0.571	71.7	1	10:13 AM	80.8	6606	21.14	15.99	12.5	8.18	5.68	2.92	1.9	1.53	13 76.2	1.03	51.8	7,927	12.8	2.8	9.6	5.4	4.2	10.4
0.571	71.7	2	10:13 AM	80.8	6584	20.17	15.39	12.06	7.91	5.54	2.89	1.81	1.34	12 76.2	1.03	49.9	8,164	13.3	2.8	9.9	5.4	4.2	10.8
0.571	71.7	3	10:13 AM	80.8	8526	25.83	19.74	15.54	10.38	7.2	3.75	2.54	2.02	16 76.2	1.03	49.4	8,177	13.3	2.9	10.0	5.4	4.2	10.9
0.571	71.7	4	10:13 AM	80.8	8866	26.8	20.44	16.11	10.81	7.49	3.91	2.66	2.06	16 76.2	1.03	49.3	8,181	13.3	2.9	10.0	5.4	4.2	10.9
0.674	71.8	1	10:14 AM	80.7	6639	17.2	13.37	10.16	6.53	4.59	2.58	1.86	1.5	10 76.1	1.03	43.4	9,833	16.6	2.9	10.5	5.7	4.4	12.4
0.674	71.8	2	10:14 AM	80.7	6694	16.61	12.87	9.82	6.38	4.51	2.57	1.88	1.52	10 76.1	1.03	41.9	10,154	17.3	2.9	10.7	5.7	4.4	12.9
0.674	71.8	3	10:14 AM	80.7	8636	21.39	16.55	12.71	8.37	5.96	3.42	2.46	2	13 76.1	1.03	41.8	10,004	17.0	3.0	10.8	5.7	4.4	12.9
0.674	71.8	4	10:14 AM	80.7	8921	22.06	17.06	13.11	8.65	6.16	3.52	2.54	2.06	13 76.1	1.03	41.8	10,006	17.0	3.0	10.8	5.7	4.4	12.9
0.767	71.8	1	10:15 AM	82.5	6617	21.19	15.69	11.59	7.32	5.14	2.81	2.11	1.7	12 77.3	1.02	51.5	8,440	13.8	2.6	9.5	5.4	4.2	10.5
0.767	71.8	2	10:15 AM	82.5	6694	20.47	15.26	11.35	7.23	5.07	2.81	2.14	1.72	12 77.3	1.02	49.5	8,727	14.4	2.7	9.7	5.5	4.3	10.9
0.767	71.8	3	10:15 AM	82.5	8625	26.2	19.67	14.7	9.48	6.74	3.76	2.77	2.24	15 77.3	1.02	49.2	8,583	14.1	2.8	9.8	5.5	4.3	11.0
0.767	71.8	4	10:15 AM	82.5	8910	26.99	20.28	15.19	9.82	6.97	3.89	2.87	2.33	16 77.3	1.02	49.0	8,586	14.1	2.8	9.8	5.5	4.3	11.0
0.861	72.8	1	10:18 AM	82.1	6847	23.76	17.5	13.09	8.47	5.95	3.43	2.42	1.87	13 77.0	1.02	55.1	7,640	12.2	2.6	9.2	5.3	4.1	9.8
0.861	72.8	2	10:18 AM	82.1	6781	22.83	16.86	12.7	8.28	5.85	3.36	2.38	1.85	13 77.0	1.02	53.7	7,763	12.5	2.7	9.4	5.3	4.2	10.1
0.861	72.8	3	10:18 AM	82.1	8647	28.78	21.39	16.21	10.66	7.58	4.39	3.11	2.43	17 77.0	1.02	53.2	7,718	12.4	2.7	9.5	5.3	4.2	10.2
0.861	72.8	4	10:18 AM	82.1	8833	29.36	21.76	16.54	10.73	7.78	4.61	3.19	2.57	17 77.0	1.02	53.1	7,699	12.4	2.7	9.5	5.3	4.2	10.2
0.952	71.5	1	10:19 AM	81.1	6726	20.26	16.19	12.83	8.68	6.13	2.89	1.76	1.41	13 76.4	1.03	49.1	7,785	12.5	3.0	10.2	5.4	4.2	11.0
0.952	71.5	2	10:19 AM	81.1	6770	20.45	16.37	12.96	8.76	6.18	2.92	1.72	1.34	13 76.4	1.03	49.2	7,770	12.5	3.0	10.2	5.4	4.2	11.0
0.952	71.5	3	10:19 AM	81.1	8669	26.48	21.21	16.87	11.49	8.14	3.87	2.38	1.91	17 76.4	1.03	49.7	7,593	12.2	3.0	10.2	5.4	4.2	10.9
0.952	71.5	4	10:19 AM	81.1	8921	27.26	21.88	17.37	11.84	8.41	4.02	2.47	1.96	18 76.4	1.03	49.7	7,571	12.1	3.0	10.2	5.4	4.2	10.9
1.049	71.3	1	10:20 AM	82.3	6639	18.91	15.17	11.96	8.21	5.85	3.06	1.96	1.53	12 77.2	1.02	46.6	8,107	13.2	3.1	10.6	5.5	4.3	11.6
1.049	71.3	2	10:20 AM	82.3	6748	18.42	14.67	11.59	7.97	5.72	3.02	1.96	1.51	12 77.2	1.02	44.9	8,438	13.8	3.1	10.8	5.5	4.3	12.0
1.049	71.3	3	10:20 AM	82.3	8636	23.59	18.82	14.89	10.33	7.42	3.98	2.59	1.99	15 77.2	1.02	45.0	8,355	13.6	3.2	10.9	5.5	4.3	12.0
1.049	71.3	4	10:20 AM	82.3	8965	24.49	19.52	15.46	10.75	7.75	4.16	2.7	2.06	16 77.2	1.02	44.9	8,319	13.6	3.2	10.9	5.5	4.3	12.0
1.142	70.9	1	10:23 AM	82.9	6573	19.78	15.35	11.97	8.17	5.88	3.09	2.07	1.56	12 77.5	1.02	48.6	7,887	12.7	3.0	10.3	5.4	4.2	11.1
1.142	70.9	2	10:23 AM	82.9	6650	19.41	15.05	11.76	8.06	5.82	3.13	2.07	1.59	12 77.5	1.02	47.4	8,083	13.1	3.0	10.5	5.5	4.3	11.4
1.142	70.9	3	10:23 AM	82.9	8504	24.67	19.2	15.06	10.39	7.57	4.07	2.7	2.11	15 77.5	1.02	47.1	8,005	13.0	3.1	10.6	5.4	4.3	11.5
1.142	70.9	4	10:23 AM	82.9	8833	25.52	19.85	15.44	10.7	7.85	4.39	2.68	2.11	16 77.5	1.02	47.0	8,024	13.0	3.1	10.6	5.5	4.3	11.5
1.235	72.2	1	10:24 AM	82.9	6628	16.24	13.4	11.04	8.17	6.2	3.82	2.62	1.97	11 77.5	1.02	40.9	8,034	13.0	3.6	12.2	5.6	4.3	13.2
1.235	72.2	2	10:24 AM	82.9	6672	15.85	13.07	10.78	8.03	6.13	3.81	2.63	2	11 77.5	1.02	39.9	8,197	13.3	3.7	12.4	5.6	4.4	13.6
1.235	72.2	3	10:24 AM	82.9	8592	20.43	16.89	13.97	10.46	8.03	5	3.46	2.6	14 77.5	1.02	39.9	8,078	13.1	3.7	12.4	5.6	4.4	13.5
1.235	72.2	4	10:24 AM	82.9	8910	21.08	17.4	14.35	10.7	8.3	5.26	3.55	2.44	15 77.5	1.01	39.7	8,107	13.2	3.7	12.5	5.6	4.4	13.6
1.329	72.6	1	10:25 AM	83.3	6584	22.17	17.22	13.23	8.72	6.14	3.23	2.2	1.77	13 77.8	1.01	53.4	7,388	11.8	2.8	9.6	5.3	4.2	10.1
1.329	72.6	2	10:25 AM	83.3	6672	21.46	16.65	12.87	8.56	6.07	3.24	2.24	1.79	13 77.8	1.02	51.4	7,628	12.2	2.9	9.9	5.3	4.2	10.5
1.329	72.6	3	10:25 AM	83.3	8559	27.34	21.23	16.47	11.06	7.9	4.28	2.96	2.41	17 77.8	1.01	51.1	7,573	12.1	2.9	10.0	5.3	4.2	10.6
1.329	72.6	4	10:25 AM	83.3	8888	28.37	22.02	17.09	11.51	8.18	4.48	3.09	2.56	18 77.8	1.01	51.0	7,590	12.2	2.9	10.0	5.3	4.2	10.6
1.429	73.3	1	10:26 AM	83.0	6529	17.9	13.98	10.7	7.19	5.19	2.81	1.91	1.39	11 77.6	1.02	45.0	8,804	14.5	3.0	10.6	5.6	4.3	12.0
1.429	73.3	2	10:26 AM	83.0	6562	17.42	13.57	10.44	7.02	5.11	2.71	1.92	1.41	11 77.6	1.02	43.8	9,021	15.0	3.1	10.8	5.6	4.3	12.3
1.429	73.3	3	10:26 AM	83.0	8526	22.31	17.57	13.57	9.07	6.76	3.73	2.43	1.79	14 77.6	1.02	43.2	8,953	14.8	3.1	11.0	5.6	4.4	12.5
1.429	73.3	4	10:26 AM	83.0	8866	23.08	18.19	14.02	9.44	7.04	3.98	2.41	1.97	14 77.6	1.02	43.1	8,958	14.9	3.1	11.0	5.6	4.4	12.5
1.520	73.5	1	10:27 AM	83.6	6650	20.15	16.31	12.99	8.88	6.3	3.15	1.89	1.41	13 78.0	1.01	48.8	7,564	12.1	3.1	10.4	5.4	4.2	11.1
1.520	73.5	2	10:27 AM	83.6	6704	19.42	15.67	12.51	8.59	6.13	3.1	1.89	1.43	13 78.0	1.01	46.9	7,860	12.7	3.2	10.7	5.4	4.3	11.5
1.520	73.5	3	10:27 AM	83.6	8636	25.17	20.3	16.24	11.23	8.04	4.12	2.54	1.91	17 78.0	1.01	47.2	7,746	12.5	3.2	10.7	5.4	4.2	11.4
1.520	73.5	4	10:27 AM	83.6	8932	26.04	21	16.81	11.65	8.36	4.28	2.65	1.99	17 78.0	1.01	47.2	7,716	12.4	3.2	10.7	5.4	4.2	11.4

