76.9	0.78	0.022	0.032	0.20	19.44	48.13	16.29	18.72	0.0	0.015	55.0	7.95	3.40	213.1	0.0	0.0	0.0
186	DL	28.2	20.1	77.2	0.78	0.022	0.032	0.20	19.49	48.13	16.25	18.72	0.0	0.015	55.0	7.93	3.25	213.2	0.0	0.0	0.0
187	DL	28.2	20.1	77.5	0.78	0.022	0.032	0.20	19.52	48.12	16.23	18.72	0.0	0.015	55.0	7.92	3.28	213.4	0.0	0.0	0.0
188	DL	28.2	20.2	78.2	0.78	0.022	0.032	0.20	19.55	48.13	16.21	18.72	0.0	0.015	55.0	7.91	3.25	213.5	0.0	0.0	0.0
189	DL	28.2	20.4	78.7	0.79	0.022	0.032	0.21	19.61	48.13	16.16	18.71	0.0	0.015	55.0	7.88	3.20	213.7	0.0	0.0	0.0
190	DL	28.2	20.6	79.8	0.79	0.022	0.033	0.21	19.69	48.13	16.09	18.71	0.0	0.015	55.0	7.85	3.28	213.7	0.0	0.0	0.0
191	DL	28.1	20.8	80.6	0.79	0.022	0.033	0.21	19.79	48.13	16.02	18.70	0.0	0.015	55.0	7.81	3.34	213.8	0.0	0.0	0.0
192	DL	28.1	20.9	81.3	0.80	0.022	0.033	0.21	19.90	48.13	15.93	18.70	0.0	0.015	55.1	7.77	3.37	213.9	0.0	0.0	0.0
193	DL	28.1	21.0	81.8	0.80	0.022	0.033	0.21	20.01	48.13	15.85	18.70	0.0	0.015	55.0	7.74	3.33	214.0	0.0	0.0	0.0
194	DL	28.1	20.9	80.7	0.80	0.022	0.033	0.21	20.05	48.12	15.82	18.69	0.0	0.015	55.0	7.72	3.36	214.1	0.0	0.0	0.0
195	DL	28.1	20.8	79.5	0.80	0.022	0.033	0.21	20.01	48.13	15.85	18.70	0.0	0.015	55.0	7.73	3.28	214.1	0.0	0.0	0.0
196	DL	28.2	20.8	79.5	0.80	0.022	0.033	0.21	19.95	48.12	15.89	18.70	0.0	0.015	55.1	7.76	3.22	214.1	0.0	0.0	0.0
197	DL	28.3	21.0	79.8	0.80	0.022	0.033	0.21	19.97	48.12	15.88	18.70	0.0	0.015	55.1	7.75	3.27	214.1	0.0	0.0	0.0
198	DL	28.3	20.9	79.7	0.80	0.022	0.033	0.21	20.00	48.11	15.85	18.70	0.0	0.015	55.1	7.74	3.31	214.1	0.0	0.0	0.0
199	DL	28.2	20.6	77.7	0.80	0.022	0.033	0.20	20.00	48.12	15.86	18.70	0.0	0.015	55.1	7.74	3.37	214.0	0.0	0.0	0.0
200	DL	28.3	20.6	76.3	0.80	0.022	0.033	0.20	19.87	48.12	15.96	18.70	0.0	0.015	55.0	7.78	3.36	214.0	0.0	0.0	0.0
201	DL	28.3	20.6	77.1	0.79	0.022	0.033	0.20	19.78	48.12	16.02	18.71	0.0	0.015	55.0	7.82	3.42	214.0	0.0	0.0	0.0
202	DL	28.2	20.5	77.2	0.80	0.022	0.032	0.20	19.84	48.12	15.98	18.70	0.0	0.015	55.1	7.81	3.46	214.0	0.0	0.0	0.0
203	DL	28.1	20.1	75.2	0.80	0.022	0.032	0.20	19.84	48.12	15.98	18.70	0.0	0.015	55.0	7.80	3.35	214.0	0.0	0.0	0.0
204	DL	28.1	19.8	73.6	0.79	0.022	0.031	0.19	19.69	48.12	16.09	18.71	0.0	0.015	55.0	7.85	3.37	214.0	0.0	0.0	0.0
205	DL	28.1	19.7	73.4	0.78	0.022	0.031	0.19	19.54	48.12	16.21	18.72	0.0	0.015	55.0	7.91	3.29	214.0	0.0	0.0	0.0
206	DL	28.2	19.7	74.0	0.78	0.022	0.031	0.19	19.47	48.12	16.26	18.72	0.0	0.015	55.0	7.94	3.30	214.0	0.0	0.0	0.0
207	DL	28.2	19.7	74.9	0.78	0.022	0.031	0.20	19.47	48.12	16.27	18.72	0.0	0.015	54.9	7.94	3.40	214.1	0.0	0.0	0.0
208	DL	28.2	19.7	75.7	0.78	0.022	0.031	0.20	19.50	48.12	16.24	18.72	0.0	0.015	55.0	7.93	3.40	214.1	0.0	0.0	0.0
209	DL	28.1	19.8	76.6	0.78	0.022	0.031	0.20	19.57	48.12	16.19	18.72	0.0	0.015	55.0	7.90	3.40	214.2	0.0	0.0	0.0
210	DL	28.1	19.7	76.2	0.79	0.022	0.031	0.20	19.64	48.11	16.13	18.71	0.0	0.015	55.0	7.87	3.37	214.3	0.0	0.0	0.0
211	DL	28.0	19.5	74.9	0.79	0.022	0.031	0.20	19.63	48.11	16.14	18.71	0.0	0.015	55.0	7.87	3.42	214.4	0.0	0.0	0.0
212	DL	28.1	19.3	74.6	0.78	0.022	0.031	0.19	19.56	48.12	16.20	18.72	0.0	0.015	55.0	7.90	3.30	214.5	0.0	0.0	0.0
213	DL	28.1	19.3	75.2	0.78	0.022	0.031	0.20	19.53	48.11	16.22	18.72	0.0	0.015	55.0	7.92	3.22	214.6	0.0	0.0	0.0
214	DL	28.2	19.3	76.1	0.79	0.022	0.031	0.20	19.57	48.11	16.18	18.71	0.0	0.015	55.0	7.90	3.28	214.7	0.0	0.0	0.0
215	DL	28.2	19.2	76.1	0.79	0.022	0.030	0.20	19.64	48.11	16.13	18.71	0.0	0.015	55.0	7.88	3.38	214.8	0.0	0.0	0.0
216	DL	28.2	19.0	74.1	0.79	0.022	0.030	0.19	19.63	48.11	16.14	18.71	0.0	0.015	55.0	7.88	3.32	214.9	0.0	0.0	0.0
217	DL	28.3	18.8	72.1	0.78	0.022	0.030	0.19	19.44	48.10	16.29	18.72	0.0	0.015	55.0	7.95	3.25	215.1	0.0	0.0	0.0
218	DL	28.5	18.9	71.8	0.77	0.022	0.030	0.19	19.25	48.12	16.44	18.73	0.0	0.015	54.9	8.02	3.29	215.2	0.0	0.0	0.0
219	DL	28.7	19.3	73.4	0.77	0.023	0.031	0.19	19.18	48.11	16.50	18.73	0.0	0.015	54.9	8.05	3.30	215.4	0.0	0.0	0.0
220	DL	28.8	19.7	75.9	0.77	0.023	0.031	0.20	19.28	48.12	16.42	18.73	0.0	0.015	55.0	8.02	3.38	215.5	0.0	0.0	0.0
221	DL	28.9	20.1	78.6	0.78	0.023	0.032	0.20	19.49	48.11	16.25	18.72	0.0	0.015	55.0	7.94	3.46	215.6	0.0	0.0	0.0
222	DL	28.9	20.2	81.0	0.79	0.023	0.032	0.21	19.74	48.11	16.05	18.71	0.0	0.015	55.0	7.84	3.44	215.7	0.0	0.0	0.0

223 DL	28.8	20.0	81.3	0.80	0.023	0.032	0.21	19.95	48.11	15.89	18.70	0.0	0.015	55.1	7.76	3.42	215.9	0.0	0.0	0.0
224 DL	28.7	19.6	78.7	0.80	0.023	0.031	0.21	20.01	48.11	15.85	18.70	0.0	0.015	55.0	7.73	3.32	216.0	0.0	0.0	0.0
225 DL	28.7	19.2	76.1	0.80	0.023	0.030	0.20	19.83	48.11	15.98	18.70	0.0	0.015	55.0	7.80	3.05	216.1	0.0	0.0	0.0
226 DL	28.7	19.0	74.6	0.79	0.023	0.030	0.19	19.59	48.11	16.17	18.71	0.0	0.015	54.9	7.89	3.10	216.2	0.0	0.0	0.0
227 DL	28.8	18.8	73.8	0.78	0.023	0.030	0.19	19.42	48.11	16.30	18.72	0.0	0.015	54.9	7.95	3.35	216.4	0.0	0.0	0.0
228 DL	28.9	18.7	73.9	0.77	0.023	0.030	0.19	19.29	48.11	16.41	18.73	0.0	0.015	54.9	8.00	3.43	216.5	0.0	0.0	0.0
229 DL	29.0	18.9	75.1	0.77	0.023	0.030	0.20	19.22	48.11	16.46	18.73	0.0	0.015	54.9	8.03	3.21	216.6	0.0	0.0	0.0
230 DL	29.1	19.4	77.9	0.77	0.023	0.031	0.20	19.29	48.11	16.41	18.73	0.0	0.015	54.9	8.01	3.23	216.7	0.0	0.0	0.0
231 DL	29.0	19.8	80.9	0.78	0.023	0.031	0.21	19.51	48.11	16.23	18.72	0.0	0.015	55.0	7.92	3.31	216.8	0.0	0.0	0.0
232 DL	28.9	20.0	83.0	0.79	0.023	0.032	0.22	19.77	48.11	16.03	18.71	0.0	0.015	55.0	7.83	3.36	217.0	0.0	0.0	0.0
233 DL	28.8	19.7	80.4	0.80	0.023	0.031	0.21	19.94	48.11	15.90	18.70	0.0	0.015	55.0	7.76	3.34	217.1	0.0	0.0	0.0
234 DL	28.8	19.1	74.1	0.79	0.023	0.030	0.19	19.77	48.10	16.03	18.71	0.0	0.015	54.9	7.80	3.29	217.2	0.0	0.0	0.0
235 DL	28.9	19.0	71.0	0.77	0.023	0.030	0.18	19.26	48.10	16.43	18.73	0.0	0.015	54.8	8.00	3.21	217.3	0.0	0.0	0.0
236 DL	29.1	19.2	72.2	0.76	0.023	0.030	0.19	18.92	48.10	16.71	18.75	0.0	0.015	54.8	8.14	3.20	217.4	0.0	0.0	0.0
237 DL	29.2	19.7	75.5	0.76	0.023	0.031	0.20	18.91	48.11	16.72	18.75	0.0	0.015	54.8	8.14	3.25	217.4	0.0	0.0	0.0
238 DL	29.3	20.2	79.0	0.77	0.023	0.032	0.21	19.13	48.11	16.54	18.74	0.0	0.015	54.8	8.06	3.41	217.5	0.0	0.0	0.0
239 DL	29.2	20.5	81.7	0.78	0.023	0.032	0.21	19.44	48.11	16.28	18.72	0.0	0.015	54.9	7.94	3.50	217.5	0.0	0.0	0.0
240 DL	29.1	20.5	83.4	0.79	0.023	0.033	0.22	19.73	48.10	16.05	18.71	0.0	0.015	54.9	7.82	3.37	217.5	0.0	0.0	0.0
241 DL	29.0	20.5	83.6	0.80	0.023	0.032	0.22	19.96	48.10	15.88	18.70	0.0	0.015	54.9	7.74	3.35	217.6	0.0	0.0	0.0
242 DL	28.9	20.4	82.7	0.81	0.023	0.032	0.22	20.11	48.11	15.77	18.69	0.0	0.015	55.0	7.69	3.36	217.6	0.0	0.0	0.0
243 DL	28.8	20.3	82.0	0.81	0.023	0.032	0.21	20.15	48.10	15.74	18.69	0.0	0.015	55.0	7.67	3.34	217.5	0.0	0.0	0.0
244 DL	28.8	20.2	81.9	0.81	0.023	0.032	0.21	20.20	48.11	15.71	18.69	0.0	0.015	55.0	7.66	3.35	217.5	0.0	0.0	0.0
245 DL	28.8	19.8	79.7	0.81	0.023	0.031	0.21	20.20	48.10	15.70	18.69	0.0	0.015	55.0	7.66	3.36	217.4	0.0	0.0	0.0
246 DL	28.7	19.1	75.1	0.80	0.023	0.030	0.20	20.02	48.10	15.84	18.69	0.0	0.015	54.9	7.72	3.24	217.4	0.0	0.0	0.0
247 DL	28.8	18.6	71.8	0.79	0.023	0.029	0.19	19.60	48.10	16.16	18.71	0.0	0.015	54.9	7.87	3.13	217.3	0.0	0.0	0.0
248 DL	29.0	18.4	70.9	0.77	0.023	0.029	0.18	19.22	48.10	16.46	18.73	0.0	0.015	54.8	8.02	3.17	217.3	0.0	0.0	0.0
249 DL	29.1	18.4	71.9	0.76	0.023	0.029	0.19	19.04	48.11	16.61	18.74	0.0	0.015	54.8	8.09	3.17	217.3	0.0	0.0	0.0
250 DL	29.1	18.6	73.3	0.76	0.023	0.030	0.19	19.06	48.12	16.60	18.74	0.0	0.015	54.8	8.09	3.22	217.3	0.0	0.0	0.0
251 DL	29.1	18.7	74.2	0.77	0.023	0.030	0.19	19.13	48.10	16.53	18.74	0.0	0.015	54.8	8.05	3.18	217.3	0.0	0.0	0.0
252 DL	29.1	18.8	75.0	0.77	0.023	0.030	0.20	19.23	48.11	16.45	18.73	0.0	0.015	54.8	8.01	3.18	217.3	0.0	0.0	0.0
253 DL	29.0	18.8	75.6	0.77	0.023	0.030	0.20	19.31	48.11	16.39	18.73	0.0	0.015	54.8	7.98	3.18	217.3	0.0	0.0	0.0
254 DL	29.0	18.8	76.0	0.78	0.023	0.030	0.20	19.38	48.11	16.33	18.72	0.0	0.015	54.8	7.96	3.17	217.4	0.0	0.0	0.0
255 DL	28.9	18.8	75.6	0.78	0.023	0.030	0.20	19.43	48.10	16.29	18.72	0.0	0.015	54.8	7.93	3.13	217.4	0.0	0.0	0.0
256 DL	29.0	18.9	75.5	0.78	0.023	0.030	0.20	19.47	48.10	16.26	18.72	0.0	0.015	54.8	7.92	3.14	217.5	0.0	0.0	0.0
257 DL	29.0	19.0	75.7	0.78	0.023	0.030	0.20	19.49	48.10	16.25	18.72	0.0	0.015	54.8	7.91	3.14	217.7	0.0	0.0	0.0
258 DL	29.0	18.9	75.6	0.78	0.023	0.030	0.20	19.50	48.10	16.24	18.72	0.0	0.015	54.9	7.91	3.19	217.8	0.0	0.0	0.0
259 DL	28.9	18.9	75.9	0.78	0.023	0.030	0.20	19.51	48.10	16.23	18.72	0.0	0.015	54.9	7.91	3.18	217.9	0.0	0.0	0.0
260 DL	28.9	18.9	76.4	0.78	0.023	0.030	0.20	19.54	48.10	16.21	18.72	0.0	0.015	54.9	7.90	3.18	218.0	0.0	0.0	0.0
261 DL	28.9	19.0	77.0	0.79	0.023	0.030	0.20	19.58	48.10	16.18	18.71	0.0	0.015	54.9	7.88	3.17	218.1	0.0	0.0	0.0
262 DL	28.8	19.2	77.9	0.79	0.023	0.030	0.20	19.63	48.10	16.13	18.71	0.0	0.015	54.9	7.86	3.12	218.3	0.0	0.0	0.0
263 DL	28.9	19.4	78.3	0.79	0.023	0.031	0.20	19.72	48.10	16.06	18.71	0.0	0.015	54.9	7.83	3.16	218.4	0.0	0.0	0.0
264 DL	28.9	19.4	78.5	0.79	0.023	0.031	0.20	19.80	48.09	16.00	18.70	0.0	0.015	54.9	7.80	3.16	218.6	0.0	0.0	0.0
265 DL	28.9	19.5	78.7	0.80	0.023	0.031	0.21	19.86	48.10	15.96	18.70	0.0	0.015	55.0	7.78	3.21	218.7	0.0	0.0	0.0
266 DL	28.9	19.6	79.3	0.80	0.023	0.031	0.21	19.92	48.10	15.91	18.70	0.0	0.015	55.0	7.76	3.26	218.8	0.0	0.0	0.0
267 DL	28.9	19.6	79.7	0.80	0.023	0.031	0.21	19.99	48.10	15.86	18.70	0.0	0.015	55.0	7.74	3.30	219.0	0.0	0.0	0.0
268 DL	28.8	19.0	76.6	0.80	0.023	0.030	0.20	19.99	48.09	15.86	18.70	0.0	0.015	55.0	7.74	3.23	219.1	0.0	0.0	0.0
269 DL	28.8	18.5	69.7	0.79	0.023	0.029	0.18	19.65	48.09	16.11	18.71	0.0	0.015	54.8	7.85	3.06	219.1	0.0	0.0	0.0
270 DL	28.8	18.1	65.0	0.76	0.023	0.029	0.17	18.98	48.09	16.66	18.74	0.0	0.015	54.7	8.10	2.98	219.3	0.0	0.0	0.0
271 DL	28.9	18.1	64.2	0.74	0.023	0.029	0.17	18.40	48.09	17.15	18.77	0.0	0.015	54.6	8.35	2.98	219.4	0.0	0.0	0.0
272 DL	29.1	19.0	68.0	0.73	0.023	0.030	0.18	18.12	48.10	17.40	18.79	0.0	0.015	54.6	8.47	3.00	219.5	0.0	0.0	0.0
273 DL	29.3	20.2	75.9	0.73	0.023	0.032	0.20	18.32	48.10	17.22	18.78	0.0	0.015	54.7	8.39	3.18	219.6	0.0	0.0	0.0
274 DL	29.3	20.9	82.4	0.76	0.023	0.033	0.21	18.96	48.11	16.68	18.74	0.0	0.015	54.9	8.13	3.53	219.7	0.0	0.0	0.0
275 DL	29.2	21.2	85.6	0.79	0.023	0.034	0.22	19.59	48.09	16.16	18.71	0.0	0.015	54.9	7.87	3.45	219.8	0.0	0.0	0.0
276 DL	29.1	21.4	87.3	0.80	0.023	0.034	0.23	20.03	48.10	15.83	18.69	0.0	0.015	54.9	7.71	3.42	219.9	0.0	0.0	0.0
277 DL	28.9	21.6	88.3	0.82	0.023	0.034	0.23	20.31	48.09	15.61	18.68	0.0	0.015	55.0	7.61	3.34	220.0	0.0	0.0	0.0
278 DL	28.8	21.6	88.8	0.82	0.023	0.034	0.23	20.54	48.09	15.45	18.67	0.0	0.015	55.0	7.53	3.35	220.1	0.0	0.0	0.0
279 DL	28.7	21.4	87.6	0.83	0.023	0.034	0.23	20.70	48.10	15.34	18.66	0.0	0.015	55.1	7.48	3.43	220.2	0.0	0.0	0.0
280 DL	28.6	20.6	83.2	0.83	0.022	0.033	0.22	20.68	48.09	15.35	18.67	0.0	0.015	55.0	7.49	3.38	220.2	0.0	0.0	0.0
281 DL	28.6	19.9	77.0	0.82	0.022	0.032	0.20	20.32	48.08	15.61	18.68	0.0	0.015	54.9	7.60	3.14	220.3	0.0	0.0	0.0

282 DL	28.7	19.6	73.8	0.79	0.023	0.031	0.19	19.80	48.09	16.00	18.70	0.0	0.015	54.8	7.79	3.02	220.3	0.0	0.0	0.0
283 DL	28.9	19.7	74.2	0.78	0.023	0.031	0.19	19.41	48.09	16.31	18.72	0.0	0.015	54.9	7.95	3.07	220.3	0.0	0.0	0.0
284 DL	29.0	20.0	76.5	0.77	0.023	0.032	0.20	19.27	48.09	16.41	18.73	0.0	0.015	54.9	8.00	3.19	220.3	0.0	0.0	0.0
285 DL	29.1	20.3	79.0	0.78	0.023	0.032	0.21	19.35	48.09	16.35	18.72	0.0	0.015	54.9	7.97	3.27	220.3	0.0	0.0	0.0
286 DL	29.1	20.7	81.2	0.78	0.023	0.033	0.21	19.52	48.10	16.21	18.72	0.0	0.015	54.9	7.91	3.29	220.3	0.0	0.0	0.0
287 DL	29.1	21.1	83.1	0.79	0.023	0.033	0.22	19.76	48.08	16.03	18.71	0.0	0.015	55.0	7.82	3.49	220.3	0.0	0.0	0.0
288 DL	29.0	21.2	84.6	0.80	0.023	0.034	0.22	20.04	48.09	15.82	18.69	0.0	0.015	55.0	7.72	3.57	220.2	0.0	0.0	0.0
289 DL	28.9	21.0	84.3	0.81	0.023	0.033	0.22	20.28	48.09	15.64	18.68	0.0	0.015	55.1	7.64	3.60	220.1	0.0	0.0	0.0
290 DL	28.7	20.6	81.9	0.82	0.023	0.033	0.21	20.33	48.08	15.60	18.68	0.0	0.015	55.0	7.61	3.52	220.1	0.0	0.0	0.0
291 DL	28.6	20.5	80.5	0.81	0.022	0.033	0.21	20.23	48.09	15.67	18.68	0.0	0.015	55.1	7.65	3.38	220.1	0.0	0.0	0.0
292 DL	28.6	20.5	80.3	0.81	0.023	0.032	0.21	20.17	48.10	15.73	18.69	0.0	0.015	55.1	7.68	3.45	220.0	0.0	0.0	0.0
293 DL	28.7	20.5	81.2	0.81	0.023	0.032	0.21	20.17	48.09	15.72	18.69	0.0	0.015	55.1	7.68	3.48	220.0	0.0	0.0	0.0
294 DL	28.8	20.3	81.8	0.81	0.023	0.032	0.21	20.26	48.08	15.65	18.68	0.0	0.015	55.2	7.66	3.44	220.0	0.0	0.0	0.0
295 DL	28.7	19.8	79.5	0.81	0.023	0.031	0.21	20.28	48.09	15.64	18.68	0.0	0.015	55.2	7.65	3.40	220.0	0.0	0.0	0.0
296 DL	28.7	19.3	75.8	0.81	0.023	0.031	0.20	20.08	48.08	15.79	18.69	0.0	0.015	55.1	7.71	3.27	220.1	0.0	0.0	0.0
297 DL	28.8	19.0	72.9	0.79	0.023	0.030	0.19	19.71	48.09	16.07	18.71	0.0	0.015	55.0	7.85	3.20	220.2	0.0	0.0	0.0
298 DL	28.9	18.9	71.6	0.78	0.023	0.030	0.19	19.39	48.08	16.32	18.72	0.0	0.015	55.0	7.97	3.23	220.3	0.0	0.0	0.0
299 DL	29.1	19.0	72.0	0.77	0.023	0.030	0.19	19.21	48.09	16.47	18.73	0.0	0.015	55.0	8.04	3.29	220.4	0.0	0.0	0.0
300 DL	29.2	19.0	73.2	0.77	0.023	0.030	0.19	19.14	48.08	16.52	18.73	0.0	0.015	55.0	8.07	3.22	220.5	0.0	0.0	0.0
301 DL	29.3	19.2	74.5	0.77	0.023	0.030	0.19	19.18	48.09	16.48	18.73	0.0	0.015	55.0	8.06	3.26	220.5	0.0	0.0	0.0
302 DL	29.3	19.2	75.1	0.77	0.023	0.030	0.20	19.26	48.09	16.43	18.73	0.0	0.015	55.0	8.03	3.38	220.6	0.0	0.0	0.0
303 DL	29.3	19.1	73.5	0.77	0.023	0.030	0.19	19.27	48.08	16.41	18.73	0.0	0.015	55.0	8.02	3.42	220.7	0.0	0.0	0.0
304 DL	29.4	18.9	71.0	0.77	0.023	0.030	0.18	19.13	48.09	16.53	18.74	0.0	0.015	54.9	8.07	3.33	220.9	0.0	0.0	0.0
305 DL	29.5	18.9	69.8	0.76	0.023	0.030	0.18	18.89	48.09	16.73	18.75	0.0	0.015	54.9	8.16	3.37	221.1	0.0	0.0	0.0
306 DL	29.6	19.1	70.2	0.75	0.023	0.030	0.18	18.71	48.09	16.88	18.76	0.0	0.015	54.8	8.23	3.38	221.2	0.0	0.0	0.0
307 DL	29.7	19.3	71.2	0.75	0.023	0.031	0.19	18.63	48.08	16.94	18.76	0.0	0.015	54.8	8.26	3.31	221.3	0.0	0.0	0.0
308 DL	29.7	19.4	72.0	0.75	0.023	0.031	0.19	18.64	48.08	16.93	18.76	0.0	0.015	54.8	8.26	3.28	221.4	0.0	0.0	0.0
309 DL	29.8	19.5	73.0	0.75	0.023	0.031	0.19	18.68	48.09	16.90	18.76	0.0	0.015	54.8	8.24	3.26	221.5	0.0	0.0	0.0
310 DL	29.9	19.6	73.6	0.75	0.023	0.031	0.19	18.75	48.09	16.84	18.75	0.0	0.015	54.8	8.21	3.30	221.6	0.0	0.0	0.0
311 DL	29.8	19.2	70.8	0.75	0.023	0.030	0.18	18.79	48.09	16.81	18.75	0.0	0.015	54.8	8.19	3.32	221.7	0.0	0.0	0.0
312 DL	29.4	17.5	53.5	0.73	0.023	0.028	0.14	18.30	48.08	17.24	18.78	0.0	0.015	54.4	8.37	3.33	221.8	0.0	0.0	0.0
313 DL	27.9	14.5	30.7	0.65	0.022	0.023	0.08	16.26	48.09	19.31	18.90	0.0	0.014	51.1	8.86	2.98	221.9	0.0	0.0	0.0
314 DL	25.5	11.6	16.6	0.53	0.020	0.018	0.04	13.12	48.10	23.65	19.16	0.0	0.014	48.7	10.45	2.49	222.0	0.0	0.0	0.0
315 DL	23.1	9.3	9.8	0.40	0.018	0.015	0.03	10.02	48.10	30.31	19.58	0.0	0.013	46.0	12.92	2.28	222.0	0.0	0.0	0.0
316 DL	20.9	7.7	6.7	0.31	0.016	0.012	0.02	7.61	48.11	38.70	20.14	0.0	0.012	43.6	16.08	2.14	222.1	0.0	0.0	0.0
317 DL	19.1	6.6	5.2	0.24	0.015	0.010	0.01	6.04	48.12	47.21	20.75	0.0	0.012	41.5	19.28	2.09	222.2	0.0	0.0	0.0
318 DL	17.6	5.6	4.4	0.20	0.014	0.009	0.01	4.95	48.14	55.74	21.39	0.0	0.011	39.6	22.41	2.04	222.3	0.0	0.0	0.0
319 DL	16.3	4.8	4.0	0.16	0.013	0.008	0.01	4.04	48.13	65.80	22.20	0.0	0.011	38.0	26.30	2.01	222.3	0.0	0.0	0.0
320 DL	15.3	4.3	3.6	0.13	0.012	0.007	0.01	3.24	48.14	78.01	23.27	0.0	0.010	36.2	31.22	2.01	222.4	0.0	0.0	0.0
321 DL	14.5	4.0	3.4	0.11	0.011	0.006	0.01	2.69	48.16	89.42	24.37	0.0	0.010	34.5	35.77	2.00	222.4	0.0	0.0	0.0
322 DL	13.8	3.8	3.1	0.09	0.011	0.006	0.01	2.34	48.16	98.75	25.35	0.0	0.009	32.9	39.13	1.95	222.4	0.0	0.0	0.0
323 DL	13.1	3.5	3.0	0.08	0.010	0.006	0.01	2.02	48.16	109.07	26.53	0.0	0.009	31.3	42.97	2.03	222.3	0.0	0.0	0.0
324 DL	12.5	3.3	2.8	0.07	0.010	0.005	0.01	1.68	48.18	122.68	28.26	0.0	0.008	29.9	49.07	2.03	222.3	0.0	0.0	0.0
325 DL	12.0	3.2	2.6	0.06	0.009	0.005	0.01	1.41	48.18	136.36	30.25	0.0	0.008	30.4	59.40	2.02	222.2	0.0	0.0	0.0
326 DL	11.5	3.1	2.5	0.05	0.009	0.005	0.01	1.25	48.19	145.91	31.82	0.0	0.008	29.6	65.44	2.00	222.1	0.0	0.0	0.0
327 DL	11.0	2.9	2.4	0.05	0.009	0.005	0.01	1.13	48.20	153.97	33.28	0.0	0.008	27.0	65.82	1.99	222.1	0.0	0.0	0.0
328 DL	10.6	2.6	2.3	0.04	0.008	0.004	0.01	0.99	48.20	164.68	35.41	0.0	0.007	24.9	69.09	1.98	221.9	0.0	0.0	0.0
329 DL	10.1	2.5	2.3	0.03	0.008	0.004	0.01	0.84	48.22	178.08	38.53	0.0	0.006	23.1	75.48	1.97	221.9	0.0	0.0	0.0
330 DL	9.8	2.5	2.3	0.03	0.008	0.004	0.01	0.73	48.22	188.67	41.42	0.0	0.006	22.0	81.48	1.98	221.8	0.0	0.0	0.0
331 DL	9.6	2.9	2.7	0.03	0.008	0.005	0.01	0.69	48.23	193.56	42.91	2.4	0.006	22.7	89.43	1.95	221.6	0.0	0.0	0.0
332 DL	9.8	3.9	3.0	0.03	0.008	0.006	0.01	0.70	48.24	191.74	42.34	1.0	0.006	22.3	85.83	2.12	221.5	0.0	0.0	0.0
333 DL	10.4	4.9	3.2	0.03	0.008	0.008	0.01	0.71	48.24	190.71	42.02	1.0	0.005	19.3	74.26	2.09	221.4	0.0	0.0	0.0
334 DL	10.9	5.2	4.5	0.03	0.009	0.008	0.01	0.72	48.24	189.41	41.63	1.0	0.005	16.4	61.80	1.95	221.2	0.0	0.0	0.0
335 DL	11.1	5.3	5.9	0.03	0.009	0.008	0.02	0.85	48.25	176.47	38.10	1.0	0.004	14.3	45.85	2.53	221.0	0.0	0.0	0.0
336 DL	11.1	5.2	8.0	0.04	0.009	0.008	0.02	1.06	48.25	158.53	34.12	1.0	0.003	11.1	28.66	2.52	221.0	0.0	0.0	0.0
337 DL	11.0	5.0	9.1	0.05	0.009	0.008	0.02	1.37	48.26	138.85	30.62	1.0	0.003	10.2	20.43	3.49	220.9	0.0	0.0	0.0
338 DL	10.9	4.8	8.6	0.06	0.009	0.008	0.02	1.61	48.26	125.90	28.71	1.0	0.003	11.2	19.03	3.24	220.8	0.0	0.0	0.0
339 DL	10.8	4.7	8.0	0.07	0.009	0.007	0.02	1.74	48.26	120.32	27.96	1.0	0.003	11.1	17.62	2.88	220.7	0.0	0.0	0.0
340 DL	10.7	4.5	7.2	0.07	0.008	0.007	0.02	1.78	48.26	118.72	27.75	1.0	0.002	8.4	13.43	2.64	220.5	0.0	0.0	0.0

341	DL	10.6	4.4	7.2	0.07	0.008	0.007	0.02	1.76	48.27	119.25	27.82	0.9	0.001	4.8	7.77	2.54	220.4	0.0	0.0	0.0
342	DL	10.5	4.4	9.0	0.07	0.008	0.007	0.02	1.80	48.29	117.58	27.60	0.0	0.001	3.1	4.83	2.90	220.2	0.0	0.0	0.0
343	DL	10.2	4.3	11.0	0.08	0.008	0.007	0.03	1.98	48.28	110.98	26.76	0.0	0.001	1.8	2.68	3.37	219.9	0.0	0.0	0.0
344	DL	10.0	4.3	12.6	0.09	0.008	0.007	0.03	2.20	48.29	103.34	25.87	0.0	0.000	1.4	1.80	3.47	219.7	0.0	0.0	0.0
345	DL	9.7	4.3	13.8	0.10	0.008	0.007	0.04	2.42	48.29	96.78	25.14	0.0	0.000	0.9	1.10	3.76	219.6	0.0	0.0	0.0
346	DL	9.5	4.4	14.6	0.11	0.007	0.007	0.04	2.65	48.30	90.78	24.52	0.0	0.000	0.4	0.45	3.87	219.4	0.0	0.0	0.0
347	DL	9.3	4.5	15.2	0.11	0.007	0.007	0.04	2.86	48.30	85.92	24.03	0.0	0.000	0.0	1.02	3.87	219.3	0.0	0.0	0.0
348	DL	9.1	4.4	15.6	0.12	0.007	0.007	0.04	3.02	48.31	82.65	23.72	0.0	0.000	0.0	1.08	3.94	219.3	0.0	0.0	0.0
349	DL	8.9	4.4	15.6	0.12	0.007	0.007	0.04	3.13	48.30	80.47	23.51	0.0	0.000	0.0	1.12	3.96	219.2	0.0	0.0	0.0
350	DL	8.8	4.5	15.6	0.13	0.007	0.007	0.04	3.22	48.32	78.76	23.35	0.0	0.000	0.0	1.15	4.04	219.2	0.0	0.0	0.0
351	DL	8.6	4.5	15.6	0.13	0.007	0.007	0.04	3.30	48.31	77.33	23.22	0.0	0.000	0.0	1.18	3.97	219.1	0.0	0.0	0.0
352	DL	8.5	4.4	15.7	0.13	0.007	0.007	0.04	3.36	48.32	76.34	23.13	0.0	0.000	0.0	1.20	3.88	219.1	0.0	0.0	0.0
353	DL	8.4	4.4	15.6	0.14	0.007	0.007	0.04	3.39	48.32	75.69	23.07	0.0	0.000	0.0	1.21	3.91	219.1	0.0	0.0	0.0
354	DL	8.3	4.4	15.5	0.14	0.007	0.007	0.04	3.42	48.32	75.20	23.03	0.0	0.000	0.0	1.22	3.90	219.0	0.0	0.0	0.0
355	DL	8.2	4.4	15.6	0.14	0.006	0.007	0.04	3.45	48.32	74.73	22.99	0.0	0.000	0.0	1.23	3.86	219.0	0.0	0.0	0.0
356	DL	8.1	4.4	15.6	0.14	0.006	0.007	0.04	3.48	48.33	74.33	22.95	0.0	0.000	0.0	1.24	3.91	218.9	0.0	0.0	0.0
357	DL	8.0	4.5	15.5	0.14	0.006	0.007	0.04	3.49	48.33	74.09	22.93	0.0	0.000	0.0	1.25	3.89	218.9	0.0	0.0	0.0

Test #: 1065 Commuter

Date: 5/10/94

Test cycle results

CO (g/mi) =	1.34
CO2 (g/mi) =	167.12
NOx (g/mi) =	5.14

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
12:00:09	267.40	2.41	235.41	97.68	56.17	77.31	682.37							
12:00:10	267.40	2.41	235.41	97.68	56.17	77.06	682.37							
12:00:11	267.28	2.51	235.41	95.24	56.17	77.06	681.36							
12:00:12	267.28	2.51	235.41	95.24	56.17	77.06	681.36	12.7448	13.1704	0.1131	0.0019	0.0028	0.0023	0.0000
12:00:13	267.28	2.54	235.41	95.24	56.17	77.06	682.37	12.7448	13.1704	0.1131	0.0039	0.0056	0.0047	0.0001
12:00:14	267.28	2.61	235.90	95.24	56.17	77.06	683.90	12.4262	12.8578	0.1131	0.0057	0.0083	0.0071	0.0001
12:00:15	267.15	2.65	301.83	95.24	56.17	77.06	681.86	12.4262	12.8578	0.1131	0.0076	0.0110	0.0096	0.0001
12:00:16	267.28	2.68	301.83	95.24	56.17	77.06	683.39	12.4262	12.8639	0.1131	0.0095	0.0137	0.0120	0.0002
12:00:17	267.28	2.75	301.34	95.24	56.17	77.06	683.39	12.4262	12.8760	0.1131	0.0114	0.0165	0.0146	0.0002
12:00:18	267.28	2.83	301.83	95.24	56.17	77.06	681.86	12.4262	12.8827	0.1131	0.0133	0.0200	0.0172	0.0002
12:00:19	190.96	2.88	301.83	95.24	56.17	77.06	681.86	12.4262	12.8874	0.0000	0.0152	0.0235	0.0172	0.0002
12:00:20	190.96	2.88	301.83	95.24	56.17	77.06	682.88	12.4262	12.9001	0.1131	0.0170	0.0270	0.0198	0.0003
12:00:21	190.96	2.97	301.34	94.02	56.17	77.06	683.39	12.4262	12.9136	0.1131	0.0189	0.0305	0.0226	0.0003
12:00:22	190.96	3.01	301.34	94.02	54.95	77.06	680.34	12.4262	12.9198	0.1131	0.0203	0.0340	0.0254	0.0003
12:00:23	190.96	3.05	301.83	94.02	56.17	77.06	680.34	12.4262	12.9198	0.1131	0.0216	0.0375	0.0282	0.0003
12:00:24	190.96	3.08	367.77	94.02	57.39	77.06	681.86	12.2669	12.7695	0.1131	0.0230	0.0409	0.0311	0.0004
12:00:25	190.96	3.12	367.28	97.68	58.61	77.06	681.86	12.2669	12.7768	0.1131	0.0243	0.0444	0.0340	0.0004
12:00:26	190.96	3.16	367.77	98.90	57.39	77.06	681.86	12.2669	12.7828	0.1131	0.0256	0.0479	0.0370	0.0004
12:00:27	191.09	3.19	367.77	98.90	57.39	77.06	681.86	12.2669	12.7887	0.1131	0.0270	0.0521	0.0400	0.0005
12:00:28	190.96	3.22	367.77	98.46	57.39	77.06	682.88	12.7448	13.2932	0.1131	0.0284	0.0565	0.0430	0.0005
12:00:29	153.36	3.25	367.77	98.46	56.17	77.06	682.88	12.9041	13.4664	0.1131	0.0298	0.0610	0.0461	0.0005
12:00:30	153.36	3.28	367.28	97.68	56.17	77.06	693.56	12.9041	13.4720	0.1131	0.0312	0.0654	0.0492	0.0006
12:00:31	153.36	3.31	367.28	97.68	56.17	77.06	764.24	12.5855	13.1448	0.1131	0.0326	0.0698	0.0523	0.0006
12:00:32	153.36	3.31	367.28	97.68	57.39	77.06	836.44	12.5855	13.1501	0.1131	0.0337	0.0741	0.0555	0.0006
12:00:33	153.36	3.35	367.77	101.34	61.05	77.06	963.56	12.7448	13.3207	0.4523	0.0348	0.0785	0.0682	0.0008
12:00:34	153.36	3.36	369.72	111.11	64.71	77.06	1050.00	12.7448	13.3262	2.9401	0.0359	0.0829	0.1518	0.0016
12:00:35	153.36	3.36	369.72	111.11	64.71	77.06	1050.00	12.7448	13.3262	3.2793	0.0370	0.0873	0.2451	0.0025
12:00:36	153.36	3.38	369.72	158.73	79.37	77.06	1367.29	13.2227	13.8331	4.4102	0.0382	0.0919	0.3721	0.0037
12:00:37	153.36	3.40	369.23	196.58	89.13	77.06	1620.51	14.4972	15.1696	5.4279	0.0395	0.0969	0.5290	0.0052
12:00:38	153.36	3.40	369.23	341.88	142.86	77.06	1874.75	14.4972	15.1696	5.4279	0.0407	0.1020	0.6860	0.0067
12:00:39	153.36	3.40	369.23	341.88	142.86	77.06	1874.75	20.7103	21.6753	8.4811	0.0426	0.1092	0.9324	0.0091
12:00:40	126.37	3.42	369.23	616.61	218.56	77.06	1832.54	25.6489	26.8538	9.9511	0.0448	0.1181	1.2239	0.0118
12:00:41	126.37	3.42	369.23	1003.66	369.96	77.31	1449.66	44.6068	46.7023	12.6651	0.0487	0.1336	1.5948	0.0154
12:00:42	126.37	3.46	369.23	854.70	366.30	77.06	1765.42	44.6068	46.7023	12.6651	0.0526	0.1491	1.9657	0.0189
12:00:43	126.37	3.46	369.23	854.70	366.30	77.06	1765.42	80.4516	84.2443	15.9444	0.0585	0.1771	2.4349	0.0233
12:00:44	126.37	3.47	369.23	1051.28	422.47	77.06	1870.17	130.9529	137.1264	16.3967	0.0680	0.2226	2.9173	0.0279
12:00:45	126.37	3.47	373.14	1271.06	481.07	77.06	1357.12	111.5171	116.8350	19.2237	0.0760	0.2614	3.4894	0.0332
12:00:46	126.50	3.47	373.14	1003.66	427.35	77.06	1121.19	111.5171	116.8350	19.2237	0.0841	0.3002	4.0614	0.0385
12:00:47	126.37	3.49	373.63	766.79	362.64	77.06	1162.37	137.1660	143.7294	21.2592	0.0941	0.3479	4.6962	0.0444
12:00:48	126.37	3.49	373.63	766.79	362.64	77.31	1162.37	165.8418	173.7773	23.4077	0.1061	0.4063	5.3952	0.0509
12:00:49	126.50	3.50	373.63	504.27	266.18	77.06	1242.20	130.9529	137.2191	24.5386	0.1156	0.4523	6.1279	0.0578
12:00:50	106.72	3.50	373.14	431.01	239.32	77.06	1296.10	100.0468	104.8558	25.4432	0.1229	0.4875	6.8910	0.0648
12:00:51	106.72	3.50	373.14	431.01	239.32	77.06	1296.10	100.0468	104.8558	25.4432	0.1301	0.5228	7.6541	0.0719
12:00:52	106.59	3.51	373.63	404.15	227.11	77.06	1324.07	65.7951	68.9685	27.1394	0.1349	0.5459	8.4709	0.0794
12:00:53	106.59	3.51	373.14	398.05	222.22	77.06	1366.78	56.2365	58.9467	28.0441	0.1383	0.5657	9.3148	0.0872
12:00:54	106.72	3.51	373.63	457.88	234.43	77.31	1457.80	56.2365	58.9467	28.0441	0.1418	0.5855	10.1588	0.0950
12:00:55	106.59	3.51	389.26	564.10	274.73	77.31	1517.80	52.7316	55.2815	29.0618	0.1450	0.6041	11.0363	0.1031
12:00:56	106.59	3.51	389.26	564.10	274.73	77.06	1517.80	51.9351	54.4465	29.8534	0.1482	0.6224	11.9378	0.1114
12:00:57	106.72	3.51	389.26	1048.84	427.35	77.31	1646.44	59.7413	62.6302	31.7757	0.1518	0.6434	12.8972	0.1202
12:00:58	106.72	3.52	389.74	1175.82	467.64	77.06	1253.90	73.6013	77.1603	33.2458	0.1563	0.6704	13.9011	0.1294
12:00:59	106.72	3.52	389.74	1175.82	467.64	77.06	1253.90	73.6013	77.1603	33.2458	0.1608	0.6974	14.9050	0.1387
12:01:00	145.42	3.55	389.26	884.00	424.91	77.31	1276.27	136.8474	143.4648	36.0728	0.1692	0.7476	15.9942	0.1487
12:01:01	145.42	3.57	389.26	753.36	380.95	77.31	1298.64	153.4156	160.8593	37.7690	0.1786	0.8040	17.1384	0.1592
12:01:02	145.42	3.59	389.26	654.46	334.55	77.31	1334.75	153.4156	160.8593	37.7690	0.1880	0.8604	18.2827	0.1697
12:01:03	145.54	3.63	389.26	634.92	326.01	77.31	1356.61	115.3405	120.9831	38.5806	0.1977	0.9028	19.4587	0.1804
12:01:04	145.54	3.63	389.26	634.92	326.01	77.31	1356.61	98.2943	103.1351	39.2391	0.2059	0.9389	20.6633	0.1913
12:01:05	145.54	3.74	403.91	587.30	294.26	77.06	1381.02	85.3902	89.6234	40.2568	0.2130	0.9702	21.9072	0.2025
12:01:06	145.42	3.87	403.91	550.67	266.18	77.06	1416.10	82.8413	86.9887	40.9353	0.2199	1.0007	23.1845	0.2138
12:01:07	145.42	3.87	403.91	550.67	266.18	77.06	1416.10	82.8413	86.9887	40.9353	0.2269	1.0311	24.4618	0.2252
12:01:08	145.42	3.94	403.91	547.01	262.52	77.31	1430.34	76.6282	80.5857	41.8399	0.2333	1.0604	25.8081	0.2368
12:01:09	145.42	4.01	403.91	551.89	261.29	77.31	1443.56	71.8489	75.6929	42.7446	0.2393	1.0879	27.2323	0.2487
12:01:10	298.78	4.15	403.91	561.66	268.62	77.31	1465.42	71.8489	75.6929	42.7446	0.2453	1.1154	28.6565	0.2606
12:01:11	298.78	4.25	403.42	586.08	271.06	77.06	1480.68	71.3709	75.2596	43.1969	0.2513	1.1427	30.1218	0.2726
12:01:12	298.78	4.25	403.42	586.08	271.06	77.06	1480.68	72.0082	76.0024	43.6492	0.2574	1.1704	31.6290	0.2847

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			

12:01:13	298.78	4.56	403.42	711.84	315.02	77.31	1527.46	73.2827	77.5137	44.1015	0.2701	1.1985	33.2050	0.2970
12:01:14	298.78	4.56	403.42	711.84	315.02	77.31	1527.46	76.4689	80.9887	44.6669	0.2833	1.2279	34.8388	0.3094
12:01:15	298.66	4.75	403.42	750.92	340.66	77.31	1553.39	76.4689	80.9887	44.6669	0.2966	1.2573	36.4726	0.3218
12:01:16	298.78	4.84	674.48	825.40	377.29	77.31	1568.65	92.8778	98.7754	46.1370	0.3127	1.2931	38.2841	0.3346
12:01:17	298.78	5.03	674.48	881.56	402.93	77.31	1581.87	92.8778	98.7754	46.1370	0.3289	1.3290	40.0956	0.3474
12:01:18	298.66	5.13	674.48	913.31	474.97	77.55	1593.05	97.9757	104.4503	46.7024	0.3460	1.3688	42.0030	0.3604
12:01:19	298.66	5.25	673.99	896.21	459.10	77.55	1608.31	107.6936	114.9529	47.4940	0.3648	1.4366	43.9811	0.3736
12:01:20	499.51	5.42	673.99	915.75	422.47	77.55	1624.07	115.0219	123.0797	47.7201	0.3849	1.5112	46.0455	0.3868
12:01:21	499.51	5.64	673.99	931.62	396.83	77.31	1642.88	119.1640	127.6830	48.0594	0.4058	1.5887	48.1665	0.4002
12:01:22	499.51	5.64	673.99	931.62	396.83	77.31	1642.88	116.9336	125.4872	48.6248	0.4263	1.6647	50.3615	0.4137
12:01:23	499.39	5.80	674.48	942.61	390.72	77.55	1659.15	119.4826	128.5543	49.0771	0.4614	1.7427	52.6478	0.4273
12:01:24	499.63	5.91	673.99	968.25	385.84	77.31	1665.76	121.5536	131.1670	49.6425	0.4973	1.8222	55.0555	0.4411
12:01:25	499.51	6.12	944.57	967.03	379.73	77.31	1667.29	121.5536	131.1670	49.6425	0.5332	1.9017	57.4632	0.4549
12:01:26	499.51	6.23	944.57	921.86	371.18	77.31	1667.29	122.9874	132.9945	49.9817	0.5696	1.9824	59.9561	0.4688
12:01:27	499.51	6.49	944.57	875.46	349.21	77.31	1673.90	126.3329	136.8161	50.4341	0.6070	2.0653	62.5208	0.4828
12:01:28	499.51	6.49	944.57	875.46	349.21	77.31	1683.56	128.1738	137.0233	50.3210	0.6445	2.1817	65.1709	0.4968
12:01:29	499.51	6.83	944.57	952.38	396.83	77.55	1712.54	120.2791	130.8032	50.4341	0.6802	2.2928	67.8728	0.5108
12:01:30	499.39	6.94	944.57	952.38	396.83	77.55	1712.54	114.2254	124.6412	50.5471	0.7143	2.3987	70.6927	0.5248
12:01:31	499.39	6.94	944.08	978.02	409.04	77.31	1700.85	114.2254	124.6412	50.8864	0.7484	2.5046	73.5316	0.5390
12:01:32	499.63	7.15	944.08	885.23	393.16	77.31	1726.27	124.2619	136.2061	51.6780	0.7857	2.6203	76.5674	0.5533
12:01:33	499.63	7.15	944.08	885.23	393.16	77.31	1726.27	124.2619	136.4085	51.6780	0.8229	2.7361	79.6536	0.5677
12:01:34	499.51	7.27	944.57	919.41	406.59	77.31	1731.87	127.6074	140.0811	51.2256	0.8612	2.8551	82.7127	0.5819
12:01:35	499.63	7.34	1031.50	974.38	415.14	77.55	1719.66	115.4998	127.1410	52.0172	0.8960	2.9630	85.9134	0.5963
12:01:36	499.51	7.49	1031.01	885.23	402.93	77.55	1722.71	115.4998	127.1410	52.0172	0.9308	3.0710	89.1141	0.6108
12:01:37	499.51	7.55	1031.01	887.67	395.60	77.55	1736.95	119.9605	132.2608	52.1303	0.9670	3.1833	92.3761	0.6253
12:01:38	499.39	7.55	1031.01	887.67	395.60	77.55	1736.95	127.1295	140.2868	51.7910	1.0054	3.3135	95.6464	0.6397
12:01:39	499.51	7.59	1031.01	920.63	401.71	77.31	1745.59	115.4998	127.7013	51.9041	1.0403	3.4319	98.9901	0.6541
12:01:40	499.51	7.66	1031.01	970.70	439.58	77.31	1728.82	115.8185	128.1583	52.4695	1.0753	3.5507	102.3985	0.6687
12:01:41	499.51	7.66	1031.01	970.70	439.58	77.31	1728.82	115.8185	128.1583	52.4695	1.1104	3.6695	105.8068	0.6832
12:01:42	499.51	7.73	1031.01	857.14	422.47	77.55	1742.54	120.1198	132.9927	52.8088	1.1467	3.7928	109.2566	0.6979
12:01:43	499.51	7.75	1031.01	847.37	410.26	77.31	1754.75	126.6516	140.3892	52.2434	1.1851	3.9230	112.7099	0.7124
12:01:44	499.51	7.77	1031.50	890.11	413.92	77.55	1765.42	126.6516	140.3892	52.2434	1.2235	4.0532	116.1632	0.7269
12:01:45	499.51	7.79	1118.93	985.35	438.34	77.55	1751.70	111.8357	124.0360	52.6957	1.2574	4.1682	119.6659	0.7416
12:01:46	499.51	7.80	1118.93	920.63	427.35	77.55	1747.63	110.5612	122.6600	52.9218	1.2910	4.2819	123.1942	0.7563
12:01:47	499.51	7.80	1118.44	851.04	398.83	77.55	1763.39	116.1371	128.8855	53.3742	1.3262	4.4015	126.7635	0.7711
12:01:48	499.63	7.80	1118.93	879.12	391.94	77.55	1773.05	128.5633	142.6976	52.8088	1.3653	4.5451	130.3003	0.7858
12:01:49	499.63	7.80	1118.93	879.12	391.94	77.55	1773.05	120.1198	133.3531	52.6957	1.4017	4.6793	133.8366	0.8004
12:01:50	499.51	7.77	1118.93	1030.52	433.48	77.55	1792.37	111.0392	123.2720	53.2611	1.4354	4.8033	137.4108	0.8152
12:01:51	499.51	7.71	1118.93	1102.56	444.44	77.55	1788.31	114.7033	127.3399	53.4873	1.4703	4.9314	141.0002	0.8300
12:01:52	499.39	7.71	1118.93	1102.56	444.44	77.55	1788.31	114.7033	127.3399	53.4873	1.5051	5.0596	144.5896	0.8449
12:01:53	499.39	7.68	1118.93	1069.60	438.34	77.31	1792.88	134.4576	149.2019	54.1657	1.5459	5.2097	148.2082	0.8599
12:01:54	499.63	7.60	950.43	998.78	428.13	77.55	1799.49	143.8570	159.5098	54.0527	1.5895	5.3702	151.7920	0.8750
12:01:55	499.51	7.55	950.43	981.68	420.02	77.55	1804.58	143.8570	159.5098	54.0527	1.6332	5.5307	155.3758	0.8900
12:01:56	499.51	7.49	950.43	984.13	428.13	77.55	1809.66	139.5557	154.6851	54.0527	1.6755	5.6884	158.9468	0.9050
12:01:57	499.63	7.44	950.43	1012.21	424.91	77.31	1815.26	130.3157	144.2886	54.2788	1.7149	5.8097	162.4946	0.9201
12:01:58	499.51	7.38	950.43	1051.28	424.91	77.55	1819.83	128.0853	141.7322	54.3919	1.7537	5.9309	166.0278	0.9352
12:01:59	499.51	7.31	950.43	1094.02	428.13	77.31	1824.41	128.4040	141.9759	54.7311	1.7925	6.0522	169.5554	0.9504
12:02:00	499.51	7.24	950.43	1094.02	428.13	77.31	1824.41	132.0681	145.9229	54.9573	1.8324	6.1769	173.0718	0.9656
12:02:01	499.51	7.20	950.43	1122.10	435.90	77.55	1830.00	137.1660	151.4472	54.9573	1.8738	6.3064	176.5624	0.9809
12:02:02	499.51	7.11	950.43	1114.77	450.55	77.55	1832.54	142.7419	157.4505	55.1835	1.9169	6.4410	180.0321	0.9962
12:02:03	499.39	7.05	950.92	1129.43	460.32	77.55	1832.54	142.7419	157.3137	55.1835	1.9599	6.5754	183.4703	1.0116
12:02:04	499.39	6.98	782.42	1135.53	474.97	77.31	1839.66	146.4060	161.2528	55.1835	2.0040	6.7133	186.8862	1.0269
12:02:05	499.51	6.90	782.42	1148.96	525.03	77.55	1844.24	145.4501	160.0116	55.4096	2.0478	6.8500	190.2733	1.0423
12:02:06	499.63	6.85	781.93	1152.63	514.04	77.31	1847.29	147.3619	161.9986	55.5227	2.0921	6.9886	193.6413	1.0577
12:02:07	499.51	6.76	782.42	1163.61	518.93	77.55	1851.87	148.1584	162.8826	55.6358	2.1366	7.1030	196.9731	1.0732
12:02:08	499.51	6.76	782.42	1163.61	518.93	77.55	1851.87	149.9108	164.4720	55.6358	2.1815	7.2188	200.2751	1.0888
12:02:09	499.51	6.65	782.91	1181.93	493.28	77.55	1857.97	150.3887	164.8865	55.8620	2.2266	7.3347	203.5660	1.1041
12:02:10	499.51	6.55	782.91	1221.00	470.09	77.55	1860.51	151.8225	166.2539	55.9750	2.2721	7.4517	206.8185	1.1197
12:02:11	499.63	6.50	782.42	1225.89	457.88	77.55	1864.07	151.8225	166.2539	55.9750	2.3176	7.5687	210.0710	1.1352
12:02:12	499.63	6.50	782.42	1225.89	457.88	77.55	1864.07	154.2122	168.8458	56.0881	2.3637	7.6874	213.2811	1.1508
12:02:13	499.51	6.42	782.42	1212.45	450.55	77.55	1867.12	159.3101	173.9888	56.0881	2.4113	7.8099	216.4422	1.1664
12:02:14	499.51	6.37	782.42	1219.78	446.89	77.31	1869.66	159.9473	174.5684	56.3143	2.4590	7.9328	219.5915	1.1820
12:02:15	499.51	6.26	706.23	1295.48	455.43	77.31	1877.29	159.9473	174.5684	56.3143	2.5068	8.0556	222.7408	1.1977
12:02:16	499.51	6.26	706.23	1295.48	455.43	77.31	1877.29	158.1949	172.4609	56.4273	2.5540	8.1770	225.8547	1.2134
12:02:17	499.51	6.22	706.72	1291.82	455.43	77.55	1878.31	159.1508	173.3962	56.4273	2.6014	8.2990	228.9458	1.2290
12:02:18	499.39	6.15	706.72	1288.62	450.55	77.55	1873.73	169.0280	183.8930	56.5404	2.6517	8.4158	231.9900	1.2447
12:02:19	499.51	6.11	706.23	1175.82	438.34	77.31	1869.15	169.0280	183.8930	56.5404	2.7020	8.5328	235.0342	1.2604
12:02:20	499.51	6.06	706.23	1098.46	427.35	77.31	1869.15	168.5501	183.2789	56.6535	2.7521	8.6491	238.0654	1.2762
12:02:21	499.51	6.06	706.23	1098.46	427.35	77.31	1869.15	165.5232	179.8119	56.6535	2.8012	8.7633	241.0605	1.2919
12:02:22	499.51	5.96	706.72	1026.86	423.69	77.55	1871.70	153.4156	166.5822	56.4273	2.8468	8.8691	244.0266	1.3076
12:02:23	499.51	5.88	706.23	1057.39	433.48	77.31	1861.53	143.0605	155.2266	56.3143	2.8893	8.9677	246.9602	1.3232
12:02:24	499.51	5.88	706.23	1057.39	433.48	77.31	1861.53	143.0605	155.2266	56.3143	2.9317	9.0663	249.8938	1.3389

12:02:25	499.39	5.85	628.08	1003.66	428.57	77.31	1853.90	133.9798	145.1945	56.5404	2.9714	9.1586	252.7937	1.3546
12:02:26	499.51	5.81	628.08	940.17	420.02	77.31	1858.98	137.9626	149.3570	56.0881	3.0123	9.2535	255.6327	1.3702
12:02:27	499.51	5.79	628.08	909.65	407.81	77.06	1861.02	137.9626	149.3570	56.0881	3.0531	9.3483	258.4716	1.3857
12:02:28	499.51	5.76	628.57	929.18	405.37	77.31	1865.09	130.9529	141.7101	56.0881	3.0919	9.4284	261.2955	1.4013
12:02:29	499.51	5.75	628.08	1030.52	412.70	77.31	1869.15	122.6688	132.6704	56.0881	3.1281	9.5033	264.0987	1.4169
12:02:30	499.51	5.74	628.08	1089.13	433.46	77.31	1872.71	118.6860	128.3365	56.0881	3.1632	9.5758	266.8944	1.4325
12:02:31	499.51	5.69	628.08	1175.82	463.98	77.06	1871.70	121.2350	131.0388	56.2012	3.1991	9.6499	269.6805	1.4481
12:02:32	499.51	5.69	628.08	1175.82	463.98	77.06	1871.70	134.4576	145.3008	56.5404	3.2388	9.7320	272.4759	1.4638
12:02:33	499.51	5.69	628.08	1146.52	467.64	77.31	1867.63	142.1046	153.5408	56.5404	3.2808	9.8187	275.2657	1.4795
12:02:34	499.39	5.65	628.08	1095.24	460.32	77.06	1870.17	153.4156	165.6597	56.6535	3.3261	9.9123	278.0381	1.4952
12:02:35	499.51	5.65	608.06	1064.71	456.65	77.31	1870.17	153.4156	165.6597	56.6535	3.3714	10.0058	280.8105	1.5110
12:02:36	499.51	5.62	607.57	1045.18	440.78	77.06	1870.17	149.5922	161.5311	56.5404	3.4158	10.0971	283.5775	1.5267
12:02:37	499.51	5.62	607.57	1045.18	440.78	77.06	1870.17	142.9012	154.2346	56.5404	3.4578	10.1842	286.3273	1.5424
12:02:38	499.51	5.62	607.57	1067.16	439.56	77.06	1872.71	138.9184	149.9360	56.3143	3.4988	10.2662	289.0661	1.5580
12:02:39	402.44	5.58	608.06	1117.22	472.53	77.31	1874.75	136.3693	147.1242	56.5404	3.5390	10.3466	291.8007	1.5737
12:02:40	402.44	5.58	608.06	1117.22	472.53	77.31	1874.75	136.3693	147.1242	56.5404	3.5792	10.4270	294.5354	1.5894
12:02:41	402.44	5.58	608.06	1115.99	471.31	77.31	1875.76	139.2371	150.2181	56.6535	3.6203	10.5090	297.2755	1.6052
12:02:42	402.32	5.56	608.06	1159.95	457.88	77.31	1877.80	145.7688	157.1479	56.6535	3.6549	10.5950	299.9946	1.6209
12:02:43	402.32	5.54	607.57	1164.83	461.54	77.31	1877.80	145.7688	157.1479	56.6535	3.6896	10.6809	302.7138	1.6367
12:02:44	402.20	5.53	608.06	1146.52	489.62	77.31	1879.83	145.6094	156.9762	56.7666	3.7242	10.7668	305.4384	1.6524
12:02:45	402.20	5.53	608.06	1146.52	489.62	77.31	1879.83	151.3446	163.1086	56.7666	3.7601	10.8560	308.1516	1.6682
12:02:46	402.32	5.47	586.57	1151.40	468.86	77.55	1875.76	151.9818	163.7701	56.7666	3.7962	10.9454	310.8590	1.6840
12:02:47	402.44	5.47	586.57	1151.40	468.86	77.55	1875.76	149.5922	161.1536	56.7666	3.8316	11.0336	313.5569	1.6997
12:02:48	402.44	5.47	586.57	1126.98	483.52	77.31	1874.75	149.5922	161.1536	56.7666	3.8671	11.1217	316.2548	1.7155
12:02:49	402.32	5.45	586.08	1094.02	479.85	77.55	1874.75	150.2294	161.7318	56.7666	3.9028	11.2070	318.9279	1.7313
12:02:50	294.26	5.44	586.57	1072.04	461.54	77.31	1873.73	150.2294	161.7318	56.7666	3.9384	11.2923	321.6010	1.7470
12:02:51	294.14	5.41	586.57	1058.81	452.99	77.55	1872.71	147.0432	158.3017	56.7666	3.9733	11.3758	324.2742	1.7628
12:02:52	294.26	5.39	586.08	1064.71	443.22	77.55	1873.73	142.7419	153.6234	56.6535	4.0071	11.4568	326.9305	1.7785
12:02:53	294.26	5.37	586.57	1075.70	442.00	77.55	1875.26	139.8743	150.4842	56.5404	4.0314	11.5362	329.5759	1.7942
12:02:54	294.26	5.33	586.57	1068.38	426.13	77.31	1875.26	138.1219	148.5453	56.6535	4.0553	11.6145	332.2133	1.8100
12:02:55	294.26	5.33	586.57	1068.38	426.13	77.31	1875.26	138.9184	149.3635	56.5404	4.0793	11.6933	334.8358	1.8257
12:02:56	294.14	5.31	554.33	1065.93	418.80	77.31	1875.26	140.3522	150.8584	56.5404	4.1036	11.7729	337.4470	1.8414
12:02:57	294.26	5.31	554.33	1065.93	416.36	77.31	1875.26	139.3964	149.7461	56.6535	4.1278	11.8519	340.0425	1.8571
12:02:58	294.26	5.28	553.85	1072.04	415.14	77.31	1872.71	139.3964	149.7461	56.6535	4.1519	11.9308	342.6380	1.8729
12:02:59	294.26	5.28	554.33	1072.04	413.92	77.31	1872.71	139.0777	149.3730	56.6535	4.1759	12.0053	345.2259	1.8886
12:03:00	230.77	5.25	553.85	1085.47	418.80	77.31	1874.24	139.0777	149.3730	56.5404	4.2000	12.0798	347.8086	1.9043
12:03:01	230.77	5.25	554.33	1097.68	422.47	77.55	1874.24	139.8743	150.1744	56.6535	4.2242	12.1546	350.3831	1.9201
12:03:02	230.77	5.22	553.85	1097.68	444.44	77.31	1875.76	139.8743	150.1744	56.7666	4.2484	12.2294	352.9628	1.9358
12:03:03	230.77	5.21	554.33	1097.68	444.44	77.31	1875.76	141.6267	151.9676	56.5404	4.2676	12.3051	355.5152	1.9515
12:03:04	230.77	5.21	554.33	1113.55	461.54	77.31	1875.76	143.2198	153.6770	56.6535	4.2870	12.3818	358.0726	1.9673
12:03:05	230.77	5.18	553.85	1117.22	468.86	77.31	1875.76	143.2198	153.6216	56.7666	4.3064	12.4583	360.6218	1.9830
12:03:06	230.77	5.19	522.10	1108.67	445.67	77.31	1875.76	143.2198	153.5978	56.7666	4.3258	12.5348	363.1652	1.9988
12:03:07	230.77	5.17	522.10	1118.44	440.78	77.31	1875.76	145.2908	155.8189	56.7666	4.3455	12.6125	365.7087	2.0146
12:03:08	230.77	5.16	522.59	1119.66	440.78	77.31	1876.78	145.7688	156.2670	56.5404	4.3653	12.6904	368.2268	2.0303
12:03:09	230.77	5.16	522.59	1115.99	445.67	77.31	1875.26	144.6536	155.0955	56.7666	4.3849	12.7632	370.7608	2.0460
12:03:10	183.39	5.14	522.10	1103.79	423.69	77.31	1873.73	145.9281	156.4297	56.6535	4.4046	12.8366	373.2820	2.0618
12:03:11	183.39	5.14	522.10	1092.80	411.48	77.31	1870.68	146.0874	156.5783	56.6535	4.4244	12.9102	375.7976	2.0775
12:03:12	183.39	5.14	522.10	1070.82	409.04	77.31	1870.68	145.6094	156.0640	56.7666	4.4441	12.9836	378.3182	2.0933
12:03:13	183.39	5.12	522.10	1039.07	404.15	77.31	1872.20	144.0164	154.3034	56.5404	4.4596	13.0560	380.8192	2.1090
12:03:14	183.39	5.12	522.10	1039.07	404.15	77.31	1872.20	142.5826	152.7671	56.5404	4.4750	13.1278	383.3203	2.1247
12:03:15	183.39	5.12	516.24	997.56	404.15	77.06	1872.20	139.7150	149.6947	56.5404	4.4900	13.1980	385.8213	2.1404
12:03:16	183.39	5.12	516.24	997.56	417.58	77.06	1872.20	135.5729	145.2119	56.6535	4.5046	13.2662	388.3160	2.1561
12:03:17	183.52	5.11	517.22	1091.57	429.79	77.06	1871.19	135.5729	145.2119	56.6535	4.5192	13.3344	390.8106	2.1719
12:03:18	183.39	5.11	516.73	1096.46	426.13	77.06	1871.19	130.1564	139.4102	56.6535	4.5331	13.3991	393.3052	2.1876
12:03:19	154.33	5.09	516.73	1096.46	424.91	77.06	1871.19	130.1564	139.4102	56.4273	4.5471	13.4639	395.7899	2.2033
12:03:20	154.33	5.09	516.73	1096.46	424.91	77.06	1871.19	142.4232	152.5257	56.6535	4.5625	13.5348	398.2788	2.2190
12:03:21	154.33	5.09	516.24	1073.26	426.13	77.06	1873.22	143.0605	153.2081	56.6535	4.5779	13.6060	400.7678	2.2348
12:03:22	154.33	5.07	516.24	1081.81	428.57	77.06	1873.22	143.0605	153.1683	56.5404	4.5908	13.6772	403.2441	2.2505
12:03:23	154.33	5.07	516.24	1080.59	435.90	77.06	1873.22	143.0605	153.1683	56.5404	4.6037	13.7484	405.7205	2.2662
12:03:24	154.33	5.07	512.33	1087.16	435.90	77.06	1874.75	140.0336	149.9276	56.6535	4.6164	13.8180	408.2018	2.2819
12:03:25	154.33	5.07	512.33	1067.16	442.00	77.06	1872.71	141.1488	151.0825	56.5404	4.6292	13.8881	410.6887	2.2976
12:03:26	154.33	5.07	511.84	1050.06	467.64	77.06	1872.71	140.9895	150.9120	56.5404	4.6419	13.9582	413.1355	2.3133
12:03:27	154.33	5.06	512.33	1112.33	476.19	77.06	1875.26	139.2371	149.0363	56.5404	4.6545	14.0268	415.6024	2.3290
12:03:28	154.33	5.06	512.33	1112.33	476.19	77.06	1875.26	139.2371	149.0363	56.6535	4.6671	14.0955	418.0742	2.3448
12:03:29	136.87	5.06	511.84	1156.29	482.30	77.06	1871.70	137.0066	146.6488	56.6535	4.6795	14.1630	420.5460	2.3605
12:03:30	137.00	5.06	511.84	1124.54	485.96	77.31	1871.70	145.1315	155.3216	56.5404	4.6926	14.2346	423.0072	2.3762
12:03:31	137.00	5.06	511.84	1124.54	485.96	77.31	1871.70	145.1315	155.3216	56.5404	4.7058	14.3061	425.4683	2.3919
12:03:32	136.87	5.04	511.84	1117.22	484.74	77.31	1873.73	150.8667	161.4542	56.5404	4.7179	14.3805	427.9295	2.4076
12:03:33	136.87	5.04	511.84	1117.22	484.74	77.31	1873.73	146.7246	157.0215	56.5404	4.7296	14.4527	430.3907	2.4233
12:03:34	136.87	5.04	511.84	1124.54	476.19	77.31	1872.20	146.7246	157.0215	56.5404	4.7414	14.5250	432.8518	2.4390
12:03:35	136.87	5.03	505.98	1087.91	457.88	77.31	1871.19	145.7688	155.9503	56.6535	4.7531	14.5968	435.3065	2.4548
12:03:36	136.87	5.04	505.98	1085.47	452.99	77.31	1871.19	145.7688	155.9503	56.6535	4.7648	14.6686	437.7612	2.4705

12:03:37	137.00	5.02	505.98	1090.35	446.89	77.31	1871.19	146.7246	156.9729	56.4273	4.7765	14.7409	440.2061	2.4862
12:03:38	136.87	5.02	506.47	1085.47	448.11	77.31	1872.71	141.9453	151.8363	56.6535	4.7879	14.8100	442.6550	2.5019
12:03:39	127.96	5.02	505.98	1085.47	448.11	77.31	1872.71	141.6267	151.5189	56.6535	4.7993	14.8789	445.1097	2.5177
12:03:40	127.84	5.01	505.98	1080.59	461.54	77.31	1870.68	142.2839	152.1693	56.5404	4.8107	14.9481	447.5519	2.5334
12:03:41	127.84	5.01	505.98	1080.59	461.54	77.31	1870.68	141.6267	151.4876	56.6535	4.8220	15.0171	449.9989	2.5491
12:03:42	127.84	5.01	506.47	1080.59	437.12	77.55	1870.68	141.6267	151.4851	56.6535	4.8327	15.0861	452.4460	2.5648
12:03:43	127.96	5.01	505.98	1072.04	423.69	77.55	1871.70	140.9895	150.7802	56.5404	4.8432	15.1547	454.8825	2.5805
12:03:44	127.96	5.01	502.56	1079.36	420.02	77.55	1871.70	140.9895	150.7802	56.5404	4.8538	15.2233	457.3190	2.5962
12:03:45	127.96	5.01	502.56	1079.36	411.48	77.31	1872.71	140.9895	150.7802	56.5404	4.8643	15.2920	459.7554	2.6119
12:03:46	127.96	5.01	502.08	1035.41	404.15	77.31	1869.15	139.8743	149.5876	56.4273	4.8748	15.3600	462.1870	2.6276
12:03:47	127.96	5.01	502.08	1010.99	404.15	77.31	1869.15	140.8301	150.6098	56.4273	4.8853	15.4281	464.6186	2.6433
12:03:48	127.96	5.00	502.56	992.67	409.04	77.31	1870.17	140.8301	150.6098	56.6535	4.8959	15.4962	467.0600	2.6590
12:03:49	127.96	5.00	502.56	992.67	409.04	77.31	1870.17	135.0950	144.4764	56.4273	4.9060	15.5614	469.4916	2.6747
12:03:50	122.47	5.01	502.56	1018.31	416.36	77.31	1871.19	131.9088	141.0690	56.4273	4.9159	15.6251	471.9232	2.6904
12:03:51	122.47	5.01	502.56	1056.17	416.36	77.31	1872.20	129.5191	138.4919	56.4273	4.9256	15.6877	474.3491	2.7061
12:03:52	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	129.5191	138.4919	56.4273	4.9353	15.7503	476.7751	2.7217
12:03:53	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	132.8645	142.0970	56.6535	4.9448	15.8145	479.2183	2.7375
12:03:54	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	137.8033	147.3789	56.5404	4.9547	15.8811	481.6567	2.7532
12:03:55	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	138.7591	148.3782	56.5404	4.9647	15.9482	484.0894	2.7689
12:03:56	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	138.7591	148.3782	56.5404	4.9746	16.0153	486.5221	2.7846
12:03:57	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	138.7591	148.3782	56.5404	4.9846	16.0823	488.9547	2.8003
12:03:58	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	138.7591	148.3782	56.5404	4.9945	16.1494	491.3874	2.8160
12:03:59	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	138.7591	148.3782	56.5404	5.0045	16.2165	493.8201	2.8317
12:04:00	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	138.7591	148.3782	56.5404	5.0144	16.2835	496.2528	2.8474
12:04:01	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	138.7591	148.3782	56.5404	5.0244	16.3506	498.6855	2.8631
12:04:02	122.47	5.00	502.56	1063.49	424.91	77.31	1874.24	138.7591	148.3782	56.5404	5.0343	16.4177	501.1182	2.8788
12:04:03	122.47	5.02	505.98	1083.03	479.85	77.31	1870.68	138.7591	148.3782	56.5404	5.0443	16.4847	503.5508	2.8945
12:04:04	122.47	5.02	510.38	1074.48	449.33	77.31	1863.05	138.7591	148.3782	56.5404	5.0542	16.5518	505.9835	2.9102
12:04:05	122.47	5.02	510.38	1028.08	428.57	77.06	1863.05	138.7591	148.3782	56.5404	5.0642	16.6188	508.4162	2.9259
12:04:06	122.47	5.02	509.89	1002.44	434.68	77.31	1864.58	141.3081	151.1428	56.5404	5.0743	16.6878	510.8584	2.9416
12:04:07	122.47	5.02	509.89	1002.44	434.68	77.31	1864.58	140.1929	149.9500	56.3143	5.0843	16.7564	513.2908	2.9573
12:04:08	122.47	5.01	509.89	1029.30	455.43	77.31	1867.63	134.1390	143.4748	56.3143	5.0940	16.8223	515.7232	2.9729
12:04:09	121.00	5.01	510.38	1061.05	449.33	77.31	1869.15	130.7936	139.8968	56.3143	5.1033	16.8885	518.1556	2.9886
12:04:10	121.00	5.02	509.89	1087.91	451.77	77.31	1870.17	130.7936	139.8968	56.3143	5.1127	16.9506	520.5880	3.0042
12:04:11	121.00	5.00	510.38	1108.87	461.54	77.31	1870.17	134.2984	143.6231	56.4273	5.1224	17.0165	523.0196	3.0199
12:04:12	121.00	5.00	509.89	1102.56	451.77	77.31	1870.17	138.4405	148.0524	56.4273	5.1322	17.0844	525.4512	3.0356
12:04:13	121.00	5.01	510.38	1091.57	438.34	77.31	1871.70	141.9453	151.8240	56.6535	5.1422	17.1540	527.8983	3.0513
12:04:14	121.00	5.01	506.47	1122.10	426.13	77.31	1873.22	144.6536	154.6729	56.5404	5.1525	17.2250	530.3291	3.0670
12:04:15	121.00	5.00	506.47	1139.19	422.47	77.31	1873.22	143.8570	153.8211	56.5404	5.1627	17.2956	532.7599	3.0827
12:04:16	121.00	4.98	506.47	1139.19	415.14	77.31	1867.63	142.4232	152.3116	56.6535	5.1727	17.3655	535.2012	3.0984
12:04:17	121.00	4.99	505.98	1076.92	401.71	77.31	1865.09	146.4060	156.5709	56.5404	5.1831	17.4368	537.6377	3.1142
12:04:18	121.00	4.98	505.98	1047.62	398.05	77.06	1865.09	148.6363	158.9315	56.5404	5.1936	17.5092	540.0685	3.1299
12:04:19	121.00	4.98	505.98	1047.62	398.05	77.06	1865.09	148.6363	158.8987	56.4273	5.2042	17.5816	542.4868	3.1455
12:04:20	115.63	4.98	505.49	1010.69	408.59	77.31	1866.10	140.5115	150.2362	56.4273	5.2141	17.6499	544.9108	3.1612
12:04:21	115.63	4.98	505.98	1008.55	420.02	77.31	1864.58	136.6880	146.1253	56.3143	5.2238	17.7164	547.3243	3.1769
12:04:22	115.63	4.98	505.98	1019.54	440.78	77.06	1866.61	136.6880	146.1253	56.3143	5.2335	17.7829	549.7378	3.1925
12:04:23	115.63	4.98	505.98	1019.54	440.78	77.06	1866.61	131.9088	141.0148	56.3143	5.2424	17.8470	552.1513	3.2081
12:04:24	115.63	4.98	506.47	1024.42	449.33	77.31	1865.59	131.5900	140.6741	56.4273	5.2513	17.9110	554.5697	3.2238
12:04:25	115.63	4.98	505.98	1043.96	450.55	77.31	1865.59	133.0240	142.2070	56.3143	5.2603	17.9757	556.9832	3.2395
12:04:26	115.51	4.98	502.56	1070.82	445.67	77.31	1865.59	133.0240	142.2070	56.3143	5.2693	18.0405	559.3966	3.2551
12:04:27	115.63	4.98	502.08	1075.70	460.32	77.31	1865.59	133.6612	142.8882	56.3143	5.2784	18.1055	561.8101	3.2707
12:04:28	115.63	4.97	502.56	1083.03	445.67	77.31	1866.61	136.2102	145.6131	56.3143	5.2876	18.1718	564.2236	3.2864
12:04:29	115.63	4.98	502.08	1091.57	442.00	77.31	1866.61	139.7150	149.3598	56.4273	5.2970	18.2393	566.6420	3.3021
12:04:30	113.68	4.98	502.08	1094.02	459.10	77.31	1867.63	140.3522	150.0411	56.4273	5.3065	18.3071	569.0603	3.3177
12:04:31	113.68	4.98	502.08	1094.02	459.10	77.31	1867.63	141.3081	151.0396	56.3143	5.3161	18.3753	571.4681	3.3334
12:04:32	113.68	4.98	502.08	1079.36	455.43	77.31	1868.65	142.4232	152.2551	56.5404	5.3257	18.4441	573.8913	3.3491
12:04:33	113.68	4.98	502.56	1078.14	450.55	77.31	1868.65	142.7419	152.5952	56.4273	5.3352	18.5130	576.3097	3.3648
12:04:34	113.55	4.96	502.08	1076.92	451.77	77.31	1870.17	142.7419	152.5952	56.4273	5.3447	18.5819	578.7280	3.3804
12:04:35	113.68	4.96	514.29	1052.50	446.89	77.31	1870.17	140.8301	150.5515	56.3143	5.3541	18.6499	581.1415	3.3961
12:04:36	113.68	4.96	514.29	1052.50	446.89	77.31	1870.17	140.6708	150.3812	56.4273	5.3635	18.7178	583.5598	3.4117
12:04:37	113.68	4.97	514.29	1058.61	426.13	77.31	1872.20	140.5115	150.1721	56.5404	5.3728	18.7856	585.9735	3.4274
12:04:38	113.68	4.97	514.29	1053.72	451.77	77.06	1867.63	137.3253	146.7669	56.4273	5.3819	18.8535	588.3824	3.4431
12:04:39	113.68	4.97	514.29	1053.72	451.77	77.06	1867.63	137.3253	146.7669	56.4273	5.3911	18.9214	590.7913	3.4588
12:04:40	114.77	4.97	514.77	1032.97	446.89	77.31	1861.02	138.1219	147.6410	56.5404	5.4003	18.9897	593.2106	3.4745
12:04:41	114.65	4.97	514.29	968.25	406.59	77.31	1858.98	137.4846	146.9599	56.5404	5.4094	19.0577	595.6300	3.4902
12:04:42	114.65	4.97	514.29	940.17	393.16	77.06	1858.44	137.4846	146.9599	56.5404	5.4185	19.1256	598.0494	3.5059
12:04:43	114.77	4.97	514.29	927.96	405.37	77.31	1860.51	134.7764	144.0653	56.3143	5.4276	19.1923	600.4591	3.5216
12:04:44	114.77	4.99	513.80	975.58	418.80	77.31	1866.10	128.3329	135.0399	56.0881	5.4361	19.2548	602.8592	3.5371
12:04:45	114.77	4.99	526.01	1063.49	444.44	77.31	1867.63	122.6688	131.1232	55.9750	5.4443	19.3154	605.2544	3.5527
12:04:46	114.65	4.99	526.01	1118.44	446.89	77.31	1871.19	121.0757	129.4203	56.0881	5.4524	19.3753	607.6544	3.5683
12:04:47	114.65	4.99	526.01	1118.44	446.89	77.31	1871.19	127.2888	136.0897	56.4273	5.4610	19.4382	610.0765	3.5839
12:04:48	114.77	4.99	526.01	1122.10	439.56	77.06	1873.73	138.7591	148.3531	56.3143	5.4703	19.5083	612.4938	3.5996

12:04:49	114.77	4.99	526.50	1130.65	440.78	77.06	1873.73	145.9281	156.0177	56.5404	5.4801	19.5821	614.9208	3.6153
12:04:50	114.16	4.99	526.01	1123.32	437.12	77.31	1873.73	145.9281	156.0177	56.5404	5.4899	19.6560	617.3478	3.6310
12:04:51	114.16	4.97	526.01	1108.67	431.01	77.06	1869.66	146.4060	156.5287	56.6535	5.4997	19.7300	619.7796	3.6467
12:04:52	114.16	4.97	526.01	1108.67	431.01	77.06	1869.66	147.5212	157.7210	56.6535	5.5096	19.8047	622.2115	3.6625
12:04:53	114.16	4.96	526.50	1028.08	426.13	77.31	1866.61	146.5653	156.6989	56.6535	5.5194	19.8788	624.6433	3.6782
12:04:54	114.16	4.98	520.63	1020.76	411.48	77.31	1867.12	144.6536	154.6230	56.5404	5.5291	19.9520	627.0627	3.6939
12:04:55	114.16	4.98	520.15	1019.54	411.48	77.31	1867.12	144.6536	154.6230	56.5404	5.5388	20.0251	629.4821	3.7096
12:04:56	114.16	4.98	520.15	1019.54	417.58	77.31	1868.14	134.1390	143.3616	56.3143	5.5477	20.0930	631.8861	3.7253
12:04:57	114.16	4.96	520.15	1030.52	434.68	77.06	1869.66	133.1831	142.3767	56.4273	5.5566	20.1596	634.3045	3.7409
12:04:58	114.16	4.96	520.15	1074.48	463.98	77.31	1872.71	133.0240	142.2066	56.4273	5.5655	20.2262	636.7228	3.7566
12:04:59	114.16	4.95	520.15	1080.59	460.32	77.06	1874.24	133.0240	142.2066	56.5404	5.5744	20.2927	639.1460	3.7723
12:05:00	114.16	4.95	520.15	1080.59	460.32	77.06	1874.24	134.4576	143.7021	56.4273	5.5834	20.3599	641.5548	3.7880
12:05:01	117.83	4.96	520.15	1109.89	467.64	77.06	1871.70	140.1929	149.8317	56.6535	5.5928	20.4300	643.9734	3.8037
12:05:02	117.83	4.96	520.15	1109.89	467.64	77.06	1871.70	140.9895	150.6597	56.5404	5.6022	20.5005	646.3814	3.8194
12:05:03	117.95	4.95	520.15	1103.79	463.98	77.06	1874.75	140.9895	150.6597	56.5404	5.6116	20.5710	648.7894	3.8351
12:05:04	117.95	4.97	520.63	1100.12	474.97	77.31	1876.27	144.8129	154.7704	56.6535	5.6216	20.6434	651.2079	3.8509
12:05:05	117.95	4.95	520.15	1097.68	460.32	77.06	1877.80	144.8129	154.7704	56.6535	5.6316	20.7158	653.6264	3.8666
12:05:06	117.95	4.95	514.29	1080.59	476.19	77.31	1874.24	144.0164	153.8873	56.6535	5.6415	20.7877	656.0373	3.8823
12:05:07	117.95	4.94	514.29	1079.36	481.07	77.31	1872.20	143.5384	153.4162	56.5404	5.6514	20.8596	658.4529	3.8981
12:05:08	117.83	4.94	514.29	1078.14	466.42	77.06	1871.19	143.2198	153.0441	56.7666	5.6613	20.9312	660.8705	3.9138
12:05:09	114.77	4.95	514.29	1047.62	434.68	77.31	1870.68	140.9895	150.6608	56.5404	5.6710	21.0008	663.2785	3.9295
12:05:10	114.65	4.95	514.29	1047.62	434.68	77.31	1870.68	140.8301	150.4672	56.6535	5.6807	21.0704	665.6856	3.9453
12:05:11	114.65	4.94	514.29	1052.50	428.57	77.06	1870.68	140.6708	150.2970	56.4273	5.6904	21.1400	668.0831	3.9609
12:05:12	114.77	4.95	513.80	1078.14	424.91	77.31	1870.68	136.6880	146.0634	56.4273	5.6996	21.2075	670.4863	3.9766
12:05:13	114.77	4.93	514.77	1086.69	433.46	77.31	1871.70	136.6880	146.0633	56.4273	5.7088	21.2751	672.8895	3.9923
12:05:14	114.65	4.93	514.29	1106.23	439.56	77.06	1868.65	137.3253	146.7141	56.4273	5.7180	21.3429	675.2851	4.0080
12:05:15	114.77	4.94	522.10	1063.49	429.79	77.06	1867.12	140.6708	150.3117	56.4273	5.7274	21.4124	677.6863	4.0236
12:05:16	114.77	4.94	522.10	1063.49	426.13	77.06	1865.59	141.7860	151.4720	56.4273	5.7369	21.4825	680.0800	4.0393
12:05:17	114.77	4.96	522.10	1014.65	426.13	77.31	1863.56	144.3350	154.1950	56.5404	5.7466	21.5538	682.4785	4.0550
12:05:18	114.77	4.96	522.59	1017.09	433.46	77.31	1863.56	138.7591	148.2613	56.2012	5.7559	21.6234	684.8683	4.0706
12:05:19	115.14	4.96	522.59	1017.09	433.46	77.31	1863.56	138.7591	148.2613	56.2012	5.7653	21.6930	687.2581	4.0862
12:05:20	115.14	4.95	522.10	1035.41	451.77	77.55	1863.56	132.3867	141.4890	56.3143	5.7742	21.7595	689.6621	4.1019
12:05:21	115.14	4.95	522.10	1035.41	451.77	77.55	1863.56	132.7053	141.8295	56.3143	5.7831	21.8261	692.0662	4.1175
12:05:22	115.14	4.96	522.10	1031.75	449.33	77.31	1853.39	132.7053	141.8296	56.3143	5.7920	21.8928	694.4702	4.1332
12:05:23	115.14	4.96	521.61	981.68	426.13	77.31	1763.39	135.0950	144.3538	56.2012	5.8011	21.9606	696.8619	4.1488
12:05:24	115.14	4.96	532.36	827.59	313.80	77.55	1657.63	135.0950	144.3538	56.2012	5.8102	22.0284	699.2535	4.1644
12:05:25	115.14	4.95	533.33	527.47	274.73	77.55	1475.59	134.6171	143.8728	55.9750	5.8193	22.0959	701.8431	4.1799
12:05:26	115.14	4.95	532.84	445.67	274.73	77.55	1475.59	128.0853	136.8920	53.1480	5.8279	22.1601	703.9119	4.1947
12:05:27	115.14	4.96	532.84	341.88	246.64	77.31	1420.68	81.8854	87.5155	46.8155	5.8334	22.2020	705.9105	4.2077
12:05:28	115.14	4.96	532.84	297.92	185.59	77.55	1299.15	68.8220	73.5425	44.5539	5.8381	22.2373	707.8080	4.2201
12:05:29	115.14	4.96	532.84	297.92	185.59	77.55	1299.15	58.1482	62.1366	44.5539	5.8420	22.2671	709.7055	4.2325
12:05:30	114.16	4.96	532.84	233.21	156.29	77.31	1227.97	44.6068	47.6738	42.8576	5.8450	22.2899	711.5351	4.2444
12:05:31	114.16	4.96	532.84	233.21	139.19	77.31	1181.19	38.8717	41.5443	39.2391	5.8476	22.3098	713.2102	4.2553
12:05:32	114.16	4.96	532.84	195.36	109.89	77.31	1134.92	38.8717	41.5443	39.2391	5.8502	22.3297	714.8853	4.2662
12:05:33	114.16	4.96	532.36	181.93	102.56	77.06	1018.98	30.4282	32.5203	37.0905	5.8522	22.3453	716.4686	4.2765
12:05:34	114.16	4.99	532.84	170.94	102.56	77.06	1018.98	30.4282	32.5203	35.6205	5.8543	22.3609	717.9893	4.2864
12:05:35	114.16	4.99	532.84	170.94	97.68	77.06	1009.83	25.4896	27.2421	32.1150	5.8560	22.3740	719.3602	4.2953
12:05:36	114.16	4.97	520.15	153.85	90.35	77.31	958.98	23.7372	25.3692	30.7580	5.8576	22.3861	720.6733	4.3038
12:05:37	114.16	4.97	520.63	145.30	87.91	77.31	958.98	22.3034	23.8442	30.7580	5.8591	22.3975	721.9925	4.3124
12:05:38	114.16	4.97	520.63	145.30	87.91	77.31	850.17	22.3034	23.8442	30.5318	5.8606	22.4090	723.3021	4.3209
12:05:39	108.67	4.95	520.15	135.53	85.47	77.31	802.37	20.0731	21.4543	28.9487	5.8619	22.4190	724.5389	4.3289
12:05:40	108.67	4.95	520.15	125.76	81.81	77.31	733.73	18.9579	20.2624	28.9487	5.8632	22.4285	725.7756	4.3369
12:05:41	108.67	4.94	520.15	112.33	75.70	77.06	768.81	18.9579	20.2624	25.5563	5.8644	22.4380	726.8675	4.3440
12:05:42	108.67	4.94	520.15	106.23	72.04	77.31	695.59	17.6834	18.8961	24.1993	5.8655	22.4468	727.8981	4.3508
12:05:43	108.67	4.94	520.15	106.23	72.04	77.31	695.59	16.4089	17.5342	22.6162	5.8666	22.4550	728.8613	4.3570
12:05:44	108.67	4.94	520.63	105.01	70.82	77.55	709.32	14.6565	15.6592	23.1816	5.8675	22.4623	729.8463	4.3635
12:05:45	108.67	4.91	509.89	106.23	69.60	77.55	735.25	13.8600	14.8074	20.8069	5.8684	22.4693	730.7296	4.3693
12:05:46	108.67	4.91	509.89	106.23	69.60	77.55	735.25	13.8600	14.8074	20.8069	5.8693	22.4762	731.6129	4.3750
12:05:47	108.67	4.88	509.89	107.45	68.38	77.31	733.22	13.7007	14.6372	15.3790	5.8702	22.4830	732.2659	4.3793
12:05:48	108.67	4.88	509.89	107.45	68.38	77.31	733.22	13.8600	14.8028	11.7604	5.8710	22.4898	732.7628	4.3826
12:05:49	108.67	4.87	509.89	112.33	69.60	77.31	736.27	13.8600	14.8028	11.7604	5.8719	22.4966	733.2597	4.3858
12:05:50	109.16	4.77	510.38	124.54	84.25	77.55	694.58	14.0193	14.9668	11.3081	5.8728	22.5035	733.7344	4.3890
12:05:51	109.16	4.72	509.89	124.54	86.69	77.55	694.58	14.0193	14.9668	11.3081	5.8737	22.5103	734.2092	4.3921
12:05:52	109.16	4.62	510.38	122.10	81.81	77.79	687.97	14.6565	15.6439	11.5342	5.8746	22.5175	734.6919	4.3953
12:05:53	109.16	4.52	509.89	114.77	75.70	77.79	683.90	16.2496	17.3219	5.6540	5.8757	22.5255	734.9238	4.3969
12:05:54	109.16	4.43	510.38	114.77	75.70	77.79	683.90	16.2496	17.3103	5.6540	5.8767	22.5334	735.1532	4.3985
12:05:55	109.16	4.43	510.38	107.45	72.04	77.55	682.88	15.9310	16.9490	2.1485	5.8777	22.5412	735.2386	4.3991
12:05:56	109.16	4.28	337.97	105.01	67.16	77.55	680.34	14.9752	15.9115	1.4701	5.8787	22.5485	735.2957	4.3995
12:05:57	109.16	4.18	337.48	102.56	65.93	77.79	680.34	14.9752	15.8917	1.4701	5.8798	22.5558	735.3517	4.3999
12:05:58	109.16	3.89	337.97	100.12	63.49	77.55	684.41	14.0193	14.8774	1.2439	5.8805	22.5626	735.3991	4.4002
12:05:59	94.14	3.81	337.97	100.12	63.49	77.55	684.41	13.7007	14.5107	0.5654	5.8814	22.5670	735.4199	4.4004
12:06:00	94.14	3.65	337.48	97.68	61.05	77.55	684.41	13.3820	14.1549	0.1131	5.8822	22.5713	735.4240	4.4004

12:06:01	94.14	3.55	337.97	96.46	62.27	77.55	683.39	13.0634	13.7650	0.1131	5.8830	22.5755	735.4278	4.4004
12:06:02	94.14	3.37	337.48	96.46	62.27	77.55	683.39	13.0634	13.7498	0.1131	5.8837	22.5797	735.4315	4.4005
12:06:03	94.14	3.28	337.48	96.46	62.27	77.55	683.39	12.7448	13.3858	0.1131	5.8844	22.5837	735.4350	4.4005
12:06:04	94.14	3.28	337.48	96.46	62.27	77.55	683.39	12.5855	13.2000	0.1131	5.8851	22.5878	735.4385	4.4005
12:06:05	94.14	3.14	164.59	96.46	61.05	77.55	681.36	12.5855	13.1698	0.1131	5.8858	22.5918	735.4418	4.4006
12:06:06	94.14	2.84	165.57	102.56	64.71	77.55	681.36	12.5855	13.1500	0.1131	5.8865	22.5957	735.4449	4.4006
12:06:07	94.14	2.72	165.08	119.66	68.38	77.55	681.36	12.5855	13.1500	0.1131	5.8872	22.5997	735.4481	4.4006
12:06:08	94.14	2.55	165.08	128.21	75.70	77.79	683.90	12.5855	13.1295	0.1131	5.8878	22.6017	735.4512	4.4007
12:06:09	86.57	2.43	165.08	120.88	75.70	77.55	685.93	13.3820	13.9046	0.1131	5.8885	22.6037	735.4539	4.4007
12:06:10	86.57	2.28	165.08	120.88	75.70	77.55	685.93	15.8124	16.1959	0.1131	5.8894	22.6082	735.4566	4.4007
								16.7276	17.3121	0.1131	5.8903	22.6087	735.4591	4.4008
								15.7717	16.2971	0.6785	5.8910	22.6111	735.4732	4.4010
								15.7717	16.2608	0.6785	5.8918	22.6138	735.4864	4.4011

11-MAY-94 07:47 LACMTA Emissions Testing Facility

Test : UMTA CENTRAL BUSINESS DISTRICT PHASE
Test number : 1066
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	3.1	3.3	2.3	0.05	0.002	0.005	0.01	1.31	48.48	143.63	31.61	0.0	0.000	0.0	0.47	-0.05	67.6	0.0	0.0	0.0
1 DL	0.6	8.9	7.2	0.04	0.000	0.014	0.02	1.02	48.49	162.58	35.28	0.0	0.000	0.0	0.37	3.05	66.7	0.0	0.0	0.0
2 DL	2.1	12.0	10.3	0.05	0.002	0.019	0.03	1.13	48.49	153.70	33.42	0.0	0.000	0.0	0.41	12.61	66.4	0.0	0.0	0.0
3 DL	4.1	12.1	12.2	0.06	0.003	0.019	0.03	1.56	48.49	128.47	29.19	0.0	0.000	0.0	0.57	8.75	66.2	0.0	0.0	0.0
4 DL	4.2	11.1	13.3	0.08	0.003	0.018	0.03	2.03	48.49	109.04	26.63	0.0	0.000	0.0	0.73	5.63	66.1	0.0	0.0	0.0
5 DL	4.3	9.8	13.9	0.10	0.003	0.016	0.04	2.40	48.48	97.41	25.30	0.0	0.000	0.0	0.86	4.67	66.0	0.0	0.0	0.0
6 DL	4.3	8.8	14.2	0.11	0.003	0.014	0.04	2.70	48.49	89.72	24.49	0.0	0.000	0.0	0.97	4.51	65.9	0.0	0.0	0.0
7 DL	4.3	8.1	14.6	0.12	0.003	0.013	0.04	2.97	48.49	83.78	23.90	0.0	0.000	0.0	1.06	4.62	65.8	0.0	0.0	0.0
8 DL	4.4	7.6	14.6	0.13	0.003	0.012	0.04	3.22	48.48	78.81	23.42	0.0	0.000	0.0	1.15	4.83	65.7	0.0	0.0	0.0
9 DL	4.4	7.3	14.9	0.14	0.003	0.012	0.04	3.43	48.49	75.13	23.08	0.0	0.000	0.0	1.22	4.98	65.6	0.0	0.0	0.0
10 DL	4.4	6.9	14.9	0.14	0.003	0.011	0.04	3.57	48.49	72.89	22.88	0.0	0.000	0.0	1.27	4.98	65.5	0.0	0.0	0.0
11 DL	4.4	6.7	14.8	0.15	0.003	0.011	0.04	3.66	48.49	71.54	22.76	0.0	0.000	0.0	1.30	5.02	65.5	0.0	0.0	0.0
12 DL	4.4	6.6	14.7	0.15	0.004	0.010	0.04	3.73	48.48	70.49	22.67	0.0	0.000	0.0	1.33	5.28	65.5	0.0	0.0	0.0
13 DL	4.5	6.4	14.6	0.15	0.004	0.010	0.04	3.83	48.49	69.02	22.54	0.0	0.000	0.0	1.36	5.18	65.5	0.0	0.0	0.0
14 DL	4.5	6.3	14.7	0.16	0.004	0.010	0.04	3.90	48.48	68.09	22.46	0.0	0.000	0.0	1.39	4.88	65.5	0.0	0.0	0.0
15 DL	4.5	6.1	14.5	0.16	0.004	0.010	0.04	3.93	48.49	67.69	22.42	0.0	0.000	0.0	1.40	4.62	65.5	0.0	0.0	0.0
16 DL	4.5	6.0	14.2	0.16	0.004	0.010	0.04	3.91	48.48	67.97	22.45	0.0	0.000	0.0	0.00	4.51	65.5	0.0	0.0	0.0
17 DL	4.5	6.0	13.8	0.15	0.004	0.010	0.04	3.86	48.49	68.60	22.50	0.0	0.000	0.0	1.38	4.35	65.5	0.0	0.0	0.0
18 DL	4.5	6.8	14.4	0.15	0.004	0.011	0.04	3.83	48.48	69.00	22.54	0.0	0.000	0.0	1.37	4.42	65.5	0.0	0.0	0.0
19 DL	4.6	8.3	16.0	0.16	0.004	0.013	0.04	3.90	48.49	68.08	22.46	0.0	0.000	0.0	1.39	7.46	65.6	0.0	0.0	0.0
20 DL	4.6	10.5	18.5	0.16	0.004	0.017	0.05	4.12	48.49	65.13	22.20	0.0	0.000	0.7	0.41	10.35	65.7	0.0	0.0	0.0
21 DL	4.7	14.2	20.8	0.18	0.004	0.023	0.05	4.47	48.48	60.83	21.84	0.0	0.001	1.9	1.14	11.77	65.7	0.0	0.0	0.0
22 DL	4.9	18.9	23.7	0.20	0.004	0.030	0.06	4.94	48.49	56.06	21.46	0.0	0.001	2.6	1.46	13.56	65.8	0.0	0.0	0.0
23 DL	5.0	22.9	26.2	0.22	0.004	0.037	0.07	5.53	48.49	50.98	21.06	0.0	0.001	3.1	1.56	15.82	65.9	0.0	0.0	0.0
24 DL	5.1	25.4	28.0	0.25	0.004	0.041	0.07	6.16	48.48	46.51	20.73	0.0	0.001	3.4	1.56	14.47	65.9	0.0	0.0	0.0
25 DL	5.2	26.9	29.0	0.27	0.004	0.043	0.08	6.69	48.48	43.30	20.49	0.0	0.001	3.8	1.59	12.74	66.0	0.0	0.0	0.0
26 DL	5.3	28.1	29.8	0.28	0.004	0.045	0.08	7.11	48.48	41.06	20.34	2.1	0.001	4.3	1.69	11.91	66.1	0.0	0.0	0.0
27 DL	5.4	29.1	30.9	0.30	0.004	0.047	0.08	7.49	48.48	39.22	20.21	1.0	0.001	4.8	1.80	11.63	66.1	0.0	0.0	0.0
28 DL	5.5	30.0	31.4	0.31	0.004	0.048	0.08	7.89	48.48	37.46	20.08	1.0	0.001	5.3	1.88	11.76	66.2	0.0	0.0	0.0
29 DL	5.5	30.6	32.1	0.33	0.004	0.049	0.08	8.27	48.48	35.95	19.98	1.0	0.002	5.8	1.95	12.86	66.2	0.0	0.0	0.0
30 DL	5.6	31.2	32.9	0.34	0.004	0.050	0.09	8.60	48.48	34.72	19.90	1.0	0.002	6.2	2.01	15.22	66.3	0.0	0.0	0.0
31 DL	5.8	32.1	33.7	0.36	0.005	0.051	0.09	8.92	48.47	33.59	19.82	1.0	0.002	6.6	2.07	17.39	66.4	0.0	0.0	0.0
32 DL	5.9	34.0	35.6	0.37	0.005	0.054	0.09	9.33	48.47	32.26	19.73	1.0	0.002	7.0	2.10	17.38	66.5	0.0	0.0	0.0
33 DL	6.1	37.2	37.8	0.39	0.005	0.059	0.10	9.90	48.48	30.59	19.62	1.0	0.002	7.5	2.11	15.83	66.6	0.0	0.0	0.0
34 DL	6.4	42.3	39.7	0.42	0.005	0.068	0.10	10.54	48.48	28.88	19.51	1.0	0.002	7.9	2.10	12.95	66.7	0.0	0.0	0.0
35 DL	6.8	49.9	42.6	0.45	0.005	0.080	0.11	11.27	48.48	27.13	19.39	1.0	0.002	8.5	2.10	12.21	66.8	0.0	0.0	0.0
36 DL	7.2	59.0	46.0	0.49	0.006	0.094	0.12	12.22	48.48	25.18	19.27	1.0	0.003	9.2	2.09	12.36	66.9	0.0	0.0	0.0
37 DL	7.7	68.3	50.2	0.54	0.006	0.109	0.13	13.46	48.47	23.02	19.13	1.0	0.003	10.0	2.06	13.25	66.9	0.0	0.0	0.0
38 DL	8.3	80.6	55.5	0.59	0.007	0.129	0.15	14.90	48.47	20.91	19.00	1.0	0.003	10.9	2.03	14.33	67.1	0.0	0.0	0.0
39 DL	9.3	104.2	67.1	0.66	0.007	0.166	0.18	16.61	48.47	18.85	18.87	1.0	0.003	12.3	2.03	17.55	67.2	0.0	0.0	0.0
40 DL	10.5	138.0	91.4	0.76	0.008	0.220	0.24	18.99	48.46	16.58	18.73	1.0	0.004	14.9	2.16	22.76	67.3	0.0	0.0	0.0
41 DL	11.7	159.6	121.4	0.89	0.009	0.255	0.32	22.45	48.47	14.15	18.58	0.1	0.005	17.0	2.08	26.94	67.4	0.0	0.0	0.0
42 DL	12.5	154.7	139.3	1.05	0.010	0.247	0.37	26.46	48.45	12.11	18.47	0.0	0.005	19.3	2.02	28.60	67.6	0.0	0.0	0.0
43 DL	12.6	130.0	117.7	1.16	0.010	0.208	0.31	29.19	48.45	11.04	18.41	0.0	0.006	21.1	2.01	21.70	67.6	0.0	0.0	0.0
44 DL	11.9	100.0	70.6	1.14	0.009	0.160	0.19	28.49	48.41	11.32	18.43	0.0	0.006	21.3	2.09	13.32	67.8	0.0	0.0	0.0
45 DL	10.8	74.3	43.2	0.98	0.009	0.119	0.11	24.58	48.40	13.09	18.53	0.0	0.006	20.6	2.35	7.67	67.9	0.0	0.0	0.0

46 DL	9.8	56.5	31.0	0.79	0.008	0.090	0.08	19.93	48.41	16.01	18.70	0.0	0.006	19.9	2.81	3.90	68.1	0.0	0.0	0.0
47 DL	9.1	44.7	24.1	0.65	0.007	0.071	0.06	16.22	48.41	19.45	18.91	0.0	0.005	19.7	3.41	2.35	68.4	0.0	0.0	0.0
48 DL	8.6	36.6	22.6	0.54	0.007	0.058	0.06	13.62	48.42	22.87	19.13	0.0	0.005	19.6	4.03	2.11	68.5	0.0	0.0	0.0
49 DL	8.2	30.5	22.2	0.47	0.007	0.049	0.06	11.85	48.42	26.01	19.33	0.0	0.005	18.7	4.45	2.61	68.7	0.0	0.0	0.0
50 DL	7.9	25.6	21.6	0.42	0.006	0.041	0.06	10.43	48.42	29.25	19.53	0.0	0.004	14.1	3.86	3.72	68.9	0.0	0.0	0.0
51 DL	7.8	21.9	18.0	0.36	0.006	0.035	0.05	9.10	48.43	33.09	19.79	0.0	0.003	9.3	2.95	3.89	69.0	0.0	0.0	0.0
52 DL	7.8	19.3	15.5	0.31	0.006	0.031	0.04	7.88	48.43	37.61	20.10	0.0	0.002	5.7	2.09	2.57	69.2	0.0	0.0	0.0
53 DL	7.6	17.2	15.4	0.28	0.006	0.027	0.04	7.00	48.43	41.69	20.38	0.0	0.001	2.2	0.94	3.34	69.3	0.0	0.0	0.0
54 DL	7.4	15.3	16.1	0.26	0.006	0.024	0.04	6.41	48.43	45.02	20.62	0.0	0.000	0.5	0.22	3.57	69.5	0.0	0.0	0.0
55 DL	7.2	13.9	17.4	0.24	0.006	0.022	0.05	5.95	48.43	47.99	20.84	0.0	0.000	0.1	0.03	4.56	69.6	0.0	0.0	0.0
56 DL	7.1	13.3	18.3	0.22	0.006	0.021	0.05	5.61	48.43	50.43	21.03	0.0	0.000	0.0	0.00	5.49	69.7	0.0	0.0	0.0
57 DL	6.9	13.2	19.0	0.22	0.005	0.021	0.05	5.43	48.44	51.80	21.13	0.0	0.000	0.0	1.94	6.27	69.8	0.0	0.0	0.0
58 DL	6.8	13.1	19.4	0.21	0.005	0.021	0.05	5.37	48.43	52.28	21.17	0.0	0.000	0.0	1.92	6.51	69.8	0.0	0.0	0.0
59 DL	6.8	13.2	20.1	0.21	0.005	0.021	0.05	5.35	48.43	52.48	21.18	0.0	0.000	0.0	1.91	6.91	69.9	0.0	0.0	0.0
60 DL	6.7	14.7	22.5	0.21	0.005	0.024	0.06	5.38	48.43	52.14	21.16	0.0	0.000	0.9	0.38	7.27	69.9	0.0	0.0	0.0
61 DL	6.8	18.9	26.3	0.23	0.005	0.030	0.07	5.71	48.44	49.62	20.96	0.0	0.001	2.9	1.41	7.76	70.1	0.0	0.0	0.0
62 DL	7.0	23.9	31.6	0.25	0.006	0.038	0.08	6.26	48.44	45.82	20.68	0.0	0.001	3.6	1.59	11.10	70.2	0.0	0.0	0.0
63 DL	7.2	28.5	35.5	0.28	0.006	0.045	0.09	6.94	48.44	41.89	20.39	0.0	0.001	4.4	1.77	11.98	70.3	0.0	0.0	0.0
64 DL	7.4	33.2	37.5	0.31	0.006	0.053	0.10	7.67	48.43	38.33	20.14	0.0	0.001	5.3	1.92	12.66	70.4	0.0	0.0	0.0
65 DL	7.6	38.9	40.1	0.34	0.006	0.062	0.11	8.45	48.44	35.16	19.92	0.0	0.002	6.3	2.06	14.86	70.5	0.0	0.0	0.0
66 DL	7.9	46.1	43.2	0.37	0.006	0.074	0.11	9.37	48.44	32.05	19.71	0.0	0.002	7.2	2.12	18.25	70.7	0.0	0.0	0.0
67 DL	8.3	55.6	46.8	0.41	0.007	0.089	0.12	10.40	48.44	29.12	19.52	0.0	0.002	8.0	2.12	16.88	70.8	0.0	0.0	0.0
68 DL	8.8	66.7	51.5	0.46	0.007	0.107	0.14	11.52	48.44	26.50	19.35	2.1	0.002	8.9	2.13	14.66	71.0	0.0	0.0	0.0
69 DL	9.4	79.5	57.0	0.51	0.007	0.127	0.15	12.80	48.44	24.03	19.19	1.0	0.003	9.9	2.14	13.73	71.3	0.0	0.0	0.0
70 DL	10.2	98.7	64.9	0.57	0.008	0.158	0.17	14.41	48.44	21.50	19.03	1.0	0.003	11.1	2.12	14.39	71.5	0.0	0.0	0.0
71 DL	11.4	126.8	84.8	0.67	0.009	0.202	0.22	16.78	48.44	18.62	18.85	1.0	0.004	13.0	2.12	16.53	71.7	0.0	0.0	0.0
72 DL	12.6	149.4	120.6	0.80	0.010	0.238	0.32	20.12	48.42	15.69	18.67	0.7	0.004	15.6	2.14	19.38	72.0	0.0	0.0	0.0
73 DL	13.7	149.2	150.1	0.96	0.011	0.238	0.39	24.03	48.42	13.26	18.53	0.0	0.005	18.0	2.07	19.85	72.2	0.0	0.0	0.0
74 DL	14.1	127.5	139.7	1.08	0.011	0.204	0.37	27.21	48.41	11.80	18.45	0.0	0.006	20.2	2.06	18.80	72.5	0.0	0.0	0.0
75 DL	13.7	98.6	92.4	1.11	0.011	0.157	0.24	27.75	48.38	11.60	18.44	0.0	0.006	21.1	2.13	12.64	72.7	0.0	0.0	0.0
76 DL	12.7	74.4	42.3	0.99	0.010	0.119	0.11	24.79	48.36	12.97	18.52	0.0	0.006	20.7	2.34	6.87	72.9	0.0	0.0	0.0
77 DL	11.7	57.7	39.0	0.82	0.009	0.092	0.10	20.58	48.36	15.51	18.68	0.0	0.006	20.3	2.77	3.75	73.2	0.0	0.0	0.0
78 DL	10.9	46.2	29.7	0.68	0.009	0.074	0.08	17.10	48.38	18.48	18.85	0.0	0.006	19.9	3.26	2.35	73.5	0.0	0.0	0.0
79 DL	10.3	37.4	24.5	0.58	0.008	0.060	0.06	14.52	48.38	21.54	19.04	0.0	0.005	19.6	3.79	1.77	73.7	0.0	0.0	0.0
80 DL	9.9	30.3	23.6	0.50	0.008	0.048	0.06	12.52	48.39	24.72	19.24	0.0	0.005	19.5	4.36	1.71	73.9	0.0	0.0	0.0
81 DL	9.6	25.7	25.4	0.44	0.008	0.041	0.07	10.95	48.39	27.95	19.45	0.0	0.005	19.4	4.98	2.20	74.1	0.0	0.0	0.0
82 DL	9.4	23.5	28.1	0.39	0.007	0.038	0.07	9.90	48.39	30.63	19.63	0.0	0.005	19.4	5.50	3.04	74.4	0.0	0.0	0.0
83 DL	9.3	22.7	30.5	0.37	0.007	0.036	0.08	9.37	48.40	32.15	19.73	0.0	0.005	19.4	5.80	3.99	74.5	0.0	0.0	0.0
84 DL	9.2	22.3	32.0	0.37	0.007	0.036	0.08	9.17	48.39	32.78	19.77	0.0	0.005	19.4	5.93	4.60	74.7	0.0	0.0	0.0
85 DL	9.1	22.2	33.4	0.36	0.007	0.035	0.09	9.08	48.40	33.09	19.79	0.0	0.005	19.5	6.01	4.94	74.8	0.0	0.0	0.0
86 DL	9.0	22.6	34.4	0.36	0.007	0.036	0.09	9.00	48.40	33.33	19.81	0.0	0.005	19.6	6.09	5.53	75.0	0.0	0.0	0.0
87 DL	9.0	23.3	35.1	0.36	0.007	0.037	0.09	8.96	48.39	33.45	19.82	0.0	0.005	19.6	6.14	6.18	75.2	0.0	0.0	0.0
88 DL	8.9	23.6	34.9	0.36	0.007	0.038	0.09	8.99	48.39	33.38	19.81	0.0	0.005	19.7	6.16	6.58	75.4	0.0	0.0	0.0
89 DL	8.8	23.0	31.5	0.36	0.007	0.037	0.08	8.93	48.40	33.57	19.82	0.0	0.005	18.8	5.94	6.77	75.6	0.0	0.0	0.0
90 DL	8.7	21.0	26.9	0.34	0.007	0.034	0.07	8.60	48.39	34.72	19.90	0.0	0.004	14.2	4.68	6.73	75.8	0.0	0.0	0.0
91 DL	8.7	18.2	20.5	0.31	0.007	0.029	0.05	7.89	48.39	37.52	20.09	0.0	0.003	9.5	3.46	5.30	76.0	0.0	0.0	0.0
92 DL	8.7	15.6	16.9	0.27	0.007	0.025	0.04	6.90	48.41	42.26	20.42	0.0	0.001	5.1	2.16	2.82	76.2	0.0	0.0	0.0
93 DL	8.6	13.5	16.1	0.24	0.007	0.022	0.04	6.05	48.41	47.25	20.79	0.0	0.000	1.6	0.78	2.86	76.4	0.0	0.0	0.0
94 DL	8.4	12.1	16.8	0.22	0.007	0.019	0.04	5.53	48.41	51.00	21.07	0.0	0.000	0.4	0.24	2.93	76.6	0.0	0.0	0.0
95 DL	8.3	11.0	18.2	0.21	0.007	0.018	0.05	5.23	48.41	53.43	21.26	0.0	0.000	0.0	0.02	3.35	76.8	0.0	0.0	0.0
96 DL	8.1	10.1	18.9	0.20	0.006	0.016	0.05	5.04	48.41	55.11	21.39	0.0	0.000	0.0	1.80	4.13	76.9	0.0	0.0	0.0
97 DL	8.0	9.6	19.3	0.20	0.006	0.015	0.05	4.90	48.42	56.46	21.50	0.0	0.000	0.0	1.75	4.34	77.1	0.0	0.0	0.0
98 DL	7.8	9.4	19.6	0.19	0.006	0.015	0.05	4.81	48.41	57.31	21.56	0.0	0.000	0.0	1.72	4.69	77.1	0.0	0.0	0.0
99 DL	7.7	9.7	20.4	0.19	0.006	0.015	0.05	4.79	48.41	57.54	21.58	0.0	0.000	0.0	1.71	4.82	77.2	0.0	0.0	0.0
100 DL	7.7	12.1	23.4	0.20	0.006	0.019	0.06	4.89	48.42	56.45	21.49	0.0	0.000	1.0	0.50	5.07	77.2	0.0	0.0	0.0
101 DL	7.9	17.8	28.9	0.21	0.006	0.028	0.08	5.24	48.42	53.25	21.24	0.0	0.001	3.1	1.66	5.64	77.4	0.0	0.0	0.0
102 DL	8.1	24.5	34.8	0.24	0.006	0.039	0.09	5.98	48.42	47.64	20.81	0.0	0.001	4.1	1.88	10.11	77.6	0.0	0.0	0.0
103 DL	8.3	31.0	39.3	0.28	0.007	0.050	0.10	6.97	48.42	41.72	20.38	0.0	0.001	5.2	2.04	11.38	77.9	0.0	0.0	0.0
104 DL	8.6	38.4	43.6	0.32	0.007	0.061	0.11	8.02	48.44	36.85	20.04	0.0	0.002	6.3	2.17	13.63	78.2	0.0	0.0	0.0

105 DL	9.0	49.0	47.8	0.36	0.007	0.078	0.13	9.10	48.43	32.85	19.76	0.0	0.002	7.4	2.25	17.23	78.5	0.0	0.0	0.0
106 DL	9.5	64.6	53.0	0.41	0.007	0.103	0.14	10.38	48.43	29.14	19.52	0.0	0.002	8.5	2.28	15.41	78.7	0.0	0.0	0.0
107 DL	10.2	85.3	60.3	0.48	0.008	0.136	0.16	12.01	48.43	25.44	19.27	0.0	0.003	9.8	2.24	14.47	79.0	0.0	0.0	0.0
108 DL	11.3	108.9	75.3	0.57	0.009	0.174	0.20	14.28	48.43	21.66	19.03	0.0	0.003	11.2	2.17	15.12	79.3	0.0	0.0	0.0
109 DL	12.7	126.7	108.5	0.70	0.010	0.202	0.28	17.45	48.43	17.97	18.81	0.0	0.004	13.7	2.16	17.52	79.6	0.0	0.0	0.0
110 DL	13.9	127.7	149.3	0.85	0.011	0.204	0.39	21.25	48.43	14.94	18.63	0.0	0.005	16.6	2.16	17.25	79.9	0.0	0.0	0.0
111 DL	14.6	112.0	158.5	1.00	0.012	0.179	0.42	24.97	48.42	12.83	18.51	0.0	0.005	19.1	2.13	17.22	80.3	0.0	0.0	0.0
112 DL	14.6	89.6	118.5	1.07	0.012	0.143	0.31	26.88	48.39	11.96	18.47	0.0	0.006	20.5	2.13	16.04	80.5	0.0	0.0	0.0
113 DL	13.9	69.4	80.2	1.02	0.011	0.111	0.21	25.64	48.36	12.54	18.50	0.0	0.006	21.5	2.35	8.75	80.8	0.0	0.0	0.0
114 DL	12.8	53.9	56.7	0.89	0.010	0.086	0.15	22.42	48.37	14.29	18.60	0.0	0.006	20.8	2.61	4.70	81.0	0.0	0.0	0.0
115 DL	11.8	43.0	37.9	0.75	0.009	0.068	0.10	18.88	48.38	16.85	18.76	0.0	0.006	20.0	2.98	2.70	81.1	0.0	0.0	0.0
116 DL	11.1	35.0	25.0	0.63	0.009	0.056	0.07	15.73	48.39	20.02	18.95	0.0	0.005	19.8	3.53	1.73	81.3	0.0	0.0	0.0
117 DL	10.7	28.7	21.3	0.53	0.008	0.046	0.06	13.18	48.39	23.60	19.17	0.0	0.005	19.6	4.17	1.55	81.5	0.0	0.0	0.0
118 DL	10.4	24.5	24.0	0.45	0.008	0.039	0.06	11.31	48.39	27.15	19.40	0.0	0.005	19.7	4.88	1.94	81.7	0.0	0.0	0.0
119 DL	10.2	22.8	28.7	0.40	0.008	0.036	0.08	10.08	48.40	30.15	19.60	0.0	0.005	19.8	5.50	3.05	81.9	0.0	0.0	0.0
120 DL	10.0	23.1	33.0	0.38	0.008	0.037	0.09	9.46	48.41	31.90	19.71	0.0	0.006	19.9	5.89	5.25	82.2	0.0	0.0	0.0
121 DL	9.8	23.8	35.4	0.37	0.008	0.038	0.09	9.30	48.40	32.37	19.74	0.0	0.006	20.0	6.02	6.36	82.4	0.0	0.0	0.0
122 DL	9.6	24.3	36.6	0.37	0.008	0.039	0.10	9.35	48.41	32.20	19.73	0.0	0.006	20.1	6.02	6.76	82.7	0.0	0.0	0.0
123 DL	9.5	24.2	36.8	0.38	0.007	0.039	0.10	9.45	48.40	31.91	19.71	0.0	0.006	20.2	5.98	6.67	83.0	0.0	0.0	0.0
124 DL	9.3	23.6	36.3	0.37	0.007	0.038	0.10	9.39	48.42	32.11	19.73	0.0	0.006	20.2	6.04	6.53	83.3	0.0	0.0	0.0
125 DL	9.2	22.2	35.5	0.37	0.007	0.035	0.09	9.26	48.41	32.52	19.75	0.0	0.006	20.2	6.11	6.37	83.6	0.0	0.0	0.0
126 DL	9.0	20.2	33.2	0.36	0.007	0.032	0.09	9.09	48.42	33.09	19.79	0.0	0.006	20.0	6.17	5.49	83.9	0.0	0.0	0.0
127 DL	8.9	17.8	30.6	0.35	0.007	0.028	0.08	8.83	48.42	33.98	19.85	0.0	0.006	19.9	6.34	4.10	84.1	0.0	0.0	0.0
128 DL	8.8	15.5	29.2	0.34	0.007	0.025	0.08	8.48	48.42	35.22	19.94	0.0	0.006	19.9	6.58	3.57	84.3	0.0	0.0	0.0
129 DL	8.6	13.7	26.4	0.32	0.007	0.022	0.07	8.04	48.42	36.94	20.05	0.0	0.005	18.9	6.64	3.67	84.5	0.0	0.0	0.0
130 DL	8.5	12.3	22.2	0.30	0.007	0.020	0.06	7.48	48.42	39.40	20.22	0.0	0.004	14.0	5.34	3.62	84.7	0.0	0.0	0.0
131 DL	8.5	11.2	16.8	0.27	0.007	0.018	0.04	6.77	48.42	42.98	20.48	0.0	0.003	9.5	4.01	2.86	84.9	0.0	0.0	0.0
132 DL	8.5	10.1	15.3	0.24	0.007	0.016	0.04	5.99	48.43	47.74	20.82	0.0	0.002	5.8	2.80	2.30	85.1	0.0	0.0	0.0
133 DL	8.3	8.9	15.3	0.21	0.007	0.014	0.04	5.37	48.43	52.37	21.17	0.0	0.001	2.6	1.43	3.01	85.2	0.0	0.0	0.0
134 DL	8.1	8.0	16.4	0.20	0.006	0.013	0.04	4.90	48.43	56.49	21.50	0.0	0.000	0.8	0.46	3.11	85.4	0.0	0.0	0.0
135 DL	8.0	7.4	17.4	0.18	0.006	0.012	0.05	4.59	48.43	59.57	21.74	0.0	0.000	0.1	0.05	3.66	85.6	0.0	0.0	0.0
136 DL	7.8	7.3	18.4	0.18	0.006	0.012	0.05	4.45	48.43	61.13	21.87	0.0	0.000	0.0	1.59	4.01	85.7	0.0	0.0	0.0
137 DL	7.7	7.2	19.0	0.18	0.006	0.012	0.05	4.42	48.44	61.42	21.90	0.0	0.000	0.0	1.58	4.42	85.8	0.0	0.0	0.0
138 DL	7.6	7.2	19.1	0.18	0.006	0.012	0.05	4.43	48.44	61.36	21.89	0.0	0.000	0.0	1.58	4.64	86.0	0.0	0.0	0.0
139 DL	7.5	7.5	20.0	0.18	0.006	0.012	0.05	4.44	48.45	61.28	21.88	0.0	0.000	0.0	1.58	4.84	86.1	0.0	0.0	0.0
140 DL	7.5	10.0	22.7	0.18	0.006	0.016	0.06	4.52	48.46	60.31	21.80	0.0	0.000	0.7	0.37	5.00	86.2	0.0	0.0	0.0
141 DL	7.7	16.1	28.8	0.19	0.006	0.026	0.08	4.88	48.46	56.61	21.50	0.0	0.001	3.3	1.88	5.43	86.4	0.0	0.0	0.0
142 DL	8.1	23.7	35.5	0.22	0.006	0.038	0.09	5.62	48.45	50.19	21.00	0.0	0.001	4.3	2.11	10.64	86.5	0.0	0.0	0.0
143 DL	8.4	32.4	40.8	0.27	0.007	0.052	0.11	6.66	48.46	43.38	20.49	0.0	0.002	5.5	2.26	12.25	86.5	0.0	0.0	0.0
144 DL	8.7	43.7	46.1	0.32	0.007	0.070	0.12	7.91	48.46	37.27	20.06	0.0	0.002	6.8	2.37	14.52	86.7	0.0	0.0	0.0
145 DL	9.2	58.3	51.5	0.37	0.007	0.093	0.14	9.38	48.46	31.95	19.70	0.0	0.002	8.1	2.36	16.42	86.8	0.0	0.0	0.0
146 DL	9.9	75.9	58.3	0.44	0.008	0.121	0.15	11.01	48.46	27.59	19.41	0.0	0.003	9.3	2.34	14.91	86.9	0.0	0.0	0.0
147 DL	10.9	96.9	71.1	0.51	0.009	0.155	0.19	12.88	48.46	23.84	19.17	0.0	0.003	10.8	2.30	15.22	87.2	0.0	0.0	0.0
148 DL	12.3	115.8	100.3	0.62	0.010	0.185	0.26	15.58	48.46	20.00	18.93	0.0	0.004	12.9	2.26	16.27	87.4	0.0	0.0	0.0
149 DL	13.6	120.8	144.7	0.78	0.011	0.193	0.38	19.57	48.45	16.18	18.70	0.0	0.004	16.1	2.26	16.38	87.6	0.0	0.0	0.0
150 DL	14.6	108.7	162.2	0.95	0.012	0.174	0.43	23.94	48.44	13.37	18.54	0.0	0.005	18.6	2.16	14.91	87.7	0.0	0.0	0.0
151 DL	14.7	88.2	119.4	1.05	0.012	0.141	0.31	26.44	48.41	12.16	18.48	0.0	0.006	20.2	2.14	13.13	87.9	0.0	0.0	0.0
152 DL	13.9	68.0	71.4	1.01	0.011	0.108	0.19	25.23	48.38	12.75	18.51	0.0	0.006	20.5	2.28	7.45	88.2	0.0	0.0	0.0
153 DL	12.9	51.7	49.9	0.87	0.010	0.082	0.13	21.74	48.39	14.73	18.63	0.0	0.006	20.2	2.61	3.85	88.5	0.0	0.0	0.0
154 DL	11.9	40.0	39.9	0.72	0.009	0.064	0.10	18.08	48.40	17.57	18.80	0.0	0.006	20.2	3.14	2.60	88.6	0.0	0.0	0.0
155 DL	11.1	32.4	35.1	0.60	0.009	0.052	0.09	15.12	48.41	20.77	19.00	0.0	0.006	20.1	3.74	2.57	88.7	0.0	0.0	0.0
156 DL	10.6	27.2	31.6	0.52	0.008	0.043	0.08	13.04	48.41	23.82	19.19	0.0	0.006	19.9	4.29	2.91	88.9	0.0	0.0	0.0
157 DL	10.2	23.0	28.6	0.46	0.008	0.037	0.07	11.60	48.41	26.54	19.36	0.0	0.005	19.7	4.78	2.73	89.1	0.0	0.0	0.0
158 DL	9.9	19.6	27.7	0.42	0.008	0.031	0.07	10.45	48.42	29.21	19.54	0.0	0.005	19.7	5.30	2.51	89.4	0.0	0.0	0.0
159 DL	9.7	17.2	28.5	0.38	0.008	0.028	0.07	9.50	48.42	31.84	19.71	0.0	0.005	19.7	5.82	2.59	89.6	0.0	0.0	0.0
160 DL	9.5	16.3	30.2	0.35	0.008	0.026	0.08	8.83	48.43	33.98	19.85	0.0	0.005	19.7	6.26	3.15	89.9	0.0	0.0	0.0
161 DL	9.4	16.5	32.2	0.34	0.007	0.026	0.08	8.50	48.42	35.16	19.93	0.0	0.005	19.8	6.53	3.85	90.2	0.0	0.0	0.0
162 DL	9.4	17.2	33.9	0.34	0.007	0.027	0.09	8.41	48.43	35.48	19.95	0.0	0.006	19.9	6.63	4.64	90.5	0.0	0.0	0.0
163 DL	9.3	17.9	35.3	0.34	0.007	0.029	0.09	8.44	48.44	35.36	19.95	0.0	0.006	20.0	6.65	5.26	90.7	0.0	0.0	0.0

164 DL	9.2	18.3	36.2	0.34	0.007	0.029	0.09	8.51	48.43	35.11	19.93	0.0	0.006	20.1	6.63	5.67	91.0	0.0	0.0	0.0
165 DL	9.1	18.2	36.0	0.34	0.007	0.029	0.09	8.55	48.43	34.96	19.92	0.0	0.006	20.2	6.63	5.82	91.2	0.0	0.0	0.0
166 DL	9.0	17.5	35.2	0.34	0.007	0.028	0.09	8.54	48.43	34.98	19.92	0.0	0.006	20.2	6.62	5.70	91.4	0.0	0.0	0.0
167 DL	8.9	16.3	33.2	0.34	0.007	0.026	0.09	8.47	48.43	35.28	19.94	0.0	0.006	20.1	6.66	4.89	91.6	0.0	0.0	0.0
168 DL	8.9	14.8	30.6	0.33	0.007	0.024	0.08	8.28	48.43	36.01	19.99	0.0	0.006	20.1	6.80	4.07	91.9	0.0	0.0	0.0
169 DL	8.7	13.1	26.9	0.32	0.007	0.021	0.07	7.93	48.43	37.40	20.09	0.0	0.005	18.4	6.58	3.66	92.1	0.0	0.0	0.0
170 DL	8.6	11.4	21.4	0.29	0.007	0.018	0.06	7.37	48.44	39.92	20.26	0.0	0.004	14.0	5.42	3.35	92.3	0.0	0.0	0.0
171 DL	8.7	10.1	16.0	0.26	0.007	0.016	0.04	6.49	48.44	44.63	20.59	0.0	0.003	9.4	4.16	2.18	92.5	0.0	0.0	0.0
172 DL	8.7	9.1	15.2	0.22	0.007	0.015	0.04	5.58	48.44	50.76	21.05	0.0	0.002	5.8	3.00	2.32	92.7	0.0	0.0	0.0
173 DL	8.6	8.4	15.4	0.20	0.007	0.013	0.04	5.00	48.43	55.60	21.43	0.0	0.001	2.4	1.41	3.34	92.8	0.0	0.0	0.0
174 DL	8.4	7.7	16.7	0.19	0.007	0.012	0.04	4.69	48.44	58.56	21.66	0.0	0.000	1.0	0.60	3.31	92.9	0.0	0.0	0.0
175 DL	8.2	7.1	17.6	0.18	0.007	0.011	0.05	4.52	48.44	60.32	21.81	0.0	0.000	0.1	0.09	3.64	93.0	0.0	0.0	0.0
176 DL	8.1	6.8	18.4	0.18	0.006	0.011	0.05	4.42	48.44	61.49	21.90	0.0	0.000	0.0	1.58	3.65	93.1	0.0	0.0	0.0
177 DL	8.0	6.7	18.9	0.17	0.006	0.011	0.05	4.35	48.44	62.23	21.96	0.0	0.000	0.0	1.55	4.05	93.2	0.0	0.0	0.0
178 DL	7.9	6.7	19.4	0.17	0.006	0.011	0.05	4.32	48.45	62.56	21.99	0.0	0.000	0.0	1.54	4.39	93.2	0.0	0.0	0.0
179 DL	7.9	7.1	19.9	0.17	0.006	0.011	0.05	4.34	48.45	62.41	21.98	0.0	0.000	0.0	1.55	4.38	93.3	0.0	0.0	0.0
180 DL	7.9	10.2	23.5	0.18	0.006	0.016	0.06	4.45	48.44	61.07	21.86	0.0	0.000	1.1	0.55	4.51	93.4	0.0	0.0	0.0
181 DL	8.2	17.1	30.3	0.19	0.006	0.027	0.08	4.84	48.44	56.94	21.52	0.0	0.001	3.5	1.98	5.45	93.5	0.0	0.0	0.0
182 DL	8.5	26.2	38.2	0.23	0.007	0.042	0.10	5.68	48.45	49.78	20.96	0.0	0.001	4.6	2.23	10.52	93.7	0.0	0.0	0.0
183 DL	8.9	37.1	44.2	0.28	0.007	0.059	0.12	6.96	48.45	41.71	20.37	0.0	0.002	5.8	2.31	12.20	93.9	0.0	0.0	0.0
184 DL	9.4	51.4	50.4	0.33	0.007	0.082	0.13	8.41	48.45	35.25	19.92	0.0	0.002	7.3	2.39	15.54	94.1	0.0	0.0	0.0
185 DL	10.1	70.7	57.1	0.40	0.008	0.113	0.15	9.96	48.44	30.20	19.58	0.0	0.002	8.7	2.40	15.91	94.3	0.0	0.0	0.0
186 DL	11.0	95.6	67.6	0.47	0.009	0.153	0.18	11.78	48.44	25.85	19.30	0.0	0.003	10.1	2.36	15.57	94.4	0.0	0.0	0.0
187 DL	12.4	120.8	93.6	0.57	0.010	0.193	0.25	14.32	48.44	21.58	19.03	0.0	0.003	11.9	2.28	16.04	94.5	0.0	0.0	0.0
188 DL	13.9	131.6	140.3	0.72	0.011	0.210	0.37	18.17	48.44	17.32	18.77	0.0	0.004	15.0	2.27	16.97	94.6	0.0	0.0	0.0
189 DL	15.1	122.0	175.1	0.91	0.012	0.195	0.46	22.91	48.42	13.93	18.57	0.0	0.005	17.8	2.15	14.76	94.8	0.0	0.0	0.0
190 DL	15.7	100.9	151.4	1.06	0.012	0.161	0.40	26.70	48.41	12.04	18.47	0.0	0.006	20.2	2.11	13.35	95.0	0.0	0.0	0.0
191 DL	15.3	78.7	83.8	1.07	0.012	0.126	0.22	26.83	48.36	12.00	18.47	0.0	0.006	20.7	2.17	9.82	95.2	0.0	0.0	0.0
192 DL	14.4	60.5	42.4	0.93	0.011	0.096	0.11	23.30	48.36	13.77	18.57	0.0	0.005	19.7	2.38	5.07	95.4	0.0	0.0	0.0
193 DL	13.4	47.0	29.8	0.75	0.011	0.075	0.08	18.86	48.38	16.87	18.76	0.0	0.006	20.0	2.97	2.98	95.5	0.0	0.0	0.0
194 DL	12.7	37.6	31.6	0.61	0.010	0.060	0.08	15.38	48.37	20.43	18.97	0.0	0.006	20.0	3.66	2.59	95.7	0.0	0.0	0.0
195 DL	12.1	31.5	34.4	0.52	0.010	0.050	0.09	13.07	48.39	23.76	19.18	0.0	0.006	20.2	4.32	3.57	95.8	0.0	0.0	0.0
196 DL	11.7	27.7	35.4	0.46	0.009	0.044	0.09	11.61	48.39	26.48	19.36	0.0	0.006	20.2	4.89	4.41	96.0	0.0	0.0	0.0
197 DL	11.3	25.1	35.4	0.43	0.009	0.040	0.09	10.70	48.39	28.52	19.49	0.0	0.006	20.2	5.31	4.66	96.2	0.0	0.0	0.0
198 DL	11.1	22.5	33.5	0.40	0.009	0.036	0.09	10.09	48.39	30.09	19.59	0.0	0.006	20.1	5.60	4.66	96.5	0.0	0.0	0.0
199 DL	10.8	19.7	30.9	0.38	0.009	0.031	0.08	9.56	48.39	31.61	19.69	0.0	0.006	20.0	5.86	3.67	96.8	0.0	0.0	0.0
200 DL	10.7	17.2	29.5	0.36	0.008	0.027	0.08	8.99	48.38	33.39	19.81	0.0	0.006	19.9	6.21	3.07	97.0	0.0	0.0	0.0
201 DL	10.6	15.3	29.4	0.34	0.008	0.024	0.08	8.47	48.40	35.26	19.94	0.0	0.006	19.9	6.58	2.98	97.3	0.0	0.0	0.0
202 DL	10.5	14.2	29.7	0.32	0.008	0.023	0.08	8.05	48.39	36.86	20.05	0.0	0.006	19.9	6.92	3.12	97.6	0.0	0.0	0.0
203 DL	10.5	13.8	30.8	0.31	0.008	0.022	0.08	7.81	48.40	37.87	20.12	0.0	0.006	19.9	7.14	3.58	97.9	0.0	0.0	0.0
204 DL	10.4	13.8	31.6	0.31	0.008	0.022	0.08	7.72	48.39	38.24	20.14	0.0	0.006	19.9	7.24	3.86	98.2	0.0	0.0	0.0
205 DL	10.4	13.9	32.6	0.31	0.008	0.022	0.09	7.72	48.39	38.23	20.14	0.0	0.006	20.0	7.26	4.10	98.4	0.0	0.0	0.0
206 DL	10.3	13.9	33.3	0.31	0.008	0.022	0.09	7.76	48.39	38.07	20.13	0.0	0.006	20.0	7.24	4.52	98.6	0.0	0.0	0.0
207 DL	10.3	13.9	33.7	0.31	0.008	0.022	0.09	7.79	48.41	37.95	20.12	0.0	0.006	20.1	7.23	4.57	98.8	0.0	0.0	0.0
208 DL	10.3	13.6	32.7	0.31	0.008	0.022	0.09	7.80	48.40	37.93	20.12	0.0	0.006	20.1	7.25	4.67	99.0	0.0	0.0	0.0
209 DL	10.2	12.9	29.5	0.31	0.008	0.021	0.08	7.69	48.39	38.41	20.16	0.0	0.005	19.1	7.03	4.73	99.1	0.0	0.0	0.0
210 DL	10.1	11.9	23.7	0.29	0.008	0.019	0.06	7.34	48.40	40.03	20.27	0.0	0.004	14.4	5.60	4.17	99.3	0.0	0.0	0.0
211 DL	10.2	10.7	17.0	0.27	0.008	0.017	0.04	6.68	48.40	43.45	20.51	0.0	0.003	9.6	4.13	2.90	99.2	0.0	0.0	0.0
212 DL	10.2	9.5	15.9	0.23	0.008	0.015	0.04	5.86	48.40	48.60	20.89	0.0	0.002	6.0	2.94	2.38	99.3	0.0	0.0	0.0
213 DL	10.0	8.4	16.0	0.21	0.008	0.013	0.04	5.19	48.41	53.82	21.29	0.0	0.001	2.5	1.44	3.32	99.3	0.0	0.0	0.0
214 DL	9.8	7.6	16.9	0.19	0.008	0.012	0.04	4.72	48.42	58.23	21.64	0.0	0.000	0.7	0.48	3.34	99.2	0.0	0.0	0.0
215 DL	9.6	7.2	18.0	0.18	0.008	0.011	0.05	4.45	48.42	61.04	21.86	0.0	0.000	0.1	0.04	3.73	99.3	0.0	0.0	0.0
216 DL	9.4	7.1	18.8	0.17	0.007	0.011	0.05	4.36	48.42	62.06	21.95	0.0	0.000	0.0	1.56	4.03	99.5	0.0	0.0	0.0
217 DL	9.3	7.1	19.3	0.17	0.007	0.011	0.05	4.35	48.43	62.23	21.96	0.0	0.000	0.0	1.55	4.32	99.7	0.0	0.0	0.0
218 DL	9.2	7.0	19.4	0.17	0.007	0.011	0.05	4.35	48.42	62.19	21.96	0.0	0.000	0.0	1.55	4.65	99.9	0.0	0.0	0.0
219 DL	9.1	7.4	20.2	0.17	0.007	0.012	0.05	4.35	48.44	62.20	21.96	0.0	0.000	0.0	1.55	4.89	100.1	0.0	0.0	0.0
220 DL	9.1	10.9	23.6	0.18	0.007	0.017	0.06	4.44	48.43	61.11	21.87	0.0	0.000	0.8	0.46	4.89	100.3	0.0	0.0	0.0
221 DL	9.4	18.1	30.8	0.19	0.007	0.029	0.08	4.87	48.43	56.59	21.50	0.0	0.001	3.5	1.98	5.83	100.5	0.0	0.0	0.0
222 DL	9.7	27.6	38.6	0.23	0.008	0.044	0.10	5.71	48.44	49.46	20.94	0.0	0.001	4.7	2.24	10.99	100.9	0.0	0.0	0.0

223 DL	10.1	39.9	44.3	0.27	0.008	0.064	0.12	6.90	48.43	41.99	20.39	0.0	0.002	5.9	2.37	12.44	101.2	0.0	0.0	0.0
224 DL	10.5	56.9	51.0	0.33	0.008	0.091	0.13	8.34	48.43	35.45	19.93	0.0	0.002	7.4	2.44	16.44	101.4	0.0	0.0	0.0
225 DL	11.1	76.8	57.8	0.40	0.009	0.123	0.15	10.10	48.43	29.79	19.55	0.0	0.002	8.8	2.38	17.20	101.5	0.0	0.0	0.0
226 DL	11.9	98.4	67.0	0.48	0.009	0.157	0.18	12.03	48.44	25.35	19.26	0.0	0.003	10.2	2.32	16.09	101.6	0.0	0.0	0.0
227 DL	13.1	120.6	86.6	0.57	0.010	0.192	0.23	14.30	48.44	21.58	19.03	0.0	0.003	11.8	2.27	16.32	101.7	0.0	0.0	0.0
228 DL	14.4	135.8	128.0	0.69	0.011	0.217	0.34	17.44	48.43	17.96	18.81	0.0	0.004	15.0	2.35	16.21	101.8	0.0	0.0	0.0
229 DL	15.7	133.1	168.8	0.86	0.012	0.213	0.44	21.59	48.42	14.71	18.62	0.0	0.005	17.6	2.25	13.84	101.8	0.0	0.0	0.0
230 DL	16.4	113.6	157.5	1.03	0.013	0.181	0.41	25.77	48.40	12.44	18.49	0.0	0.006	20.1	2.16	12.78	101.9	0.0	0.0	0.0
231 DL	16.2	89.8	86.8	1.07	0.013	0.143	0.23	26.75	48.36	12.02	18.47	0.0	0.006	20.3	2.13	10.14	102.1	0.0	0.0	0.0
232 DL	15.3	71.0	40.5	0.93	0.012	0.113	0.11	23.33	48.35	13.75	18.57	0.0	0.005	19.5	2.34	6.79	102.3	0.0	0.0	0.0
233 DL	14.2	58.0	35.1	0.75	0.011	0.093	0.09	18.88	48.37	16.82	18.75	0.0	0.006	20.2	3.00	4.24	102.7	0.0	0.0	0.0
234 DL	13.3	47.9	38.1	0.63	0.011	0.076	0.10	15.77	48.38	19.91	18.94	0.0	0.006	20.2	3.58	5.01	102.9	0.0	0.0	0.0
235 DL	12.6	39.0	36.2	0.55	0.010	0.062	0.09	13.70	48.39	22.70	19.12	0.0	0.006	20.1	4.11	4.91	103.0	0.0	0.0	0.0
236 DL	12.0	31.9	33.8	0.48	0.009	0.051	0.09	12.06	48.39	25.56	19.30	0.0	0.006	20.1	4.68	3.66	103.3	0.0	0.0	0.0
237 DL	11.6	27.4	32.7	0.43	0.009	0.044	0.09	10.78	48.39	28.32	19.47	0.0	0.006	20.1	5.23	3.56	103.5	0.0	0.0	0.0
238 DL	11.3	24.1	31.6	0.40	0.009	0.038	0.08	9.92	48.39	30.53	19.62	0.0	0.006	20.0	5.66	3.53	103.8	0.0	0.0	0.0
239 DL	11.1	21.4	30.7	0.37	0.009	0.034	0.08	9.33	48.40	32.29	19.74	0.0	0.006	20.0	6.01	3.36	104.0	0.0	0.0	0.0
240 DL	11.0	18.9	30.1	0.35	0.009	0.030	0.08	8.86	48.40	33.85	19.84	0.0	0.006	20.0	6.32	3.22	104.3	0.0	0.0	0.0
241 DL	10.8	16.8	29.8	0.34	0.009	0.027	0.08	8.42	48.40	35.41	19.95	0.0	0.006	19.9	6.64	3.27	104.5	0.0	0.0	0.0
242 DL	10.7	15.2	29.9	0.32	0.008	0.024	0.08	8.04	48.40	36.89	20.05	0.0	0.006	19.9	6.95	3.48	104.6	0.0	0.0	0.0
243 DL	10.6	14.5	30.4	0.31	0.008	0.023	0.08	7.77	48.40	38.02	20.13	0.0	0.006	19.9	7.20	3.48	104.7	0.0	0.0	0.0
244 DL	10.5	14.3	30.4	0.30	0.008	0.023	0.08	7.64	48.41	38.63	20.17	0.0	0.006	19.9	7.33	3.59	104.8	0.0	0.0	0.0
245 DL	10.5	13.9	30.7	0.30	0.008	0.022	0.08	7.57	48.41	38.91	20.19	0.0	0.006	20.0	7.39	3.76	105.0	0.0	0.0	0.0
246 DL	10.4	13.4	31.2	0.30	0.008	0.021	0.08	7.53	48.40	39.09	20.20	0.0	0.006	20.0	7.45	3.94	105.1	0.0	0.0	0.0
247 DL	10.3	13.0	31.6	0.30	0.008	0.021	0.08	7.51	48.41	39.22	20.21	0.0	0.006	20.0	7.49	3.90	105.3	0.0	0.0	0.0
248 DL	10.2	12.4	30.9	0.30	0.008	0.020	0.08	7.47	48.41	39.40	20.23	0.0	0.006	20.1	7.55	4.01	105.4	0.0	0.0	0.0
249 DL	10.0	11.6	27.3	0.29	0.008	0.019	0.07	7.31	48.40	40.15	20.28	0.0	0.005	18.3	7.09	4.01	105.6	0.0	0.0	0.0
250 DL	9.9	10.8	21.5	0.28	0.008	0.017	0.06	6.90	48.42	42.25	20.43	0.0	0.004	14.0	5.79	3.71	105.8	0.0	0.0	0.0
251 DL	10.0	9.9	15.9	0.25	0.008	0.016	0.04	6.22	48.42	46.24	20.71	0.0	0.003	9.3	4.29	2.38	105.9	0.0	0.0	0.0
252 DL	9.9	9.0	15.4	0.22	0.008	0.014	0.04	5.49	48.42	51.41	21.10	0.0	0.002	5.7	3.01	2.66	106.1	0.0	0.0	0.0
253 DL	9.7	8.0	15.5	0.20	0.008	0.013	0.04	4.94	48.42	56.12	21.47	0.0	0.001	2.4	1.43	3.24	106.3	0.0	0.0	0.0
254 DL	9.5	7.2	16.7	0.18	0.008	0.011	0.04	4.54	48.42	60.12	21.79	0.0	0.000	0.8	0.50	3.32	106.4	0.0	0.0	0.0
255 DL	9.3	6.7	18.1	0.17	0.007	0.011	0.05	4.30	48.43	62.76	22.01	0.0	0.000	0.1	0.06	3.69	106.6	0.0	0.0	0.0
256 DL	9.1	6.7	18.7	0.17	0.007	0.011	0.05	4.20	48.44	63.95	22.11	0.0	0.000	0.0	0.00	3.78	106.7	0.0	0.0	0.0
257 DL	8.9	6.6	19.3	0.17	0.007	0.011	0.05	4.20	48.45	64.03	22.11	0.0	0.000	0.0	1.50	4.23	106.8	0.0	0.0	0.0
258 DL	8.8	6.6	19.5	0.17	0.007	0.011	0.05	4.22	48.44	63.79	22.09	0.0	0.000	0.0	1.51	4.42	106.9	0.0	0.0	0.0
259 DL	8.7	7.2	20.3	0.17	0.007	0.012	0.05	4.24	48.44	63.53	22.07	0.0	0.000	0.0	1.51	4.52	107.1	0.0	0.0	0.0
260 DL	8.7	11.1	24.3	0.17	0.007	0.018	0.06	4.37	48.45	61.96	21.94	0.0	0.000	1.2	0.67	4.38	107.3	0.0	0.0	0.0
261 DL	9.0	19.8	32.3	0.19	0.007	0.032	0.08	4.86	48.45	56.68	21.50	0.0	0.001	3.7	2.10	5.57	107.4	0.0	0.0	0.0
262 DL	9.4	31.2	41.3	0.23	0.007	0.050	0.11	5.86	48.45	48.38	20.85	0.0	0.001	5.0	2.32	10.92	107.5	0.0	0.0	0.0
263 DL	9.8	45.5	48.5	0.29	0.008	0.073	0.13	7.20	48.45	40.42	20.28	0.0	0.002	6.4	2.44	13.68	107.6	0.0	0.0	0.0
264 DL	10.4	65.9	56.4	0.35	0.008	0.105	0.15	8.77	48.45	33.87	19.82	0.0	0.002	8.0	2.50	17.47	107.8	0.0	0.0	0.0
265 DL	11.2	93.2	66.5	0.43	0.009	0.149	0.17	10.73	48.45	28.16	19.44	0.0	0.003	9.6	2.44	16.55	107.9	0.0	0.0	0.0
266 DL	12.3	119.5	88.3	0.54	0.010	0.191	0.23	13.45	48.46	22.87	19.10	0.0	0.003	11.3	2.30	16.13	108.1	0.0	0.0	0.0
267 DL	13.7	130.9	134.0	0.69	0.011	0.209	0.35	17.31	48.44	18.13	18.82	0.0	0.004	14.2	2.24	15.45	108.3	0.0	0.0	0.0
268 DL	15.0	122.0	173.1	0.87	0.012	0.195	0.45	21.92	48.44	14.53	18.61	0.0	0.005	17.3	2.18	13.22	108.5	0.0	0.0	0.0
269 DL	15.7	100.6	146.8	1.01	0.012	0.161	0.38	25.42	48.41	12.61	18.50	0.0	0.005	19.8	2.17	12.25	108.6	0.0	0.0	0.0
270 DL	15.4	78.5	87.4	1.01	0.012	0.125	0.23	25.41	48.36	12.63	18.51	0.0	0.006	20.2	2.22	9.07	108.8	0.0	0.0	0.0
271 DL	14.5	60.6	59.3	0.90	0.011	0.097	0.16	22.50	48.36	14.23	18.60	0.0	0.006	20.5	2.56	4.90	108.9	0.0	0.0	0.0
272 DL	13.4	46.9	46.9	0.76	0.011	0.075	0.12	19.09	48.37	16.66	18.75	0.0	0.006	20.4	3.01	3.32	109.1	0.0	0.0	0.0
273 DL	12.5	36.3	38.0	0.64	0.010	0.058	0.10	16.10	48.39	19.58	18.92	0.0	0.006	20.3	3.54	2.90	109.2	0.0	0.0	0.0
274 DL	11.8	28.6	31.5	0.54	0.009	0.046	0.08	13.56	48.39	22.98	19.13	0.0	0.006	20.2	4.17	2.66	109.5	0.0	0.0	0.0
275 DL	11.3	23.4	28.8	0.46	0.009	0.037	0.08	11.57	48.40	26.60	19.36	0.0	0.006	20.1	4.87	2.44	109.6	0.0	0.0	0.0
276 DL	11.0	20.2	27.8	0.41	0.009	0.032	0.07	10.19	48.40	29.86	19.58	0.0	0.006	20.0	5.51	2.63	109.9	0.0	0.0	0.0
277 DL	10.8	18.0	28.2	0.37	0.009	0.029	0.07	9.30	48.40	32.40	19.75	0.0	0.006	19.9	6.01	2.78	110.1	0.0	0.0	0.0
278 DL	10.6	16.5	28.9	0.35	0.008	0.026	0.08	8.75	48.40	34.24	19.87	0.0	0.006	19.9	6.39	3.00	110.4	0.0	0.0	0.0
279 DL	10.5	15.2	29.8	0.33	0.008	0.024	0.08	8.38	48.39	35.57	19.96	0.0	0.006	19.9	6.68	3.33	110.6	0.0	0.0	0.0
280 DL	10.4	14.2	30.4	0.32	0.008	0.023	0.08	8.10	48.40	36.67	20.04	0.0	0.006	20.0	6.92	3.59	110.8	0.0	0.0	0.0
281 DL	10.3	13.3	30.8	0.31	0.008	0.021	0.08	7.86	48.40	37.65	20.10	0.0	0.006	20.0	7.12	3.73	111.0	0.0	0.0	0.0

282	DL	10.2	12.8	31.0	0.31	0.008	0.020	0.08	7.67	48.40	38.50	20.16	0.0	0.006	20.0	7.32	3.83	111.2	0.0	0.0	0.0
283	DL	10.1	12.6	31.3	0.30	0.008	0.020	0.08	7.57	48.41	38.96	20.20	0.0	0.006	20.0	7.44	3.95	111.3	0.0	0.0	0.0
284	DL	10.1	12.6	31.8	0.30	0.008	0.020	0.08	7.54	48.41	39.09	20.20	0.0	0.006	20.1	7.48	4.05	111.5	0.0	0.0	0.0
285	DL	10.0	12.5	31.7	0.30	0.008	0.020	0.08	7.55	48.42	39.05	20.20	0.0	0.006	20.1	7.49	4.14	111.7	0.0	0.0	0.0
286	DL	9.9	12.3	31.9	0.30	0.008	0.020	0.08	7.54	48.41	39.08	20.20	0.0	0.006	20.2	7.52	4.16	111.9	0.0	0.0	0.0
287	DL	9.9	12.0	32.1	0.30	0.008	0.019	0.08	7.53	48.41	39.14	20.21	0.0	0.006	20.2	7.54	4.09	112.0	0.0	0.0	0.0
288	DL	9.8	11.4	31.2	0.30	0.008	0.018	0.08	7.49	48.42	39.34	20.22	0.0	0.006	20.2	7.59	4.06	112.2	0.0	0.0	0.0
289	DL	9.7	10.6	27.4	0.29	0.008	0.017	0.07	7.30	48.42	40.22	20.28	0.0	0.005	18.6	7.22	3.97	112.3	0.0	0.0	0.0
290	DL	9.6	9.8	21.0	0.27	0.008	0.016	0.06	6.87	48.42	42.45	20.44	0.0	0.004	14.1	5.88	3.72	112.5	0.0	0.0	0.0
291	DL	9.7	9.1	15.8	0.24	0.008	0.015	0.04	6.12	48.43	46.88	20.76	0.0	0.003	9.7	4.56	2.28	112.5	0.0	0.0	0.0
292	DL	9.6	8.3	15.0	0.21	0.008	0.013	0.04	5.36	48.44	52.47	21.18	0.0	0.002	6.1	3.27	2.40	112.7	0.0	0.0	0.0
293	DL	9.4	7.6	15.5	0.19	0.007	0.012	0.04	4.83	48.43	57.20	21.55	0.0	0.001	2.6	1.63	3.01	112.8	0.0	0.0	0.0
294	DL	9.2	6.9	16.4	0.18	0.007	0.011	0.04	4.48	48.42	60.82	21.85	0.0	0.000	1.1	0.72	3.20	112.8	0.0	0.0	0.0
295	DL	9.0	6.4	17.5	0.17	0.007	0.010	0.05	4.27	48.43	63.21	22.04	0.0	0.000	0.1	0.12	3.74	113.0	0.0	0.0	0.0
296	DL	8.8	6.1	18.5	0.17	0.007	0.010	0.05	4.16	48.44	64.46	22.15	0.0	0.000	0.0	0.01	3.89	113.0	0.0	0.0	0.0
297	DL	8.6	6.1	19.1	0.16	0.007	0.010	0.05	4.12	48.44	65.05	22.20	0.0	0.000	0.0	1.47	4.25	113.1	0.0	0.0	0.0
298	DL	8.4	6.1	19.5	0.16	0.007	0.010	0.05	4.12	48.44	65.05	22.20	0.0	0.000	0.0	1.47	4.50	113.2	0.0	0.0	0.0
299	DL	8.3	6.8	20.5	0.17	0.007	0.011	0.05	4.16	48.44	64.53	22.15	0.0	0.000	0.0	1.48	4.44	113.4	0.0	0.0	0.0
300	DL	8.4	11.1	24.6	0.17	0.007	0.018	0.06	4.31	48.45	62.60	21.99	0.0	0.000	1.3	0.70	4.33	113.5	0.0	0.0	0.0
301	DL	8.7	20.8	33.2	0.19	0.007	0.033	0.09	4.82	48.46	57.06	21.53	0.0	0.001	3.8	2.19	5.87	113.7	0.0	0.0	0.0
302	DL	9.1	35.2	42.1	0.23	0.007	0.056	0.11	5.90	48.44	48.09	20.83	0.0	0.001	5.2	2.40	10.93	113.9	0.0	0.0	0.0
303	DL	9.6	54.2	50.3	0.30	0.008	0.087	0.13	7.46	48.44	39.13	20.18	0.0	0.002	6.8	2.49	14.23	114.1	0.0	0.0	0.0
304	DL	10.3	77.9	59.3	0.37	0.008	0.124	0.16	9.32	48.45	32.01	19.69	0.0	0.002	8.4	2.47	16.89	114.3	0.0	0.0	0.0
305	DL	11.2	103.6	72.4	0.46	0.009	0.165	0.19	11.43	48.44	26.54	19.34	0.0	0.003	10.1	2.42	16.50	114.5	0.0	0.0	0.0
306	DL	12.5	120.3	99.9	0.56	0.010	0.192	0.26	14.12	48.45	21.88	19.04	0.0	0.003	12.1	2.34	16.39	114.6	0.0	0.0	0.0
307	DL	13.7	117.3	134.2	0.70	0.011	0.187	0.35	17.64	48.44	17.82	18.80	0.0	0.004	15.4	2.41	14.74	114.6	0.0	0.0	0.0
308	DL	14.6	100.6	141.9	0.85	0.012	0.161	0.37	21.20	48.41	15.00	18.64	0.0	0.005	17.7	2.31	10.08	114.7	0.0	0.0	0.0
309	DL	15.1	81.5	120.3	0.94	0.012	0.130	0.32	23.59	48.39	13.56	18.56	0.0	0.005	19.3	2.28	6.75	114.7	0.0	0.0	0.0
310	DL	15.0	65.8	88.1	0.95	0.012	0.105	0.23	23.91	48.37	13.40	18.55	0.0	0.006	20.1	2.35	4.78	114.7	0.0	0.0	0.0
311	DL	14.5	53.7	62.4	0.89	0.011	0.086	0.16	22.20	48.37	14.41	18.61	0.0	0.006	21.0	2.65	3.79	114.9	0.0	0.0	0.0
312	DL	13.6	43.9	46.0	0.78	0.011	0.070	0.12	19.48	48.37	16.34	18.73	0.0	0.006	20.5	2.96	3.14	115.0	0.0	0.0	0.0
313	DL	12.6	35.7	33.8	0.66	0.010	0.057	0.09	16.61	48.38	19.01	18.89	0.0	0.006	20.3	3.43	2.52	115.3	0.0	0.0	0.0
314	DL	12.0	28.8	24.8	0.56	0.009	0.046	0.07	13.94	48.39	22.41	19.10	0.0	0.005	19.4	3.91	2.23	115.5	0.0	0.0	0.0
315	DL	11.9	23.5	17.3	0.46	0.009	0.037	0.05	11.42	48.39	26.97	19.38	0.0	0.005	19.0	4.67	1.91	115.8	0.0	0.0	0.0
316	DL	11.9	20.2	17.1	0.36	0.009	0.032	0.04	9.13	48.39	33.00	19.78	0.0	0.005	19.2	5.88	1.62	116.0	0.0	0.0	0.0
317	DL	11.7	19.3	24.1	0.31	0.009	0.031	0.06	7.73	48.40	38.18	20.14	0.0	0.005	19.3	7.01	2.52	116.2	0.0	0.0	0.0
318	DL	11.5	19.9	30.8	0.29	0.009	0.032	0.08	7.36	48.39	39.79	20.25	0.0	0.005	19.6	7.44	4.51	116.4	0.0	0.0	0.0
319	DL	11.2	21.1	34.5	0.30	0.009	0.034	0.09	7.53	48.40	38.99	20.19	0.0	0.005	19.7	7.32	5.55	116.6	0.0	0.0	0.0
320	DL	10.9	21.9	36.8	0.31	0.009	0.035	0.10	7.85	48.41	37.64	20.10	0.0	0.006	20.0	7.12	6.18	116.8	0.0	0.0	0.0
321	DL	10.7	22.2	37.9	0.32	0.008	0.035	0.10	8.12	48.40	36.50	20.02	0.0	0.006	20.1	6.94	6.24	116.9	0.0	0.0	0.0
322	DL	10.5	22.0	38.2	0.33	0.008	0.035	0.10	8.34	48.41	35.68	19.97	0.0	0.006	20.3	6.83	6.04	117.0	0.0	0.0	0.0
323	DL	10.3	21.3	38.0	0.34	0.008	0.034	0.10	8.46	48.40	35.22	19.93	0.0	0.006	20.5	6.78	5.87	117.1	0.0	0.0	0.0
324	DL	10.1	19.9	36.2	0.34	0.008	0.032	0.09	8.51	48.40	35.08	19.93	0.0	0.006	20.5	6.75	5.56	117.3	0.0	0.0	0.0
325	DL	9.9	18.0	33.3	0.34	0.008	0.029	0.09	8.42	48.40	35.40	19.95	0.0	0.006	20.4	6.81	4.72	117.4	0.0	0.0	0.0
326	DL	9.8	15.8	29.4	0.33	0.008	0.025	0.08	8.23	48.40	36.16	20.00	0.0	0.006	20.2	6.90	3.94	117.6	0.0	0.0	0.0
327	DL	9.7	13.6	25.9	0.31	0.008	0.022	0.07	7.86	48.41	37.69	20.11	0.0	0.006	20.0	7.16	3.08	117.7	0.0	0.0	0.0
328	DL	9.6	11.4	23.6	0.29	0.008	0.018	0.06	7.37	48.41	39.88	20.26	0.0	0.006	19.9	7.60	2.66	117.9	0.0	0.0	0.0
329	DL	9.5	9.7	21.1	0.27	0.007	0.015	0.06	6.83	48.41	42.64	20.45	0.0	0.005	18.8	7.81	2.55	118.0	0.0	0.0	0.0
330	DL	9.4	8.6	17.4	0.25	0.007	0.014	0.05	6.19	48.41	46.41	20.73	0.0	0.004	14.4	6.64	2.47	118.2	0.0	0.0	0.0
331	DL	9.4	8.0	13.9	0.22	0.007	0.013	0.04	5.44	48.41	51.80	21.13	0.0	0.003	10.3	5.40	1.96	118.4	0.0	0.0	0.0
332	DL	9.3	7.7	14.4	0.19	0.007	0.012	0.04	4.76	48.42	57.86	21.60	0.0	0.002	6.6	4.02	2.41	118.5	0.0	0.0	0.0
333	DL	9.1	7.2	14.7	0.17	0.007	0.012	0.04	4.34	48.43	62.34	21.97	0.0	0.001	3.2	2.16	3.39	118.6	0.0	0.0	0.0
334	DL	8.9	6.9	15.8	0.16	0.007	0.011	0.04	4.11	48.43	65.12	22.20	0.0	0.000	1.3	0.92	3.38	118.8	0.0	0.0	0.0
335	DL	8.7	6.5	17.1	0.16	0.007	0.010	0.04	4.01	48.43	66.40	22.31	0.0	0.000	0.3	0.23	3.80	119.0	0.0	0.0	0.0
336	DL	8.5	6.3	17.9	0.16	0.007	0.010	0.05	3.98	48.43	66.76	22.34	0.0	0.000	0.0	0.01	4.01	119.1	0.0	0.0	0.0
337	DL	8.3	6.1	18.6	0.16	0.007	0.010	0.05	3.99	48.43	66.75	22.34	0.0	0.000	0.0	1.42	4.34	119.2	0.0	0.0	0.0
338	DL	8.2	6.1	19.0	0.16	0.006	0.010	0.05	4.00	48.43	66.54	22.33	0.0	0.000	0.0	1.43	4.58	119.3	0.0	0.0	0.0
339	DL	8.1	6.9	20.0	0.16	0.006	0.011	0.05	4.04	48.43	66.07	22.28	0.0	0.000	0.0	1.44	4.54	119.4	0.0	0.0	0.0
340	DL	8.2	11.3	24.6	0.17	0.006	0.018	0.06	4.20	48.44	63.95	22.10	0.0	0.000	1.3	0.75	4.59	119.5	0.0	0.0	0.0