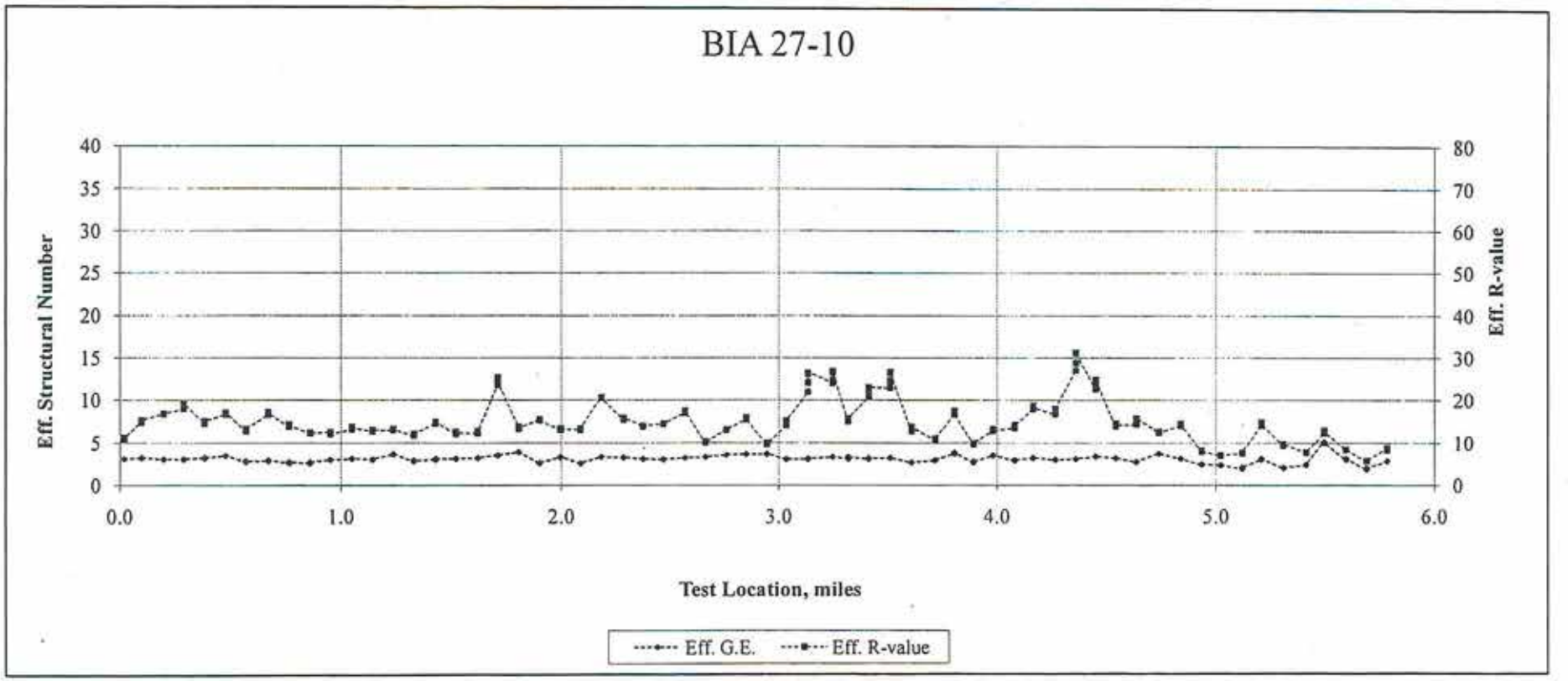
1.619	73.7	1	10:29 AM	83.6	6606	19.5	15.62	12.53	8.61	6.25	3.24	1.96	1.4	12	78.0	1.01	47.7	7,629	12.2	3.2	10.6	5.4	4.2	11.3
1.619	73.7	2	10:29 AM	83.6	6617	18.79	15.01	12.04	8.33	6.06	3.14	1.91	1.35	12	78.0	1.01	46.2	7,895	12.7	3.2	10.8	5.5	4.3	11.7
1.619	73.7	3	10:29 AM	83.6	8559	24.36	19.51	15.73	10.94	7.99	4.17	2.53	1.84	16	78.0	1.01	46.2	7,782	12.5	3.2	10.9	5.4	4.3	11.7
1.619	73.7	4	10:29 AM	83.6	8921	25.4	20.41	16.46	11.46	8.37	4.38	2.67	1.94	17	78.0	1.01	46.2	7,753	12.5	3.2	10.9	5.4	4.3	11.7
1.709	73.8	1	10:30 AM	83.9	6573	10.76	8.69	6.95	4.99	3.7	2.08	1.3	0.87	7	78.2	1.02	29.7	13,063	23.6	3.6	13.4	6.2	4.7	18.2
1.709	73.8	2	10:30 AM	83.9	6672	10.52	8.45	6.75	4.84	3.61	2.04	1.26	0.86	6.9	78.2	1.02	28.9	13,583	24.8	3.6	13.5	6.3	4.8	18.7
1.709	73.8	3	10:30 AM	83.9	8702	13.72	11.02	8.78	6.2	4.59	2.55	1.53	1.01	9	78.2	1.02	28.9	13,845	25.3	3.5	13.4	6.3	4.8	18.7
1.709	73.8	4	10:30 AM	83.9	8965	14.28	11.48	9.16	6.55	4.88	2.77	1.71	1.18	9.3	78.2	1.02	29.1	13,489	24.5	3.6	13.5	6.3	4.8	18.5
1.805	73.2	1	10:31 AM	83.6	6584	14.24	12.02	10.15	7.68	5.94	3.41	2.08	1.44	10	78.0	1.01	36.9	8,426	13.8	3.9	13.2	5.7	4.4	14.7
1.805	73.2	2	10:31 AM	83.6	6584	14.22	11.95	10.14	7.6	5.93	3.41	2.04	1.43	10	78.0	1.01	36.8	8,440	13.8	3.9	13.2	5.7	4.4	14.7
1.805	73.2	3	10:31 AM	83.6	8526	18.62	15.76	13.41	10.1	7.92	4.63	2.73	2.01	13	78.0	1.01	37.1	8,196	13.3	3.9	13.3	5.7	4.4	14.5
1.805	73.2	4	10:31 AM	83.6	8943	19.52	16.5	14.01	10.56	8.3	4.85	2.85	2.07	14	78.0	1.01	37.1	8,203	13.3	3.9	13.3	5.7	4.4	14.6
1.899	72.8	1	10:33 AM	84.9	6430	19.59	16.67	13.98	5.64	4.39	3.02	2.09	1.61	12	78.8	1.01	48.7	9,300	15.5	2.6	9.6	5.6	4.3	11.1
1.899	72.8	2	10:33 AM	84.9	6441	19.81	16.72	14.03	5.7	4.45	3.07	2.08	1.63	12	78.8	1.01	49.1	9,199	15.3	2.6	9.5	5.5	4.3	11.0
1.899	72.8	3	10:33 AM	84.9	8339	25.11	21.4	17.93	7.46	5.87	4.02	2.83	2.19	16	78.8	1.01	48.2	9,178	15.3	2.7	9.7	5.5	4.3	11.2
1.899	72.8	4	10:33 AM	84.9	8778	26.2	22.37	18.77	8.1	6.21	4.24	2.98	2.33	16	78.8	1.01	47.9	9,183	15.3	2.7	9.8	5.6	4.3	11.3
1.995	72.2	1	10:35 AM	86.4	6452	17.91	14.25	11.44	7.94	5.82	3.11	2.06	1.61	12	79.8	1.00	44.7	8,033	13.0	3.3	11.1	5.5	4.3	12.1
1.995	72.2	2	10:35 AM	86.4	6496	17.5	13.93	11.2	7.81	5.74	3.11	2.02	1.58	11	79.8	1.00	43.6	8,221	13.4	3.3	11.3	5.5	4.3	12.4
1.995	72.2	3	10:35 AM	86.4	8438	22.53	17.93	14.41	10.12	7.57	4.09	2.61	2.08	15	79.8	1.00	43.3	8,150	13.2	3.4	11.4	5.5	4.3	12.5
1.995	72.2	4	10:35 AM	86.4	8833	23.45	18.65	15.02	10.54	7.94	4.22	2.68	2.16	15	79.8	1.00	43.1	8,150	13.2	3.4	11.5	5.5	4.3	12.5
2.087	72	1	10:36 AM	84.3	7396	25.16	18.52	13.59	8.69	5.97	3.24	2.04	1.56	13	78.5	1.01	53.7	8,052	13.0	2.6	9.2	5.4	4.2	10.1
2.087	72	2	10:36 AM	84.3	7440	25.19	18.58	13.64	8.7	6.02	3.27	2.05	1.57	13	78.5	1.01	53.5	8,055	13.1	2.6	9.3	5.4	4.2	10.1
2.087	72	3	10:36 AM	84.3	8910	29.46	21.67	15.93	10.17	7.06	3.86	2.44	1.83	15	78.5	1.01	52.4	8,235	13.4	2.6	9.4	5.4	4.2	10.3
2.087	72	4	10:36 AM	84.3	8998	29.59	21.74	16	10.23	7.12	3.91	2.48	1.85	15	78.5	1.01	52.2	8,259	13.5	2.6	9.4	5.4	4.2	10.4
2.182	72.9	1	10:37 AM	85.2	6573	12.91	10.09	7.96	5.51	4.01	2.2	1.39	0.98	8.2	79.0	1.01	34.0	11,723	20.6	3.3	12.3	6.0	4.6	15.9
2.182	72.9	2	10:37 AM	85.2	6573	12.89	10.11	7.97	5.49	4.04	2.22	1.35	0.89	8.2	79.0	1.01	33.9	11,668	20.5	3.4	12.4	6.0	4.6	15.9
2.182	72.9	3	10:37 AM	85.2	8548	16.72	13.15	10.37	7.19	5.21	2.87	1.83	1.33	11	79.0	1.01	33.9	11,746	20.7	3.4	12.4	6.0	4.6	16.0
2.182	72.9	4	10:37 AM	85.2	8877	17.33	13.67	10.81	7.42	5.44	2.99	1.92	1.39	11	79.0	1.01	33.8	11,708	20.6	3.4	12.4	6.0	4.6	16.0
2.283	71.7	1	10:39 AM	85.3	6397	15.87	12.91	10.15	6.95	4.96	2.56	1.59	1.18	10	79.1	1.01	40.9	9,242	15.4	3.3	11.4	5.7	4.4	13.2
2.283	71.7	2	10:39 AM	85.3	6485	15.77	12.72	10.03	6.89	4.93	2.58	1.61	1.16	10	79.1	1.01	40.3	9,426	15.8	3.3	11.5	5.7	4.4	13.4
2.283	71.7	3	10:39 AM	85.3	8482	20.18	16.28	12.87	8.92	6.47	3.46	2.2	1.62	13	79.1	1.01	39.6	9,464	15.9	3.3	11.7	5.7	4.4	13.7
2.283	71.7	4	10:39 AM	85.3	8822	20.96	16.87	13.35	9.27	6.72	3.61	2.29	1.7	14	79.1	1.01	39.5	9,477	15.9	3.3	11.7	5.7	4.4	13.7
2.373	71.7	1	10:41 AM	86.3	6540	18.43	14.55	11.43	7.64	5.39	2.75	1.72	1.3	12	79.8	1.00	45.3	8,515	14.0	3.1	10.7	5.5	4.3	11.9
2.373	71.7	2	10:41 AM	86.3	6573	18.51	14.61	11.52	7.7	5.45	2.76	1.72	1.31	12	79.8	1.00	45.3	8,483	13.9	3.1	10.7	5.5	4.3	11.9
2.373	71.7	3	10:41 AM	86.3	8504	23.76	18.75	14.82	9.96	7.17	3.63	2.24	1.7	15	79.8	1.00	45.0	8,408	13.8	3.1	10.8	5.5	4.3	12.0
2.373	71.7	4	10:41 AM	86.3	8844	24.56	19.46	15.33	10.41	7.35	3.81	2.42	1.91	16	79.8	1.00	44.8	8,508	13.9	3.1	10.8	5.5	4.3	12.1
2.466	71.7	1	10:42 AM	86.8	6573	18.54	14.26	11.06	7.3	5.16	2.71	1.76	1.36	11	80.1	1.00	45.2	8,791	14.5	3.0	10.6	5.6	4.3	11.9
2.466	71.7	2	10:42 AM	86.8	6617	18.61	14.31	11.09	7.32	5.19	2.75	1.78	1.35	11	80.1	1.00	45.1	8,805	14.5	3.0	10.6	5.6	4.3	12.0
2.466	71.7	3	10:42 AM	86.8	8581	23.8	18.38	14.26	9.53	6.83	3.65	2.37	1.76	15	80.1	1.00	44.6	8,762	14.5	3.1	10.7	5.6	4.3	12.1
2.466	71.7	4	10:42 AM	86.8	8921	24.66	19	14.72	9.86	7.13	3.86	2.48	1.7	15	80.1	1.00	44.5	8,748	14.4	3.1	10.8	5.6	4.3	12.1
2.565	72.1	1	10:43 AM	86.5	6672	15.66	12.31	9.71	6.59	4.7	2.39	1.35	0.96	11	79.9	1.00	38.9	10,046	17.1	3.2	11.6	5.8	4.5	13.9
2.565	72.1	2	10:43 AM	86.5	6672	15.62	12.3	9.69	6.59	4.71	2.41	1.36	0.94	11	79.9	1.00	38.8	10,039	17.1	3.2	11.6	5.8	4.5	13.9
2.565	72.1	3	10:43 AM	86.5	8658	19.88	15.63	12.33	8.41	6.01	3.09	1.8	1.21	14	79.9	1.00	38.2	10,218	17.4	3.3	11.7	5.8	4.5	14.1
2.565	72.1	4	10:43 AM	86.5	8987	20.53	16.14	12.7	8.69	6.22	3.2	1.83	1.27	14	79.9	1.00	38.1	10,255	17.5	3.3	11.7	5.8	4.5	14.2