341 DL	8.5	21.0	32.9	0.19	0.007	0.034	0.09	4.70	48.44	58.22	21.62	0.0	0.001	3.9	2.25	6.31	119.7	0.0	0.0	0.0
342 DL	9.0	35.4	42.1	0.23	0.007	0.057	0.11	5.73	48.45	49.25	20.91	0.0	0.001	5.2	2.50	11.24	119.8	0.0	0.0	0.0
343 DL	9.6	55.7	50.5	0.29	0.008	0.089	0.13	7.23	48.44	40.21	20.25	0.0	0.002	6.7	2.56	14.40	119.9	0.0	0.0	0.0
344 DL	10.3	81.7	58.6	0.36	0.008	0.130	0.15	9.15	48.45	32.53	19.73	0.0	0.002	8.4	2.50	17.14	120.0	0.0	0.0	0.0
345 DL	11.2	109.2	69.9	0.45	0.009	0.174	0.18	11.36	48.44	26.67	19.34	0.0	0.003	9.9	2.39	17.17	120.1	0.0	0.0	0.0
346 DL	12.5	131.6	94.2	0.56	0.010	0.210	0.25	13.94	48.44	22.07	19.05	0.0	0.003	11.8	2.31	17.40	120.2	0.0	0.0	0.0
347 DL	13.9	139.4	138.4	0.69	0.011	0.223	0.36	17.31	48.44	18.08	18.81	0.0	0.004	14.9	2.37	17.35	120.4	0.0	0.0	0.0
348 DL	15.2	126.9	165.1	0.85	0.012	0.203	0.43	21.29	48.43	14.91	18.63	0.0	0.005	17.7	2.30	14.65	120.4	0.0	0.0	0.0
349 DL	15.7	102.5	137.9	0.98	0.012	0.164	0.36	24.49	48.39	13.06	18.53	0.0	0.005	19.8	2.25	11.42	120.4	0.0	0.0	0.0
350 DL	15.2	79.0	84.6	0.99	0.012	0.126	0.22	24.76	48.36	12.95	18.52	0.0	0.006	20.4	2.31	7.12	120.4	0.0	0.0	0.0
351 DL	14.2	61.9	54.8	0.88	0.011	0.099	0.14	22.04	48.35	14.50	18.62	0.0	0.006	20.5	2.61	3.95	120.5	0.0	0.0	0.0
352 DL	13.1	49.9	41.8	0.74	0.010	0.080	0.11	18.65	48.36	17.01	18.77	0.0	0.006	20.4	3.06	2.82	120.8	0.0	0.0	0.0
353 DL	12.2	40.7	34.2	0.63	0.010	0.065	0.09	15.82	48.38	19.88	18.94	0.0	0.006	20.3	3.60	2.61	121.0	0.0	0.0	0.0
354 DL	11.5	32.9	27.7	0.54	0.009	0.052	0.07	13.56	48.39	22.97	19.13	0.0	0.006	19.8	4.11	2.54	121.2	0.0	0.0	0.0
355 DL	11.0	26.4	23.0	0.46	0.009	0.042	0.06	11.55	48.39	26.65	19.37	0.0	0.005	19.7	4.79	2.19	121.5	0.0	0.0	0.0
356 DL	10.7	22.2	22.5	0.39	0.008	0.035	0.06	9.83	48.39	30.86	19.64	0.0	0.005	19.7	5.62	2.13	121.7	0.0	0.0	0.0
357 DL	10.5	19.9	25.3	0.35	0.008	0.032	0.07	8.67	48.40	34.49	19.88	0.0	0.005	19.7	6.37	2.45	121.8	0.0	0.0	0.0
358 DL	10.4	18.7	28.3	0.32	0.008	0.030	0.07	8.12	48.39	36.56	20.03	0.0	0.005	19.8	6.82	3.11	122.0	0.0	0.0	0.0
359 DL	10.2	17.7	30.3	0.32	0.008	0.028	0.08	7.92	48.39	37.37	20.08	0.0	0.005	19.8	7.01	3.57	122.2	0.0	0.0	0.0
360 DL	10.1	16.8	31.6	0.31	0.008	0.027	0.08	7.84	48.40	37.72	20.11	0.0	0.006	19.9	7.11	3.97	122.4	0.0	0.0	0.0
361 DL	10.0	15.9	32.4	0.31	0.008	0.025	0.09	7.77	48.41	38.01	20.13	0.0	0.006	20.0	7.21	4.17	122.6	0.0	0.0	0.0
362 DL	9.9	15.3	32.9	0.31	0.008	0.024	0.09	7.72	48.40	38.25	20.14	0.0	0.006	20.0	7.28	4.23	122.8	0.0	0.0	0.0
363 DL	9.7	14.8	32.6	0.31	0.008	0.024	0.09	7.70	48.41	38.36	20.15	0.0	0.006	20.1	7.32	4.12	122.9	0.0	0.0	0.0
364 DL	9.6	14.1	31.9	0.31	0.008	0.023	0.08	7.67	48.41	38.47	20.16	0.0	0.006	20.0	7.34	4.15	123.1	0.0	0.0	0.0
365 DL	9.5	13.0	30.1	0.30	0.008	0.021	0.08	7.60	48.41	38.81	20.18	0.0	0.006	19.9	7.37	3.89	123.2	0.0	0.0	0.0
366 DL	9.4	11.8	28.6	0.30	0.007	0.019	0.08	7.43	48.42	39.62	20.24	0.0	0.006	19.9	7.54	3.40	123.3	0.0	0.0	0.0
367 DL	9.4	10.7	28.1	0.29	0.007	0.017	0.07	7.19	48.40	40.76	20.32	0.0	0.006	19.9	7.77	3.28	123.5	0.0	0.0	0.0
368 DL	9.3	10.0	27.4	0.28	0.007	0.016	0.07	6.98	48.42	41.84	20.40	0.0	0.006	19.9	8.02	3.32	123.6	0.0	0.0	0.0
369 DL	9.2	9.3	25.0	0.27	0.007	0.015	0.07	6.76	48.41	43.04	20.48	0.0	0.005	18.8	7.87	3.25	123.7	0.0	0.0	0.0
370 DL	9.0	8.7	20.6	0.26	0.007	0.014	0.05	6.43	48.41	44.94	20.62	0.0	0.004	14.7	6.52	3.15	123.8	0.0	0.0	0.0
371 DL	9.1	8.2	15.3	0.23	0.007	0.013	0.04	5.87	48.42	48.59	20.89	0.0	0.003	10.0	4.90	2.31	123.9	0.0	0.0	0.0
372 DL	9.0	7.6	14.5	0.21	0.007	0.012	0.04	5.15	48.43	54.22	21.32	0.0	0.002	6.1	3.44	2.44	124.0	0.0	0.0	0.0
373 DL	8.8	6.9	15.2	0.18	0.007	0.011	0.04	4.57	48.42	59.86	21.77	0.0	0.001	2.7	1.72	3.68	124.1	0.0	0.0	0.0
374 DL	8.6	6.5	16.2	0.17	0.007	0.010	0.04	4.19	48.42	64.18	22.12	0.0	0.000	1.0	0.68	3.44	124.2	0.0	0.0	0.0
375 DL	8.3	6.2	17.3	0.16	0.007	0.010	0.05	4.00	48.42	66.53	22.32	0.0	0.000	0.2	0.14	3.76	124.3	0.0	0.0	0.0
376 DL	8.1	6.1	18.4	0.16	0.006	0.010	0.05	3.96	48.43	67.05	22.37	0.0	0.000	0.0	1.41	3.84	124.4	0.0	0.0	0.0
377 DL	8.0	6.0	19.0	0.16	0.006	0.010	0.05	4.00	48.43	66.60	22.33	0.0	0.000	0.0	1.43	3.95	124.5	0.0	0.0	0.0
378 DL	7.8	6.0	19.2	0.16	0.006	0.010	0.05	4.04	48.43	66.11	22.29	0.0	0.000	0.0	1.44	4.21	124.7	0.0	0.0	0.0
379 DL	7.7	6.7	20.0	0.16	0.006	0.011	0.05	4.07	48.44	65.65	22.25	0.0	0.000	0.0	1.45	4.37	124.8	0.0	0.0	0.0
380 DL	7.8	11.2	24.1	0.17	0.006	0.018	0.06	4.20	48.45	63.91	22.10	0.0	0.000	1.1	0.62	4.25	124.9	0.0	0.0	0.0
381 DL	8.1	21.7	33.0	0.19	0.006	0.035	0.09	4.70	48.45	58.20	21.62	0.0	0.001	3.9	2.25	5.59	125.0	0.0	0.0	0.0
382 DL	8.7	36.9	43.5	0.23	0.007	0.059	0.11	5.79	48.45	48.83	20.88	0.0	0.001	5.3	2.49	10.99	125.1	0.0	0.0	0.0
383 DL	9.2	58.7	53.1	0.29	0.007	0.094	0.14	7.32	48.44	39.72	20.22	0.0	0.002	7.1	2.63	15.30	125.2	0.0	0.0	0.0
384 DL	9.9	87.5	63.5	0.37	0.008	0.140	0.17	9.23	48.45	32.22	19.70	0.0	0.002	8.8	2.60	17.56	125.2	0.0	0.0	0.0
385 DL	11.0	113.9	82.6	0.46	0.009	0.182	0.22	11.66	48.44	26.06	19.30	0.0	0.003	10.7	2.50	17.31	125.3	0.0	0.0	0.0
386 DL	12.3	119.7	107.0	0.60	0.010	0.191	0.28	15.04	48.44	20.66	18.97	0.0	0.004	13.2	2.39	16.63	125.4	0.0	0.0	0.0
387 DL	12.9	117.2	102.8	0.73	0.010	0.187	0.27	18.33	48.41	17.15	18.76	0.0	0.004	15.8	2.38	12.85	125.5	0.0	0.0	0.0
388 DL	13.5	123.8	110.4	0.80	0.011	0.198	0.29	19.99	48.40	15.78	18.68	0.0	0.005	16.5	2.28	7.55	125.6	0.0	0.0	0.0
389 DL	14.4	120.2	132.9	0.87	0.011	0.192	0.35	21.88	48.41	14.52	18.61	0.0	0.005	19.1	2.41	9.24	125.6	0.0	0.0	0.0
390 DL	14.5	100.9	102.1	0.94	0.011	0.161	0.27	23.51	48.38	13.57	18.56	0.0	0.006	20.6	2.44	8.98	125.7	0.0	0.0	0.0
391 DL	13.7	78.8	55.8	0.89	0.011	0.126	0.15	22.32	48.35	14.30	18.60	0.0	0.006	20.3	2.55	5.52	125.8	0.0	0.0	0.0
392 DL	12.8	60.2	33.5	0.76	0.010	0.096	0.09	18.95	48.36	16.75	18.75	0.0	0.006	20.0	2.96	3.36	125.9	0.0	0.0	0.0
393 DL	11.9	46.1	30.4	0.62	0.009	0.074	0.08	15.50	48.37	20.26	18.96	0.0	0.006	20.2	3.65	2.63	126.2	0.0	0.0	0.0
394 DL	11.2	36.4	30.4	0.52	0.009	0.058	0.08	12.91	48.38	24.01	19.20	0.0	0.006	20.1	4.36	2.93	126.3	0.0	0.0	0.0
395 DL	10.6	30.2	28.4	0.44	0.008	0.048	0.07	11.15	48.38	27.47	19.42	0.0	0.006	19.9	5.01	2.93	126.6	0.0	0.0	0.0
396 DL	10.2	26.1	27.1	0.40	0.008	0.042	0.07	9.97	48.39	30.41	19.61	0.0	0.006	19.9	5.60	2.68	126.8	0.0	0.0	0.0
397 DL	9.9	22.9	26.9	0.37	0.008	0.036	0.07	9.19	48.39	32.74	19.77	0.0	0.006	19.9	6.07	2.81	127.1	0.0	0.0	0.0
398 DL	9.7	19.9	27.2	0.34	0.008	0.032	0.07	8.61	48.39	34.69	19.90	0.0	0.006	19.8	6.45	2.94	127.3	0.0	0.0	0.0
399 DL	9.6	17.4	27.9	0.32	0.008	0.028	0.07	8.13	48.39	36.53	20.02	0.0	0.006	19.8	6.84	2.99	127.6	0.0	0.0	0.0

400 DL	9.5	15.8	29.1	0.31	0.008	0.025	0.08	7.74	48.39	38.17	20.14	0.0	0.006	19.9	7.20	3.11	127.7	0.0	0.0	0.0
401 DL	9.4	15.0	30.1	0.30	0.007	0.024	0.08	7.51	48.39	39.16	20.21	0.0	0.006	19.9	7.44	3.35	127.8	0.0	0.0	0.0
402 DL	9.3	14.4	30.7	0.30	0.007	0.023	0.08	7.45	48.39	39.47	20.23	0.0	0.006	20.0	7.53	3.60	128.0	0.0	0.0	0.0
403 DL	9.2	13.7	30.9	0.30	0.007	0.022	0.08	7.43	48.39	39.59	20.24	0.0	0.006	20.0	7.56	3.77	128.1	0.0	0.0	0.0
404 DL	9.0	13.0	31.0	0.29	0.007	0.021	0.08	7.38	48.39	39.82	20.26	0.0	0.006	20.0	7.62	3.77	128.3	0.0	0.0	0.0
405 DL	9.0	12.4	31.2	0.29	0.007	0.020	0.08	7.32	48.40	40.09	20.27	0.0	0.006	20.1	7.71	3.76	128.4	0.0	0.0	0.0
406 DL	8.9	12.0	31.1	0.29	0.007	0.019	0.08	7.27	48.41	40.35	20.29	0.0	0.006	20.1	7.77	3.75	128.5	0.0	0.0	0.0
407 DL	8.8	11.7	30.8	0.29	0.007	0.019	0.08	7.24	48.40	40.50	20.30	0.0	0.006	20.2	7.82	3.72	128.6	0.0	0.0	0.0
408 DL	8.7	11.2	30.3	0.29	0.007	0.018	0.08	7.20	48.41	40.72	20.32	0.0	0.006	20.2	7.88	3.63	128.7	0.0	0.0	0.0
409 DL	8.6	10.2	27.7	0.28	0.007	0.016	0.07	7.08	48.40	41.31	20.36	0.0	0.005	19.5	7.80	3.52	128.8	0.0	0.0	0.0
410 DL	8.4	9.4	23.0	0.27	0.007	0.015	0.06	6.74	48.41	43.13	20.49	0.0	0.004	15.2	6.43	3.37	128.9	0.0	0.0	0.0
411 DL	8.5	8.8	16.5	0.24	0.007	0.014	0.04	6.11	48.41	46.95	20.77	0.0	0.003	10.9	5.13	2.52	129.0	0.0	0.0	0.0
412 DL	8.5	8.3	14.5	0.21	0.007	0.013	0.04	5.33	48.42	52.71	21.20	0.0	0.002	7.2	3.86	2.24	129.0	0.0	0.0	0.0
414 DL	8.3	7.7	14.9	0.19	0.007	0.012	0.04	4.75	48.41	57.97	21.61	0.0	0.001	3.7	2.40	3.42	129.1	0.0	0.0	0.0
414 DL	8.1	6.9	15.6	0.17	0.006	0.011	0.04	4.39	48.42	61.80	21.93	0.0	0.000	1.4	0.81	3.27	129.2	0.0	0.0	0.0
415 DL	7.9	6.4	16.8	0.17	0.006	0.010	0.04	4.15	48.42	64.62	22.16	0.0	0.000	0.2	0.18	3.54	129.3	0.0	0.0	0.0
416 DL	7.7	6.1	17.6	0.16	0.006	0.010	0.05	4.02	48.42	66.32	22.31	0.0	0.000	0.0	0.01	3.61	129.4	0.0	0.0	0.0
417 DL	7.5	6.0	18.5	0.16	0.006	0.010	0.05	3.98	48.42	66.89	22.35	0.0	0.000	0.0	1.42	3.95	129.6	0.0	0.0	0.0
418 DL	7.3	5.9	18.7	0.16	0.006	0.009	0.05	3.99	48.43	66.68	22.34	0.0	0.000	0.0	1.42	4.17	129.7	0.0	0.0	0.0
419 DL	7.2	6.5	19.7	0.16	0.006	0.010	0.05	4.02	48.43	66.27	22.30	0.0	0.000	0.0	1.43	4.29	129.9	0.0	0.0	0.0
420 DL	7.2	11.3	24.4	0.17	0.006	0.018	0.06	4.16	48.44	64.44	22.14	0.0	0.000	1.2	0.68	4.01	130.0	0.0	0.0	0.0
421 DL	7.6	22.1	33.7	0.19	0.006	0.035	0.09	4.67	48.44	58.49	21.64	0.0	0.001	4.0	2.36	5.34	130.1	0.0	0.0	0.0
422 DL	8.2	38.0	44.5	0.23	0.006	0.061	0.12	5.77	48.44	48.95	20.89	0.0	0.002	5.5	2.60	10.99	130.2	0.0	0.0	0.0
423 DL	8.8	62.8	55.0	0.29	0.007	0.100	0.14	7.36	48.45	39.53	20.20	0.0	0.002	7.3	2.71	14.32	130.2	0.0	0.0	0.0
424 DL	9.7	94.1	66.5	0.38	0.008	0.150	0.17	9.51	48.44	31.37	19.64	0.0	0.003	9.1	2.61	15.42	130.3	0.0	0.0	0.0
425 DL	10.9	115.4	86.5	0.49	0.009	0.184	0.23	12.33	48.44	24.77	19.22	0.0	0.003	11.1	2.45	16.02	130.4	0.0	0.0	0.0
426 DL	12.0	113.8	101.4	0.62	0.009	0.182	0.27	15.67	48.43	19.87	18.92	0.0	0.004	13.6	2.37	15.19	130.5	0.0	0.0	0.0
427 DL	12.6	106.3	101.2	0.72	0.010	0.170	0.27	18.11	48.41	17.35	18.78	0.0	0.004	15.5	2.38	9.96	130.6	0.0	0.0	0.0
428 DL	13.5	103.3	112.3	0.78	0.011	0.165	0.29	19.60	48.40	16.12	18.71	0.0	0.005	17.1	2.41	6.83	130.7	0.0	0.0	0.0
429 DL	14.2	93.8	115.5	0.86	0.011	0.150	0.30	21.45	48.40	14.83	18.63	0.0	0.005	19.1	2.48	7.40	130.7	0.0	0.0	0.0
430 DL	14.1	76.4	76.9	0.89	0.011	0.122	0.20	22.28	48.37	14.32	18.60	0.0	0.006	20.0	2.51	6.47	130.9	0.0	0.0	0.0
431 DL	13.3	59.7	45.2	0.81	0.010	0.095	0.12	20.32	48.35	15.66	18.69	0.0	0.006	19.9	2.75	3.84	131.0	0.0	0.0	0.0
432 DL	12.3	46.7	36.3	0.69	0.010	0.074	0.10	17.28	48.37	18.29	18.84	0.0	0.006	19.9	3.23	2.61	131.1	0.0	0.0	0.0
433 DL	11.5	36.9	34.1	0.58	0.009	0.059	0.09	14.59	48.37	21.44	19.04	0.0	0.006	20.0	3.84	2.54	131.3	0.0	0.0	0.0
434 DL	10.8	29.7	33.2	0.50	0.009	0.047	0.09	12.57	48.38	24.63	19.24	0.0	0.006	20.1	4.48	2.91	131.5	0.0	0.0	0.0
435 DL	10.3	24.8	32.7	0.44	0.008	0.040	0.09	11.06	48.38	27.70	19.44	0.0	0.006	20.2	5.11	3.36	131.7	0.0	0.0	0.0
436 DL	9.9	21.6	31.9	0.40	0.008	0.034	0.08	10.03	48.38	30.28	19.60	0.0	0.006	20.1	5.63	3.54	132.0	0.0	0.0	0.0
437 DL	9.7	19.0	30.2	0.37	0.008	0.030	0.08	9.32	48.40	32.35	19.74	0.0	0.006	20.0	6.03	3.31	132.2	0.0	0.0	0.0
438 DL	9.5	16.7	29.2	0.35	0.007	0.027	0.08	8.76	48.39	34.22	19.87	0.0	0.006	20.0	6.41	3.08	132.4	0.0	0.0	0.0
439 DL	9.3	14.8	29.0	0.33	0.007	0.024	0.08	8.27	48.40	36.03	19.99	0.0	0.006	20.0	6.81	3.02	132.5	0.0	0.0	0.0
440 DL	9.2	13.3	29.4	0.31	0.007	0.021	0.08	7.86	48.39	37.69	20.11	0.0	0.006	20.1	7.17	3.15	132.7	0.0	0.0	0.0
441 DL	9.1	12.4	29.6	0.30	0.007	0.020	0.08	7.55	48.40	39.03	20.20	0.0	0.006	20.1	7.48	3.20	132.8	0.0	0.0	0.0
442 DL	9.0	11.8	29.5	0.29	0.007	0.019	0.08	7.37	48.40	39.88	20.26	0.0	0.006	20.1	7.66	3.37	133.0	0.0	0.0	0.0
443 DL	8.9	11.3	28.9	0.29	0.007	0.018	0.08	7.24	48.39	40.48	20.30	0.0	0.006	20.1	7.78	3.30	133.0	0.0	0.0	0.0
444 DL	8.8	10.7	28.9	0.28	0.007	0.017	0.08	7.13	48.40	41.07	20.34	0.0	0.006	20.1	7.91	3.18	133.2	0.0	0.0	0.0
445 DL	8.7	10.2	29.3	0.28	0.007	0.016	0.08	7.02	48.40	41.63	20.38	0.0	0.006	20.1	8.05	3.14	133.3	0.0	0.0	0.0
446 DL	8.7	9.8	29.5	0.28	0.007	0.016	0.08	6.94	48.41	42.07	20.42	0.0	0.006	20.2	8.16	3.26	133.5	0.0	0.0	0.0
447 DL	8.6	9.6	29.7	0.27	0.007	0.015	0.08	6.88	48.41	42.38	20.44	0.0	0.006	20.2	8.23	3.39	133.5	0.0	0.0	0.0
448 DL	8.6	9.3	28.9	0.27	0.007	0.015	0.08	6.84	48.40	42.57	20.45	0.0	0.006	20.2	8.29	3.52	133.6	0.0	0.0	0.0
449 DL	8.4	8.9	26.1	0.27	0.007	0.014	0.07	6.75	48.40	43.11	20.49	0.0	0.005	19.2	8.07	3.54	133.7	0.0	0.0	0.0
450 DL	8.4	8.2	20.8	0.26	0.007	0.013	0.05	6.44	48.41	44.91	20.62	0.0	0.004	15.0	6.61	3.30	133.8	0.0	0.0	0.0
451 DL	8.4	7.6	15.2	0.23	0.007	0.012	0.04	5.78	48.40	49.27	20.94	0.0	0.003	10.6	5.27	2.40	133.9	0.0	0.0	0.0
452 DL	8.3	7.0	14.4	0.20	0.007	0.011	0.04	4.94	48.41	56.14	21.47	0.0	0.002	6.7	3.93	2.35	134.0	0.0	0.0	0.0
453 DL	8.1	6.6	15.0	0.17	0.006	0.010	0.04	4.37	48.41	62.08	21.95	0.0	0.001	3.2	2.15	3.24	134.1	0.0	0.0	0.0
454 DL	7.9	6.2	15.9	0.16	0.006	0.010	0.04	4.07	48.42	65.72	22.25	0.0	0.000	0.9	0.69	3.31	134.2	0.0	0.0	0.0
455 DL	7.7	6.0	17.1	0.16	0.006	0.010	0.04	3.96	48.43	67.12	22.37	0.0	0.000	0.1	0.07	3.90	134.2	0.0	0.0	0.0
456 DL	7.5	5.9	18.1	0.16	0.006	0.009	0.05	3.95	48.42	67.26	22.39	0.0	0.000	0.0	0.00	4.08	134.3	0.0	0.0	0.0
457 DL	7.4	5.9	18.8	0.16	0.006	0.009	0.05	3.97	48.43	67.00	22.36	0.0	0.000	0.0	1.42	4.54	134.4	0.0	0.0	0.0
458 DL	7.2	6.0	19.2	0.16	0.006	0.010	0.05	4.00	48.42	66.63	22.33	0.0	0.000	0.0	1.43	4.68	134.5	0.0	0.0	0.0

459 DL	7.2	6.9	20.2	0.16	0.006	0.011	0.05	4.03	48.44	66.15	22.29	0.0	0.000	0.0	1.44	4.72	134.6	0.0	0.0	0.0
460 DL	7.3	12.2	24.7	0.17	0.006	0.020	0.06	4.19	48.44	64.02	22.11	0.0	0.000	1.4	0.84	4.72	134.7	0.0	0.0	0.0
461 DL	7.8	24.4	34.2	0.19	0.006	0.039	0.09	4.72	48.43	57.98	21.60	0.0	0.001	4.0	2.35	6.37	134.8	0.0	0.0	0.0
462 DL	8.4	42.9	45.3	0.23	0.007	0.069	0.12	5.86	48.44	48.24	20.83	0.0	0.002	5.6	2.59	11.67	134.8	0.0	0.0	0.0
463 DL	9.0	67.2	55.0	0.30	0.007	0.107	0.14	7.59	48.44	38.45	20.13	0.0	0.002	7.3	2.62	15.41	134.9	0.0	0.0	0.0
464 DL	9.8	94.6	64.7	0.39	0.008	0.151	0.17	9.72	48.43	30.75	19.61	0.0	0.002	9.0	2.52	17.78	135.0	0.0	0.0	0.0
465 DL	10.9	117.6	81.0	0.48	0.009	0.188	0.21	12.10	48.44	25.16	19.25	0.0	0.003	10.8	2.43	16.95	135.1	0.0	0.0	0.0
466 DL	12.1	124.4	106.3	0.60	0.010	0.199	0.28	14.99	48.44	20.67	18.97	0.0	0.004	12.9	2.36	16.38	135.2	0.0	0.0	0.0
467 DL	13.1	115.1	124.0	0.72	0.010	0.184	0.33	18.18	48.42	17.30	18.77	0.0	0.004	15.8	2.40	12.73	135.3	0.0	0.0	0.0
468 DL	13.8	101.2	121.6	0.83	0.011	0.162	0.32	20.78	48.40	15.26	18.66	0.0	0.005	17.5	2.35	8.81	135.3	0.0	0.0	0.0
469 DL	14.3	87.7	112.6	0.89	0.011	0.140	0.30	22.40	48.38	14.23	18.60	0.0	0.005	19.0	2.36	6.59	135.4	0.0	0.0	0.0
470 DL	14.3	73.1	89.1	0.91	0.011	0.117	0.23	22.88	48.37	13.96	18.58	0.0	0.006	20.2	2.47	6.02	135.5	0.0	0.0	0.0
471 DL	13.7	59.1	64.5	0.86	0.011	0.094	0.17	21.63	48.35	14.76	18.63	0.0	0.006	21.1	2.73	4.19	135.6	0.0	0.0	0.0
472 DL	12.8	46.8	49.5	0.76	0.010	0.075	0.13	19.15	48.35	16.59	18.74	0.0	0.006	20.9	3.06	3.44	135.8	0.0	0.0	0.0
473 DL	11.9	36.5	37.0	0.65	0.009	0.058	0.10	16.37	48.36	19.26	18.90	0.0	0.006	20.6	3.53	2.85	136.0	0.0	0.0	0.0
474 DL	11.2	28.9	27.1	0.55	0.009	0.046	0.07	13.67	48.38	22.82	19.12	0.0	0.006	20.2	4.16	2.43	136.2	0.0	0.0	0.0
475 DL	10.8	24.1	22.3	0.45	0.009	0.039	0.06	11.39	48.37	26.99	19.39	0.0	0.006	20.1	4.95	2.18	136.4	0.0	0.0	0.0
476 DL	10.5	20.8	21.3	0.39	0.008	0.033	0.06	9.79	48.38	30.95	19.65	0.0	0.006	20.0	5.72	2.22	136.6	0.0	0.0	0.0
477 DL	10.3	18.0	22.7	0.35	0.008	0.029	0.06	8.75	48.38	34.22	19.87	0.0	0.006	19.9	6.38	2.40	136.8	0.0	0.0	0.0
478 DL	10.1	15.7	24.6	0.32	0.008	0.025	0.06	8.03	48.39	36.95	20.05	0.0	0.006	19.9	6.96	2.73	137.0	0.0	0.0	0.0
479 DL	10.0	14.2	26.8	0.30	0.008	0.023	0.07	7.52	48.39	39.12	20.21	0.0	0.006	19.9	7.43	3.09	137.2	0.0	0.0	0.0
480 DL	9.9	13.5	28.4	0.29	0.008	0.021	0.07	7.25	48.39	40.44	20.30	0.0	0.006	20.0	7.74	3.39	137.4	0.0	0.0	0.0
481 DL	9.7	13.0	29.4	0.29	0.008	0.021	0.08	7.16	48.40	40.86	20.33	0.0	0.006	20.0	7.84	3.59	137.5	0.0	0.0	0.0
482 DL	9.6	12.6	30.0	0.29	0.008	0.020	0.08	7.15	48.39	40.90	20.33	0.0	0.006	20.1	7.88	3.69	137.6	0.0	0.0	0.0
483 DL	9.6	12.2	30.4	0.29	0.008	0.019	0.08	7.15	48.40	40.91	20.33	0.0	0.006	20.1	7.89	3.80	137.8	0.0	0.0	0.0
484 DL	9.5	11.7	30.9	0.28	0.007	0.019	0.08	7.13	48.40	41.02	20.34	0.0	0.006	20.2	7.94	3.91	137.9	0.0	0.0	0.0
485 DL	9.4	11.3	30.9	0.28	0.007	0.018	0.08	7.10	48.39	41.21	20.35	0.0	0.006	20.2	8.00	3.98	138.0	0.0	0.0	0.0
486 DL	9.4	11.1	31.0	0.28	0.007	0.018	0.08	7.08	48.40	41.33	20.36	0.0	0.006	20.3	8.04	3.86	138.0	0.0	0.0	0.0
487 DL	9.3	10.8	30.6	0.28	0.007	0.017	0.08	7.08	48.40	41.31	20.36	0.0	0.006	20.3	8.05	3.85	138.1	0.0	0.0	0.0
488 DL	9.2	10.1	29.1	0.28	0.007	0.016	0.08	7.05	48.40	41.46	20.37	0.0	0.006	20.2	8.07	3.84	138.2	0.0	0.0	0.0
489 DL	9.1	9.1	25.7	0.27	0.007	0.015	0.07	6.89	48.39	42.33	20.43	0.0	0.005	19.3	7.93	3.56	138.3	0.0	0.0	0.0
490 DL	9.0	8.4	20.3	0.26	0.007	0.013	0.05	6.46	48.39	44.77	20.61	0.0	0.004	14.7	6.49	3.21	138.4	0.0	0.0	0.0
491 DL	9.1	8.0	15.0	0.23	0.007	0.013	0.04	5.75	48.41	49.49	20.96	0.0	0.003	10.1	5.05	2.34	138.5	0.0	0.0	0.0
492 DL	9.0	7.8	14.3	0.20	0.007	0.012	0.04	4.99	48.42	55.67	21.43	0.0	0.002	6.2	3.60	2.73	138.6	0.0	0.0	0.0
493 DL	8.8	7.3	14.9	0.18	0.007	0.012	0.04	4.49	48.41	60.67	21.83	0.0	0.001	2.8	1.82	4.01	138.6	0.0	0.0	0.0
494 DL	8.6	6.7	15.9	0.17	0.007	0.011	0.04	4.20	48.41	63.97	22.11	0.0	0.000	1.0	0.69	3.75	138.7	0.0	0.0	0.0
495 DL	8.4	6.3	17.3	0.16	0.007	0.010	0.05	4.05	48.41	65.90	22.27	0.0	0.000	0.1	0.08	4.10	138.8	0.0	0.0	0.0
496 DL	8.2	6.1	18.1	0.16	0.006	0.010	0.05	3.97	48.42	66.94	22.36	0.0	0.000	0.0	0.00	4.21	138.9	0.0	0.0	0.0
497 DL	8.0	5.9	18.7	0.16	0.006	0.009	0.05	3.96	48.42	67.08	22.37	0.0	0.000	0.0	1.41	4.33	139.0	0.0	0.0	0.0
498 DL	7.9	6.0	18.9	0.16	0.006	0.010	0.05	3.98	48.42	66.82	22.35	0.0	0.000	0.0	1.42	4.63	139.1	0.0	0.0	0.0
499 DL	7.8	6.9	19.8	0.16	0.006	0.011	0.05	4.02	48.43	66.32	22.31	0.0	0.000	0.0	1.43	4.67	139.2	0.0	0.0	0.0
500 DL	7.9	12.1	23.9	0.17	0.006	0.019	0.06	4.16	48.44	64.40	22.14	0.0	0.000	0.9	0.53	4.70	139.3	0.0	0.0	0.0
501 DL	8.3	24.6	33.3	0.19	0.007	0.039	0.09	4.68	48.44	58.33	21.63	0.0	0.001	4.0	2.34	5.86	139.3	0.0	0.0	0.0
502 DL	9.0	42.7	45.2	0.23	0.007	0.068	0.12	5.87	48.43	48.19	20.83	0.0	0.002	5.5	2.56	11.34	139.5	0.0	0.0	0.0
503 DL	9.7	67.0	56.0	0.30	0.008	0.107	0.15	7.58	48.43	38.49	20.13	0.0	0.002	7.4	2.65	15.55	139.6	0.0	0.0	0.0
504 DL	10.6	97.5	68.4	0.38	0.008	0.156	0.18	9.61	48.43	31.01	19.62	0.0	0.003	9.2	2.60	17.34	139.6	0.0	0.0	0.0
505 DL	11.8	122.4	95.2	0.49	0.009	0.195	0.25	12.27	48.44	24.85	19.22	0.0	0.003	11.3	2.50	16.92	139.7	0.0	0.0	0.0
506 DL	13.3	123.8	133.6	0.64	0.011	0.198	0.35	16.13	48.42	19.37	18.89	0.0	0.004	14.2	2.41	15.93	139.7	0.0	0.0	0.0
507 DL	14.1	106.4	132.0	0.80	0.011	0.170	0.35	20.10	48.40	15.76	18.68	0.0	0.005	17.0	2.34	13.49	139.7	0.0	0.0	0.0
508 DL	14.4	90.1	107.1	0.87	0.011	0.144	0.28	21.92	48.38	14.52	18.61	0.0	0.005	18.0	2.29	8.04	139.8	0.0	0.0	0.0
509 DL	14.8	78.4	96.6	0.88	0.012	0.125	0.25	21.99	48.37	14.49	18.61	0.0	0.005	19.2	2.44	5.50	139.8	0.0	0.0	0.0
510 DL	14.8	65.2	79.8	0.86	0.012	0.104	0.21	21.59	48.36	14.76	18.63	0.0	0.006	20.3	2.63	5.76	139.9	0.0	0.0	0.0
511 DL	14.2	51.4	57.0	0.80	0.011	0.082	0.15	20.09	48.34	15.83	18.70	0.0	0.006	21.0	2.93	4.29	140.1	0.0	0.0	0.0
512 DL	13.3	40.4	40.4	0.70	0.011	0.064	0.11	17.46	48.35	18.11	18.83	0.0	0.006	20.3	3.27	3.10	140.3	0.0	0.0	0.0
513 DL	12.5	32.8	29.2	0.58	0.010	0.052	0.08	14.66	48.36	21.37	19.03	0.0	0.006	20.2	3.87	2.38	140.5	0.0	0.0	0.0
514 DL	11.8	27.3	23.8	0.49	0.009	0.044	0.06	12.19	48.38	25.34	19.28	0.0	0.006	20.0	4.60	2.20	140.7	0.0	0.0	0.0
515 DL	11.4	22.7	22.2	0.42	0.009	0.036	0.06	10.51	48.37	29.01	19.52	0.0	0.006	19.9	5.31	2.17	140.9	0.0	0.0	0.0
516 DL	11.1	19.0	23.0	0.37	0.009	0.030	0.06	9.24	48.37	32.61	19.76	0.0	0.006	19.8	6.02	2.34	141.0	0.0	0.0	0.0
517 DL	10.9	16.6	24.5	0.33	0.009	0.026	0.06	8.26	48.38	36.01	19.99	0.0	0.006	19.8	6.72	2.58	141.2	0.0	0.0	0.0

518	DL	10.7	15.2	26.3	0.31	0.008	0.024	0.07	7.66	48.38	38.51	20.16	0.0	0.006	19.8	7.26	2.85	141.4	0.0	0.0	0.0
519	DL	10.5	14.4	27.8	0.29	0.008	0.023	0.07	7.36	48.38	39.84	20.26	0.0	0.006	19.9	7.56	3.08	141.6	0.0	0.0	0.0
520	DL	10.4	13.6	28.8	0.29	0.008	0.022	0.08	7.24	48.39	40.44	20.30	0.0	0.006	19.9	7.71	3.29	141.8	0.0	0.0	0.0
521	DL	10.3	12.9	30.1	0.29	0.008	0.021	0.08	7.18	48.38	40.78	20.32	0.0	0.006	20.0	7.81	3.59	141.9	0.0	0.0	0.0
522	DL	10.1	12.5	30.9	0.28	0.008	0.020	0.08	7.14	48.38	40.97	20.34	0.0	0.006	20.1	7.89	3.74	142.0	0.0	0.0	0.0
523	DL	10.0	12.3	31.4	0.28	0.008	0.020	0.08	7.14	48.39	40.97	20.34	0.0	0.006	20.2	7.92	3.91	142.1	0.0	0.0	0.0
524	DL	9.9	12.1	31.8	0.29	0.008	0.019	0.08	7.19	48.39	40.74	20.32	0.0	0.006	20.2	7.90	4.00	142.3	0.0	0.0	0.0
525	DL	9.9	11.7	31.7	0.29	0.008	0.019	0.08	7.23	48.40	40.56	20.31	0.0	0.006	20.3	7.90	3.92	142.3	0.0	0.0	0.0
526	DL	9.8	10.8	30.0	0.29	0.008	0.017	0.08	7.20	48.39	40.70	20.32	0.0	0.006	20.2	7.88	3.86	142.5	0.0	0.0	0.0
527	DL	9.7	9.7	26.2	0.28	0.008	0.016	0.07	7.01	48.39	41.66	20.39	0.0	0.006	19.9	7.99	3.38	142.6	0.0	0.0	0.0
528	DL	9.6	8.8	22.7	0.27	0.008	0.014	0.06	6.68	48.39	43.49	20.52	0.0	0.006	19.9	8.37	2.69	142.6	0.0	0.0	0.0
529	DL	9.5	8.0	20.5	0.25	0.008	0.013	0.05	6.28	48.39	45.86	20.69	0.0	0.005	18.5	8.38	2.61	142.7	0.0	0.0	0.0
530	DL	9.4	7.5	16.7	0.23	0.007	0.012	0.04	5.81	48.40	49.03	20.92	0.0	0.004	14.3	7.02	2.58	142.8	0.0	0.0	0.0
531	DL	9.4	7.2	13.7	0.20	0.007	0.011	0.04	5.13	48.40	54.46	21.33	0.0	0.003	10.1	5.65	1.97	142.9	0.0	0.0	0.0
532	DL	9.3	6.9	14.1	0.18	0.007	0.011	0.04	4.43	48.41	61.31	21.88	0.0	0.002	6.4	4.17	2.75	142.9	0.0	0.0	0.0
533	DL	9.1	6.5	14.2	0.16	0.007	0.010	0.04	3.99	48.41	66.62	22.33	0.0	0.001	3.1	2.27	3.36	143.0	0.0	0.0	0.0
534	DL	8.9	6.1	15.8	0.15	0.007	0.010	0.04	3.78	48.42	69.50	22.58	0.0	0.000	1.1	0.89	3.28	143.0	0.0	0.0	0.0
535	DL	8.7	5.9	17.0	0.15	0.007	0.009	0.04	3.73	48.41	70.33	22.65	0.0	0.000	0.3	0.28	3.91	143.1	0.0	0.0	0.0
536	DL	8.5	5.8	18.0	0.15	0.007	0.009	0.05	3.73	48.41	70.25	22.65	0.0	0.000	0.0	0.00	4.13	143.2	0.0	0.0	0.0
537	DL	8.3	5.8	18.6	0.15	0.007	0.009	0.05	3.77	48.42	69.79	22.61	0.0	0.000	0.0	1.34	4.44	143.3	0.0	0.0	0.0
538	DL	8.1	5.9	19.0	0.15	0.006	0.009	0.05	3.82	48.41	68.99	22.54	0.0	0.000	0.0	1.36	4.55	143.4	0.0	0.0	0.0
539	DL	8.0	6.7	19.8	0.15	0.006	0.011	0.05	3.88	48.42	68.10	22.46	0.0	0.000	0.0	1.39	4.66	143.5	0.0	0.0	0.0
540	DL	8.1	11.8	24.0	0.16	0.006	0.019	0.06	4.04	48.43	65.93	22.27	0.0	0.000	1.0	0.59	4.55	143.6	0.0	0.0	0.0
541	DL	8.6	24.4	33.6	0.18	0.007	0.039	0.09	4.57	48.43	59.43	21.71	0.0	0.001	4.0	2.38	5.83	143.7	0.0	0.0	0.0
542	DL	9.2	43.1	45.9	0.23	0.007	0.069	0.12	5.78	48.43	48.81	20.87	0.0	0.002	5.6	2.62	11.29	143.8	0.0	0.0	0.0
543	DL	9.9	68.1	57.7	0.30	0.008	0.109	0.15	7.51	48.43	38.78	20.15	0.0	0.002	7.4	2.70	15.49	143.9	0.0	0.0	0.0
544	DL	10.8	95.7	71.2	0.38	0.009	0.153	0.19	9.63	48.43	30.99	19.62	0.0	0.003	9.3	2.63	16.77	143.9	0.0	0.0	0.0
545	DL	11.8	109.3	81.5	0.49	0.009	0.174	0.21	12.30	48.44	24.84	19.23	0.0	0.003	11.4	2.54	16.09	144.0	0.0	0.0	0.0
546	DL	12.5	111.0	64.8	0.58	0.010	0.177	0.17	14.57	48.40	21.20	19.01	0.0	0.004	13.0	2.46	13.83	144.0	0.0	0.0	0.0
547	DL	13.2	128.2	68.1	0.60	0.010	0.204	0.18	15.09	48.40	20.46	18.96	0.0	0.004	13.5	2.45	8.11	144.0	0.0	0.0	0.0
548	DL	14.2	149.9	106.3	0.64	0.011	0.239	0.28	16.13	48.40	19.20	18.88	0.0	0.004	15.7	2.67	11.26	144.1	0.0	0.0	0.0
549	DL	15.6	148.1	152.1	0.76	0.012	0.236	0.40	19.12	48.42	16.45	18.72	0.0	0.005	18.3	2.64	13.45	144.1	0.0	0.0	0.0
550	DL	16.4	122.8	137.7	0.90	0.013	0.196	0.36	22.47	48.39	14.14	18.59	0.0	0.006	20.5	2.54	14.54	144.1	0.0	0.0	0.0
551	DL	15.8	93.4	85.8	0.92	0.012	0.149	0.22	23.08	48.33	13.81	18.57	0.0	0.006	21.5	2.60	10.48	144.3	0.0	0.0	0.0
552	DL	14.6	71.2	49.0	0.82	0.012	0.113	0.13	20.48	48.33	15.53	18.67	0.0	0.006	20.4	2.80	5.43	144.5	0.0	0.0	0.0
553	DL	13.4	56.6	29.3	0.67	0.011	0.090	0.08	16.90	48.36	18.66	18.86	0.0	0.006	20.3	3.37	3.13	144.7	0.0	0.0	0.0
554	DL	12.6	46.1	22.9	0.56	0.010	0.073	0.06	13.93	48.35	22.35	19.09	0.0	0.006	20.1	4.05	2.40	144.8	0.0	0.0	0.0
555	DL	12.0	37.3	21.3	0.47	0.009	0.059	0.06	11.78	48.37	26.09	19.33	0.0	0.006	20.0	4.75	2.26	145.0	0.0	0.0	0.0
556	DL	11.5	30.2	21.7	0.40	0.009	0.048	0.06	10.12	48.37	29.98	19.58	0.0	0.006	19.9	5.50	2.28	145.2	0.0	0.0	0.0
557	DL	11.2	25.6	22.7	0.35	0.009	0.041	0.06	8.85	48.38	33.84	19.84	0.0	0.006	19.9	6.28	2.48	145.4	0.0	0.0	0.0
558	DL	10.9	22.9	24.8	0.32	0.009	0.037	0.06	8.05	48.37	36.78	20.04	0.0	0.006	19.9	6.91	2.69	145.5	0.0	0.0	0.0
559	DL	10.7	20.9	26.7	0.31	0.008	0.033	0.07	7.67	48.38	38.38	20.15	0.0	0.006	19.9	7.26	3.10	145.7	0.0	0.0	0.0
560	DL	10.6	19.0	28.5	0.30	0.008	0.030	0.07	7.49	48.38	39.22	20.21	0.0	0.006	20.0	7.47	3.35	145.9	0.0	0.0	0.0
561	DL	10.4	17.4	29.9	0.29	0.008	0.028	0.08	7.36	48.37	39.81	20.25	0.0	0.006	20.0	7.62	3.74	146.0	0.0	0.0	0.0
562	DL	10.3	16.3	30.9	0.29	0.008	0.026	0.08	7.28	48.38	40.22	20.28	0.0	0.006	20.1	7.73	3.97	146.2	0.0	0.0	0.0
563	DL	10.1	15.8	31.3	0.29	0.008	0.025	0.08	7.26	48.38	40.35	20.29	0.0	0.006	20.2	7.79	4.04	146.2	0.0	0.0	0.0
564	DL	10.0	15.3	32.1	0.29	0.008	0.024	0.08	7.29	48.39	40.21	20.28	0.0	0.006	20.3	7.80	4.08	146.3	0.0	0.0	0.0
565	DL	9.9	14.6	32.1	0.29	0.008	0.023	0.08	7.32	48.38	40.06	20.27	0.0	0.006	20.3	7.79	4.11	146.4	0.0	0.0	0.0
566	DL	9.7	13.4	30.9	0.29	0.008	0.021	0.08	7.29	48.38	40.19	20.28	0.0	0.006	20.3	7.79	3.96	146.5	0.0	0.0	0.0
567	DL	9.7	12.2	28.7	0.29	0.008	0.019	0.08	7.16	48.39	40.87	20.33	0.0	0.006	20.2	7.91	3.62	146.6	0.0	0.0	0.0
568	DL	9.6	11.1	26.0	0.28	0.008	0.018	0.07	6.93	48.39	42.05	20.41	0.0	0.006	20.1	8.14	3.20	146.7	0.0	0.0	0.0
569	DL	9.4	10.2	23.0	0.26	0.007	0.016	0.06	6.64	48.39	43.67	20.53	0.0	0.005	19.5	8.31	2.98	146.7	0.0	0.0	0.0
570	DL	9.3	9.5	18.4	0.25	0.007	0.015	0.05	6.22	48.39	46.17	20.71	0.0	0.004	15.8	7.23	2.77	146.8	0.0	0.0	0.0
571	DL	9.3	8.8	13.5	0.22	0.007	0.014	0.04	5.54	48.39	51.02	21.07	0.0	0.003	11.9	6.17	2.16	146.9	0.0	0.0	0.0
572	DL	9.2	8.2	13.6	0.19	0.007	0.013	0.04	4.71	48.40	58.35	21.64	0.0	0.002	8.1	4.91	2.05	147.0	0.0	0.0	0.0
573	DL	9.0	7.7	14.3	0.17	0.007	0.012	0.04	4.14	48.40	64.64	22.16	0.0	0.001	4.7	3.31	3.71	147.1	0.0	0.0	0.0
574	DL	8.8	7.3	15.3	0.15	0.007	0.012	0.04	3.87	48.40	68.22	22.47	0.0	0.001	2.1	1.56	3.45	147.2	0.0	0.0	0.0
575	DL	8.6	7.1	16.6	0.15	0.007	0.011	0.04	3.78	48.40	69.50	22.58	0.0	0.000	0.5	0.41	3.85	147.2	0.0	0.0	0.0
576	DL	8.4	6.8	17.6	0.15	0.007	0.011	0.05	3.79	48.41	69.40	22.57	0.0	0.000	0.1	0.04	4.23	147.3	0.0	0.0	0.0

577	DL	8.2	6.6	18.4	0.15	0.006	0.011	0.05	3.83	48.42	68.90	22.53	0.0	0.000	0.0	1.37	4.60	147.4	0.0	0.0	0.0
578	DL	8.1	6.5	18.9	0.15	0.006	0.010	0.05	3.87	48.42	68.29	22.48	0.0	0.000	0.0	1.38	4.67	147.5	0.0	0.0	0.0
579	DL	7.9	6.6	19.2	0.16	0.006	0.011	0.05	3.92	48.42	67.66	22.42	0.0	0.000	0.0	1.40	5.03	147.6	0.0	0.0	0.0

Test #: 1066 Cold Start CBD

Date: 5/11/94

Test cycle results

CO (g/mi) =	2.56
CO2 (g/mi) =	144.20
NOx (g/mi) =	4.94

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
08:04:13	4.76	0.05	7.81	29.30	21.98	71.98	672.71							
08:04:14	4.76	0.07	8.30	32.97	21.98	71.98	672.71							
08:04:15	4.76	0.07	7.81	37.85	21.98	71.98	662.54							
08:04:16	4.76	0.07	7.81	41.51	23.20	71.98	656.95	3.8234	3.8261	0.0000	0.0000	0.0000	0.0000	0.0000
08:04:17	4.76	0.07	7.81	42.74	24.42	71.73	661.02	4.3014	4.3053	0.1131	0.0000	0.0001	0.0001	0.0000
08:04:18	4.76	0.07	7.81	46.40	25.64	71.73	656.44	4.9386	4.9431	0.0000	0.0000	0.0001	0.0001	0.0000
08:04:19	4.76	0.07	7.81	47.62	26.86	71.73	652.88	5.4165	5.4214	0.1131	0.0000	0.0001	0.0001	0.0001
08:04:20	4.76	0.07	7.81	51.28	26.86	71.98	652.88	5.5759	5.5809	0.1131	0.0001	0.0002	0.0002	0.0001
08:04:21	4.76	0.05	8.30	56.17	28.08	71.73	657.46	6.0538	6.0593	0.1131	0.0001	0.0002	0.0003	0.0001
08:04:22	4.76	0.05	7.81	58.61	29.30	71.73	651.86	6.2131	6.2187	0.0000	0.0001	0.0003	0.0003	0.0001
08:04:23	4.76	0.05	7.81	63.49	30.53	71.73	660.51	6.6910	6.6971	0.0000	0.0001	0.0003	0.0003	0.0001
08:04:24	4.76	0.05	7.81	64.71	30.53	71.73	662.03	7.3283	7.3334	0.1131	0.0001	0.0004	0.0003	0.0002
08:04:25	4.76	0.05	7.81	64.71	30.53	71.73	662.03	7.6469	7.6522	0.1131	0.0002	0.0004	0.0004	0.0002
08:04:26	4.76	0.05	7.81	70.82	32.97	71.73	664.07	8.2841	8.2899	0.1131	0.0002	0.0005	0.0004	0.0002
08:04:27	4.76	0.05	7.81	70.82	32.97	71.73	664.07	8.4434	8.4493	0.0000	0.0002	0.0005	0.0004	0.0002
08:04:28	4.76	0.07	7.81	73.26	32.97	71.73	661.02	8.4434	8.4493	0.0000	0.0002	0.0006	0.0004	0.0002
08:04:29	8.79	0.07	7.81	75.70	34.19	71.49	663.05	9.2400	9.2469	0.0000	0.0002	0.0007	0.0004	0.0002
08:04:30	8.79	0.07	8.30	75.70	34.19	71.73	602.54	9.2400	9.2469	0.0000	0.0003	0.0007	0.0004	0.0002
08:04:31	8.79	0.07	7.33	78.14	35.41	71.73	606.61	9.5586	9.5673	0.0000	0.0003	0.0008	0.0004	0.0002
08:04:32	8.79	0.07	7.81	79.37	37.85	71.49	608.14	9.8772	9.8862	0.1131	0.0003	0.0009	0.0005	0.0003
08:04:33	8.79	0.07	7.81	79.37	37.85	71.49	608.14	9.8772	9.8862	0.1131	0.0004	0.0009	0.0005	0.0003
08:04:34	8.79	0.07	13.19	80.59	41.51	71.73	734.24	10.1958	10.2052	0.1131	0.0004	0.0010	0.0006	0.0003
08:04:35	8.79	0.07	13.68	83.03	42.74	71.73	781.02	10.3552	10.3646	0.1131	0.0005	0.0011	0.0007	0.0003
08:04:36	8.79	0.07	13.19	87.91	47.62	71.73	818.14	10.3552	10.3646	0.1131	0.0005	0.0011	0.0007	0.0004
08:04:37	8.79	0.07	13.19	91.58	52.50	71.73	818.14	10.5145	10.5241	1.3570	0.0006	0.0013	0.0015	0.0008
08:04:38	8.79	0.09	13.19	95.24	56.17	71.49	845.59	10.8331	10.8430	2.1485	0.0006	0.0014	0.0027	0.0014
08:04:39	24.79	0.13	13.19	101.34	61.05	71.49	885.76	11.4703	11.4808	3.0532	0.0007	0.0015	0.0045	0.0022
08:04:40	24.79	0.17	13.68	103.79	63.49	71.49	909.15	11.9483	11.9592	3.2793	0.0007	0.0017	0.0063	0.0031
08:04:41	24.79	0.25	13.19	112.33	65.93	71.49	947.80	12.4262	12.4421	3.6186	0.0008	0.0018	0.0093	0.0041
08:04:42	24.79	0.29	13.19	120.88	69.60	71.49	978.31	13.2227	13.2471	4.5232	0.0010	0.0020	0.0144	0.0054
08:04:43	24.79	0.39	19.54	128.21	73.26	71.49	1023.05	13.5413	13.5727	5.0886	0.0012	0.0022	0.0218	0.0068
08:04:44	24.79	0.46	20.02	144.08	75.70	71.49	1057.12	14.6565	14.7059	5.7671	0.0014	0.0023	0.0340	0.0084
08:04:45	24.79	0.57	19.54	157.51	79.37	71.49	1096.78	15.7717	15.8332	5.9933	0.0016	0.0025	0.0487	0.0101
08:04:46	24.79	0.66	20.02	179.49	85.47	71.49	1169.49	16.7276	16.8175	6.5587	0.0018	0.0028	0.0709	0.0119
08:04:47	24.79	0.75	20.02	196.58	89.13	71.49	1222.88	18.7986	18.9156	7.0110	0.0021	0.0031	0.0985	0.0138
08:04:48	49.69	0.83	20.02	218.56	94.02	71.49	1289.49	20.5510	20.7105	7.3503	0.0024	0.0035	0.1345	0.0159
08:04:49	49.69	0.97	20.02	280.83	106.23	71.49	1401.87	23.4186	23.6277	7.9157	0.0027	0.0039	0.1792	0.0181
08:04:50	49.69	1.05	19.54	354.09	122.10	71.49	1485.76	25.6489	25.9092	8.3680	0.0030	0.0044	0.2329	0.0204
08:04:51	49.69	1.19	19.54	514.04	156.29	71.49	1646.95	28.5165	28.8405	8.9334	0.0038	0.0049	0.2968	0.0229
08:04:52	49.69	1.27	125.52	692.31	192.92	71.49	1639.83	36.6413	37.1278	9.8380	0.0048	0.0056	0.3791	0.0256
08:04:53	49.69	1.36	125.52	898.66	244.20	71.49	1641.87	46.1999	46.8649	10.5165	0.0061	0.0064	0.4744	0.0285
08:04:54	49.69	1.50	125.52	1321.12	399.27	71.49	1810.17	67.0696	68.1600	11.7604	0.0080	0.0076	0.5949	0.0318
08:04:55	49.69	1.57	125.52	1675.21	558.00	71.49	1871.70	90.3288	91.8985	13.7959	0.0105	0.0180	0.7460	0.0356
08:04:56	49.69	1.66	125.52	1998.78	736.26	71.49	1858.48	117.2523	119.4274	15.7182	0.0137	0.0315	0.9297	0.0400
08:04:57	49.69	1.80	126.01	1705.74	680.10	71.49	997.12	172.3735	175.9026	18.8845	0.0185	0.0513	1.1732	0.0452
08:04:58	100.73	1.80	126.01	1705.74	680.10	71.49	997.12	218.5734	223.2703	20.5807	0.0246	0.0765	1.4518	0.0509
08:04:59	100.73	2.06	125.52	604.40	316.24	71.49	935.59	260.7907	266.7017	21.8246	0.0318	0.1066	1.7634	0.0570
08:05:00	100.73	2.19	125.52	421.25	246.64	71.49	924.41	222.5562	228.0177	21.4854	0.0380	0.1325	2.0953	0.0630
08:05:01	100.73	2.40	125.52	315.02	200.24	71.49	923.39	222.5562	228.0392	21.4854	0.0506	0.1583	2.4273	0.0689
08:05:02	100.73	2.52	231.99	235.65	158.73	71.49	772.37	78.8585	81.0890	20.4676	0.0551	0.1675	2.7902	0.0746
08:05:03	100.73	2.66	231.99	200.24	133.09	71.73	624.92	54.9620	56.6170	20.1284	0.0582	0.1739	3.1702	0.0802
08:05:04	100.73	2.78	231.99	170.94	113.55	71.49	676.78	41.1020	42.4547	20.2415	0.0605	0.1787	3.5876	0.0858
08:05:05	100.73	2.97	231.99	140.42	97.68	71.49	642.20	30.7469	31.8118	16.7360	0.0623	0.1853	3.9508	0.0905
08:05:06	100.73	3.08	231.99	126.98	91.58	71.49	636.10	26.1269	27.0826	12.7781	0.0638	0.1909	4.2435	0.0940
08:05:07	100.73	3.27	231.99	113.55	85.47	71.49	625.93	22.3034	23.1542	8.9334	0.0651	0.1958	4.4568	0.0965
08:05:08	185.47	3.38	231.99	108.67	83.03	71.49	622.88	18.3207	19.0691	4.4102	0.0661	0.1998	4.5695	0.0978
08:05:09	185.47	3.56	231.99	105.01	79.37	71.49	621.36	16.5683	17.2702	1.6962	0.0671	0.2034	4.6145	0.0982
08:05:10	185.59	3.66	231.99	103.79	78.14	71.49	623.39	14.8158	15.4830	0.1131	0.0679	0.2066	4.6177	0.0983
08:05:11	185.47	3.76	231.99	102.56	75.70	71.49	624.92	14.1786	14.8402	0.4523	0.0694	0.2097	4.6308	0.0984

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			

08:05:12	185.59	3.90	336.51	102.56	75.70	71.49	626.95	13.7007	14.3742	0.1131	0.0709	0.2127	4.6343	0.0984
08:05:13	185.47	4.03	336.51	101.34	75.70	71.73	774.41	13.5413	14.2262	0.1131	0.0723	0.2156	4.6378	0.0984
08:05:14	185.47	4.22	336.51	102.56	75.70	71.73	870.51	13.3820	14.0771	0.4523	0.0738	0.2186	4.6524	0.0986
08:05:15	185.59	4.33	336.51	114.77	79.37	71.49	935.09	13.3820	14.1049	0.1131	0.0752	0.2229	4.6562	0.0986
08:05:16	185.47	4.44	336.02	125.76	83.03	71.49	979.83	13.2227	13.9594	2.1485	0.0766	0.2271	4.7306	0.0992
08:05:17	185.47	4.62	336.51	148.96	86.69	71.73	1051.53	13.3820	14.1635	3.0532	0.0780	0.2314	4.8414	0.1000
08:05:18	299.63	4.75	336.51	164.84	89.13	71.49	1110.00	14.9752	15.8742	4.0709	0.0797	0.2362	4.9931	0.1012
08:05:19	299.63	4.87	336.51	185.59	92.80	71.49	1172.54	16.4089	17.4193	4.8625	0.0814	0.2414	5.1790	0.1025
08:05:20	299.63	5.01	336.51	222.22	102.56	71.49	1288.98	19.4358	20.6817	5.9933	0.0835	0.2477	5.4173	0.1042
08:05:21	299.63	5.12	336.02	263.74	116.00	71.49	1385.09	21.5069	22.9282	6.7849	0.0873	0.2546	5.6945	0.1061
08:05:22	299.63	5.26	442.49	388.28	145.30	71.49	1545.28	24.2151	25.8554	7.5764	0.0915	0.2625	6.0115	0.1082
08:05:23	299.76	5.32	442.49	522.59	174.60	71.49	1691.19	28.9944	31.0161	8.7072	0.0966	0.2718	6.3865	0.1106
08:05:24	299.63	5.39	442.49	748.47	219.78	71.49	1648.48	34.4110	36.8654	9.4988	0.1027	0.2830	6.8047	0.1132
08:05:25	299.63	5.48	442.00	1191.70	354.09	71.49	1777.12	50.6606	54.3749	10.9688	0.1116	0.3046	7.3010	0.1163
08:05:26	299.51	5.51	442.49	1550.67	512.82	71.73	1881.53	68.1847	73.2442	11.9866	0.1236	0.3338	7.8497	0.1196
08:05:27	299.63	5.56	442.49	1892.55	702.08	71.49	1855.42	97.6571	105.0008	14.5874	0.1408	0.3756	8.5263	0.1237
08:05:28	299.63	5.56	442.49	1892.55	702.08	71.49	1855.42	155.4867	167.3773	17.5275	0.1683	0.4421	9.3529	0.1285
08:05:29	358.61	5.59	442.00	1246.64	566.54	71.49	972.20	202.3238	217.8747	19.7892	0.2040	0.5288	10.2907	0.1340
08:05:30	358.61	5.58	442.49	680.10	360.20	71.49	972.20	246.9306	266.1019	21.3723	0.2477	0.6347	11.3136	0.1400
08:05:31	358.73	5.58	442.49	471.31	279.61	71.49	930.00	246.9306	266.1019	21.3723	0.2913	0.7406	12.3366	0.1459
08:05:32	358.61	5.58	442.00	349.21	224.66	71.49	923.39	162.6556	175.3660	21.1461	0.3258	0.8103	13.3536	0.1518
08:05:33	358.61	5.53	410.26	256.41	167.28	71.49	915.76	88.7357	95.6550	21.1461	0.3445	0.8484	14.3686	0.1577
08:05:34	358.61	5.51	410.26	222.22	144.08	71.49	915.76	61.4937	66.2888	20.3545	0.3576	0.8747	15.3455	0.1633
08:05:35	358.61	5.46	409.77	202.69	128.21	71.49	914.24	45.5627	49.1155	20.1284	0.3672	0.8943	16.3116	0.1689
08:05:36	358.61	5.46	409.77	202.69	128.21	71.49	914.24	33.4551	36.0379	20.0153	0.3743	0.9076	17.2629	0.1745
08:05:37	358.61	5.38	409.77	178.27	109.89	71.73	916.78	28.9944	31.2248	20.0153	0.3804	0.9191	18.2108	0.1800
08:05:38	398.78	5.34	409.77	173.38	102.56	71.73	916.78	26.4455	28.4636	19.9022	0.3860	0.9296	19.1459	0.1855
08:05:39	398.78	5.32	410.26	169.72	98.90	71.73	923.90	26.4455	28.4636	19.9022	0.3916	0.9401	20.0811	0.1911
08:05:40	398.78	5.28	409.77	167.28	96.46	71.49	926.95	23.2593	25.0059	20.0153	0.3965	0.9493	21.0068	0.1966
08:05:41	398.78	5.28	409.77	167.28	96.46	71.49	926.95	22.6220	24.3113	20.0153	0.4018	0.9582	21.9265	0.2022
08:05:42	398.78	5.23	378.02	159.95	92.80	71.49	794.75	22.1441	23.7903	20.1284	0.4070	0.9670	22.8473	0.2078
08:05:43	398.78	5.23	378.02	159.95	92.80	71.49	794.75	21.8255	23.4372	20.1284	0.4121	0.9756	23.7620	0.2134
08:05:44	398.78	5.22	378.02	150.18	90.35	71.73	834.58	21.8255	23.4372	20.1284	0.4172	0.9843	24.6767	0.2190
08:05:45	398.66	5.22	378.02	118.44	83.03	71.49	855.42	20.8696	22.3957	17.1883	0.4221	0.9919	25.4503	0.2237
08:05:46	398.90	5.24	378.02	111.11	83.03	71.49	855.42	20.8696	22.3957	17.1883	0.4270	0.9995	26.2239	0.2285
08:05:47	398.90	5.26	378.51	105.01	78.14	71.73	842.20	19.5951	21.0237	13.4566	0.4316	1.0067	26.8277	0.2323
08:05:48	492.92	5.28	378.02	103.79	75.70	71.73	835.59	15.4531	16.5797	3.9578	0.4352	1.0123	27.0053	0.2334
08:05:49	492.92	5.33	378.02	102.56	74.48	71.49	835.59	14.4972	15.5589	3.9578	0.4386	1.0176	27.1837	0.2345
08:05:50	493.04	5.35	378.02	101.34	73.26	71.73	838.14	13.7007	14.7071	0.1131	0.4418	1.0226	27.1888	0.2345
08:05:51	493.04	5.35	378.02	101.34	73.26	71.73	838.14	13.5413	14.5423	0.1131	0.4458	1.0275	27.1940	0.2345
08:05:52	492.80	5.40	377.53	101.34	73.26	71.73	836.61	13.3820	14.3808	0.0000	0.4496	1.0324	27.1940	0.2345
08:05:53	492.92	5.51	442.00	98.90	68.38	71.73	820.68	13.2227	14.2148	0.0000	0.4535	1.0373	27.1940	0.2345
08:05:54	492.80	5.55	442.00	103.79	68.38	71.73	820.68	13.2227	14.2148	0.0000	0.4573	1.0421	27.1940	0.2345
08:05:55	492.80	5.58	442.49	116.00	75.70	71.73	1007.29	13.2227	14.2236	0.0000	0.4611	1.0469	27.1940	0.2345
08:05:56	492.92	5.62	442.49	130.65	78.14	71.49	1065.26	12.9041	13.9002	2.4878	0.4649	1.0524	27.3118	0.2352
08:05:57	492.80	5.63	442.00	159.95	86.69	71.73	1065.26	13.5413	14.5948	2.4878	0.4688	1.0582	27.4305	0.2359
08:05:58	499.39	5.65	442.49	181.93	90.35	71.49	1253.90	15.1345	16.3178	4.6363	0.4732	1.0647	27.6529	0.2372
08:05:59	499.27	5.65	442.00	210.01	102.56	71.73	1408.95	17.0462	18.3894	5.6540	0.4782	1.0721	27.9262	0.2388
08:06:00	499.39	5.65	442.00	210.01	102.56	71.73	1408.95	20.8696	22.5187	7.1241	0.4843	1.0810	28.2715	0.2407
08:06:01	499.39	5.67	442.00	428.57	173.38	71.73	1720.68	23.7372	25.6172	8.0287	0.4913	1.0912	28.6614	0.2430
08:06:02	499.39	5.66	506.96	843.71	173.38	71.73	1720.68	27.4013	29.5715	9.1596	0.4994	1.1030	29.1062	0.2455
08:06:03	499.39	5.67	506.47	1213.68	405.37	71.73	1842.20	27.4013	29.5715	9.1596	0.5075	1.1147	29.5511	0.2481
08:06:04	499.39	5.67	506.47	1630.04	567.77	71.49	1893.56	55.9179	60.3651	12.0997	0.5240	1.1387	30.1412	0.2514
08:06:05	499.51	5.65	506.47	1630.04	567.77	71.49	1893.56	110.0833	118.8201	12.0997	0.5564	1.1929	30.7301	0.2548
08:06:06	499.51	5.65	506.96	1899.88	719.17	71.73	1390.68	158.3543	170.9485	18.3191	0.6032	1.2707	31.6235	0.2599
08:06:07	499.39	5.65	506.96	1487.18	610.50	71.73	1022.03	212.6789	229.5937	20.3545	0.6660	1.3753	32.6161	0.2655
08:06:08	499.39	5.65	506.96	1012.21	463.98	71.73	978.81	212.6789	229.5465	20.3545	0.7287	1.4799	33.6061	0.2712
08:06:09	498.90	5.61	506.47	395.60	239.32	71.73	927.97	247.8864	267.5463	21.8246	0.8019	1.6019	34.6675	0.2772
08:06:10	498.90	5.56	506.47	271.06	175.82	71.73	927.97	194.0397	209.4289	22.1639	0.8592	1.6973	35.7454	0.2834
08:06:11	498.90	5.54	506.96	229.55	150.18	71.73	928.47	132.0681	142.5424	21.3723	0.8981	1.7623	36.7849	0.2893
08:06:12	498.90	5.49	506.47	203.91	134.31	71.73	932.54	51.6165	55.6786	20.2415	0.9133	1.7877	37.7618	0.2950
08:06:13	498.90	5.45	454.70	203.91	134.31	71.73	932.54	35.3668	38.1266	20.1284	0.9238	1.8051	38.7252	0.3005
08:06:14	498.78	5.39	454.21	181.93	113.55	71.49	943.22	29.9503	32.2757	20.2415	0.9326	1.8198	39.6892	0.3062
08:06:15	498.78	5.39	454.21	181.93	113.55	71.49	943.22	26.6048	28.6528	20.3545	0.9404	1.8328	40.6505	0.3118
08:06:16	498.90	5.33	453.72	180.71	108.67	71.49	948.78	26.6048	28.6365	20.3545	0.9482	1.8445	41.6042	0.3175
08:06:17	498.90	5.25	454.21	179.49	102.56	71.49	952.88	23.7372	25.5302	20.4676	0.9552	1.8550	42.5529	0.3232
08:06:18	482.91	5.18	454.21	179.49	102.56	71.49	952.88	23.7372	25.5302	20.4676	0.9622	1.8654	43.5015	0.3288

08:06:19	482.78	5.16	454.21	177.05	100.12	71.73	940.17	23.5779	25.3406	20.6938	0.9691	1.8757	44.4510	0.3346
08:06:20	482.91	5.12	454.21	172.16	97.68	71.73	937.12	23.4186	25.1408	20.8069	0.9760	1.8860	45.3902	0.3404
08:06:21	482.91	5.12	454.21	172.16	97.68	71.73	937.12	23.4186	25.1181	20.8069	0.9826	1.8963	46.3176	0.3462
08:06:22	482.91	5.10	454.70	164.84	95.24	71.73	825.25	23.1000	24.7699	20.5807	0.9891	1.9064	47.2315	0.3519
08:06:23	482.91	5.10	400.00	148.96	90.35	71.73	684.92	22.4627	24.0742	20.4676	0.9955	1.9162	48.1334	0.3576
08:06:24	482.78	5.07	400.00	148.96	90.35	71.73	684.92	22.4627	24.0742	20.4676	1.0019	1.9260	49.0353	0.3632
08:06:25	482.91	5.10	400.00	124.54	84.25	71.73	658.47	21.5069	23.0415	17.8668	1.0080	1.9355	49.8185	0.3682
08:06:26	482.78	5.13	400.00	111.11	80.59	71.73	650.34	19.4358	20.8227	11.7604	1.0135	1.9430	50.3339	0.3715
08:06:27	482.91	5.17	400.00	107.45	78.14	71.73	646.78	19.4358	20.8162	11.7604	1.0190	1.9504	50.8471	0.3747
08:06:28	482.91	5.17	400.00	107.45	78.14	71.73	646.78	16.2496	17.4100	5.2017	1.0236	1.9567	51.0752	0.3762
08:06:29	499.51	5.21	399.51	103.79	74.48	71.73	645.25	14.4972	15.5389	1.4701	1.0277	1.9623	51.1401	0.3766
08:06:30	499.39	5.26	400.00	102.56	73.26	71.73	643.22	14.0193	15.0351	0.4523	1.0317	1.9677	51.1602	0.3767
08:06:31	499.39	5.34	400.00	100.12	69.60	71.73	641.19	14.0193	15.0351	0.4523	1.0356	1.9731	51.1804	0.3768
08:06:32	499.39	5.38	400.00	98.90	69.60	71.73	641.19	13.5413	14.5297	0.1131	1.0396	1.9783	51.1854	0.3769
08:06:33	499.39	5.41	456.17	98.90	68.38	71.73	771.87	13.3820	14.3677	0.0000	1.0435	1.9835	51.1854	0.3769
08:06:34	499.39	5.44	456.17	102.56	73.26	71.73	771.87	13.0634	14.0415	0.0000	1.0474	1.9886	51.1854	0.3769
08:06:35	499.39	5.46	456.65	116.00	75.70	71.73	1030.17	12.9041	13.8774	0.0000	1.0512	1.9935	51.1854	0.3769
08:06:36	499.39	5.46	456.65	142.86	84.25	71.49	1133.90	12.9041	13.8832	1.0177	1.0550	1.9992	51.2328	0.3772
08:06:37	499.39	5.49	456.65	164.84	84.25	71.49	1133.90	13.3820	14.4033	1.0177	1.0589	2.0052	51.2805	0.3774
08:06:38	477.90	5.49	456.17	192.92	96.46	71.73	1314.92	15.1345	16.2928	4.7494	1.0634	2.0118	51.5035	0.3788
08:06:39	477.90	5.49	456.17	192.92	96.46	71.73	1314.92	18.6393	20.0658	6.3325	1.0688	2.0201	51.8008	0.3805
08:06:40	477.90	5.50	456.65	269.84	122.10	71.73	1492.88	21.5069	23.1612	6.3325	1.0752	2.0296	52.0997	0.3823
08:06:41	477.90	5.50	456.65	586.08	201.47	71.73	1763.90	25.1710	27.1062	8.5941	1.0823	2.0407	52.5052	0.3847
08:06:42	477.90	5.53	512.33	586.08	201.47	71.73	1763.90	25.1710	27.1062	8.5941	1.0894	2.0518	52.9108	0.3871
08:06:43	477.90	5.53	512.33	1102.56	354.09	71.73	1832.03	35.2075	37.9221	10.2904	1.0993	2.0674	53.3978	0.3899
08:06:44	477.90	5.51	512.33	1814.41	709.40	71.73	1421.19	76.4689	82.3648	13.9089	1.1208	2.1012	54.0560	0.3938
08:06:45	477.90	5.51	512.33	1814.41	709.40	71.73	1421.19	76.4689	82.3902	13.9089	1.1424	2.1392	54.7170	0.3976
08:06:46	477.90	5.48	512.33	959.71	460.32	71.98	953.39	143.8570	154.9966	17.7537	1.1829	2.2106	55.5608	0.4026
08:06:47	477.90	5.48	512.33	959.71	460.32	71.98	953.39	236.7348	255.0138	20.8069	1.2497	2.3281	56.5469	0.4083
08:06:48	477.90	5.47	512.82	542.12	307.69	71.98	951.86	236.7348	255.0138	20.8069	1.3164	2.4456	57.5330	0.4141
08:06:49	427.96	5.44	512.82	306.47	210.01	71.73	936.61	125.2178	134.8376	20.8069	1.3517	2.5077	58.5142	0.4199
08:06:50	428.08	5.38	512.82	239.32	172.16	71.73	936.61	125.2178	134.8376	20.8069	1.3870	2.5699	59.4953	0.4257
08:06:51	427.96	5.33	512.33	214.90	152.63	71.73	928.47	70.7337	76.1521	20.6938	1.4069	2.6050	60.4684	0.4314
08:06:52	428.08	5.28	447.86	191.70	134.31	71.98	928.47	39.9868	43.0283	20.3545	1.4170	2.6248	61.4201	0.4371
08:06:53	428.08	5.22	447.86	183.15	134.31	71.98	928.47	31.2248	33.5756	20.3545	1.4248	2.6403	62.3621	0.4427
08:06:54	428.08	5.17	447.86	177.05	116.00	71.73	935.09	28.0386	30.1293	20.3545	1.4319	2.6542	63.2953	0.4484
08:06:55	428.08	5.17	447.86	177.05	116.00	71.73	935.09	25.0117	26.8601	20.2415	1.4382	2.6650	64.2152	0.4540
08:06:56	428.08	5.12	447.86	175.82	112.33	71.98	939.66	23.8965	25.6413	20.2415	1.4442	2.6753	65.1242	0.4596
08:06:57	428.08	4.98	447.86	177.05	105.01	71.73	947.80	23.1000	24.7687	20.3545	1.4500	2.6853	66.0286	0.4653
08:06:58	410.74	4.98	447.86	177.05	105.01	71.73	947.80	23.1000	24.7687	20.3545	1.4558	2.6953	66.9331	0.4710
08:06:59	410.74	4.89	448.35	174.60	98.90	71.98	947.29	22.9406	24.5827	20.4676	1.4616	2.7052	67.8344	0.4766
08:07:00	410.74	4.89	448.35	169.72	96.46	71.98	947.29	23.1000	24.7088	20.6938	1.4674	2.7152	68.7213	0.4824
08:07:01	410.62	4.87	447.86	166.06	95.24	71.98	945.76	23.1000	24.7080	20.6938	1.4729	2.7251	69.6081	0.4881
08:07:02	410.62	4.84	383.88	158.73	94.02	71.73	726.61	22.7813	24.3383	20.8069	1.4784	2.7349	70.4838	0.4939
08:07:03	410.74	4.86	383.88	146.52	90.35	71.98	656.44	22.1441	23.6575	20.6938	1.4837	2.7445	71.3547	0.4997
08:07:04	410.74	4.86	383.88	146.52	90.35	71.98	656.44	21.6662	23.1397	20.5807	1.4889	2.7538	72.2167	0.5054
08:07:05	410.62	4.90	384.37	117.22	84.25	71.73	664.58	20.7103	22.1108	15.6051	1.4939	2.7614	72.8666	0.5097
08:07:06	410.50	4.93	384.37	109.89	81.81	71.98	656.95	19.1172	20.4142	12.0997	1.4985	2.7685	73.3722	0.5131
08:07:07	410.74	4.97	383.88	105.01	78.14	71.98	648.81	19.1172	20.4142	12.0997	1.5031	2.7755	73.8777	0.5164
08:07:08	410.74	4.97	383.88	105.01	78.14	71.98	648.81	15.2938	16.3407	4.0709	1.5067	2.7812	74.0493	0.5176
08:07:09	428.08	5.03	384.37	103.79	75.70	71.73	647.80	14.3379	15.3257	1.8093	1.5102	2.7865	74.1261	0.5181
08:07:10	427.96	5.08	383.88	102.56	75.70	71.73	646.78	13.7007	14.6521	0.4523	1.5135	2.7915	74.1454	0.5182
08:07:11	428.21	5.12	383.88	101.34	74.48	71.73	645.76	13.7007	14.6521	0.4523	1.5168	2.7966	74.1648	0.5183
08:07:12	428.08	5.16	383.88	100.12	73.26	71.98	645.76	13.5413	14.4934	0.1131	1.5202	2.8016	74.1697	0.5184
08:07:13	428.08	5.20	383.88	100.12	72.04	71.73	649.32	13.3820	14.3318	0.0000	1.5235	2.8065	74.1697	0.5184
08:07:14	428.08	5.24	444.44	102.56	74.48	71.73	985.93	13.2227	14.1692	0.1131	1.5269	2.8114	74.1746	0.5184
08:07:15	428.08	5.29	444.44	122.10	79.37	71.98	1089.66	13.0634	14.0064	0.1131	1.5301	2.8163	74.1797	0.5184
08:07:16	428.08	5.29	444.44	122.10	79.37	71.98	1089.66	13.0634	14.0129	0.0000	1.5334	2.8211	74.1797	0.5184
08:07:17	428.08	5.32	444.44	169.72	87.91	71.98	1325.59	13.3820	14.3621	3.8447	1.5368	2.8268	74.3528	0.5195
08:07:18	413.19	5.32	444.44	221.00	108.67	71.98	1435.93	15.9310	17.1092	5.5410	1.5408	2.8337	74.6048	0.5210
08:07:19	413.19	5.32	444.44	289.38	131.87	71.73	1596.10	15.9310	17.1092	5.5410	1.5448	2.8405	74.8568	0.5226
08:07:20	413.19	5.35	444.44	289.38	131.87	71.73	1596.10	22.1441	23.7928	8.0287	1.5504	2.8500	75.2244	0.5248
08:07:21	413.19	5.35	444.93	909.65	289.38	71.73	1815.26	28.8351	30.9812	9.7250	1.5574	2.8624	75.6696	0.5275
08:07:22	413.06	5.36	444.44	909.65	289.38	71.73	1815.26	37.7565	40.5665	11.0819	1.5666	2.8786	76.1769	0.5306
08:07:23	413.31	5.36	505.01	1927.96	739.93	71.73	1702.37	37.7565	40.5791	11.0819	1.5757	2.8948	76.6865	0.5336
08:07:24	413.31	5.36	505.01	1714.29	694.75	71.73	984.41	118.6860	127.5588	17.0752	1.6046	2.9459	77.4716	0.5384
08:07:25	413.19	5.36	505.01	1148.96	529.91	71.73	984.41	118.6860	127.5850	17.0752	1.6335	2.9969	78.2590	0.5431