2.659	72.4	1	10:44 AM	86.5	6364	20.72	16.96	13.8	9.78	7.28	4.18	2.9	2.23	14	79.9	1.00	51.2	6,462	10.0	3.3	10.6	5.2	4.1	10.6
2.659	72.4	2	10:44 AM	86.5	6463	20.35	16.57	13.51	9.61	7.2	4.18	2.89	2.23	14	79.9	1.00	49.7	6,645	10.4	3.4	10.8	5.2	4.2	10.9
2.659	72.4	3	10:44 AM	86.5	8394	26.57	21.77	17.79	12.72	9.53	5.54	3.86	2.97	18	79.9	1.00	50.0	6,540	10.2	3.4	10.8	5.2	4.1	10.8
2.659	72.4	4	10:44 AM	86.5	8822	27.99	22.83	18.67	13.36	10.03	5.85	4.07	3.16	19	79.9	1.00	50.1	6,530	10.1	3.4	10.8	5.2	4.1	10.8
2.757	72.5	1	10:46 AM	87.6	6584	16.69	13.65	11.2	8.01	6.04	3.44	2.2	1.7	11	80.6	1.00	41.2	8,109	13.2	3.6	12.0	5.6	4.3	13.1
2.757	72.5	2	10:46 AM	87.6	6573	16.65	13.65	11.21	8.04	6.06	3.45	2.22	1.7	11	80.6	1.00	41.2	8,079	13.1	3.6	12.0	5.6	4.3	13.1
2.757	72.5	3	10:46 AM	87.6	8537	21.5	17.69	14.55	10.47	7.9	4.56	2.93	2.25	15	80.6	1.00	41.0	8,064	13.1	3.6	12.1	5.6	4.3	13.2
2.757	72.5	4	10:46 AM	87.6	8866	22.38	18.33	15.09	10.87	8.22	4.76	3.07	2.43	15	80.6	1.00	41.1	8,049	13.0	3.6	12.1	5.6	4.3	13.1
2.848	72.4	1	10:47 AM	86.8	6529	14.24	12.15	9.98	7.08	5.24	2.94	2	1.52	10	80.1	1.00	36.6	9,301	15.5	3.7	12.7	5.8	4.5	14.8
2.848	72.4	2	10:47 AM	86.8	6529	14.06	11.72	9.62	6.87	5.12	2.87	2.07	1.54	9.8	80.1	1.00	36.2	9,499	15.9	3.7	12.7	5.8	4.5	14.9
2.848	72.4	3	10:47 AM	86.8	8559	18.72	15.49	12.66	9.16	6.89	4.05	2.61	1.99	13	80.1	1.00	36.7	9,273	15.5	3.7	12.7	5.8	4.5	14.7
2.848	72.4	4	10:47 AM	86.8	8943	19.41	16.11	13.22	9.54	7.2	4.22	2.75	2.09	14	80.1	1.00	36.5	9,286	15.5	3.7	12.8	5.8	4.5	14.8
2.944	72.6	1	10:48 AM	87.4	6584	20.07	16.7	13.88	10.26	7.96	4.85	3.22	2.37	14	80.5	1.00	48.2	6,252	9.6	3.6	11.4	5.2	4.1	11.2
2.944	72.6	2	10:48 AM	87.4	6639	19.35	16.12	13.43	9.96	7.78	4.78	3.2	2.34	14	80.5	1.00	46.4	6,462	10.0	3.7	11.7	5.3	4.2	11.6
2.944	72.6	3	10:48 AM	87.4	8570	25.05	20.93	17.5	13.09	10.28	6.41	4.34	3.19	18	80.5	1.00	46.5	6,328	9.8	3.7	11.8	5.2	4.2	11.6
2.944	72.6	4	10:48 AM	87.4	8866	26.03	21.81	18.21	13.64	10.78	6.73	4.55	3.35	18	80.5	1.00	46.7	6,249	9.6	3.8	11.8	5.2	4.2	11.6
3.033	72.9	1	10:50 AM	88.2	6397	18.34	14.32	11.06	7.31	5.17	2.63	1.63	1.24	11	81.0	0.99	45.5	8,578	14.1	3.0	10.6	5.5	4.3	11.9
3.033	72.9	2	10:50 AM	88.2	6496	17.5	13.77	10.68	7.13	5.06	2.68	1.63	1.22	11	81.0	0.99	43.2	8,976	14.9	3.1	11.0	5.6	4.4	12.5
3.033	72.9	3	10:50 AM	88.2	8318	22.1	17.28	13.37	8.93	6.34	3.28	2.08	1.57	14	81.0	0.99	42.7	9,148	15.2	3.1	11.0	5.6	4.4	12.6
3.033	72.9	4	10:50 AM	88.2	8888	23.59	18.42	14.27	9.51	6.79	3.55	2.23	1.65	15	81.0	0.99	42.7	9,138	15.2	3.1	11.0	5.6	4.4	12.6
3.134	74.1	1	10:51 AM	88.5	6408	13.58	10.52	8.17	5.28	3.49	1.5	0.76	0.52	8.2	81.2	0.99	35.4	12,311	21.9	3.1	11.6	6.0	4.6	15.3
3.134	74.1	2	10:51 AM	88.5	6430	12.51	9.81	7.63	4.94	3.27	1.42	0.75	0.53	7.7	81.2	0.99	33.0	13,268	24.0	3.1	12.0	6.2	4.7	16.3
3.134	74.1	3	10:51 AM	88.5	8427	15.24	11.97	9.31	6.06	4.04	1.76	0.91	0.63	9.4	81.2	0.99	31.2	14,148	26.0	3.2	12.3	6.3	4.8	17.3
3.134	74.1	4	10:51 AM	88.5	9009	16.11	12.58	9.79	6.38	4.25	1.87	0.98	0.69	9.9	81.2	0.99	30.9	14,351	26.5	3.2	12.3	6.3	4.8	17.5
3.246	73.6	1	10:52 AM	88.8	6518	11.87	9.4	7.39	4.89	3.44	1.72	1.04	0.75	7.5	81.4	0.99	31.3	13,258	24.0	3.3	12.6	6.2	4.7	17.2
3.246	73.6	2	10:52 AM	88.8	6496	11.54	9.12	7.19	4.78	3.37	1.71	1.04	0.75	7.3	81.4	0.99	30.8	13,522	24.6	3.4	12.7	6.2	4.7	17.6
3.246	73.6	3	10:52 AM	88.8	8592	14.39	11.27	8.9	5.94	4.21	2.14	1.32	0.96	9.1	81.4	0.99	29.4	14,325	26.4	3.4	13.0	6.3	4.8	18.4
3.246	73.6	4	10:52 AM	88.8	9009	14.78	11.66	9.21	6.16	4.36	2.23	1.37	1	9.4	81.4	0.99	28.9	14,542	26.9	3.4	13.1	6.3	4.8	18.7
3.318	73.9	1	10:53 AM	89.3	6507	17.52	13.44	10.28	6.87	4.99	2.95	2.06	1.63	11	81.7	0.99	43.0	9,071	15.1	3.1	11.0	5.6	4.4	12.6
3.318	73.9	2	10:53 AM	89.3	6562	16.71	12.89	9.92	6.69	4.9	2.92	2.05	1.63	10	81.7	0.99	41.1	9,407	15.8	3.2	11.3	5.7	4.4	13.2
3.318	73.9	3	10:53 AM	89.3	8427	20.84	16.24	12.64	8.67	6.46	3.86	2.76	2.15	13	81.7	0.99	40.1	9,325	15.6	3.3	11.6	5.7	4.4	13.5
3.318	73.9	4	10:53 AM	89.3	8987	21.96	17.2	13.4	9.24	6.88	4.16	2.93	2.31	14	81.7	0.99	39.7	9,367	15.7	3.3	11.7	5.7	4.4	13.6
3.411	72.7	1	10:54 AM	88.2	6298	13.61	10.48	8.09	5.2	3.63	1.87	1.23	0.93	8.1	81.0	0.99	36.0	11,795	20.8	3.1	11.6	6.0	4.6	15.0
3.411	72.7	2	10:54 AM	88.2	6496	13.35	10.28	7.95	5.17	3.66	1.92	1.18	0.89	8.1	81.0	0.99	34.6	12,185	21.6	3.2	11.9	6.0	4.6	15.6
3.411	72.7	3	10:54 AM	88.2	8449	16.57	12.78	9.91	6.47	4.58	2.44	1.48	1.07	10	81.0	0.99	33.3	12,701	22.8	3.2	12.1	6.1	4.7	16.2
3.411	72.7	4	10:54 AM	88.2	8899	17.18	13.32	10.33	6.77	4.79	2.6	1.53	1.12	10	81.0	0.99	32.9	12,830	23.1	3.2	12.2	6.1	4.7	16.4
3.510	73	1	10:55 AM	89.4	6507	12.85	10.1	7.87	5.06	3.48	1.56	0.86	0.61	7.8	81.8	0.98	33.2	12,780	23.0	3.2	12.1	6.1	4.7	16.2
3.510	73	2	10:55 AM	89.4	6518	12.17	9.56	7.46	4.81	3.31	1.48	0.83	0.61	7.6	81.8	0.98	31.8	13,480	24.5	3.2	12.3	6.2	4.7	17.0
3.510	73	3	10:55 AM	89.4	8427	14.82	11.61	9.09	5.9	4.06	1.84	1.03	0.76	9.2	81.8	0.98	30.4	14,246	26.3	3.3	12.6	6.3	4.8	17.8
3.510	73	4	10:55 AM	89.4	9020	15.59	12.22	9.57	6.23	4.3	1.95	1.1	0.82	9.7	81.8	0.98	30.0	14,431	26.7	3.3	12.7	6.3	4.8	18.0
3.609	72.7	1	10:57 AM	88.6	6353	21.96	16.75	12.61	7.92	5.24	2.3	1.37	1.08	13	81.3	0.99	53.3	7,898	12.7	2.7	9.4	5.3	4.2	10.1
3.609	72.7	2	10:57 AM	88.6	6430	20.94	15.95	12.06	7.67	5.07	2.26	1.36	1.07	12	81.3	0.99	50.6	8,310	13.6	2.7	9.7	5.4	4.2	10.7
3.609	72.7	3	10:57 AM	88.6	8339	26.9	20.46	15.44	9.76	6.52	2.89	1.74	1.39	16	81.3	0.99	50.2	8,384	13.7	2.7	9.7	5.4	4.2	10.8
3.609	72.7	4	10:57 AM	88.6	8877	28.5	21.73	16.42	10.43	6.93	3.09	1.86	1.51	17	81.3	0.99	50.0	8,407	13.7	2.7	9.7	5.4	4.2	10.8