08:07:26	413.19	5.35	505.01	614.16	341.88	71.98	944.75	251.5506	270.4118	21.4854	1.6946	3.1197	79.2498	0.5491
08:07:27	413.19	5.35	505.01	614.16	341.88	71.98	944.75	223.6713	240.4422	20.5807	1.7491	3.2289	80.1989	0.5548
08:07:28	413.19	5.32	504.52	426.13	271.06	71.98	945.76	149.9108	161.1511	20.5807	1.7855	3.3021	81.1480	0.5605
08:07:29	377.29	5.27	505.01	242.98	175.82	71.73	954.92	80.1330	86.1280	20.5807	1.8050	3.3412	82.0950	0.5663
08:07:30	377.29	5.27	505.01	242.98	175.82	71.73	954.92	80.1330	86.1280	20.5807	1.8245	3.3803	83.0421	0.5720
08:07:31	377.29	5.17	505.01	195.36	133.09	71.73	942.20	55.5992	59.7372	20.5807	1.8380	3.4074	83.9842	0.5777
08:07:32	377.41	5.15	505.01	185.59	124.54	71.73	939.66	31.7027	34.0354	20.9200	1.8450	3.4229	84.9321	0.5835
08:07:33	377.41	5.15	505.01	185.59	124.54	71.73	939.66	31.7027	34.0354	20.9200	1.8521	3.4383	85.8800	0.5893
08:07:34	377.41	5.04	444.44	172.16	118.44	71.73	938.64	25.4896	27.3313	20.5807	1.8577	3.4507	86.7959	0.5950
08:07:35	377.41	5.04	444.44	172.16	111.11	71.98	935.09	24.2151	25.9567	20.5807	1.8631	3.4625	87.7077	0.6007
08:07:36	377.29	4.92	444.93	168.06	101.34	71.73	937.12	24.2151	25.9567	20.5807	1.8684	3.4743	88.6194	0.6065
08:07:37	377.41	4.88	444.44	166.06	101.34	71.73	937.12	22.4627	24.0423	20.4676	1.8734	3.4839	89.5062	0.6121
08:07:38	377.41	4.88	444.44	166.06	100.12	71.73	939.15	22.4627	24.0423	20.3545	1.8784	3.4935	90.3882	0.6178
08:07:39	369.60	4.80	444.44	170.94	96.46	71.98	945.25	21.6662	23.1550	20.4676	1.8831	3.5028	91.2550	0.6235
08:07:40	369.60	4.75	444.44	170.94	96.46	71.98	947.29	21.6662	23.1419	20.4676	1.8879	3.5121	92.1144	0.6292
08:07:41	369.72	4.75	444.44	170.94	96.46	71.98	947.29	21.6662	23.1419	20.4676	1.8927	3.5213	92.9737	0.6349
08:07:42	369.72	4.73	444.44	168.50	96.46	71.73	950.34	22.3034	23.7964	20.4676	1.8975	3.5308	93.8186	0.6405
08:07:43	369.60	4.73	384.37	163.61	95.24	71.98	791.70	22.3034	23.7816	20.6938	1.9023	3.5403	94.6644	0.6463
08:07:44	369.60	4.75	384.37	130.65	86.69	71.73	683.90	22.3034	23.7816	20.6938	1.9072	3.5498	95.5103	0.6520
08:07:45	369.60	4.80	384.37	120.88	86.69	71.73	683.90	21.9848	23.4358	20.5807	1.9119	3.5592	96.3481	0.6578
08:07:46	369.60	4.80	384.37	120.88	85.47	71.98	665.08	21.3476	22.7565	17.1883	1.9165	3.5671	97.0478	0.6625
08:07:47	369.60	4.88	384.37	106.23	79.37	71.98	651.36	17.0462	18.1760	7.9157	1.9202	3.5733	97.3714	0.6647
08:07:48	369.60	4.88	384.37	106.23	79.37	71.98	651.36	15.7717	16.8266	7.9157	1.9236	3.5792	97.6979	0.6669
08:07:49	402.81	4.92	383.88	105.01	78.14	71.73	647.80	15.7717	16.8266	4.7494	1.9270	3.5850	97.8937	0.6682
08:07:50	402.81	4.97	383.88	102.56	76.92	71.73	646.27	13.8600	14.8038	0.1131	1.9300	3.5901	97.8985	0.6683
08:07:51	402.81	5.06	384.37	101.34	75.70	71.98	649.32	13.8600	14.8038	0.1131	1.9330	3.5952	97.9032	0.6683
08:07:52	402.69	5.09	438.10	101.34	75.70	71.98	651.36	13.7007	14.6421	0.0000	1.9362	3.6003	97.9032	0.6683
08:07:53	402.81	5.12	437.61	101.34	75.70	71.98	651.36	13.3820	14.3104	0.0000	1.9394	3.6052	97.9032	0.6683
08:07:54	402.81	5.12	437.61	101.34	75.70	71.98	854.24	13.2227	14.1569	0.1131	1.9425	3.6101	97.9082	0.6683
08:07:55	402.93	5.18	438.10	133.09	86.69	71.98	1087.63	13.2227	14.1627	0.1131	1.9456	3.6157	97.9131	0.6684
08:07:56	402.81	5.18	437.61	133.09	86.69	71.98	1087.63	13.2227	14.1678	0.1131	1.9487	3.6213	97.9181	0.6684
08:07:57	402.81	5.18	437.61	159.95	90.35	71.98	1164.41	13.2227	14.1678	2.6009	1.9519	3.6268	98.0325	0.6691
08:07:58	402.81	5.20	438.10	192.92	92.80	72.22	1312.88	17.3648	18.6222	5.4279	1.9560	3.6342	98.2744	0.6706
08:07:59	386.45	5.23	438.10	411.48	142.86	71.98	1419.66	17.3648	18.6222	5.4279	1.9601	3.6415	98.5164	0.6721
08:08:00	386.32	5.23	438.10	617.83	184.37	71.98	1655.09	20.8696	22.3809	6.6718	1.9650	3.6503	98.8137	0.6740
08:08:01	386.45	5.21	438.10	927.98	184.37	71.98	1756.78	25.1710	27.0007	7.9157	1.9710	3.6609	99.1679	0.6762
08:08:02	386.45	5.21	437.61	927.98	261.29	71.98	1759.83	53.6875	57.6091	11.6473	1.9832	3.6836	99.6917	0.6794
08:08:03	386.45	5.21	494.75	1932.84	736.26	71.98	1861.87	80.6109	86.4991	11.6473	2.0014	3.7177	100.2155	0.6827
08:08:04	386.45	5.21	494.75	1932.84	736.26	71.98	1861.87	121.0757	129.8862	13.7959	2.0289	3.7689	100.8336	0.6865
08:08:05	386.45	5.20	494.75	1857.14	774.11	71.98	980.34	121.0757	129.8862	16.5098	2.0564	3.8200	101.5734	0.6911
08:08:06	386.45	5.20	494.75	1252.75	588.52	71.98	948.81	252.1878	270.5391	21.5984	2.1137	3.9404	102.5411	0.6971
08:08:07	386.32	5.18	495.24	394.38	251.53	71.98	954.41	252.1878	270.5391	21.5984	2.1709	4.0608	103.5088	0.7031
08:08:08	358.12	5.15	494.75	306.47	203.91	71.98	945.25	242.3106	259.9029	20.0153	2.2259	4.1764	104.4036	0.7086
08:08:09	358.00	5.13	494.75	306.47	203.91	71.98	947.29	163.4522	175.3192	20.3545	2.2630	4.2544	105.3136	0.7143
08:08:10	358.00	5.10	495.24	252.75	170.94	72.22	949.83	51.4572	55.1817	20.5807	2.2746	4.2790	106.2309	0.7200
08:08:11	358.00	5.07	494.75	189.26	124.54	72.22	942.20	39.9868	42.8634	20.5807	2.2831	4.2981	107.1433	0.7257
08:08:12	358.00	5.03	494.75	178.27	112.33	72.22	942.20	39.9868	42.8524	20.6938	2.2915	4.3171	108.0573	0.7315
08:08:13	358.00	5.03	494.75	178.27	112.33	71.98	942.20	32.9772	35.3258	20.8069	2.2984	4.3329	108.9707	0.7373
08:08:14	358.00	4.93	440.54	166.06	102.56	71.98	939.15	24.6931	26.4394	20.4676	2.3036	4.3446	109.8630	0.7429
08:08:15	358.00	4.93	440.54	162.39	97.68	71.98	939.15	23.2593	24.8901	20.4676	2.3084	4.3557	110.7478	0.7486
08:08:16	358.12	4.82	440.05	152.63	92.80	71.98	940.17	23.2593	24.8901	20.5807	2.3133	4.3668	111.6374	0.7543
08:08:17	358.00	4.78	440.05	148.96	91.58	71.98	940.17	21.6662	23.1554	20.4676	2.3179	4.3760	112.5050	0.7600
08:08:18	358.00	4.78	440.05	148.96	91.58	71.98	940.17	21.1882	22.6446	20.4676	2.3223	4.3849	113.3726	0.7657
08:08:19	371.55	4.70	440.05	141.64	89.13	71.98	943.22	19.9138	21.2529	20.5807	2.3265	4.3933	114.2263	0.7714
08:08:20	371.55	4.69	440.54	140.42	89.13	71.98	943.22	19.4358	20.7310	20.5807	2.3305	4.4015	115.0724	0.7771
08:08:21	371.55	4.67	440.54	140.42	86.69	71.98	945.25	19.4358	20.7310	20.4676	2.3346	4.4097	115.9138	0.7828
08:08:22	371.67	4.67	440.54	139.19	86.69	71.98	942.20	18.4800	19.6916	20.5807	2.3386	4.4175	116.7461	0.7886
08:08:23	371.67	4.67	440.54	139.19	86.69	71.98	756.61	18.3207	19.5178	20.5807	2.3426	4.4253	117.5756	0.7943
08:08:24	371.55	4.72	388.28	113.55	78.14	71.98	621.86	18.3207	19.5138	20.4676	2.3465	4.4330	118.3978	0.8000
08:08:25	371.55	4.76	388.28	107.45	75.70	71.98	686.95	18.1614	19.3441	16.5098	2.3505	4.4407	119.0610	0.8045
08:08:26	371.55	4.76	388.28	107.45	75.70	71.98	671.19	18.1614	19.3441	16.5098	2.3544	4.4483	119.7242	0.8091
08:08:27	371.55	4.87	388.28	102.56	73.26	71.73	658.98	14.8158	15.7921	7.5764	2.3576	4.4538	120.0321	0.8112
08:08:28	415.02	4.91	388.77	101.34	73.26	71.73	658.98	14.0193	14.9493	4.6363	2.3607	4.4591	120.2218	0.8125
08:08:29	415.02	4.91	388.77	101.34	72.04	71.98	658.98	14.0193	14.9493	4.6363	2.3637	4.4643	120.4114	0.8138
08:08:30	415.14	5.01	388.28	100.12	69.60	71.98	657.97	13.3820	14.2904	0.5654	2.3666	4.4693	120.4351	0.8140
08:08:31	415.14	5.01	388.77	98.90	68.38	71.73	653.39	13.2227	14.1294	0.5654	2.3698	4.4742	120.4590	0.8141
08:08:32	415.14	5.11	447.86	96.46	63.49	71.98	658.44	13.2227	14.1294	0.2262	2.3730	4.4792	120.4685	0.8142

08:08:33	415.02	5.15	447.86	96.46	63.49	71.98	656.44	13.0634	13.9780	0.1131	2.3762	4.4840	120.4734	0.8142
08:08:34	415.02	5.15	447.86	96.46	63.49	71.98	866.44	12.9041	13.8075	0.0000	2.3793	4.4889	120.4734	0.8142
08:08:35	415.14	5.21	448.35	117.22	74.48	71.73	1128.81	12.5855	13.4846	0.1131	2.3824	4.4943	120.4784	0.8142
08:08:36	415.14	5.23	447.86	117.22	74.48	71.73	1128.81	12.5855	13.4923	0.1131	2.3855	4.4997	120.4834	0.8143
08:08:37	415.14	5.25	447.86	139.19	79.37	71.73	1225.42	12.5855	13.4923	2.4878	2.3885	4.5052	120.5937	0.8150
08:08:38	415.14	5.25	448.35	188.03	91.58	71.73	1395.25	15.2938	16.4075	5.7671	2.3923	4.5118	120.8521	0.8166
08:08:39	398.41	5.27	447.86	484.74	175.82	71.73	1536.10	15.2938	16.4126	5.7671	2.3960	4.5184	121.1116	0.8182
08:08:40	398.29	5.28	447.86	833.94	268.62	71.73	1825.42	18.1614	19.4950	7.1241	2.4004	4.5262	121.4335	0.8202
08:08:41	398.29	5.28	447.86	1277.17	426.13	71.73	1804.58	24.5338	26.3354	9.2726	2.4064	4.5369	121.8524	0.8227
08:08:42	398.41	5.28	447.86	1277.17	426.13	71.73	1888.48	63.2461	67.9059	13.3435	2.4212	4.5642	122.4574	0.8264
08:08:43	398.29	5.28	510.87	1586.08	666.67	71.98	1040.34	108.8088	116.8436	13.3435	2.4467	4.6113	123.0638	0.8301
08:08:44	398.29	5.28	510.87	1586.08	666.67	71.98	1040.34	166.6384	178.9434	16.6229	2.4857	4.6833	123.8192	0.8348
08:08:45	398.41	5.27	510.87	1101.34	518.93	71.98	967.63	166.6384	178.9434	18.8845	2.5248	4.7554	124.6774	0.8400
08:08:46	398.29	5.26	510.87	623.93	339.44	71.98	960.51	206.9438	222.2251	21.2592	2.5732	4.8575	125.6435	0.8459
08:08:47	398.29	5.20	510.38	297.92	203.91	71.98	951.36	206.9438	222.2251	21.2592	2.6217	4.9596	126.6096	0.8518
08:08:48	366.06	5.18	510.38	247.86	174.60	71.98	944.24	143.6977	154.2849	21.0330	2.6553	5.0305	127.5633	0.8577
08:08:49	366.06	5.14	510.87	214.90	151.40	71.98	944.24	81.4075	87.3873	21.0330	2.6744	5.0707	128.5142	0.8635
08:08:50	366.18	5.14	510.87	214.90	151.40	71.98	940.17	38.8717	41.6947	20.5807	2.6835	5.0898	129.4342	0.8692
08:08:51	366.06	5.03	510.87	170.94	111.11	71.98	940.68	32.3400	34.6795	20.4676	2.6904	5.1057	130.3465	0.8749
08:08:52	366.06	5.03	510.87	170.94	111.11	71.98	940.68	28.0386	30.0514	20.4676	2.6965	5.1195	131.2519	0.8806
08:08:53	366.06	4.99	510.87	161.17	103.79	71.98	940.68	28.0386	30.0514	20.4676	2.7025	5.1333	132.1572	0.8863
08:08:54	366.06	4.94	442.49	155.07	98.90	71.98	939.66	22.3034	23.8700	20.5807	2.7073	5.1443	133.0483	0.8920
08:08:55	366.06	4.79	442.00	155.07	94.02	71.98	943.73	22.3034	23.8700	20.5807	2.7120	5.1553	133.9393	0.8977
08:08:56	366.06	4.74	442.00	152.63	92.80	71.98	945.76	21.0289	22.4933	20.4676	2.7166	5.1656	134.8179	0.9034
08:08:57	366.06	4.71	442.49	152.63	92.80	71.98	945.76	20.2324	21.6267	20.4676	2.7209	5.1742	135.6875	0.9091
08:08:58	366.06	4.71	442.49	152.63	92.80	71.98	947.80	20.2324	21.5843	20.6938	2.7252	5.1828	136.5403	0.9148
08:08:59	375.46	4.63	442.49	148.96	89.13	71.98	951.36	19.9138	21.2313	20.5807	2.7295	5.1912	137.3802	0.9205
08:09:00	375.34	4.58	442.49	148.96	89.13	71.98	952.88	19.9138	21.2225	20.5807	2.7337	5.1997	138.2145	0.9263
08:09:01	375.34	4.58	442.49	148.96	89.13	71.98	952.88	19.9138	21.2225	20.6938	2.7380	5.2081	139.0535	0.9320
08:09:02	375.46	4.58	442.00	150.18	89.13	71.98	952.88	19.4358	20.6900	20.8069	2.7422	5.2163	139.8816	0.9378
08:09:03	375.46	4.58	442.00	150.18	89.13	71.98	791.70	19.4358	20.6782	20.8069	2.7465	5.2246	140.7020	0.9436
08:09:04	375.46	4.61	376.07	135.53	86.69	71.98	709.83	19.4358	20.6782	20.8069	2.7507	5.2328	141.5225	0.9493
08:09:05	375.34	4.68	376.07	116.00	81.81	71.98	674.75	19.5951	20.8477	20.9200	2.7550	5.2411	142.3474	0.9552
08:09:06	375.34	4.68	376.07	116.00	81.81	71.98	674.75	19.5951	20.8477	17.0752	2.7593	5.2494	143.0207	0.9599
08:09:07	375.34	4.74	376.07	105.01	78.14	71.98	664.07	17.6834	18.8196	11.6473	2.7632	5.2557	143.4823	0.9631
08:09:08	411.23	4.80	376.07	102.56	78.14	71.98	664.07	15.1345	16.1219	3.7317	2.7665	5.2612	143.6325	0.9642
08:09:09	411.23	4.80	376.07	102.56	78.14	71.98	660.51	15.1345	16.1219	3.7317	2.7698	5.2666	143.7826	0.9652
08:09:10	411.11	4.88	376.07	102.56	76.92	71.98	658.47	13.7007	14.6066	0.9046	2.7728	5.2716	143.8195	0.9655
08:09:11	411.11	4.88	376.07	102.56	76.92	71.98	660.51	13.3820	14.2789	0.1131	2.7760	5.2764	143.8242	0.9655
08:09:12	411.11	4.96	376.07	100.12	74.48	71.98	727.12	13.3820	14.2789	0.1131	2.7792	5.2812	143.8289	0.9655
08:09:13	411.11	4.98	434.19	100.12	74.48	71.98	727.12	13.3820	14.2937	0.3392	2.7824	5.2861	143.8431	0.9656
08:09:14	411.23	4.98	434.19	100.12	74.48	71.98	861.87	13.3820	14.2937	0.2262	2.7857	5.2909	143.8526	0.9657
08:09:15	411.23	5.02	434.68	120.88	81.81	71.98	1140.00	13.0634	13.9685	0.2262	2.7888	5.2956	143.8622	0.9657
08:09:16	411.23	5.02	434.68	120.88	81.81	71.98	1140.00	13.0634	13.9721	2.4878	2.7919	5.3011	143.9688	0.9664
08:09:17	411.23	5.06	434.19	158.73	86.69	71.98	1305.25	13.0634	13.9721	2.4878	2.7951	5.3065	144.0753	0.9671
08:09:18	411.11	5.04	434.19	200.24	98.90	71.98	1425.26	15.7717	16.8774	5.8802	2.7989	5.3131	144.3291	0.9688
08:09:19	385.84	5.06	434.68	567.77	125.76	71.98	1583.90	15.7717	16.8774	5.8802	2.8027	5.3197	144.5829	0.9704
08:09:20	385.84	5.06	434.68	567.77	196.58	71.98	1797.46	20.7103	22.1737	8.0287	2.8077	5.3284	144.9321	0.9726
08:09:21	385.96	5.06	434.19	908.42	288.16	71.98	1789.83	26.1269	27.9687	9.4988	2.8140	5.3393	145.3443	0.9753
08:09:22	385.84	5.06	434.19	1538.46	514.04	71.98	1764.41	74.0792	79.3182	10.9688	2.8307	5.3703	145.8221	0.9783
08:09:23	385.96	5.06	494.75	1470.08	534.80	72.22	1503.05	74.0792	79.3182	14.2482	2.8475	5.4013	146.4428	0.9823
08:09:24	385.96	5.06	494.75	1023.20	534.80	72.22	1503.05	118.5267	126.9092	16.9621	2.8743	5.4509	147.1817	0.9870
08:09:25	385.96	5.06	494.75	1023.20	444.44	71.98	982.37	200.7307	214.9268	19.3368	2.9197	5.5348	148.0241	0.9923
08:09:26	385.84	5.04	495.24	716.73	354.09	72.22	962.54	191.8093	205.3745	20.9200	2.9631	5.6262	148.9354	0.9982
08:09:27	385.96	5.00	494.75	321.12	214.90	72.22	924.41	133.5019	142.9434	20.9200	2.9933	5.6898	149.8468	1.0040
08:09:28	343.71	4.98	494.75	236.87	167.28	71.98	898.47	133.5019	142.9434	21.3723	3.0235	5.7534	150.7778	1.0099
08:09:29	343.71	4.94	494.75	207.57	146.52	72.22	899.49	93.5150	100.1028	21.0330	3.0447	5.7980	151.6905	1.0157
08:09:30	343.59	4.90	494.75	207.57	146.52	72.22	909.15	41.8986	44.8247	20.4676	3.0541	5.8179	152.5712	1.0214
08:09:31	343.59	4.85	495.24	180.71	112.33	71.98	923.90	30.9062	33.0433	19.6761	3.0604	5.8326	153.4105	1.0269
08:09:32	343.71	4.81	432.23	180.71	112.33	71.98	923.90	27.0827	28.9480	19.6761	3.0658	5.8455	154.2465	1.0324
08:09:33	343.71	4.75	432.23	173.38	102.56	72.22	935.59	27.0827	28.9330	19.9022	3.0712	5.8584	155.0854	1.0379
08:09:34	343.71	4.69	432.23	168.50	102.56	71.98	943.73	23.5779	25.1719	20.1284	3.0760	5.8696	155.9251	1.0435
08:09:35	343.71	4.69	432.23	168.50	98.90	72.22	955.42	23.5779	25.1576	20.1284	3.0807	5.8794	156.7573	1.0491
08:09:36	343.71	4.63	432.23	164.84	97.68	71.98	962.03	22.6220	24.1190	20.3545	3.0853	5.8888	157.5886	1.0547
08:09:37	343.59	4.53	432.23	161.17	95.24	71.98	965.59	21.9848	23.4214	20.5807	3.0897	5.8979	158.4188	1.0604
08:09:38	343.59	4.53	432.23	161.17	95.24	71.98	965.59	21.9848	23.4214	20.9200	3.0941	5.9070	159.2627	1.0663
08:09:39	349.21	4.44	431.75	157.51	94.02	71.98	946.27	21.5069	22.8957	21.0330	3.0984	5.9159	160.1013	1.0721

08:09:40	349.08	4.42	432.23	155.07	92.80	72.22	940.68	21.0289	22.3568	21.0330	3.1026	5.9246	160.9214	1.0779
08:09:41	349.08	4.42	432.23	155.07	92.80	72.22	940.68	21.0289	22.3568	21.0330	3.1068	5.9332	161.7416	1.0838
08:09:42	349.21	4.42	370.21	153.85	90.35	72.22	735.25	20.5510	21.8230	20.5807	3.1110	5.9417	162.5283	1.0895
08:09:43	349.21	4.42	370.21	153.85	90.35	72.22	735.25	20.2324	21.4791	20.5807	3.1151	5.9501	163.3115	1.0952
08:09:44	349.08	4.44	370.21	141.64	86.69	71.98	677.80	20.2324	21.4791	20.5807	3.1192	5.9584	164.0947	1.1009
08:09:45	349.08	4.51	369.72	113.55	81.81	72.22	675.25	20.0731	21.3099	15.9444	3.1232	5.9655	164.7014	1.1054
08:09:46	349.08	4.55	370.21	107.45	81.81	72.22	675.25	20.0731	21.3099	15.9444	3.1273	5.9726	165.3082	1.1098
08:09:47	349.08	4.61	370.21	103.79	76.92	72.22	669.66	18.4800	19.6227	12.3258	3.1311	5.9791	165.7789	1.1132
08:09:48	384.37	4.65	370.21	102.56	75.70	72.22	662.03	14.8158	15.7467	4.6363	3.1341	5.9844	165.9587	1.1145
08:09:49	384.37	4.71	370.21	102.56	75.70	72.22	662.03	14.0193	14.9086	4.6363	3.1369	5.9893	166.1403	1.1158
08:09:50	384.37	4.74	369.72	100.12	75.70	72.22	657.97	13.5413	14.4115	0.4523	3.1397	5.9941	166.1583	1.1159
08:09:51	384.37	4.74	369.72	100.12	75.70	72.22	657.97	13.3820	14.2509	0.1131	3.1427	5.9989	166.1628	1.1160
08:09:52	384.37	4.78	370.21	100.12	75.70	71.98	657.97	13.3820	14.2605	0.1131	3.1457	6.0036	166.1674	1.1160
08:09:53	384.49	4.84	423.93	100.12	75.70	71.98	946.78	13.0634	13.9267	0.0000	3.1486	6.0083	166.1674	1.1160
08:09:54	384.49	4.86	423.93	105.01	75.70	72.22	946.78	13.0634	13.9267	0.0000	3.1515	6.0129	166.1674	1.1160
08:09:55	384.37	4.87	423.93	133.09	79.37	72.22	1182.71	13.0634	13.9339	0.0000	3.1545	6.0175	166.1674	1.1160
08:09:56	384.37	4.89	424.42	159.95	84.25	71.98	1290.00	13.0634	13.9462	3.5055	3.1574	6.0228	166.3134	1.1170
08:09:57	384.37	4.91	424.42	159.95	84.25	71.98	1290.00	13.7007	14.6295	3.5055	3.1605	6.0284	166.4598	1.1179
08:09:58	369.11	4.94	424.42	338.22	118.44	71.98	1644.92	17.3648	18.5459	6.5587	3.1644	6.0355	166.7347	1.1198
08:09:59	369.11	4.94	424.42	338.22	118.44	71.98	1644.92	20.8696	22.2948	7.9157	3.1691	6.0440	167.0679	1.1220
08:10:00	369.11	4.94	424.42	551.89	169.72	71.98	1797.46	20.8696	22.3006	7.9157	3.1738	6.0525	167.4023	1.1241
08:10:01	369.11	4.96	424.42	1498.17	485.98	72.22	1871.70	44.1289	47.1679	11.6473	3.1833	6.0705	167.8968	1.1274
08:10:02	369.11	4.96	424.42	1792.43	666.87	72.22	1871.70	44.1289	47.1679	11.6473	3.1928	6.0885	168.3913	1.1306
08:10:03	369.11	4.96	477.17	1455.43	616.61	72.22	991.53	72.0082	76.9672	13.5697	3.2084	6.1179	168.9674	1.1344
08:10:04	369.11	4.95	477.17	985.35	476.19	72.22	962.03	195.4735	208.9999	19.7892	3.2506	6.1977	169.8115	1.1399
08:10:05	369.11	4.95	477.17	667.89	358.97	72.22	962.03	233.8672	250.0504	19.7892	3.3012	6.2931	170.6557	1.1454
08:10:06	369.11	4.92	477.17	395.60	358.97	72.22	962.03	189.8976	203.0382	21.2592	3.3422	6.3802	171.5625	1.1513
08:10:07	369.11	4.92	477.17	395.60	252.75	72.22	938.64	128.5633	137.4384	20.9200	3.3700	6.4392	172.4527	1.1571
08:10:08	344.81	4.86	477.68	230.77	159.95	72.22	925.42	87.1426	93.1583	20.9200	3.3888	6.4792	173.3430	1.1629
08:10:09	344.81	4.83	477.17	203.91	159.95	72.22	925.42	51.6165	55.1626	20.9200	3.4000	6.5029	174.2290	1.1687
08:10:10	344.81	4.83	477.17	203.91	137.97	72.22	926.95	51.6165	55.1626	20.4676	3.4111	6.5265	175.0959	1.1744
08:10:11	344.69	4.73	477.17	174.60	105.01	72.22	931.02	30.1096	32.1502	20.2415	3.4172	6.5404	175.9423	1.1800
08:10:12	344.69	4.69	477.17	162.39	100.12	72.22	931.02	26.6048	28.3961	20.2415	3.4225	6.5525	176.7833	1.1857
08:10:13	344.81	4.62	412.70	162.39	100.12	72.22	935.09	26.6048	28.3961	20.2415	3.4279	6.5647	177.6243	1.1913
08:10:14	344.81	4.58	412.70	155.07	96.46	72.22	940.68	22.7813	24.2826	20.3545	3.4325	6.5752	178.4522	1.1969
08:10:15	344.81	4.58	412.70	155.07	94.02	71.98	943.22	21.1882	22.5740	20.3545	3.4367	6.5848	179.2740	1.2026
08:10:16	344.81	4.52	412.21	152.63	92.80	71.98	944.75	21.1882	22.5519	20.3545	3.4410	6.5932	180.0827	1.2082
08:10:17	344.81	4.39	412.70	158.73	94.02	72.22	946.27	20.2324	21.5223	20.3545	3.4451	6.6012	180.8840	1.2139
08:10:18	344.81	4.39	412.70	158.73	94.02	71.98	941.19	20.2324	21.5223	20.4676	3.4491	6.6092	181.6897	1.2196
08:10:19	350.55	4.31	412.21	162.39	94.02	72.22	937.12	19.9138	21.1669	20.4676	3.4531	6.6170	182.4851	1.2253
08:10:20	350.67	4.31	412.21	162.39	94.02	72.22	937.12	20.7103	21.9772	20.5807	3.4573	6.6252	183.2627	1.2310
08:10:21	350.67	4.31	412.21	162.39	94.02	72.22	937.12	20.7103	21.9772	20.5807	3.4614	6.6333	184.0404	1.2367
08:10:22	350.67	4.30	412.21	162.39	94.02	72.22	935.09	21.1882	22.4602	20.4676	3.4657	6.6417	184.7993	1.2424
08:10:23	350.67	4.30	412.21	159.95	92.80	72.22	770.34	21.1882	22.4602	20.4676	3.4700	6.6500	185.5583	1.2481
08:10:24	350.67	4.30	347.74	147.74	90.35	72.22	632.54	21.1882	22.4602	20.4676	3.4743	6.6583	186.3173	1.2538
08:10:25	350.67	4.38	348.23	119.66	85.47	72.46	674.75	21.1882	22.4555	20.3545	3.4787	6.6666	187.0693	1.2594
08:10:26	350.67	4.38	348.23	119.66	85.47	72.46	674.75	20.8696	22.1178	16.7360	3.4829	6.6748	187.6876	1.2641
08:10:27	350.67	4.49	347.74	106.23	81.81	72.46	667.12	19.2765	20.4295	13.5697	3.4868	6.6812	188.1890	1.2678
08:10:28	402.32	4.54	347.74	103.79	81.81	72.22	663.56	15.6124	16.5642	4.6363	3.4900	6.6864	188.3635	1.2691
08:10:29	402.32	4.54	347.74	103.79	81.81	72.22	663.56	15.6124	16.5642	4.6363	3.4932	6.6916	188.5381	1.2704
08:10:30	402.32	4.64	348.23	102.56	80.59	72.22	662.03	13.8600	14.7262	0.4523	3.4960	6.6962	188.5555	1.2705
08:10:31	402.32	4.64	348.23	102.56	78.14	72.46	660.51	13.5413	14.3995	0.1131	3.4992	6.7007	188.5600	1.2706
08:10:32	402.32	4.73	409.28	101.34	75.70	72.46	669.15	13.5413	14.3995	0.1131	3.5024	6.7052	188.5644	1.2706
08:10:33	402.32	4.76	410.26	101.34	75.70	72.46	669.15	13.3820	14.2492	0.1131	3.5055	6.7097	188.5689	1.2706
08:10:34	402.32	4.76	410.26	101.34	75.70	72.22	930.51	13.3820	14.2492	0.1131	3.5086	6.7142	188.5734	1.2707
08:10:35	402.32	4.81	410.26	136.75	84.25	72.22	1204.58	13.2227	14.0963	0.1131	3.5117	6.7193	188.5780	1.2707
08:10:36	402.32	4.81	410.26	164.84	87.91	72.46	1204.58	13.2227	14.1014	0.1131	3.5148	6.7245	188.5826	1.2707
08:10:37	402.20	4.81	410.26	164.84	87.91	72.46	1329.66	13.2227	14.1014	3.2793	3.5179	6.7297	188.7169	1.2716
08:10:38	402.20	4.83	409.77	239.32	107.45	72.22	1544.75	17.8427	19.0402	6.6718	3.5221	6.7368	188.9928	1.2735
08:10:39	379.36	4.85	409.77	356.53	139.19	72.22	1767.97	21.5069	22.9502	6.6718	3.5272	6.7452	189.2686	1.2753
08:10:40	379.36	4.86	410.26	954.82	305.25	72.22	1463.39	21.5069	22.9502	8.1418	3.5323	6.7537	189.6052	1.2776
08:10:41	379.36	4.88	410.26	908.42	315.02	72.22	1463.39	31.2248	33.3324	10.5165	3.5396	6.7660	190.0425	1.2805
08:10:42	379.24	4.88	410.26	908.42	315.02	72.22	1719.66	46.5186	49.6641	12.3258	3.5499	6.7843	190.5563	1.2839
08:10:43	379.24	4.85	472.77	1387.06	478.63	72.22	1105.93	124.5805	133.0251	16.3967	3.5775	6.8334	191.2414	1.2885
08:10:44	379.24	4.85	472.77	1387.06	478.63	72.22	1105.93	118.5267	126.6002	16.3967	3.6038	6.8801	191.9298	1.2930
08:10:45	379.24	4.85	472.28	1032.97	409.04	72.22	938.64	118.5267	126.6002	18.4322	3.6301	6.9268	192.7037	1.2982
08:10:46	379.36	4.84	472.77	579.98	288.16	72.22	952.68	180.9763	193.2336	21.2592	3.6702	7.0089	193.5912	1.3041

08:10:47	379.36	4.79	472.28	278.39	175.82	72.22	939.66	180.9763	193.2336	21.2592	3.7104	7.0911	194.4788	1.3100
08:10:48	337.36	4.76	472.28	233.21	148.96	72.22	939.66	134.7764	143.9047	20.3545	3.7402	7.1522	195.3286	1.3156
08:10:49	337.36	4.72	472.77	205.13	148.96	72.22	939.66	75.6723	80.7850	20.6938	3.7570	7.1866	196.1904	1.3214
08:10:50	337.36	4.72	472.77	205.13	131.87	72.22	937.12	36.3227	38.7508	20.4676	3.7651	7.2030	197.0339	1.3271
08:10:51	337.36	4.63	472.77	173.38	118.44	72.22	933.05	30.4282	32.4481	20.4676	3.7711	7.2168	197.8726	1.3328
08:10:52	337.36	4.56	412.70	168.50	118.44	72.22	933.05	26.7641	28.5245	20.4676	3.7763	7.2289	198.7038	1.3384
08:10:53	337.24	4.51	412.70	168.50	119.66	72.22	936.10	26.7641	28.5245	20.3545	3.7816	7.2411	199.5303	1.3441
08:10:54	337.36	4.46	412.70	166.06	119.66	72.22	938.64	22.6220	24.0813	20.3545	3.7860	7.2513	200.3411	1.3497
08:10:55	337.36	4.46	412.21	163.61	119.66	72.46	939.66	21.9848	23.3812	20.3545	3.7904	7.2600	201.1396	1.3554
08:10:56	337.36	4.39	412.70	163.61	119.66	72.46	941.70	21.9848	23.3667	20.4676	3.7947	7.2687	201.9343	1.3611
08:10:57	337.24	4.28	412.21	164.84	114.77	72.46	946.27	21.6662	23.0126	20.4676	3.7989	7.2772	202.7201	1.3668
08:10:58	337.24	4.28	412.21	164.84	114.77	72.46	946.27	21.3476	22.6742	20.4676	3.8031	7.2856	203.5059	1.3725
08:10:59	347.62	4.25	412.21	163.61	100.12	72.22	948.31	21.3476	22.6519	20.4676	3.8073	7.2940	204.2786	1.3781
08:11:00	347.62	4.21	412.21	161.17	96.46	72.22	948.31	21.5069	22.7891	20.5807	3.8115	7.3025	205.0369	1.3839
08:11:01	347.62	4.21	412.21	161.17	96.46	72.22	950.85	21.5069	22.7891	20.5807	3.8157	7.3109	205.7952	1.3896
08:11:02	347.62	4.23	412.21	156.29	95.24	72.22	952.88	21.3476	22.6102	20.6938	3.8200	7.3193	206.5514	1.3953
08:11:03	347.62	4.23	412.21	156.29	94.02	72.46	798.81	21.0289	22.2623	20.6938	3.8243	7.3276	207.3013	1.4011
08:11:04	347.62	4.26	354.09	139.19	86.69	72.46	683.90	21.0289	22.2623	20.6938	3.8285	7.3358	208.0513	1.4068
08:11:05	347.62	4.31	354.09	114.77	79.37	72.46	699.66	20.3917	21.5922	20.9200	3.8326	7.3438	208.8123	1.4126
08:11:06	347.62	4.38	354.09	114.77	79.37	72.22	682.88	20.3917	21.5922	17.4144	3.8367	7.3518	209.4457	1.4175
08:11:07	347.62	4.41	354.09	102.56	75.70	72.22	666.61	18.1614	19.2395	11.8735	3.8404	7.3579	209.8812	1.4208
08:11:08	347.62	4.41	354.09	102.56	75.70	72.22	666.61	14.9752	15.8732	8.5941	3.8434	7.3630	210.1996	1.4232
08:11:09	399.27	4.49	354.09	100.12	73.26	72.22	662.54	14.9752	15.8888	5.5410	3.8464	7.3681	210.4084	1.4247
08:11:10	399.27	4.52	354.09	98.90	73.26	72.22	664.58	13.3820	14.2044	0.7916	3.8491	7.3726	210.4385	1.4249
08:11:11	399.27	4.55	354.09	97.68	72.04	72.22	666.10	13.3820	14.2044	0.7916	3.8518	7.3771	210.4685	1.4251
08:11:12	399.27	4.62	354.58	96.46	69.60	72.22	666.10	13.0634	13.8811	0.1131	3.8549	7.3815	210.4729	1.4252
08:11:13	399.15	4.64	354.09	96.46	68.38	72.22	681.86	12.9041	13.7175	0.1131	3.8579	7.3859	210.4773	1.4252
08:11:14	399.27	4.68	405.86	97.68	68.38	72.22	1035.76	12.7448	13.5545	0.1131	3.8608	7.3902	210.4817	1.4252
08:11:15	399.27	4.71	406.35	105.01	73.26	72.22	1126.27	12.5855	13.3961	0.0000	3.8638	7.3945	210.4817	1.4252
08:11:16	399.39	4.74	406.35	137.97	80.59	72.22	1303.22	12.5855	13.4010	0.4523	3.8667	7.3987	210.4998	1.4254
08:11:17	399.27	4.75	405.86	175.82	87.91	71.98	1432.88	12.7448	13.5776	4.0709	3.8697	7.4037	210.6637	1.4265
08:11:18	375.34	4.77	405.86	515.26	179.49	72.22	1788.81	13.7007	14.6012	5.3148	3.8728	7.4090	210.8790	1.4280
08:11:19	375.34	4.77	405.86	515.26	179.49	72.22	1788.81	18.0020	19.1932	7.8026	3.8770	7.4161	211.1971	1.4301
08:11:20	375.34	4.80	406.35	791.21	256.41	72.22	1578.81	22.9406	24.4624	9.3857	3.8824	7.4250	211.5808	1.4327
08:11:21	375.34	4.80	405.86	868.13	299.15	72.22	1614.92	67.2289	71.7039	14.2482	3.8971	7.4512	212.1656	1.4367
08:11:22	375.46	4.80	405.86	1008.55	355.31	72.22	1781.19	67.2289	71.7039	14.2482	3.9119	7.4773	212.7504	1.4406
08:11:23	375.34	4.80	406.35	1197.80	421.25	71.98	1590.00	103.2330	110.1444	15.9444	3.9345	7.5176	213.4085	1.4451
08:11:24	375.34	4.80	406.35	1197.80	421.25	72.22	1590.00	113.2695	120.8529	17.1883	3.9593	7.5617	214.1181	1.4499
08:11:25	375.34	4.78	456.65	633.70	311.36	72.22	937.63	131.5900	140.4000	19.7892	3.9882	7.6129	214.9349	1.4554
08:11:26	375.34	4.75	456.65	289.38	195.36	72.22	945.76	156.2832	166.7464	20.6938	4.0225	7.6739	215.7892	1.4611
08:11:27	375.34	4.75	456.65	289.38	195.36	72.22	945.76	156.2832	166.7464	20.6938	4.0567	7.7348	216.6434	1.4668
08:11:28	375.34	4.73	456.65	238.10	168.50	71.98	949.32	82.6820	88.1902	20.3545	4.0748	7.7710	217.4795	1.4725
08:11:29	340.17	4.70	456.65	206.35	148.96	72.22	946.27	37.7565	40.2593	20.5807	4.0831	7.7876	218.3207	1.4782
08:11:30	340.17	4.66	456.17	183.15	131.87	72.22	943.73	37.7565	40.2593	20.5807	4.0914	7.8041	219.1620	1.4839
08:11:31	340.29	4.60	456.65	174.60	124.54	72.22	943.73	31.0655	33.1145	20.8069	4.0982	7.8177	220.0083	1.4897
08:11:32	340.29	4.60	456.65	174.60	124.54	72.22	943.73	26.9234	28.6870	20.5807	4.1035	7.8295	220.8406	1.4954
08:11:33	340.42	4.52	456.65	167.28	117.22	72.46	946.27	23.8965	25.4474	20.4676	4.1083	7.8399	221.6607	1.5011
08:11:34	340.17	4.39	408.30	164.84	112.33	72.22	946.27	22.7813	24.2410	20.5807	4.1128	7.8499	222.4750	1.5068
08:11:35	340.17	4.39	408.30	164.84	112.33	72.22	946.27	22.7813	24.2410	20.5807	4.1173	7.8598	223.2893	1.5126
08:11:36	340.17	4.36	408.30	164.84	112.33	72.22	945.25	21.8255	23.1987	20.5807	4.1216	7.8694	224.0891	1.5183
08:11:37	340.17	4.29	408.30	162.39	109.89	72.22	946.27	21.5069	22.8223	20.5807	4.1259	7.8777	224.8668	1.5240
08:11:38	340.17	4.26	408.30	161.17	107.45	72.22	947.80	21.5069	22.8223	20.5807	4.1301	7.8861	225.6444	1.5297
08:11:39	352.75	4.21	408.30	158.73	102.56	72.46	947.80	21.5069	22.8116	20.5807	4.1344	7.8945	226.4159	1.5354
08:11:40	352.75	4.21	408.30	158.73	102.56	72.22	947.80	21.1882	22.4528	20.5807	4.1386	7.9027	227.1748	1.5411
08:11:41	352.63	4.19	407.81	155.07	96.46	72.46	949.32	21.0289	22.2759	20.6938	4.1427	7.9109	227.9332	1.5469
08:11:42	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.7103	21.9230	20.6938	4.1469	7.9190	228.6817	1.5526
08:11:43	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.7103	21.9230	20.6938	4.1512	7.9270	229.4303	1.5584
08:11:44	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1553	7.9349	230.1754	1.5641
08:11:45	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1594	7.9427	230.9205	1.5699
08:11:46	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1636	7.9506	231.6656	1.5756
08:11:47	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1677	7.9584	232.4107	1.5814
08:11:48	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1718	7.9663	233.1558	1.5871
08:11:49	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1760	7.9741	233.9009	1.5929
08:11:50	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1801	7.9820	234.6460	1.5986
08:11:51	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1842	7.9898	235.3911	1.6044
08:11:52	352.63	4.19	407.81	155.07	96.46	72.46	949.32	20.2324	21.4115	20.6938	4.1884	7.9977	236.1362	1.6101
08:11:53	385.84	4.64	414.16	96.46	73.26	72.46	788.31	20.2324	21.4115	20.6938	4.1925	8.0055	236.8813	1.6159

08:11:54	385.96	4.64	414.16	98.90	74.48	72.22	994.07	20.2324	21.4115	20.6938	4.1967	8.0134	237.6263	1.6216
08:11:55	385.96	4.70	414.16	117.22	79.37	72.22	1144.58	20.2324	21.4115	20.6938	4.2008	8.0212	238.3714	1.6274
08:11:56	385.96	4.72	414.16	145.30	85.47	72.46	1255.93	12.5855	13.4006	0.9046	4.2036	8.0262	238.4076	1.6276
08:11:57	385.96	4.72	414.16	145.30	85.47	72.22	1255.93	12.9041	13.7399	3.8447	4.2065	8.0314	238.5611	1.6287
08:11:58	385.96	4.76	414.16	305.25	125.76	72.46	1598.14	15.2938	16.2969	5.7671	4.2100	8.0374	238.7943	1.6303
08:11:59	365.57	4.79	414.16	936.51	271.06	72.46	1721.19	18.9579	20.2077	7.2372	4.2142	8.0450	239.0885	1.6323
08:12:00	365.57	4.79	414.16	936.51	271.06	72.46	1721.19	18.9579	20.2077	7.2372	4.2185	8.0525	239.3826	1.6343
08:12:01	365.57	4.79	414.16	1191.70	337.00	72.46	1684.07	39.8275	42.4751	11.0819	4.2275	8.0683	239.8367	1.6374
08:12:02	365.57	4.80	414.16	1310.13	371.18	72.22	1698.31	122.1909	130.3557	16.6229	4.2536	8.1169	240.5217	1.6420
08:12:03	365.57	4.79	472.28	1376.07	398.05	72.46	1617.97	122.1909	130.3557	16.6229	4.2797	8.1654	241.2068	1.6466
08:12:04	365.57	4.79	472.28	1212.45	388.28	72.22	1131.36	155.4867	165.8764	17.9799	4.3129	8.2272	241.9478	1.6516
08:12:05	365.57	4.79	472.28	1212.45	388.28	72.22	1131.36	170.9397	182.3903	19.3368	4.3494	8.2951	242.7466	1.6570
08:12:06	365.69	4.76	472.28	426.13	229.55	72.22	959.49	179.5425	191.5396	20.9200	4.3877	8.3765	243.6088	1.6628
08:12:07	365.69	4.76	472.28	426.13	229.55	72.22	959.49	158.1949	168.7656	21.7115	4.4215	8.4482	244.5036	1.6688
08:12:08	327.84	4.70	472.28	234.43	158.73	72.22	942.71	158.1949	168.7656	21.7115	4.4553	8.5198	245.3983	1.6749
08:12:09	327.72	4.65	472.77	207.57	145.30	72.22	937.63	55.5992	59.2869	20.9200	4.4671	8.5450	246.2542	1.6807
08:12:10	327.72	4.62	472.77	189.26	134.31	72.46	937.63	55.5992	59.2869	20.9200	4.4790	8.5702	247.1100	1.6865
08:12:11	327.72	4.55	472.77	181.93	129.43	72.46	937.63	30.5875	32.5887	20.5807	4.4848	8.5841	247.9416	1.6922
08:12:12	327.72	4.50	472.77	177.05	125.76	72.22	939.66	27.0827	28.8367	20.5807	4.4900	8.5963	248.7648	1.6979
08:12:13	327.72	4.44	412.70	175.82	123.32	72.46	942.20	24.6931	26.2801	20.4676	4.4947	8.6075	249.5774	1.7036
08:12:14	327.84	4.40	412.21	174.60	122.10	72.46	944.24	23.7372	25.2406	20.4676	4.4993	8.6182	250.3783	1.7093
08:12:15	327.84	4.33	412.21	173.38	122.10	72.46	944.24	23.1000	24.5465	20.4676	4.5037	8.6287	251.1702	1.7150
08:12:16	327.72	4.27	412.70	175.82	118.44	72.46	948.81	22.9406	24.3583	20.5807	4.5080	8.6377	251.9562	1.7207
08:12:17	327.72	4.21	412.21	175.82	116.00	72.46	952.37	22.7813	24.1766	20.5807	4.5124	8.6467	252.7352	1.7264
08:12:18	332.23	4.17	412.70	174.60	111.11	72.46	952.37	22.6220	23.9840	20.5807	4.5167	8.6555	253.5012	1.7321
08:12:19	332.23	4.17	412.70	174.60	111.11	72.46	952.37	22.9406	24.3042	20.5807	4.5210	8.6646	254.2574	1.7378
08:12:20	332.36	4.16	412.70	173.38	108.23	72.22	955.42	22.9406	24.2840	20.8069	4.5254	8.6736	255.0107	1.7436
08:12:21	332.36	4.12	412.70	170.94	98.90	72.46	955.42	22.7813	24.1044	20.8069	4.5298	8.6825	255.7578	1.7494
08:12:22	332.23	4.14	412.70	163.61	92.80	72.46	734.24	22.7813	24.1044	20.8069	4.5342	8.6915	256.5049	1.7552
08:12:23	332.23	4.16	351.65	146.52	92.80	72.46	734.24	22.6220	23.9309	20.8069	4.5385	8.7003	257.2492	1.7610
08:12:24	332.23	4.16	351.65	146.52	89.13	72.46	668.14	22.3034	23.5828	20.9200	4.5428	8.7091	257.9912	1.7668
08:12:25	332.36	4.24	351.65	114.77	84.25	72.70	681.36	21.3476	22.5780	18.3191	4.5469	8.7175	258.6440	1.7719
08:12:26	332.36	4.28	351.65	109.89	83.03	72.46	674.24	19.1172	20.2243	18.3191	4.5506	8.7239	259.2999	1.7769
08:12:27	332.36	4.28	351.65	109.89	83.03	72.46	674.24	19.1172	20.2243	12.2127	4.5543	8.7303	259.7372	1.7803
08:12:28	332.36	4.36	351.65	106.23	80.59	72.46	672.71	14.9752	15.8596	3.9578	4.5572	8.7353	259.8817	1.7814
08:12:29	378.27	4.40	352.14	103.79	79.37	72.46	667.63	14.3379	15.1918	1.6962	4.5599	8.7401	259.9441	1.7819
08:12:30	378.39	4.52	351.65	101.34	76.92	72.70	666.61	14.3379	15.1918	1.6962	4.5627	8.7449	260.0065	1.7824
08:12:31	378.39	4.58	351.65	101.34	75.70	72.70	666.61	13.8600	14.7014	0.1131	4.5654	8.7495	260.0108	1.7824
08:12:32	378.39	4.58	351.65	101.34	75.70	72.70	667.63	13.5413	14.3721	0.0000	4.5683	8.7541	260.0108	1.7824
08:12:33	378.27	4.60	351.65	100.12	75.70	72.70	667.63	13.2227	14.0564	0.1131	4.5713	8.7585	260.0152	1.7824
08:12:34	378.39	4.65	404.40	101.34	76.92	72.70	988.46	13.2227	14.0666	0.1131	4.5742	8.7630	260.0196	1.7825
08:12:35	378.39	4.66	404.40	113.55	80.59	72.46	1096.27	13.2227	14.0666	0.1131	4.5771	8.7674	260.0241	1.7825
08:12:36	378.39	4.68	404.40	150.18	86.69	72.46	1265.09	13.0634	13.9021	0.1131	4.5800	8.7718	260.0286	1.7825
08:12:37	378.39	4.71	404.40	186.81	98.90	72.46	1394.24	13.2227	14.0804	3.8447	4.5829	8.7770	260.1824	1.7836
08:12:38	351.04	4.71	404.40	245.42	122.10	72.46	1651.02	14.8158	15.7793	4.9756	4.5862	8.7827	260.3819	1.7850
08:12:39	351.04	4.73	404.40	492.06	181.93	72.46	1862.04	19.5951	20.8748	7.2372	4.5905	8.7903	260.6733	1.7870
08:12:40	351.04	4.73	404.40	862.03	279.61	72.46	1811.70	24.3744	25.9756	8.8203	4.5959	8.7997	261.0306	1.7894
08:12:41	351.16	4.72	404.40	1211.23	385.84	72.46	1682.54	32.0213	34.1231	10.5165	4.6024	8.8121	261.4566	1.7924
08:12:42	351.04	4.72	404.40	1218.56	417.56	72.70	1626.61	64.2020	68.4371	13.4566	4.6156	8.8370	262.0044	1.7961
08:12:43	351.04	4.70	404.40	1151.40	405.37	72.70	1681.02	112.4729	119.8923	16.7360	4.6386	8.8806	262.6857	1.8007
08:12:44	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	158.0356	168.4345	18.0929	4.6710	8.9419	263.4204	1.8058
08:12:45	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	158.9915	169.4532	19.2237	4.7036	9.0035	264.2010	1.8111
08:12:46	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	150.2294	160.0733	20.4676	4.7343	9.0617	265.0287	1.8168
08:12:47	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	136.6880	145.6445	21.4854	4.7623	9.1213	265.8976	1.8228
08:12:48	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	136.6880	145.6445	21.4854	4.7903	9.1809	266.7664	1.8287
08:12:49	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	136.6880	145.6445	21.4854	4.8183	9.2404	267.6353	1.8347
08:12:50	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	136.6880	145.6445	21.4854	4.8463	9.3000	268.5041	1.8407
08:12:51	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	136.6880	145.6445	21.4854	4.8743	9.3595	269.3730	1.8466
08:12:52	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	136.6880	145.6445	21.4854	4.9023	9.4191	270.2418	1.8526
08:12:53	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	136.6880	145.6445	21.4854	4.9303	9.4786	271.1107	1.8586
08:12:54	351.04	4.70	454.70	1047.62	388.28	72.70	1139.49	136.6880	145.6445	21.4854	4.9583	9.5382	271.9795	1.8645
08:12:55	309.89	4.24	400.00	164.84	98.90	72.46	945.25	136.6880	145.6445	21.4854	4.9863	9.5978	272.8484	1.8705
08:12:56	309.89	4.14	400.49	152.63	91.58	72.70	953.39	136.6880	145.6445	21.4854	5.0142	9.6573	273.7172	1.8765
08:12:57	309.89	4.14	400.49	152.63	91.58	72.70	953.39	136.6880	145.6445	21.4854	5.0422	9.7169	274.5861	1.8825
08:12:58	323.32	4.05	399.51	142.86	87.91	72.46	946.78	21.5069	22.7738	20.5807	5.0461	9.7251	275.3361	1.8882
08:12:59	323.32	4.01	400.00	139.19	86.69	72.46	938.14	19.9138	21.0596	20.8069	5.0497	9.7327	276.0769	1.8939
08:13:00	323.44	4.01	399.51	137.97	86.69	72.46	934.58	19.9138	21.0596	20.8069	5.0532	9.7402	276.8177	1.8997

08:13:01	323.44	4.01	399.51	137.97	86.69	72.46	934.58	18.6393	19.6888	20.5807	5.0567	9.7473	277.5345	1.9054
08:13:02	323.32	4.01	399.51	135.53	84.25	72.46	833.90	18.1614	19.1750	20.4676	5.0601	9.7542	278.2412	1.9111
08:13:03	323.44	4.01	400.00	126.98	83.03	72.46	667.12	18.0020	19.0068	20.3545	5.0635	9.7610	278.9440	1.9168
08:13:04	323.32	4.09	345.79	106.23	75.70	72.46	682.37	18.0020	19.0068	20.3545	5.0669	9.7679	279.6468	1.9224
08:13:05	323.32	4.09	345.79	106.23	75.70	72.46	682.37	17.6834	18.6704	18.2060	5.0702	9.7746	280.2754	1.9275
08:13:06	323.32	4.12	346.28	102.56	70.82	72.46	684.41	16.5683	17.4930	14.3613	5.0733	9.7809	280.7713	1.9315
08:13:07	323.32	4.19	345.79	97.68	64.71	72.46	671.70	13.8600	14.6487	6.1064	5.0759	9.7854	280.9862	1.9332
08:13:08	323.44	4.23	345.79	95.24	63.49	72.46	671.70	13.8600	14.6487	6.1064	5.0784	9.7900	281.2012	1.9349
08:13:09	367.40	4.31	346.28	94.02	63.49	72.46	669.15	13.3820	14.1480	3.2793	5.0810	9.7944	281.3173	1.9358
08:13:10	367.40	4.33	345.79	92.80	64.71	72.46	669.15	12.7448	13.4868	1.0177	5.0833	9.7986	281.3539	1.9361
08:13:11	367.40	4.40	345.79	92.80	64.71	72.46	669.15	12.4262	13.1572	0.1131	5.0857	9.8027	281.3580	1.9361
08:13:12	367.40	4.45	346.28	92.80	62.27	72.46	798.81	12.2669	13.0043	0.1131	5.0883	9.8067	281.3622	1.9361
08:13:13	367.40	4.45	346.28	92.80	62.27	72.46	798.81	12.1076	12.8388	0.1131	5.0909	9.8107	281.3664	1.9362
08:13:14	367.28	4.48	394.14	94.02	64.71	72.22	1028.64	12.1076	12.8507	0.0000	5.0935	9.8147	281.3664	1.9362
08:13:15	367.40	4.51	394.14	105.01	72.04	72.22	1188.31	12.1076	12.8580	1.2439	5.0960	9.8187	281.4140	1.9365
08:13:16	367.28	4.51	394.14	128.21	78.14	72.22	1318.48	12.1076	12.8580	1.2439	5.0986	9.8227	281.4616	1.9369
08:13:17	367.40	4.54	393.65	196.58	94.02	71.98	1539.15	12.2669	13.0326	4.0709	5.1012	9.8273	281.6184	1.9380
08:13:18	367.40	4.54	393.65	196.58	94.02	72.22	1539.15	13.7007	14.5612	6.2194	5.1042	9.8325	281.8595	1.9397
08:13:19	342.00	4.54	394.14	516.48	175.82	72.22	1178.65	16.7276	17.7782	7.9157	5.1078	9.8388	282.1663	1.9419
08:13:20	342.25	4.56	394.14	492.06	211.23	72.22	1633.73	25.6489	27.2711	10.2904	5.1132	9.8485	282.5679	1.9448
08:13:21	342.25	4.56	394.14	492.06	211.23	72.22	1633.73	25.6489	27.2711	10.2904	5.1187	9.8581	282.9695	1.9476
08:13:22	342.25	4.56	394.14	663.00	249.08	72.22	1821.36	67.3882	71.6469	13.4566	5.1321	9.8835	283.4947	1.9514
08:13:23	342.25	4.53	440.05	1410.26	542.12	72.22	1108.98	64.2020	68.2841	16.6229	5.1449	9.9077	284.1474	1.9560
08:13:24	342.25	4.52	439.56	866.91	405.37	72.22	963.05	64.2020	68.2841	16.6229	5.1577	9.9319	284.8001	1.9606
08:13:25	342.12	4.48	440.05	589.74	316.24	72.22	955.93	86.5054	92.0057	18.9976	5.1750	9.9645	285.5460	1.9659
08:13:26	342.25	4.44	440.05	413.92	253.97	72.22	944.75	184.0031	195.6116	22.3900	5.2116	10.0419	286.4184	1.9721
08:13:27	342.25	4.40	440.05	280.83	190.48	72.22	940.17	113.1102	120.2275	21.1461	5.2342	10.0895	287.2401	1.9780
08:13:28	342.25	4.40	440.05	280.83	190.48	72.22	940.17	76.9468	81.7505	20.9200	5.2495	10.1218	288.0468	1.9838
08:13:29	304.27	4.38	440.54	231.99	162.39	72.46	937.12	54.0061	57.3421	20.5807	5.2602	10.1445	288.8320	1.9895
08:13:30	304.40	4.27	440.05	178.27	119.66	72.22	934.07	36.6413	38.8885	20.5807	5.2675	10.1599	289.6118	1.9952
08:13:31	304.40	4.22	440.05	163.61	107.45	72.22	936.10	36.6413	38.8885	20.5807	5.2748	10.1753	290.3915	2.0009
08:13:32	304.40	4.22	440.05	163.61	107.45	72.22	936.10	30.2689	32.1131	20.3545	5.2801	10.1880	291.1585	2.0066
08:13:33	304.40	4.15	384.37	151.40	100.12	72.46	940.17	23.2593	24.6407	20.3545	5.2842	10.1978	291.9065	2.0122
08:13:34	304.40	4.08	383.88	145.30	96.46	72.22	943.73	21.3476	22.6002	20.4676	5.2880	10.2067	292.6496	2.0179
08:13:35	304.40	4.03	384.37	139.19	92.80	72.22	948.81	21.3476	22.6002	20.4676	5.2918	10.2157	293.3927	2.0236
08:13:36	304.40	3.91	383.88	135.53	90.35	72.22	953.90	19.7544	20.8941	20.4676	5.2953	10.2229	294.1235	2.0293
08:13:37	304.40	3.87	383.88	135.53	90.35	72.22	953.90	18.9579	20.0340	20.5807	5.2986	10.2298	294.8466	2.0350
08:13:38	304.40	3.87	383.88	137.97	90.35	72.22	957.97	18.1614	19.1773	20.6938	5.3018	10.2364	295.5632	2.0408
08:13:39	324.30	3.84	383.88	139.19	90.35	72.22	952.88	17.6834	18.6436	20.9200	5.3049	10.2429	296.2665	2.0466
08:13:40	324.30	3.82	384.37	137.97	91.58	72.22	947.80	17.6834	18.6330	20.9200	5.3080	10.2493	296.9621	2.0524
08:13:41	324.30	3.80	384.37	139.19	91.58	72.22	945.76	18.0020	18.9687	20.9200	5.3112	10.2558	297.6578	2.0582
08:13:42	324.30	3.82	383.88	139.19	91.58	72.46	945.76	18.1614	19.1304	20.8069	5.3146	10.2624	298.3447	2.0640
08:13:43	324.30	3.82	383.88	140.42	90.35	72.46	738.31	18.0020	18.9576	20.5807	5.3179	10.2690	299.0208	2.0697
08:13:44	324.30	3.83	326.74	125.76	87.91	72.46	716.95	18.1614	19.1205	20.5807	5.3213	10.2756	299.6934	2.0754
08:13:45	324.30	3.86	326.25	119.66	86.69	72.46	699.66	18.1614	19.1264	20.5807	5.3247	10.2822	300.3701	2.0811
08:13:46	324.30	3.96	326.74	107.45	81.81	72.46	679.83	18.3207	19.2942	15.9444	5.3281	10.2889	300.8944	2.0856
08:13:47	324.42	4.01	326.25	105.01	81.81	72.46	676.27	16.4089	17.2836	10.6296	5.3312	10.2940	301.2450	2.0885
08:13:48	377.41	4.01	326.25	105.01	80.59	72.46	669.15	15.6124	16.4505	8.0287	5.3341	10.2988	301.5117	2.0907
08:13:49	377.41	4.14	326.74	102.56	78.14	72.46	663.56	14.0193	14.7903	3.7317	5.3368	10.3031	301.6386	2.0918
08:13:50	377.29	4.19	326.74	102.56	78.14	72.46	663.56	13.7007	14.4639	1.9224	5.3393	10.3074	301.7049	2.0923
08:13:51	377.29	4.19	326.25	101.34	75.70	72.46	665.08	13.7007	14.4653	0.4523	5.3423	10.3116	301.7205	2.0924
08:13:52	377.41	4.25	326.25	98.90	73.26	72.46	665.08	13.3820	14.1545	0.0000	5.3452	10.3158	301.7205	2.0924
08:13:53	377.29	4.33	382.42	97.68	70.82	72.22	666.10	13.3820	14.1626	0.0000	5.3482	10.3199	301.7205	2.0924
08:13:54	377.29	4.33	381.93	97.68	69.60	72.46	666.10	13.2227	13.9940	0.1131	5.3511	10.3240	301.7246	2.0925
08:13:55	377.29	4.33	381.93	97.68	69.60	72.46	666.10	12.9041	13.6688	0.1131	5.3539	10.3281	301.7287	2.0925
08:13:56	377.41	4.35	381.93	97.68	68.38	72.46	666.10	12.7448	13.5133	0.0000	5.3567	10.3327	301.7287	2.0925
08:13:57	377.53	4.40	382.42	97.68	65.93	72.22	666.10	12.7448	13.5133	0.1131	5.3595	10.3373	301.7329	2.0925
08:13:58	370.21	4.41	381.93	97.68	65.93	72.22	666.10	12.7448	13.5133	0.1131	5.3623	10.3420	301.7371	2.0926

11-MAY-94 08:29 LACMTA Emissions Testing Facility

Test : EPA URBAN DYNO DRIVING SCHED FOR HD VEH
Test number : 1067
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	4.4	5.0	13.9	0.14	0.003	0.008	0.04	3.40	48.40	72.86	24.05	0.0	0.000	0.0	1.21	3.74	196.6	0.0	0.0	0.0
1 DL	4.3	5.0	13.7	0.14	0.003	0.008	0.04	3.41	48.40	72.65	24.03	0.0	0.000	0.0	1.21	3.76	196.6	0.0	0.0	0.0
2 DL	4.3	4.9	13.7	0.14	0.003	0.008	0.04	3.42	48.41	72.50	24.01	0.0	0.000	0.0	1.22	3.66	196.7	0.0	0.0	0.0
3 DL	4.3	4.9	14.0	0.14	0.003	0.008	0.04	3.43	48.41	72.32	23.99	0.0	0.000	0.0	1.22	3.64	196.7	0.0	0.0	0.0
4 DL	4.2	4.9	13.8	0.14	0.003	0.008	0.04	3.44	48.41	72.26	23.99	0.0	0.000	0.0	1.22	3.63	196.8	0.0	0.0	0.0
5 DL	4.2	4.8	13.8	0.14	0.003	0.008	0.04	3.43	48.41	72.32	23.99	0.0	0.000	0.0	1.22	3.69	196.9	0.0	0.0	0.0
6 DL	4.2	4.8	13.6	0.14	0.003	0.008	0.04	3.43	48.41	72.36	24.00	0.0	0.000	0.0	1.22	3.86	196.9	0.0	0.0	0.0
7 DL	4.1	4.8	13.6	0.14	0.003	0.008	0.04	3.43	48.42	72.38	24.00	0.0	0.000	0.0	1.22	3.80	196.9	0.0	0.0	0.0
8 DL	4.1	4.8	13.8	0.14	0.003	0.008	0.04	3.42	48.42	72.45	24.01	0.0	0.000	0.0	1.22	3.78	196.9	0.0	0.0	0.0
9 DL	4.0	4.9	13.9	0.14	0.003	0.008	0.04	3.42	48.41	72.52	24.02	0.0	0.000	0.0	1.22	3.80	196.8	0.0	0.0	0.0
10 DL	4.0	4.9	14.1	0.14	0.003	0.008	0.04	3.42	48.41	72.45	24.01	0.0	0.000	0.0	1.22	4.05	196.7	0.0	0.0	0.0
11 DL	3.9	5.0	14.4	0.14	0.003	0.008	0.04	3.45	48.42	72.13	23.97	0.0	0.000	0.0	1.23	3.86	196.7	0.0	0.0	0.0
12 DL	3.9	5.0	14.3	0.14	0.003	0.008	0.04	3.47	48.42	71.81	23.93	0.0	0.000	0.0	1.23	3.87	196.7	0.0	0.0	0.0
13 DL	3.9	5.0	14.1	0.14	0.003	0.008	0.04	3.48	48.41	71.63	23.91	0.0	0.000	0.0	1.24	3.92	196.6	0.0	0.0	0.0
14 DL	3.8	5.0	14.3	0.14	0.003	0.008	0.04	3.49	48.41	71.42	23.89	0.0	0.000	0.0	1.24	4.00	196.7	0.0	0.0	0.0
15 DL	3.8	5.0	14.3	0.14	0.003	0.008	0.04	3.50	48.41	71.29	23.87	0.0	0.000	0.0	1.25	4.07	196.7	0.0	0.0	0.0
16 DL	3.8	4.9	14.0	0.14	0.003	0.008	0.04	3.51	48.42	71.21	23.86	0.0	0.000	0.0	1.25	4.12	196.7	0.0	0.0	0.0
17 DL	3.8	5.0	14.2	0.14	0.003	0.008	0.04	3.50	48.41	71.24	23.87	0.0	0.000	0.0	1.25	3.97	196.6	0.0	0.0	0.0
18 DL	3.7	5.0	14.1	0.14	0.003	0.008	0.04	3.51	48.42	71.22	23.87	0.0	0.000	0.0	1.25	3.85	196.6	0.0	0.0	0.0
19 DL	3.7	5.0	14.2	0.14	0.003	0.008	0.04	3.51	48.41	71.11	23.85	0.0	0.000	0.0	1.25	3.94	196.6	0.0	0.0	0.0
20 DL	3.7	5.0	14.2	0.14	0.003	0.008	0.04	3.51	48.41	71.07	23.85	0.0	0.000	0.0	1.25	4.03	196.6	0.0	0.0	0.0
21 DL	3.6	4.9	14.2	0.14	0.003	0.008	0.04	3.53	48.42	70.85	23.82	0.0	0.000	0.0	1.26	4.06	196.6	0.0	0.0	0.0
22 DL	3.6	4.9	14.3	0.14	0.003	0.008	0.04	3.63	48.41	69.38	23.66	0.0	0.000	0.0	1.29	3.82	196.7	0.0	0.0	0.0
23 DL	3.6	5.0	14.3	0.14	0.003	0.008	0.04	3.60	48.42	69.76	23.70	0.0	0.000	0.0	1.28	3.91	196.6	0.0	0.0	0.0
24 DL	3.6	5.3	15.3	0.14	0.003	0.008	0.04	3.59	48.42	69.93	23.72	0.0	0.000	0.0	1.28	4.02	196.6	0.0	0.0	0.0
25 DL	3.7	6.7	17.7	0.15	0.003	0.011	0.05	3.68	48.42	68.57	23.56	0.0	0.000	1.6	1.07	3.94	196.6	0.0	0.0	0.0
26 DL	3.9	9.4	20.4	0.16	0.003	0.015	0.05	3.92	48.42	65.35	23.21	0.0	0.001	3.7	2.63	4.53	196.6	0.0	0.0	0.0
27 DL	4.2	10.9	21.4	0.17	0.003	0.017	0.06	4.29	48.42	60.92	22.74	0.0	0.001	3.9	2.49	7.76	196.6	0.0	0.0	0.0
28 DL	4.3	12.2	21.0	0.18	0.003	0.019	0.06	4.60	48.42	57.65	22.40	0.0	0.001	4.4	2.67	6.01	196.6	0.0	0.0	0.0
29 DL	4.7	20.7	27.3	0.19	0.004	0.033	0.07	4.87	48.42	54.97	22.13	0.0	0.001	5.4	3.06	4.05	196.6	0.0	0.0	0.0
30 DL	5.6	36.2	35.6	0.22	0.004	0.058	0.09	5.62	48.42	48.75	21.52	0.0	0.002	7.3	3.56	7.07	196.6	0.0	0.0	0.0
31 DL	6.2	46.1	32.4	0.27	0.005	0.074	0.08	6.73	48.41	41.86	20.90	0.0	0.002	8.1	3.38	14.36	196.5	0.0	0.0	0.0
32 DL	6.5	49.1	23.6	0.29	0.005	0.078	0.06	7.25	48.41	39.23	20.67	0.0	0.002	6.9	2.65	14.36	196.5	0.0	0.0	0.0
33 DL	7.1	56.8	28.1	0.28	0.006	0.091	0.07	7.13	48.41	39.70	20.71	0.0	0.002	8.1	3.13	6.80	196.6	0.0	0.0	0.0
34 DL	7.7	61.9	37.7	0.30	0.006	0.099	0.10	7.62	48.40	37.49	20.52	0.0	0.003	9.8	3.55	9.87	196.6	0.0	0.0	0.0
35 DL	7.8	59.4	31.9	0.34	0.006	0.095	0.08	8.51	48.40	34.13	20.24	0.0	0.003	9.9	3.23	12.34	196.6	0.0	0.0	0.0
36 DL	8.7	66.2	28.1	0.34	0.007	0.106	0.07	8.63	48.39	33.62	20.20	0.0	0.003	9.1	2.93	5.75	196.7	0.0	0.0	0.0
37 DL	10.6	80.7	44.8	0.36	0.008	0.129	0.12	8.94	48.41	32.52	20.10	0.0	0.003	11.2	3.42	7.09	196.7	0.0	0.0	0.0
38 DL	12.0	85.3	61.3	0.42	0.009	0.136	0.16	10.64	48.40	27.97	19.74	0.0	0.004	13.3	3.41	13.77	196.9	0.0	0.0	0.0
39 DL	12.1	75.8	57.8	0.50	0.010	0.121	0.15	12.57	48.38	24.11	19.45	0.0	0.004	15.1	3.33	12.10	196.9	0.0	0.0	0.0
40 DL	11.1	61.2	37.3	0.52	0.009	0.097	0.10	12.99	48.36	23.44	19.41	0.0	0.004	14.8	3.20	7.07	196.9	0.0	0.0	0.0
41 DL	9.9	48.2	18.9	0.47	0.008	0.077	0.05	11.67	48.37	25.94	19.59	0.0	0.004	14.0	3.36	3.79	196.9	0.0	0.0	0.0
42 DL	9.0	37.8	8.9	0.38	0.007	0.060	0.02	9.57	48.37	31.06	19.99	0.0	0.004	13.6	3.98	2.26	196.9	0.0	0.0	0.0
43 DL	8.3	30.0	6.2	0.30	0.007	0.048	0.02	7.50	48.37	38.47	20.60	0.0	0.004	13.2	4.92	1.63	196.9	0.0	0.0	0.0
44 DL	8.0	25.4	8.8	0.24	0.006	0.041	0.02	5.90	48.38	46.97	21.36	0.0	0.004	13.1	6.20	1.71	196.9	0.0	0.0	0.0
45 DL	8.0	23.3	18.3	0.21	0.006	0.037	0.05	5.21	48.39	51.92	21.83	0.0	0.004	13.9	7.43	2.54	197.0	0.0	0.0	0.0

46	DL	8.0	21.4	25.2	0.22	0.006	0.034	0.07	5.45	48.38	50.13	21.66	0.0	0.004	14.4	7.35	5.61	197.0	0.0	0.0	0.0
47	DL	7.7	18.9	23.3	0.24	0.006	0.030	0.06	5.90	48.37	46.98	21.37	0.0	0.004	14.3	6.82	6.39	197.1	0.0	0.0	0.0
48	DL	7.4	16.7	16.1	0.24	0.006	0.027	0.04	5.91	48.38	46.95	21.37	0.0	0.004	13.6	6.44	4.78	197.1	0.0	0.0	0.0
49	DL	7.2	15.9	9.1	0.21	0.006	0.025	0.02	5.36	48.37	50.88	21.73	0.0	0.004	13.2	6.89	2.85	197.0	0.0	0.0	0.0
50	DL	7.5	19.0	10.0	0.19	0.006	0.030	0.03	4.65	48.38	56.93	22.32	0.0	0.004	13.1	7.82	1.97	196.9	0.0	0.0	0.0
51	DL	8.0	26.3	21.7	0.18	0.006	0.042	0.06	4.51	48.38	58.13	22.44	0.0	0.004	14.2	8.75	4.34	196.9	0.0	0.0	0.0
52	DL	8.4	40.7	33.4	0.21	0.007	0.065	0.09	5.33	48.38	50.74	21.70	0.0	0.004	14.4	7.48	11.75	197.0	0.0	0.0	0.0
53	DL	9.1	63.1	46.5	0.27	0.007	0.101	0.12	6.79	48.38	41.38	20.84	0.0	0.004	15.5	6.25	9.47	197.0	0.0	0.0	0.0
54	DL	9.7	75.3	56.4	0.35	0.008	0.120	0.15	8.82	48.38	33.07	20.14	0.0	0.005	16.9	5.27	14.72	197.1	0.0	0.0	0.0
55	DL	9.9	69.7	53.4	0.43	0.008	0.111	0.14	10.75	48.37	27.76	19.73	0.0	0.005	17.8	4.60	12.72	197.0	0.0	0.0	0.0
56	DL	9.9	59.2	42.9	0.46	0.008	0.094	0.11	11.62	48.35	25.91	19.59	0.0	0.005	18.0	4.32	6.46	196.9	0.0	0.0	0.0
57	DL	10.2	53.8	42.3	0.46	0.008	0.086	0.11	11.60	48.36	25.99	19.60	0.0	0.005	18.3	4.40	3.51	196.9	0.0	0.0	0.0
58	DL	10.9	49.8	48.2	0.47	0.009	0.079	0.13	11.81	48.36	25.59	19.57	0.0	0.005	19.4	4.57	4.82	197.0	0.0	0.0	0.0
59	DL	11.0	42.6	39.4	0.49	0.009	0.068	0.10	12.16	48.34	24.95	19.52	0.0	0.006	19.8	4.56	5.88	197.1	0.0	0.0	0.0
60	DL	10.7	34.8	21.4	0.46	0.008	0.055	0.06	11.43	48.34	26.45	19.64	0.0	0.005	18.8	4.62	3.88	197.1	0.0	0.0	0.0
61	DL	10.3	28.9	9.6	0.38	0.008	0.046	0.03	9.53	48.34	31.18	20.01	0.0	0.005	18.2	5.36	2.15	197.1	0.0	0.0	0.0
62	DL	9.7	24.3	5.5	0.30	0.008	0.039	0.01	7.53	48.35	38.33	20.60	0.0	0.005	17.7	6.57	1.47	197.1	0.0	0.0	0.0
63	DL	9.2	20.0	4.0	0.24	0.007	0.032	0.01	5.96	48.35	46.69	21.33	0.0	0.004	15.6	7.36	1.32	197.1	0.0	0.0	0.0
64	DL	8.6	16.4	3.1	0.19	0.007	0.026	0.01	4.66	48.35	56.98	22.31	0.0	0.004	15.5	9.27	1.31	197.1	0.0	0.0	0.0
65	DL	8.0	14.3	3.1	0.14	0.006	0.023	0.01	3.61	48.34	69.28	23.62	0.0	0.004	14.9	11.50	1.23	197.3	0.0	0.0	0.0
66	DL	7.8	14.4	3.9	0.12	0.006	0.023	0.01	2.97	48.36	79.74	24.86	0.0	0.004	14.4	13.53	1.37	197.4	0.0	0.0	0.0
67	DL	8.0	18.3	6.8	0.11	0.006	0.029	0.02	2.67	48.36	85.40	25.59	0.0	0.004	14.7	15.18	1.65	197.4	0.0	0.0	0.0
68	DL	8.4	23.8	11.9	0.11	0.007	0.038	0.03	2.77	48.36	83.07	25.28	0.0	0.004	13.6	13.60	6.00	197.5	0.0	0.0	0.0
69	DL	8.8	30.5	14.3	0.12	0.007	0.049	0.04	3.12	48.36	76.10	24.41	0.0	0.004	14.1	12.25	8.09	197.6	0.0	0.0	0.0
70	DL	8.7	36.0	18.0	0.14	0.007	0.057	0.05	3.56	48.35	69.06	23.58	0.0	0.004	14.4	11.12	9.19	197.6	0.0	0.0	0.0
71	DL	8.3	35.1	14.1	0.16	0.007	0.056	0.04	4.02	48.35	63.15	22.95	0.0	0.004	13.5	9.29	14.08	197.6	0.0	0.0	0.0
72	DL	7.8	30.0	8.1	0.16	0.006	0.048	0.02	3.94	48.35	64.35	23.08	0.0	0.004	13.2	9.27	7.03	197.6	0.0	0.0	0.0
73	DL	7.3	25.2	7.5	0.14	0.006	0.040	0.02	3.45	48.36	71.15	23.83	0.0	0.004	13.1	10.54	3.50	197.5	0.0	0.0	0.0
74	DL	7.0	21.6	9.5	0.12	0.006	0.034	0.02	3.13	48.36	76.43	24.46	0.0	0.003	9.4	8.45	3.20	197.4	0.0	0.0	0.0
75	DL	6.7	18.5	7.7	0.12	0.005	0.030	0.02	2.98	48.35	79.28	24.81	0.0	0.002	6.2	5.91	3.42	197.4	0.0	0.0	0.0
76	DL	6.5	19.1	9.7	0.11	0.005	0.030	0.03	2.79	48.34	82.86	25.26	0.0	0.001	3.3	3.36	2.50	197.5	0.0	0.0	0.0
77	DL	6.7	33.9	20.8	0.12	0.005	0.054	0.05	2.97	48.35	78.94	24.74	0.0	0.001	5.4	4.82	3.18	197.6	0.0	0.0	0.0
78	DL	7.7	61.6	40.8	0.17	0.006	0.098	0.11	4.18	48.37	61.19	22.66	0.0	0.002	7.6	4.90	9.14	197.7	0.0	0.0	0.0
79	DL	8.5	78.9	50.8	0.26	0.007	0.126	0.13	6.50	48.37	42.89	20.94	0.0	0.003	9.7	4.04	17.61	197.8	0.0	0.0	0.0
80	DL	8.6	74.4	40.9	0.34	0.007	0.119	0.11	8.57	48.35	33.80	20.21	0.0	0.003	10.5	3.38	16.93	197.8	0.0	0.0	0.0
81	DL	8.7	60.6	23.0	0.36	0.007	0.097	0.06	9.01	48.34	32.43	20.10	0.0	0.003	9.4	2.92	7.90	197.8	0.0	0.0	0.0
82	DL	8.8	48.3	14.6	0.32	0.007	0.077	0.04	8.02	48.35	36.00	20.40	0.0	0.003	9.2	3.18	3.53	197.6	0.0	0.0	0.0
83	DL	8.9	39.0	16.0	0.28	0.007	0.062	0.04	7.00	48.35	40.51	20.79	0.0	0.003	9.6	3.79	2.64	197.6	0.0	0.0	0.0
84	DL	8.9	32.5	16.4	0.26	0.007	0.052	0.04	6.51	48.35	43.09	21.02	0.0	0.003	9.7	4.16	2.39	197.6	0.0	0.0	0.0
85	DL	9.3	37.1	15.7	0.25	0.007	0.059	0.04	6.19	48.35	44.86	21.17	0.0	0.003	9.1	4.10	2.23	197.6	0.0	0.0	0.0
86	DL	10.6	60.9	29.6	0.24	0.008	0.097	0.08	6.14	48.36	44.81	21.15	0.0	0.003	9.8	4.32	2.53	197.6	0.0	0.0	0.0
87	DL	12.1	96.7	59.0	0.30	0.010	0.154	0.15	7.64	48.36	37.22	20.46	0.0	0.003	11.8	4.19	12.56	197.7	0.0	0.0	0.0
88	DL	13.4	128.9	109.3	0.44	0.011	0.205	0.29	11.05	48.36	27.00	19.64	0.0	0.004	14.8	3.62	16.90	197.8	0.0	0.0	0.0
89	DL	14.8	135.9	164.7	0.65	0.012	0.217	0.43	16.17	48.35	19.15	19.06	0.0	0.005	17.7	3.00	18.45	197.9	0.0	0.0	0.0
90	DL	15.5	118.6	165.9	0.86	0.012	0.189	0.43	21.42	48.34	14.71	18.76	0.0	0.006	20.3	2.63	18.25	198.0	0.0	0.0	0.0
91	DL	14.8	94.2	115.0	0.95	0.012	0.150	0.30	23.73	48.30	13.35	18.67	0.0	0.006	22.1	2.60	12.35	198.1	0.0	0.0	0.0
92	DL	13.3	72.2	71.0	0.89	0.010	0.115	0.19	22.29	48.28	14.21	18.73	0.0	0.006	21.8	2.75	6.58	198.2	0.0	0.0	0.0
93	DL	11.8	58.3	50.1	0.76	0.009	0.093	0.13	19.07	48.30	16.49	18.90	0.0	0.006	22.2	3.27	3.68	198.2	0.0	0.0	0.0
94	DL	10.9	63.4	49.3	0.65	0.009	0.101	0.13	16.18	48.31	19.18	19.09	0.0	0.006	22.6	3.91	3.12	198.2	0.0	0.0	0.0
95	DL	10.9	92.0	65.1	0.60	0.009	0.147	0.17	14.94	48.32	20.52	19.18	0.0	0.006	22.5	4.19	5.27	198.2	0.0	0.0	0.0
96	DL	11.6	128.9	91.5	0.63	0.009	0.205	0.24	15.89	48.33	19.32	19.09	0.0	0.007	24.1	4.18	13.02	198.3	0.0	0.0	0.0
97	DL	13.0	148.3	145.3	0.76	0.010	0.236	0.38	18.92	48.34	16.46	18.88	0.0	0.007	26.2	3.82	13.93	198.4	0.0	0.0	0.0
98	DL	14.8	141.7	192.6	0.94	0.012	0.226	0.50	23.48	48.33	13.47	18.67	0.0	0.008	28.6	3.37	11.90	198.5	0.0	0.0	0.0
99	DL	15.9	123.5	205.2	1.09	0.013	0.197	0.54	27.37	48.30	11.64	18.55	0.0	0.009	30.7	3.13	10.70	198.6	0.0	0.0	0.0
100	DL	15.9	103.9	169.2	1.15	0.013	0.165	0.44	28.80	48.26	11.10	18.52	0.0	0.009	31.5	3.07	9.11	198.7	0.0	0.0	0.0
101	DL	15.2	87.3	119.8	1.11	0.012	0.139	0.31	27.80	48.25	11.50	18.55	0.0	0.009	32.7	3.29	6.42	198.7	0.0	0.0	0.0
102	DL	14.1	76.6	91.5	1.01	0.011	0.122	0.24	25.14	48.25	12.67	18.63	0.0	0.009	32.9	3.67	4.35	198.8	0.0	0.0	0.0
103	DL	12.8	68.1	69.2	0.88	0.010	0.108	0.18	22.13	48.26	14.31	18.74	0.0	0.009	33.0	4.18	4.52	198.9	0.0	0.0	0.0
104	DL	11.7	57.9	41.1	0.77	0.009	0.092	0.11	19.16	48.27	16.41	18.89	0.0	0.009	31.9	4.67	4.67	199.0	0.0	0.0	0.0