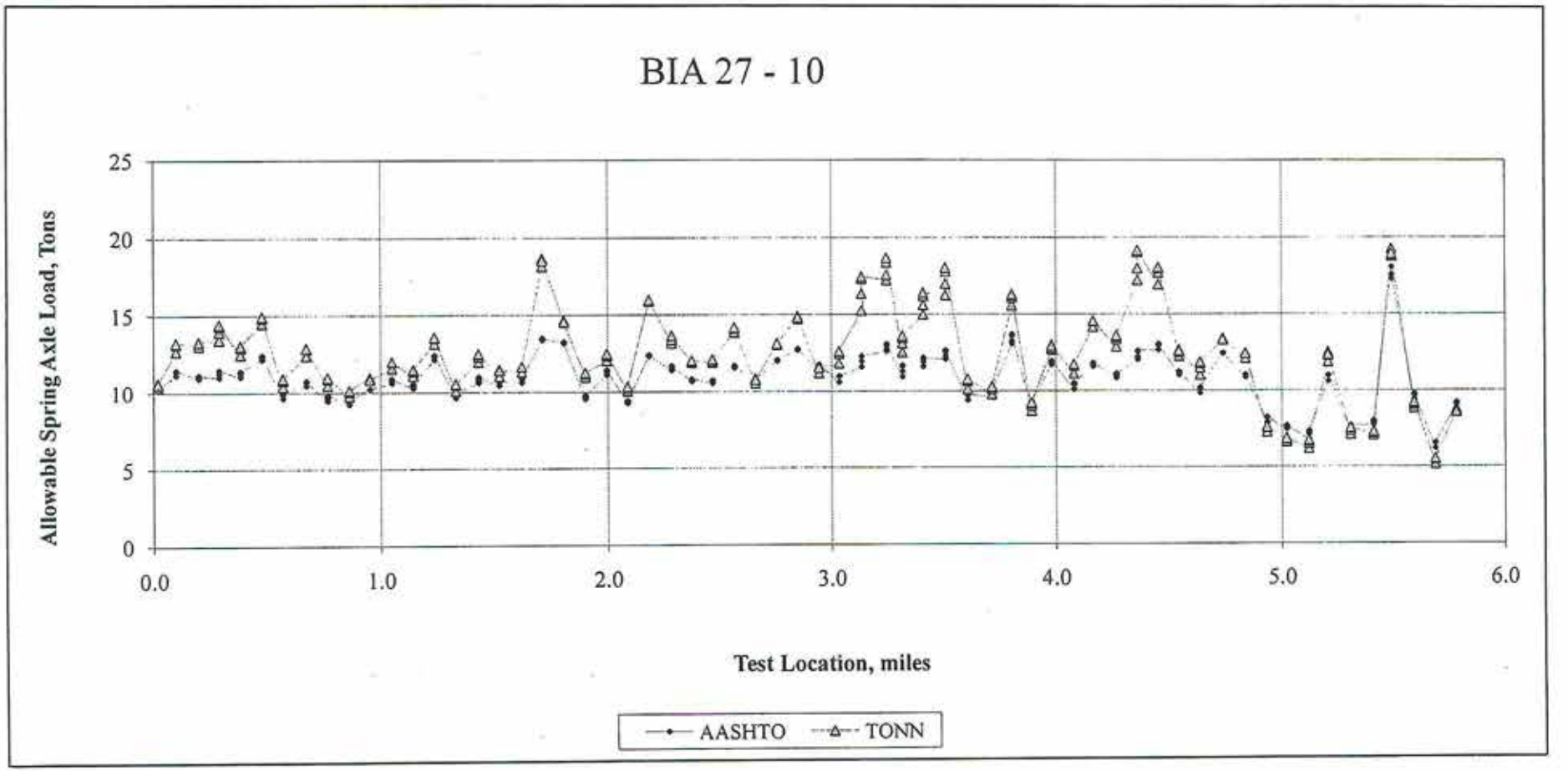
3.716	74	1	10:58 AM	89.1	6255	22.56	17.82	14.02	9.33	6.42	3.14	2.12	1.63	14	81.6	0.99	55.3	6,775	10.6	2.9	9.6	5.2	4.1	9.8
3.716	74	2	10:58 AM	89.1	6419	22.2	17.34	13.7	9.16	6.35	3.19	2.22	1.69	13	81.6	0.99	53.3	7,042	11.1	3.0	9.8	5.2	4.1	10.1
3.716	74	3	10:58 AM	89.1	8252	28.09	22.28	17.68	11.96	8.28	4.22	2.77	2.06	17	81.6	0.99	52.6	7,012	11.0	3.0	10.0	5.2	4.1	10.3
3.716	74	4	10:58 AM	89.1	8844	29.99	23.82	18.96	12.88	8.91	4.56	3	2.27	19	81.6	0.99	52.4	7,002	11.0	3.0	10.0	5.2	4.1	10.3
3.805	73	1	10:59 AM	89.3	6485	13.41	10.83	8.73	6.3	4.9	3.02	1.97	1.37	8.8	81.8	0.99	34.7	9,866	16.7	3.7	13.1	5.9	4.5	15.6
3.805	73	2	10:59 AM	89.3	6573	13.07	10.44	8.42	6.12	4.77	2.96	1.95	1.36	8.6	81.8	0.99	33.6	10,269	17.5	3.7	13.3	5.9	4.6	16.1
3.805	73	3	10:59 AM	89.3	8570	16.84	13.74	11.17	8.22	6.48	4.08	2.73	1.92	11	81.8	0.99	33.3	9,952	16.9	3.9	13.6	5.9	4.6	16.2
3.805	73	4	10:59 AM	89.3	8921	17.43	14.3	11.65	8.6	6.8	4.31	2.87	2.03	12	81.8	0.99	33.2	9,894	16.8	3.9	13.7	5.9	4.6	16.3
3.892	73.4	1	11:00 AM	89.0	6408	26.47	19.69	14.92	9.68	6.93	3.76	2.44	1.84	15	81.6	0.99	62.4	6,243	9.6	2.7	8.8	5.0	4.0	8.7
3.892	73.4	2	11:00 AM	89.0	6452	25.52	19.08	14.53	9.54	6.83	3.87	2.53	1.76	15	81.6	0.99	60.0	6,429	10.0	2.7	9.1	5.1	4.0	9.0
3.892	73.4	3	11:00 AM	89.0	8328	32.28	24.17	18.54	12.32	8.94	5.01	3.31	2.45	19	81.6	0.99	59.0	6,418	9.9	2.8	9.2	5.1	4.0	9.2
3.892	73.4	4	11:00 AM	89.0	8844	33.98	25.5	19.62	13	9.51	5.33	3.47	2.81	20	81.6	0.99	58.5	6,431	10.0	2.8	9.3	5.1	4.0	9.2
3.981	73	1	11:02 AM	89.5	6353	16.85	13.74	11.08	7.86	5.87	3.42	2.24	1.6	11	81.9	0.99	42.5	7,984	12.9	3.5	11.7	5.5	4.3	12.7
3.981	73	2	11:02 AM	89.5	6518	16.82	13.65	11.04	7.89	5.91	3.49	2.29	1.63	11	81.9	0.99	41.5	8,152	13.2	3.5	11.9	5.6	4.3	13.0
3.981	73	3	11:02 AM	89.5	8462	22.24	17.83	14.5	10.44	7.88	4.68	3.1	2.22	15	81.9	0.99	42.1	7,971	12.9	3.5	11.8	5.5	4.3	12.8
3.981	73	4	11:02 AM	89.5	8800	22.8	18.59	15.1	10.9	8.23	4.91	3.24	2.32	16	81.9	0.99	41.7	7,951	12.9	3.6	12.0	5.5	4.3	13.0
4.080	74	1	11:03 AM	90.5	6540	20.44	15.76	11.85	7.68	5.31	2.71	1.6	1.07	12	82.5	0.98	48.5	8,291	13.5	2.9	10.1	5.5	4.3	11.1
4.080	74	2	11:03 AM	90.5	6661	19.73	15.22	11.52	7.53	5.23	2.7	1.59	1.09	12	82.5	0.98	46.3	8,637	14.2	3.0	10.4	5.5	4.3	11.7
4.080	74	3	11:03 AM	90.5	8581	25.17	19.56	14.88	9.78	6.81	3.5	2.06	1.37	15	82.5	0.98	45.9	8,610	14.2	3.0	10.5	5.5	4.3	11.8
4.080	74	4	11:03 AM	90.5	8954	26.28	20.39	15.54	10.24	7.16	3.67	2.17	1.45	16	82.5	0.98	45.9	8,566	14.1	3.0	10.5	5.5	4.3	11.8
4.165	73.8	1	11:04 AM	91.2	6606	15.6	11.91	9.13	6.12	4.37	2.31	1.5	1.09	9.4	83.0	0.98	38.1	10,456	17.9	3.2	11.6	5.8	4.5	14.2
4.165	73.8	2	11:04 AM	91.2	6683	15.26	11.53	8.88	5.97	4.27	2.29	1.44	1.06	9.3	83.0	0.98	37.1	10,821	18.7	3.2	11.7	5.9	4.5	14.6
4.165	73.8	3	11:04 AM	91.2	8702	19.91	15.24	11.82	7.94	5.67	3.01	1.95	1.43	12	83.0	0.98	37.1	10,675	18.4	3.3	11.8	5.9	4.5	14.5
4.165	73.8	4	11:04 AM	91.2	8987	20.53	15.78	12.24	8.26	5.91	3.15	2.02	1.49	13	83.0	0.98	37.1	10,616	18.3	3.3	11.8	5.9	4.5	14.6
4.267	75	1	11:05 AM	91.4	6496	17.2	13.5	10.12	6.44	4.41	2.16	1.35	1.01	10	83.1	0.97	41.8	9,867	16.7	3.0	10.9	5.7	4.4	12.9
4.267	75	2	11:05 AM	91.4	6551	16.63	12.81	9.64	6.19	4.26	2.07	1.34	1	9.8	83.1	0.97	40.4	10,297	17.6	3.0	11.0	5.8	4.5	13.4
4.267	75	3	11:05 AM	91.4	8482	21.28	16.33	12.26	7.88	5.43	2.69	1.72	1.29	12	83.1	0.97	40.0	10,445	17.9	3.0	11.1	5.8	4.5	13.5
4.267	75	4	11:05 AM	91.4	8943	22.21	17.11	12.88	8.29	5.71	2.83	1.82	1.37	13	83.1	0.97	39.6	10,502	18.0	3.1	11.1	5.8	4.5	13.6
4.361	74.2	1	11:06 AM	91.0	6562	12.24	9.35	7.23	4.54	2.94	1.18	0.61	0.42	7.2	82.9	0.97	31.3	14,577	27.0	3.1	12.1	6.3	4.8	17.2
4.361	74.2	2	11:06 AM	91.0	6551	11.57	8.76	6.8	4.26	2.78	1.13	0.57	0.38	6.9	82.9	0.97	30.0	15,392	28.9	3.1	12.3	6.3	4.8	18.0
4.361	74.2	3	11:06 AM	91.0	8647	14.2	10.82	8.41	5.31	3.48	1.44	0.78	0.57	8.5	82.9	0.97	28.4	16,357	31.2	3.2	12.6	6.4	4.9	19.0
4.361	74.2	4	11:06 AM	91.0	8921	14.51	11.13	8.65	5.51	3.59	1.5	0.83	0.6	8.8	82.9	0.97	28.2	16,420	31.3	3.2	12.6	6.4	4.9	19.2
4.452	73.1	1	11:07 AM	90.9	6529	12.38	9.74	7.67	5.19	3.63	1.72	0.94	0.61	7.9	82.8	0.97	31.9	12,634	22.6	3.4	12.7	6.1	4.7	16.9
4.452	73.1	2	11:07 AM	90.9	6628	11.86	9.4	7.41	5.04	3.54	1.71	0.95	0.63	7.8	82.8	0.97	30.5	13,227	24.0	3.4	13.0	6.2	4.7	17.7
4.452	73.1	3	11:07 AM	90.9	8702	15.26	11.94	9.41	6.39	4.51	2.18	1.2	0.79	9.8	82.8	0.97	30.0	13,587	24.8	3.4	13.0	6.3	4.8	18.0
4.452	73.1	4	11:07 AM	90.9	9009	15.73	12.3	9.68	6.6	4.67	2.26	1.22	0.8	10	82.8	0.97	29.9	13,605	24.8	3.4	13.1	6.3	4.8	18.0
4.543	74	1	11:08 AM	90.7	6496	18.12	14.59	11.51	7.69	5.41	2.74	1.63	1.19	12	82.7	0.98	44.0	8,484	13.9	3.2	11.0	5.6	4.3	12.3
4.543	74	2	11:08 AM	90.7	6529	17.51	13.92	11	7.39	5.22	2.67	1.62	1.17	11	82.7	0.98	42.5	8,833	14.6	3.2	11.2	5.6	4.4	12.7
4.543	74	3	11:08 AM	90.7	8526	23.16	18.23	14.46	9.8	6.98	3.6	2.19	1.6	15	82.7	0.98	43.0	8,656	14.2	3.2	11.2	5.6	4.3	12.6
4.543	74	4	11:08 AM	90.7	8932	24.09	19.01	15.12	10.23	7.33	3.81	2.31	1.71	16	82.7	0.98	42.7	8,661	14.3	3.3	11.3	5.6	4.3	12.6
4.637	73.9	1	11:09 AM	90.3	6452	20.46	15.35	11.67	7.25	4.8	1.92	0.9	0.56	13	82.5	0.98	48.9	8,696	14.3	2.7	9.8	5.5	4.3	11.0
4.637	73.9	2	11:09 AM	90.3	6551	19.75	14.79	11.28	7.05	4.69	1.91	0.9	0.6	12	82.5	0.98	46.8	9,081	15.1	2.8	10.1	5.6	4.3	11.5
4.637	73.9	3	11:09 AM	90.3	8493	24.94	18.65	14.18	8.89	5.93	2.39	1.1	0.7	15	82.5	0.98	45.8	9,316	15.6	2.8	10.2	5.6	4.3	11.8
4.637	73.9	4	11:09 AM	90.3	8910	25.9	19.43	14.78	9.26	6.17	2.5	1.14	0.74	16	82.5	0.98	45.4	9,401	15.7	2.8	10.2	5.6	4.3	11.9