105 DL	10.6	46.7	19.5	0.63	0.008	0.074	0.05	15.89	48.28	19.59	19.12	0.0	0.008	30.1	5.32	2.68	199.0	0.0	0.0	0.0
106 DL	9.6	37.1	11.9	0.50	0.008	0.059	0.03	12.55	48.29	24.36	19.47	0.0	0.008	30.2	6.75	1.71	199.0	0.0	0.0	0.0
107 DL	8.8	35.9	16.2	0.39	0.007	0.057	0.04	9.81	48.29	30.33	19.94	0.0	0.008	30.2	8.61	1.56	199.2	0.0	0.0	0.0
108 DL	8.8	54.5	34.4	0.34	0.007	0.087	0.09	8.51	48.30	34.09	20.24	0.0	0.009	30.7	10.01	2.35	199.2	0.0	0.0	0.0
109 DL	9.3	89.6	58.2	0.37	0.007	0.143	0.15	9.21	48.31	31.65	20.03	0.0	0.008	30.5	9.13	8.54	199.3	0.0	0.0	0.0
110 DL	9.9	115.7	74.8	0.46	0.008	0.184	0.20	11.45	48.32	26.06	19.58	0.0	0.009	32.0	7.67	16.36	199.3	0.0	0.0	0.0
111 DL	10.0	112.6	68.5	0.55	0.008	0.179	0.18	13.88	48.31	21.90	19.28	0.0	0.009	32.4	6.45	14.59	199.3	0.0	0.0	0.0
112 DL	9.7	93.8	43.0	0.58	0.008	0.149	0.11	14.52	48.29	21.05	19.22	0.0	0.009	32.0	6.12	7.46	199.3	0.0	0.0	0.0
113 DL	9.7	81.7	26.7	0.53	0.008	0.130	0.07	13.19	48.30	23.05	19.37	0.0	0.009	31.4	6.62	3.54	199.3	0.0	0.0	0.0
114 DL	9.8	88.6	37.0	0.46	0.008	0.141	0.10	11.55	48.31	25.90	19.58	0.0	0.009	32.2	7.71	3.35	199.3	0.0	0.0	0.0
115 DL	10.1	113.2	61.3	0.46	0.008	0.180	0.16	11.45	48.32	25.99	19.58	0.0	0.009	32.1	7.73	8.74	199.3	0.0	0.0	0.0
116 DL	10.6	140.2	87.6	0.53	0.008	0.223	0.23	13.23	48.34	22.79	19.33	0.0	0.009	33.2	6.87	13.68	199.3	0.0	0.0	0.0
117 DL	11.0	145.5	107.0	0.64	0.009	0.232	0.28	16.03	48.32	19.14	19.07	0.0	0.010	34.7	5.96	14.70	199.4	0.0	0.0	0.0
118 DL	10.8	123.3	71.3	0.71	0.008	0.196	0.19	17.75	48.30	17.45	18.96	0.0	0.010	34.3	5.38	11.25	199.5	0.0	0.0	0.0
119 DL	9.9	95.0	29.4	0.64	0.008	0.151	0.08	16.11	48.29	19.20	19.08	0.0	0.009	31.4	5.45	5.93	199.6	0.0	0.0	0.0
120 DL	8.8	73.2	12.2	0.51	0.007	0.117	0.03	12.76	48.30	23.88	19.43	0.0	0.008	29.0	6.35	2.88	199.6	0.0	0.0	0.0
121 DL	7.6	57.4	6.9	0.39	0.006	0.091	0.02	9.83	48.32	30.19	19.92	0.0	0.007	26.1	7.43	1.78	199.5	0.0	0.0	0.0
122 DL	6.6	44.6	4.9	0.31	0.005	0.071	0.01	7.73	48.32	37.29	20.50	0.0	0.006	22.8	8.26	1.46	199.4	0.0	0.0	0.0
123 DL	5.8	34.8	4.4	0.24	0.005	0.055	0.01	6.03	48.33	46.06	21.26	0.0	0.006	19.8	9.22	1.40	199.5	0.0	0.0	0.0
124 DL	5.2	28.6	6.0	0.19	0.004	0.046	0.02	4.71	48.34	56.30	22.24	0.0	0.005	16.5	9.81	1.31	199.6	0.0	0.0	0.0
125 DL	5.0	24.9	7.4	0.16	0.004	0.040	0.02	3.95	48.35	64.41	23.09	0.0	0.004	13.4	9.52	1.98	199.6	0.0	0.0	0.0
126 DL	5.1	21.9	9.2	0.14	0.004	0.035	0.02	3.60	48.36	69.16	23.62	0.0	0.003	10.7	8.34	1.95	199.7	0.0	0.0	0.0
127 DL	5.3	18.7	10.1	0.14	0.004	0.030	0.03	3.43	48.35	71.76	23.91	0.0	0.003	9.3	7.60	3.15	199.8	0.0	0.0	0.0
128 DL	5.4	16.0	8.8	0.13	0.004	0.026	0.02	3.23	48.36	74.98	24.29	0.0	0.002	7.7	6.66	2.81	199.9	0.0	0.0	0.0
129 DL	5.4	14.3	9.4	0.12	0.004	0.023	0.02	3.03	48.35	78.56	24.73	0.0	0.002	5.5	5.17	2.53	199.9	0.0	0.0	0.0
130 DL	5.4	13.1	11.3	0.12	0.004	0.021	0.03	2.98	48.36	79.56	24.85	0.0	0.001	3.2	3.03	2.61	199.9	0.0	0.0	0.0
131 DL	5.3	11.8	12.7	0.12	0.004	0.019	0.03	3.04	48.37	78.45	24.72	0.0	0.001	2.1	2.00	2.90	199.8	0.0	0.0	0.0
132 DL	5.1	10.4	13.3	0.12	0.004	0.017	0.03	3.11	48.37	77.27	24.57	0.0	0.000	1.2	1.07	3.10	199.7	0.0	0.0	0.0
133 DL	5.0	9.5	13.9	0.13	0.004	0.015	0.04	3.17	48.38	76.41	24.47	0.0	0.000	0.2	0.26	3.23	199.6	0.0	0.0	0.0
134 DL	4.9	8.9	14.8	0.13	0.004	0.014	0.04	3.23	48.37	75.31	24.34	0.0	0.000	0.0	0.01	3.37	199.4	0.0	0.0	0.0
135 DL	4.8	8.6	15.2	0.13	0.004	0.014	0.04	3.32	48.38	73.88	24.17	0.0	0.000	0.0	1.19	3.48	199.3	0.0	0.0	0.0
136 DL	4.7	8.1	15.4	0.14	0.004	0.013	0.04	3.40	48.38	72.70	24.03	0.0	0.000	0.0	1.21	3.53	199.2	0.0	0.0	0.0
137 DL	4.6	7.6	15.5	0.14	0.004	0.012	0.04	3.44	48.38	71.98	23.95	0.0	0.000	0.0	1.23	3.57	199.1	0.0	0.0	0.0
138 DL	4.5	7.2	15.3	0.14	0.004	0.011	0.04	3.47	48.39	71.66	23.91	0.0	0.000	0.0	1.24	3.52	199.1	0.0	0.0	0.0
139 DL	4.5	6.9	15.3	0.14	0.004	0.011	0.04	3.48	48.40	71.49	23.89	0.0	0.000	0.0	1.24	3.46	199.1	0.0	0.0	0.0
140 DL	4.4	6.7	15.4	0.14	0.003	0.011	0.04	3.49	48.40	71.29	23.87	0.0	0.000	0.0	1.24	3.47	199.0	0.0	0.0	0.0
141 DL	4.4	6.4	15.5	0.14	0.003	0.010	0.04	3.50	48.41	71.17	23.86	0.0	0.000	0.0	1.25	3.51	199.0	0.0	0.0	0.0
142 DL	4.3	6.1	15.4	0.14	0.003	0.010	0.04	3.50	48.41	71.28	23.87	0.0	0.000	0.0	1.25	3.33	199.0	0.0	0.0	0.0
143 DL	4.3	5.9	15.2	0.14	0.003	0.009	0.04	3.49	48.40	71.36	23.88	0.0	0.000	0.0	1.24	3.46	198.9	0.0	0.0	0.0
144 DL	4.3	5.8	15.1	0.14	0.003	0.009	0.04	3.49	48.40	71.39	23.88	0.0	0.000	0.0	1.24	3.51	199.0	0.0	0.0	0.0
145 DL	4.2	5.7	15.2	0.14	0.003	0.009	0.04	3.49	48.41	71.37	23.88	0.0	0.000	0.0	1.24	3.62	199.0	0.0	0.0	0.0
146 DL	4.2	5.6	15.1	0.14	0.003	0.009	0.04	3.49	48.42	71.37	23.88	0.0	0.000	0.0	1.24	3.69	199.0	0.0	0.0	0.0
147 DL	4.2	5.5	15.3	0.14	0.003	0.009	0.04	3.49	48.41	71.38	23.88	0.0	0.000	0.0	1.24	3.66	199.1	0.0	0.0	0.0
148 DL	4.2	5.4	15.4	0.14	0.003	0.009	0.04	3.49	48.42	71.37	23.88	0.0	0.000	0.0	1.24	3.62	199.2	0.0	0.0	0.0
149 DL	4.2	5.3	15.4	0.14	0.003	0.008	0.04	3.50	48.42	71.31	23.88	0.0	0.000	0.0	1.24	3.53	199.1	0.0	0.0	0.0
150 DL	4.1	5.2	15.4	0.14	0.003	0.008	0.04	3.50	48.42	71.23	23.87	0.0	0.000	0.0	1.25	3.42	199.1	0.0	0.0	0.0
151 DL	4.1	5.1	15.5	0.14	0.003	0.008	0.04	3.50	48.42	71.27	23.87	0.0	0.000	0.0	1.25	3.46	199.1	0.0	0.0	0.0
152 DL	4.1	5.0	15.4	0.14	0.003	0.008	0.04	3.50	48.42	71.31	23.88	0.0	0.000	0.0	1.24	3.51	199.2	0.0	0.0	0.0
153 DL	4.1	5.1	15.3	0.14	0.003	0.008	0.04	3.50	48.42	71.24	23.87	0.0	0.000	0.0	1.25	3.57	199.2	0.0	0.0	0.0
154 DL	4.1	5.1	15.3	0.14	0.003	0.008	0.04	3.51	48.42	71.20	23.86	0.0	0.000	0.0	1.25	3.52	199.2	0.0	0.0	0.0
155 DL	4.0	5.0	15.1	0.14	0.003	0.008	0.04	3.51	48.43	71.17	23.86	0.0	0.000	0.0	1.25	3.56	199.2	0.0	0.0	0.0
156 DL	4.0	5.0	15.4	0.14	0.003	0.008	0.04	3.51	48.43	71.08	23.85	0.0	0.000	0.0	1.25	3.56	199.2	0.0	0.0	0.0
157 DL	4.0	4.9	15.3	0.14	0.003	0.008	0.04	3.52	48.42	70.98	23.84	0.0	0.000	0.0	1.25	3.56	199.2	0.0	0.0	0.0
158 DL	4.0	4.8	15.2	0.14	0.003	0.008	0.04	3.52	48.42	71.02	23.84	0.0	0.000	0.0	1.25	3.46	199.2	0.0	0.0	0.0
159 DL	4.0	4.8	15.2	0.14	0.003	0.008	0.04	3.52	48.42	71.03	23.84	0.0	0.000	0.0	1.25	3.50	199.3	0.0	0.0	0.0
160 DL	4.0	4.7	15.2	0.14	0.003	0.008	0.04	3.52	48.42	71.02	23.84	0.0	0.000	0.0	1.25	3.68	199.3	0.0	0.0	0.0
161 DL	4.0	4.7	15.3	0.14	0.003	0.007	0.04	3.52	48.42	70.94	23.83	0.0	0.000	0.0	1.25	3.65	199.3	0.0	0.0	0.0
162 DL	4.0	4.6	15.4	0.14	0.003	0.007	0.04	3.53	48.43	70.85	23.82	0.0	0.000	0.0	1.26	3.56	199.3	0.0	0.0	0.0
163 DL	4.0	4.5	15.6	0.14	0.003	0.007	0.04	3.54	48.42	70.73	23.81	0.0	0.000	0.0	1.26	3.51	199.3	0.0	0.0	0.0

164	DL	4.0	4.5	15.6	0.14	0.003	0.007	0.04	3.54	48.43	70.67	23.80	0.0	0.000	0.0	1.26	3.44	199.2	0.0	0.0	0.0
165	DL	4.0	4.6	15.4	0.14	0.003	0.007	0.04	3.55	48.43	70.61	23.80	0.0	0.000	0.0	1.26	3.45	199.2	0.0	0.0	0.0
166	DL	4.0	4.7	15.6	0.14	0.003	0.007	0.04	3.55	48.43	70.55	23.79	0.0	0.000	0.0	1.26	3.49	199.2	0.0	0.0	0.0
167	DL	3.9	4.6	15.4	0.14	0.003	0.007	0.04	3.56	48.43	70.44	23.78	0.0	0.000	0.0	1.27	3.54	199.2	0.0	0.0	0.0
168	DL	3.9	4.5	15.2	0.14	0.003	0.007	0.04	3.56	48.43	70.42	23.78	0.0	0.000	0.0	1.27	3.49	199.2	0.0	0.0	0.0
169	DL	4.0	4.5	15.5	0.14	0.003	0.007	0.04	3.56	48.43	70.48	23.78	0.0	0.000	0.0	1.26	3.51	199.2	0.0	0.0	0.0
170	DL	3.9	4.5	15.5	0.14	0.003	0.007	0.04	3.56	48.42	70.47	23.78	0.0	0.000	0.0	1.26	3.43	199.2	0.0	0.0	0.0
171	DL	4.0	4.5	15.6	0.14	0.003	0.007	0.04	3.56	48.43	70.41	23.77	0.0	0.000	0.0	1.27	3.54	199.3	0.0	0.0	0.0
172	DL	4.0	4.5	15.6	0.14	0.003	0.007	0.04	3.56	48.43	70.36	23.77	0.0	0.000	0.0	1.27	3.59	199.3	0.0	0.0	0.0
173	DL	4.0	4.5	15.7	0.14	0.003	0.007	0.04	3.57	48.42	70.30	23.76	0.0	0.000	0.0	1.27	3.55	199.3	0.0	0.0	0.0
174	DL	4.0	4.5	15.7	0.14	0.003	0.007	0.04	3.58	48.43	70.11	23.74	0.0	0.000	0.0	1.27	3.50	199.3	0.0	0.0	0.0
175	DL	4.0	4.5	15.7	0.14	0.003	0.007	0.04	3.59	48.42	70.00	23.73	0.0	0.000	0.0	1.28	3.46	199.3	0.0	0.0	0.0
176	DL	3.9	4.5	15.6	0.14	0.003	0.007	0.04	3.59	48.43	69.96	23.72	0.0	0.000	0.0	1.28	3.50	199.3	0.0	0.0	0.0
177	DL	3.9	4.4	15.7	0.14	0.003	0.007	0.04	3.60	48.43	69.88	23.71	0.0	0.000	0.0	1.28	3.54	199.3	0.0	0.0	0.0
178	DL	3.9	4.4	15.8	0.14	0.003	0.007	0.04	3.60	48.43	69.90	23.72	0.0	0.000	0.0	1.28	3.54	199.3	0.0	0.0	0.0
179	DL	3.9	4.4	15.9	0.14	0.003	0.007	0.04	3.60	48.43	69.88	23.71	0.0	0.000	0.0	1.28	3.48	199.2	0.0	0.0	0.0
180	DL	3.9	4.4	15.6	0.14	0.003	0.007	0.04	3.61	48.43	69.73	23.70	0.0	0.000	0.0	1.28	3.55	199.2	0.0	0.0	0.0
181	DL	3.9	4.4	15.7	0.14	0.003	0.007	0.04	3.62	48.42	69.59	23.68	0.0	0.000	0.0	1.29	3.56	199.2	0.0	0.0	0.0
182	DL	3.9	4.5	15.8	0.14	0.003	0.007	0.04	3.62	48.43	69.52	23.67	0.0	0.000	0.0	1.29	3.52	199.2	0.0	0.0	0.0
183	DL	3.9	4.6	16.0	0.14	0.003	0.007	0.04	3.64	48.43	69.32	23.65	0.0	0.000	0.0	1.29	3.55	199.1	0.0	0.0	0.0
184	DL	3.8	4.6	16.2	0.15	0.003	0.007	0.04	3.65	48.43	69.12	23.63	0.0	0.000	0.0	1.30	3.40	199.0	0.0	0.0	0.0
185	DL	3.8	4.5	16.3	0.15	0.003	0.007	0.04	3.67	48.42	68.91	23.60	0.0	0.000	0.0	1.30	3.46	199.0	0.0	0.0	0.0
186	DL	3.8	4.5	16.1	0.15	0.003	0.007	0.04	3.67	48.43	68.81	23.59	0.0	0.000	0.0	1.31	3.47	199.0	0.0	0.0	0.0
187	DL	3.8	4.6	16.3	0.15	0.003	0.007	0.04	3.68	48.42	68.67	23.58	0.0	0.000	0.0	1.31	3.45	199.1	0.0	0.0	0.0
188	DL	3.8	4.6	16.4	0.15	0.003	0.007	0.04	3.70	48.43	68.39	23.55	0.0	0.000	0.0	1.32	3.45	199.1	0.0	0.0	0.0
189	DL	3.8	4.5	16.5	0.15	0.003	0.007	0.04	3.71	48.42	68.27	23.53	0.0	0.000	0.0	1.32	3.49	199.1	0.0	0.0	0.0
190	DL	3.8	4.4	16.5	0.15	0.003	0.007	0.04	3.72	48.42	68.19	23.52	0.0	0.000	0.0	1.32	3.32	199.2	0.0	0.0	0.0
191	DL	3.8	4.4	16.6	0.15	0.003	0.007	0.04	3.73	48.42	68.04	23.51	0.0	0.000	0.0	1.33	3.26	199.1	0.0	0.0	0.0
192	DL	3.7	4.4	16.6	0.15	0.003	0.007	0.04	3.74	48.42	67.90	23.49	0.0	0.000	0.0	1.33	3.35	199.1	0.0	0.0	0.0
193	DL	3.7	4.5	16.5	0.15	0.003	0.007	0.04	3.75	48.42	67.77	23.48	0.0	0.000	0.0	1.33	3.42	199.1	0.0	0.0	0.0
194	DL	3.7	4.5	16.6	0.15	0.003	0.007	0.04	3.76	48.41	67.64	23.46	0.0	0.000	0.0	1.34	3.39	199.0	0.0	0.0	0.0
195	DL	3.7	4.5	16.7	0.15	0.003	0.007	0.04	3.77	48.41	67.48	23.45	0.0	0.000	0.0	1.34	3.45	199.0	0.0	0.0	0.0
196	DL	3.7	4.5	16.7	0.15	0.003	0.007	0.04	3.78	48.42	67.30	23.43	0.0	0.000	0.0	1.34	3.52	199.0	0.0	0.0	0.0
197	DL	3.7	4.5	16.7	0.15	0.003	0.007	0.04	3.79	48.42	67.22	23.42	0.0	0.000	0.0	1.35	3.50	199.0	0.0	0.0	0.0
198	DL	3.7	4.6	16.7	0.15	0.003	0.007	0.04	3.79	48.42	67.14	23.41	0.0	0.000	0.0	1.35	3.51	199.0	0.0	0.0	0.0
199	DL	3.7	4.6	16.7	0.15	0.003	0.007	0.04	3.81	48.41	66.91	23.38	0.0	0.000	0.0	1.35	3.50	199.0	0.0	0.0	0.0
200	DL	3.7	4.8	17.1	0.15	0.003	0.008	0.04	3.83	48.42	66.61	23.35	0.0	0.000	0.0	1.36	3.51	199.0	0.0	0.0	0.0
201	DL	3.7	6.1	18.7	0.15	0.003	0.010	0.05	3.88	48.41	65.98	23.28	0.0	0.000	0.0	1.38	3.57	199.1	0.0	0.0	0.0
202	DL	4.0	13.8	24.8	0.16	0.003	0.022	0.07	4.07	48.42	63.37	22.99	0.0	0.000	1.7	1.05	3.64	199.1	0.0	0.0	0.0
203	DL	4.7	28.2	36.7	0.19	0.004	0.045	0.10	4.76	48.42	55.88	22.20	0.0	0.001	4.9	2.82	6.23	199.1	0.0	0.0	0.0
204	DL	5.4	37.9	43.3	0.25	0.004	0.060	0.11	6.17	48.41	45.25	21.19	0.0	0.002	6.8	3.01	16.36	199.2	0.0	0.0	0.0
205	DL	5.7	36.7	37.6	0.30	0.005	0.059	0.10	7.56	48.41	38.06	20.58	0.0	0.002	7.7	2.81	16.56	199.2	0.0	0.0	0.0
206	DL	5.6	30.5	26.6	0.32	0.004	0.049	0.07	7.97	48.40	36.38	20.44	0.0	0.002	7.2	2.57	9.06	199.2	0.0	0.0	0.0
207	DL	5.4	23.9	15.9	0.29	0.004	0.038	0.04	7.39	48.40	38.93	20.65	0.0	0.001	4.0	1.58	4.66	199.2	0.0	0.0	0.0
208	DL	5.2	18.7	9.5	0.25	0.004	0.030	0.02	6.23	48.40	45.06	21.19	0.0	0.001	2.6	1.20	2.82	199.1	0.0	0.0	0.0
209	DL	4.9	14.9	9.9	0.20	0.004	0.024	0.03	5.07	48.40	53.40	21.97	0.0	0.000	1.1	0.64	2.42	199.1	0.0	0.0	0.0
210	DL	4.6	12.2	12.0	0.17	0.004	0.019	0.03	4.36	48.40	60.09	22.65	0.0	0.000	0.1	0.10	2.96	199.2	0.0	0.0	0.0
211	DL	4.4	10.3	13.4	0.16	0.003	0.016	0.04	4.03	48.40	63.92	23.05	0.0	0.000	0.0	0.00	3.13	199.2	0.0	0.0	0.0
212	DL	4.2	8.8	14.0	0.15	0.003	0.014	0.04	3.86	48.40	66.08	23.29	0.0	0.000	0.0	1.38	3.36	199.3	0.0	0.0	0.0
213	DL	4.1	7.8	14.3	0.15	0.003	0.012	0.04	3.76	48.40	67.52	23.45	0.0	0.000	0.0	1.34	3.44	199.4	0.0	0.0	0.0
214	DL	3.9	7.1	14.4	0.15	0.003	0.011	0.04	3.69	48.41	68.48	23.55	0.0	0.000	0.0	1.31	3.52	199.5	0.0	0.0	0.0
215	DL	3.9	6.6	14.7	0.15	0.003	0.010	0.04	3.65	48.40	69.00	23.61	0.0	0.000	0.0	1.30	3.53	199.5	0.0	0.0	0.0
216	DL	3.8	6.1	14.9	0.14	0.003	0.010	0.04	3.63	48.41	69.30	23.65	0.0	0.000	0.0	1.29	3.56	199.5	0.0	0.0	0.0
217	DL	3.7	5.7	14.6	0.14	0.003	0.009	0.04	3.61	48.41	69.63	23.68	0.0	0.000	0.0	1.29	3.49	199.4	0.0	0.0	0.0
218	DL	3.7	5.5	14.4	0.14	0.003	0.009	0.04	3.58	48.40	70.07	23.73	0.0	0.000	0.0	1.27	3.49	199.4	0.0	0.0	0.0
219	DL	3.6	5.4	14.2	0.14	0.003	0.009	0.04	3.55	48.41	70.55	23.79	0.0	0.000	0.0	1.26	3.58	199.3	0.0	0.0	0.0
220	DL	3.6	5.2	14.5	0.14	0.003	0.008	0.04	3.53	48.40	70.83	23.82	0.0	0.000	0.0	1.26	3.59	199.2	0.0	0.0	0.0
221	DL	3.6	5.0	14.8	0.14	0.003	0.008	0.04	3.52	48.40	70.95	23.84	0.0	0.000	0.0	1.25	3.57	199.1	0.0	0.0	0.0
222	DL	3.5	5.0	14.7	0.14	0.003	0.008	0.04	3.52	48.40	71.01	23.84	0.0	0.000	0.0	1.25	3.69	199.2	0.0	0.0	0.0

223 DL	3.5	4.9	14.7	0.14	0.003	0.008	0.04	3.52	48.40	71.06	23.85	0.0	0.000	0.0	1.25	3.76	199.2	0.0	0.0	0.0
224 DL	3.5	4.8	14.8	0.14	0.003	0.008	0.04	3.52	48.41	70.97	23.84	0.0	0.000	0.0	1.25	3.76	199.2	0.0	0.0	0.0
225 DL	3.4	4.8	14.7	0.14	0.003	0.008	0.04	3.53	48.40	70.92	23.83	0.0	0.000	0.0	1.25	3.66	199.2	0.0	0.0	0.0
226 DL	3.4	4.7	14.5	0.14	0.003	0.008	0.04	3.53	48.40	70.90	23.83	0.0	0.000	0.0	1.25	3.87	199.2	0.0	0.0	0.0
227 DL	3.4	4.7	14.6	0.14	0.003	0.008	0.04	3.53	48.40	70.92	23.83	0.0	0.000	0.0	1.25	3.78	199.2	0.0	0.0	0.0
228 DL	3.4	4.8	14.8	0.14	0.003	0.008	0.04	3.52	48.40	71.01	23.84	0.0	0.000	0.0	1.25	3.83	199.1	0.0	0.0	0.0
229 DL	3.4	4.7	14.9	0.14	0.003	0.007	0.04	3.53	48.40	70.92	23.83	0.0	0.000	0.0	1.25	3.82	199.1	0.0	0.0	0.0
230 DL	3.4	4.7	15.2	0.14	0.003	0.007	0.04	3.54	48.39	70.72	23.81	0.0	0.000	0.6	0.38	3.62	199.0	0.0	0.0	0.0
231 DL	3.4	4.7	15.4	0.14	0.003	0.007	0.04	3.56	48.40	70.38	23.77	0.0	0.001	2.6	2.02	3.65	199.0	0.0	0.0	0.0
232 DL	3.4	4.6	15.3	0.14	0.003	0.007	0.04	3.58	48.39	70.15	23.74	0.0	0.001	1.7	1.44	3.76	199.0	0.0	0.0	0.0
233 DL	3.4	4.6	14.8	0.14	0.003	0.007	0.04	3.58	48.39	70.13	23.74	0.0	0.000	0.0	0.06	3.90	199.1	0.0	0.0	0.0
234 DL	3.3	4.5	14.3	0.14	0.003	0.007	0.04	3.56	48.40	70.45	23.78	0.0	0.000	0.0	1.26	3.64	199.1	0.0	0.0	0.0
235 DL	3.3	4.4	14.3	0.14	0.003	0.007	0.04	3.53	48.40	70.93	23.83	0.0	0.000	0.0	1.25	3.71	199.1	0.0	0.0	0.0
236 DL	3.3	4.5	14.3	0.14	0.003	0.007	0.04	3.50	48.40	71.24	23.87	0.0	0.000	0.0	1.25	3.77	199.2	0.0	0.0	0.0
237 DL	3.3	4.5	14.7	0.14	0.003	0.007	0.04	3.50	48.39	71.28	23.87	0.0	0.000	0.0	1.25	3.82	199.2	0.0	0.0	0.0
238 DL	3.3	4.4	14.6	0.14	0.003	0.007	0.04	3.50	48.39	71.28	23.87	0.0	0.000	0.0	1.24	3.84	199.3	0.0	0.0	0.0
239 DL	3.3	4.4	14.6	0.14	0.003	0.007	0.04	3.50	48.39	71.28	23.87	0.0	0.000	0.0	1.24	3.76	199.3	0.0	0.0	0.0
240 DL	3.3	4.5	14.7	0.14	0.003	0.007	0.04	3.50	48.40	71.31	23.88	0.0	0.000	0.0	1.24	3.75	199.3	0.0	0.0	0.0
241 DL	3.3	4.5	14.6	0.14	0.003	0.007	0.04	3.50	48.38	71.36	23.88	0.0	0.000	0.0	1.24	3.70	199.3	0.0	0.0	0.0
242 DL	3.3	4.4	14.5	0.14	0.003	0.007	0.04	3.50	48.40	71.36	23.88	0.0	0.000	0.0	1.24	3.85	199.3	0.0	0.0	0.0
243 DL	3.3	4.4	14.5	0.14	0.003	0.007	0.04	3.49	48.39	71.40	23.89	0.0	0.000	0.0	1.24	3.88	199.2	0.0	0.0	0.0
244 DL	3.3	4.4	14.7	0.14	0.003	0.007	0.04	3.49	48.39	71.52	23.90	0.0	0.000	0.0	1.24	3.76	199.2	0.0	0.0	0.0
245 DL	3.3	4.5	14.8	0.14	0.003	0.007	0.04	3.49	48.39	71.54	23.90	0.0	0.000	0.0	1.24	3.71	199.1	0.0	0.0	0.0
246 DL	3.3	4.5	14.7	0.14	0.003	0.007	0.04	3.49	48.40	71.45	23.89	0.0	0.000	0.0	1.24	3.85	199.1	0.0	0.0	0.0
247 DL	3.3	4.5	15.0	0.14	0.003	0.007	0.04	3.49	48.39	71.45	23.89	0.0	0.000	0.0	1.24	3.84	199.2	0.0	0.0	0.0
248 DL	3.3	4.6	15.0	0.14	0.003	0.007	0.04	3.49	48.39	71.39	23.89	0.0	0.000	0.0	1.24	3.73	199.2	0.0	0.0	0.0
249 DL	3.3	4.6	15.0	0.14	0.003	0.007	0.04	3.50	48.39	71.33	23.88	0.0	0.000	0.0	1.24	3.78	199.2	0.0	0.0	0.0
250 DL	3.3	4.5	14.9	0.14	0.003	0.007	0.04	3.51	48.39	71.21	23.86	0.0	0.000	0.0	1.25	3.80	199.3	0.0	0.0	0.0
251 DL	3.3	4.4	14.6	0.14	0.003	0.007	0.04	3.50	48.38	71.24	23.87	0.0	0.000	0.0	1.25	3.81	199.3	0.0	0.0	0.0
252 DL	3.3	4.4	14.6	0.14	0.003	0.007	0.04	3.50	48.39	71.30	23.88	0.0	0.000	0.0	1.24	3.78	199.3	0.0	0.0	0.0
253 DL	3.3	4.5	14.6	0.14	0.003	0.007	0.04	3.50	48.38	71.35	23.88	0.0	0.000	0.0	1.24	3.81	199.3	0.0	0.0	0.0
254 DL	3.3	4.5	14.8	0.14	0.003	0.007	0.04	3.50	48.39	71.28	23.87	0.0	0.000	0.0	1.25	3.82	199.2	0.0	0.0	0.0
255 DL	3.3	4.6	14.7	0.14	0.003	0.007	0.04	3.50	48.38	71.27	23.87	0.0	0.000	0.0	1.24	3.89	199.1	0.0	0.0	0.0
256 DL	3.3	4.5	14.9	0.14	0.003	0.007	0.04	3.51	48.38	71.19	23.86	0.0	0.000	0.0	1.25	3.92	199.1	0.0	0.0	0.0
257 DL	3.3	4.5	14.9	0.14	0.003	0.007	0.04	3.51	48.39	71.19	23.86	0.0	0.000	0.0	1.25	3.90	199.1	0.0	0.0	0.0
258 DL	3.2	4.5	14.9	0.14	0.003	0.007	0.04	3.52	48.38	71.05	23.85	0.0	0.000	0.0	1.25	3.86	199.1	0.0	0.0	0.0
259 DL	3.2	4.5	15.3	0.14	0.003	0.007	0.04	3.53	48.39	70.92	23.83	0.0	0.000	0.0	1.25	3.76	199.1	0.0	0.0	0.0
260 DL	3.2	4.4	15.2	0.14	0.003	0.007	0.04	3.54	48.39	70.77	23.81	0.0	0.000	0.0	1.26	3.71	199.1	0.0	0.0	0.0
261 DL	3.2	4.4	15.3	0.14	0.003	0.007	0.04	3.54	48.39	70.67	23.80	0.0	0.000	0.0	1.26	3.72	199.1	0.0	0.0	0.0
262 DL	3.2	4.4	15.1	0.14	0.003	0.007	0.04	3.55	48.39	70.60	23.80	0.0	0.000	0.0	1.26	3.79	199.1	0.0	0.0	0.0
263 DL	3.2	4.4	15.2	0.14	0.003	0.007	0.04	3.55	48.38	70.53	23.79	0.0	0.000	0.0	1.26	3.84	199.0	0.0	0.0	0.0
264 DL	3.2	4.4	15.0	0.14	0.003	0.007	0.04	3.56	48.38	70.36	23.77	0.0	0.000	0.0	1.27	3.89	198.9	0.0	0.0	0.0
265 DL	3.2	4.4	15.2	0.14	0.002	0.007	0.04	3.57	48.38	70.21	23.75	0.0	0.000	0.0	1.27	3.83	198.9	0.0	0.0	0.0
266 DL	3.1	4.5	15.3	0.14	0.002	0.007	0.04	3.58	48.38	70.07	23.74	0.0	0.000	0.0	1.27	3.74	199.0	0.0	0.0	0.0
267 DL	3.1	4.5	15.3	0.14	0.002	0.007	0.04	3.59	48.38	70.01	23.73	0.0	0.000	0.0	1.28	3.83	199.0	0.0	0.0	0.0
268 DL	3.1	4.5	15.5	0.14	0.002	0.007	0.04	3.60	48.38	69.89	23.72	0.0	0.000	0.0	1.28	3.77	199.0	0.0	0.0	0.0
269 DL	3.1	4.5	15.2	0.14	0.002	0.007	0.04	3.61	48.38	69.73	23.70	0.0	0.000	0.0	1.28	3.68	199.0	0.0	0.0	0.0
270 DL	3.1	4.4	14.9	0.14	0.002	0.007	0.04	3.60	48.38	69.81	23.71	0.0	0.000	0.0	1.28	3.64	199.0	0.0	0.0	0.0
271 DL	3.1	4.4	14.5	0.14	0.002	0.007	0.04	3.57	48.38	70.25	23.76	0.0	0.000	0.0	1.27	3.74	199.0	0.0	0.0	0.0
272 DL	3.1	4.2	14.4	0.14	0.002	0.007	0.04	3.54	48.38	70.78	23.82	0.0	0.000	0.0	1.26	3.74	198.9	0.0	0.0	0.0
273 DL	3.1	4.1	14.2	0.14	0.002	0.007	0.04	3.50	48.37	71.26	23.87	0.0	0.000	0.0	1.24	3.71	198.8	0.0	0.0	0.0
274 DL	3.1	4.1	14.2	0.14	0.002	0.007	0.04	3.47	48.37	71.70	23.92	0.0	0.000	0.0	1.23	3.66	198.8	0.0	0.0	0.0
275 DL	3.1	4.1	14.2	0.14	0.002	0.007	0.04	3.45	48.37	72.05	23.96	0.0	0.000	0.0	1.23	3.77	198.8	0.0	0.0	0.0
276 DL	3.1	4.1	14.2	0.14	0.002	0.007	0.04	3.43	48.38	72.33	24.00	0.0	0.000	0.0	1.22	3.68	198.8	0.0	0.0	0.0
277 DL	3.1	4.2	14.3	0.14	0.002	0.007	0.04	3.43	48.37	72.40	24.00	0.0	0.000	0.0	1.22	3.67	198.8	0.0	0.0	0.0
278 DL	3.0	4.2	14.3	0.14	0.002	0.007	0.04	3.42	48.38	72.51	24.02	0.0	0.000	0.0	1.22	3.66	198.8	0.0	0.0	0.0
279 DL	3.1	4.2	14.3	0.14	0.002	0.007	0.04	3.42	48.38	72.62	24.03	0.0	0.000	0.0	1.21	3.73	198.7	0.0	0.0	0.0
280 DL	3.1	4.2	14.3	0.14	0.002	0.007	0.04	3.41	48.37	72.69	24.04	0.0	0.000	0.0	1.21	3.75	198.7	0.0	0.0	0.0
281 DL	3.1	4.1	14.1	0.14	0.002	0.007	0.04	3.41	48.38	72.71	24.04	0.0	0.000	0.0	1.21	3.78	198.7	0.0	0.0	0.0

282 DL	3.1	4.1	14.0	0.14	0.002	0.007	0.04	3.40	48.37	72.78	24.05	0.0	0.000	0.0	1.21	3.68	198.6	0.0	0.0	0.0
283 DL	3.1	4.2	14.1	0.14	0.002	0.007	0.04	3.40	48.37	72.89	24.06	0.0	0.000	0.0	1.21	3.74	198.6	0.0	0.0	0.0
284 DL	3.1	4.2	14.3	0.14	0.002	0.007	0.04	3.40	48.37	72.89	24.06	0.0	0.000	0.0	1.21	3.74	198.6	0.0	0.0	0.0
285 DL	3.1	4.1	14.2	0.14	0.002	0.007	0.04	3.39	48.37	72.98	24.07	0.0	0.000	0.0	1.21	3.73	198.6	0.0	0.0	0.0
286 DL	3.1	4.2	14.2	0.14	0.002	0.007	0.04	3.40	48.37	72.89	24.06	0.0	0.000	0.0	1.21	3.66	198.6	0.0	0.0	0.0
287 DL	3.1	4.2	14.3	0.14	0.002	0.007	0.04	3.40	48.37	72.81	24.05	0.0	0.000	0.0	1.21	3.64	198.6	0.0	0.0	0.0
288 DL	3.1	4.2	14.1	0.14	0.002	0.007	0.04	3.40	48.36	72.83	24.05	0.0	0.000	0.0	1.21	3.74	198.6	0.0	0.0	0.0
289 DL	3.1	4.2	14.0	0.14	0.002	0.007	0.04	3.40	48.37	72.88	24.06	0.0	0.000	0.0	1.21	3.67	198.6	0.0	0.0	0.0
290 DL	3.1	4.2	14.0	0.14	0.002	0.007	0.04	3.39	48.36	72.92	24.06	0.0	0.000	0.0	1.21	3.77	198.6	0.0	0.0	0.0
291 DL	3.1	4.2	14.1	0.14	0.002	0.007	0.04	3.39	48.36	72.98	24.07	0.0	0.000	0.0	1.21	3.84	198.5	0.0	0.0	0.0
292 DL	3.1	4.1	14.1	0.14	0.002	0.007	0.04	3.39	48.37	72.98	24.07	0.0	0.000	0.0	1.21	3.75	198.5	0.0	0.0	0.0
293 DL	3.1	4.1	14.0	0.14	0.002	0.007	0.04	3.39	48.36	73.00	24.07	0.0	0.000	0.0	1.20	3.71	198.5	0.0	0.0	0.0
294 DL	3.1	4.1	13.9	0.13	0.002	0.007	0.04	3.38	48.36	73.11	24.08	0.0	0.000	0.0	1.20	3.77	198.5	0.0	0.0	0.0
295 DL	3.1	4.1	13.8	0.13	0.002	0.007	0.04	3.38	48.36	73.23	24.10	0.0	0.000	0.0	1.20	3.77	198.5	0.0	0.0	0.0
296 DL	3.1	4.1	13.9	0.13	0.002	0.007	0.04	3.37	48.37	73.31	24.11	0.0	0.000	0.0	1.20	3.71	198.6	0.0	0.0	0.0
297 DL	3.1	4.1	14.1	0.13	0.002	0.007	0.04	3.37	48.36	73.34	24.11	0.0	0.000	0.0	1.20	3.69	198.6	0.0	0.0	0.0
298 DL	3.1	4.1	14.1	0.13	0.002	0.007	0.04	3.37	48.36	73.34	24.11	0.0	0.000	0.0	1.20	3.66	198.5	0.0	0.0	0.0
299 DL	3.2	4.2	14.1	0.13	0.002	0.007	0.04	3.38	48.37	73.17	24.09	0.0	0.000	0.5	0.34	3.47	198.5	0.0	0.0	0.0
300 DL	3.2	4.2	14.1	0.14	0.003	0.007	0.04	3.39	48.36	73.01	24.07	0.0	0.001	2.4	1.98	3.71	198.5	0.0	0.0	0.0
301 DL	3.2	4.2	14.1	0.14	0.003	0.007	0.04	3.39	48.37	72.97	24.07	0.0	0.000	0.5	0.53	3.88	198.5	0.0	0.0	0.0
302 DL	3.2	4.3	14.0	0.14	0.003	0.007	0.04	3.40	48.36	72.88	24.06	0.0	0.000	0.8	0.54	3.68	198.5	0.0	0.0	0.0
303 DL	3.3	4.5	15.2	0.14	0.003	0.007	0.04	3.43	48.36	72.40	24.00	0.0	0.001	2.7	2.18	3.74	198.6	0.0	0.0	0.0
304 DL	3.4	5.2	18.3	0.14	0.003	0.008	0.05	3.54	48.37	70.64	23.80	0.0	0.001	3.3	2.61	3.84	198.6	0.0	0.0	0.0
305 DL	3.7	7.0	21.8	0.15	0.003	0.011	0.06	3.84	48.36	66.49	23.33	0.0	0.001	4.7	3.39	3.97	198.6	0.0	0.0	0.0
306 DL	3.9	9.2	22.2	0.17	0.003	0.015	0.06	4.23	48.36	61.65	22.81	0.0	0.001	5.2	3.50	5.50	198.6	0.0	0.0	0.0
307 DL	4.0	10.1	18.1	0.18	0.003	0.016	0.05	4.50	48.35	58.62	22.50	0.0	0.001	3.9	2.42	7.47	198.5	0.0	0.0	0.0
308 DL	4.1	9.3	12.9	0.18	0.003	0.015	0.03	4.40	48.35	59.76	22.62	0.0	0.001	4.6	2.89	5.12	198.5	0.0	0.0	0.0
309 DL	4.0	8.0	11.5	0.16	0.003	0.013	0.03	4.05	48.35	63.72	23.03	0.0	0.001	3.3	2.39	3.37	198.5	0.0	0.0	0.0
310 DL	3.9	6.9	10.9	0.15	0.003	0.011	0.03	3.73	48.35	67.94	23.49	0.0	0.001	2.0	1.53	3.00	198.7	0.0	0.0	0.0
311 DL	3.8	6.0	11.6	0.14	0.003	0.010	0.03	3.46	48.35	71.73	23.92	0.0	0.000	0.4	0.37	3.03	198.7	0.0	0.0	0.0
312 DL	3.7	5.4	12.8	0.13	0.003	0.009	0.03	3.32	48.36	74.02	24.19	0.0	0.000	0.0	0.02	3.17	198.7	0.0	0.0	0.0
313 DL	3.6	5.1	13.6	0.13	0.003	0.008	0.04	3.29	48.35	74.58	24.26	0.0	0.000	0.0	0.01	3.25	198.8	0.0	0.0	0.0
314 DL	3.6	4.8	14.0	0.13	0.003	0.008	0.04	3.30	48.35	74.31	24.23	0.0	0.000	0.0	1.18	3.48	198.8	0.0	0.0	0.0
315 DL	3.5	4.6	14.2	0.13	0.003	0.007	0.04	3.33	48.35	73.93	24.18	0.0	0.000	0.0	1.18	3.42	198.9	0.0	0.0	0.0
316 DL	3.5	4.5	14.0	0.13	0.003	0.007	0.04	3.35	48.36	73.61	24.14	0.0	0.000	0.0	1.19	3.34	198.9	0.0	0.0	0.0
317 DL	3.4	4.3	14.3	0.13	0.003	0.007	0.04	3.36	48.36	73.39	24.12	0.0	0.000	0.0	1.20	3.28	198.8	0.0	0.0	0.0
318 DL	3.4	4.4	14.5	0.13	0.003	0.007	0.04	3.38	48.35	73.17	24.09	0.0	0.000	0.0	0.01	3.32	198.9	0.0	0.0	0.0
319 DL	3.5	4.7	15.9	0.14	0.003	0.008	0.04	3.44	48.35	72.23	23.98	0.0	0.001	1.9	1.48	3.29	198.9	0.0	0.0	0.0
320 DL	3.6	5.3	19.2	0.14	0.003	0.009	0.05	3.61	48.36	69.63	23.68	0.0	0.001	3.2	2.48	3.62	198.8	0.0	0.0	0.0
321 DL	3.8	6.1	23.2	0.16	0.003	0.010	0.06	3.94	48.35	65.19	23.19	0.0	0.001	4.3	3.01	4.02	198.9	0.0	0.0	0.0
322 DL	4.0	6.8	25.7	0.17	0.003	0.011	0.07	4.37	48.35	60.14	22.66	0.0	0.001	5.2	3.32	3.99	198.9	0.0	0.0	0.0
323 DL	4.3	7.5	27.7	0.19	0.003	0.012	0.07	4.83	48.35	55.57	22.20	0.0	0.002	6.1	3.50	3.86	198.8	0.0	0.0	0.0
324 DL	4.6	8.3	29.9	0.21	0.004	0.013	0.08	5.33	48.34	51.27	21.78	0.0	0.002	6.9	3.61	3.70	198.8	0.0	0.0	0.0
325 DL	4.9	8.8	30.5	0.24	0.004	0.014	0.08	5.90	48.34	47.17	21.39	0.0	0.002	7.7	3.66	4.09	198.7	0.0	0.0	0.0
326 DL	5.1	8.5	26.5	0.25	0.004	0.014	0.07	6.31	48.33	44.57	21.16	0.0	0.002	8.1	3.62	4.73	198.7	0.0	0.0	0.0
327 DL	5.2	7.9	17.8	0.25	0.004	0.013	0.05	6.26	48.33	44.89	21.19	0.0	0.002	7.1	3.21	3.90	198.6	0.0	0.0	0.0
328 DL	5.4	7.3	10.3	0.23	0.004	0.012	0.03	5.65	48.34	48.93	21.55	0.0	0.002	6.8	3.36	2.56	198.5	0.0	0.0	0.0
329 DL	5.5	6.9	9.3	0.19	0.004	0.011	0.02	4.79	48.33	55.98	22.23	0.0	0.002	6.8	3.98	1.91	198.5	0.0	0.0	0.0
330 DL	5.6	6.5	13.7	0.17	0.004	0.010	0.04	4.23	48.34	61.60	22.81	0.0	0.002	7.4	4.90	2.30	198.7	0.0	0.0	0.0
331 DL	5.8	6.4	18.3	0.17	0.005	0.010	0.05	4.21	48.34	61.82	22.83	0.0	0.002	7.8	5.18	2.54	198.9	0.0	0.0	0.0
332 DL	5.9	6.2	19.4	0.18	0.005	0.010	0.05	4.48	48.33	58.96	22.54	0.0	0.002	8.0	5.04	2.61	199.0	0.0	0.0	0.0
333 DL	6.0	5.8	18.4	0.19	0.005	0.009	0.05	4.73	48.33	56.42	22.28	0.0	0.002	8.2	4.88	2.43	199.0	0.0	0.0	0.0
334 DL	6.1	6.0	16.0	0.19	0.005	0.010	0.04	4.85	48.33	55.32	22.17	0.0	0.002	8.4	4.86	2.31	199.0	0.0	0.0	0.0
335 DL	6.4	12.9	14.2	0.19	0.005	0.021	0.04	4.77	48.34	55.88	22.22	0.0	0.002	7.6	4.48	2.14	199.0	0.0	0.0	0.0
336 DL	7.5	37.7	23.9	0.19	0.006	0.060	0.06	4.75	48.34	55.46	22.17	0.0	0.002	8.5	4.87	2.17	198.9	0.0	0.0	0.0
337 DL	8.9	73.5	49.0	0.24	0.007	0.117	0.13	5.95	48.33	46.10	21.23	0.0	0.003	10.6	4.81	10.78	198.9	0.0	0.0	0.0
338 DL	10.2	96.6	71.9	0.36	0.008	0.154	0.19	8.94	48.33	32.67	20.08	0.0	0.003	12.5	3.79	16.85	199.0	0.0	0.0	0.0
339 DL	10.5	92.9	63.9	0.49	0.008	0.148	0.17	12.25	48.31	24.61	19.48	0.0	0.004	15.2	3.42	16.38	199.0	0.0	0.0	0.0
340 DL	9.9	82.1	35.4	0.52	0.008	0.131	0.09	13.09	48.29	23.17	19.38	0.0	0.004	13.7	2.93	9.33	199.0	0.0	0.0	0.0

341	DL	9.6	85.1	31.3	0.47	0.008	0.135	0.08	11.74	48.31	25.57	19.56	0.0	0.004	14.3	3.35	4.53	199.1	0.0	0.0	0.0
342	DL	9.3	88.4	37.8	0.44	0.007	0.141	0.10	10.92	48.30	27.20	19.68	0.0	0.004	16.0	4.03	9.60	199.1	0.0	0.0	0.0
343	DL	8.7	78.8	27.6	0.43	0.007	0.125	0.07	10.66	48.31	27.85	19.74	0.0	0.004	15.1	3.95	14.48	199.1	0.0	0.0	0.0
344	DL	7.9	63.5	13.6	0.38	0.006	0.101	0.04	9.52	48.29	30.93	19.98	0.0	0.004	14.4	4.23	7.58	199.0	0.0	0.0	0.0
345	DL	7.1	50.2	7.0	0.31	0.006	0.080	0.02	7.73	48.30	37.18	20.49	0.0	0.004	13.1	4.69	3.21	199.0	0.0	0.0	0.0
346	DL	6.6	40.1	6.6	0.25	0.005	0.064	0.02	6.16	48.29	45.07	21.18	0.0	0.004	13.1	5.93	2.18	199.0	0.0	0.0	0.0
347	DL	6.6	34.8	11.8	0.21	0.005	0.055	0.03	5.15	48.31	52.19	21.85	0.0	0.004	13.2	7.09	2.27	199.1	0.0	0.0	0.0
348	DL	7.0	36.4	21.3	0.20	0.005	0.058	0.06	4.92	48.30	53.98	22.02	0.0	0.004	14.2	7.94	3.68	199.2	0.0	0.0	0.0
349	DL	7.1	39.5	23.0	0.21	0.006	0.063	0.06	5.35	48.31	50.47	21.68	0.0	0.004	13.9	7.26	8.33	199.3	0.0	0.0	0.0
350	DL	6.9	37.3	15.4	0.22	0.005	0.059	0.04	5.61	48.29	48.57	21.51	0.0	0.003	11.1	5.50	12.47	199.4	0.0	0.0	0.0
351	DL	6.5	31.1	8.6	0.21	0.005	0.050	0.02	5.17	48.30	52.09	21.84	0.0	0.003	11.7	6.28	6.08	199.3	0.0	0.0	0.0
352	DL	6.0	25.3	6.6	0.17	0.005	0.040	0.02	4.33	48.30	60.00	22.62	0.0	0.003	11.2	7.20	3.17	199.3	0.0	0.0	0.0
353	DL	5.8	21.8	6.5	0.14	0.005	0.035	0.02	3.62	48.31	68.84	23.57	0.0	0.003	11.0	8.45	2.56	199.2	0.0	0.0	0.0
354	DL	6.1	23.9	10.7	0.13	0.005	0.038	0.03	3.23	48.31	74.53	24.23	0.0	0.003	11.1	9.43	2.38	199.2	0.0	0.0	0.0
355	DL	6.7	31.1	19.3	0.14	0.005	0.050	0.05	3.43	48.31	71.18	23.83	0.0	0.003	12.5	9.93	4.81	199.2	0.0	0.0	0.0
356	DL	6.8	35.8	21.7	0.17	0.005	0.057	0.06	4.14	48.31	61.82	22.80	0.0	0.003	11.5	7.79	13.35	199.4	0.0	0.0	0.0
357	DL	6.6	33.8	15.1	0.18	0.005	0.054	0.04	4.63	48.32	56.71	22.29	0.0	0.002	7.4	4.51	12.68	199.4	0.0	0.0	0.0
358	DL	6.1	28.9	10.0	0.18	0.005	0.046	0.03	4.40	48.32	59.13	22.54	0.0	0.001	4.8	3.12	6.16	199.4	0.0	0.0	0.0
359	DL	5.7	25.5	12.2	0.16	0.005	0.041	0.03	3.94	48.31	64.50	23.10	0.0	0.001	3.3	2.29	3.83	199.3	0.0	0.0	0.0
360	DL	5.7	28.6	20.9	0.15	0.005	0.045	0.05	3.85	48.32	65.43	23.20	0.0	0.001	5.3	3.72	3.61	199.2	0.0	0.0	0.0
361	DL	6.2	36.5	32.2	0.18	0.005	0.058	0.08	4.52	48.33	57.92	22.40	0.0	0.002	7.2	4.35	6.83	199.2	0.0	0.0	0.0
362	DL	6.4	38.9	31.1	0.23	0.005	0.062	0.08	5.69	48.32	48.09	21.46	0.0	0.002	8.0	3.93	14.24	199.3	0.0	0.0	0.0
363	DL	6.3	34.6	20.7	0.25	0.005	0.055	0.05	6.30	48.32	44.23	21.12	0.0	0.002	6.9	3.04	11.28	199.4	0.0	0.0	0.0
364	DL	6.2	30.0	12.1	0.24	0.005	0.048	0.03	5.93	48.32	46.61	21.33	0.0	0.002	6.5	3.07	5.03	199.3	0.0	0.0	0.0
365	DL	6.5	33.5	16.6	0.21	0.005	0.053	0.04	5.22	48.33	51.63	21.80	0.0	0.002	7.0	3.70	3.00	199.2	0.0	0.0	0.0
366	DL	7.3	47.2	35.0	0.21	0.006	0.075	0.09	5.37	48.33	50.22	21.65	0.0	0.002	8.7	4.45	4.76	199.2	0.0	0.0	0.0
367	DL	8.1	55.6	44.3	0.27	0.006	0.089	0.12	6.88	48.33	41.03	20.81	0.0	0.003	10.3	4.11	11.39	199.2	0.0	0.0	0.0
368	DL	8.2	51.2	33.6	0.34	0.006	0.082	0.09	8.42	48.32	34.47	20.27	0.0	0.003	10.3	3.44	11.42	199.3	0.0	0.0	0.0
369	DL	8.3	42.7	18.9	0.34	0.007	0.068	0.05	8.48	48.31	34.32	20.26	0.0	0.003	9.2	3.02	5.46	199.4	0.0	0.0	0.0
370	DL	8.5	37.7	22.0	0.30	0.007	0.060	0.06	7.56	48.33	37.95	20.57	0.0	0.003	9.7	3.54	2.94	199.4	0.0	0.0	0.0
371	DL	9.0	41.0	36.7	0.30	0.007	0.065	0.10	7.42	48.33	38.48	20.61	0.0	0.003	10.9	4.06	3.65	199.4	0.0	0.0	0.0
372	DL	10.0	58.1	52.9	0.34	0.008	0.092	0.14	8.61	48.32	33.80	20.21	0.0	0.003	12.0	3.85	5.97	199.4	0.0	0.0	0.0
373	DL	10.8	74.3	65.5	0.43	0.009	0.118	0.17	10.87	48.32	27.50	19.70	0.0	0.004	14.8	3.73	9.55	199.4	0.0	0.0	0.0
374	DL	10.7	75.1	51.0	0.51	0.008	0.120	0.13	12.84	48.31	23.61	19.41	0.0	0.004	15.3	3.33	13.38	199.6	0.0	0.0	0.0
375	DL	10.2	74.8	36.7	0.51	0.008	0.119	0.10	12.70	48.30	23.84	19.43	0.0	0.004	14.6	3.18	8.04	199.7	0.0	0.0	0.0
376	DL	9.9	74.8	44.2	0.47	0.008	0.119	0.12	11.88	48.31	25.32	19.54	0.0	0.005	16.3	3.79	7.61	199.8	0.0	0.0	0.0
377	DL	9.7	67.0	47.6	0.47	0.008	0.107	0.12	11.85	48.31	25.40	19.55	0.0	0.005	16.9	3.95	9.90	199.9	0.0	0.0	0.0
378	DL	9.4	54.4	39.4	0.47	0.007	0.087	0.10	11.85	48.30	25.48	19.56	0.0	0.005	17.1	4.04	6.14	199.8	0.0	0.0	0.0
379	DL	9.1	42.3	27.1	0.45	0.007	0.067	0.07	11.15	48.31	26.98	19.68	0.0	0.005	17.0	4.27	3.75	199.7	0.0	0.0	0.0
380	DL	8.9	33.8	17.3	0.39	0.007	0.054	0.05	9.82	48.30	30.28	19.94	0.0	0.005	16.4	4.70	2.55	199.8	0.0	0.0	0.0
381	DL	8.7	28.3	10.0	0.33	0.007	0.045	0.03	8.29	48.31	35.19	20.33	0.0	0.004	16.0	5.39	1.93	199.9	0.0	0.0	0.0
382	DL	8.3	24.6	9.0	0.27	0.007	0.039	0.02	6.82	48.31	41.58	20.88	0.0	0.004	15.7	6.42	1.73	199.9	0.0	0.0	0.0
383	DL	8.0	22.0	8.5	0.23	0.006	0.035	0.02	5.69	48.32	48.41	21.50	0.0	0.004	14.4	7.07	3.06	199.9	0.0	0.0	0.0
384	DL	7.9	21.6	15.9	0.19	0.006	0.034	0.04	4.86	48.33	54.87	22.12	0.0	0.004	15.0	8.58	2.20	199.9	0.0	0.0	0.0
385	DL	7.9	21.7	26.2	0.20	0.006	0.035	0.07	4.92	48.33	54.33	22.06	0.0	0.004	15.7	8.90	5.00	199.9	0.0	0.0	0.0
386	DL	7.8	20.3	25.4	0.22	0.006	0.032	0.07	5.60	48.32	49.00	21.56	0.0	0.004	15.6	7.78	6.16	200.0	0.0	0.0	0.0
387	DL	7.8	18.4	21.2	0.24	0.006	0.029	0.06	5.98	48.32	46.42	21.32	0.0	0.004	15.5	7.25	3.72	200.1	0.0	0.0	0.0
388	DL	8.1	22.8	24.9	0.24	0.006	0.036	0.07	6.10	48.33	45.64	21.25	0.0	0.004	15.8	7.21	2.70	200.1	0.0	0.0	0.0
389	DL	8.9	41.3	39.8	0.27	0.007	0.066	0.10	6.69	48.33	42.06	20.92	0.0	0.005	16.6	6.89	3.26	200.1	0.0	0.0	0.0
390	DL	10.0	64.4	59.6	0.34	0.008	0.103	0.16	8.40	48.34	34.54	20.26	0.0	0.005	17.8	5.86	9.01	200.0	0.0	0.0	0.0
391	DL	10.6	72.6	68.4	0.43	0.008	0.116	0.18	10.86	48.33	27.53	19.71	0.0	0.005	19.4	4.92	12.47	200.1	0.0	0.0	0.0
392	DL	10.5	63.8	51.6	0.50	0.008	0.102	0.14	12.59	48.32	24.09	19.45	0.0	0.006	19.9	4.41	10.08	200.1	0.0	0.0	0.0
393	DL	9.9	50.0	34.6	0.50	0.008	0.080	0.09	12.41	48.30	24.46	19.48	0.0	0.006	20.2	4.56	4.74	200.1	0.0	0.0	0.0
394	DL	9.2	39.1	28.4	0.44	0.007	0.062	0.07	11.08	48.31	27.16	19.69	0.0	0.006	20.2	5.09	2.91	200.2	0.0	0.0	0.0
395	DL	8.6	31.8	27.5	0.39	0.007	0.051	0.07	9.76	48.32	30.46	19.95	0.0	0.006	20.4	5.86	2.48	200.3	0.0	0.0	0.0
396	DL	8.1	26.4	26.8	0.35	0.006	0.042	0.07	8.86	48.33	33.20	20.18	0.0	0.006	20.5	6.49	2.87	200.2	0.0	0.0	0.0
397	DL	7.6	21.7	22.4	0.33	0.006	0.035	0.06	8.17	48.32	35.65	20.38	0.0	0.006	19.9	6.85	3.01	200.1	0.0	0.0	0.0
398	DL	7.4	17.9	14.2	0.29	0.006	0.029	0.04	7.31	48.33	39.30	20.69	0.0	0.005	19.5	7.49	2.40	200.2	0.0	0.0	0.0
399	DL	7.5	15.7	8.7	0.25	0.006	0.025	0.02	6.19	48.34	45.24	21.21	0.0	0.005	18.9	8.55	1.90	200.3	0.0	0.0	0.0

400	DL	7.9	14.5	5.9	0.21	0.006	0.023	0.02	5.14	48.34	52.71	21.90	0.0	0.005	18.5	10.09	1.58	200.3	0.0	0.0	0.0
401	DL	8.3	13.3	6.7	0.17	0.007	0.021	0.02	4.30	48.34	60.63	22.70	0.0	0.005	18.8	12.16	1.42	200.3	0.0	0.0	0.0
402	DL	8.3	12.2	12.8	0.15	0.007	0.019	0.03	3.84	48.34	66.01	23.28	0.0	0.005	18.9	13.69	1.85	200.3	0.0	0.0	0.0
403	DL	8.1	12.5	20.4	0.16	0.006	0.020	0.05	3.89	48.35	65.49	23.22	0.0	0.005	19.2	13.81	2.59	200.3	0.0	0.0	0.0
404	DL	8.0	14.9	28.3	0.17	0.006	0.024	0.07	4.35	48.35	60.07	22.64	0.0	0.005	19.7	12.63	3.80	200.3	0.0	0.0	0.0
405	DL	7.8	17.6	33.8	0.20	0.006	0.028	0.09	5.10	48.35	52.98	21.93	0.0	0.006	20.1	11.02	5.66	200.3	0.0	0.0	0.0
406	DL	7.7	18.5	34.7	0.23	0.006	0.029	0.09	5.85	48.35	47.36	21.41	0.0	0.006	20.3	9.72	6.31	200.3	0.0	0.0	0.0
407	DL	7.4	16.9	30.2	0.25	0.006	0.027	0.08	6.34	48.36	44.30	21.13	0.0	0.006	20.2	8.91	5.60	200.2	0.0	0.0	0.0
408	DL	7.0	14.4	23.9	0.25	0.006	0.023	0.06	6.38	48.36	44.09	21.11	0.0	0.006	20.2	8.89	3.56	200.2	0.0	0.0	0.0
409	DL	6.8	12.8	19.9	0.24	0.005	0.020	0.05	6.09	48.36	45.85	21.27	0.0	0.005	19.6	9.04	2.67	200.2	0.0	0.0	0.0
410	DL	7.0	13.1	16.8	0.23	0.006	0.021	0.04	5.67	48.36	48.65	21.53	0.0	0.006	20.0	9.85	2.34	200.2	0.0	0.0	0.0
411	DL	7.2	16.7	23.3	0.21	0.006	0.027	0.06	5.35	48.37	50.89	21.74	0.0	0.006	20.5	10.71	2.71	200.2	0.0	0.0	0.0
412	DL	7.3	21.6	30.8	0.22	0.006	0.034	0.08	5.62	48.37	48.84	21.54	0.0	0.006	21.0	10.43	6.06	200.2	0.0	0.0	0.0
413	DL	7.2	23.6	30.7	0.25	0.006	0.038	0.08	6.22	48.36	44.94	21.18	0.0	0.006	20.5	9.22	8.50	200.2	0.0	0.0	0.0
414	DL	7.4	25.9	24.2	0.26	0.006	0.041	0.06	6.47	48.37	43.45	21.05	0.0	0.006	20.6	8.87	6.04	200.1	0.0	0.0	0.0
415	DL	7.6	33.2	30.2	0.25	0.006	0.053	0.08	6.37	48.37	43.86	21.08	0.0	0.006	21.5	9.37	4.56	200.1	0.0	0.0	0.0
416	DL	7.8	48.9	42.6	0.27	0.006	0.078	0.11	6.80	48.38	41.39	20.86	0.0	0.006	22.0	8.97	8.72	200.1	0.0	0.0	0.0
417	DL	8.4	76.7	58.9	0.32	0.007	0.122	0.15	8.04	48.38	35.73	20.36	0.0	0.006	22.3	7.67	9.95	200.1	0.0	0.0	0.0
418	DL	9.3	110.5	76.6	0.41	0.007	0.176	0.20	10.37	48.38	28.54	19.77	0.0	0.006	22.7	5.98	13.23	200.2	0.0	0.0	0.0
419	DL	10.6	134.8	118.3	0.55	0.008	0.215	0.31	13.72	48.39	22.18	19.29	0.0	0.007	24.9	4.98	16.46	200.2	0.0	0.0	0.0
420	DL	12.1	133.0	164.1	0.72	0.010	0.212	0.43	18.04	48.39	17.27	18.94	0.0	0.008	27.3	4.17	18.85	200.3	0.0	0.0	0.0
421	DL	12.7	111.7	129.2	0.87	0.010	0.178	0.34	21.70	48.35	14.52	18.75	0.0	0.008	29.0	3.73	21.24	200.3	0.0	0.0	0.0
422	DL	12.6	100.8	69.5	0.87	0.010	0.161	0.18	21.78	48.31	14.47	18.75	0.0	0.008	28.5	3.66	13.04	200.3	0.0	0.0	0.0
423	DL	12.5	117.7	63.2	0.78	0.010	0.188	0.17	19.53	48.32	16.00	18.85	0.0	0.008	29.2	4.14	6.32	200.3	0.0	0.0	0.0
424	DL	12.2	130.1	74.3	0.74	0.010	0.207	0.19	18.62	48.33	16.68	18.90	0.0	0.009	30.7	4.57	10.84	200.2	0.0	0.0	0.0
425	DL	11.4	116.9	52.3	0.73	0.009	0.186	0.14	18.39	48.33	16.91	18.92	0.0	0.008	30.1	4.56	10.78	200.4	0.0	0.0	0.0
426	DL	10.7	92.8	31.9	0.67	0.008	0.148	0.08	16.69	48.32	18.57	19.04	0.0	0.008	30.2	5.03	5.00	200.5	0.0	0.0	0.0
427	DL	10.0	71.7	28.5	0.57	0.008	0.114	0.07	14.25	48.32	21.55	19.26	0.0	0.008	30.1	5.89	2.79	200.6	0.0	0.0	0.0
428	DL	9.5	60.2	33.8	0.49	0.008	0.096	0.09	12.22	48.33	24.79	19.51	0.0	0.008	30.3	6.92	2.55	200.8	0.0	0.0	0.0
429	DL	9.2	57.9	41.7	0.45	0.007	0.092	0.11	11.15	48.34	26.89	19.67	0.0	0.009	30.6	7.66	4.19	200.8	0.0	0.0	0.0
430	DL	9.0	60.3	47.9	0.44	0.007	0.096	0.13	10.98	48.35	27.26	19.70	0.0	0.009	30.9	7.84	6.80	200.9	0.0	0.0	0.0
431	DL	8.8	63.8	51.0	0.45	0.007	0.102	0.13	11.22	48.35	26.73	19.65	0.0	0.009	31.3	7.75	7.73	201.0	0.0	0.0	0.0
432	DL	8.6	67.6	52.8	0.46	0.007	0.108	0.14	11.53	48.35	26.06	19.60	0.0	0.009	31.6	7.62	7.96	201.1	0.0	0.0	0.0
433	DL	8.4	71.7	54.6	0.47	0.007	0.114	0.14	11.83	48.35	25.45	19.55	0.0	0.009	31.9	7.50	8.37	201.1	0.0	0.0	0.0
434	DL	8.3	76.5	55.5	0.48	0.007	0.122	0.15	12.11	48.36	24.91	19.51	0.0	0.009	32.3	7.40	8.46	201.1	0.0	0.0	0.0
435	DL	8.1	82.7	57.2	0.49	0.006	0.132	0.15	12.39	48.35	24.38	19.47	0.0	0.009	32.6	7.31	9.29	201.1	0.0	0.0	0.0
436	DL	8.0	91.5	59.6	0.51	0.006	0.146	0.16	12.70	48.35	23.80	19.42	0.0	0.009	33.0	7.21	9.97	201.1	0.0	0.0	0.0
437	DL	8.0	107.0	63.7	0.52	0.006	0.171	0.17	13.11	48.35	23.08	19.37	0.0	0.009	33.5	7.06	10.87	201.1	0.0	0.0	0.0
438	DL	8.1	132.7	76.3	0.55	0.006	0.211	0.20	13.80	48.36	21.95	19.28	0.0	0.009	33.9	6.78	12.24	201.1	0.0	0.0	0.0
439	DL	8.9	154.3	99.5	0.62	0.007	0.246	0.26	15.45	48.38	19.78	19.11	0.0	0.009	34.0	6.06	14.39	201.2	0.0	0.0	0.0
440	DL	9.7	150.8	116.9	0.72	0.008	0.240	0.31	18.10	48.37	17.13	18.93	0.0	0.010	36.0	5.49	15.63	201.2	0.0	0.0	0.0
441	DL	9.6	124.7	87.9	0.79	0.008	0.199	0.23	19.71	48.34	15.85	18.84	0.0	0.010	36.3	5.13	11.69	201.4	0.0	0.0	0.0
442	DL	9.2	95.1	47.6	0.74	0.007	0.152	0.12	18.52	48.32	16.87	18.92	0.0	0.010	35.4	5.33	5.95	201.4	0.0	0.0	0.0
443	DL	8.8	72.4	21.1	0.61	0.007	0.115	0.06	15.36	48.34	20.16	19.15	0.0	0.010	34.2	6.23	2.87	201.4	0.0	0.0	0.0
444	DL	8.2	56.8	9.9	0.48	0.006	0.090	0.03	11.91	48.35	25.49	19.55	0.0	0.009	31.9	7.50	1.73	201.4	0.0	0.0	0.0
445	DL	7.3	46.3	6.2	0.37	0.006	0.074	0.02	9.23	48.35	31.99	20.07	0.0	0.009	31.7	9.58	1.32	201.4	0.0	0.0	0.0
446	DL	6.7	40.3	7.7	0.29	0.005	0.064	0.02	7.38	48.35	38.81	20.63	0.0	0.009	31.4	11.85	1.24	201.4	0.0	0.0	0.0
447	DL	6.3	39.4	21.6	0.25	0.005	0.063	0.06	6.33	48.36	44.03	21.10	0.0	0.009	31.9	14.00	2.06	201.6	0.0	0.0	0.0
448	DL	6.4	40.8	36.5	0.26	0.005	0.065	0.10	6.48	48.36	43.22	21.02	0.0	0.009	32.1	13.74	5.81	201.7	0.0	0.0	0.0
449	DL	6.5	42.9	43.6	0.29	0.005	0.068	0.11	7.34	48.37	38.91	20.65	0.0	0.009	32.2	12.21	6.83	201.8	0.0	0.0	0.0
450	DL	6.8	47.1	47.8	0.33	0.005	0.075	0.13	8.25	48.37	35.14	20.33	0.0	0.009	32.5	10.95	6.71	201.9	0.0	0.0	0.0
451	DL	7.0	54.3	51.2	0.36	0.006	0.087	0.13	9.09	48.36	32.25	20.09	0.0	0.009	32.8	10.04	7.09	201.9	0.0	0.0	0.0
452	DL	7.2	59.9	52.8	0.40	0.006	0.095	0.14	9.91	48.37	29.87	19.90	0.0	0.009	33.2	9.30	8.58	201.9	0.0	0.0	0.0
453	DL	7.1	57.7	46.6	0.42	0.006	0.092	0.12	10.51	48.37	28.37	19.78	0.0	0.009	33.1	8.78	9.09	202.0	0.0	0.0	0.0
454	DL	7.1	49.8	29.4	0.41	0.006	0.079	0.08	10.33	48.38	28.87	19.82	0.0	0.009	32.1	8.68	6.63	202.0	0.0	0.0	0.0
455	DL	7.3	43.3	16.1	0.36	0.006	0.069	0.04	9.08	48.37	32.41	20.10	0.0	0.009	31.8	9.75	2.92	202.1	0.0	0.0	0.0
456	DL	7.5	43.5	23.1	0.31	0.006	0.069	0.06	7.75	48.38	37.14	20.50	0.0	0.009	32.2	11.57	2.06	202.1	0.0	0.0	0.0
457	DL	7.8	50.4	38.8	0.30	0.006	0.080	0.10	7.51	48.38	38.04	20.57	0.0	0.009	32.5	12.02	5.60	202.1	0.0	0.0	0.0
458	DL	7.9	60.2	49.1	0.33	0.006	0.096	0.13	8.28	48.39	34.94	20.31	0.0	0.009	32.9	10.99	8.81	202.1	0.0	0.0	0.0

459	DL	7.9	71.0	54.8	0.37	0.006	0.113	0.14	9.38	48.39	31.29	20.01	0.0	0.009	33.2	9.80	9.59	202.2	0.0	0.0	0.0
460	DL	7.9	82.8	59.5	0.42	0.006	0.132	0.16	10.41	48.39	28.48	19.78	0.0	0.009	33.6	8.93	10.71	202.2	0.0	0.0	0.0
461	DL	7.9	97.1	63.9	0.45	0.006	0.155	0.17	11.33	48.38	26.35	19.62	0.0	0.009	34.1	8.31	12.38	202.2	0.0	0.0	0.0
462	DL	7.8	113.5	68.5	0.49	0.006	0.181	0.18	12.24	48.38	24.52	19.47	0.0	0.010	34.6	7.78	13.55	202.2	0.0	0.0	0.0
463	DL	7.7	122.4	70.8	0.53	0.006	0.195	0.19	13.22	48.38	22.85	19.35	0.0	0.010	35.1	7.32	14.65	202.2	0.0	0.0	0.0
464	DL	7.5	113.7	63.9	0.56	0.006	0.181	0.17	13.97	48.38	21.78	19.27	0.0	0.010	35.3	6.99	14.55	202.2	0.0	0.0	0.0
465	DL	7.3	94.1	51.0	0.55	0.006	0.150	0.13	13.85	48.37	22.02	19.29	0.0	0.010	35.2	7.05	9.29	202.2	0.0	0.0	0.0
466	DL	7.3	74.6	43.8	0.52	0.006	0.119	0.11	13.04	48.38	23.34	19.39	0.0	0.010	35.2	7.52	5.01	202.2	0.0	0.0	0.0
467	DL	7.5	61.7	42.2	0.48	0.006	0.098	0.11	12.14	48.38	24.94	19.52	0.0	0.010	35.2	8.09	3.99	202.2	0.0	0.0	0.0
468	DL	7.8	65.8	47.2	0.46	0.006	0.105	0.12	11.53	48.38	26.08	19.60	0.0	0.010	35.4	8.54	4.14	202.3	0.0	0.0	0.0
469	DL	8.5	91.3	65.2	0.47	0.007	0.146	0.17	11.68	48.38	25.68	19.57	0.0	0.010	35.9	8.51	8.70	202.3	0.0	0.0	0.0
470	DL	9.8	121.3	97.0	0.53	0.008	0.193	0.25	13.30	48.39	22.78	19.34	0.0	0.010	35.8	7.43	16.43	202.3	0.0	0.0	0.0
471	DL	11.2	134.3	146.9	0.66	0.009	0.214	0.39	16.65	48.39	18.58	19.03	0.0	0.010	37.8	6.27	19.21	202.4	0.0	0.0	0.0
472	DL	12.0	130.5	176.7	0.82	0.010	0.208	0.46	20.65	48.37	15.21	18.79	0.0	0.011	39.3	5.28	16.90	202.4	0.0	0.0	0.0
473	DL	12.1	117.8	164.0	0.93	0.010	0.188	0.43	23.24	48.34	13.60	18.69	0.0	0.011	40.3	4.83	13.83	202.6	0.0	0.0	0.0
474	DL	11.5	98.2	100.8	0.93	0.009	0.156	0.26	23.37	48.33	13.56	18.69	0.0	0.011	39.9	4.78	9.38	202.6	0.0	0.0	0.0
475	DL	11.0	78.0	50.4	0.84	0.009	0.124	0.13	20.97	48.33	15.06	18.79	0.0	0.011	39.5	5.27	4.39	202.5	0.0	0.0	0.0
476	DL	11.5	63.9	28.8	0.70	0.009	0.102	0.08	17.49	48.33	17.89	18.99	0.0	0.011	38.8	6.21	2.52	202.4	0.0	0.0	0.0
477	DL	12.4	66.0	34.7	0.57	0.010	0.105	0.09	14.34	48.35	21.43	19.25	0.0	0.011	39.1	7.61	2.12	202.3	0.0	0.0	0.0
478	DL	12.9	90.8	55.6	0.52	0.010	0.145	0.15	13.09	48.35	23.14	19.38	0.0	0.011	39.6	8.38	5.83	202.5	0.0	0.0	0.0
479	DL	12.7	132.5	81.1	0.55	0.010	0.211	0.21	13.86	48.35	21.86	19.27	0.0	0.011	40.2	7.99	12.25	202.6	0.0	0.0	0.0
480	DL	12.4	172.8	115.7	0.64	0.010	0.275	0.30	16.03	48.34	19.08	19.06	0.0	0.011	41.2	7.05	13.36	202.7	0.0	0.0	0.0
481	DL	12.0	180.4	137.3	0.76	0.010	0.287	0.36	19.11	48.35	16.23	18.86	0.0	0.012	42.2	6.09	12.44	202.8	0.0	0.0	0.0
482	DL	11.6	153.9	99.0	0.84	0.009	0.245	0.26	21.12	48.32	14.81	18.77	0.0	0.012	42.3	5.57	9.41	202.9	0.0	0.0	0.0
483	DL	11.1	121.2	44.1	0.79	0.009	0.193	0.12	19.77	48.31	15.83	18.84	0.0	0.011	40.9	5.76	4.67	203.0	0.0	0.0	0.0
484	DL	10.5	97.0	23.6	0.65	0.008	0.154	0.06	16.28	48.32	19.03	19.07	0.0	0.011	40.5	6.92	2.42	203.1	0.0	0.0	0.0
485	DL	10.1	80.1	31.0	0.54	0.008	0.128	0.08	13.44	48.32	22.68	19.34	0.0	0.011	41.0	8.48	2.54	203.1	0.0	0.0	0.0
486	DL	10.1	64.7	27.3	0.48	0.008	0.103	0.07	11.94	48.33	25.27	19.54	0.0	0.011	40.1	9.36	4.83	203.1	0.0	0.0	0.0
487	DL	9.9	51.7	14.3	0.41	0.008	0.082	0.04	10.27	48.32	29.03	19.83	0.0	0.011	39.1	10.63	2.83	203.2	0.0	0.0	0.0
488	DL	9.2	42.1	7.8	0.33	0.007	0.067	0.02	8.24	48.33	35.28	20.33	0.0	0.010	36.9	12.48	1.64	203.2	0.0	0.0	0.0
489	DL	8.3	34.7	5.3	0.26	0.007	0.055	0.01	6.56	48.33	42.90	20.99	0.0	0.010	34.3	14.61	1.32	203.3	0.0	0.0	0.0
490	DL	7.4	28.0	4.2	0.21	0.006	0.045	0.01	5.28	48.34	51.34	21.76	0.0	0.009	31.7	16.78	1.24	203.4	0.0	0.0	0.0
491	DL	6.6	22.2	3.7	0.17	0.005	0.035	0.01	4.20	48.33	61.65	22.79	0.0	0.008	29.4	19.51	1.21	203.5	0.0	0.0	0.0
492	DL	5.9	18.4	3.3	0.13	0.005	0.029	0.01	3.27	48.33	74.43	24.20	0.0	0.008	27.2	23.20	1.22	203.6	0.0	0.0	0.0
493	DL	5.3	15.9	3.1	0.10	0.004	0.025	0.01	2.60	48.33	87.37	25.84	0.0	0.007	24.6	26.32	1.13	203.7	0.0	0.0	0.0
494	DL	4.7	13.8	2.8	0.09	0.004	0.022	0.01	2.17	48.34	98.37	27.42	0.0	0.006	22.1	28.34	1.13	203.7	0.0	0.0	0.0
495	DL	4.3	11.7	3.1	0.07	0.003	0.019	0.01	1.84	48.34	109.17	29.15	0.0	0.006	20.0	30.25	1.09	203.8	0.0	0.0	0.0
496	DL	4.1	10.4	5.2	0.06	0.003	0.017	0.01	1.58	48.36	119.34	31.02	0.0	0.005	17.5	30.94	1.16	203.8	0.0	0.0	0.0
497	DL	4.2	10.0	5.6	0.06	0.003	0.016	0.01	1.51	48.36	122.51	31.66	0.0	0.004	15.4	28.41	1.74	203.9	0.0	0.0	0.0
498	DL	4.6	9.8	5.3	0.06	0.004	0.016	0.01	1.50	48.36	122.76	31.71	0.0	0.004	14.0	25.96	1.67	204.0	0.0	0.0	0.0
499	DL	4.8	9.3	7.9	0.06	0.004	0.015	0.02	1.53	48.37	121.30	31.41	0.0	0.003	11.9	21.64	1.66	204.0	0.0	0.0	0.0
500	DL	5.0	8.7	8.1	0.07	0.004	0.014	0.02	1.66	48.36	116.19	30.43	0.0	0.003	10.2	17.21	2.38	204.0	0.0	0.0	0.0
501	DL	5.2	8.2	6.8	0.07	0.004	0.013	0.02	1.71	48.36	114.13	30.05	0.0	0.003	9.5	15.42	2.03	204.0	0.0	0.0	0.0
502	DL	5.3	7.7	7.0	0.07	0.004	0.012	0.02	1.71	48.36	114.16	30.06	0.0	0.002	8.1	13.19	2.04	204.0	0.0	0.0	0.0
503	DL	5.3	7.2	8.5	0.07	0.004	0.011	0.02	1.76	48.36	112.19	29.71	0.0	0.002	6.9	11.03	2.21	203.9	0.0	0.0	0.0
504	DL	5.2	6.6	10.2	0.08	0.004	0.011	0.03	1.89	48.36	107.58	28.91	0.0	0.001	5.2	7.77	2.34	203.9	0.0	0.0	0.0
505	DL	5.1	6.3	11.7	0.08	0.004	0.010	0.03	2.08	48.37	101.70	27.95	0.0	0.001	3.4	4.68	2.56	203.9	0.0	0.0	0.0
506	DL	5.0	6.0	12.3	0.09	0.004	0.010	0.03	2.27	48.38	96.27	27.12	0.0	0.001	2.6	3.32	2.83	203.9	0.0	0.0	0.0
507	DL	4.9	5.8	12.8	0.10	0.004	0.009	0.03	2.42	48.38	92.19	26.53	0.0	0.001	1.8	2.16	2.79	203.9	0.0	0.0	0.0
508	DL	4.8	5.7	13.5	0.10	0.004	0.009	0.04	2.55	48.38	89.01	26.09	0.0	0.000	1.4	1.53	2.96	203.8	0.0	0.0	0.0
509	DL	4.6	5.5	14.1	0.11	0.004	0.009	0.04	2.69	48.40	85.92	25.68	0.0	0.000	1.1	1.12	3.17	203.7	0.0	0.0	0.0
510	DL	4.5	5.4	14.7	0.11	0.004	0.009	0.04	2.83	48.38	83.06	25.30	0.0	0.000	0.4	0.50	3.28	203.6	0.0	0.0	0.0
511	DL	4.4	5.4	14.8	0.12	0.003	0.009	0.04	2.94	48.39	80.80	25.01	0.0	0.000	0.0	0.01	3.30	203.5	0.0	0.0	0.0
512	DL	4.3	5.4	14.9	0.12	0.003	0.009	0.04	3.03	48.39	79.12	24.81	0.0	0.000	0.0	1.08	3.56	203.5	0.0	0.0	0.0
513	DL	4.2	5.3	15.0	0.12	0.003	0.009	0.04	3.10	48.40	77.83	24.65	0.0	0.000	0.0	1.10	3.68	203.5	0.0	0.0	0.0
514	DL	4.1	5.2	14.9	0.13	0.003	0.008	0.04	3.15	48.40	76.90	24.53	0.0	0.000	0.0	1.12	3.59	203.4	0.0	0.0	0.0
515	DL	4.1	5.2	12.0	0.13	0.003	0.008	0.03	3.19	48.39	76.18	24.45	0.0	0.000	0.0	1.14	3.50	203.3	0.0	0.0	0.0
516	DL	4.0	5.2	15.0	0.13	0.003	0.008	0.04	3.22	48.39	75.66	24.39	0.0	0.000	0.0	1.15	3.55	203.3	0.0	0.0	0.0
517	DL	4.0	5.2	15.1	0.13	0.003	0.008	0.04	3.25	48.41	75.20	24.33	0.0	0.000	0.0	1.16	3.59	203.2	0.0	0.0	0.0