4.738	74.1	1	11:10 AM	89.8	6485	16.25	13.57	11.1	8.16	6.3	3.86	2.56	1.82	10	82.2	0.99	40.5	7,755	12.5	3.8	12.5	5.5	4.3	13.3
4.738	74.1	2	11:10 AM	89.8	6474	16.1	13.22	10.83	8	6.2	3.81	2.54	1.82	10	82.2	0.99	40.2	7,859	12.7	3.7	12.5	5.6	4.3	13.4
4.738	74.1	3	11:10 AM	89.8	8427	21.03	17.29	14.19	10.54	8.17	5.06	3.39	2.44	13	82.2	0.99	40.3	7,774	12.5	3.8	12.5	5.5	4.3	13.4
4.738	74.1	4	11:10 AM	89.8	8943	22.4	18.4	15.12	11.24	8.72	5.39	3.61	2.59	14	82.2	0.99	40.5	7,732	12.4	3.8	12.5	5.5	4.3	13.3
4.838	75.2	1	11:11 AM	90.8	6342	17.98	14.13	11.08	7.33	5.18	2.71	1.98	1.61	11	82.8	0.98	44.5	8,550	14.0	3.1	10.9	5.5	4.3	12.1
4.838	75.2	2	11:11 AM	90.8	6441	17.64	13.8	10.84	7.2	5.13	2.72	2	1.64	11	82.8	0.98	43.2	8,796	14.5	3.2	11.0	5.6	4.3	12.5
4.838	75.2	3	11:11 AM	90.8	8427	23.11	18.1	14.24	9.46	6.71	3.6	2.6	2.1	14	82.8	0.98	43.3	8,793	14.5	3.2	11.0	5.6	4.3	12.5
4.838	75.2	4	11:11 AM	90.8	8965	24.6	19.24	15.15	10.07	7.16	3.85	2.77	2.24	15	82.8	0.98	43.3	8,773	14.5	3.2	11.0	5.6	4.3	12.5
4.934	76.3	1	11:13 AM	94.0	6331	32.31	23.37	17.13	10.93	7.8	4.57	3.26	2.51	17	84.8	0.97	74.2	5,312	7.9	2.4	7.9	4.7	3.9	7.3
4.934	76.3	2	11:13 AM	94.0	6408	31.01	22.51	16.65	10.75	7.73	4.57	3.27	2.54	17	84.8	0.97	70.7	5,494	8.3	2.5	8.2	4.8	3.9	7.6
4.934	76.3	3	11:13 AM	94.0	8339	40.71	29.44	21.89	14.31	10.37	6.21	4.47	3.5	22	84.8	0.98	71.3	5,374	8.1	2.5	8.2	4.8	3.9	7.6
4.934	76.3	4	11:13 AM	94.0	8789	42.69	31.06	23.14	15.19	11.02	6.61	4.76	3.73	24	84.8	0.98	71.0	5,356	8.0	2.6	8.2	4.8	3.9	7.6
5.021	78.4	1	11:14 AM	97.9	6452	37.07	27.85	20.49	12.88	8.8	4.39	2.88	2.11	20	87.3	0.96	81.5	4,766	7.0	2.3	7.5	4.6	3.8	6.6
5.021	78.4	2	11:14 AM	97.9	6441	35.99	26.63	19.71	12.52	8.57	4.28	2.9	2.17	20	87.3	0.96	79.4	4,892	7.2	2.4	7.6	4.6	3.8	6.8
5.021	78.4	3	11:14 AM	97.9	8350	46.02	34.63	25.67	16.39	11.26	5.6	3.9	3.22	25	87.3	0.96	78.4	4,879	7.2	2.4	7.7	4.6	3.8	6.9
5.021	78.4	4	11:14 AM	97.9	8789	48.53	36.65	27.12	17.37	11.96	5.98	4.17	3.36	27	87.3	0.96	78.6	4,849	7.1	2.4	7.7	4.6	3.8	6.9
5.119	77.5	1	11:15 AM	96.4	6277	38.79	24.94	17.73	10.48	7.23	4.1	2.86	2.17	20	86.3	0.96	87.5	5,085	7.5	1.9	6.8	4.6	3.7	6.2
5.119	77.5	2	11:15 AM	96.4	6353	37.02	24.8	17.82	10.72	7.46	4.26	2.96	2.27	19	86.3	0.97	82.9	5,166	7.7	2.1	7.1	4.6	3.8	6.5
5.119	77.5	3	11:15 AM	96.4	8263	46.8	32.05	23.04	13.96	9.75	5.59	3.87	2.93	24	86.3	0.97	80.8	5,216	7.8	2.1	7.3	4.7	3.8	6.7
5.119	77.5	4	11:15 AM	96.4	8789	49.43	33.72	24.37	14.87	10.41	5.97	4.03	3.15	26	86.3	0.97	80.3	5,221	7.8	2.2	7.3	4.7	3.8	6.7
5.206	78	1	11:16 AM	91.3	6562	19.1	14.17	10.7	7.11	5.23	3.07	2.04	1.44	11	83.2	0.98	45.5	8,610	14.2	3.0	10.6	5.5	4.3	11.9
5.206	78	2	11:16 AM	91.3	6606	18.02	13.68	10.36	6.92	5.11	3.02	2	1.41	11	83.2	0.98	43.0	8,979	14.9	3.1	11.0	5.6	4.4	12.5
5.206	78	3	11:16 AM	91.3	8515	23.74	17.91	13.65	9.24	6.85	4.07	2.7	1.92	14	83.2	0.98	43.9	8,685	14.3	3.2	11.0	5.6	4.3	12.3
5.206	78	4	11:16 AM	91.3	8965	24.87	18.86	14.41	9.78	7.24	4.31	2.87	2.03	15	83.2	0.98	43.7	8,677	14.3	3.2	11.0	5.6	4.3	12.4
5.306	75.8	1	11:17 AM	89.2	6288	32.44	22.46	15.03	8.79	6.08	3.53	2.4	1.33	15	81.9	0.99	76.0	6,072	9.3	2.0	7.3	4.9	3.9	7.1
5.306	75.8	2	11:17 AM	89.2	6364	31.46	21.75	14.67	8.65	6.02	3.51	2.39	1.41	15	81.9	0.99	73.1	6,266	9.7	2.1	7.5	4.9	3.9	7.4
5.306	75.8	3	11:17 AM	89.2	8326	40.26	28.13	19.04	11.35	7.93	4.65	3.11	1.82	20	81.9	0.99	71.6	6,307	9.7	2.1	7.7	4.9	3.9	7.5
5.306	75.8	4	11:17 AM	89.2	8778	42.34	29.8	20.12	12.05	8.42	4.93	3.31	1.96	21	81.9	0.99	71.5	6,287	9.7	2.1	7.7	4.9	3.9	7.6
5.409	75.5	1	11:18 AM	93.0	6375	33.59	24.67	18.33	11.57	8.06	4.37	2.93	2.24	19	84.3	0.98	76.5	5,164	7.7	2.4	7.7	4.7	3.8	7.1
5.409	75.5	2	11:18 AM	93.0	6342	32.55	23.52	17.68	11.3	7.89	4.28	2.98	2.22	18	84.3	0.98	74.7	5,269	7.9	2.4	7.8	4.7	3.8	7.2
5.409	75.5	3	11:18 AM	93.0	8339	42.54	30.95	23.42	15.09	10.56	5.75	3.89	2.99	24	84.3	0.98	74.3	5,225	7.8	2.4	7.9	4.7	3.8	7.3
5.409	75.5	4	11:18 AM	93.0	8800	44.53	32.63	24.76	15.99	11.22	6.12	4.2	3.22	26	84.3	0.98	73.8	5,219	7.8	2.5	8.0	4.7	3.8	7.3
5.491	75.1	1	11:19 AM	92.0	6880	10.94	9.94	8.98	7.53	6.48	4.54	3.22	2.38	9.3	83.6	0.98	28.1	7,673	12.3	5.2	18.0	5.8	4.6	19.2
5.491	75.1	2	11:19 AM	92.0	6935	11.41	9.8	8.86	7.42	6.38	4.48	3.19	2.38	9.2	83.6	0.98	28.8	8,017	13.0	5.0	17.3	5.8	4.6	18.8
5.491	75.1	3	11:19 AM	92.0	8965	14.65	12.67	11.62	9.76	8.37	5.9	4.17	3.14	12	83.6	0.98	28.6	7,845	12.6	5.0	17.5	5.8	4.6	18.9
5.491	75.1	4	11:19 AM	92.0	8921	14.51	12.8	11.54	9.7	8.32	5.84	4.14	3.01	12	83.6	0.98	28.5	7,844	12.6	5.1	17.6	5.8	4.6	18.9
5.591	76	1	11:20 AM	94.5	6540	26.97	19.14	15.46	11.08	8.43	5.31	3.67	2.87	17	85.2	0.98	61.3	5,559	8.4	3.0	9.4	4.9	4.0	8.8
5.591	76	2	11:20 AM	94.5	6463	25.91	18.71	15.17	10.96	8.39	5.35	3.73	2.88	17	85.2	0.98	59.8	5,576	8.4	3.1	9.6	4.9	4.0	9.0
5.591	76	3	11:20 AM	94.5	8394	33.13	24.11	19.65	14.27	10.97	6.99	4.9	3.85	21	85.2	0.98	59.0	5,573	8.4	3.2	9.7	4.9	4.0	9.2
5.591	76	4	11:20 AM	94.5	8855	34.67	25.26	20.64	14.96	11.56	7.35	5.15	3.94	22	85.2	0.98	58.6	5,589	8.4	3.2	9.8	5.0	4.0	9.2
5.685	75.1	1	11:21 AM	97.2	6156	45.96	32.97	23.3	13.79	9.45	5.01	3.59	2.8	23	86.9	0.97	104.5	3,987	5.7	1.8	6.2	4.3	3.6	5.2
5.685	75.1	2	11:21 AM	97.2	6233	43.67	31.77	22.69	13.68	9.49	5.08	3.64	2.92	23	86.9	0.97	98.5	4,116	5.9	2.0	6.5	4.3	3.6	5.5
5.685	75.1	3	11:21 AM	97.2	8021	55.7	40.84	29.11	17.66	12.32	6.72	4.89	3.8	30	86.9	0.97	97.8	4,111	5.9	2.0	6.5	4.3	3.6	5.5
5.685	75.1	4	11:21 AM	97.2	8647	59.99	43.83	31.31	19.2	13.4	7.22	5.4	4.03	32	86.9	0.97	97.7	4,091	5.9	2.0	6.5	4.3	3.6	5.5

5.780	77.2	1	11:22 AM	96.1	6792	29.15	20.07	15.22	10.76	8.15	4.75	3.28	2.49	17	86.2	0.97	63.0	5,761	8.7	2.8	9.0	4.9	4.0	8.6
5.780	77.2	2	11:22 AM	96.1	6694	28	19.6	14.95	10.61	8.02	4.72	3.27	2.55	17	86.2	0.97	61.6	5,817	8.8	2.9	9.2	5.0	4.0	8.8
5.780	77.2	3	11:22 AM	96.1	8318	35.48	25.39	19.42	13.88	10.46	6.17	4.14	3.33	21	86.2	0.97	62.7	5,595	8.4	2.9	9.1	4.9	4.0	8.6
5.780	77.2	4	11:22 AM	96.1	8636	37.17	26.71	20.39	14.69	10.96	6.57	4.43	3.52	23	86.2	0.97	63.3	5,545	8.4	2.9	9.1	4.9	4.0	8.5


BIA 27-10
Eff. Structural Number
Eff. R-value
Test Location, miles
Eff. G.E.
Eff. R-value
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
0.0
1.0
2.0
3.0
4.0
5.0
6.0

BIA 27 - 10


Allowable Spring Axle Load, Tons
25
20
15
10
5
0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
Test Location, miles
AASHTO
TONN

County:	Shannon County SD
Date Tested:	6/20/2008
Julian:	172
Highway	BIA 27-20
From:	5.7 Mi N of US 18
To:	13.1 Mi N of SU 18
Dir	NB
Prev Day Temp	80 °F
Bit. Thickness	4.1 inches
Daily ESALs	30
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	279,714
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.43

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	1500
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.06
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.06
	30.52	21.26	14.92	9.25	6.55	3.81	2.66	2.05
		0.70	0.49	0.30	0.21	0.12	0.09	0.07

1.3

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

	Summary of Analysis Results							
					Axle Load for Design Defl. Tons			
	$_{S}BB_{50}$ mils	Esg psi	Eff. R-val	Eff SN	AASHTO	S.F	Inv. 183	TONN Tons
Avg. =	58.2	7,891	13.0	2.6	9.1	5.1	4.1	10.2
Median =	57.26	7,285	11.6	2.6	8.9	5.0	4.0	9.4
Std.Dev. =	17.01	2,847	5.9	0.5	1.7	0.5	0.3	3.3
85th % =	39.64	5,578	8.4	2.2	7.4	4.6	3.8	7.3

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
5.780	77.2	1	11:22 AM	96.1	6792	29.15	20.07	15.22	10.76	8.15	4.75	3.28	2.49	17	88.0	0.96	62.7	5,761	8.7	2.9	8.8	4.8	3.9	8.6
5.780	77.2	2	11:22 AM	96.1	6694	28	19.6	14.95	10.61	8.02	4.72	3.27	2.55	17	88.0	0.96	61.3	5,817	8.8	2.9	9.0	4.8	3.9	8.8
5.780	77.2	3	11:22 AM	96.1	8318	35.48	25.39	19.42	13.88	10.46	6.17	4.14	3.33	21	88.0	0.96	62.4	5,595	8.4	2.9	8.9	4.7	3.9	8.6
5.780	77.2	4	11:22 AM	96.1	8636	37.17	26.71	20.39	14.69	10.96	6.57	4.43	3.52	23	88.0	0.96	63.0	5,545	8.4	2.9	8.9	4.7	3.9	8.6
5.873	76.9	1	11:24 AM	98.8	6309	30.98	23.46	17.35	11.41	8.15	4.87	3.62	2.91	17	89.8	0.96	70.4	5,236	7.8	2.6	8.1	4.6	3.8	7.7
5.873	76.9	2	11:24 AM	98.8	6331	29.52	22.63	16.8	11.16	8.06	4.87	3.57	2.85	17	89.8	0.96	67.1	5,385	8.1	2.8	8.4	4.6	3.8	8.0
5.873	76.9	3	11:24 AM	98.8	8263	38.46	29.43	21.93	14.62	10.59	6.33	4.62	3.57	22	89.8	0.96	67.0	5,365	8.0	2.8	8.5	4.6	3.8	8.1
5.873	76.9	4	11:24 AM	98.8	8778	40.76	31.28	23.43	15.64	11.3	6.76	4.98	3.81	23	89.8	0.96	66.9	5,354	8.0	2.8	8.5	4.6	3.8	8.1
5.970	76.6	1	11:25 AM	97.1	6847	32.24	20.41	12.31	5.95	3.55	1.62	1.09	0.83	13	88.7	0.92	65.2	8,731	14.4	1.6	7.2	5.1	4.0	8.3
5.970	76.6	2	11:25 AM	97.1	6759	30.96	19.41	11.91	5.83	3.5	1.61	1	0.82	12	88.7	0.92	63.7	8,861	14.7	1.7	7.3	5.1	4.0	8.5
5.970	76.6	3	11:25 AM	97.1	8625	37.11	23.47	14.45	7.13	4.26	1.99	1.51	1.04	15	88.7	0.92	60.1	9,362	15.7	1.8	7.6	5.2	4.1	9.0
5.970	76.6	4	11:25 AM	97.1	8899	38.05	24.07	14.82	7.33	4.4	2.1	1.39	1.09	16	88.7	0.92	59.8	9,387	15.7	1.8	7.6	5.2	4.1	9.0
6.089	76.8	1	11:26 AM	94.9	6452	42.31	29.59	20.39	13.23	9.8	5.77	3.87	2.98	21	87.3	0.97	93.1	4,237	6.1	2.1	6.6	4.2	3.6	5.8
6.089	76.8	2	11:26 AM	94.9	6430	40.41	28.55	19.96	13.02	9.71	5.76	3.89	2.98	21	87.3	0.97	89.5	4,326	6.3	2.2	6.8	4.2	3.6	6.0
6.089	76.8	3	11:26 AM	94.9	7988	51.67	37.19	26.27	17.36	12.91	7.62	5.15	3.99	27	87.3	0.97	92.1	4,104	5.9	2.2	6.7	4.2	3.6	5.9
6.089	76.8	4	11:26 AM	94.9	8449	55.07	39.87	28.23	18.74	13.93	8.23	5.55	4.28	29	87.3	0.97	92.8	4,042	5.8	2.2	6.7	4.2	3.6	5.8
6.175	77.9	1	11:26 AM	99.3	6397	31.74	21.04	13.88	8.69	6.59	4.31	3.12	2.36	14	90.2	0.95	70.5	5,966	9.1	2.3	7.7	4.7	3.8	7.7
6.175	77.9	2	11:26 AM	99.3	6364	30.46	20.28	13.54	8.53	6.54	4.33	3.13	2.39	14	90.2	0.95	68.3	6,068	9.3	2.4	7.9	4.7	3.9	7.9
6.175	77.9	3	11:26 AM	99.3	8010	38.48	26.52	17.95	11.54	8.76	5.9	4.15	3.2	18	90.2	0.95	68.7	5,844	8.9	2.5	8.0	4.7	3.8	7.9
6.175	77.9	4	11:26 AM	99.3	8482	40.81	28.55	19.3	12.5	9.41	6.44	4.46	3.45	20	90.2	0.96	68.9	5,791	8.8	2.5	8.0	4.7	3.8	7.8
6.254	77.5	1	11:27 AM	97.7	6408	40.3	26.75	18.15	11	7.98	5.02	3.61	2.99	19	89.2	0.96	88.5	4,833	7.1	2.0	6.6	4.4	3.6	6.1
6.254	77.5	2	11:27 AM	97.7	6320	37.31	25.19	17.4	10.69	7.87	4.99	3.66	3.07	18	89.2	0.96	83.5	4,970	7.3	2.1	7.0	4.4	3.7	6.5
6.254	77.5	3	11:27 AM	97.7	7999	46.65	32.02	22.57	14.27	10.58	6.67	5.04	4.19	23	89.2	0.96	82.8	4,824	7.1	2.2	7.1	4.4	3.7	6.5
6.254	77.5	4	11:27 AM	97.7	8548	49.22	33.94	24.22	15.44	11.47	7.21	5.48	4.5	25	89.2	0.96	81.8	4,808	7.1	2.3	7.2	4.4	3.7	6.6