518	DL	3.9	5.0	15.2	0.13	0.003	0.008	0.04	3.28	48.40	74.78	24.28	0.0	0.000	0.0	1.17	3.47	203.2	0.0	0.0	0.0
519	DL	3.9	5.0	15.2	0.13	0.003	0.008	0.04	3.30	48.41	74.48	24.25	0.0	0.000	0.0	1.17	3.51	203.2	0.0	0.0	0.0
520	DL	3.8	4.9	15.3	0.13	0.003	0.008	0.04	3.31	48.40	74.32	24.23	0.0	0.000	0.0	1.18	3.41	203.2	0.0	0.0	0.0
521	DL	3.8	4.9	15.2	0.13	0.003	0.008	0.04	3.32	48.41	74.11	24.20	0.0	0.000	0.0	1.18	3.39	203.2	0.0	0.0	0.0
522	DL	3.7	4.9	15.0	0.13	0.003	0.008	0.04	3.33	48.41	73.91	24.18	0.0	0.000	0.0	1.19	3.63	203.1	0.0	0.0	0.0
523	DL	3.7	4.9	15.0	0.13	0.003	0.008	0.04	3.34	48.40	73.77	24.16	0.0	0.000	0.0	1.19	3.61	203.1	0.0	0.0	0.0
524	DL	3.7	4.9	15.3	0.13	0.003	0.008	0.04	3.35	48.41	73.56	24.14	0.0	0.000	0.0	1.19	3.56	203.1	0.0	0.0	0.0
525	DL	3.6	4.8	15.1	0.13	0.003	0.008	0.04	3.37	48.41	73.40	24.12	0.0	0.000	0.0	1.20	3.53	203.1	0.0	0.0	0.0
526	DL	3.6	4.7	15.3	0.13	0.003	0.007	0.04	3.37	48.41	73.31	24.11	0.0	0.000	0.0	1.20	3.43	203.1	0.0	0.0	0.0
527	DL	3.5	4.6	15.1	0.13	0.003	0.007	0.04	3.38	48.41	73.22	24.10	0.0	0.000	0.0	1.20	3.45	203.1	0.0	0.0	0.0
528	DL	3.5	4.6	15.3	0.13	0.003	0.007	0.04	3.38	48.41	73.14	24.09	0.0	0.000	0.0	1.20	3.43	203.0	0.0	0.0	0.0
529	DL	3.5	4.5	15.1	0.13	0.003	0.007	0.04	3.38	48.41	73.11	24.09	0.0	0.000	0.0	1.20	3.52	203.1	0.0	0.0	0.0
530	DL	3.4	4.4	14.9	0.13	0.003	0.007	0.04	3.38	48.41	73.15	24.09	0.0	0.000	0.0	1.20	3.43	203.1	0.0	0.0	0.0
531	DL	3.4	4.4	14.9	0.13	0.003	0.007	0.04	3.38	48.41	73.23	24.10	0.0	0.000	0.0	1.20	3.39	203.0	0.0	0.0	0.0
532	DL	3.4	4.3	15.0	0.13	0.003	0.007	0.04	3.37	48.41	73.28	24.10	0.0	0.000	0.0	1.20	3.33	203.0	0.0	0.0	0.0
533	DL	3.4	4.3	15.2	0.13	0.003	0.007	0.04	3.38	48.41	73.23	24.10	0.0	0.000	0.0	1.20	3.29	203.0	0.0	0.0	0.0
534	DL	3.3	4.3	15.1	0.14	0.003	0.007	0.04	3.39	48.40	73.02	24.07	0.0	0.000	0.0	1.21	3.30	202.9	0.0	0.0	0.0
535	DL	3.3	4.3	15.2	0.14	0.003	0.007	0.04	3.39	48.40	72.97	24.07	0.0	0.000	0.0	1.21	3.32	202.8	0.0	0.0	0.0
536	DL	3.3	4.2	15.0	0.14	0.003	0.007	0.04	3.39	48.41	73.04	24.08	0.0	0.000	0.0	1.20	3.37	202.7	0.0	0.0	0.0
537	DL	3.3	4.2	15.0	0.13	0.003	0.007	0.04	3.39	48.40	73.10	24.08	0.0	0.000	0.0	1.20	3.39	202.7	0.0	0.0	0.0
538	DL	3.2	4.3	15.1	0.14	0.003	0.007	0.04	3.39	48.41	73.02	24.07	0.0	0.000	0.0	1.21	3.40	202.6	0.0	0.0	0.0
539	DL	3.2	4.2	15.0	0.14	0.003	0.007	0.04	3.40	48.41	72.89	24.06	0.0	0.000	0.0	1.21	3.41	202.4	0.0	0.0	0.0
540	DL	3.2	4.2	14.9	0.14	0.003	0.007	0.04	3.40	48.41	72.84	24.05	0.0	0.000	0.0	1.21	3.46	202.3	0.0	0.0	0.0
541	DL	3.2	4.2	14.9	0.14	0.003	0.007	0.04	3.40	48.41	72.83	24.05	0.0	0.000	0.0	1.21	3.53	202.4	0.0	0.0	0.0
542	DL	3.2	4.5	15.6	0.14	0.003	0.007	0.04	3.42	48.41	72.57	24.02	0.0	0.000	0.0	1.22	3.45	202.4	0.0	0.0	0.0
543	DL	3.3	5.6	18.3	0.14	0.003	0.009	0.05	3.50	48.41	71.27	23.87	0.0	0.000	1.4	0.99	3.36	202.4	0.0	0.0	0.0
544	DL	3.6	8.1	24.0	0.15	0.003	0.013	0.06	3.78	48.41	67.32	23.42	0.0	0.001	3.5	2.58	3.76	202.3	0.0	0.0	0.0
545	DL	3.9	13.1	32.0	0.17	0.003	0.021	0.08	4.37	48.41	60.05	22.64	0.0	0.001	4.8	3.05	5.78	202.4	0.0	0.0	0.0
546	DL	4.6	24.7	40.8	0.21	0.004	0.039	0.11	5.36	48.40	50.90	21.72	0.0	0.002	6.5	3.31	6.20	202.4	0.0	0.0	0.0
547	DL	5.6	47.5	52.3	0.27	0.004	0.076	0.14	6.89	48.40	41.14	20.82	0.0	0.002	8.0	3.21	9.49	202.3	0.0	0.0	0.0
548	DL	7.0	77.9	68.6	0.36	0.006	0.124	0.18	9.06	48.41	32.34	20.08	0.0	0.003	10.0	3.02	11.84	202.4	0.0	0.0	0.0
549	DL	8.6	99.4	99.7	0.48	0.007	0.159	0.26	11.96	48.41	25.23	19.52	0.0	0.003	12.1	2.77	14.10	202.4	0.0	0.0	0.0
550	DL	10.0	97.9	125.0	0.62	0.008	0.156	0.33	15.64	48.39	19.77	19.12	0.0	0.004	15.6	2.73	14.50	202.5	0.0	0.0	0.0
551	DL	10.6	82.5	110.8	0.75	0.008	0.131	0.29	18.69	48.36	16.75	18.91	0.0	0.005	17.5	2.60	11.43	202.7	0.0	0.0	0.0
552	DL	10.8	70.9	86.7	0.79	0.009	0.113	0.23	19.71	48.35	15.95	18.86	0.0	0.005	18.3	2.60	6.24	202.9	0.0	0.0	0.0
553	DL	11.4	71.8	82.6	0.78	0.009	0.114	0.22	19.42	48.33	16.17	18.87	0.0	0.005	19.2	2.76	4.08	203.0	0.0	0.0	0.0
554	DL	12.0	83.2	91.4	0.78	0.009	0.133	0.24	19.48	48.34	16.10	18.87	0.0	0.006	20.5	2.93	6.06	203.2	0.0	0.0	0.0
555	DL	11.9	106.6	104.2	0.80	0.009	0.170	0.27	20.01	48.32	15.66	18.83	0.0	0.006	23.0	3.19	7.58	203.3	0.0	0.0	0.0
556	DL	11.3	139.5	114.2	0.82	0.009	0.222	0.30	20.52	48.31	15.23	18.80	0.0	0.007	24.3	3.28	7.52	203.4	0.0	0.0	0.0
557	DL	10.6	169.8	119.4	0.85	0.008	0.270	0.31	21.20	48.31	14.73	18.76	0.0	0.007	25.9	3.37	8.65	203.5	0.0	0.0	0.0
558	DL	10.1	190.5	126.8	0.88	0.008	0.303	0.33	22.07	48.31	14.16	18.72	0.0	0.008	27.3	3.42	10.25	203.5	0.0	0.0	0.0
559	DL	10.1	207.0	139.0	0.92	0.008	0.330	0.36	23.04	48.31	13.59	18.67	0.0	0.008	28.7	3.44	10.61	203.7	0.0	0.0	0.0
560	DL	10.5	211.8	164.4	0.98	0.008	0.337	0.43	24.53	48.32	12.81	18.62	0.0	0.008	30.0	3.38	9.02	203.8	0.0	0.0	0.0
561	DL	10.8	204.6	172.6	1.07	0.009	0.326	0.45	26.69	48.30	11.84	18.56	0.0	0.009	31.6	3.27	10.55	203.9	0.0	0.0	0.0
562	DL	10.8	212.2	164.9	1.10	0.009	0.338	0.43	27.62	48.27	11.45	18.53	0.0	0.009	33.1	3.32	12.55	204.0	0.0	0.0	0.0
563	DL	10.5	216.8	153.2	1.10	0.008	0.345	0.40	27.50	48.27	11.49	18.53	0.0	0.010	34.3	3.45	9.47	204.1	0.0	0.0	0.0
564	DL	10.1	216.8	149.9	1.10	0.008	0.345	0.39	27.44	48.27	11.52	18.53	0.0	0.010	35.4	3.57	8.95	204.1	0.0	0.0	0.0
565	DL	9.8	216.8	156.8	1.11	0.008	0.345	0.41	27.78	48.27	11.38	18.52	0.0	0.010	36.7	3.65	9.68	204.2	0.0	0.0	0.0
566	DL	9.6	216.8	169.4	1.14	0.008	0.345	0.44	28.57	48.27	11.09	18.50	0.0	0.011	37.9	3.67	10.67	204.3	0.0	0.0	0.0
567	DL	9.7	216.8	179.6	1.18	0.008	0.345	0.47	29.51	48.25	10.75	18.48	0.0	0.011	39.1	3.67	11.49	204.4	0.0	0.0	0.0
568	DL	9.7	216.8	160.9	1.20	0.008	0.345	0.42	29.91	48.25	10.61	18.47	0.0	0.011	40.1	3.72	10.71	204.5	0.0	0.0	0.0
569	DL	9.5	193.0	110.5	1.15	0.008	0.307	0.29	28.66	48.24	11.08	18.51	0.0	0.011	40.0	3.88	7.19	204.7	0.0	0.0	0.0
570	DL	9.5	145.1	72.6	1.02	0.007	0.231	0.19	25.59	48.23	12.38	18.60	0.0	0.011	40.0	4.35	3.88	204.8	0.0	0.0	0.0
571	DL	9.5	111.6	54.6	0.88	0.007	0.177	0.14	21.94	48.25	14.36	18.74	0.0	0.011	39.9	5.08	2.90	204.9	0.0	0.0	0.0
572	DL	9.6	90.1	46.1	0.76	0.008	0.143	0.12	18.92	48.26	16.53	18.89	0.0	0.011	39.8	5.87	2.53	204.9	0.0	0.0	0.0
573	DL	9.8	76.8	43.6	0.67	0.008	0.122	0.11	16.78	48.25	18.48	19.04	0.0	0.011	39.7	6.61	2.40	205.0	0.0	0.0	0.0
574	DL	10.2	75.2	47.5	0.62	0.008	0.120	0.12	15.43	48.26	19.97	19.15	0.0	0.011	39.7	7.18	2.92	205.1	0.0	0.0	0.0
575	DL	10.6	93.3	61.1	0.59	0.008	0.148	0.16	14.86	48.26	20.60	19.19	0.0	0.011	40.1	7.49	4.30	205.3	0.0	0.0	0.0
576	DL	10.8	119.4	80.9	0.62	0.008	0.190	0.21	15.40	48.26	19.87	19.13	0.0	0.011	40.6	7.30	10.28	205.4	0.0	0.0	0.0

577	DL	10.7	129.3	93.3	0.67	0.008	0.206	0.24	16.84	48.26	18.29	19.01	0.0	0.011	41.3	6.79	12.17	205.4	0.0	0.0	0.0
578	DL	10.6	124.7	89.1	0.72	0.008	0.198	0.23	18.02	48.25	17.19	18.94	0.0	0.012	41.5	6.39	8.55	205.4	0.0	0.0	0.0
579	DL	10.7	120.3	86.9	0.74	0.008	0.191	0.23	18.42	48.25	16.85	18.91	0.0	0.012	41.8	6.31	5.72	205.5	0.0	0.0	0.0
580	DL	10.6	108.8	81.6	0.74	0.008	0.173	0.21	18.61	48.25	16.72	18.91	0.0	0.012	42.3	6.33	7.04	205.6	0.0	0.0	0.0
581	DL	10.6	96.6	69.8	0.73	0.008	0.154	0.18	18.25	48.25	17.05	18.93	0.0	0.012	42.1	6.44	5.06	205.6	0.0	0.0	0.0
582	DL	10.8	100.9	71.9	0.70	0.009	0.161	0.19	17.49	48.25	17.72	18.98	0.0	0.012	42.3	6.73	3.44	205.7	0.0	0.0	0.0
583	DL	11.0	107.0	81.8	0.70	0.009	0.170	0.21	17.48	48.25	17.71	18.98	0.0	0.012	43.0	6.84	6.46	205.8	0.0	0.0	0.0
584	DL	11.1	96.7	64.4	0.71	0.009	0.154	0.17	17.69	48.24	17.54	18.97	0.0	0.012	42.8	6.74	8.43	205.9	0.0	0.0	0.0
585	DL	11.1	85.2	48.7	0.66	0.009	0.135	0.13	16.56	48.24	18.69	19.05	0.0	0.012	42.5	7.15	4.50	205.9	0.0	0.0	0.0
586	DL	11.5	98.0	58.3	0.61	0.009	0.156	0.15	15.21	48.24	20.14	19.15	0.0	0.012	42.6	7.78	2.96	205.9	0.0	0.0	0.0
587	DL	11.8	133.8	94.5	0.62	0.009	0.213	0.25	15.48	48.26	19.74	19.12	0.0	0.012	43.4	7.74	6.60	205.9	0.0	0.0	0.0
588	DL	12.0	162.9	148.3	0.71	0.009	0.259	0.39	17.84	48.26	17.30	18.94	0.0	0.012	44.4	6.86	10.80	205.8	0.0	0.0	0.0
589	DL	12.1	159.4	179.0	0.86	0.010	0.254	0.47	21.41	48.26	14.62	18.75	0.0	0.013	45.6	5.90	10.97	205.9	0.0	0.0	0.0
590	DL	12.3	136.1	129.8	0.95	0.010	0.216	0.34	23.74	48.22	13.28	18.66	0.0	0.013	46.0	5.40	8.82	205.9	0.0	0.0	0.0
591	DL	13.4	119.6	76.3	0.91	0.011	0.190	0.20	22.80	48.21	13.81	18.70	0.0	0.013	45.1	5.52	4.75	205.9	0.0	0.0	0.0
592	DL	14.5	104.8	57.5	0.82	0.011	0.167	0.15	20.61	48.22	15.20	18.80	0.0	0.013	45.7	6.18	5.64	205.8	0.0	0.0	0.0
593	DL	14.9	87.0	39.9	0.74	0.012	0.138	0.10	18.46	48.21	16.89	18.92	0.0	0.012	44.9	6.79	5.02	205.8	0.0	0.0	0.0
594	DL	15.3	77.0	39.3	0.65	0.012	0.122	0.10	16.16	48.22	19.12	19.08	0.0	0.012	44.8	7.72	2.69	205.8	0.0	0.0	0.0
595	DL	15.7	77.4	57.9	0.60	0.012	0.123	0.15	14.90	48.23	20.57	19.19	0.0	0.013	45.1	8.43	3.48	205.8	0.0	0.0	0.0
596	DL	15.7	77.0	72.7	0.61	0.012	0.122	0.19	15.21	48.23	20.19	19.16	0.0	0.013	45.5	8.32	6.16	205.9	0.0	0.0	0.0
597	DL	15.3	70.0	70.6	0.64	0.012	0.111	0.18	16.00	48.22	19.30	19.10	0.0	0.013	45.6	7.95	6.00	205.9	0.0	0.0	0.0
598	DL	14.9	66.5	64.2	0.65	0.012	0.106	0.17	16.18	48.22	19.10	19.08	0.0	0.013	45.4	7.84	3.52	206.0	0.0	0.0	0.0
599	DL	15.0	71.9	74.3	0.65	0.012	0.114	0.19	16.18	48.22	19.10	19.08	0.0	0.013	45.7	7.89	3.12	206.0	0.0	0.0	0.0
600	DL	15.0	79.7	88.0	0.68	0.012	0.127	0.23	16.92	48.23	18.31	19.02	0.0	0.013	46.2	7.62	6.16	206.0	0.0	0.0	0.0
601	DL	15.2	88.2	105.7	0.72	0.012	0.140	0.28	18.12	48.22	17.17	18.94	0.0	0.013	46.5	7.16	5.68	206.2	0.0	0.0	0.0
602	DL	15.1	86.5	117.7	0.79	0.012	0.138	0.31	19.64	48.22	15.93	18.85	0.0	0.013	47.4	6.74	5.93	206.3	0.0	0.0	0.0
603	DL	14.7	73.2	92.9	0.83	0.012	0.116	0.24	20.61	48.21	15.25	18.81	0.0	0.013	47.4	6.44	4.98	206.4	0.0	0.0	0.0
604	DL	14.5	59.1	59.1	0.79	0.011	0.094	0.15	19.80	48.21	15.86	18.85	0.0	0.013	47.0	6.66	3.03	206.6	0.0	0.0	0.0
605	DL	14.7	49.3	41.7	0.71	0.012	0.078	0.11	17.79	48.20	17.56	18.98	0.0	0.013	46.7	7.37	2.20	206.7	0.0	0.0	0.0
606	DL	15.2	45.4	41.3	0.64	0.012	0.072	0.11	15.97	48.21	19.41	19.11	0.0	0.013	46.5	8.17	1.98	206.8	0.0	0.0	0.0
607	DL	15.8	56.3	56.7	0.60	0.012	0.089	0.15	15.09	48.22	20.40	19.18	0.0	0.013	46.7	8.65	2.40	206.9	0.0	0.0	0.0
608	DL	16.3	86.5	93.0	0.63	0.013	0.137	0.24	15.64	48.22	19.66	19.12	0.0	0.013	47.1	8.38	4.31	207.0	0.0	0.0	0.0
609	DL	16.6	110.7	154.7	0.73	0.013	0.176	0.40	18.21	48.23	17.08	18.93	0.0	0.013	48.2	7.35	7.75	207.1	0.0	0.0	0.0
610	DL	16.6	109.1	179.4	0.87	0.013	0.173	0.47	21.78	48.21	14.44	18.74	0.0	0.014	49.2	6.29	8.63	207.3	0.0	0.0	0.0
611	DL	16.4	92.2	149.6	0.96	0.013	0.146	0.39	24.08	48.20	13.14	18.66	0.0	0.014	49.6	5.76	6.51	207.4	0.0	0.0	0.0
612	DL	16.3	72.8	90.1	0.96	0.013	0.116	0.24	23.98	48.17	13.21	18.67	0.0	0.014	49.3	5.77	4.20	207.5	0.0	0.0	0.0
613	DL	16.5	57.5	50.6	0.86	0.013	0.091	0.13	21.47	48.17	14.71	18.77	0.0	0.014	48.7	6.37	2.57	207.6	0.0	0.0	0.0
614	DL	17.0	48.1	41.7	0.74	0.013	0.076	0.11	18.46	48.17	16.95	18.93	0.0	0.014	48.6	7.38	2.09	207.8	0.0	0.0	0.0
615	DL	17.5	45.7	49.7	0.66	0.014	0.073	0.13	16.60	48.19	18.70	19.06	0.0	0.013	48.5	8.19	2.22	208.0	0.0	0.0	0.0
616	DL	18.0	54.8	67.9	0.65	0.014	0.087	0.18	16.17	48.19	19.13	19.09	0.0	0.014	48.7	8.42	3.00	208.1	0.0	0.0	0.0
617	DL	18.5	74.8	101.5	0.68	0.015	0.119	0.26	17.10	48.19	18.13	19.01	0.0	0.014	49.1	8.00	4.53	208.3	0.0	0.0	0.0
618	DL	18.6	85.1	136.0	0.78	0.015	0.135	0.36	19.47	48.20	16.07	18.86	0.0	0.014	49.9	7.15	6.14	208.4	0.0	0.0	0.0
619	DL	18.1	77.2	112.5	0.87	0.014	0.123	0.29	21.72	48.18	14.50	18.76	0.0	0.014	50.2	6.48	5.86	208.5	0.0	0.0	0.0
620	DL	17.8	63.7	77.4	0.87	0.014	0.101	0.20	21.68	48.16	14.54	18.76	0.0	0.014	49.9	6.44	3.47	208.6	0.0	0.0	0.0
621	DL	17.8	52.0	65.6	0.81	0.014	0.083	0.17	20.34	48.17	15.46	18.83	0.0	0.014	49.9	6.88	2.48	208.8	0.0	0.0	0.0
622	DL	18.0	42.8	61.1	0.76	0.014	0.068	0.16	19.05	48.17	16.46	18.90	0.0	0.014	49.9	7.35	2.44	208.9	0.0	0.0	0.0
623	DL	18.4	36.8	43.5	0.71	0.014	0.059	0.11	17.71	48.18	17.63	18.98	0.0	0.014	49.4	7.84	2.47	209.1	0.0	0.0	0.0
624	DL	19.6	40.3	35.0	0.63	0.015	0.064	0.09	15.65	48.18	19.77	19.14	0.0	0.013	48.6	8.70	1.86	209.1	0.0	0.0	0.0
625	DL	20.7	58.0	62.5	0.58	0.016	0.092	0.16	14.39	48.19	21.27	19.24	0.0	0.014	49.1	9.52	2.59	209.3	0.0	0.0	0.0
626	DL	21.1	73.9	101.7	0.62	0.017	0.117	0.27	15.50	48.19	19.86	19.14	0.0	0.014	49.6	8.92	6.81	209.4	0.0	0.0	0.0
627	DL	20.5	72.2	99.4	0.72	0.016	0.115	0.26	17.86	48.19	17.42	18.96	0.0	0.014	50.2	7.84	7.08	209.5	0.0	0.0	0.0
628	DL	19.8	62.5	66.8	0.74	0.016	0.099	0.17	18.59	48.17	16.78	18.92	0.0	0.014	49.4	7.44	4.26	209.6	0.0	0.0	0.0
629	DL	19.8	54.4	62.1	0.71	0.016	0.086	0.16	17.70	48.18	17.59	18.98	0.0	0.014	49.6	7.83	2.66	209.7	0.0	0.0	0.0
630	DL	19.8	46.6	57.9	0.68	0.016	0.074	0.15	17.08	48.18	18.20	19.02	0.0	0.014	49.7	8.15	3.41	209.8	0.0	0.0	0.0
631	DL	20.2	38.6	41.0	0.65	0.016	0.061	0.11	16.17	48.18	19.18	19.09	0.0	0.014	48.9	8.49	2.62	209.8	0.0	0.0	0.0
632	DL	20.7	32.2	32.3	0.58	0.016	0.051	0.08	14.58	48.18	21.12	19.24	0.0	0.014	48.8	9.39	2.11	210.0	0.0	0.0	0.0
633	DL	21.3	28.5	23.4	0.52	0.017	0.045	0.06	12.87	48.19	23.68	19.43	0.0	0.013	47.9	10.43	2.08	210.0	0.0	0.0	0.0
634	DL	21.5	31.9	29.8	0.45	0.017	0.051	0.08	11.26	48.19	26.67	19.66	0.0	0.013	47.8	11.85	1.61	210.0	0.0	0.0	0.0
635	DL	21.6	52.7	54.9	0.44	0.017	0.084	0.14	10.97	48.20	27.17	19.69	0.0	0.013	47.9	12.13	2.48	210.1	0.0	0.0	0.0

636	DL	21.7	84.6	102.8	0.51	0.017	0.134	0.27	12.65	48.20	23.87	19.43	0.0	0.013	48.5	10.62	6.21	210.1	0.0	0.0	0.0
637	DL	21.3	98.2	147.2	0.65	0.017	0.156	0.38	16.29	48.21	18.97	19.06	0.0	0.014	49.4	8.42	8.73	210.1	0.0	0.0	0.0
638	DL	20.3	87.7	126.4	0.79	0.016	0.139	0.33	19.82	48.19	15.79	18.84	0.0	0.014	49.9	7.03	7.31	210.1	0.0	0.0	0.0
639	DL	19.5	71.2	88.9	0.83	0.015	0.113	0.23	20.76	48.16	15.13	18.80	0.0	0.014	49.6	6.69	4.10	210.1	0.0	0.0	0.0
640	DL	19.1	58.3	74.6	0.80	0.015	0.093	0.19	19.96	48.17	15.72	18.84	0.0	0.014	49.7	6.97	2.73	210.0	0.0	0.0	0.0
641	DL	19.0	49.9	73.3	0.76	0.015	0.079	0.19	19.07	48.18	16.42	18.89	0.0	0.014	49.8	7.31	2.59	210.0	0.0	0.0	0.0
642	DL	19.1	45.0	76.5	0.75	0.015	0.072	0.20	18.62	48.18	16.80	18.92	0.0	0.014	49.9	7.51	2.79	210.1	0.0	0.0	0.0
643	DL	19.2	42.7	81.5	0.75	0.015	0.068	0.21	18.64	48.18	16.79	18.92	0.0	0.014	50.1	7.54	3.09	210.1	0.0	0.0	0.0
644	DL	19.3	41.6	86.3	0.76	0.015	0.066	0.23	18.98	48.18	16.51	18.90	0.0	0.014	50.3	7.43	3.41	210.2	0.0	0.0	0.0
645	DL	19.4	39.3	84.8	0.78	0.015	0.062	0.22	19.40	48.18	16.18	18.88	0.0	0.014	50.6	7.31	3.74	210.2	0.0	0.0	0.0
646	DL	19.6	34.5	60.4	0.77	0.015	0.055	0.16	19.27	48.16	16.29	18.89	0.0	0.014	50.4	7.35	3.51	210.3	0.0	0.0	0.0
647	DL	20.9	30.2	37.6	0.71	0.016	0.048	0.10	17.60	48.16	17.75	18.99	0.0	0.014	49.5	7.91	2.36	210.3	0.0	0.0	0.0
648	DL	22.1	33.7	40.4	0.62	0.017	0.054	0.11	15.43	48.17	20.03	19.16	0.0	0.014	49.5	8.99	1.96	210.4	0.0	0.0	0.0
649	DL	22.9	50.6	68.7	0.59	0.018	0.080	0.18	14.65	48.19	20.93	19.22	0.0	0.014	49.6	9.46	2.72	210.4	0.0	0.0	0.0
650	DL	23.1	66.0	110.9	0.64	0.018	0.105	0.29	16.07	48.19	19.22	19.09	0.0	0.014	50.3	8.73	6.15	210.5	0.0	0.0	0.0
651	DL	22.3	65.6	111.4	0.74	0.018	0.104	0.29	18.54	48.18	16.83	18.92	0.0	0.014	50.9	7.68	6.65	210.6	0.0	0.0	0.0
652	DL	21.5	58.4	89.4	0.79	0.017	0.093	0.23	19.71	48.16	15.89	18.86	0.0	0.014	50.6	7.19	4.18	210.8	0.0	0.0	0.0
653	DL	21.2	54.1	88.7	0.79	0.017	0.086	0.23	19.79	48.16	15.84	18.85	0.0	0.014	50.9	7.20	3.06	210.9	0.0	0.0	0.0
654	DL	21.1	51.8	94.3	0.81	0.017	0.082	0.25	20.15	48.15	15.58	18.84	0.0	0.014	51.2	7.12	3.72	211.0	0.0	0.0	0.0
655	DL	20.9	53.8	94.1	0.83	0.016	0.085	0.25	20.64	48.15	15.23	18.81	0.0	0.014	51.4	6.98	3.75	211.1	0.0	0.0	0.0
656	DL	20.9	56.1	103.3	0.85	0.016	0.089	0.27	21.12	48.15	14.90	18.79	0.0	0.014	51.7	6.85	3.27	211.2	0.0	0.0	0.0
657	DL	20.6	51.3	89.1	0.87	0.016	0.081	0.23	21.58	48.14	14.61	18.77	0.0	0.014	51.9	6.75	4.53	211.4	0.0	0.0	0.0
658	DL	20.3	44.8	71.2	0.84	0.016	0.071	0.19	20.94	48.14	15.04	18.80	0.0	0.014	51.6	6.92	2.99	211.5	0.0	0.0	0.0
659	DL	20.5	46.8	72.1	0.80	0.016	0.074	0.19	19.84	48.14	15.82	18.85	0.0	0.014	51.6	7.30	2.51	211.6	0.0	0.0	0.0
660	DL	21.2	59.7	102.6	0.79	0.017	0.095	0.27	19.64	48.15	15.95	18.86	0.0	0.014	51.9	7.39	2.88	211.8	0.0	0.0	0.0
661	DL	21.7	68.3	148.3	0.85	0.017	0.108	0.39	21.23	48.15	14.83	18.78	0.0	0.015	52.7	6.95	5.13	211.9	0.0	0.0	0.0
662	DL	21.5	63.8	149.5	0.95	0.017	0.101	0.39	23.64	48.15	13.40	18.68	0.0	0.015	53.3	6.32	5.93	212.1	0.0	0.0	0.0
663	DL	21.1	54.1	114.6	1.00	0.017	0.086	0.30	24.83	48.12	12.79	18.64	0.0	0.015	53.5	6.05	4.35	212.3	0.0	0.0	0.0
664	DL	20.9	46.1	87.7	0.97	0.016	0.073	0.23	24.19	48.11	13.12	18.66	0.0	0.015	53.3	6.18	2.99	212.4	0.0	0.0	0.0
665	DL	21.0	40.6	79.7	0.92	0.016	0.064	0.21	22.90	48.12	13.82	18.71	0.0	0.015	53.3	6.54	2.39	212.5	0.0	0.0	0.0
666	DL	21.1	36.2	77.4	0.88	0.017	0.057	0.20	21.90	48.12	14.43	18.76	0.0	0.015	53.3	6.84	2.40	212.6	0.0	0.0	0.0
667	DL	21.2	32.2	74.7	0.85	0.017	0.051	0.19	21.15	48.13	14.92	18.79	0.0	0.015	53.3	7.08	2.41	212.7	0.0	0.0	0.0
668	DL	21.3	28.5	62.4	0.82	0.017	0.045	0.16	20.33	48.13	15.49	18.83	0.0	0.015	53.2	7.36	2.42	212.9	0.0	0.0	0.0
669	DL	22.2	26.9	38.9	0.75	0.017	0.043	0.10	18.79	48.12	16.69	18.92	0.0	0.015	52.5	7.86	2.19	213.0	0.0	0.0	0.0
670	DL	24.0	32.9	32.4	0.66	0.019	0.052	0.08	16.43	48.13	18.90	19.07	0.0	0.014	51.7	8.83	1.73	213.1	0.0	0.0	0.0
671	DL	25.7	46.2	62.4	0.60	0.020	0.073	0.16	15.02	48.14	20.46	19.19	0.0	0.014	52.1	9.69	2.59	213.2	0.0	0.0	0.0
672	DL	26.0	53.1	88.1	0.64	0.020	0.084	0.23	16.07	48.16	19.23	19.09	0.0	0.015	52.6	9.14	6.49	213.3	0.0	0.0	0.0
673	DL	25.6	56.3	76.0	0.70	0.020	0.089	0.20	17.56	48.13	17.69	18.98	0.0	0.015	52.3	8.34	5.13	213.4	0.0	0.0	0.0
674	DL	25.9	61.9	87.4	0.72	0.020	0.098	0.23	18.00	48.13	17.27	18.95	0.0	0.015	52.3	8.12	3.35	213.5	0.0	0.0	0.0
675	DL	25.7	61.2	106.6	0.77	0.020	0.097	0.28	19.11	48.14	16.35	18.89	0.0	0.015	53.0	7.75	5.46	213.6	0.0	0.0	0.0
676	DL	24.8	53.6	96.7	0.82	0.020	0.085	0.25	20.37	48.14	15.41	18.82	0.0	0.015	53.1	7.30	4.28	213.6	0.0	0.0	0.0
677	DL	24.1	44.7	68.2	0.82	0.019	0.071	0.18	20.40	48.12	15.40	18.82	0.0	0.015	52.8	7.26	3.25	213.6	0.0	0.0	0.0
678	DL	23.9	38.7	57.5	0.77	0.019	0.061	0.15	19.08	48.12	16.41	18.90	0.0	0.015	52.5	7.72	2.35	213.7	0.0	0.0	0.0
679	DL	24.1	36.3	67.8	0.72	0.019	0.058	0.18	18.06	48.13	17.28	18.96	0.0	0.015	52.5	8.16	2.52	213.7	0.0	0.0	0.0
680	DL	24.1	35.0	78.9	0.73	0.019	0.055	0.21	18.10	48.14	17.24	18.96	0.0	0.015	52.7	8.17	3.12	213.6	0.0	0.0	0.0
681	DL	23.7	32.6	78.0	0.75	0.019	0.052	0.20	18.62	48.14	16.81	18.93	0.0	0.015	52.8	7.97	3.26	213.6	0.0	0.0	0.0
682	DL	23.4	33.4	71.2	0.75	0.018	0.053	0.19	18.76	48.14	16.68	18.92	0.0	0.015	52.7	7.88	2.69	213.6	0.0	0.0	0.0
683	DL	23.6	47.9	85.2	0.75	0.019	0.076	0.22	18.69	48.14	16.72	18.92	0.0	0.015	52.7	7.90	2.46	213.7	0.0	0.0	0.0
684	DL	24.4	66.2	142.7	0.80	0.019	0.105	0.37	19.93	48.14	15.72	18.84	0.0	0.015	53.3	7.47	3.81	213.6	0.0	0.0	0.0
685	DL	24.4	68.5	173.1	0.92	0.019	0.109	0.45	23.01	48.15	13.75	18.70	0.0	0.015	54.3	6.60	6.97	213.6	0.0	0.0	0.0
686	DL	23.9	60.2	145.1	1.02	0.019	0.095	0.38	25.36	48.12	12.53	18.62	0.0	0.015	54.5	6.03	6.66	213.6	0.0	0.0	0.0
687	DL	23.5	50.2	112.0	1.04	0.018	0.080	0.29	25.83	48.10	12.32	18.61	0.0	0.015	54.8	5.96	4.38	213.7	0.0	0.0	0.0
688	DL	23.4	41.5	75.9	0.99	0.018	0.066	0.20	24.78	48.09	12.82	18.64	0.0	0.015	54.5	6.19	3.29	213.7	0.0	0.0	0.0
689	DL	23.9	37.4	63.8	0.90	0.019	0.059	0.17	22.55	48.09	14.03	18.73	0.0	0.015	54.2	6.76	2.51	213.7	0.0	0.0	0.0
690	DL	24.6	38.9	79.4	0.84	0.019	0.062	0.21	21.00	48.11	14.99	18.80	0.0	0.015	54.4	7.27	2.67	213.9	0.0	0.0	0.0
691	DL	25.2	40.8	103.0	0.85	0.020	0.065	0.27	21.15	48.12	14.90	18.79	0.0	0.015	54.7	7.26	3.55	214.0	0.0	0.0	0.0
692	DL	25.1	38.6	105.6	0.89	0.020	0.061	0.28	22.22	48.11	14.22	18.74	0.0	0.015	55.1	6.97	4.19	214.1	0.0	0.0	0.0
693	DL	24.7	34.1	80.6	0.91	0.019	0.054	0.21	22.56	48.08	14.01	18.73	0.0	0.015	55.0	6.85	3.44	214.1	0.0	0.0	0.0
694	DL	24.8	30.6	65.8	0.86	0.019	0.048	0.17	21.49	48.09	14.68	18.77	0.0	0.015	54.6	7.14	2.54	214.1	0.0	0.0	0.0

695 DL	24.9	29.0	70.7	0.81	0.020	0.046	0.18	20.30	48.10	15.49	18.83	0.0	0.015	54.7	7.57	2.50	214.3	0.0	0.0	0.0
696 DL	24.9	28.7	79.6	0.80	0.020	0.046	0.21	19.97	48.11	15.74	18.85	0.0	0.015	54.7	7.70	2.67	214.4	0.0	0.0	0.0
697 DL	24.9	29.0	87.4	0.81	0.020	0.046	0.23	20.28	48.11	15.51	18.83	0.0	0.015	54.9	7.60	2.77	214.6	0.0	0.0	0.0
698 DL	24.8	29.0	92.6	0.84	0.020	0.046	0.24	20.86	48.11	15.11	18.80	0.0	0.015	55.0	7.41	2.94	214.8	0.0	0.0	0.0
699 DL	24.8	28.0	86.0	0.86	0.019	0.044	0.22	21.42	48.10	14.73	18.78	0.0	0.015	55.2	7.24	3.02	214.9	0.0	0.0	0.0
700 DL	25.1	28.4	64.1	0.85	0.020	0.045	0.17	21.12	48.09	14.92	18.79	0.0	0.015	54.8	7.30	3.07	215.1	0.0	0.0	0.0
701 DL	26.1	33.2	71.1	0.80	0.021	0.053	0.19	20.02	48.09	15.68	18.84	0.0	0.015	54.6	7.65	2.48	215.2	0.0	0.0	0.0
702 DL	26.8	36.5	92.3	0.80	0.021	0.058	0.24	20.06	48.11	15.65	18.84	0.0	0.015	55.1	7.71	4.04	215.3	0.0	0.0	0.0
703 DL	26.9	34.0	67.3	0.82	0.021	0.054	0.18	20.49	48.09	15.34	18.82	0.0	0.015	55.0	7.54	4.37	215.5	0.0	0.0	0.0
704 DL	27.4	29.6	35.3	0.75	0.022	0.047	0.09	18.69	48.08	16.76	18.92	0.0	0.015	53.7	8.07	2.78	215.6	0.0	0.0	0.0
705 DL	28.3	27.4	35.0	0.63	0.022	0.043	0.09	15.77	48.10	19.62	19.13	0.0	0.015	53.5	9.52	1.96	215.7	0.0	0.0	0.0
706 DL	28.9	28.5	54.2	0.58	0.023	0.045	0.14	14.53	48.12	21.12	19.24	0.0	0.015	53.5	10.32	2.35	215.9	0.0	0.0	0.0
707 DL	28.9	31.4	75.9	0.61	0.023	0.050	0.20	15.21	48.12	20.26	19.18	0.0	0.015	53.7	9.88	3.15	216.0	0.0	0.0	0.0
708 DL	28.4	33.4	92.5	0.68	0.022	0.053	0.24	16.88	48.12	18.41	19.04	0.0	0.015	53.9	8.96	3.66	216.1	0.0	0.0	0.0
709 DL	27.6	32.0	91.3	0.75	0.022	0.051	0.24	18.67	48.12	16.75	18.92	0.0	0.015	54.2	8.15	3.86	216.2	0.0	0.0	0.0
711 DL	26.9	29.8	69.4	0.78	0.021	0.047	0.18	19.39	48.11	16.17	18.88	0.0	0.016	54.0	8.60	3.15	216.4	0.0	0.0	0.0
711 DL	26.8	36.5	64.8	0.75	0.021	0.058	0.17	18.79	48.10	16.64	18.91	0.0	0.013	53.6	7.21	2.35	216.5	0.0	0.0	0.0
712 DL	27.4	56.0	108.6	0.75	0.022	0.089	0.28	18.74	48.12	16.65	18.91	0.0	0.015	53.9	8.04	2.73	216.7	0.0	0.0	0.0
714 DL	27.9	69.2	182.0	0.84	0.022	0.110	0.47	21.04	48.12	14.94	18.79	0.0	0.017	54.9	8.01	5.94	216.7	0.0	0.0	0.0
715 DL	27.4	66.2	188.5	0.99	0.022	0.105	0.49	24.70	48.10	12.84	18.64	0.0	0.015	55.7	6.32	7.51	216.9	0.0	0.0	0.0
715 DL	26.8	60.3	142.3	1.07	0.021	0.096	0.37	26.62	48.08	11.95	18.58	0.0	0.014	55.7	5.29	6.33	217.0	0.0	0.0	0.0
717 DL	27.1	60.9	147.1	1.08	0.021	0.096	0.38	26.82	48.07	11.86	18.57	0.0	0.017	56.0	6.44	4.23	217.0	0.0	0.0	0.0
718 DL	27.5	60.0	173.1	1.11	0.022	0.095	0.45	27.73	48.09	11.50	18.55	0.0	0.016	56.8	5.75	4.54	217.1	0.0	0.0	0.0
719 DL	27.2	53.2	133.1	1.15	0.021	0.084	0.35	28.60	48.08	11.17	18.53	0.0	0.016	57.1	5.60	5.78	217.2	0.0	0.0	0.0
720 DL	27.2	44.7	78.5	1.10	0.021	0.071	0.20	27.26	48.04	11.70	18.56	0.0	0.016	56.6	5.84	4.26	217.2	0.0	0.0	0.0
721 DL	28.6	38.8	49.8	0.96	0.022	0.061	0.13	23.95	48.05	13.25	18.67	0.0	0.015	55.7	6.54	2.93	217.2	0.0	0.0	0.0
722 DL	30.4	38.7	60.1	0.83	0.024	0.061	0.16	20.71	48.06	15.18	18.81	0.0	0.015	55.8	7.55	2.46	217.2	0.0	0.0	0.0
723 DL	31.3	41.0	88.9	0.80	0.025	0.065	0.23	19.89	48.09	15.75	18.85	0.0	0.016	56.1	7.90	3.71	217.2	0.0	0.0	0.0
724 DL	31.0	40.0	100.0	0.84	0.024	0.063	0.26	20.95	48.09	15.02	18.80	0.0	0.016	56.4	7.55	4.72	217.3	0.0	0.0	0.0
725 DL	30.5	36.2	73.6	0.87	0.024	0.057	0.19	21.64	48.07	14.56	18.77	0.0	0.016	56.1	7.28	4.11	217.3	0.0	0.0	0.0
726 DL	31.0	33.4	55.5	0.83	0.024	0.053	0.14	20.62	48.06	15.24	18.81	0.0	0.015	55.4	7.55	2.95	217.3	0.0	0.0	0.0
727 DL	31.8	35.2	70.0	0.78	0.025	0.056	0.18	19.42	48.08	16.12	18.88	0.0	0.015	55.6	8.03	2.72	217.3	0.0	0.0	0.0
728 DL	32.1	43.8	104.4	0.79	0.025	0.069	0.27	19.78	48.08	15.83	18.85	0.0	0.016	55.9	7.91	3.52	217.2	0.0	0.0	0.0
729 DL	32.1	51.2	155.5	0.88	0.025	0.081	0.41	21.89	48.10	14.40	18.75	0.0	0.016	56.5	7.23	4.65	217.2	0.0	0.0	0.0
730 DL	31.3	49.8	158.0	0.99	0.025	0.079	0.41	24.74	48.08	12.82	18.64	0.0	0.016	57.2	6.48	6.02	217.2	0.0	0.0	0.0
731 DL	30.1	43.9	121.8	1.05	0.024	0.070	0.32	26.13	48.06	12.17	18.60	0.0	0.016	57.1	6.14	4.91	217.3	0.0	0.0	0.0
732 DL	29.4	38.4	100.7	1.04	0.023	0.061	0.26	25.78	48.05	12.33	18.61	0.0	0.016	57.1	6.22	3.56	217.3	0.0	0.0	0.0
733 DL	28.9	35.2	96.6	1.00	0.023	0.056	0.25	25.03	48.06	12.69	18.64	0.0	0.016	57.2	6.42	3.28	217.3	0.0	0.0	0.0
734 DL	28.8	36.3	101.6	0.99	0.023	0.057	0.26	24.55	48.06	12.93	18.65	0.0	0.016	57.3	6.56	3.35	217.5	0.0	0.0	0.0
735 DL	29.2	39.5	123.8	0.99	0.023	0.063	0.32	24.76	48.07	12.82	18.64	0.0	0.016	57.6	6.53	3.62	217.6	0.0	0.0	0.0
736 DL	29.1	38.9	116.0	1.03	0.023	0.062	0.30	25.61	48.07	12.42	18.62	0.0	0.016	58.1	6.37	4.65	217.7	0.0	0.0	0.0
737 DL	28.9	37.2	93.8	1.02	0.023	0.059	0.24	25.44	48.05	12.49	18.62	0.0	0.016	57.6	6.37	3.83	217.8	0.0	0.0	0.0
738 DL	29.2	36.4	102.9	0.99	0.023	0.058	0.27	24.75	48.05	12.82	18.64	0.0	0.016	57.9	6.57	3.36	217.9	0.0	0.0	0.0
739 DL	29.3	34.6	111.1	1.00	0.023	0.055	0.29	25.00	48.06	12.70	18.64	0.0	0.016	58.2	6.54	4.15	218.0	0.0	0.0	0.0
740 DL	29.1	31.6	93.1	1.01	0.023	0.050	0.24	25.22	48.06	12.61	18.63	0.0	0.016	58.2	6.49	3.97	218.1	0.0	0.0	0.0
741 DL	29.0	29.0	73.9	0.98	0.023	0.046	0.19	24.28	48.04	13.07	18.66	0.0	0.016	57.9	6.70	3.16	218.3	0.0	0.0	0.0
742 DL	29.3	27.9	74.8	0.92	0.023	0.044	0.19	22.90	48.05	13.81	18.71	0.0	0.016	57.7	7.09	2.76	218.5	0.0	0.0	0.0
743 DL	29.6	28.2	88.4	0.89	0.023	0.045	0.23	22.24	48.06	14.20	18.74	0.0	0.016	57.9	7.31	3.12	218.6	0.0	0.0	0.0
744 DL	29.7	27.7	92.0	0.90	0.023	0.044	0.24	22.48	48.06	14.06	18.73	0.0	0.016	58.0	7.25	3.86	218.8	0.0	0.0	0.0
745 DL	29.9	25.3	62.1	0.89	0.023	0.040	0.16	22.28	48.04	14.18	18.74	0.0	0.016	57.7	7.29	3.98	218.9	0.0	0.0	0.0
746 DL	29.7	22.5	29.0	0.81	0.023	0.036	0.08	20.06	48.04	15.68	18.84	0.0	0.016	56.4	7.92	2.89	219.1	0.0	0.0	0.0
747 DL	28.6	25.3	23.3	0.66	0.022	0.040	0.06	16.48	48.06	18.86	19.07	0.0	0.015	55.6	9.47	1.84	219.3	0.0	0.0	0.0
748 DL	28.4	34.9	57.0	0.57	0.022	0.055	0.15	14.26	48.07	21.46	19.26	0.0	0.015	55.8	10.94	2.27	219.5	0.0	0.0	0.0
749 DL	28.6	40.3	91.3	0.61	0.022	0.064	0.24	15.30	48.09	20.13	19.16	0.0	0.016	56.2	10.28	5.48	219.7	0.0	0.0	0.0
750 DL	28.3	37.6	77.3	0.70	0.022	0.060	0.20	17.34	48.07	17.91	19.00	0.0	0.016	56.2	9.08	5.14	219.8	0.0	0.0	0.0
751 DL	28.7	32.3	48.8	0.70	0.023	0.051	0.13	17.54	48.05	17.73	18.99	0.0	0.015	55.5	8.87	3.30	219.9	0.0	0.0	0.0
752 DL	29.9	28.1	36.6	0.65	0.023	0.044	0.10	16.23	48.06	19.06	19.09	0.0	0.015	55.0	9.51	2.40	219.9	0.0	0.0	0.0
753 DL	31.2	26.9	42.1	0.59	0.024	0.043	0.11	14.81	48.07	20.74	19.21	0.0	0.015	54.7	10.34	2.28	220.0	0.0	0.0	0.0
754 DL	31.9	28.9	62.9	0.58	0.025	0.046	0.16	14.48	48.07	21.16	19.24	0.0	0.015	54.8	10.59	2.81	220.1	0.0	0.0	0.0

755	DL	31.9	32.6	85.9	0.62	0.025	0.052	0.22	15.53	48.08	19.85	19.14	0.0	0.015	55.0	9.90	3.46	220.2	0.0	0.0	0.0
756	DL	31.4	34.1	101.1	0.70	0.025	0.054	0.26	17.33	48.08	17.94	19.00	0.0	0.015	55.3	8.93	3.93	220.3	0.0	0.0	0.0
757	DL	30.4	32.5	98.1	0.76	0.024	0.051	0.26	19.05	48.07	16.42	18.90	0.0	0.015	55.4	8.16	3.93	220.4	0.0	0.0	0.0
758	DL	29.5	29.7	89.1	0.80	0.023	0.047	0.23	19.98	48.07	15.71	18.85	0.0	0.015	55.4	7.78	3.07	220.5	0.0	0.0	0.0
759	DL	28.8	26.7	67.5	0.81	0.023	0.042	0.18	20.05	48.07	15.66	18.84	0.0	0.015	55.3	7.76	2.83	220.6	0.0	0.0	0.0
760	DL	28.6	24.1	34.5	0.75	0.022	0.038	0.09	18.55	48.06	16.86	18.93	0.0	0.015	54.1	8.20	2.38	220.7	0.0	0.0	0.0
761	DL	28.0	24.0	27.5	0.63	0.022	0.038	0.07	15.73	48.08	19.68	19.13	0.0	0.015	53.5	9.54	1.70	220.7	0.0	0.0	0.0
762	DL	27.9	28.8	51.9	0.56	0.022	0.046	0.14	13.95	48.09	21.92	19.30	0.0	0.015	53.7	10.77	2.21	220.7	0.0	0.0	0.0
763	DL	28.1	34.1	82.3	0.59	0.022	0.054	0.21	14.63	48.09	20.99	19.23	0.0	0.015	53.9	10.32	3.89	220.7	0.0	0.0	0.0
764	DL	27.7	34.3	87.0	0.67	0.022	0.054	0.23	16.58	48.09	18.70	19.06	0.0	0.015	54.2	9.17	4.60	220.7	0.0	0.0	0.0
765	DL	27.1	31.8	68.0	0.71	0.021	0.050	0.18	17.62	48.06	17.66	18.99	0.0	0.015	53.8	8.57	3.47	220.7	0.0	0.0	0.0
766	DL	27.0	31.0	67.6	0.70	0.021	0.049	0.18	17.45	48.06	17.82	19.00	0.0	0.015	53.8	8.64	2.58	220.6	0.0	0.0	0.0
767	DL	27.1	32.4	82.0	0.71	0.021	0.051	0.21	17.62	48.08	17.67	18.99	0.0	0.015	54.0	8.60	3.04	220.6	0.0	0.0	0.0
768	DL	27.1	32.4	91.4	0.75	0.021	0.051	0.24	18.62	48.09	16.79	18.92	0.0	0.015	54.2	8.17	3.77	220.5	0.0	0.0	0.0
769	DL	26.6	29.8	82.6	0.79	0.021	0.047	0.22	19.58	48.08	16.02	18.87	0.0	0.015	54.3	7.79	3.60	220.5	0.0	0.0	0.0
770	DL	26.2	26.9	63.7	0.78	0.021	0.043	0.17	19.48	48.07	16.10	18.88	0.0	0.015	54.0	7.79	2.83	220.4	0.0	0.0	0.0
771	DL	26.2	25.4	57.6	0.74	0.021	0.040	0.15	18.50	48.07	16.90	18.93	0.0	0.015	53.8	8.17	2.40	220.3	0.0	0.0	0.0
772	DL	26.4	26.0	67.8	0.72	0.021	0.041	0.18	17.81	48.08	17.50	18.98	0.0	0.015	53.8	8.49	2.61	220.3	0.0	0.0	0.0
773	DL	26.5	26.0	74.4	0.72	0.021	0.041	0.19	18.05	48.08	17.29	18.96	0.0	0.015	54.1	8.41	3.20	220.3	0.0	0.0	0.0
774	DL	26.1	23.6	50.9	0.73	0.020	0.037	0.13	18.09	48.07	17.25	18.96	0.0	0.015	53.7	8.34	3.48	220.3	0.0	0.0	0.0
775	DL	24.6	19.6	22.4	0.65	0.019	0.031	0.06	16.19	48.07	19.18	19.10	0.0	0.015	52.4	9.10	2.41	220.4	0.0	0.0	0.0
776	DL	22.3	15.7	10.5	0.52	0.018	0.025	0.03	13.07	48.08	23.41	19.41	0.0	0.014	51.6	11.09	1.65	220.5	0.0	0.0	0.0
777	DL	19.9	12.2	6.8	0.41	0.016	0.019	0.02	10.10	48.08	29.58	19.88	0.0	0.014	50.3	14.01	1.40	220.5	0.0	0.0	0.0
778	DL	17.8	9.5	5.5	0.31	0.014	0.015	0.01	7.63	48.09	37.85	20.56	0.0	0.013	48.0	17.68	1.27	220.5	0.0	0.0	0.0
779	DL	16.0	7.8	4.9	0.23	0.013	0.012	0.01	5.72	48.10	48.19	21.47	0.0	0.013	46.0	22.55	1.32	220.6	0.0	0.0	0.0
780	DL	14.6	6.7	4.3	0.18	0.011	0.011	0.01	4.44	48.10	58.99	22.53	0.0	0.012	44.1	27.84	1.31	220.6	0.0	0.0	0.0
781	DL	13.5	5.8	4.0	0.15	0.011	0.009	0.01	3.62	48.11	68.89	23.59	0.0	0.012	41.8	32.35	1.29	220.7	0.0	0.0	0.0
782	DL	12.5	5.0	3.7	0.12	0.010	0.008	0.01	3.03	48.12	78.54	24.72	0.0	0.011	39.5	36.46	1.27	220.8	0.0	0.0	0.0
783	DL	11.7	4.3	3.5	0.10	0.009	0.007	0.01	2.48	48.12	90.27	26.25	0.0	0.010	37.4	42.14	1.25	220.8	0.0	0.0	0.0
784	DL	11.0	3.8	3.3	0.08	0.009	0.006	0.01	1.96	48.14	104.94	28.45	0.0	0.010	35.6	50.43	1.24	220.8	0.0	0.0	0.0
785	DL	10.3	3.3	3.2	0.06	0.008	0.005	0.01	1.58	48.15	119.27	31.00	0.0	0.010	34.6	60.90	1.25	220.8	0.0	0.0	0.0
786	DL	9.7	3.0	3.0	0.05	0.008	0.005	0.01	1.35	48.15	130.04	33.25	0.0	0.009	33.4	68.69	1.21	220.8	0.0	0.0	0.0
787	DL	9.2	2.8	3.1	0.05	0.007	0.004	0.01	1.18	48.16	138.84	35.34	0.0	0.009	32.2	75.09	1.18	220.9	0.0	0.0	0.0
788	DL	8.7	2.5	2.7	0.04	0.007	0.004	0.01	1.02	48.16	149.24	38.16	0.0	0.008	30.3	82.18	1.20	220.9	0.0	0.0	0.0
789	DL	8.2	2.2	2.7	0.03	0.006	0.004	0.01	0.83	48.16	163.36	42.80	0.0	0.008	28.5	94.81	1.19	220.9	0.0	0.0	0.0
790	DL	7.8	2.1	2.6	0.03	0.006	0.003	0.01	0.66	48.18	177.61	48.83	0.0	0.008	27.3	*****	1.24	220.9	0.0	0.0	0.0
791	DL	7.4	2.1	2.5	0.02	0.006	0.003	0.01	0.56	48.18	187.86	54.35	0.0	0.007	25.0	*****	1.20	220.9	0.0	0.0	0.0
792	DL	7.0	2.1	2.4	0.02	0.005	0.003	0.01	0.50	48.20	194.54	58.66	0.0	0.006	22.9	*****	1.19	220.9	0.0	0.0	0.0
793	DL	6.6	2.1	2.5	0.02	0.005	0.003	0.01	0.44	48.19	201.20	63.68	0.0	0.006	21.5	*****	1.15	220.8	0.0	0.0	0.0
794	DL	6.5	2.4	3.9	0.02	0.005	0.004	0.01	0.40	48.20	206.98	68.82	0.0	0.006	19.8	*****	1.18	220.7	0.0	0.0	0.0
795	DL	6.5	2.7	6.6	0.02	0.005	0.004	0.02	0.49	48.21	195.69	59.32	0.0	0.005	17.3	95.78	1.48	220.7	0.0	0.0	0.0
796	DL	6.7	3.5	6.6	0.03	0.005	0.006	0.02	0.73	48.22	171.61	46.05	0.0	0.004	15.4	58.00	1.99	220.6	0.0	0.0	0.0
797	DL	7.2	4.3	6.0	0.04	0.006	0.007	0.02	0.88	48.23	159.08	41.30	0.0	0.004	13.5	42.34	1.70	220.7	0.0	0.0	0.0
798	DL	7.5	4.8	9.0	0.04	0.006	0.008	0.02	1.01	48.24	149.74	38.29	0.0	0.003	11.1	30.51	1.75	220.6	0.0	0.0	0.0
799	DL	7.7	4.7	9.1	0.05	0.006	0.008	0.02	1.25	48.24	135.15	34.42	0.0	0.003	9.3	20.69	2.75	220.7	0.0	0.0	0.0
800	DL	7.7	4.6	8.2	0.06	0.006	0.007	0.02	1.42	48.24	126.72	32.54	0.0	0.002	7.6	15.14	2.33	220.7	0.0	0.0	0.0
801	DL	7.6	4.4	9.5	0.06	0.006	0.007	0.02	1.52	48.25	121.91	31.54	0.0	0.002	6.0	11.08	2.28	220.7	0.0	0.0	0.0
802	DL	7.5	4.3	11.5	0.07	0.006	0.007	0.03	1.68	48.25	115.30	30.27	0.0	0.001	4.2	7.05	2.44	220.6	0.0	0.0	0.0
803	DL	7.3	4.2	12.7	0.08	0.006	0.007	0.03	1.90	48.25	107.44	28.88	0.0	0.001	3.1	4.64	2.71	220.6	0.0	0.0	0.0
804	DL	7.1	4.2	12.8	0.08	0.006	0.007	0.03	2.11	48.25	100.47	27.76	0.0	0.000	1.7	2.37	2.69	220.5	0.0	0.0	0.0
805	DL	6.9	4.3	13.5	0.09	0.005	0.007	0.04	2.30	48.26	95.15	26.96	0.0	0.000	0.4	0.59	2.93	220.4	0.0	0.0	0.0
806	DL	6.7	4.3	14.6	0.10	0.005	0.007	0.04	2.48	48.26	90.69	26.32	0.0	0.000	0.0	0.01	3.15	220.3	0.0	0.0	0.0
807	DL	6.5	4.3	15.2	0.11	0.005	0.007	0.04	2.64	48.27	86.86	25.80	0.0	0.000	0.0	0.94	3.32	220.2	0.0	0.0	0.0
808	DL	6.3	4.4	15.6	0.11	0.005	0.007	0.04	2.77	48.27	83.95	25.42	0.0	0.000	0.0	0.99	3.38	220.1	0.0	0.0	0.0
809	DL	6.2	4.5	15.8	0.12	0.005	0.007	0.04	2.89	48.27	81.53	25.11	0.0	0.000	0.0	1.03	3.30	219.9	0.0	0.0	0.0
810	DL	6.1	4.6	16.1	0.12	0.005	0.007	0.04	3.01	48.28	79.37	24.84	0.0	0.000	0.0	1.07	3.32	219.8	0.0	0.0	0.0
811	DL	5.9	4.7	16.1	0.12	0.005	0.007	0.04	3.11	48.28	77.44	24.60	0.0	0.000	0.0	1.11	3.43	219.8	0.0	0.0	0.0
812	DL	5.8	4.7	16.2	0.13	0.005	0.008	0.04	3.19	48.30	76.01	24.43	0.0	0.000	0.0	1.14	3.45	219.8	0.0	0.0	0.0
813	DL	5.7	4.8	16.3	0.13	0.005	0.008	0.04	3.24	48.29	75.19	24.33	0.0	0.000	0.0	1.16	3.40	219.8	0.0	0.0	0.0

814 DL	5.6	4.7	16.4	0.13	0.004	0.008	0.04	3.28	48.30	74.62	24.26	0.0	0.000	0.0	1.17	3.27	219.7	0.0	0.0	0.0
815 DL	5.5	4.8	16.2	0.13	0.004	0.008	0.04	3.31	48.30	74.06	24.20	0.0	0.000	0.0	1.18	3.42	219.7	0.0	0.0	0.0
816 DL	5.4	4.7	16.0	0.13	0.004	0.007	0.04	3.34	48.30	73.60	24.14	0.0	0.000	0.0	1.19	3.50	219.7	0.0	0.0	0.0
817 DL	5.3	4.6	16.4	0.13	0.004	0.007	0.04	3.36	48.31	73.33	24.11	0.0	0.000	0.0	1.20	3.52	219.6	0.0	0.0	0.0
818 DL	5.2	4.6	16.4	0.13	0.004	0.007	0.04	3.37	48.31	73.08	24.08	0.0	0.000	0.0	1.20	3.36	219.4	0.0	0.0	0.0
819 DL	5.1	4.6	16.3	0.14	0.004	0.007	0.04	3.39	48.31	72.88	24.06	0.0	0.000	0.0	1.21	3.32	219.3	0.0	0.0	0.0
820 DL	5.1	4.6	16.5	0.14	0.004	0.007	0.04	3.40	48.32	72.62	24.03	0.0	0.000	0.0	1.21	3.37	219.2	0.0	0.0	0.0
821 DL	5.0	4.6	16.7	0.14	0.004	0.007	0.04	3.43	48.32	72.22	23.98	0.0	0.000	0.0	1.22	3.42	219.1	0.0	0.0	0.0
822 DL	4.9	4.6	16.7	0.14	0.004	0.007	0.04	3.44	48.32	72.02	23.96	0.0	0.000	0.0	1.23	3.42	218.9	0.0	0.0	0.0
823 DL	4.9	4.7	16.7	0.14	0.004	0.007	0.04	3.45	48.33	71.87	23.94	0.0	0.000	0.0	1.23	3.37	218.8	0.0	0.0	0.0
824 DL	4.8	4.7	16.8	0.14	0.004	0.008	0.04	3.46	48.34	71.73	23.92	0.0	0.000	0.0	1.23	3.34	218.8	0.0	0.0	0.0
825 DL	4.7	4.7	16.6	0.14	0.004	0.008	0.04	3.48	48.34	71.54	23.90	0.0	0.000	0.0	1.24	3.38	218.8	0.0	0.0	0.0
826 DL	4.7	4.7	16.6	0.14	0.004	0.008	0.04	3.49	48.34	71.41	23.89	0.0	0.000	0.0	1.24	3.40	218.7	0.0	0.0	0.0
827 DL	4.6	4.7	16.7	0.14	0.004	0.008	0.04	3.50	48.34	71.26	23.87	0.0	0.000	0.0	1.24	3.38	218.6	0.0	0.0	0.0
828 DL	4.6	4.7	16.6	0.14	0.004	0.008	0.04	3.51	48.34	71.08	23.85	0.0	0.000	0.0	1.25	3.47	218.5	0.0	0.0	0.0
829 DL	4.5	4.7	16.6	0.14	0.004	0.008	0.04	3.52	48.34	70.94	23.83	0.0	0.000	0.0	1.25	3.47	218.4	0.0	0.0	0.0
830 DL	4.5	4.6	16.9	0.14	0.004	0.007	0.04	3.53	48.34	70.73	23.81	0.0	0.000	0.0	1.26	3.34	218.4	0.0	0.0	0.0
831 DL	4.4	4.7	17.3	0.14	0.003	0.007	0.05	3.55	48.35	70.45	23.78	0.0	0.000	0.2	0.13	3.15	218.3	0.0	0.0	0.0
832 DL	4.4	4.7	17.6	0.14	0.003	0.008	0.05	3.58	48.35	70.05	23.73	0.0	0.001	2.5	1.90	3.28	218.1	0.0	0.0	0.0
833 DL	4.4	4.7	17.7	0.14	0.003	0.008	0.05	3.62	48.35	69.49	23.67	0.0	0.001	2.9	2.24	3.43	218.1	0.0	0.0	0.0
834 DL	4.4	4.8	17.9	0.15	0.003	0.008	0.05	3.67	48.35	68.78	23.59	0.0	0.001	3.5	2.65	3.31	218.1	0.0	0.0	0.0
835 DL	4.5	6.9	19.6	0.15	0.004	0.011	0.05	3.74	48.35	67.77	23.48	0.0	0.001	4.0	2.99	3.09	218.0	0.0	0.0	0.0
836 DL	4.9	17.8	28.1	0.16	0.004	0.028	0.07	3.99	48.36	64.19	23.07	0.0	0.001	5.1	3.50	3.00	218.0	0.0	0.0	0.0
837 DL	5.8	35.2	41.5	0.20	0.005	0.056	0.11	4.90	48.36	54.45	22.05	0.0	0.002	7.2	4.01	7.18	218.0	0.0	0.0	0.0
838 DL	6.4	43.1	42.1	0.26	0.005	0.069	0.11	6.46	48.36	43.38	21.02	0.0	0.002	8.7	3.75	16.02	218.0	0.0	0.0	0.0
839 DL	6.6	39.0	29.8	0.30	0.005	0.062	0.08	7.51	48.34	38.16	20.59	0.0	0.002	8.5	3.19	11.60	218.0	0.0	0.0	0.0
840 DL	6.9	32.5	21.5	0.30	0.005	0.052	0.06	7.43	48.34	38.59	20.62	0.0	0.002	8.2	3.07	5.03	217.9	0.0	0.0	0.0
841 DL	7.5	28.1	26.5	0.28	0.006	0.045	0.07	7.02	48.35	40.50	20.79	0.0	0.003	9.2	3.64	3.42	217.9	0.0	0.0	0.0
842 DL	8.0	25.0	27.8	0.28	0.006	0.040	0.07	7.08	48.34	40.24	20.77	0.0	0.003	9.7	3.85	4.33	217.9	0.0	0.0	0.0
843 DL	8.8	23.7	26.8	0.29	0.007	0.038	0.07	7.19	48.35	39.75	20.73	0.0	0.003	9.3	3.62	3.84	217.9	0.0	0.0	0.0
844 DL	9.9	24.6	37.1	0.30	0.008	0.039	0.10	7.51	48.35	38.30	20.60	0.0	0.003	10.7	3.96	3.53	217.9	0.0	0.0	0.0
845 DL	11.0	26.1	45.9	0.34	0.009	0.042	0.12	8.61	48.34	34.04	20.24	0.0	0.003	11.7	3.78	4.81	218.0	0.0	0.0	0.0
846 DL	11.6	26.5	46.2	0.40	0.009	0.042	0.12	9.91	48.32	30.06	19.92	0.0	0.004	13.6	3.81	4.84	218.0	0.0	0.0	0.0
847 DL	11.4	23.7	34.7	0.42	0.009	0.038	0.09	10.47	48.32	28.62	19.81	0.0	0.004	13.9	3.75	5.32	218.0	0.0	0.0	0.0
848 DL	10.6	19.5	21.4	0.39	0.008	0.031	0.06	9.80	48.30	30.41	19.95	0.0	0.004	13.6	3.91	3.36	218.1	0.0	0.0	0.0
849 DL	10.0	16.4	13.8	0.33	0.008	0.026	0.04	8.36	48.32	35.04	20.33	0.0	0.004	13.1	4.39	2.34	218.1	0.0	0.0	0.0
850 DL	9.6	14.2	13.1	0.28	0.008	0.023	0.03	6.91	48.32	41.25	20.86	0.0	0.004	13.4	5.41	1.92	218.2	0.0	0.0	0.0
851 DL	9.3	14.7	17.7	0.24	0.007	0.023	0.05	6.06	48.33	45.99	21.28	0.0	0.004	13.5	6.24	2.16	218.3	0.0	0.0	0.0
852 DL	9.3	22.0	27.0	0.24	0.007	0.035	0.07	5.90	48.33	46.87	21.36	0.0	0.004	14.0	6.60	2.37	218.3	0.0	0.0	0.0
853 DL	9.5	29.4	32.2	0.26	0.008	0.047	0.08	6.48	48.32	43.32	21.03	0.0	0.004	15.0	6.47	6.08	218.3	0.0	0.0	0.0
854 DL	9.2	28.9	23.0	0.28	0.007	0.046	0.06	7.06	48.32	40.24	20.77	0.0	0.004	14.4	5.73	9.41	218.3	0.0	0.0	0.0
855 DL	8.8	24.4	12.5	0.27	0.007	0.039	0.03	6.74	48.33	41.98	20.92	0.0	0.004	13.9	5.79	4.76	218.3	0.0	0.0	0.0
856 DL	8.5	20.5	7.1	0.23	0.007	0.033	0.02	5.76	48.32	47.93	21.45	0.0	0.004	13.5	6.58	2.57	218.3	0.0	0.0	0.0
857 DL	8.6	19.9	10.3	0.19	0.007	0.032	0.03	4.75	48.34	55.96	22.22	0.0	0.004	13.3	7.80	2.08	218.2	0.0	0.0	0.0
858 DL	9.0	23.1	25.1	0.18	0.007	0.037	0.07	4.43	48.33	58.88	22.52	0.0	0.004	14.4	8.98	3.34	218.2	0.0	0.0	0.0
859 DL	9.5	27.6	39.2	0.21	0.007	0.044	0.10	5.30	48.32	51.21	21.75	0.0	0.004	15.1	7.92	9.07	218.3	0.0	0.0	0.0
860 DL	10.0	32.1	48.2	0.27	0.008	0.051	0.13	6.76	48.32	41.84	20.90	0.0	0.004	15.9	6.55	9.48	218.3	0.0	0.0	0.0
861 DL	10.3	33.7	51.7	0.33	0.008	0.054	0.14	8.29	48.32	35.10	20.33	0.0	0.005	17.0	5.69	8.00	218.2	0.0	0.0	0.0
862 DL	10.4	30.7	43.5	0.38	0.008	0.049	0.11	9.48	48.31	31.21	20.02	0.0	0.005	17.5	5.15	6.66	218.2	0.0	0.0	0.0
863 DL	10.4	30.9	34.1	0.39	0.008	0.049	0.09	9.76	48.31	30.41	19.95	0.0	0.005	17.4	4.99	4.17	218.2	0.0	0.0	0.0
864 DL	11.0	41.4	41.3	0.38	0.009	0.066	0.11	9.62	48.32	30.73	19.97	0.0	0.005	17.9	5.17	3.01	218.2	0.0	0.0	0.0
865 DL	11.8	50.8	51.4	0.41	0.009	0.081	0.13	10.29	48.32	28.92	19.83	0.0	0.005	19.3	5.19	7.70	218.3	0.0	0.0	0.0
866 DL	11.9	48.5	37.8	0.44	0.009	0.077	0.10	11.13	48.29	26.94	19.68	0.0	0.005	19.4	4.87	10.54	218.4	0.0	0.0	0.0
867 DL	11.6	40.6	17.9	0.42	0.009	0.065	0.05	10.42	48.28	28.67	19.81	0.0	0.005	18.4	4.93	5.51	218.4	0.0	0.0	0.0
868 DL	11.4	33.1	10.3	0.34	0.009	0.053	0.03	8.50	48.29	34.38	20.26	0.0	0.005	17.9	5.90	2.77	218.4	0.0	0.0	0.0
869 DL	11.3	27.4	9.2	0.27	0.009	0.044	0.02	6.86	48.30	41.32	20.86	0.0	0.005	17.6	7.17	2.24	218.5	0.0	0.0	0.0
870 DL	11.2	22.8	6.9	0.23	0.009	0.036	0.02	5.79	48.30	47.59	21.42	0.0	0.005	16.8	8.13	2.23	218.4	0.0	0.0	0.0
871 DL	10.7	18.6	4.3	0.19	0.008	0.030	0.01	4.85	48.30	55.03	22.13	0.0	0.004	14.7	8.51	1.80	218.4	0.0	0.0	0.0
872 DL	9.8	15.3	3.5	0.15	0.008	0.024	0.01	3.88	48.30	65.55	23.21	0.0	0.004	14.4	10.29	1.64	218.4	0.0	0.0	0.0