6.358	78.5	1	11:28 AM	100.4	6288	34.39	23.65	15.97	8.9	5.76	3.44	2.76	2.3	16	90.9	0.94	76.1	6,063	9.3	2.0	7.1	4.7	3.8	7.1
6.358	78.5	2	11:28 AM	100.4	6320	32.48	22.61	15.45	8.76	5.76	3.48	2.76	2.29	16	90.9	0.94	71.9	6,281	9.7	2.1	7.4	4.7	3.8	7.5
6.358	78.5	3	11:28 AM	100.4	8285	41.12	28.52	19.57	11.3	7.57	4.61	3.69	3.29	20	90.9	0.94	69.7	6,374	9.9	2.2	7.6	4.8	3.9	7.7
6.358	78.5	4	11:28 AM	100.4	8756	42.96	29.57	20.44	11.85	7.97	4.87	3.84	3.28	21	90.9	0.94	69.0	6,421	9.9	2.2	7.7	4.8	3.9	7.8
6.444	79.1	1	11:29 AM	100.2	6255	45.48	33.66	25.05	16.16	11.88	7.27	5.25	3.99	26	90.8	0.97	102.1	3,551	5.0	2.2	6.3	4.0	3.5	5.3
6.444	79.1	2	11:29 AM	100.2	6200	43.1	32.18	24.24	15.87	11.76	7.23	5.2	3.95	25	90.8	0.97	98.0	3,613	5.1	2.3	6.6	4.0	3.5	5.5
6.444	79.1	3	11:29 AM	100.2	8076	56.05	41.89	31.96	21.14	15.71	9.67	6.89	5.24	33	90.8	0.97	97.9	3,557	5.0	2.3	6.5	4.0	3.5	5.5
6.444	79.1	4	11:29 AM	100.2	8581	59.32	44.49	34.05	22.64	16.87	10.4	7.39	5.63	35	90.8	0.97	97.6	3,537	5.0	2.4	6.6	4.0	3.5	5.5
6.530	77.5	1	11:30 AM	99.4	6474	35.01	26.39	19.72	12.32	8.7	5.04	3.56	2.73	19	90.3	0.96	76.7	4,925	7.3	2.5	7.6	4.5	3.7	7.0
6.530	77.5	2	11:30 AM	99.4	6507	33.75	25.44	19.1	12.06	8.6	5	3.54	2.71	19	90.3	0.96	73.8	5,057	7.5	2.6	7.8	4.5	3.8	7.3
6.530	77.5	3	11:30 AM	99.4	8361	43.4	32.83	24.8	15.84	11.3	6.63	4.7	3.65	25	90.3	0.96	73.9	4,985	7.4	2.6	7.9	4.5	3.7	7.3
6.530	77.5	4	11:30 AM	99.4	8800	45.49	34.44	26.04	16.62	11.88	6.97	4.94	3.83	26	90.3	0.96	73.6	4,997	7.4	2.6	7.9	4.5	3.8	7.3
6.626	78.2	1	11:32 AM	99.3	6178	41.54	29.07	20.92	12.92	9.26	5.78	4.22	3.29	21	90.3	0.96	94.3	4,226	6.1	2.1	6.5	4.2	3.6	5.7
6.626	78.2	2	11:32 AM	99.3	6178	39.59	27.88	20.24	12.64	9.1	5.67	4.11	3.2	21	90.3	0.96	90.2	4,356	6.3	2.2	6.7	4.2	3.6	6.0
6.626	78.2	3	11:32 AM	99.3	8043	51.54	36.87	26.82	16.88	12.16	7.61	5.49	4.25	28	90.3	0.96	90.3	4,289	6.2	2.2	6.8	4.2	3.6	6.0
6.626	78.2	4	11:32 AM	99.3	8658	55.25	39.69	28.93	18.23	13.2	8.26	5.87	4.58	30	90.3	0.96	90.0	4,275	6.2	2.2	6.8	4.2	3.6	6.0
6.722	76.7	1	11:33 AM	95.1	6255	30.93	21.15	14.93	9.52	5.93	3.78	2.91	2.29	15	87.5	0.96	71.0	6,257	9.6	2.2	7.5	4.7	3.8	7.6
6.722	76.7	2	11:33 AM	95.1	6200	30.77	21.06	14.82	9.39	5.88	3.73	2.85	2.26	15	87.5	0.96	71.3	6,246	9.6	2.2	7.5	4.7	3.8	7.6
6.722	76.7	3	11:33 AM	95.1	8043	39.81	27.34	19.54	12.63	7.89	5.12	3.8	3.02	20	87.5	0.96	71.2	6,138	9.4	2.2	7.6	4.7	3.8	7.6
6.722	76.7	4	11:33 AM	95.1	8691	43	29.34	21.08	13.65	8.52	5.54	4.15	3.26	21	87.5	0.96	71.2	6,141	9.4	2.2	7.6	4.7	3.8	7.6
6.812	78.5	1	11:34 AM	95.9	6781	31.61	23	16	9.04	4.72	2.82	2.41	2.13	15	88.1	0.95	66.3	7,577	12.1	1.9	7.5	5.0	3.9	8.1
6.812	78.5	2	11:34 AM	95.9	6694	29.85	21.96	15.41	8.79	4.72	2.94	2.54	2.02	14	88.1	0.95	63.9	7,689	12.3	2.0	7.7	5.0	4.0	8.5
6.812	78.5	3	11:34 AM	95.9	8438	37.25	27.4	19.47	11.36	6.2	3.86	3.24	2.94	18	88.1	0.95	63.4	7,562	12.1	2.1	7.8	5.0	4.0	8.5
6.812	78.5	4	11:34 AM	95.9	8811	38.9	28.61	20.46	11.93	6.52	4.16	3.77	3.1	19	88.1	0.95	63.4	7,534	12.0	2.1	7.9	5.0	4.0	8.5
6.917	79.1	1	11:35 AM	97.5	6364	33.93	22.34	15.03	9.14	6.58	3.99	2.91	2.37	16	89.1	0.95	75.5	5,768	8.8	2.1	7.3	4.6	3.8	7.2
6.917	79.1	2	11:35 AM	97.5	6266	32.15	21.55	14.7	9.04	6.56	3.99	2.93	2.36	16	89.1	0.95	72.9	5,826	8.9	2.2	7.5	4.7	3.8	7.4
6.917	79.1	3	11:35 AM	97.5	8175	41.97	28.45	19.54	12.1	8.77	5.28	3.84	3.08	21	89.1	0.95	73.0	5,745	8.7	2.3	7.6	4.6	3.8	7.4
6.917	79.1	4	11:35 AM	97.5	8724	44.56	30.38	20.94	13.01	9.44	5.66	4.11	3.3	22	89.1	0.95	72.7	5,729	8.7	2.3	7.6	4.6	3.8	7.4
7.008	78.6	1	11:36 AM	96.9	6211	56.48	35.06	20.43	9.64	5.73	2.94	2.26	1.91	22	88.8	0.95	123.0	4,705	6.9	0.8	4.8	4.1	3.5	4.4
7.008	78.6	2	11:36 AM	96.9	6255	52.25	33.43	19.89	9.72	5.82	2.78	2.4	1.93	21	88.8	0.94	113.3	4,894	7.2	1.0	5.2	4.2	3.5	4.8
7.008	78.6	3	11:36 AM	96.9	8098	66.28	46.92	25.72	12.48	7.44	3.9	2.78	2.43	27	88.8	0.95	111.4	4,976	7.4	1.0	5.2	4.2	3.5	4.8
7.008	78.6	4	11:36 AM	96.9	8581	69.69	46.06	27.36	13.48	7.94	4.15	3.02	2.6	29	88.8	0.95	110.6	4,978	7.4	1.1	5.3	4.3	3.5	4.9
7.098	78	1	11:38 AM	97.6	6266	18.89	14.42	10.73	7.07	5.13	2.77	1.77	1.33	11	89.3	0.94	45.0	8,356	13.6	3.2	10.6	5.3	4.2	12.0
7.098	78	2	11:38 AM	97.6	6529	18.52	14.3	10.69	7.08	5.16	2.81	1.83	1.38	11	89.3	0.94	42.7	8,736	14.4	3.2	11.0	5.4	4.3	12.6
7.098	78	3	11:38 AM	97.6	8548	25.06	18.89	14.21	9.46	6.89	3.78	2.44	1.88	14	89.3	0.94	44.0	8,526	14.0	3.2	10.8	5.4	4.2	12.3
7.098	78	4	11:38 AM	97.6	8965	26.44	19.9	15	10.02	7.31	4.02	2.6	2	15	89.3	0.94	44.2	8,444	13.8	3.2	10.7	5.4	4.2	12.2
7.194	78.6	1	11:39 AM	96.9	6397	29.63	20.56	13.65	7.57	4.82	2.54	1.55	1.12	13	88.8	0.94	65.5	7,295	11.6	2.1	7.7	4.9	3.9	8.2
7.194	78.6	2	11:39 AM	96.9	6463	28.55	19.66	13.2	7.42	4.72	2.42	1.67	1.27	13	88.8	0.94	62.7	7,584	12.1	2.2	7.9	5.0	4.0	8.6
7.194	78.6	3	11:39 AM	96.9	8383	36.39	25.3	16.95	9.65	6.18	3.16	2.18	1.76	16	88.8	0.94	61.7	7,610	12.2	2.2	8.0	5.0	4.0	8.8
7.194	78.6	4	11:39 AM	96.9	8811	38.16	26.51	17.81	10.15	6.51	3.37	2.32	1.89	17	88.8	0.94	61.6	7,609	12.2	2.2	8.1	5.0	4.0	8.8
7.290	79.2	1	11:40 AM	100.7	6584	28.79	19.87	13.73	7.97	5.24	2.91	2.11	1.71	14	91.3	0.93	61.4	7,279	11.6	2.3	8.2	5.0	4.0	8.8
7.290	79.2	2	11:40 AM	100.7	6595	27.79	19.11	13.32	7.79	5.15	2.89	2.12	1.7	14	91.3	0.93	59.4	7,481	11.9	2.4	8.4	5.0	4.0	9.1
7.290	79.2	3	11:40 AM	100.7	8570	35.8	24.81	17.4	10.32	6.86	3.89	2.84	2.3	18	91.3	0.93	59.0	7,410	11.8	2.4	8.5	5.0	4.0	9.1
7.290	79.2	4	11:40 AM	100.7	8910	37.09	25.77	18.11	10.77	7.17	4.06	2.98	2.41	19	91.3	0.93	58.9	7,400	11.8	2.5	8.5	5.0	4.0	9.2