873	DL	9.2	14.4	4.6	0.12	0.007	0.023	0.01	3.07	48.31	77.76	24.61	0.0	0.004	14.0	12.73	1.55	218.4	0.0	0.0	0.0
874	DL	9.1	17.3	9.3	0.11	0.007	0.028	0.02	2.67	48.30	85.27	25.58	0.0	0.004	14.4	14.77	1.90	218.4	0.0	0.0	0.0
875	DL	9.3	21.5	14.6	0.11	0.007	0.034	0.04	2.84	48.31	81.68	25.10	0.0	0.004	14.0	13.64	5.41	218.4	0.0	0.0	0.0
876	DL	9.4	27.0	14.2	0.13	0.007	0.043	0.04	3.20	48.30	74.89	24.27	0.0	0.003	12.6	10.76	7.95	218.4	0.0	0.0	0.0
877	DL	9.3	33.7	18.7	0.14	0.007	0.054	0.05	3.50	48.30	69.97	23.69	0.0	0.004	14.1	11.07	6.21	218.3	0.0	0.0	0.0
878	DL	8.9	34.8	17.0	0.16	0.007	0.055	0.04	4.00	48.30	63.38	22.97	0.0	0.004	13.1	9.07	12.51	218.3	0.0	0.0	0.0
879	DL	8.4	30.5	9.6	0.16	0.007	0.049	0.03	4.09	48.30	62.46	22.88	0.0	0.004	12.8	8.68	7.87	218.3	0.0	0.0	0.0
880	DL	7.9	25.1	6.2	0.15	0.006	0.040	0.02	3.64	48.30	68.34	23.52	0.0	0.003	10.5	8.12	3.62	218.1	0.0	0.0	0.0
881	DL	7.5	20.3	5.6	0.12	0.006	0.032	0.01	3.11	48.30	76.76	24.49	0.0	0.002	8.4	7.57	2.71	218.1	0.0	0.0	0.0
882	DL	7.3	16.8	7.5	0.11	0.006	0.027	0.02	2.71	48.30	84.74	25.50	0.0	0.002	6.7	6.90	2.55	218.1	0.0	0.0	0.0
883	DL	7.2	17.2	13.0	0.10	0.006	0.027	0.03	2.56	48.31	87.93	25.93	0.0	0.002	5.6	6.03	2.74	218.1	0.0	0.0	0.0
884	DL	7.6	28.2	28.1	0.12	0.006	0.045	0.07	2.94	48.32	79.70	24.82	0.0	0.002	7.1	6.52	3.39	218.1	0.0	0.0	0.0
885	DL	8.6	47.1	46.0	0.17	0.007	0.075	0.12	4.31	48.31	60.08	22.56	0.0	0.002	8.9	5.64	8.87	218.1	0.0	0.0	0.0
886	DL	9.3	55.7	44.8	0.26	0.007	0.089	0.12	6.44	48.31	43.38	21.01	0.0	0.003	10.6	4.51	13.71	218.1	0.0	0.0	0.0
887	DL	9.3	50.1	25.8	0.31	0.007	0.080	0.07	7.72	48.29	37.11	20.49	0.0	0.003	9.5	3.45	11.70	217.9	0.0	0.0	0.0
888	DL	9.1	41.2	11.2	0.29	0.007	0.066	0.03	7.21	48.29	39.43	20.69	0.0	0.002	8.7	3.38	4.93	217.7	0.0	0.0	0.0
889	DL	8.8	35.7	8.8	0.24	0.007	0.057	0.02	5.91	48.30	46.68	21.33	0.0	0.002	8.2	3.84	2.65	217.5	0.0	0.0	0.0
890	DL	8.9	34.4	22.4	0.20	0.007	0.055	0.06	5.12	48.31	52.31	21.86	0.0	0.003	9.1	4.89	2.54	217.4	0.0	0.0	0.0
891	DL	9.2	32.4	30.3	0.22	0.007	0.052	0.08	5.58	48.32	48.93	21.54	0.0	0.003	10.4	5.14	5.90	217.4	0.0	0.0	0.0
892	DL	9.3	30.6	21.4	0.25	0.007	0.049	0.06	6.26	48.30	44.48	21.14	0.0	0.003	9.7	4.32	6.03	217.5	0.0	0.0	0.0
893	DL	9.8	42.9	18.5	0.24	0.008	0.068	0.05	6.06	48.30	45.48	21.22	0.0	0.002	8.9	4.05	3.31	217.5	0.0	0.0	0.0
894	DL	10.7	74.1	43.6	0.25	0.008	0.118	0.11	6.19	48.31	44.32	21.10	0.0	0.003	10.7	4.68	5.21	217.5	0.0	0.0	0.0
895	DL	12.1	110.3	88.7	0.34	0.010	0.176	0.23	8.45	48.32	34.15	20.20	0.0	0.004	12.9	4.12	15.35	217.3	0.0	0.0	0.0
896	DL	13.6	126.5	152.0	0.51	0.011	0.202	0.40	12.87	48.31	23.59	19.38	0.0	0.004	16.3	3.46	16.79	217.3	0.0	0.0	0.0
897	DL	14.4	114.6	166.6	0.73	0.011	0.182	0.44	18.31	48.29	17.05	18.92	0.0	0.005	19.2	2.91	15.02	217.3	0.0	0.0	0.0
898	DL	14.2	92.3	118.4	0.87	0.011	0.147	0.31	21.74	48.25	14.49	18.75	0.0	0.006	20.8	2.66	10.78	217.3	0.0	0.0	0.0
899	DL	13.2	73.0	76.9	0.86	0.010	0.116	0.20	21.38	48.21	14.75	18.77	0.0	0.006	21.7	2.84	6.12	217.3	0.0	0.0	0.0
900	DL	11.9	65.5	55.9	0.76	0.009	0.104	0.15	18.88	48.24	16.60	18.90	0.0	0.006	21.6	3.20	3.77	217.2	0.0	0.0	0.0
901	DL	11.4	83.5	60.8	0.66	0.009	0.133	0.16	16.50	48.26	18.76	19.06	0.0	0.006	22.1	3.74	3.18	217.1	0.0	0.0	0.0
902	DL	11.7	120.6	82.7	0.64	0.009	0.192	0.22	16.03	48.27	19.16	19.08	0.0	0.006	22.4	3.84	8.65	217.1	0.0	0.0	0.0
903	DL	12.6	147.2	132.1	0.72	0.010	0.234	0.35	18.06	48.28	17.14	18.93	0.0	0.007	24.9	3.79	14.89	217.1	0.0	0.0	0.0
904	DL	13.9	145.4	190.5	0.88	0.011	0.231	0.50	22.03	48.27	14.28	18.73	0.0	0.008	27.3	3.42	12.50	217.2	0.0	0.0	0.0
905	DL	15.2	125.8	212.6	1.04	0.012	0.200	0.56	26.07	48.25	12.19	18.59	0.0	0.008	29.4	3.14	10.84	217.3	0.0	0.0	0.0
906	DL	15.5	102.0	187.7	1.13	0.012	0.162	0.49	28.35	48.21	11.26	18.53	0.0	0.009	31.5	3.10	9.93	217.3	0.0	0.0	0.0
907	DL	15.0	79.8	123.2	1.12	0.012	0.127	0.32	27.90	48.17	11.44	18.54	0.0	0.009	31.7	3.18	6.83	217.3	0.0	0.0	0.0
908	DL	14.0	64.9	85.1	1.00	0.011	0.103	0.22	25.04	48.17	12.72	18.63	0.0	0.009	32.1	3.60	4.13	217.3	0.0	0.0	0.0
909	DL	12.9	59.4	69.2	0.87	0.010	0.094	0.18	21.64	48.20	14.61	18.76	0.0	0.009	32.5	4.20	3.47	217.4	0.0	0.0	0.0
910	DL	12.0	55.5	54.7	0.76	0.009	0.088	0.14	18.95	48.21	16.55	18.90	0.0	0.009	32.3	4.79	5.24	217.5	0.0	0.0	0.0
911	DL	11.1	47.9	31.4	0.67	0.009	0.076	0.08	16.62	48.22	18.72	19.06	0.0	0.009	31.4	5.29	5.50	217.5	0.0	0.0	0.0
912	DL	10.1	38.5	15.3	0.55	0.008	0.061	0.04	13.80	48.23	22.29	19.32	0.0	0.009	30.8	6.27	2.94	217.6	0.0	0.0	0.0
913	DL	9.1	30.8	9.1	0.43	0.007	0.049	0.02	10.78	48.23	27.94	19.75	0.0	0.008	30.2	7.87	2.06	217.7	0.0	0.0	0.0
914	DL	8.3	28.9	12.4	0.33	0.007	0.046	0.03	8.25	48.24	35.35	20.34	0.0	0.008	30.3	10.27	1.82	217.8	0.0	0.0	0.0
915	DL	8.0	32.7	28.4	0.28	0.006	0.052	0.07	7.06	48.25	40.19	20.76	0.0	0.009	30.8	12.15	3.20	217.8	0.0	0.0	0.0
916	DL	8.0	38.5	41.9	0.29	0.006	0.061	0.11	7.35	48.25	38.78	20.64	0.0	0.009	31.0	11.73	6.92	217.9	0.0	0.0	0.0
917	DL	8.1	43.2	48.6	0.33	0.006	0.069	0.13	8.26	48.26	35.07	20.32	0.0	0.009	31.3	10.54	7.52	217.9	0.0	0.0	0.0
918	DL	8.1	45.1	48.8	0.37	0.006	0.072	0.13	9.13	48.26	32.13	20.08	0.0	0.009	31.6	9.63	7.64	217.9	0.0	0.0	0.0
919	DL	8.2	44.9	40.6	0.38	0.006	0.071	0.11	9.59	48.27	30.77	19.98	0.0	0.009	30.9	9.01	7.22	217.9	0.0	0.0	0.0
920	DL	8.4	48.8	36.6	0.38	0.007	0.078	0.10	9.42	48.28	31.24	20.01	0.0	0.009	31.5	9.30	4.98	217.9	0.0	0.0	0.0
921	DL	8.6	62.1	48.6	0.37	0.007	0.099	0.13	9.35	48.28	31.36	20.02	0.0	0.009	31.8	9.45	6.80	217.9	0.0	0.0	0.0
922	DL	9.0	89.1	66.3	0.41	0.007	0.142	0.17	10.14	48.29	29.06	19.83	0.0	0.009	32.0	8.72	8.79	217.9	0.0	0.0	0.0
923	DL	9.6	120.9	85.5	0.48	0.008	0.193	0.22	12.10	48.30	24.76	19.48	0.0	0.009	32.6	7.39	12.22	217.9	0.0	0.0	0.0
924	DL	10.2	131.2	96.4	0.60	0.008	0.209	0.25	15.03	48.31	20.35	19.16	0.0	0.009	34.2	6.28	14.07	217.9	0.0	0.0	0.0
925	DL	10.0	113.7	58.7	0.67	0.008	0.181	0.15	16.73	48.27	18.43	19.03	0.0	0.009	33.7	5.60	10.60	218.0	0.0	0.0	0.0
926	DL	9.1	88.1	23.5	0.61	0.007	0.140	0.06	15.23	48.26	20.21	19.16	0.0	0.009	31.7	5.81	5.28	218.0	0.0	0.0	0.0
927	DL	8.0	65.6	10.3	0.49	0.006	0.104	0.03	12.15	48.27	24.95	19.51	0.0	0.008	29.8	6.86	2.84	217.9	0.0	0.0	0.0
928	DL	6.9	48.3	6.2	0.37	0.005	0.077	0.02	9.18	48.29	32.13	20.07	0.0	0.008	27.1	8.26	2.04	217.8	0.0	0.0	0.0
929	DL	5.9	36.3	4.7	0.27	0.005	0.058	0.01	6.79	48.29	41.78	20.88	0.0	0.007	24.3	10.04	1.78	217.8	0.0	0.0	0.0
930	DL	5.2	28.6	3.9	0.20	0.004	0.046	0.01	5.07	48.30	53.09	21.92	0.0	0.006	21.4	11.77	1.72	217.9	0.0	0.0	0.0
931	DL	4.7	23.7	5.1	0.16	0.004	0.038	0.01	3.98	48.31	64.12	23.05	0.0	0.005	18.6	13.04	1.64	218.1	0.0	0.0	0.0

932	DL	4.5	20.0	6.8	0.13	0.004	0.032	0.02	3.38	48.32	72.49	23.99	0.0	0.004	15.6	12.87	1.88	218.2	0.0	0.0	0.0
933	DL	4.7	17.2	7.3	0.12	0.004	0.027	0.02	3.00	48.33	78.99	24.77	0.0	0.004	12.5	11.71	2.21	218.4	0.0	0.0	0.0
934	DL	5.0	15.0	9.7	0.11	0.004	0.024	0.03	2.72	48.33	84.67	25.50	0.0	0.003	9.5	9.87	2.33	218.4	0.0	0.0	0.0
935	DL	5.2	13.3	10.0	0.10	0.004	0.021	0.03	2.61	48.32	87.12	25.83	0.0	0.002	7.1	7.66	3.36	218.3	0.0	0.0	0.0
936	DL	5.3	12.1	10.5	0.10	0.004	0.019	0.03	2.58	48.33	87.94	25.94	0.0	0.001	4.8	5.34	2.89	218.3	0.0	0.0	0.0
937	DL	5.4	10.9	12.3	0.10	0.004	0.017	0.03	2.63	48.33	86.89	25.80	0.0	0.001	3.4	3.67	2.94	218.2	0.0	0.0	0.0
938	DL	5.3	9.6	13.1	0.11	0.004	0.015	0.03	2.73	48.35	84.66	25.50	0.0	0.001	2.6	2.66	3.10	218.1	0.0	0.0	0.0
939	DL	5.2	8.5	13.7	0.11	0.004	0.014	0.04	2.82	48.34	82.84	25.27	0.0	0.000	1.6	1.63	3.10	218.1	0.0	0.0	0.0
940	DL	5.1	7.9	14.8	0.12	0.004	0.013	0.04	2.90	48.35	81.27	25.07	0.0	0.000	0.4	0.49	3.24	218.0	0.0	0.0	0.0
941	DL	5.0	7.5	15.6	0.12	0.004	0.012	0.04	3.00	48.35	79.40	24.84	0.0	0.000	0.0	0.02	3.46	217.9	0.0	0.0	0.0
942	DL	4.8	7.2	15.9	0.12	0.004	0.012	0.04	3.11	48.35	77.52	24.61	0.0	0.000	0.0	1.11	3.48	217.9	0.0	0.0	0.0
943	DL	4.7	6.8	16.1	0.13	0.004	0.011	0.04	3.20	48.36	75.91	24.41	0.0	0.000	0.0	1.14	3.54	217.8	0.0	0.0	0.0
944	DL	4.6	6.4	16.1	0.13	0.004	0.010	0.04	3.27	48.37	74.83	24.28	0.0	0.000	0.0	1.17	3.60	217.7	0.0	0.0	0.0
945	DL	4.5	6.2	16.1	0.13	0.004	0.010	0.04	3.31	48.37	74.19	24.21	0.0	0.000	0.0	1.18	3.50	217.6	0.0	0.0	0.0
946	DL	4.5	6.1	16.2	0.13	0.004	0.010	0.04	3.33	48.38	73.81	24.17	0.0	0.000	0.0	1.19	3.55	217.5	0.0	0.0	0.0
947	DL	4.4	6.0	16.2	0.13	0.003	0.010	0.04	3.35	48.38	73.49	24.13	0.0	0.000	0.0	1.19	3.64	217.4	0.0	0.0	0.0
948	DL	4.3	5.8	16.0	0.13	0.003	0.009	0.04	3.37	48.38	73.27	24.10	0.0	0.000	0.0	1.20	3.59	217.2	0.0	0.0	0.0
949	DL	4.2	5.5	16.2	0.13	0.003	0.009	0.04	3.38	48.38	73.11	24.08	0.0	0.000	0.0	1.20	3.54	217.0	0.0	0.0	0.0
950	DL	4.2	5.3	16.1	0.14	0.003	0.008	0.04	3.39	48.38	72.99	24.07	0.0	0.000	0.0	1.21	3.60	216.8	0.0	0.0	0.0
951	DL	4.1	5.1	16.2	0.14	0.003	0.008	0.04	3.39	48.37	72.94	24.06	0.0	0.000	0.0	1.21	3.62	216.7	0.0	0.0	0.0
952	DL	4.0	5.1	16.0	0.14	0.003	0.008	0.04	3.39	48.38	72.92	24.06	0.0	0.000	0.0	1.21	3.65	216.6	0.0	0.0	0.0
953	DL	4.0	5.0	16.0	0.14	0.003	0.008	0.04	3.39	48.39	72.93	24.06	0.0	0.000	0.0	1.21	3.62	216.6	0.0	0.0	0.0
954	DL	3.9	4.8	15.8	0.14	0.003	0.008	0.04	3.39	48.38	73.01	24.07	0.0	0.000	0.0	1.21	3.55	216.5	0.0	0.0	0.0
955	DL	3.9	4.7	15.7	0.13	0.003	0.008	0.04	3.38	48.38	73.20	24.09	0.0	0.000	0.0	1.20	3.47	216.5	0.0	0.0	0.0
956	DL	3.8	4.7	15.7	0.13	0.003	0.008	0.04	3.37	48.39	73.35	24.11	0.0	0.000	0.0	1.20	3.47	216.3	0.0	0.0	0.0
957	DL	3.8	4.7	15.7	0.13	0.003	0.008	0.04	3.36	48.39	73.40	24.12	0.0	0.000	0.0	1.20	3.44	216.2	0.0	0.0	0.0
958	DL	3.7	4.7	15.7	0.13	0.003	0.007	0.04	3.36	48.39	73.53	24.13	0.0	0.000	0.0	1.19	3.43	216.1	0.0	0.0	0.0
959	DL	3.7	4.7	15.6	0.13	0.003	0.007	0.04	3.36	48.40	73.54	24.14	0.0	0.000	0.0	1.19	3.54	216.0	0.0	0.0	0.0
960	DL	3.7	4.6	15.6	0.13	0.003	0.007	0.04	3.35	48.39	73.61	24.14	0.0	0.000	0.0	1.19	3.53	215.9	0.0	0.0	0.0
961	DL	3.6	4.6	15.7	0.13	0.003	0.007	0.04	3.35	48.39	73.65	24.15	0.0	0.000	0.0	1.19	3.47	215.9	0.0	0.0	0.0
962	DL	3.6	4.5	15.4	0.13	0.003	0.007	0.04	3.35	48.39	73.68	24.15	0.0	0.000	0.0	1.19	3.43	215.9	0.0	0.0	0.0
963	DL	3.6	4.5	15.5	0.13	0.003	0.007	0.04	3.34	48.40	73.76	24.16	0.0	0.000	0.0	1.19	3.41	215.9	0.0	0.0	0.0
964	DL	3.5	4.4	15.5	0.13	0.003	0.007	0.04	3.34	48.40	73.77	24.16	0.0	0.000	0.0	1.19	3.48	215.8	0.0	0.0	0.0
965	DL	3.5	4.4	15.4	0.13	0.003	0.007	0.04	3.34	48.39	73.73	24.16	0.0	0.000	0.0	1.19	3.45	215.9	0.0	0.0	0.0
966	DL	3.5	4.4	15.4	0.13	0.003	0.007	0.04	3.34	48.39	73.73	24.16	0.0	0.000	0.0	1.19	3.41	215.9	0.0	0.0	0.0
967	DL	3.5	4.5	15.1	0.13	0.003	0.007	0.04	3.34	48.39	73.78	24.16	0.0	0.000	0.0	1.19	3.34	215.8	0.0	0.0	0.0
968	DL	3.4	4.4	15.4	0.13	0.003	0.007	0.04	3.34	48.40	73.80	24.17	0.0	0.000	0.0	1.19	3.39	215.8	0.0	0.0	0.0
969	DL	3.4	4.3	15.2	0.13	0.003	0.007	0.04	3.34	48.39	73.74	24.16	0.0	0.000	0.0	1.19	3.45	215.7	0.0	0.0	0.0
970	DL	3.4	4.2	15.3	0.13	0.003	0.007	0.04	3.34	48.40	73.76	24.16	0.0	0.000	0.0	1.19	3.39	215.6	0.0	0.0	0.0
971	DL	3.4	4.2	15.2	0.13	0.003	0.007	0.04	3.34	48.39	73.84	24.17	0.0	0.000	0.0	1.19	3.36	215.6	0.0	0.0	0.0
972	DL	3.3	4.2	15.1	0.13	0.003	0.007	0.04	3.34	48.39	73.81	24.17	0.0	0.000	0.0	1.19	3.38	215.6	0.0	0.0	0.0
973	DL	3.3	4.2	15.1	0.13	0.003	0.007	0.04	3.34	48.39	73.79	24.16	0.0	0.000	0.0	1.19	3.44	215.6	0.0	0.0	0.0
974	DL	3.3	4.3	15.0	0.13	0.003	0.007	0.04	3.34	48.40	73.82	24.17	0.0	0.000	0.0	1.19	3.39	215.6	0.0	0.0	0.0
975	DL	3.3	4.2	15.1	0.13	0.003	0.007	0.04	3.34	48.39	73.88	24.18	0.0	0.000	0.0	1.19	3.40	215.6	0.0	0.0	0.0
976	DL	3.3	4.2	15.0	0.13	0.003	0.007	0.04	3.33	48.40	73.93	24.18	0.0	0.000	0.0	1.19	3.34	215.6	0.0	0.0	0.0
977	DL	3.3	4.2	15.0	0.13	0.003	0.007	0.04	3.33	48.39	73.93	24.18	0.0	0.000	0.0	1.18	3.33	215.6	0.0	0.0	0.0
978	DL	3.2	4.1	15.0	0.13	0.003	0.007	0.04	3.33	48.39	73.96	24.19	0.0	0.000	0.0	1.18	3.35	215.7	0.0	0.0	0.0
979	DL	3.2	4.1	14.9	0.13	0.003	0.007	0.04	3.33	48.39	73.98	24.19	0.0	0.000	0.0	1.18	3.26	215.7	0.0	0.0	0.0
980	DL	3.2	4.0	15.1	0.13	0.003	0.006	0.04	3.33	48.38	74.02	24.19	0.0	0.000	0.0	1.18	3.34	215.7	0.0	0.0	0.0
981	DL	3.2	4.0	14.9	0.13	0.002	0.006	0.04	3.33	48.39	74.05	24.20	0.0	0.000	0.0	1.18	3.38	215.7	0.0	0.0	0.0
982	DL	3.1	4.1	14.8	0.13	0.002	0.006	0.04	3.33	48.38	74.03	24.19	0.0	0.000	0.0	1.18	3.39	215.6	0.0	0.0	0.0
983	DL	3.1	4.1	14.8	0.13	0.002	0.007	0.04	3.33	48.38	74.05	24.20	0.0	0.000	0.0	1.18	3.43	215.6	0.0	0.0	0.0
984	DL	3.1	4.0	14.9	0.13	0.002	0.006	0.04	3.33	48.40	74.06	24.20	0.0	0.000	0.0	1.18	3.45	215.6	0.0	0.0	0.0
985	DL	3.1	4.1	14.9	0.13	0.002	0.007	0.04	3.33	48.39	74.04	24.19	0.0	0.000	0.0	1.18	3.41	215.6	0.0	0.0	0.0
986	DL	3.0	4.1	14.9	0.13	0.002	0.007	0.04	3.33	48.39	73.93	24.18	0.0	0.000	0.0	1.18	3.45	215.6	0.0	0.0	0.0
987	DL	3.0	4.1	14.9	0.13	0.002	0.007	0.04	3.34	48.39	73.82	24.17	0.0	0.000	0.0	1.19	3.51	215.6	0.0	0.0	0.0
988	DL	3.0	4.1	14.8	0.13	0.002	0.007	0.04	3.35	48.38	73.70	24.15	0.0	0.000	0.0	1.19	3.44	215.6	0.0	0.0	0.0
989	DL	3.0	4.2	14.9	0.13	0.002	0.007	0.04	3.35	48.39	73.59	24.14	0.0	0.000	0.0	1.19	3.40	215.6	0.0	0.0	0.0
990	DL	3.0	4.1	15.0	0.13	0.002	0.007	0.04	3.35	48.39	73.60	24.14	0.0	0.000	0.0	1.19	3.55	215.7	0.0	0.0	0.0

991	DL	3.0	4.1	14.8	0.13	0.002	0.007	0.04	3.35	48.38	73.65	24.15	0.0	0.000	0.0	1.19	3.56	215.7	0.0	0.0	0.0
992	DL	3.0	4.0	14.8	0.13	0.002	0.006	0.04	3.35	48.39	73.72	24.16	0.0	0.000	0.0	1.19	3.56	215.7	0.0	0.0	0.0
993	DL	3.0	4.0	15.0	0.13	0.002	0.006	0.04	3.35	48.38	73.72	24.16	0.0	0.000	0.0	1.19	3.57	215.7	0.0	0.0	0.0
994	DL	3.0	4.0	15.1	0.13	0.002	0.006	0.04	3.35	48.38	73.64	24.15	0.0	0.000	0.0	1.19	3.56	215.7	0.0	0.0	0.0
995	DL	3.0	3.9	14.8	0.13	0.002	0.006	0.04	3.35	48.38	73.60	24.14	0.0	0.000	0.0	1.19	3.55	215.6	0.0	0.0	0.0
996	DL	3.0	3.9	14.8	0.13	0.002	0.006	0.04	3.35	48.37	73.59	24.14	0.0	0.000	0.0	1.19	3.45	215.6	0.0	0.0	0.0
997	DL	3.0	4.0	14.9	0.13	0.002	0.006	0.04	3.35	48.38	73.63	24.15	0.0	0.000	0.0	1.19	3.55	215.6	0.0	0.0	0.0
998	DL	3.0	4.1	14.8	0.13	0.002	0.006	0.04	3.35	48.38	73.70	24.15	0.0	0.000	0.0	1.19	3.55	215.7	0.0	0.0	0.0
999	DL	3.0	4.1	14.7	0.13	0.002	0.007	0.04	3.35	48.38	73.72	24.16	0.0	0.000	0.0	1.19	3.55	215.6	0.0	0.0	0.0
1000	DL	2.9	4.1	14.8	0.13	0.002	0.007	0.04	3.34	48.38	73.77	24.16	0.0	0.000	0.0	1.19	3.56	215.6	0.0	0.0	0.0
1001	DL	2.9	4.1	15.0	0.13	0.002	0.007	0.04	3.35	48.37	73.69	24.15	0.0	0.000	0.0	1.19	3.50	215.6	0.0	0.0	0.0
1002	DL	2.9	4.1	15.0	0.13	0.002	0.007	0.04	3.36	48.37	73.55	24.14	0.0	0.000	0.0	1.19	3.42	215.6	0.0	0.0	0.0
1003	DL	2.9	4.1	15.0	0.13	0.002	0.006	0.04	3.36	48.38	73.43	24.12	0.0	0.000	0.0	1.20	3.44	215.6	0.0	0.0	0.0
1004	DL	2.9	4.1	14.9	0.13	0.002	0.006	0.04	3.37	48.38	73.40	24.12	0.0	0.000	0.0	1.20	3.47	215.6	0.0	0.0	0.0
1005	DL	2.9	4.0	14.9	0.13	0.002	0.006	0.04	3.37	48.38	73.41	24.12	0.0	0.000	0.0	1.20	3.51	215.6	0.0	0.0	0.0
1006	DL	2.9	4.0	14.9	0.13	0.002	0.006	0.04	3.36	48.38	73.50	24.13	0.0	0.000	0.0	1.19	3.51	215.6	0.0	0.0	0.0
1007	DL	2.8	4.1	15.2	0.13	0.002	0.007	0.04	3.36	48.37	73.55	24.14	0.0	0.000	0.0	1.19	3.48	215.6	0.0	0.0	0.0
1008	DL	2.9	5.7	17.3	0.14	0.002	0.009	0.05	3.39	48.37	73.00	24.07	0.0	0.000	0.0	0.01	3.50	215.6	0.0	0.0	0.0
1009	DL	3.3	11.7	25.0	0.14	0.003	0.019	0.07	3.62	48.38	69.32	23.64	0.0	0.001	2.9	2.02	3.47	215.5	0.0	0.0	0.0
1010	DL	3.9	19.4	33.4	0.17	0.003	0.031	0.09	4.32	48.38	60.44	22.67	0.0	0.001	5.2	3.29	6.97	215.5	0.0	0.0	0.0
1011	DL	4.3	21.7	31.7	0.21	0.003	0.035	0.08	5.30	48.37	51.32	21.77	0.0	0.002	6.1	3.19	10.66	215.4	0.0	0.0	0.0
1012	DL	4.3	19.4	24.5	0.23	0.003	0.031	0.06	5.86	48.35	47.30	21.40	0.0	0.002	6.5	3.08	6.85	215.2	0.0	0.0	0.0
1013	DL	4.2	16.1	18.5	0.23	0.003	0.026	0.05	5.75	48.35	48.07	21.47	0.0	0.002	6.1	3.00	3.92	215.0	0.0	0.0	0.0
1014	DL	4.1	13.5	12.2	0.21	0.003	0.022	0.03	5.27	48.36	51.72	21.82	0.0	0.001	4.7	2.52	2.90	214.9	0.0	0.0	0.0
1015	DL	4.1	11.4	9.0	0.18	0.003	0.018	0.02	4.59	48.36	57.80	22.41	0.0	0.001	2.9	1.81	2.40	214.9	0.0	0.0	0.0
1016	DL	3.9	9.7	9.7	0.16	0.003	0.015	0.03	3.98	48.36	64.63	23.13	0.0	0.000	1.2	0.85	2.64	214.9	0.0	0.0	0.0
1017	DL	3.8	8.3	12.0	0.14	0.003	0.013	0.03	3.60	48.36	69.73	23.69	0.0	0.000	0.2	0.18	3.17	215.0	0.0	0.0	0.0
1018	DL	3.6	7.2	13.6	0.14	0.003	0.012	0.04	3.42	48.36	72.37	24.00	0.0	0.000	0.0	0.01	3.39	215.1	0.0	0.0	0.0
1019	DL	3.5	6.6	14.4	0.13	0.003	0.010	0.04	3.36	48.36	73.28	24.10	0.0	0.000	0.0	1.20	3.54	215.2	0.0	0.0	0.0
1020	DL	3.4	6.1	14.6	0.13	0.003	0.010	0.04	3.36	48.35	73.34	24.11	0.0	0.000	0.0	1.20	3.50	215.2	0.0	0.0	0.0
1021	DL	3.3	5.8	14.7	0.13	0.003	0.009	0.04	3.37	48.36	73.21	24.10	0.0	0.000	0.0	1.20	3.51	215.1	0.0	0.0	0.0
1022	DL	3.2	5.5	14.7	0.13	0.003	0.009	0.04	3.37	48.35	73.23	24.10	0.0	0.000	0.0	1.20	3.60	215.1	0.0	0.0	0.0
1023	DL	3.2	5.3	14.9	0.13	0.003	0.008	0.04	3.37	48.35	73.33	24.11	0.0	0.000	0.0	1.20	3.65	215.1	0.0	0.0	0.0
1024	DL	3.2	5.1	14.9	0.13	0.002	0.008	0.04	3.36	48.35	73.39	24.12	0.0	0.000	0.0	1.20	3.72	215.0	0.0	0.0	0.0
1025	DL	3.1	5.0	15.0	0.13	0.002	0.008	0.04	3.37	48.36	73.27	24.10	0.0	0.000	0.0	1.20	3.77	215.0	0.0	0.0	0.0
1026	DL	3.1	4.9	15.1	0.13	0.002	0.008	0.04	3.38	48.35	73.07	24.08	0.0	0.000	0.0	1.20	3.77	215.0	0.0	0.0	0.0
1027	DL	3.1	4.7	15.3	0.14	0.002	0.008	0.04	3.40	48.35	72.88	24.06	0.0	0.000	0.0	1.21	3.63	215.0	0.0	0.0	0.0
1028	DL	3.0	4.6	15.3	0.14	0.002	0.007	0.04	3.41	48.35	72.69	24.04	0.0	0.000	0.0	1.21	3.60	214.9	0.0	0.0	0.0
1029	DL	3.0	4.5	15.2	0.14	0.002	0.007	0.04	3.42	48.35	72.57	24.02	0.0	0.000	0.0	1.21	3.69	214.8	0.0	0.0	0.0
1030	DL	3.0	4.5	15.3	0.14	0.002	0.007	0.04	3.42	48.35	72.52	24.02	0.0	0.000	0.0	1.22	3.69	214.8	0.0	0.0	0.0
1031	DL	3.0	4.5	15.4	0.14	0.002	0.007	0.04	3.42	48.35	72.47	24.01	0.0	0.000	0.0	1.22	3.76	214.7	0.0	0.0	0.0
1032	DL	3.0	4.4	15.2	0.14	0.002	0.007	0.04	3.43	48.34	72.34	24.00	0.0	0.000	0.0	1.22	3.75	214.7	0.0	0.0	0.0
1033	DL	3.0	4.5	15.2	0.14	0.002	0.007	0.04	3.43	48.35	72.31	23.99	0.0	0.000	0.0	1.22	3.72	214.6	0.0	0.0	0.0
1034	DL	3.0	4.4	15.3	0.14	0.002	0.007	0.04	3.45	48.35	72.11	23.97	0.0	0.000	0.0	1.22	3.70	214.6	0.0	0.0	0.0
1035	DL	3.0	4.4	15.3	0.14	0.002	0.007	0.04	3.45	48.34	72.01	23.96	0.0	0.000	0.0	1.23	3.83	214.6	0.0	0.0	0.0
1036	DL	3.0	4.4	15.1	0.14	0.002	0.007	0.04	3.45	48.35	71.99	23.96	0.0	0.000	0.0	1.23	3.79	214.5	0.0	0.0	0.0
1037	DL	3.0	4.4	15.3	0.14	0.002	0.007	0.04	3.46	48.35	71.90	23.94	0.0	0.000	0.3	0.17	3.69	214.5	0.0	0.0	0.0
1038	DL	3.0	4.5	15.3	0.14	0.002	0.007	0.04	3.47	48.35	71.71	23.92	0.0	0.001	2.5	1.98	3.79	214.5	0.0	0.0	0.0
1039	DL	3.0	4.6	15.1	0.14	0.002	0.007	0.04	3.48	48.35	71.63	23.91	0.0	0.000	0.7	0.59	3.85	214.4	0.0	0.0	0.0
1040	DL	3.0	4.6	14.8	0.14	0.002	0.007	0.04	3.47	48.34	71.74	23.93	0.0	0.000	0.2	0.17	3.90	214.4	0.0	0.0	0.0
1041	DL	3.0	4.5	14.8	0.14	0.002	0.007	0.04	3.44	48.35	72.13	23.97	0.0	0.000	0.0	1.22	3.84	214.3	0.0	0.0	0.0
1042	DL	3.0	4.5	14.9	0.14	0.002	0.007	0.04	3.43	48.34	72.29	23.99	0.0	0.000	0.0	1.22	3.83	214.3	0.0	0.0	0.0
1043	DL	2.9	4.4	14.7	0.14	0.002	0.007	0.04	3.43	48.33	72.40	24.00	0.0	0.000	0.0	1.22	3.80	214.3	0.0	0.0	0.0
1044	DL	2.9	4.4	14.8	0.14	0.002	0.007	0.04	3.42	48.34	72.45	24.01	0.0	0.000	0.0	1.22	3.88	214.3	0.0	0.0	0.0
1045	DL	2.9	4.4	14.9	0.14	0.002	0.007	0.04	3.43	48.34	72.36	24.00	0.0	0.000	0.0	1.22	3.81	214.4	0.0	0.0	0.0
1046	DL	2.9	4.4	14.7	0.14	0.002	0.007	0.04	3.42	48.34	72.44	24.01	0.0	0.000	0.0	1.22	3.90	214.3	0.0	0.0	0.0
1047	DL	2.9	4.3	14.9	0.14	0.002	0.007	0.04	3.42	48.33	72.53	24.02	0.0	0.000	0.0	1.21	3.87	214.4	0.0	0.0	0.0
1048	DL	2.9	4.3	14.8	0.14	0.002	0.007	0.04	3.42	48.35	72.53	24.02	0.0	0.000	0.0	1.21	3.82	214.4	0.0	0.0	0.0
1049	DL	2.9	4.3	14.8	0.14	0.002	0.007	0.04	3.42	48.33	72.50	24.01	0.0	0.000	0.0	1.22	3.88	214.4	0.0	0.0	0.0

1050 DL	2.9	4.3	15.0	0.14	0.002	0.007	0.04	3.43	48.33	72.39	24.00	0.0	0.000	0.0	1.22	3.83	214.4	0.0	0.0	0.0
1051 DL	2.9	4.3	15.0	0.14	0.002	0.007	0.04	3.43	48.33	72.30	23.99	0.0	0.000	0.0	1.22	3.83	214.5	0.0	0.0	0.0
1052 DL	2.9	4.4	15.1	0.14	0.002	0.007	0.04	3.44	48.33	72.15	23.97	0.0	0.000	0.0	1.22	3.76	214.4	0.0	0.0	0.0
1053 DL	2.9	4.3	15.1	0.14	0.002	0.007	0.04	3.45	48.33	72.08	23.97	0.0	0.000	0.0	1.22	3.85	214.3	0.0	0.0	0.0
1054 DL	2.9	4.3	14.9	0.14	0.002	0.007	0.04	3.44	48.33	72.10	23.97	0.0	0.000	0.0	1.22	3.72	214.3	0.0	0.0	0.0
1055 DL	3.0	4.3	14.9	0.14	0.002	0.007	0.04	3.44	48.33	72.24	23.98	0.0	0.000	0.0	1.22	3.62	214.2	0.0	0.0	0.0
1056 DL	3.0	4.3	14.7	0.14	0.002	0.007	0.04	3.43	48.33	72.40	24.00	0.0	0.000	0.0	1.22	3.54	214.1	0.0	0.0	0.0
1057 DL	3.0	4.2	14.5	0.14	0.002	0.007	0.04	3.42	48.32	72.53	24.02	0.0	0.000	0.0	1.21	3.75	214.1	0.0	0.0	0.0
1058 DL	3.0	4.2	14.6	0.14	0.002	0.007	0.04	3.41	48.32	72.66	24.03	0.0	0.000	0.0	1.21	3.79	214.0	0.0	0.0	0.0
1059 DL	3.0	4.2	14.7	0.14	0.002	0.007	0.04	3.40	48.32	72.84	24.05	0.0	0.000	0.0	1.21	3.68	214.1	0.0	0.0	0.0
1060 DL	3.0	4.2	14.6	0.14	0.002	0.007	0.04	3.39	48.32	73.02	24.07	0.0	0.000	0.0	1.20	3.83	214.1	0.0	0.0	0.0

Total test time = 249:58

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Test #: 1067 EPA Schedule D

Date: 5/10/94

Test cycle results

CO (g/mi) =	1.82
CO2 (g/mi) =	143.05
NOx (g/mi) =	4.17

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
08:43:27	71.31	1.56	121.12	91.58	57.39	72.94	678.81							
08:43:28	71.31	1.56	121.61	91.58	57.39	72.94	682.37							
08:43:29	77.90	1.56	121.61	91.58	58.61	72.94	679.32							
08:43:30	77.90	1.56	121.61	91.58	58.61	72.94	680.34	11.9483	12.2036	0.1131	0.0005	0.0013	0.0015	0.0000
08:43:31	77.78	1.56	121.61	91.58	57.39	72.70	678.81	11.9483	12.2036	0.1131	0.0010	0.0027	0.0030	0.0001
08:43:32	77.78	1.56	121.61	91.58	57.39	72.94	678.81	11.9483	12.2037	0.0000	0.0015	0.0040	0.0030	0.0001
08:43:33	77.78	1.56	121.61	92.80	58.61	72.94	679.83	11.9483	12.2037	0.1131	0.0020	0.0053	0.0046	0.0001
08:43:34	77.90	1.56	137.24	94.02	59.83	72.94	675.76	11.9483	12.2037	0.0000	0.0025	0.0067	0.0046	0.0001
08:43:35	77.78	1.56	137.73	95.24	62.27	72.94	675.76	11.9483	12.2037	0.1131	0.0030	0.0080	0.0061	0.0001
08:43:36	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.1076	12.3664	0.0000	0.0036	0.0094	0.0061	0.0001
08:43:37	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.2669	12.5292	0.0000	0.0041	0.0109	0.0061	0.0001
08:43:38	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.0000	0.0046	0.0125	0.0061	0.0001
08:43:39	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.1131	0.0052	0.0140	0.0076	0.0002
08:43:40	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.1131	0.0057	0.0156	0.0091	0.0002
08:43:41	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.1131	0.0063	0.0172	0.0106	0.0002
08:43:42	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.1131	0.0068	0.0188	0.0122	0.0003
08:43:43	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.1131	0.0073	0.0203	0.0137	0.0003
08:43:44	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.1131	0.0079	0.0219	0.0152	0.0003
08:43:45	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.1131	0.0084	0.0235	0.0167	0.0003
08:43:46	77.78	1.56	137.73	95.24	62.27	72.70	675.76	12.4262	12.6919	0.1131	0.0090	0.0251	0.0182	0.0004
08:43:47	74.85	1.83	151.40	97.68	65.93	72.94	675.76	12.4262	12.6919	0.1131	0.0095	0.0266	0.0198	0.0004
08:43:48	83.88	1.87	151.40	97.68	65.93	72.94	675.76	12.4262	12.6919	0.1131	0.0100	0.0282	0.0213	0.0004
08:43:49	83.76	1.91	151.40	97.68	67.16	72.94	675.76	12.4262	12.6919	0.1131	0.0106	0.0298	0.0228	0.0005
08:43:50	83.88	1.95	151.40	98.90	67.16	72.94	676.78	12.7448	13.0636	0.1131	0.0111	0.0315	0.0246	0.0005
08:43:51	83.88	1.99	151.40	97.68	68.38	72.94	736.27	12.7448	13.0721	0.1131	0.0117	0.0333	0.0264	0.0005
08:43:52	83.88	2.03	151.40	98.90	69.60	72.94	944.75	12.7448	13.0782	0.1131	0.0123	0.0351	0.0282	0.0006
08:43:53	83.88	2.11	226.13	101.34	72.04	72.94	783.05	12.9041	13.2486	0.1131	0.0129	0.0369	0.0301	0.0006
08:43:54	83.88	2.11	226.13	101.34	72.04	72.94	783.05	12.7448	13.0919	0.4523	0.0135	0.0387	0.0379	0.0007
08:43:55	83.88	2.19	226.13	101.34	69.60	72.70	862.37	12.9041	13.2638	3.7317	0.0141	0.0405	0.1032	0.0018
08:43:56	83.88	2.19	226.13	101.34	69.60	72.70	862.37	13.2227	13.6048	3.8447	0.0148	0.0433	0.1729	0.0028
08:43:57	83.88	2.32	226.62	130.65	78.14	72.70	1320.51	13.2227	13.6048	3.8447	0.0154	0.0460	0.2426	0.0039
08:43:58	88.16	2.37	226.13	156.29	81.81	72.70	822.71	13.2227	13.6205	4.8625	0.0160	0.0488	0.3344	0.0052
08:43:59	88.16	2.37	226.13	156.29	81.81	72.70	822.71	13.2227	13.6205	4.8625	0.0166	0.0516	0.4262	0.0066
08:44:00	88.28	2.46	226.62	144.08	80.59	72.70	1386.61	17.0462	17.5892	8.7072	0.0174	0.0552	0.6002	0.0090
08:44:01	88.28	2.46	226.62	144.08	80.59	72.70	1386.61	20.3917	21.0546	7.3503	0.0185	0.0594	0.7501	0.0111
08:44:02	88.28	2.51	226.13	166.06	83.03	72.70	1336.78	20.3917	21.0546	7.3503	0.0195	0.0637	0.8999	0.0131
08:44:03	88.16	2.57	226.13	189.26	91.58	72.46	1433.90	18.7986	19.4320	9.4988	0.0204	0.0677	1.1006	0.0157
08:44:04	88.16	2.62	226.13	189.26	91.58	72.46	1433.90	18.7986	19.4320	9.4988	0.0214	0.0716	1.3013	0.0184
08:44:05	88.28	2.66	301.83	363.86	161.17	72.70	1553.90	21.6662	22.4126	10.2904	0.0224	0.0762	1.5235	0.0212
08:44:06	88.16	2.70	302.32	444.44	199.02	72.70	1367.29	24.6931	25.5651	10.4034	0.0237	0.0814	1.7538	0.0241
08:44:07	88.16	2.70	302.32	444.44	199.02	72.70	1367.29	24.6931	25.5811	10.4034	0.0249	0.0866	1.9883	0.0270
08:44:08	94.75	2.76	301.83	387.06	203.91	72.70	839.49	47.4744	49.2047	15.1528	0.0273	0.1000	2.3343	0.0312
08:44:09	94.75	2.76	302.32	302.81	179.49	72.70	738.31	57.9889	60.1369	15.6051	0.0302	0.1163	2.6965	0.0356
08:44:10	94.75	2.82	302.32	175.82	114.77	72.70	859.32	57.9889	60.1369	15.6051	0.0331	0.1327	3.0587	0.0399
08:44:11	94.75	2.84	301.83	175.82	114.77	72.70	859.32	50.5013	52.4162	14.3613	0.0358	0.1469	3.3997	0.0439
08:44:12	94.75	2.86	301.83	158.73	108.67	72.70	1097.80	39.5089	41.0070	14.1351	0.0379	0.1580	3.7354	0.0478
08:44:13	94.75	2.86	302.32	172.16	113.55	72.70	1178.14	22.9406	23.8304	13.3435	0.0392	0.1645	4.0594	0.0515
08:44:14	94.75	2.89	326.25	175.82	113.55	72.70	1178.14	22.9406	23.8353	13.3435	0.0404	0.1710	4.3852	0.0552
08:44:15	94.75	2.89	326.25	175.82	112.33	72.70	853.22	20.7103	21.5247	13.6828	0.0415	0.1768	4.7221	0.0590
08:44:16	94.75	2.92	326.74	155.07	98.90	72.70	740.85	22.4627	23.3461	15.0398	0.0427	0.1832	5.0924	0.0632
08:44:17	94.75	2.98	326.25	139.19	91.58	72.94	743.90	22.9406	23.8515	15.0398	0.0440	0.1902	5.4662	0.0674
08:44:18	94.75	2.98	326.74	129.43	86.69	72.94	1230.51	22.9406	23.8515	14.2482	0.0452	0.1972	5.8203	0.0713
08:44:19	129.55	2.99	326.25	139.19	86.69	72.94	1173.05	20.2324	21.0444	13.5697	0.0463	0.2034	6.1612	0.0751
08:44:20	129.55	3.01	326.25	157.51	87.91	72.70	1368.81	18.1614	18.9041	13.3435	0.0473	0.2089	6.5027	0.0788
08:44:21	129.55	3.05	326.25	185.59	97.68	72.70	1485.76	16.8869	17.5775	14.3613	0.0482	0.2141	6.8703	0.0828
08:44:22	129.55	3.09	326.25	282.05	137.97	72.94	1468.48	18.1614	18.9082	14.7005	0.0495	0.2196	7.2480	0.0869
08:44:23	129.55	3.12	326.25	329.67	159.95	72.94	1382.03	20.5510	21.4039	15.8313	0.0511	0.2259	7.6585	0.0913
08:44:24	129.55	3.21	349.69	350.43	181.93	72.94	1549.32	24.2151	25.2306	17.0752	0.0528	0.2333	8.1059	0.0960
08:44:25	129.55	3.25	349.69	350.43	181.93	72.94	1549.32	36.8006	38.3659	18.4322	0.0556	0.2446	8.5956	0.1011

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			

08:44:26	129.55	3.30	349.69	415.14	207.57	72.94	1230.51	43.0137	44.8642	18.4322	0.0587	0.2577	9.0908	0.1063
08:44:27	129.55	3.36	349.69	319.90	188.03	72.94	980.34	45.7220	47.7461	20.0153	0.0621	0.2727	9.6441	0.1118
08:44:28	217.22	3.40	349.69	263.74	173.38	73.19	980.34	45.7220	47.7709	20.0153	0.0655	0.2878	10.2041	0.1174
08:44:29	217.22	3.46	349.69	227.11	161.17	73.19	772.88	54.1654	56.6280	19.6761	0.0695	0.3056	10.7625	0.1228
08:44:30	217.34	3.50	349.69	189.26	142.86	72.94	752.54	41.7393	43.6732	18.7714	0.0726	0.3193	11.3054	0.1281
08:44:31	217.34	3.53	349.69	172.16	129.43	72.94	752.54	34.4110	36.0299	18.3191	0.0769	0.3306	11.8413	0.1332
08:44:32	217.34	3.53	349.69	172.16	129.43	72.94	752.54	29.6317	31.0499	15.4921	0.0806	0.3404	12.3023	0.1375
08:44:33	217.22	3.59	349.69	156.29	119.66	73.19	752.54	24.6931	25.8897	16.0575	0.0837	0.3485	12.7861	0.1419
08:44:34	217.22	3.65	353.60	163.61	125.76	73.19	944.24	22.4627	23.5611	15.2659	0.0865	0.3559	13.2501	0.1462
08:44:35	217.34	3.67	353.60	163.61	125.76	73.19	944.24	22.4627	23.5611	15.2659	0.0893	0.3634	13.7142	0.1504
08:44:36	217.34	3.69	354.09	177.05	113.55	73.19	1159.83	20.3917	21.4054	14.8136	0.0918	0.3701	14.1719	0.1545
08:44:37	217.34	3.69	354.09	185.59	111.11	73.19	728.14	21.3476	22.4251	14.9267	0.0945	0.3772	14.6402	0.1587
08:44:38	264.84	3.71	354.09	185.59	111.11	73.19	728.14	21.3476	22.4321	14.9267	0.0972	0.3844	15.1114	0.1628
08:44:39	264.84	3.73	354.09	147.74	94.02	73.19	1023.05	23.1000	24.2811	15.1528	0.1001	0.3921	15.5929	0.1670
08:44:40	264.84	3.73	354.09	147.74	94.02	73.19	1023.05	24.2151	25.4533	14.0220	0.1031	0.4002	16.0384	0.1709
08:44:41	264.84	3.73	354.09	139.19	90.35	73.43	723.05	24.2151	25.4621	14.0220	0.1068	0.4083	16.4863	0.1748
08:44:42	264.84	3.71	354.58	113.55	81.81	73.43	692.54	19.2765	20.2734	13.5697	0.1097	0.4148	16.9216	0.1786
08:44:43	264.84	3.71	357.51	105.01	78.14	73.43	692.54	19.2765	20.2734	13.5697	0.1127	0.4212	17.3568	0.1823
08:44:44	264.84	3.72	358.00	109.89	79.37	73.43	1208.65	18.1614	19.1005	9.9511	0.1154	0.4273	17.6760	0.1851
08:44:45	264.84	3.72	358.00	153.85	86.69	73.43	1468.44	14.8158	15.5780	4.7494	0.1177	0.4323	17.8276	0.1864
08:44:46	264.84	3.74	358.00	203.91	102.56	73.43	1486.27	13.7007	14.4054	4.7494	0.1198	0.4369	17.9791	0.1877
08:44:47	264.84	3.74	357.51	244.20	125.76	73.19	1095.28	14.3379	15.0778	7.0110	0.1220	0.4417	18.2035	0.1897
08:44:48	327.23	3.76	357.51	233.21	135.53	73.19	1179.66	20.0731	21.1089	9.6119	0.1250	0.4485	18.5112	0.1924
08:44:49	327.23	3.76	357.51	233.21	135.53	73.19	1179.66	26.6048	27.9835	10.8558	0.1291	0.4576	18.8601	0.1954
08:44:50	327.23	3.79	357.51	207.57	125.76	73.19	1281.36	31.8620	33.5132	10.2904	0.1340	0.4683	19.1909	0.1982
08:44:51	327.23	3.79	357.51	207.57	125.76	73.19	1281.36	30.4282	32.0204	9.3857	0.1397	0.4786	19.4948	0.2008
08:44:52	327.23	3.81	357.51	199.02	114.77	73.19	1189.32	30.4282	32.0204	9.3857	0.1454	0.4889	19.7987	0.2035
08:44:53	327.35	3.81	319.90	213.68	116.00	73.43	1651.53	27.0827	28.5101	9.8380	0.1505	0.4981	20.1195	0.2062
08:44:54	327.35	3.81	319.90	213.68	116.00	73.43	1651.53	27.0827	28.5101	9.8380	0.1556	0.5073	20.4404	0.2089
08:44:55	327.23	3.76	319.90	481.07	188.03	73.19	1773.56	25.9675	27.3433	9.2726	0.1605	0.5160	20.7444	0.2115
08:44:56	327.23	3.76	319.90	481.07	188.03	73.19	1773.56	27.8793	29.3563	11.8735	0.1658	0.5245	21.1336	0.2148
08:44:57	327.23	3.73	320.39	1064.71	388.28	73.43	1949.49	27.8793	29.3563	11.8735	0.1711	0.5329	21.5228	0.2181
08:44:58	327.23	3.69	320.39	1517.70	634.92	73.43	1093.22	62.7682	66.0456	16.8491	0.1829	0.5519	22.0672	0.2228
08:44:59	365.57	3.61	320.39	1517.70	634.92	73.43	1093.22	62.7682	66.0456	16.8491	0.1947	0.5709	22.6116	0.2274
08:45:00	365.57	3.59	320.39	642.25	366.30	73.67	1054.07	138.9184	146.1190	20.8069	0.2209	0.6130	23.2790	0.2332
08:45:01	365.57	3.52	320.39	404.15	269.84	73.67	1202.03	198.0224	208.1678	22.8423	0.2582	0.6730	24.0033	0.2396
08:45:02	365.69	3.52	320.39	404.15	269.84	73.67	1202.03	198.0224	207.9773	22.8423	0.2998	0.7329	24.7130	0.2459
08:45:03	365.69	3.42	320.39	418.80	233.21	73.67	1797.46	83.7971	87.9823	22.9554	0.3174	0.7583	25.4215	0.2523
08:45:04	365.69	3.42	320.39	418.80	233.21	73.67	1797.46	52.7316	55.3165	23.1816	0.3285	0.7742	26.1238	0.2587
08:45:05	365.69	3.39	284.25	782.66	316.24	73.43	1942.37	52.7316	55.3165	23.1816	0.3396	0.7902	26.8261	0.2652
08:45:06	365.69	3.29	284.74	1579.97	616.61	73.67	1669.83	54.6434	57.2476	26.0086	0.3510	0.8067	27.5923	0.2724
08:45:07	365.69	3.29	284.74	1579.97	616.61	73.67	1669.83	54.6434	57.2476	26.0086	0.3625	0.8232	28.3584	0.2796
08:45:08	365.57	3.20	284.25	1238.09	539.68	73.43	1131.87	102.1178	106.9290	29.0618	0.3839	0.8505	29.2047	0.2877
08:45:09	423.44	3.16	284.25	755.80	365.08	73.67	1132.88	206.1472	215.5795	32.7935	0.4271	0.9057	30.1321	0.2968
08:45:10	423.44	3.16	284.25	755.80	365.08	73.67	1132.88	206.1472	215.5795	32.7935	0.4702	0.9609	31.0595	0.3059
08:45:11	423.57	3.13	284.25	544.57	286.94	73.43	1092.71	161.5404	168.7386	33.6981	0.5040	1.0040	31.9876	0.3153
08:45:12	423.57	3.11	284.25	390.72	225.89	73.43	1058.61	98.6130	102.9592	34.1504	0.5279	1.0304	32.9156	0.3248
08:45:13	423.44	3.10	303.79	221.00	141.64	73.43	1026.61	98.6130	102.9592	34.1504	0.5518	1.0567	33.8435	0.3342
08:45:14	423.44	3.10	304.27	195.36	123.32	73.43	1026.61	71.0523	74.1569	32.9065	0.5689	1.0756	34.7299	0.3434
08:45:15	423.44	3.10	304.27	195.36	123.32	73.43	1040.85	50.9792	53.1929	31.7757	0.5813	1.0892	35.5805	0.3522
08:45:16	423.57	3.07	303.79	194.14	118.44	73.19	1501.02	28.8351	30.0825	30.9842	0.5883	1.0975	36.4068	0.3608
08:45:17	423.57	3.07	303.79	296.70	155.07	73.19	1501.02	25.4896	26.5923	30.9842	0.5944	1.1047	37.2331	0.3694
08:45:18	482.42	3.07	303.79	405.37	178.27	73.43	1579.83	25.4896	26.5923	31.4365	0.6006	1.1120	38.0715	0.3782
08:45:19	482.42	3.13	303.79	400.49	178.27	73.43	1240.17	25.3303	26.4165	32.1150	0.6067	1.1192	38.9204	0.3871
08:45:20	482.42	3.13	303.79	400.49	183.15	73.43	1066.78	38.7124	40.3723	32.1150	0.6161	1.1303	39.7693	0.3960
08:45:21	482.54	3.22	304.27	255.19	144.08	73.43	1187.80	52.8910	55.1649	33.3589	0.6306	1.1453	40.6511	0.4053
08:45:22	482.42	3.27	304.27	257.63	145.30	73.43	1187.80	52.2537	54.5400	33.0196	0.6451	1.1602	41.5394	0.4144
08:45:23	482.42	3.27	304.27	257.63	145.30	73.43	1612.88	52.2537	54.5400	32.2280	0.6595	1.1751	42.4065	0.4234
08:45:24	482.42	3.39	324.79	549.45	221.00	73.43	1665.76	33.2958	34.7960	32.9065	0.6687	1.1847	43.3183	0.4325
08:45:25	482.42	3.48	324.79	619.05	258.85	73.43	1665.76	33.6144	35.1527	32.9065	0.6779	1.1943	44.2445	0.4417
08:45:26	482.42	3.48	324.79	619.05	258.85	73.43	1091.70	33.6144	35.1527	33.5850	0.6872	1.2039	45.1898	0.4510
08:45:27	482.42	3.53	324.30	482.30	238.10	73.67	1008.27	71.6896	75.0832	36.4120	0.7071	1.2258	46.2501	0.4611
08:45:28	482.42	3.65	324.79	312.58	189.26	73.43	892.88	80.7702	84.7037	32.7935	0.7294	1.2506	47.2326	0.4702
08:45:29	499.51	3.84	325.27	240.54	159.95	73.43	795.25	80.7702	84.7037	32.7935	0.7518	1.2753	48.2151	0.4793
08:45:30	499.39	3.91	324.79	139.19	100.12	73.67	767.80	62.9275	66.0331	30.3057	0.7692	1.2946	49.1353	0.4878
08:45:31	499.39	3.91	324.79	139.19	100.12	73.67	767.80	40.7834	42.8651	26.8002	0.7806	1.3071	49.9769	0.4952
08:45:32	499.39	4.10	324.30	111.11	83.03	73.43	731.70	31.3841	33.0710	23.8601	0.7896	1.3168	50.7655	0.5018

08:45:33	499.39	4.27	508.91	105.01	83.03	73.43	731.70	18.1614	19.1544	17.3014	0.7948	1.3224	51.3472	0.5066
08:45:34	499.39	4.27	508.91	105.01	76.92	73.43	728.64	18.1614	19.1544	17.3014	0.8001	1.3280	51.9289	0.5114
08:45:35	499.51	4.34	508.91	102.56	75.70	73.43	710.85	14.4972	15.3280	11.7604	0.8043	1.3324	52.3432	0.5147
08:45:36	499.51	4.49	508.91	102.56	75.70	73.43	697.63	13.7007	14.5188	11.7604	0.8082	1.3391	52.7750	0.5180
08:45:37	499.39	4.66	508.91	102.56	75.70	73.43	688.98	13.7007	14.5188	9.9511	0.8122	1.3457	53.1403	0.5207
08:45:38	499.39	4.66	508.91	102.56	75.70	73.43	688.98	13.3820	14.1951	8.5941	0.8161	1.3522	53.4613	0.5231
08:45:39	499.51	4.76	508.91	103.79	75.70	73.67	683.90	13.3820	14.2223	6.1064	0.8200	1.3587	53.6969	0.5248
08:45:40	499.39	4.83	508.91	102.56	75.70	73.43	679.83	13.3820	14.2554	2.2616	0.8239	1.3652	53.7876	0.5254
08:45:41	499.27	4.83	508.91	102.56	75.70	73.43	679.83	13.3820	14.2554	2.2616	0.8278	1.3718	53.8783	0.5261
08:45:42	499.27	4.88	508.91	102.56	75.70	73.43	683.90	13.5413	14.4430	1.4701	0.8317	1.3784	53.9385	0.5265
08:45:43	499.39	4.92	508.91	101.34	74.48	73.43	680.85	13.3820	14.2864	0.1131	0.8356	1.3849	53.9431	0.5265
08:45:44	499.39	4.97	691.09	102.56	73.26	73.43	680.85	13.3820	14.2864	0.1131	0.8395	1.3915	53.9478	0.5265
08:45:45	499.51	5.01	691.09	102.56	74.48	73.43	681.86	13.3820	14.2967	0.1131	0.8434	1.3980	53.9526	0.5266
08:45:46	499.39	5.07	691.09	102.56	75.70	73.43	681.86	13.2227	14.1338	0.0000	0.8473	1.4045	53.9526	0.5266
08:45:47	499.39	5.08	691.09	102.56	78.14	73.67	679.32	13.3820	14.3144	0.1131	0.8512	1.4134	53.9574	0.5266
08:45:48	499.51	5.15	691.09	102.56	78.14	73.67	678.31	13.3820	14.3218	0.0000	0.8551	1.4223	53.9574	0.5266
08:45:49	499.39	5.17	691.09	103.79	81.81	73.91	681.86	13.3820	14.3329	0.1131	0.8591	1.4312	53.9624	0.5266
08:45:50	499.39	5.19	691.09	103.79	84.25	73.91	681.86	13.3820	14.3351	0.1131	0.8630	1.4401	53.9673	0.5267
08:45:51	499.39	5.21	690.60	103.79	75.70	73.67	682.88	13.3820	14.3470	0.1131	0.8669	1.4490	53.9723	0.5267
08:45:52	499.39	5.21	690.60	103.79	75.70	73.67	682.88	13.5413	14.5215	0.1131	0.8709	1.4580	53.9773	0.5267
08:45:53	499.39	5.18	691.58	102.56	72.04	73.67	682.37	13.5413	14.5267	0.0000	0.8748	1.4671	53.9773	0.5267
08:45:54	499.39	5.17	691.58	102.56	72.04	73.67	682.37	13.5413	14.5305	0.0000	0.8788	1.4761	53.9773	0.5267
08:45:55	499.39	5.09	554.33	96.46	69.60	73.67	685.42	13.5413	14.5305	0.0000	0.8828	1.4851	53.9773	0.5267
08:45:56	499.39	5.06	554.33	95.24	69.60	73.67	681.86	13.3820	14.3536	0.1131	0.8867	1.4940	53.9824	0.5268
08:45:57	499.51	5.01	554.33	95.24	68.38	73.67	684.92	13.3820	14.3507	0.1131	0.8906	1.5030	53.9874	0.5268
08:45:58	499.51	4.91	554.82	96.46	68.38	73.91	685.93	12.5855	13.4832	0.1131	0.8943	1.5097	53.9924	0.5268
08:45:59	499.39	4.83	554.33	97.68	68.38	73.67	687.97	12.4262	13.3064	0.1131	0.8980	1.5163	53.9973	0.5269
08:46:00	499.39	4.76	554.33	97.68	68.38	73.67	687.97	12.4262	13.2975	0.1131	0.9016	1.5229	54.0021	0.5269
08:46:01	499.39	4.64	554.82	100.12	70.82	73.67	687.97	12.5855	13.4506	0.1131	0.9053	1.5297	54.0069	0.5269
08:46:02	499.39	4.55	554.33	100.12	70.82	73.91	687.97	12.7448	13.6061	0.1131	0.9090	1.5364	54.0116	0.5270
08:46:03	499.39	4.42	554.82	101.34	72.04	73.67	685.93	12.7448	13.5941	0.1131	0.9127	1.5432	54.0162	0.5270
08:46:04	499.39	4.42	554.82	101.34	72.04	73.67	685.93	13.0634	13.9124	0.1131	0.9165	1.5502	54.0208	0.5270
08:46:05	499.39	4.27	418.07	102.56	75.70	73.91	685.93	13.0634	13.8952	0.1131	0.9203	1.5571	54.0252	0.5271
08:46:06	499.39	4.14	418.07	100.12	76.92	73.67	690.51	13.2227	14.0414	0.1131	0.9242	1.5641	54.0295	0.5271
08:46:07	499.39	4.14	418.07	100.12	76.92	73.67	690.51	13.2227	14.0414	0.1131	0.9280	1.5711	54.0338	0.5271
08:46:08	499.51	4.06	418.07	97.68	76.92	73.91	691.53	13.3820	14.1819	0.1131	0.9319	1.5764	54.0379	0.5271
08:46:09	499.39	3.88	418.07	96.46	73.26	73.91	692.03	13.0634	13.8199	0.0000	0.9357	1.5816	54.0379	0.5271
08:46:10	499.39	3.88	418.07	96.46	73.26	73.91	692.03	13.0634	13.8199	0.0000	0.9394	1.5868	54.0379	0.5271
08:46:11	499.51	3.77	418.07	94.02	68.38	73.91	692.03	12.7448	13.4696	0.0000	0.9431	1.5919	54.0379	0.5271
08:46:12	499.51	3.69	418.07	92.80	70.82	73.91	691.02	12.5855	13.2688	0.0000	0.9467	1.5969	54.0379	0.5271
08:46:13	499.39	3.69	418.07	92.80	70.82	73.91	691.02	12.5855	13.2688	0.0000	0.9504	1.6019	54.0379	0.5271
08:46:14	499.39	3.57	418.07	91.58	73.26	73.67	695.08	12.2669	12.9142	0.0000	0.9539	1.6067	54.0379	0.5271
08:46:15	499.39	3.57	374.11	91.58	74.48	73.67	693.05	12.1076	12.7319	0.0000	0.9574	1.6115	54.0379	0.5271
08:46:16	499.39	3.46	373.63	92.80	69.60	73.91	694.58	12.1076	12.7319	0.0000	0.9609	1.6163	54.0379	0.5271
08:46:17	499.51	3.42	373.63	92.80	69.60	73.91	694.58	11.9483	12.5442	0.0000	0.9643	1.6210	54.0379	0.5271
08:46:18	499.51	3.42	373.63	91.58	67.16	73.67	693.56	11.9483	12.5442	0.1131	0.9677	1.6252	54.0414	0.5272
08:46:19	499.39	3.35	373.63	90.35	67.16	73.67	698.14	12.1076	12.6930	0.1131	0.9712	1.6295	54.0448	0.5272
08:46:20	499.51	3.30	373.63	90.35	67.16	73.67	698.14	12.1076	12.6877	0.1131	0.9747	1.6338	54.0481	0.5272
08:46:21	499.51	3.30	374.11	89.13	64.71	73.67	696.10	11.9483	12.5208	0.1131	0.9781	1.6380	54.0514	0.5273
08:46:22	499.39	3.26	374.11	89.13	64.71	73.67	698.14	11.7889	12.3416	0.1131	0.9815	1.6421	54.0547	0.5273
08:46:23	499.39	3.24	374.11	87.91	62.27	73.67	697.12	11.7889	12.3339	0.1131	0.9848	1.6463	54.0579	0.5273
08:46:24	499.39	3.21	332.60	91.58	58.61	73.43	697.12	11.6296	12.1673	0.0000	0.9882	1.6503	54.0579	0.5273
08:46:25	499.39	3.17	332.11	92.80	56.17	73.43	699.66	11.6296	12.1609	0.0000	0.9915	1.6544	54.0579	0.5273
08:46:26	499.39	3.17	332.11	92.80	56.17	73.43	699.66	11.4703	11.9912	0.1131	0.9948	1.6585	54.0611	0.5274
08:46:27	499.39	3.16	332.11	89.13	56.17	73.43	699.66	11.9483	12.4857	0.1131	0.9982	1.6622	54.0642	0.5274
08:46:28	427.47	3.12	332.11	89.13	56.17	73.43	699.66	12.1076	12.6449	0.0000	1.0016	1.6660	54.0642	0.5274
08:46:29	427.47	3.12	332.11	89.13	56.17	73.43	703.22	12.1076	12.6449	0.0000	1.0051	1.6698	54.0642	0.5274
08:46:30	427.47	3.12	332.60	94.02	58.61	73.43	706.27	11.6296	12.1433	0.1131	1.0084	1.6734	54.0673	0.5274
08:46:31	427.47	3.11	332.60	95.24	67.16	73.43	706.27	11.6296	12.1366	0.1131	1.0113	1.6770	54.0703	0.5275
08:46:32	427.47	3.11	332.11	95.24	64.71	73.43	706.27	11.6296	12.1366	0.0000	1.0141	1.6806	54.0703	0.5275
08:46:33	427.59	3.09	334.07	95.24	64.71	73.43	706.27	12.2669	12.8016	0.1131	1.0171	1.6845	54.0733	0.5275
08:46:34	427.59	3.09	334.07	97.68	65.93	73.43	707.29	12.4262	12.9652	0.0000	1.0201	1.6883	54.0733	0.5275
08:46:35	427.47	3.08	334.07	107.45	73.26	73.43	710.34	12.4262	12.9652	0.1131	1.0232	1.6922	54.0764	0.5275
08:46:36	427.59	3.08	334.55	107.45	73.26	73.43	710.34	12.4262	12.9625	0.1131	1.0262	1.6961	54.0794	0.5276
08:46:37	427.59	3.09	334.55	113.55	75.70	73.67	708.81	12.7448	13.2949	0.1131	1.0293	1.7001	54.0824	0.5276
08:46:38	427.59	3.09	334.07	111.11	75.70	73.67	713.39	14.0193	14.6213	0.0000	1.0327	1.7045	54.0824	0.5276
08:46:39	333.09	3.07	334.07	106.23	73.26	73.43	713.39	14.0193	14.6213	0.0000	1.0362	1.7089	54.0824	0.5276

08:46:40	333.09	3.08	334.55	105.01	72.04	73.43	714.92	14.8158	15.4545	0.1131	1.0398	1.7135	54.0854	0.5276
08:46:41	333.33	3.07	334.07	105.01	74.48	73.43	717.46	14.4972	15.1221	0.0000	1.0433	1.7181	54.0854	0.5276
08:46:42	333.21	3.08	334.07	105.01	75.70	73.67	717.46	13.8600	14.4511	0.1131	1.0459	1.7224	54.0884	0.5276
08:46:43	333.09	3.07	334.55	105.01	75.70	73.67	720.51	13.7007	14.2880	0.1131	1.0486	1.7267	54.0914	0.5277
08:46:44	333.21	3.07	336.02	102.56	73.26	73.43	720.51	13.7007	14.2850	0.0000	1.0512	1.7310	54.0914	0.5277
08:46:45	333.21	3.07	336.02	101.34	72.04	73.67	722.54	13.7007	14.2873	0.0000	1.0538	1.7353	54.0914	0.5277
08:46:46	333.33	3.07	336.51	100.12	75.70	73.67	731.70	13.7007	14.2850	0.0000	1.0564	1.7396	54.0914	0.5277
08:46:47	333.33	3.07	336.51	100.12	75.70	73.67	731.70	13.3820	13.9528	0.1131	1.0589	1.7438	54.0944	0.5277
08:46:48	333.21	3.07	336.02	100.12	75.70	73.67	736.78	13.2227	13.7867	0.1131	1.0614	1.7480	54.0973	0.5277
08:46:49	233.82	3.08	336.02	105.01	81.81	73.67	1087.12	13.0634	13.6206	0.0000	1.0639	1.7521	54.0973	0.5277
08:46:50	233.70	3.08	336.02	123.32	86.69	73.67	1249.83	13.0634	13.6206	0.0000	1.0664	1.7562	54.0973	0.5277
08:46:51	233.70	3.07	336.02	166.06	103.79	73.67	1191.38	13.0634	13.6206	0.0000	1.0689	1.7604	54.0973	0.5277
08:46:52	233.70	3.08	336.51	188.03	120.88	73.67	1103.39	13.7007	14.2846	4.4102	1.0707	1.7647	54.2142	0.5290
08:46:53	233.70	3.08	340.42	178.27	108.67	73.67	699.66	16.0903	16.7762	7.0110	1.0729	1.7697	54.4000	0.5309
08:46:54	233.70	3.08	340.42	178.27	108.67	73.67	699.66	21.6662	22.5862	7.6895	1.0758	1.7766	54.6030	0.5331
08:46:55	233.70	3.08	340.42	152.63	98.90	73.67	695.08	24.5338	25.5795	8.0287	1.0790	1.7843	54.8158	0.5353
08:46:56	233.70	3.08	340.42	114.77	83.03	73.91	682.88	23.2593	24.2507	4.4102	1.0821	1.7917	54.9326	0.5365
08:46:57	233.70	3.10	340.42	107.45	78.14	73.91	682.88	23.2593	24.2507	4.4102	1.0852	1.7992	55.0495	0.5377
08:46:58	166.79	3.08	340.42	102.56	75.70	73.91	685.42	19.9138	20.7626	3.1663	1.0879	1.8055	55.1334	0.5386
08:46:59	166.79	3.10	340.42	98.90	75.70	73.67	685.42	14.9752	15.6135	0.1131	1.0899	1.8103	55.1364	0.5386
08:47:00	166.79	3.11	340.42	95.24	73.26	73.43	681.36	14.0193	14.6207	0.1131	1.0918	1.8148	55.1394	0.5387
08:47:01	166.79	3.11	339.93	91.58	67.16	73.67	683.39	13.3820	13.9514	0.1131	1.0930	1.8190	55.1424	0.5387
08:47:02	166.79	3.11	339.93	90.35	64.71	73.43	684.41	12.9041	13.4553	0.1131	1.0943	1.8232	55.1454	0.5387
08:47:03	166.79	3.11	340.42	90.35	64.71	73.43	684.41	12.4262	12.9590	0.0000	1.0954	1.8271	55.1454	0.5387
08:47:04	166.79	3.12	343.83	92.80	61.05	73.43	681.36	11.9483	12.4605	0.0000	1.0966	1.8309	55.1454	0.5387
08:47:05	166.79	3.11	343.83	95.24	61.05	73.43	681.36	11.7889	12.2944	0.1131	1.0977	1.8347	55.1485	0.5388
08:47:06	166.79	3.12	343.83	96.46	62.27	73.67	681.36	11.7889	12.2944	0.1131	1.0988	1.8385	55.1515	0.5388
08:47:07	166.79	3.11	343.83	98.90	63.49	73.67	677.80	12.1076	12.6287	0.0000	1.1000	1.8424	55.1515	0.5388
08:47:08	139.93	3.12	344.32	100.12	69.60	73.67	677.80	12.4262	12.9590	0.1131	1.1012	1.8464	55.1545	0.5388
08:47:09	139.93	3.12	343.83	101.34	74.48	73.67	681.36	12.5855	13.1278	0.0000	1.1024	1.8504	55.1545	0.5388
08:47:10	139.93	3.14	343.83	98.90	72.04	73.67	679.83	12.9041	13.4581	0.1131	1.1036	1.8546	55.1575	0.5389
08:47:11	139.93	3.14	343.83	98.90	72.04	73.67	679.83	13.0634	13.6257	0.0000	1.1046	1.8588	55.1575	0.5389
08:47:12	139.93	3.15	343.83	97.68	75.70	73.67	679.83	13.2227	13.7919	0.1131	1.1057	1.8631	55.1606	0.5389
08:47:13	139.93	3.17	343.83	97.68	72.04	73.67	679.83	12.9041	13.4616	0.1131	1.1067	1.8672	55.1636	0.5389
08:47:14	139.93	3.19	367.77	96.46	68.38	73.67	681.86	12.9041	13.4616	0.1131	1.1078	1.8714	55.1667	0.5390
08:47:15	140.05	3.21	367.77	96.46	72.04	73.67	683.39	12.7448	13.2982	0.0000	1.1088	1.8755	55.1667	0.5390
08:47:16	140.05	3.24	368.25	98.90	74.48	73.67	683.39	12.7448	13.3010	0.1131	1.1098	1.8796	55.1698	0.5390
08:47:17	139.93	3.26	368.25	96.46	72.04	73.67	716.95	12.5855	13.1395	0.1131	1.1108	1.8840	55.1729	0.5390
08:47:18	146.40	3.28	367.77	95.24	69.60	73.91	704.24	12.5855	13.1429	0.1131	1.1118	1.8883	55.1760	0.5391
08:47:19	146.52	3.28	367.77	95.24	69.60	73.91	704.24	12.9041	13.4812	0.4523	1.1128	1.8928	55.1886	0.5392
08:47:20	146.52	3.33	368.25	95.24	70.82	73.43	677.29	12.5855	13.1504	2.7139	1.1138	1.8971	55.2646	0.5399
08:47:21	146.52	3.35	368.25	94.02	72.04	73.67	677.29	12.4262	12.9888	2.6009	1.1149	1.9014	55.3381	0.5407
08:47:22	146.52	3.36	367.77	94.02	72.04	73.91	679.83	12.4262	12.9888	2.6009	1.1159	1.9057	55.4116	0.5414
08:47:27	146.40	3.39	392.19	94.02	69.60	73.67	681.36	12.4262	12.9963	0.1131	1.1170	1.9100	55.4148	0.5414
08:47:28	147.99	3.39	392.19	91.58	64.71	73.67	678.81	12.2669	12.8330	0.1131	1.1180	1.9143	55.4181	0.5414
08:47:29	147.99	3.39	392.19	90.35	62.27	73.67	678.81	12.2669	12.8356	0.1131	1.1190	1.9185	55.4213	0.5415
08:47:30	147.99	3.39	391.70	89.13	61.05	73.43	678.31	12.2669	12.8396	0.1131	1.1201	1.9231	55.4246	0.5415
08:47:31	147.99	3.39	392.19	89.13	61.05	73.67	681.86	11.9483	12.5075	0.1131	1.1211	1.9275	55.4279	0.5415
08:47:32	147.99	3.37	392.19	91.58	61.05	73.43	681.86	11.7889	12.3407	0.1131	1.1221	1.9318	55.4312	0.5416
08:47:33	147.99	3.37	359.95	95.24	62.27	73.43	679.83	11.6296	12.1740	0.1131	1.1231	1.9361	55.4345	0.5416
08:47:34	147.99	3.37	359.95	95.24	62.27	73.43	679.83	11.6296	12.1740	0.1131	1.1240	1.9404	55.4378	0.5416
08:47:35	147.99	3.37	359.95	96.46	63.49	73.67	681.86	11.9483	12.5029	0.1131	1.1251	1.9448	55.4411	0.5417
08:47:36	147.99	3.34	359.95	102.56	73.26	73.67	681.86	12.4262	13.0031	0.1131	1.1261	1.9490	55.4444	0.5417
08:47:37	147.99	3.34	359.95	102.56	73.26	73.67	681.86	12.4262	13.0031	0.1131	1.1272	1.9532	55.4477	0.5417
08:47:38	146.40	3.31	359.95	102.56	76.92	73.67	681.86	12.5855	13.1698	0.1131	1.1282	1.9575	55.4509	0.5418
08:47:39	146.40	3.29	359.95	102.56	76.92	73.67	680.85	13.3820	13.9982	0.1131	1.1294	1.9620	55.4542	0.5418
08:47:40	146.40	3.29	359.95	102.56	75.70	73.67	680.85	13.3820	13.9982	0.1131	1.1305	1.9666	55.4574	0.5418
08:47:41	146.52	3.26	359.46	100.12	75.70	73.91	680.85	13.3820	13.9931	0.1131	1.1316	1.9711	55.4606	0.5418
08:47:42	146.52	3.26	359.46	100.12	75.70	73.91	680.85	13.3820	13.9894	0.1131	1.1327	1.9756	55.4638	0.5419
08:47:43	146.52	3.24	359.95	98.90	74.48	73.67	685.42	13.3820	13.9894	0.1131	1.1339	1.9801	55.4670	0.5419
08:47:44	146.52	3.23	330.16	96.46	68.38	73.43	683.90	13.0634	13.6514	0.1131	1.1350	1.9846	55.4702	0.5419
08:47:45	146.52	3.23	330.16	96.46	68.38	73.43	683.90	13.0634	13.6514	0.1131	1.1361	1.9890	55.4734	0.5420
08:47:46	146.40	3.20	330.65	100.12	74.48	73.67	686.44	12.9041	13.4814	0.1131	1.1371	1.9933	55.4766	0.5420
08:47:47	146.40	3.20	330.16	101.34	75.70	73.67	687.46	12.5855	13.1458	0.1131	1.1382	1.9972	55.4797	0.5420
08:47:48	146.40	3.20	330.16	101.34	75.70	73.67	687.46	12.5855	13.1458	0.1131	1.1392	2.0011	55.4828	0.5421
08:47:49	132.48	3.18	330.65	98.90	78.14	73.67	685.42	13.0634	13.6393	0.1131	1.1403	2.0052	55.4859	0.5421
08:47:50	132.48	3.18	330.65	98.90	78.14	73.67	685.42	13.2227	13.8057	0.0000	1.1414	2.0093	55.4859	0.5421

08:47:51	132.48	3.17	330.16	98.90	78.14	73.91	690.51	13.2227	13.8057	0.0000	1.1426	2.0134	55.4859	0.5421
08:47:52	132.48	3.16	330.16	102.56	78.14	73.67	691.02	12.9041	13.4698	0.1131	1.1435	2.0174	55.4890	0.5421
08:47:53	132.48	3.16	330.16	102.56	78.14	73.67	691.02	12.9041	13.4698	0.1131	1.1445	2.0214	55.4921	0.5422
08:47:54	132.48	3.14	328.21	100.12	76.92	73.91	698.14	12.9041	13.4677	0.1131	1.1455	2.0254	55.4952	0.5422
08:47:55	132.60	3.14	327.72	98.90	75.70	73.91	700.17	13.3820	13.9636	0.1131	1.1465	2.0296	55.4983	0.5422
08:47:56	132.48	3.14	328.21	96.46	76.92	73.91	684.41	13.3820	13.9636	0.1131	1.1475	2.0337	55.5014	0.5423
08:47:57	132.48	3.12	328.21	98.90	80.59	73.91	682.37	13.0634	13.6291	0.1131	1.1485	2.0377	55.5044	0.5423
08:47:58	132.48	3.12	328.21	98.90	80.59	73.91	682.37	12.9041	13.4628	0.0000	1.1495	2.0417	55.5044	0.5423
08:47:59	132.60	3.11	328.21	101.34	83.03	73.91	681.36	12.5855	13.1304	0.1131	1.1504	2.0456	55.5075	0.5423
08:48:00	142.00	3.11	328.21	102.56	79.37	73.91	680.34	12.9041	13.4593	0.0000	1.1514	2.0495	55.5075	0.5423
08:48:01	141.88	3.11	328.21	102.56	79.37	73.91	680.34	12.9041	13.4593	0.0000	1.1524	2.0535	55.5075	0.5423
08:48:02	142.00	3.10	328.21	100.12	72.04	73.91	680.34	13.2227	13.7895	0.0000	1.1534	2.0576	55.5075	0.5423
08:48:03	142.00	3.10	328.21	98.90	70.82	73.91	680.34	13.3820	13.9559	0.0000	1.1545	2.0617	55.5075	0.5423
08:48:04	142.00	3.10	328.21	98.90	70.82	73.91	682.88	13.3820	13.9559	0.0000	1.1556	2.0658	55.5075	0.5423
08:48:05	142.00	3.10	328.21	97.68	72.04	73.91	681.86	13.0634	13.6215	0.1131	1.1566	2.0698	55.5105	0.5423
08:48:06	142.00	3.10	328.21	95.24	72.04	74.16	680.85	12.9041	13.4554	0.0000	1.1577	2.0738	55.5105	0.5423
08:48:07	142.00	3.10	328.21	91.58	70.82	73.91	684.41	12.9041	13.4554	0.0000	1.1587	2.0778	55.5105	0.5423
08:48:08	131.50	3.10	328.21	91.58	72.04	73.91	680.85	12.7448	13.2893	0.1131	1.1597	2.0817	55.5135	0.5424
08:48:09	131.50	3.10	328.21	90.35	70.82	73.91	680.85	12.4262	12.9570	0.0000	1.1607	2.0855	55.5135	0.5424
08:48:10	131.50	3.10	328.69	91.58	69.60	73.91	685.42	11.9483	12.4587	0.1131	1.1617	2.0892	55.5165	0.5424
08:48:11	131.50	3.10	328.21	90.35	69.60	73.91	685.42	11.9483	12.4584	0.1131	1.1626	2.0929	55.5195	0.5424
08:48:12	131.50	3.10	328.69	90.35	69.60	73.91	685.42	11.7889	12.2923	0.1131	1.1635	2.0965	55.5226	0.5425
08:48:13	131.50	3.10	328.69	90.35	70.82	73.91	682.88	11.9483	12.4584	0.1131	1.1644	2.1002	55.5256	0.5425
08:48:14	131.50	3.10	332.11	94.02	69.60	73.91	682.88	11.7889	12.2923	0.1131	1.1653	2.1038	55.5286	0.5425
08:48:15	131.50	3.09	332.11	92.80	67.16	73.67	681.86	11.7889	12.2923	0.0000	1.1662	2.1075	55.5286	0.5425
08:48:16	131.50	3.09	332.11	91.58	62.27	73.67	681.86	11.7889	12.2923	0.1131	1.1670	2.1111	55.5316	0.5426
08:48:17	131.50	3.09	332.11	91.58	62.27	73.67	681.86	12.2669	12.7913	0.1131	1.1680	2.1149	55.5346	0.5426
08:48:18	119.41	3.10	332.11	87.91	56.17	73.67	681.86	12.1076	12.6226	0.1131	1.1689	2.1187	55.5376	0.5426
08:48:19	119.54	3.10	332.60	87.91	56.17	73.67	681.86	11.9483	12.4565	0.1131	1.1698	2.1224	55.5406	0.5427
08:48:20	119.54	3.10	332.60	87.91	56.17	73.67	681.86	11.9483	12.4565	0.1131	1.1707	2.1261	55.5436	0.5427
08:48:21	119.54	3.11	332.60	91.58	57.39	73.67	681.86	11.4703	11.9598	0.0000	1.1715	2.1297	55.5436	0.5427
08:48:22	119.54	3.11	332.11	91.58	57.39	73.67	685.42	11.4703	11.9598	0.1131	1.1722	2.1333	55.5466	0.5427
08:48:23	119.54	3.11	332.11	94.02	58.61	73.67	681.86	11.4703	11.9598	0.1131	1.1730	2.1369	55.5497	0.5428
08:48:24	119.41	3.11	336.02	94.02	59.83	73.43	683.39	11.9483	12.4601	0.0000	1.1738	2.1406	55.5497	0.5428
08:48:25	119.54	3.11	336.51	91.58	61.05	73.43	684.92	11.9483	12.4601	0.0000	1.1746	2.1443	55.5497	0.5428
08:48:26	119.54	3.11	336.51	90.35	61.05	73.43	684.92	12.2669	12.7924	0.1131	1.1755	2.1481	55.5527	0.5428
08:48:27	119.54	3.11	336.51	90.35	61.05	73.67	684.92	12.2669	12.7924	0.1131	1.1763	2.1520	55.5557	0.5428
08:48:28	119.54	3.11	336.51	95.24	64.71	73.43	683.90	11.9483	12.4601	0.1131	1.1771	2.1558	55.5587	0.5429
08:48:29	105.62	3.11	336.02	100.12	70.82	73.91	737.80	11.7889	12.2940	0.1131	1.1779	2.1595	55.5618	0.5429
08:48:30	105.62	3.11	336.02	100.12	70.82	73.91	737.80	11.7889	12.2940	0.1131	1.1787	2.1632	55.5648	0.5429
08:48:31	105.62	3.11	336.51	108.67	75.70	73.67	910.68	12.4262	12.9585	0.6785	1.1796	2.1671	55.5830	0.5431
08:48:32	105.62	3.09	336.51	136.75	80.59	73.91	789.15	13.0634	13.6220	2.4878	1.1804	2.1712	55.6495	0.5438
08:48:33	105.62	3.09	328.21	136.75	80.59	73.67	699.66	13.0634	13.6220	2.4878	1.1812	2.1754	55.7160	0.5445
08:48:34	105.62	3.09	328.21	125.76	78.14	73.67	710.85	14.1786	14.7849	4.1840	1.1820	2.1798	55.8278	0.5456
08:48:35	105.62	3.09	328.21	108.67	74.48	73.67	700.68	17.8427	18.6008	5.5410	1.1831	2.1855	55.9751	0.5472
08:48:36	105.62	3.09	328.21	102.56	72.04	73.91	685.93	17.8427	18.6008	4.0709	1.1842	2.1909	56.0832	0.5483
08:48:37	105.62	3.09	328.21	100.12	72.04	73.91	684.92	16.4089	17.1061	4.4102	1.1852	2.1960	56.2004	0.5495
08:48:38	105.62	3.09	328.21	100.12	72.04	73.91	684.92	14.1786	14.7810	3.9578	1.1860	2.2004	56.3055	0.5506
08:48:39	101.71	3.09	328.21	97.68	73.28	73.91	683.90	13.3820	13.9506	2.3747	1.1868	2.2045	56.3686	0.5513
08:48:40	101.71	3.09	328.21	96.46	75.70	73.67	683.90	13.0634	13.6185	1.0177	1.1876	2.2085	56.3957	0.5516
08:48:41	101.71	3.07	328.21	96.46	79.37	73.91	686.44	13.0634	13.6185	1.0177	1.1884	2.2125	56.4227	0.5519
08:48:42	101.59	3.05	328.69	96.46	76.92	73.91	684.41	12.7448	13.2862	0.1131	1.1891	2.2164	56.4257	0.5519
08:48:43	101.59	3.05	320.39	98.90	78.14	73.91	684.41	12.5855	13.1201	0.1131	1.1899	2.2203	56.4287	0.5519
08:48:44	101.59	3.05	320.39	106.23	78.14	73.91	686.44	12.5855	13.1160	0.1131	1.1906	2.2242	56.4317	0.5520
08:48:45	101.59	3.04	320.39	112.33	79.37	73.91	688.47	12.5855	13.1140	0.0000	1.1913	2.2281	56.4317	0.5520
08:48:46	101.59	3.04	320.39	112.33	79.37	73.91	688.47	12.9041	13.4460	0.1131	1.1921	2.2319	56.4347	0.5520
08:48:47	101.59	3.06	320.39	108.67	79.37	73.91	879.66	13.8600	14.4420	0.0000	1.1929	2.2361	56.4347	0.5520
08:48:48	94.75	3.05	319.90	107.45	83.03	73.91	950.34	14.6565	15.2696	0.4523	1.1937	2.2405	56.4465	0.5521
08:48:49	94.75	3.05	319.90	114.77	83.03	73.91	996.61	14.6565	15.2696	3.0532	1.1946	2.2449	56.5264	0.5530
08:48:50	94.75	3.05	319.90	114.77	83.03	73.91	996.61	14.1786	14.7748	3.9578	1.1954	2.2492	56.6305	0.5541
08:48:51	94.63	3.05	320.39	128.21	85.47	73.91	1081.02	14.0193	14.6063	5.2017	1.1962	2.2534	56.7667	0.5555
08:48:52	94.75	3.03	320.39	136.75	86.69	73.91	1136.44	14.9752	15.6022	5.9933	1.1970	2.2578	56.9238	0.5572
08:48:53	94.63	3.02	324.30	156.29	90.35	73.91	798.31	14.9752	15.6022	5.9933	1.1978	2.2623	57.0808	0.5588
08:48:54	94.63	3.02	324.30	156.29	90.35	73.91	798.31	16.7276	17.4279	7.0110	1.1987	2.2674	57.2644	0.5608
08:48:55	94.75	3.02	324.30	145.30	87.91	73.91	810.51	17.8427	18.5869	7.8026	1.1996	2.2727	57.4681	0.5630
08:48:56	94.63	3.02	324.30	130.65	86.69	73.91	885.76	20.3917	21.2389	7.3503	1.2007	2.2789	57.6592	0.5650
08:48:57	94.75	3.04	324.79	117.22	81.81	73.67	1039.32	20.3917	21.2389	7.3503	1.2018	2.2851	57.8502	0.5670

08:48:58	94.75	3.04	324.79	116.00	80.59	73.91	1083.56	18.9579	19.7455	7.0110	1.2029	2.2909	58.0325	0.5690
08:48:59	94.75	3.04	324.79	116.00	80.59	73.91	1083.56	17.0462	17.7544	6.8979	1.2038	2.2960	58.2118	0.5709
08:49:00	100.73	3.04	324.79	120.88	80.59	73.91	1115.59	15.2938	15.9325	7.4633	1.2046	2.3007	58.4068	0.5730
08:49:01	100.73	3.06	324.30	125.76	83.03	73.67	882.71	15.1345	15.7665	7.9157	1.2054	2.3053	58.6137	0.5752
08:49:02	100.73	3.06	324.30	125.76	83.03	73.67	882.71	15.1345	15.7665	7.9157	1.2063	2.3099	58.8205	0.5774
08:49:03	100.73	3.06	324.30	122.10	84.25	73.67	1121.70	15.7717	16.4305	8.3680	1.2072	2.3147	59.0392	0.5797
08:49:04	100.73	3.06	324.79	128.21	86.69	73.91	1434.92	16.4089	17.0997	7.9157	1.2081	2.3197	59.2476	0.5819
08:49:05	100.73	3.06	330.16	192.92	107.45	73.91	1717.63	16.4089	17.0997	7.9157	1.2090	2.3247	59.4561	0.5841
08:49:06	100.73	3.06	330.65	334.55	150.18	73.67	1723.22	15.9310	16.6017	8.0287	1.2100	2.3295	59.6675	0.5863
08:49:07	100.73	3.06	330.65	334.55	150.18	73.67	1723.22	16.7276	17.4318	10.0642	1.2109	2.3346	59.9325	0.5891
08:49:08	100.73	3.06	330.16	369.96	180.71	73.67	1074.92	25.1710	26.2306	12.2127	1.2124	2.3424	60.2541	0.5925
08:49:09	105.62	3.06	330.16	280.83	159.95	73.67	1012.88	43.6510	45.4886	15.2659	1.2149	2.3559	60.6561	0.5968
08:49:10	105.62	3.06	330.16	280.83	159.95	73.67	1012.88	43.6510	45.4886	15.2659	1.2174	2.3694	61.0581	0.6010
08:49:11	105.62	3.07	330.65	244.20	150.18	73.91	776.44	48.2710	50.3031	14.1351	1.2202	2.3844	61.4303	0.6049
08:49:12	105.62	3.07	330.16	201.47	125.76	73.67	754.58	36.6413	38.1842	15.7182	1.2224	2.3957	61.8442	0.6093
08:49:13	105.62	3.07	330.16	155.07	102.56	73.43	836.44	36.6413	38.1842	15.7182	1.2246	2.4071	62.2581	0.6137
08:49:14	105.74	3.09	344.32	136.75	94.02	73.67	1068.31	31.8620	33.2088	14.9267	1.2265	2.4169	62.6527	0.6178
08:49:15	105.74	3.09	344.32	136.75	94.02	73.67	1068.31	26.2862	27.3973	13.2305	1.2281	2.4251	63.0024	0.6215
08:49:16	105.74	3.12	343.83	140.42	91.58	73.67	1099.83	20.2324	21.0876	13.5697	1.2293	2.4313	63.3611	0.6252
08:49:17	105.62	3.16	344.32	129.43	90.35	73.67	740.85	17.8427	18.6018	13.4566	1.2304	2.4371	63.7190	0.6290
08:49:18	105.62	3.16	344.32	129.43	90.35	73.67	740.85	17.8427	18.6018	13.4566	1.2315	2.4429	64.0770	0.6327
08:49:19	114.77	3.16	344.32	119.66	86.69	73.43	746.95	18.3207	19.1060	14.9267	1.2326	2.4488	64.4771	0.6369
08:49:20	114.77	3.19	344.32	108.67	81.81	73.67	761.70	16.8869	17.6208	12.0997	1.2336	2.4542	64.8059	0.6402
08:49:21	114.77	3.19	344.32	103.79	78.14	73.43	819.15	16.8869	17.6208	12.0997	1.2346	2.4597	65.1346	0.6436
08:49:22	114.77	3.21	344.32	107.45	78.14	73.67	1240.68	15.6124	16.2912	11.5342	1.2356	2.4647	65.4480	0.6468
08:49:23	114.77	3.21	344.32	107.45	78.14	73.67	1240.68	14.1786	14.8005	11.4212	1.2366	2.4693	65.7611	0.6500
08:49:24	114.77	3.21	357.51	129.43	84.25	73.67	704.24	13.5413	14.1353	11.1950	1.2374	2.4737	66.0679	0.6531
08:49:25	114.77	3.21	357.51	120.88	84.25	73.67	695.08	14.0193	14.6395	12.7781	1.2384	2.4782	66.4211	0.6566
08:49:26	114.77	3.23	357.51	105.01	78.14	73.67	696.61	14.0193	14.6395	12.7781	1.2393	2.4827	66.7743	0.6602
08:49:27	114.77	3.24	357.51	113.55	79.37	73.67	815.59	16.8869	17.6340	8.2549	1.2404	2.4884	67.0025	0.6625
08:49:28	163.86	3.26	358.00	113.55	79.37	73.67	1220.34	15.7717	16.4695	6.1064	1.2414	2.4937	67.1713	0.6642
08:49:29	163.86	3.26	358.00	142.86	84.25	73.43	1248.78	13.7007	14.3105	4.6363	1.2423	2.4983	67.3003	0.6654
08:49:30	163.86	3.32	357.51	166.06	92.80	73.43	776.44	14.8158	15.4777	7.1241	1.2433	2.5033	67.4991	0.6674
08:49:31	163.86	3.32	357.51	166.06	92.80	73.43	776.44	14.8158	15.4832	7.1241	1.2447	2.5083	67.6991	0.6694
08:49:32	163.74	3.34	357.51	140.42	91.58	73.67	920.34	18.6393	19.4788	8.4811	1.2464	2.5145	67.9373	0.6718
08:49:33	163.74	3.36	357.51	133.09	89.13	73.67	1195.42	21.6662	22.6585	6.6718	1.2485	2.5218	68.1277	0.6736
08:49:34	163.74	3.40	351.65	172.16	94.02	73.67	1450.68	21.6662	22.6585	6.6718	1.2505	2.5291	68.3182	0.6755
08:49:35	163.74	3.46	351.65	269.84	136.75	73.67	1489.83	18.3207	19.1647	6.8979	1.2522	2.5353	68.5163	0.6774
08:49:36	163.86	3.49	351.16	245.42	136.75	73.67	1009.83	17.3648	18.1705	8.0287	1.2538	2.5411	68.7485	0.6796
08:49:37	163.74	3.51	351.16	229.55	128.21	73.67	1234.07	22.4627	23.5172	10.1773	1.2560	2.5486	69.0462	0.6824
08:49:38	258.36	3.51	351.65	282.52	134.31	73.67	1614.92	35.2075	36.8909	9.4988	1.2593	2.5602	69.3292	0.6851
08:49:39	258.36	3.54	351.16	347.99	144.08	73.67	1614.92	32.0213	33.5628	9.4988	1.2623	2.5708	69.6141	0.6877
08:49:40	258.36	3.54	351.16	462.78	144.08	73.67	1628.10	29.9503	31.4019	9.4988	1.2651	2.5807	69.9009	0.6904
08:49:41	258.36	3.54	351.16	462.78	166.06	73.67	1622.54	34.2517	35.9180	11.9866	1.2702	2.5921	70.2629	0.6937
08:49:42	258.36	3.56	351.65	374.85	162.39	73.67	1412.54	45.4034	47.6295	11.9866	1.2769	2.6071	70.6276	0.6970
08:49:43	258.36	3.56	344.32	343.10	155.07	73.67	1385.09	60.3785	63.3389	13.9089	1.2859	2.6271	71.0509	0.7009
08:49:44	258.36	3.53	343.83	350.43	155.07	73.67	1385.09	60.3785	63.3389	16.1706	1.2948	2.6471	71.5430	0.7054
08:49:45	258.36	3.53	343.83	350.43	155.07	73.67	1351.02	48.9082	51.3221	16.8491	1.3021	2.6634	72.0591	0.7101
08:49:46	258.36	3.53	343.83	338.22	159.95	73.67	1267.12	44.7661	46.9756	17.1883	1.3087	2.6779	72.5856	0.7148
08:49:47	258.36	3.51	344.32	233.21	145.30	73.67	1056.10	45.7220	47.9612	17.1883	1.3155	2.6928	73.1080	0.7196
08:49:48	258.36	3.51	344.32	233.21	145.30	73.67	854.24	45.7220	47.9612	17.6406	1.3223	2.7076	73.6443	0.7245
08:49:49	314.41	3.49	343.83	166.06	123.32	73.67	952.37	44.1289	46.2901	17.5275	1.3288	2.7219	74.1770	0.7294
08:49:50	314.41	3.49	343.83	166.06	109.89	73.67	768.31	30.4282	31.9085	16.5098	1.3334	2.7318	74.6755	0.7340
08:49:51	314.41	3.48	343.83	146.52	101.34	73.43	1013.90	30.4282	31.9085	16.5098	1.3379	2.7417	75.1741	0.7385
08:49:52	314.41	3.44	343.83	162.39	101.34	73.67	1181.19	21.6662	22.7155	16.1706	1.3418	2.7487	75.6591	0.7430
08:49:53	314.41	3.44	343.83	162.39	101.34	73.67	1181.19	21.6662	22.7155	14.8136	1.3457	2.7557	76.1034	0.7472
08:49:54	314.29	3.43	337.97	170.94	101.34	73.67	1183.73	19.1172	20.0399	14.9267	1.3491	2.7619	76.5496	0.7513
08:49:55	314.41	3.43	337.97	175.82	98.90	73.43	1290.00	21.1882	22.2005	16.1706	1.3530	2.7688	77.0281	0.7558
08:49:56	314.41	3.43	337.97	175.82	98.90	73.43	1290.00	21.1882	22.2005	16.1706	1.3568	2.7756	77.5066	0.7603
08:49:57	314.29	3.41	337.97	196.58	101.34	73.67	1486.27	22.3034	23.3653	16.1706	1.3608	2.7827	77.9834	0.7648
08:49:58	314.29	3.43	337.97	235.65	111.11	73.91	1601.70	22.9406	24.0329	16.6229	1.3649	2.7900	78.4737	0.7694
08:49:59	314.29	3.43	337.48	333.33	146.52	73.43	1625.59	22.9406	24.0329	16.6229	1.3691	2.7973	78.9639	0.7740
08:50:00	385.84	3.45	337.97	345.54	184.37	73.67	1029.15	25.6489	26.8646	18.0929	1.3737	2.8055	79.4950	0.7790
08:50:01	385.84	3.45	337.97	345.54	184.37	73.67	946.78	30.7469	32.2108	19.2237	1.3792	2.8153	80.0619	0.7844
08:50:02	385.96	3.46	337.97	218.58	145.30	73.67	959.49	43.4917	45.5624	20.5807	1.3871	2.8291	80.6688	0.7901
08:50:03	385.96	3.46	337.97	218.58	145.30	73.67	966.61	45.0848	47.2499	20.9200	1.3971	2.8435	81.2892	0.7959
08:50:04	385.98	3.50	330.16	195.36	129.43	73.43	938.61	45.0848	47.2499	20.5807	1.4070	2.8579	81.8996	0.8016

08:50:05	385.96	3.51	330.65	170.94	108.67	73.67	920.34	28.5165	29.8922	21.1461	1.4134	2.8669	82.5296	0.8075
08:50:06	385.96	3.55	330.65	157.51	102.56	73.43	896.95	28.5165	29.8922	21.1461	1.4197	2.8760	83.1596	0.8134
08:50:07	385.96	3.59	330.16	145.30	96.46	73.67	871.02	25.4896	26.7317	20.6938	1.4253	2.8840	83.7824	0.8191
08:50:08	385.96	3.63	330.16	130.65	91.58	73.67	876.10	22.3034	23.3939	20.1284	1.4303	2.8909	84.3901	0.8247
08:50:09	385.84	3.65	330.16	126.98	87.91	73.67	882.71	20.5510	21.5670	19.4499	1.4348	2.8973	84.9840	0.8301
08:50:10	459.22	3.73	330.65	118.44	83.03	73.67	900.00	18.9579	19.9055	18.9976	1.4390	2.9032	85.5704	0.8354
08:50:11	459.22	3.73	330.65	118.44	80.59	73.43	919.32	17.0462	17.9075	19.1107	1.4428	2.9086	86.1667	0.8407
08:50:12	458.97	3.77	330.65	118.44	80.59	73.67	936.61	16.5683	17.4117	19.2237	1.4465	2.9137	86.7710	0.8460
08:50:13	459.10	3.78	330.65	126.98	83.03	73.43	957.97	15.4531	16.2572	19.6761	1.4506	2.9186	87.4015	0.8515
08:50:14	458.97	3.78	330.16	134.31	85.47	73.43	948.81	15.4531	16.2572	20.1284	1.4547	2.9234	88.0465	0.8571
08:50:15	458.97	3.80	336.51	135.53	85.47	73.43	950.85	15.4531	16.2664	20.4676	1.4588	2.9282	88.7099	0.8628
08:50:16	459.10	3.80	336.51	131.87	85.47	73.43	933.05	16.5683	17.4430	21.0330	1.4631	2.9334	89.3937	0.8686
08:50:17	459.10	3.80	336.02	129.43	86.69	73.43	915.25	17.5241	18.4493	20.8069	1.4678	2.9389	90.0702	0.8744
08:50:18	487.30	3.79	336.51	125.76	87.91	73.43	960.00	17.6834	18.6229	20.5807	1.4725	2.9445	90.7435	0.8801
08:50:19	487.30	3.79	336.51	125.76	87.91	73.43	963.39	17.2055	18.1195	20.4676	1.4770	2.9500	91.4130	0.8858
08:50:20	487.30	3.78	336.51	131.87	100.12	73.67	966.10	16.8869	17.7840	20.0153	1.4815	2.9554	92.0678	0.8914
08:50:21	487.42	3.78	336.51	135.53	105.01	73.43	949.83	16.4089	17.2780	21.3723	1.4861	2.9606	92.7641	0.8973
08:50:22	487.18	3.79	336.02	135.53	101.34	73.67	999.66	16.4089	17.2780	21.3723	1.4907	2.9658	93.4604	0.9032
08:50:23	487.42	3.79	336.02	146.52	96.46	73.43	1032.20	17.2055	18.1139	21.1461	1.4955	2.9713	94.1472	0.9091
08:50:24	487.30	3.82	343.83	172.16	96.46	73.67	1117.63	17.6834	18.6171	20.5807	1.5005	2.9770	94.8157	0.9148
08:50:25	487.30	3.82	343.83	172.16	96.46	73.67	1592.54	17.6834	18.6209	21.9377	1.5055	2.9826	95.5311	0.9209
08:50:26	487.30	3.83	343.83	481.07	184.37	73.67	1684.58	19.1172	20.1307	22.5031	1.5108	2.9887	96.2650	0.9272
08:50:27	487.30	3.83	343.83	1118.44	389.50	73.43	1815.26	22.4627	23.6622	23.0685	1.5172	2.9960	97.0228	0.9336
08:50:28	487.30	3.83	343.83	1118.44	389.50	73.43	1989.66	22.4627	23.6622	23.1816	1.5235	3.0033	97.7843	0.9400
08:50:29	478.88	3.83	344.32	1169.72	573.87	73.67	1412.03	62.7682	66.1302	25.2170	1.5411	3.0238	98.6152	0.9470
08:50:30	478.88	3.83	344.32	1169.72	499.39	73.91	1369.83	145.9281	153.7443	27.2525	1.5821	3.0713	99.5131	0.9546
08:50:31	479.00	3.82	344.32	780.22	420.02	73.67	1437.97	145.9281	153.7443	29.9664	1.6232	3.1188	100.5005	0.9629
08:50:32	478.88	3.79	344.32	594.63	307.69	73.91	1440.51	152.6191	160.7912	29.7403	1.6653	3.1686	101.4804	0.9712
08:50:33	478.88	3.79	344.32	594.63	307.69	73.91	1111.53	152.6191	160.7912	29.9664	1.7075	3.2184	102.4678	0.9795
08:50:34	478.88	3.75	364.35	322.34	244.20	73.67	1024.07	101.7992	107.2335	31.4365	1.7356	3.2516	103.5004	0.9882
08:50:35	478.88	3.73	363.86	252.75	213.68	73.91	1027.63	77.5840	81.6917	31.4365	1.7570	3.2769	104.5246	0.9970
08:50:36	478.88	3.73	363.86	252.75	172.16	73.91	1041.87	77.5840	81.6917	30.8711	1.7784	3.3022	105.5304	1.0055
08:50:37	479.00	3.72	363.86	217.34	141.64	73.91	1051.02	42.0579	44.2617	30.8711	1.7900	3.3167	106.5258	1.0141
08:50:38	479.00	3.72	363.86	217.34	141.64	73.91	1063.73	32.9772	34.6980	30.9842	1.7991	3.3281	107.5207	1.0227
08:50:39	437.73	3.72	364.35	217.34	147.74	73.91	1072.88	32.9772	34.6980	31.4365	1.8082	3.3394	108.5301	1.0315
08:50:40	437.73	3.71	363.86	224.66	162.39	74.16	1082.54	28.3572	29.8307	32.2280	1.8160	3.3492	109.5606	1.0404
08:50:41	437.73	3.71	363.86	224.66	162.39	74.16	1097.29	28.3572	29.8307	32.2280	1.8239	3.3590	110.5911	1.0494
08:50:42	437.73	3.72	363.86	231.99	140.42	74.16	1106.95	28.3572	29.8285	32.3411	1.8310	3.3687	111.6252	1.0583
08:50:43	437.61	3.72	383.88	231.99	140.42	74.16	1123.73	29.3131	30.8291	33.1327	1.8384	3.3788	112.6813	1.0675
08:50:44	437.61	3.72	383.88	231.99	140.42	74.16	1136.44	29.3131	30.8291	33.1327	1.8458	3.3889	113.7374	1.0767
08:50:45	437.73	3.74	383.88	239.32	142.86	74.16	1149.15	30.2689	31.8394	33.4719	1.8534	3.3993	114.8077	1.0860
08:50:46	437.73	3.74	383.88	239.32	142.86	73.91	1718.14	30.2689	31.8394	34.2635	1.8611	3.4103	115.9033	1.0956
08:50:47	437.73	3.77	384.37	341.88	169.72	74.16	1689.66	30.2689	31.8394	34.2635	1.8687	3.4213	116.9989	1.1051
08:50:48	464.59	3.82	383.88	599.51	235.65	73.91	1573.73	31.2248	32.8550	34.7158	1.8766	3.4327	118.1159	1.1147
08:50:49	464.59	3.82	383.88	599.51	235.65	74.16	1208.14	31.2248	32.8550	34.6027	1.8844	3.4440	119.2293	1.1243
08:50:50	464.59	3.92	383.88	312.58	180.71	73.91	1182.71	44.6068	46.9528	36.6382	1.8957	3.4602	120.4168	1.1345
08:50:51	464.59	3.98	383.88	255.19	162.39	73.91	1082.54	78.2213	82.3947	37.9952	1.9166	3.4887	121.6649	1.1451
08:50:52	464.59	3.98	383.88	255.19	162.39	73.91	1075.42	78.2213	82.3947	36.4120	1.9376	3.5171	122.8610	1.1552
08:50:53	464.59	4.14	484.98	218.58	145.30	73.91	1066.78	40.7834	43.0173	35.7336	1.9485	3.5320	124.0660	1.1651
08:50:54	464.59	4.14	484.98	191.70	122.10	73.67	1086.10	33.2958	35.1469	32.4542	1.9575	3.5441	125.1767	1.1741
08:50:55	464.59	4.20	484.98	189.26	118.44	73.91	1088.65	33.2958	35.1469	32.4542	1.9664	3.5562	126.2875	1.1831
08:50:56	464.59	4.26	484.98	190.48	119.66	73.91	1093.22	28.5165	30.1659	32.2280	1.9741	3.5694	127.4349	1.1921
08:50:57	464.59	4.35	484.49	190.48	124.54	73.91	1104.41	25.0117	26.4583	32.7935	1.9808	3.5809	128.6025	1.2012
08:50:58	464.59	4.45	484.98	192.92	126.98	73.91	1117.63	24.6931	26.1429	32.7935	1.9875	3.5923	129.7876	1.2103
08:50:59	499.51	4.49	484.98	206.35	136.75	74.16	1128.31	24.8524	26.3307	33.0196	1.9942	3.6038	130.9965	1.2195
08:51:00	499.39	4.56	484.98	219.78	136.75	73.91	1134.41	24.8524	26.3620	33.3589	2.0009	3.6153	132.2435	1.2287
08:51:01	499.51	4.63	484.98	222.22	128.21	74.16	1088.65	25.1710	26.7373	33.5850	2.0077	3.6270	133.5295	1.2381
08:51:02	499.51	4.70	484.98	206.35	120.88	74.16	1077.97	26.9234	28.6169	34.0373	2.0155	3.6395	134.8453	1.2475
08:51:03	499.39	4.76	484.98	188.03	114.77	73.91	1090.17	28.6758	30.5048	34.2635	2.0238	3.6528	136.1883	1.2571
08:51:04	499.51	4.84	587.06	173.38	111.11	73.91	1106.44	28.9944	30.8740	32.9065	2.0323	3.6662	137.4992	1.2662
08:51:05	499.51	4.90	587.06	173.38	112.33	73.91	1116.10	26.9234	28.6939	32.5673	2.0401	3.6787	138.8151	1.2752
08:51:06	499.51	4.98	586.57	179.49	117.22	73.91	1130.85	24.5338	26.1687	32.7935	2.0473	3.6902	140.1577	1.2843
08:51:07	499.39	5.04	586.57	186.81	120.88	73.91	1143.05	22.6220	24.1558	33.4719	2.0539	3.7029	141.5518	1.2936
08:51:08	499.39	5.04	586.57	186.81	120.88	73.91	1143.05	22.6220	24.1745	33.6981	2.0605	3.7157	142.9722	1.3030
08:51:09	499.51	5.17	587.06	210.01	125.76	73.91	1176.61	23.4186	25.0516	34.1504	2.0674	3.7289	144.4347	1.3125
08:51:10	499.51	5.24	587.06	221.00	130.65	73.91	1192.88	24.3744	26.0956	34.4897	2.0745	3.7426	145.9302	1.3221
08:51:11	499.39	5.30	587.06	231.99	141.84	73.91	1205.09	24.3744	26.0956	34.4897	2.0816	3.7564	147.4257	1.3317

08:51:12	499.39	5.38	587.06	240.54	150.18	73.91	1196.44	27.4013	29.3877	35.5074	2.0897	3.7719	149.0059	1.3415
08:51:13	499.39	5.43	587.06	235.65	148.98	73.67	1197.46	28.8351	30.9526	35.9597	2.0981	3.7883	150.6268	1.3515
08:51:14	499.39	5.49	590.48	233.21	151.40	73.91	1197.46	30.2689	32.5185	36.4120	2.1070	3.8054	152.2876	1.3616
08:51:15	499.51	5.52	590.96	239.32	162.39	73.91	1202.03	31.3841	33.7530	36.0728	2.1163	3.8233	153.9584	1.3716
08:51:16	499.51	5.55	590.96	245.42	175.82	74.16	1223.90	30.7469	33.0864	36.0728	2.1253	3.8407	155.6425	1.3817
08:51:17	499.39	5.55	590.96	282.05	196.58	73.91	1753.73	30.4282	32.7705	36.0728	2.1343	3.8581	157.3460	1.3917
08:51:18	499.51	5.53	590.96	444.44	247.86	74.16	1790.34	31.2248	33.6423	36.2990	2.1435	3.8760	159.0700	1.4018
08:51:19	499.51	5.53	590.48	764.35	357.75	74.40	1608.81	32.0213	34.5147	36.7513	2.1529	3.8944	160.8252	1.4120
08:51:20	499.39	5.51	590.48	1137.97	543.35	74.16	1377.97	36.8006	39.6662	36.6382	2.1637	3.9154	162.5751	1.4221
08:51:21	499.39	5.51	590.48	1098.90	543.35	74.40	1371.87	57.9889	62.4882	38.6737	2.1808	3.9486	164.4158	1.4329
08:51:22	499.39	5.48	590.48	837.61	452.99	74.40	1343.90	99.7281	107.4659	39.9175	2.2102	4.0057	166.3156	1.4440
08:51:23	499.39	5.48	590.96	653.24	377.29	74.40	1318.48	148.4770	159.9560	41.3876	2.2540	4.0907	168.2784	1.4555
08:51:24	499.39	5.45	590.96	517.70	313.80	74.64	1333.22	143.3791	154.4639	41.3876	2.2962	4.1727	170.2412	1.4670
08:51:25	499.51	5.44	596.83	416.36	253.97	74.40	1344.92	109.2867	117.6813	40.4829	2.3284	4.2352	172.1489	1.4782
08:51:26	499.39	5.44	596.83	379.73	225.89	74.40	1363.73	85.2309	91.7777	39.6914	2.3535	4.2840	174.0193	1.4892
08:51:27	499.39	5.39	596.83	383.39	205.13	74.40	1404.41	67.5475	72.7097	40.0306	2.3733	4.3226	175.8962	1.5004
08:51:28	499.51	5.37	596.83	460.32	197.80	74.16	1439.49	54.3248	58.4674	40.5960	2.3893	4.3540	177.7956	1.5116
08:51:29	499.39	5.37	596.83	584.86	217.34	74.40	1456.27	49.5454	53.3237	41.1614	2.4039	4.3826	179.7215	1.5231
08:51:30	499.51	5.34	596.83	611.72	239.32	74.16	1390.17	50.0234	53.8048	41.9530	2.4186	4.4115	181.6674	1.5347
08:51:31	499.39	5.34	596.83	536.02	238.10	74.16	1373.90	60.0599	64.5834	43.4230	2.4363	4.4461	183.6743	1.5468
08:51:32	499.39	5.34	596.83	536.02	238.10	74.40	1373.90	76.3095	82.0568	43.8754	2.4587	4.4902	185.7020	1.5590
08:51:33	499.51	5.33	596.83	422.47	222.22	74.16	1395.76	79.8144	85.7903	41.8399	2.4822	4.5362	187.6245	1.5706
08:51:34	499.39	5.33	596.34	333.33	203.91	74.40	1347.46	69.9371	75.1735	41.3876	2.5027	4.5766	189.5261	1.5821
08:51:35	499.51	5.34	629.06	290.60	189.26	74.40	1313.39	69.9371	75.1735	41.3876	2.5233	4.6169	191.4278	1.5936
08:51:36	499.39	5.35	628.57	252.75	168.50	74.16	1214.24	55.1213	59.2362	42.0661	2.5395	4.6487	193.3550	1.6053
08:51:37	499.39	5.36	628.57	231.99	153.85	74.16	1124.75	43.4917	46.7383	40.5960	2.5523	4.6738	195.2148	1.6166
08:51:38	499.39	5.38	628.57	213.68	129.43	74.16	1022.03	37.9158	40.7526	39.4652	2.5634	4.6968	197.0268	1.6275
08:51:39	499.39	5.40	628.57	200.24	123.32	74.16	964.07	32.9772	35.4499	36.5251	2.5731	4.7169	198.7075	1.6377
08:51:40	499.51	5.40	628.57	185.59	114.77	74.40	895.93	30.2689	32.5436	33.8112	2.5820	4.7353	200.2668	1.6471
08:51:41	499.51	5.45	628.57	162.39	101.34	74.40	754.07	27.8793	29.9836	30.7580	2.5902	4.7522	201.6914	1.6556
08:51:42	499.39	5.46	628.57	135.53	90.35	74.40	699.66	26.1269	28.1062	29.0618	2.5979	4.7681	203.0423	1.6637
08:51:43	499.39	5.49	628.57	120.88	86.69	74.40	742.37	24.2151	26.0496	26.9132	2.6050	4.7828	204.2934	1.6711
08:51:44	499.39	5.53	660.81	109.89	81.81	74.40	732.20	21.1882	22.8064	23.6339	2.6112	4.7957	205.4007	1.6777
08:51:45	499.39	5.57	660.32	105.01	78.14	74.16	686.44	17.6834	19.0378	21.0330	2.6165	4.8065	206.3891	1.6836
08:51:46	499.39	5.60	660.81	102.56	75.70	74.16	739.32	15.7717	16.9867	18.8845	2.6211	4.8161	207.2815	1.6888
08:51:47	499.51	5.62	660.81	100.12	73.26	74.16	734.75	14.3379	15.4488	16.0575	2.6253	4.8253	208.0446	1.6933
08:51:48	499.39	5.64	660.81	100.12	73.26	74.40	723.05	13.7007	14.7705	14.9267	2.6294	4.8341	208.7596	1.6974
08:51:49	499.39	5.66	660.81	100.12	72.04	74.16	707.29	13.3820	14.4330	13.0043	2.6333	4.8426	209.3859	1.7010
08:51:50	499.39	5.69	661.29	97.68	69.60	74.40	703.22	13.0634	14.0930	10.8558	2.6372	4.8510	209.9106	1.7040
08:51:51	499.39	5.70	660.32	97.68	70.82	74.16	700.17	13.0634	14.0966	9.8380	2.6410	4.8594	210.3877	1.7068
08:51:52	499.39	5.72	660.81	97.68	72.04	74.40	703.22	13.0634	14.1002	8.3680	2.6449	4.8678	210.7950	1.7091
08:51:53	499.39	5.74	660.81	96.46	73.26	74.16	698.10	12.7448	13.7620	7.4633	2.6486	4.8760	211.1602	1.7112
08:51:54	499.39	5.76	650.55	95.24	75.70	74.16	686.44	12.7448	13.7648	6.4456	2.6524	4.8841	211.4765	1.7130
08:51:55	499.39	5.78	650.55	95.24	69.60	74.16	682.37	12.7448	13.7676	3.7317	2.6562	4.8923	211.6601	1.7140
08:51:56	499.39	5.78	650.55	95.24	68.38	74.16	683.39	12.5855	13.5997	3.0532	2.6599	4.9004	211.8110	1.7148
08:51:57	499.39	5.78	650.55	95.24	65.93	74.16	679.83	12.4262	13.4310	1.9224	2.6635	4.9082	211.9063	1.7154
08:51:58	499.39	5.78	650.55	95.24	67.16	74.16	681.86	12.4262	13.4345	1.4701	2.6672	4.9161	211.9794	1.7158
08:51:59	499.39	5.76	650.55	96.46	72.04	74.16	678.31	12.4262	13.4345	1.2439	2.6709	4.9240	212.0413	1.7161
08:52:00	499.39	5.73	650.55	100.12	75.70	74.16	676.78	12.4262	13.4345	0.7916	2.6746	4.9318	212.0807	1.7163
08:52:01	499.39	5.69	651.04	102.56	75.70	74.40	678.31	12.4262	13.4345	0.1131	2.6782	4.9397	212.0863	1.7164
08:52:02	499.39	5.62	650.55	103.79	75.70	74.16	679.32	12.5855	13.6032	0.1131	2.6820	4.9476	212.0919	1.7164
08:52:03	499.39	5.56	650.55	105.01	73.26	74.40	679.32	13.0634	14.1133	0.1131	2.6858	4.9559	212.0975	1.7164
08:52:04	499.39	5.47	650.55	102.56	70.82	74.16	678.31	13.3820	14.4508	0.1131	2.6898	4.9644	212.1030	1.7165
08:52:05	499.39	5.35	642.73	101.34	70.82	74.16	680.85	13.5413	14.6093	0.1131	2.6938	4.9729	212.1085	1.7165
08:52:06	499.39	5.24	642.73	100.12	73.26	74.16	682.37	13.7007	14.7682	0.0000	2.6978	4.9816	212.1085	1.7165
08:52:07	499.39	5.15	642.25	97.68	73.26	73.91	679.32	13.3820	14.4077	0.1131	2.7017	4.9900	212.1138	1.7165
08:52:08	499.39	4.97	642.73	97.68	70.82	74.16	680.85	13.2227	14.2135	0.1131	2.7056	4.9982	212.1190	1.7166
08:52:09	499.27	4.86	642.73	101.34	72.04	74.40	679.32	13.0634	14.0234	0.1131	2.7095	5.0063	212.1241	1.7166
08:52:10	499.51	4.67	642.73	103.79	79.37	74.16	680.85	12.7448	13.6645	0.1131	2.7132	5.0142	212.1291	1.7166
08:52:11	499.39	4.55	642.25	103.79	87.91	74.40	681.86	12.7448	13.6314	0.0000	2.7169	5.0221	212.1291	1.7166
08:52:12	499.39	4.42	642.73	117.22	98.90	74.64	682.88	13.2227	14.1221	0.1131	2.7208	5.0302	212.1338	1.7167
08:52:13	499.39	4.20	643.22	128.21	106.23	74.88	681.86	13.5413	14.4259	0.1131	2.7247	5.0386	212.1384	1.7167
08:52:14	499.51	3.99	434.19	131.87	106.23	74.64	681.86	13.5413	14.4028	0.1131	2.7287	5.0469	212.1428	1.7167
08:52:15	499.39	3.87	434.19	124.54	96.46	74.64	681.86	15.2938	16.2389	0.1131	2.7331	5.0563	212.1471	1.7168
08:52:16	499.39	3.75	434.19	114.77	94.02	74.88	683.90	16.7276	17.7109	0.1131	2.7380	5.0665	212.1512	1.7168
08:52:17	499.39	3.63	434.19	114.77	89.13	74.88	681.86	17.2055	18.1651	0.0000	2.7429	5.0736	212.1512	1.7168
08:52:18	499.27	3.50	434.19	105.01	84.25	74.64	681.86	16.2496	17.1284	0.1131	2.7476	5.0803	212.1549	1.7168

08:52:19	499.39	3.40	434.19	101.34	80.59	74.64	682.88	14.9752	15.7604	0.1131	2.7519	5.0865	212.1586	1.7169
08:52:20	499.39	3.27	434.19	100.12	81.81	74.88	684.41	14.9752	15.7359	0.0000	2.7562	5.0926	212.1586	1.7169
08:52:21	499.39	3.17	434.19	101.34	79.37	74.64	684.41	13.7007	14.3713	0.1131	2.7601	5.0982	212.1620	1.7169
08:52:22	499.27	3.10	434.19	102.56	75.70	74.88	683.39	13.2227	13.8513	0.1131	2.7639	5.1036	212.1653	1.7169
08:52:23	499.39	3.00	434.19	98.90	64.71	74.88	684.92	13.0634	13.6617	0.1131	2.7677	5.1090	212.1685	1.7169
08:52:24	499.39	2.94	434.19	94.02	57.39	74.64	684.92	13.2227	13.8103	0.1131	2.7714	5.1144	212.1716	1.7170
08:52:25	499.27	2.87	223.69	91.58	52.50	74.64	684.92	13.3820	13.9636	0.0000	2.7753	5.1198	212.1716	1.7170
08:52:26	499.39	2.82	223.69	91.58	52.50	74.40	684.92	12.9041	13.4460	0.1131	2.7789	5.1251	212.1745	1.7170
08:52:27	499.39	2.76	223.69	90.35	51.28	74.64	687.97	12.2669	12.7721	0.1131	2.7824	5.1300	212.1773	1.7170
08:52:28	499.51	2.71	223.69	87.91	52.50	74.40	687.97	11.9483	12.4293	0.1131	2.7858	5.1325	212.1801	1.7171
08:52:29	499.39	2.68	223.69	87.91	58.61	74.40	687.97	11.9483	12.4196	0.1131	2.7892	5.1350	212.1829	1.7171
08:52:30	499.39	2.65	223.69	95.24	62.27	74.40	768.31	11.7889	12.2451	0.1131	2.7926	5.1375	212.1855	1.7171
08:52:31	499.39	2.63	223.69	98.90	67.16	74.40	911.19	11.4703	11.9067	0.1131	2.7958	5.1399	212.1882	1.7172
08:52:32	499.39	2.63	223.69	102.56	70.82	74.40	971.70	11.4703	11.9011	0.1131	2.7991	5.1423	212.1908	1.7172
08:52:33	499.39	2.62	223.69	102.56	70.82	74.40	1086.61	12.4262	12.8882	0.1131	2.8026	5.1449	212.1934	1.7172
08:52:34	499.39	2.60	268.13	116.00	70.82	74.16	1276.78	12.9041	13.3804	2.7139	2.8063	5.1476	212.2548	1.7180
08:52:35	499.39	2.60	268.13	137.97	76.92	74.16	1434.92	13.3820	13.8759	4.4102	2.8101	5.1504	212.3546	1.7192
08:52:36	499.51	2.62	268.13	178.27	86.69	74.16	1614.92	13.3820	13.8738	5.7671	2.8138	5.1532	212.4846	1.7208
08:52:37	499.39	2.62	268.62	394.38	146.52	74.40	1808.65	15.1345	15.6873	7.9157	2.8181	5.1569	212.6620	1.7230
08:52:38	499.39	2.62	268.13	694.75	213.68	73.91	1699.32	18.0020	18.6597	9.4988	2.8232	5.1614	212.8748	1.7256
08:52:39	414.77	2.63	268.13	909.65	278.39	73.91	1553.39	23.2593	24.1140	11.1950	2.8298	5.1673	213.1271	1.7288
08:52:40	414.77	2.65	268.13	854.70	310.13	74.16	1549.83	51.4572	53.3480	15.0398	2.8444	5.1801	213.4660	1.7329
08:52:41	414.77	2.67	268.13	763.13	302.81	74.40	1644.41	90.6475	93.9784	17.3014	2.8701	5.2028	213.8559	1.7377
08:52:42	414.77	2.67	267.64	757.02	307.69	73.91	1356.10	118.6860	123.0473	18.5453	2.8981	5.2325	214.2758	1.7429
08:52:43	414.77	2.71	268.13	704.52	307.69	73.91	1131.87	111.5171	115.6451	19.3368	2.9243	5.2604	214.7168	1.7483
08:52:44	414.77	2.73	268.13	599.51	284.49	74.16	1186.78	99.5688	103.2868	20.6938	2.9478	5.2853	215.1929	1.7540
08:52:45	414.77	2.73	312.58	512.82	261.29	74.16	1275.25	98.7723	102.4605	23.4077	2.9710	5.3099	215.7314	1.7605
08:52:46	414.77	2.75	312.09	495.73	250.31	74.16	1355.09	91.9219	95.3941	24.5386	2.9927	5.3329	216.3026	1.7673
08:52:47	414.77	2.75	312.58	534.80	256.41	73.91	1416.61	78.2213	81.1971	26.0086	3.0111	5.3525	216.9123	1.7746
08:52:48	414.65	2.78	312.58	676.43	291.82	74.16	1775.59	66.9102	69.4557	27.8179	3.0269	5.3720	217.5645	1.7823
08:52:49	414.77	2.79	312.58	956.04	380.95	74.16	1206.61	64.6799	67.1615	29.6272	3.0422	5.3909	218.2650	1.7905
08:52:50	295.73	2.81	312.58	796.09	380.95	73.91	1161.87	69.7778	72.4551	30.9842	3.0586	5.4113	218.9977	1.7991
08:52:51	295.73	2.81	312.58	661.78	355.31	73.91	1193.90	88.2578	91.6775	31.5496	3.0794	5.4370	219.7511	1.8079
08:52:52	295.73	2.84	312.58	567.77	326.01	74.16	1245.76	124.7398	129.6001	33.9243	3.1089	5.4735	220.5658	1.8173
08:52:53	295.73	2.84	312.09	553.11	312.58	74.16	1280.85	103.8702	107.9161	35.0551	3.1263	5.5038	221.4124	1.8270
08:52:54	295.73	2.87	351.65	595.85	307.69	74.16	1336.27	86.3461	89.7094	36.0728	3.1409	5.5290	222.2835	1.8371
08:52:55	295.73	2.87	351.65	633.70	321.12	74.16	1366.27	74.0792	76.9968	37.5428	3.1533	5.5507	223.2002	1.8475
08:52:56	295.73	2.91	351.65	653.24	327.23	74.16	1369.83	72.1675	75.0098	38.6737	3.1655	5.5717	224.1446	1.8582
08:52:57	295.73	2.93	351.65	577.53	289.38	73.91	1360.68	77.7433	80.8389	40.2568	3.1786	5.5973	225.1384	1.8694
08:52:58	295.73	2.97	351.65	501.83	260.07	74.16	1359.15	82.6820	85.9741	41.2745	3.1925	5.6245	226.1573	1.8809
08:52:59	254.94	3.01	351.65	429.79	222.22	74.16	1352.03	85.2309	88.6661	41.3876	3.2068	5.6525	227.1915	1.8924
08:53:00	254.82	3.06	351.65	343.10	203.91	73.91	1352.03	75.3537	78.4153	41.1614	3.2195	5.6773	228.2284	1.9038
08:53:01	254.94	3.10	351.65	311.36	188.03	74.16	1350.00	65.4765	68.1722	41.0484	3.2306	5.6989	229.2762	1.9152
08:53:02	254.82	3.19	352.14	286.94	179.49	73.91	1353.05	56.0772	58.4180	40.8222	3.2387	5.7173	230.3347	1.9266
08:53:03	254.82	3.25	351.65	288.16	174.60	73.91	1376.95	44.7661	46.6615	40.7091	3.2452	5.7321	231.4053	1.9379
08:53:04	254.94	3.35	351.16	322.34	180.71	73.91	1410.00	40.6241	42.3683	40.8222	3.2512	5.7455	232.4940	1.9492
08:53:05	254.94	3.42	392.19	398.05	201.47	74.16	1412.54	37.4379	39.0941	40.9353	3.2566	5.7579	233.6187	1.9606
08:53:06	254.82	3.50	392.19	426.13	208.79	73.91	1418.14	37.5972	39.2910	41.5007	3.2621	5.7703	234.7798	1.9721
08:53:07	254.94	3.62	391.70	450.55	217.34	73.91	1443.05	42.0579	44.0098	42.2922	3.2682	5.7842	235.9986	1.9838
08:53:08	254.82	3.71	391.70	461.54	216.12	73.91	1433.90	51.9351	54.3935	42.6315	3.2758	5.8034	237.2515	1.9957
08:53:09	363.13	3.80	391.70	452.99	212.45	73.91	1436.95	55.5992	58.2946	42.8576	3.2840	5.8240	238.5413	2.0076
08:53:10	363.13	3.94	392.19	435.90	216.12	73.91	1464.92	58.7854	61.7313	43.5361	3.2926	5.8457	239.8953	2.0197
08:53:11	363.13	4.09	392.19	460.32	229.55	74.16	1461.87	60.2192	63.3125	43.3100	3.3014	5.8680	241.2758	2.0317
08:53:12	363.13	4.28	392.19	476.19	238.10	74.16	1445.09	59.1041	62.2330	43.3100	3.3138	5.8899	242.6926	2.0437
08:53:13	363.13	4.44	392.19	438.34	228.33	73.91	1448.14	56.8737	59.9965	43.8754	3.3257	5.9111	244.1810	2.0559
08:53:14	363.00	4.59	391.70	418.80	218.56	74.16	1468.48	60.0599	63.4792	44.2146	3.3383	5.9335	245.7359	2.0682
08:53:15	363.13	4.81	700.85	479.85	239.32	73.91	1514.24	62.1309	65.8349	43.6492	3.3514	5.9567	247.3427	2.0803
08:53:16	363.13	4.95	700.85	653.24	297.92	73.91	1550.34	57.1923	60.7274	43.7623	3.3635	5.9781	249.0125	2.0925
08:53:17	363.13	5.07	700.85	891.33	380.95	74.16	1575.26	54.6434	58.1380	44.2146	3.3750	5.9986	250.7574	2.1048
08:53:18	363.25	5.29	700.37	1041.51	434.68	74.40	1532.54	62.6089	66.8059	45.5716	3.3883	6.0407	252.6416	2.1174
08:53:19	499.39	5.41	700.37	871.79	391.94	74.16	1560.00	85.2309	91.1137	46.7024	3.4064	6.0981	254.6291	2.1304
08:53:20	499.39	5.61	700.37	710.62	338.22	74.16	1526.44	116.2964	124.5223	47.4940	3.4312	6.1766	256.6996	2.1436
08:53:21	499.39	5.71	700.85	588.52	310.13	74.16	1520.85	135.8915	145.9318	46.2501	3.4602	6.2685	258.8045	2.1565
08:53:22	499.51	5.90	700.85	495.73	283.27	74.16	1532.04	113.7474	122.3774	47.0416	3.4937	6.3456	260.9944	2.1695
08:53:23	499.39	6.01	700.85	473.75	255.19	73.91	1546.27	92.7185	100.0153	46.0239	3.5210	6.4086	263.2158	2.1823
08:53:24	499.39	6.10	700.85	506.72	258.85	74.16	1553.90	76.7875	82.9415	45.7978	3.5437	6.4609	265.4662	2.1950
08:53:25	499.39	6.22	1012.45	520.15	271.06	74.16	1546.27	64.6799	70.0327	46.2501	3.5629	6.5050	267.8119	2.2079

08:53:26	499.39	6.30	1011.96	525.03	282.05	74.16	1553.90	61.8123	67.0276	46.7024	3.5812	6.5473	270.2260	2.2208
08:53:27	499.39	6.38	1011.48	534.80	296.70	74.40	1570.68	66.1137	71.7767	46.9286	3.6008	6.5925	272.6880	2.2339
08:53:28	499.39	6.46	1011.96	622.71	321.12	74.16	1582.37	67.8661	73.7966	46.5893	3.6210	6.6597	275.1808	2.2468
08:53:29	499.39	6.52	1012.45	686.20	343.10	74.16	1610.34	68.5034	74.5699	47.0416	3.6414	6.7276	277.7309	2.2599
08:53:30	499.39	6.56	1011.48	841.27	377.29	74.16	1614.92	69.7778	76.0392	47.3809	3.6622	6.7968	280.3328	2.2731
08:53:31	499.51	6.61	1011.96	865.69	378.51	74.16	1602.20	81.2482	88.6296	47.7201	3.6864	6.8774	282.9855	2.2863
08:53:32	499.51	6.64	1011.48	803.42	354.09	74.40	1591.53	89.5323	97.7366	48.7378	3.7131	6.9664	285.7176	2.2998
08:53:33	499.27	6.66	1011.48	627.59	305.25	74.40	1582.88	109.7647	119.8906	48.7378	3.7459	7.0755	288.4677	2.3134
08:53:34	499.51	6.67	890.84	556.78	290.60	74.16	1586.44	112.9509	123.4530	48.2855	3.7797	7.1878	291.2134	2.3268
08:53:35	499.39	6.69	891.33	528.69	275.95	74.16	1597.12	104.8261	114.6139	48.0594	3.8110	7.2921	293.9575	2.3401
08:53:36	499.39	6.69	891.33	600.73	267.40	74.16	1640.34	81.8854	89.5587	47.7201	3.8355	7.3735	296.6919	2.3534
08:53:37	499.39	6.69	890.84	777.78	261.29	74.40	1673.39	72.6454	79.4651	47.9463	3.8572	7.4372	299.4441	2.3667
08:53:38	499.39	6.69	890.84	777.78	261.29	74.16	1673.39	68.9813	75.4725	48.1725	3.8779	7.4977	302.2157	2.3801
08:53:39	499.51	6.66	890.84	1186.81	373.63	74.16	1686.61	78.3806	85.7562	49.5294	3.9013	7.5665	305.0654	2.3939
08:53:40	499.39	6.64	891.33	1092.80	379.73	74.16	1658.65	101.4805	111.0299	50.4341	3.9317	7.6554	307.9671	2.4079
08:53:41	499.39	6.63	891.33	829.06	338.22	73.91	1653.58	101.4805	111.0299	50.4341	3.9620	7.7444	310.8689	2.4219
08:53:42	499.39	6.60	891.33	687.42	311.36	74.16	1650.00	154.8494	169.3514	50.8864	4.0083	7.8800	313.7829	2.4360
08:53:43	499.39	6.60	890.84	609.28	290.60	73.91	1654.07	142.5826	155.9037	50.2079	4.0510	8.0050	316.6514	2.4500
08:53:44	499.39	6.54	771.67	578.75	290.60	73.91	1671.38	108.1716	118.2535	49.7556	4.0833	8.0998	319.4874	2.4638
08:53:45	499.51	6.52	771.18	642.25	332.11	73.91	1694.75	89.6916	98.0110	49.8687	4.1101	8.1784	322.3164	2.4776
08:53:46	499.51	6.52	771.18	642.25	332.11	73.91	1694.75	79.4957	86.8694	49.8687	4.1338	8.2480	325.1454	2.4915
08:53:47	499.39	6.43	771.18	1009.77	474.97	74.16	1695.76	75.5130	82.4580	50.4341	4.1564	8.3052	327.9828	2.5055
08:53:48	499.39	6.36	771.18	949.94	471.31	74.16	1696.78	83.7971	91.4759	51.2256	4.1814	8.3686	330.8544	2.5197
08:53:49	499.51	6.33	771.18	846.15	424.91	74.16	1696.78	83.7971	91.4759	51.2256	4.2064	8.4321	333.7259	2.5340
08:53:50	499.39	6.30	771.18	789.99	396.83	74.16	1689.15	131.7495	143.6527	51.2256	4.2457	8.5317	336.5580	2.5482
08:53:51	499.39	6.26	771.67	713.08	368.74	74.16	1653.05	123.9433	135.0303	51.2256	4.2826	8.6254	339.3624	2.5624
08:53:52	499.39	6.22	770.70	578.75	319.90	74.16	1667.80	110.4019	120.2283	51.2256	4.3155	8.7087	342.1531	2.5766
08:53:53	499.39	6.17	771.18	572.85	304.03	74.16	1684.58	103.0737	112.1959	50.8864	4.3462	8.7866	344.9100	2.5908
08:53:54	499.39	6.17	771.18	572.85	304.03	74.16	1684.58	93.0371	101.2243	49.9817	4.3738	8.8568	347.6027	2.6047
08:53:55	499.39	6.08	708.72	860.81	391.94	74.16	1684.58	75.5130	82.1075	50.4341	4.3963	8.9137	350.2995	2.6187
08:53:56	499.39	6.05	707.20	785.10	382.17	74.16	1688.65	74.7164	81.1872	50.7733	4.4185	8.9700	352.9922	2.6328
08:53:57	499.39	6.01	707.20	770.45	372.41	74.16	1693.73	74.7164	81.1872	50.7733	4.4407	9.0263	355.6850	2.6469
08:53:58	499.27	5.97	706.72	763.13	369.98	74.16	1667.29	112.3136	121.9026	50.7733	4.4740	9.1038	358.3402	2.6610
08:53:59	499.51	5.90	706.72	688.64	351.85	74.16	1660.68	102.4364	111.1364	51.1125	4.5044	9.1745	360.9994	2.6752
08:54:00	499.39	5.86	706.72	582.42	328.45	74.40	1631.19	100.5247	109.0062	51.2256	4.5342	9.2438	363.6473	2.6894
08:54:01	499.39	5.83	707.20	516.48	293.04	74.16	1625.09	99.5688	107.9087	50.3210	4.5637	9.3124	366.2299	2.7034
08:54:02	499.39	5.83	707.20	516.48	293.04	74.40	1625.09	89.8509	97.2918	50.0948	4.5903	9.3742	368.7722	2.7173
08:54:03	499.39	5.81	706.72	462.76	263.74	74.40	1627.12	75.9909	82.2459	49.1902	4.6128	9.4265	371.2538	2.7310
08:54:04	499.39	5.79	707.20	499.39	255.19	74.16	1674.41	67.3882	72.8975	48.9640	4.6327	9.4729	373.7075	2.7446
08:54:05	499.51	5.76	642.25	739.93	284.49	74.16	1702.88	67.3882	72.8975	48.9640	4.6527	9.5192	376.1612	2.7582
08:54:06	499.51	5.73	642.73	980.46	338.22	74.16	1698.27	60.3785	65.3047	49.1902	4.6705	9.5607	378.6213	2.7718
08:54:07	499.39	5.70	642.73	964.59	396.83	74.16	1691.19	65.1578	70.4486	50.0948	4.6898	9.6056	381.1149	2.7857
08:54:08	499.39	5.67	642.25	899.88	401.71	74.40	1692.20	96.5419	104.3435	51.5649	4.7183	9.6658	383.6695	2.8001
08:54:09	499.51	5.66	642.73	852.26	406.59	74.40	1697.80	127.9260	138.2069	51.2256	4.7561	9.7457	386.1935	2.8143
08:54:10	499.39	5.64	642.73	829.06	398.05	74.16	1701.36	125.8550	135.9274	51.1125	4.7933	9.8243	388.7016	2.8285
08:54:11	499.51	5.62	642.25	841.27	404.15	74.40	1707.97	117.4116	126.7561	51.2256	4.8279	9.8975	391.2016	2.8427
08:54:12	499.51	5.60	642.73	854.70	417.58	74.40	1715.59	111.1985	120.0238	51.2256	4.8608	9.9669	393.6947	2.8570
08:54:13	499.51	5.59	642.73	930.40	442.00	74.40	1726.78	108.1716	116.7266	51.3387	4.8927	10.0343	396.1846	2.8712
08:54:14	499.39	5.55	642.73	970.70	477.41	74.40	1699.32	109.7647	118.4091	51.5649	4.9251	10.1027	398.6751	2.8855
08:54:15	499.39	5.55	612.94	847.37	465.20	74.64	1681.53	111.5171	120.2748	51.6780	4.9580	10.1723	401.1642	2.8999
08:54:16	499.51	5.49	612.94	754.58	440.78	74.64	1681.53	121.3943	130.9075	52.0172	4.9938	10.2479	403.6643	2.9143
08:54:17	499.39	5.49	612.94	703.30	428.57	74.64	1705.43	126.6516	136.5064	51.3387	5.0311	10.3268	406.1146	2.9286
08:54:18	499.39	5.47	612.45	742.37	440.78	74.64	1717.12	110.5612	119.1641	50.7733	5.0637	10.3925	408.5379	2.9427
08:54:19	499.39	5.44	612.94	1057.39	471.31	74.88	1722.71	98.4537	106.0379	50.7733	5.0927	10.4510	410.9373	2.9568
08:54:20	499.39	5.41	612.94	1065.93	483.52	74.88	1734.92	91.7626	98.8315	51.5649	5.1197	10.5055	413.3741	2.9711
08:54:21	499.51	5.39	612.94	1051.28	457.88	74.88	1744.58	96.8605	104.2845	52.0172	5.1482	10.5629	415.8201	2.9856
08:54:22	499.39	5.35	612.94	1058.61	424.91	74.64	1752.71	137.9626	148.4833	52.0172	5.1888	10.6447	418.2538	3.0000
08:54:23	499.39	5.33	612.45	1043.96	396.83	74.64	1758.82	139.0777	149.6218	52.4695	5.2297	10.7272	420.6947	3.0146
08:54:24	499.39	5.28	612.45	1035.41	383.39	74.64	1773.05	137.1660	147.5272	52.5826	5.2700	10.8085	423.1319	3.0292
08:54:25	499.39	5.25	582.66	1037.85	391.94	74.64	1758.78	138.1219	148.4863	52.8088	5.3106	10.8904	425.5636	3.0439
08:54:26	499.39	5.21	582.66	947.50	394.38	74.64	1755.76	136.2102	146.3859	52.6957	5.3507	10.9710	427.9796	3.0585
08:54:27	499.39	5.17	582.66	919.41	399.27	74.64	1761.36	135.0950	145.0977	53.4873	5.3903	11.0509	430.4102	3.0734
08:54:28	499.39	5.14	582.66	1021.98	432.23	74.64	1799.49	135.4136	145.3799	52.9218	5.4301	11.1271	432.8010	3.0881
08:54:29	499.51	5.12	583.15	1244.20	463.98	74.64	1817.29	123.6247	132.6481	52.9218	5.4664	11.1966	435.1722	3.1028
08:54:30	499.39	5.10	582.66	1455.43	570.21	74.64	1825.42	119.9605	128.6568	53.1480	5.5015	11.2640	437.5375	3.1175
08:54:31	499.39	5.10	582.66	1532.36	653.24	74.88	1814.75	133.3426	142.9426	54.2788	5.5406	11.3390	439.9366	3.1326
08:54:32	499.39	5.06	582.66	1369.98	605.62	74.88	1814.75	162.3370	173.9706	54.8442	5.5882	11.4302	442.3498	3.1479

08:54:33	499.39	5.06	582.66	1267.40	538.46	74.64	1814.75	189.8976	203.4748	55.0704	5.6438	11.5368	444.7673	3.1632
08:54:34	499.39	5.05	570.45	1196.58	467.64	74.88	1814.75	199.9341	214.2289	54.7311	5.7024	11.6491	447.1699	3.1784
08:54:35	499.51	5.05	570.45	1118.44	454.21	74.88	1814.75	178.7459	191.4270	54.8442	5.7547	11.7494	449.5591	3.1936
08:54:36	499.51	5.05	570.45	1057.39	461.54	74.88	1783.73	165.3639	177.0956	54.9573	5.8032	11.8422	451.9532	3.2089
08:54:37	499.39	5.03	570.45	943.83	450.55	74.88	1756.27	156.1239	167.1656	54.7311	5.8489	11.9279	454.3301	3.2241
08:54:38	499.39	5.02	570.45	826.62	412.70	74.88	1762.88	145.9281	156.2487	54.6181	5.8916	12.0081	456.7021	3.2392
08:54:39	499.51	5.02	570.94	789.99	378.51	74.88	1789.83	137.9626	147.7198	53.9396	5.9320	12.0839	459.0446	3.2542
08:54:40	499.39	5.01	570.45	924.30	365.08	74.88	1791.87	123.1467	131.8289	52.9218	5.9680	12.1515	461.3358	3.2689
08:54:41	499.39	5.01	570.94	982.91	400.49	75.13	1766.95	107.8530	115.4331	53.0349	5.9996	12.2107	463.6248	3.2836
08:54:42	499.51	5.01	570.45	981.68	410.26	75.13	1804.58	103.0737	110.3179	53.7134	6.0298	12.2674	465.9431	3.2986
08:54:43	499.51	5.01	570.45	1089.13	422.47	75.13	1807.63	120.5978	129.0536	53.9396	6.0651	12.3336	468.2656	3.3136
08:54:44	499.51	5.01	558.73	1162.39	427.35	75.13	1793.90	128.2446	137.2367	53.2611	6.1026	12.4041	470.5590	3.3283
08:54:45	499.39	5.01	559.22	1096.46	421.25	75.13	1783.73	128.0853	137.0662	54.5050	6.1401	12.4744	472.9060	3.3435
08:54:46	499.39	5.03	558.73	1001.22	415.14	74.88	1786.27	142.1046	152.0685	54.5050	6.1817	12.5524	475.2529	3.3586
08:54:47	499.51	5.03	558.24	919.41	415.14	75.13	1795.93	151.6632	162.2973	54.0527	6.2260	12.6339	477.5804	3.3736
08:54:48	499.51	5.05	558.24	947.50	434.68	75.13	1798.98	143.0605	153.0914	53.9396	6.2679	12.7109	479.9029	3.3886
08:54:49	460.07	5.06	558.73	1013.43	471.31	75.13	1792.88	130.6343	139.8444	53.7134	6.3061	12.7812	482.2284	3.4035
08:54:50	460.07	5.06	558.73	1041.51	479.85	75.13	1791.36	119.9605	128.4181	54.1657	6.3413	12.8457	484.5735	3.4186
08:54:51	460.07	5.09	558.73	1025.64	478.63	75.13	1805.09	123.6247	132.3747	54.3919	6.3775	12.9121	486.9375	3.4337
08:54:52	460.07	5.11	558.73	1102.56	498.17	75.13	1838.65	132.2274	141.5981	54.2788	6.4131	12.9833	489.3020	3.4488
08:54:53	460.07	5.11	558.73	1499.39	687.42	75.13	1858.48	135.8915	145.5219	54.2788	6.4498	13.0564	491.6666	3.4639
08:54:54	460.07	5.13	558.73	1626.37	748.47	75.37	1869.15	133.8204	143.3483	54.3919	6.4859	13.1284	494.0470	3.4790
08:54:55	459.95	5.15	578.75	1649.57	733.82	75.13	1859.49	143.8570	154.1472	55.5227	6.5247	13.2059	496.4881	3.4944
08:54:56	459.95	5.16	578.75	1512.82	678.88	75.37	1843.22	195.6328	209.6265	56.0881	6.5775	13.3112	498.9541	3.5100
08:54:57	460.07	5.18	578.75	1240.54	579.98	75.37	1850.34	212.2010	227.4385	56.2012	6.6348	13.4255	501.4345	3.5256
08:54:58	460.07	5.18	578.75	1172.16	542.12	75.61	1861.53	215.2279	230.7303	56.0881	6.6929	13.5456	503.9174	3.5412
08:54:59	400.85	5.21	578.75	1212.45	532.36	75.37	1874.24	197.3852	211.6461	55.6358	6.7462	13.6558	506.3878	3.5566
08:55:00	400.85	5.22	578.75	1322.34	577.53	75.37	1874.24	161.8591	173.5980	55.8620	6.7899	13.7461	508.8776	3.5721
08:55:01	400.73	5.20	579.24	1344.32	560.44	75.37	1857.46	152.9377	164.0296	56.0881	6.8313	13.8315	511.3774	3.5877
08:55:02	400.98	5.20	578.75	1230.77	490.84	75.37	1860.51	158.1949	169.7022	56.6535	6.8685	13.9198	513.9139	3.6034
08:55:03	400.85	5.18	579.24	1137.97	451.77	75.37	1862.54	172.5328	185.1117	56.6535	6.9091	14.0162	516.4561	3.6192
08:55:04	400.85	5.19	579.24	1119.66	435.90	75.37	1865.59	175.4004	188.1495	56.0881	6.9504	14.1142	518.9654	3.6348
08:55:05	400.85	5.19	600.73	1145.30	450.55	75.61	1872.20	160.5846	172.2569	56.0881	6.9882	14.2038	521.4747	3.6503
08:55:06	400.73	5.19	600.73	1185.59	463.98	75.37	1878.31	148.4770	159.2200	56.3143	7.0232	14.2868	523.9828	3.6660
08:55:07	400.85	5.17	600.73	1255.19	467.64	75.37	1876.78	146.0874	156.6816	56.2012	7.0575	14.3684	526.4915	3.6816
08:55:08	400.85	5.15	600.73	1152.63	444.44	75.37	1852.37	149.4329	160.2698	56.6535	7.0927	14.4550	529.0204	3.6973
08:55:09	361.66	5.14	600.73	1064.71	431.01	75.61	1870.68	154.6901	165.9082	56.7666	7.1291	14.5446	531.5543	3.7131
08:55:10	361.66	5.13	600.73	1211.23	504.27	75.37	1876.78	163.7708	175.6022	56.6535	7.1677	14.6395	534.0737	3.7288
08:55:11	361.66	5.13	600.73	1251.53	529.91	75.37	1827.97	150.3887	161.2201	55.9750	7.2030	14.7266	536.5554	3.7444
08:55:12	361.66	5.12	600.73	1097.68	467.64	75.61	1820.85	138.9184	148.8899	56.4273	7.2325	14.8070	539.0514	3.7601
08:55:13	361.66	5.12	600.73	888.89	429.79	75.61	1819.32	158.0356	169.3532	56.7666	7.2661	14.8985	541.5567	3.7758
08:55:14	361.66	5.12	600.73	860.81	407.81	75.37	1824.92	163.2929	174.9869	55.2965	7.3007	14.9931	543.9972	3.7912
08:55:15	361.54	5.10	589.01	885.23	402.93	75.37	1835.59	143.2198	153.4446	55.0704	7.3311	15.0760	546.4203	3.8065
08:55:16	361.66	5.10	589.50	992.67	412.70	75.37	1847.29	115.9778	124.2577	54.9573	7.3557	15.1431	548.8384	3.8218
08:55:17	361.66	5.08	589.01	1087.91	423.69	75.37	1844.75	112.3136	120.3320	55.1835	7.3795	15.2081	551.2664	3.8371
08:55:18	361.66	5.10	589.01	1045.18	428.57	75.37	1824.41	115.4998	123.7265	55.5227	7.4040	15.2737	553.7038	3.8525
08:55:19	337.36	5.10	589.01	963.37	415.14	75.37	1827.46	129.5191	138.7444	55.7489	7.4315	15.3472	556.1511	3.8680
08:55:20	337.24	5.10	589.01	1006.10	415.14	75.37	1870.68	141.9453	152.0164	55.7489	7.4616	15.4277	558.5890	3.8835
08:55:21	337.36	5.10	589.01	1307.69	478.63	75.13	1897.12	136.3693	146.0750	55.1835	7.4905	15.5051	561.0097	3.8988
08:55:22	337.36	5.11	589.01	1643.47	611.72	75.37	1896.10	125.6957	134.6357	55.0704	7.5154	15.5764	563.4253	3.9141
08:55:23	337.36	5.11	589.01	1730.16	722.83	75.37	1902.71	131.2714	140.6079	56.5404	7.5413	15.6509	565.9055	3.9298
08:55:24	337.36	5.13	589.50	1698.41	742.37	75.37	1927.12	170.6211	182.7564	57.2189	7.5751	15.7477	568.4154	3.9457
08:55:25	337.36	5.13	579.24	1814.41	820.51	75.37	1952.04	214.4314	229.7181	57.5582	7.6175	15.8694	570.9460	3.9617
08:55:26	337.24	5.13	578.75	1923.08	907.20	75.37	1927.12	225.7424	241.8355	57.4451	7.6622	15.9975	573.4717	3.9777
08:55:27	337.24	5.13	579.24	1736.26	805.86	75.61	1903.22	221.6003	237.4471	58.1236	7.7061	16.1234	576.0349	3.9938
08:55:28	337.36	5.14	579.24	1340.66	609.28	75.61	1896.10	236.7348	253.6638	58.9151	7.7529	16.2555	578.6331	4.0102
08:55:29	310.38	5.14	579.24	1186.81	514.04	75.37	1905.26	250.9133	268.8563	58.2367	7.8025	16.3955	581.2014	4.0263
08:55:30	310.38	5.14	578.75	1219.78	488.40	75.61	1921.02	226.5389	242.7388	57.4451	7.8474	16.5219	583.7347	4.0423
08:55:31	310.38	5.14	579.24	1335.78	522.59	75.37	1915.93	174.9225	187.4603	57.3320	7.8820	16.6196	586.2688	4.0582
08:55:32	310.38	5.12	579.24	1312.58	504.27	75.37	1887.97	154.8494	165.9403	57.4451	7.9102	16.7060	588.8080	4.0742
08:55:33	310.38	5.12	579.24	1128.20	463.98	75.37	1891.53	159.1508	170.5497	58.0105	7.9392	16.7948	591.3721	4.0903
08:55:34	310.38	5.12	579.24	980.46	411.48	75.37	1898.14	174.2852	186.7682	57.8974	7.9709	16.8921	593.9312	4.1064
08:55:35	310.38	5.10	538.71	1039.07	413.92	75.13	1925.09	171.2584	183.4772	56.8797	8.0021	16.9877	596.4358	4.1222
08:55:36	310.38	5.10	538.71	1388.28	514.04	75.37	1950.00	147.2025	157.7050	56.8797	8.0289	17.0698	598.9404	4.1380
08:55:37	310.38	5.10	539.19	1666.67	641.03	75.37	1947.46	127.9260	137.0532	57.4451	8.0522	17.1412	601.4699	4.1539
08:55:38	310.38	5.06	538.71	1747.25	739.93	75.13	1943.39	135.5729	145.2082	58.2367	8.0769	17.2116	604.0245	4.1701
08:55:39	280.83	5.05	538.22	1673.99	728.94	75.37	1945.42	181.1356	194.0090	58.8020	8.1098	17.3056	606.6038	4.1864

08:55:40	280.83	5.03	538.71	1608.06	678.88	75.37	1951.02	217.4582	232.9132	58.6890	8.1494	17.4185	609.1782	4.2027
08:55:41	280.83	5.03	538.71	1532.36	573.87	75.37	1957.12	227.9727	244.0616	58.6890	8.1909	17.5367	611.7349	4.2190
08:55:42	280.71	5.00	538.71	1573.87	588.52	75.37	1981.02	218.4141	233.7796	58.8020	8.2268	17.6499	614.2906	4.2354
08:55:43	280.71	4.98	538.71	1683.76	686.20	75.37	1960.17	209.8114	224.5137	58.8020	8.2613	17.7587	616.8364	4.2517
08:55:44	280.71	4.97	501.10	1579.97	661.78	75.37	1967.29	199.9341	213.9443	59.1413	8.2942	17.8623	619.3968	4.2681
08:55:45	280.71	4.97	501.10	1509.16	631.26	75.37	1979.49	205.3507	219.6384	59.7067	8.3280	17.9687	621.9637	4.2847
08:55:46	280.83	4.97	501.10	1560.44	628.82	75.37	1983.56	219.6886	234.9254	59.2544	8.3641	18.0826	624.5032	4.3012
08:55:47	280.83	4.99	501.10	1520.15	603.17	75.37	1967.80	206.1472	220.4107	59.3675	8.3980	18.1819	627.0416	4.3177
08:55:48	280.83	4.99	500.61	1373.63	534.80	75.13	1963.22	196.9073	210.5314	59.5936	8.4303	18.2768	629.5896	4.3342
08:55:49	263.13	5.00	501.10	1213.68	454.21	75.13	1966.27	203.5983	217.6854	59.9329	8.4638	18.3749	632.1522	4.3509
08:55:50	263.25	5.01	501.10	1231.99	442.00	75.13	1973.39	198.3410	212.1082	59.3675	8.4964	18.4704	634.6985	4.3674
08:55:51	263.25	5.01	501.10	1328.45	481.07	74.88	1965.26	179.2238	191.6641	59.2544	8.5259	18.5567	637.2400	4.3838
08:55:52	263.37	5.01	501.10	1273.50	493.28	75.13	1923.05	158.3543	169.3754	59.3675	8.5503	18.6331	639.7943	4.4003
08:55:53	263.37	5.03	501.10	971.92	455.43	74.88	1881.36	160.7439	171.9580	59.5936	8.5751	18.7106	642.3644	4.4169
08:55:54	263.37	5.02	536.75	820.51	407.81	74.88	1893.05	173.3294	185.4215	59.2544	8.6018	18.7941	644.9198	4.4333
08:55:55	263.25	5.02	536.75	820.51	384.62	74.88	1909.83	166.1604	177.7524	58.0105	8.6274	18.8742	647.4216	4.4494
08:55:56	263.25	5.02	536.75	965.81	402.93	74.88	1915.42	126.8109	135.6857	56.7666	8.6470	18.9354	649.8773	4.4652
08:55:57	263.25	5.02	536.75	1173.38	452.99	74.88	1887.97	107.0564	114.5310	57.2189	8.6635	18.9907	652.3469	4.4811
08:55:58	263.25	5.02	536.26	1128.20	443.22	74.88	1868.65	107.0564	114.5309	57.5582	8.6800	19.0459	654.8311	4.4971
08:55:59	249.33	5.04	536.75	982.91	411.48	74.88	1857.97	126.0143	134.8125	58.0105	8.6994	19.1110	657.3348	4.5132
08:56:00	249.33	5.04	536.75	982.91	411.48	74.64	1857.97	153.0970	163.7861	56.8797	8.7230	19.1901	659.7897	4.5290
08:56:01	249.33	5.04	536.75	902.32	389.50	74.88	1862.04	147.2025	157.4800	56.4273	8.7457	19.2660	662.2251	4.5447
08:56:02	249.45	5.03	536.75	957.26	418.80	74.88	1874.75	128.2446	137.2446	56.0881	8.7645	19.3323	664.6591	4.5603
08:56:03	249.33	5.04	536.75	1090.35	494.51	75.13	1883.90	128.2446	137.2446	56.0881	8.7832	19.3985	667.0930	4.5758
08:56:04	249.33	5.04	536.75	1246.84	572.65	75.13	1882.88	117.7302	125.9922	56.0881	8.8004	19.4594	669.5270	4.5914
08:56:05	249.33	5.06	574.85	1311.35	605.62	75.13	1888.44	124.8991	133.6367	56.6535	8.8187	19.5239	671.9778	4.6072
08:56:06	249.33	5.06	574.36	1288.94	587.30	75.13	1857.97	142.2639	152.2399	56.8797	8.8394	19.5974	674.4442	4.6230
08:56:07	249.33	5.07	574.36	1101.34	511.60	75.13	1820.85	162.6556	174.0615	56.9928	8.8632	19.6814	676.9155	4.6388
08:56:08	249.33	5.09	575.34	931.62	460.32	75.13	1817.29	171.0990	183.1348	56.9928	8.8882	19.7761	679.3944	4.6546
08:56:09	249.33	5.09	574.85	805.86	415.14	75.37	1828.98	167.9129	179.7244	56.0881	8.9127	19.8689	681.8340	4.6702
08:56:10	241.88	5.11	574.85	921.86	439.56	75.37	1846.78	143.6977	153.8377	54.8442	8.9337	19.9484	684.2269	4.6854
08:56:11	241.88	5.11	574.85	1073.26	478.63	75.61	1838.65	121.5536	130.1646	54.7311	8.9515	20.0157	686.6240	4.7006
08:56:12	241.88	5.12	574.85	1122.10	479.85	75.61	1828.95	105.1447	112.5932	55.2965	8.9669	20.0739	689.0459	4.7160
08:56:13	241.88	5.12	574.85	1085.47	451.77	75.61	1835.59	120.2791	128.8246	55.8620	8.9839	20.1405	691.5000	4.7315
08:56:14	241.88	5.12	574.85	1081.81	407.81	75.61	1843.73	140.0336	149.9826	55.6358	9.0038	20.2180	693.9443	4.7470
08:56:15	241.88	5.11	536.75	1136.75	388.28	75.13	1851.87	146.4060	156.8320	55.1835	9.0246	20.2991	696.3742	4.7623
08:56:16	241.76	5.11	536.26	1158.73	412.70	75.37	1841.70	141.6267	151.7123	55.4096	9.0447	20.3776	698.8140	4.7777
08:56:17	241.76	5.10	536.75	1113.55	434.68	75.37	1830.00	141.1488	151.2004	55.6358	9.0647	20.4557	701.2638	4.7932
08:56:18	241.88	5.06	536.75	1003.66	422.47	75.37	1831.53	148.3177	158.8552	55.8620	9.0857	20.5324	703.7180	4.8087
08:56:19	228.37	5.04	536.26	957.26	405.37	75.37	1836.10	151.1853	161.9265	55.5227	9.1071	20.6105	706.1572	4.8241
08:56:20	228.37	5.01	537.24	946.28	402.93	75.37	1827.46	145.2908	155.5892	55.2965	9.1277	20.6856	708.5810	4.8395
08:56:21	228.37	4.99	536.75	910.87	402.93	75.13	1782.20	130.9529	140.1699	55.1835	9.1463	20.7533	710.9831	4.8548
08:56:22	228.37	4.97	536.75	804.64	379.73	75.13	1761.87	124.8991	133.6449	55.4096	9.1629	20.8177	713.3839	4.8702
08:56:23	228.37	4.92	536.75	663.00	339.44	75.13	1719.66	123.4653	132.0698	55.5227	9.1792	20.8815	715.7783	4.8856
08:56:24	228.37	4.90	536.75	600.73	329.67	75.37	1645.43	118.8454	127.0885	53.8265	9.1950	20.9429	718.0888	4.9005
08:56:25	228.37	4.85	501.10	529.91	299.15	75.37	1556.95	104.9854	112.2324	53.1480	9.2089	20.9971	720.3595	4.9153
08:56:26	228.37	4.85	501.10	490.84	275.95	75.37	1504.58	86.5054	92.4243	51.9041	9.2204	21.0417	722.5578	4.9297
08:56:27	228.37	4.81	500.61	451.77	251.53	75.37	1452.71	78.3806	83.7176	49.5294	9.2307	21.0821	724.6456	4.9435
08:56:28	228.25	4.80	501.10	378.51	216.12	75.37	1342.37	69.1406	73.8027	46.9286	9.2399	21.1153	726.6048	4.9565
08:56:29	215.26	4.76	501.10	318.68	194.14	75.37	1284.41	64.0427	68.3611	45.4585	9.2484	21.1462	728.5027	4.9692
08:56:30	215.14	4.74	501.10	274.73	179.49	75.37	1227.97	58.9447	62.8804	43.8754	9.2561	21.1745	730.3168	4.9813
08:56:31	215.26	4.72	501.10	227.11	157.51	75.13	1183.22	49.3861	52.6754	40.3699	9.2627	21.1982	731.9818	4.9926
08:56:32	215.26	4.69	501.10	210.01	144.08	75.13	1147.12	41.5799	44.3301	38.7867	9.2679	21.2182	733.5712	5.0033
08:56:33	215.26	4.67	501.10	192.92	136.75	75.37	1096.78	35.8448	38.2057	36.9774	9.2724	21.2354	735.0802	5.0136
08:56:34	215.26	4.65	501.10	188.03	131.87	75.13	1052.54	29.6317	31.5720	35.6205	9.2761	21.2496	736.5254	5.0235
08:56:35	215.26	4.62	484.49	178.27	124.54	75.37	984.58	27.4013	29.1835	34.7158	9.2796	21.2628	737.9247	5.0331
08:56:36	215.26	4.62	485.47	167.28	112.33	75.13	939.15	25.1710	26.8012	33.0196	9.2827	21.2749	739.2500	5.0423
08:56:37	215.26	4.60	484.98	145.30	98.90	75.13	842.03	24.5338	26.1159	31.7757	9.2858	21.2866	740.5200	5.0511
08:56:38	215.38	4.60	484.98	130.65	96.46	75.13	781.53	23.2593	24.7490	29.1749	9.2887	21.2974	741.6783	5.0592
08:56:39	206.96	4.58	484.98	119.68	91.58	75.13	735.76	21.8255	23.2234	28.3833	9.2914	21.3075	742.8051	5.0671
08:56:40	206.96	4.58	484.98	108.67	85.47	75.13	714.41	18.9579	20.1680	25.4432	9.2938	21.3163	743.8118	5.0742
08:56:41	206.96	4.58	484.98	105.01	83.03	75.37	753.05	17.0462	18.1342	23.5208	9.2960	21.3243	744.7424	5.0807
08:56:42	206.84	4.58	484.98	103.79	80.59	75.37	750.51	15.6124	16.6035	22.1639	9.2978	21.3315	745.6149	5.0869
08:56:43	206.84	4.58	484.98	102.56	79.37	75.13	660.51	14.1786	15.0787	20.3545	9.2995	21.3381	746.4161	5.0925
08:56:44	206.84	4.58	484.98	102.56	79.37	75.13	660.51	13.7007	14.5704	17.9799	9.3012	21.3444	747.1239	5.0975
08:56:45	206.96	4.58	484.49	100.12	78.14	75.13	744.41	13.5413	14.4010	16.3967	9.3028	21.3507	747.7693	5.1021
08:56:46	206.96	4.58	468.38	97.68	75.70	75.37	725.08	13.3820	14.2316	13.9089	9.3044	21.3569	748.3169	5.1059