7.387	78.9	1	11:41 AM	98.8	6847	31.34	20.53	13.35	7.5	4.73	2.11	1.13	0.78	14	90.1	0.92	63.5	7,674	12.3	2.1	7.8	5.0	4.0	8.5
7.387	78.9	2	11:41 AM	98.8	6792	29.14	19.1	12.54	6.93	4.49	2.11	1.18	0.84	13	90.1	0.92	60.0	8,100	13.1	2.1	8.1	5.1	4.0	9.0
7.387	78.9	3	11:41 AM	98.8	8658	34.46	22.79	14.93	8.3	5.46	2.57	1.44	1.04	15	90.1	0.92	56.0	8,606	14.1	2.3	8.4	5.2	4.1	9.6
7.387	78.9	4	11:41 AM	98.8	8910	35.02	23.04	15.09	8.43	5.58	2.66	1.52	1.09	15	90.1	0.92	55.4	8,690	14.3	2.3	8.5	5.2	4.1	9.7
7.477	78.2	1	11:42 AM	102.3	6639	29.66	19.43	12.99	7.57	5.46	3.2	2.2	1.69	14	92.4	0.92	62.4	7,081	11.2	2.3	8.2	4.9	4.0	8.7
7.477	78.2	2	11:42 AM	102.3	6639	28.1	18.43	12.47	7.33	5.31	3.13	2.18	1.69	13	92.4	0.92	59.4	7,369	11.7	2.4	8.5	5.0	4.0	9.1
7.477	78.2	3	11:42 AM	102.3	8581	35.35	23.5	16.06	9.56	6.97	4.13	2.89	2.24	17	92.4	0.92	58.1	7,396	11.8	2.5	8.6	5.0	4.0	9.3
7.477	78.2	4	11:42 AM	102.3	8910	36.38	24.28	16.63	9.93	7.25	4.3	3.02	2.35	18	92.4	0.92	57.6	7,418	11.8	2.5	8.7	5.0	4.0	9.4
7.580	79.3	1	11:43 AM	100.4	6628	25.49	17.82	12.24	7.04	4.64	2.47	1.67	1.26	12	91.2	0.92	54.4	8,276	13.5	2.5	8.8	5.2	4.1	9.9
7.580	79.3	2	11:43 AM	100.4	6617	24.93	16.94	11.72	6.78	4.5	2.43	1.65	1.26	12	91.2	0.92	53.4	8,486	13.9	2.5	8.9	5.2	4.1	10.1
7.580	79.3	3	11:43 AM	100.4	8625	31.18	21.64	15.04	8.8	5.87	3.2	2.19	1.7	15	91.2	0.92	51.6	8,645	14.2	2.6	9.1	5.3	4.1	10.5
7.580	79.3	4	11:43 AM	100.4	8910	32.38	22.31	15.51	9.1	6.08	3.33	2.28	1.76	16	91.2	0.92	51.8	8,612	14.2	2.5	9.1	5.3	4.1	10.4
7.673	78.5	1	11:44 AM	100.9	6485	22.47	16.47	12.13	7.56	5.14	2.51	1.71	1.39	12	91.5	0.92	49.7	8,079	13.1	2.9	9.7	5.2	4.1	10.9
7.673	78.5	2	11:44 AM	100.9	6496	21.62	15.91	11.77	7.4	5.07	2.54	1.74	1.39	12	91.5	0.92	48.0	8,288	13.5	2.9	10.0	5.3	4.2	11.3
7.673	78.5	3	11:44 AM	100.9	8460	28.5	21.02	15.64	9.91	6.79	3.41	2.33	1.89	16	91.5	0.92	48.6	8,111	13.2	2.9	10.0	5.3	4.2	11.1
7.673	78.5	4	11:44 AM	100.9	8811	29.78	21.85	16.28	10.33	7.13	3.56	2.46	1.95	17	91.5	0.92	48.7	8,061	13.1	3.0	9.9	5.2	4.1	11.1
7.764	79	1	11:45 AM	99.8	6474	33.54	23.48	16.54	9.65	6.43	3.57	2.64	2.19	17	90.8	0.94	72.5	5,973	9.1	2.2	7.5	4.7	3.8	7.4
7.764	79	2	11:45 AM	99.8	6496	32.28	22.74	16.21	9.61	6.46	3.63	2.67	2.26	17	90.8	0.94	69.8	6,081	9.3	2.3	7.8	4.7	3.8	7.7
7.764	79	3	11:45 AM	99.8	8416	42.33	29.85	21.39	12.79	8.58	4.79	3.56	2.93	22	90.8	0.94	70.7	5,965	9.1	2.3	7.7	4.7	3.8	7.6
7.764	79	4	11:45 AM	99.8	8888	44.73	31.65	22.69	13.5	9.18	5.13	3.81	3.12	24	90.8	0.94	70.8	5,920	9.0	2.3	7.7	4.7	3.8	7.6
7.857	79.4	1	11:46 AM	102.5	6584	15.79	11.18	8	5.26	3.94	2.6	1.99	1.63	8.3	92.6	0.91	36.1	11,078	19.3	3.3	11.7	5.8	4.5	14.9
7.857	79.4	2	11:46 AM	102.5	6551	15.09	10.69	7.71	5.12	3.86	2.57	1.97	1.62	8.1	92.6	0.91	35.0	11,358	19.9	3.3	11.9	5.8	4.5	15.4
7.857	79.4	3	11:46 AM	102.5	8625	19.86	14.12	10.22	6.76	5.08	3.37	2.59	2.13	11	92.6	0.91	34.9	11,363	19.9	3.3	11.9	5.8	4.5	15.5
7.857	79.4	4	11:46 AM	102.5	8932	20.54	14.61	10.56	6.99	5.25	3.48	2.67	2.19	11	92.6	0.91	34.9	11,383	19.9	3.3	11.9	5.8	4.5	15.5
7.950	79.4	1	11:47 AM	98.3	7023	16.03	10.68	6.87	4.06	2.93	1.82	1.29	0.96	7	89.8	0.92	34.8	13,914	25.5	2.8	10.9	6.0	4.6	15.5
7.950	79.4	2	11:47 AM	98.3	6935	15.55	10.24	6.68	3.97	2.89	1.81	1.28	0.94	6.8	89.8	0.92	34.3	14,036	25.8	2.8	11.0	6.0	4.6	15.7
7.950	79.4	3	11:47 AM	98.3	8789	19.19	12.87	8.5	5.16	3.75	2.35	1.7	1.23	8.6	89.8	0.92	33.6	14,025	25.8	2.9	11.2	6.0	4.6	16.1
7.950	79.4	4	11:47 AM	98.3	8932	19.63	13.11	8.67	5.28	3.84	2.41	1.71	1.25	8.8	89.8	0.92	33.8	13,925	25.5	2.9	11.2	6.0	4.6	16.0
8.050	78.6	1	11:48 AM	102.0	6518	14.81	11.35	8.7	5.9	4.36	2.69	1.96	1.53	8.5	92.3	0.92	34.7	10,514	18.1	3.5	12.4	5.7	4.5	15.5
8.050	78.6	2	11:48 AM	102.0	6441	14.37	11.09	8.55	5.85	4.37	2.71	2	1.57	8.4	92.3	0.92	34.3	10,474	18.0	3.6	12.6	5.8	4.5	15.8
8.050	78.6	3	11:48 AM	102.0	8383	18.66	14.52	11.25	7.78	5.82	3.63	2.67	2.11	11	92.3	0.92	34.3	10,315	17.6	3.7	12.7	5.7	4.5	15.8
8.050	78.6	4	11:48 AM	102.0	8877	19.74	15.31	11.89	8.22	6.19	3.88	2.84	2.25	12	92.3	0.92	34.2	10,286	17.6	3.7	12.7	5.7	4.5	15.8
8.141	78.9	1	11:49 AM	103.3	6507	16.07	12.7	10.2	7.24	5.47	3.21	2.16	1.67	10	93.2	0.92	37.3	8,726	14.4	3.8	12.6	5.5	4.3	14.5
8.141	78.9	2	11:49 AM	103.3	6573	15.72	12.37	9.96	7.11	5.39	3.17	2.17	1.68	10	93.2	0.92	36.3	8,961	14.9	3.8	12.8	5.6	4.4	14.9
8.141	78.9	3	11:49 AM	103.3	8636	20.74	16.44	13.24	9.47	7.19	4.24	2.91	2.26	14	93.2	0.92	36.5	8,850	14.6	3.8	12.8	5.6	4.4	14.8
8.141	78.9	4	11:49 AM	103.3	8921	21.6	16.95	13.65	9.76	7.41	4.38	3	2.34	14	93.2	0.92	36.7	8,848	14.6	3.8	12.7	5.5	4.4	14.7
8.236	78.8	1	11:50 AM	100.7	6639	28.07	18.31	11.64	6.55	4.3	2.09	1.15	0.74	13	91.5	0.91	58.6	8,244	13.4	2.2	8.2	5.1	4.0	9.2
8.236	78.8	2	11:50 AM	100.7	6551	26.91	17.7	11.54	6.58	4.31	2.12	1.3	0.74	13	91.5	0.91	57.2	8,292	13.5	2.3	8.4	5.2	4.1	9.4
8.236	78.8	3	11:50 AM	100.7	8318	33.2	22.22	14.44	8.31	5.55	2.72	1.57	1	16	91.5	0.91	55.8	8,344	13.6	2.3	8.6	5.2	4.1	9.7
8.236	78.8	4	11:50 AM	100.7	8636	34.48	23.3	15.05	8.73	5.79	2.87	1.66	1.07	17	91.5	0.91	55.8	8,322	13.6	2.4	8.6	5.2	4.1	9.7
8.329	79.1	1	11:51 AM	102.9	6463	16.98	13.06	10.5	7.35	5.5	3.05	1.8	1.28	11	92.9	0.92	39.3	8,507	13.9	3.6	12.1	5.5	4.3	13.8
8.329	79.1	2	11:51 AM	102.9	6474	16.54	12.73	10.27	7.23	5.37	3.03	1.88	1.29	10	92.9	0.92	38.3	8,734	14.4	3.7	12.2	5.5	4.3	14.1
8.329	79.1	3	11:51 AM	102.9	8526	21.62	16.74	13.55	9.57	7.18	4.07	2.49	1.74	14	92.9	0.92	38.1	8,655	14.2	3.7	12.3	5.5	4.3	14.2
8.329	79.1	4	11:51 AM	102.9	8866	22.51	17.4	14.11	9.97	7.46	4.26	2.64	1.85	14	92.9	0.92	38.2	8,658	14.2	3.7	12.3	5.5	4.3	14.1

8.425	80.5	1	11:52 AM	102.1	6123	36.57	24.73	17.18	10.78	7.91	4.67	3	2.07	18	92.4	0.95	83.1	4,842	7.1	2.2	7.1	4.4	3.7	6.5
8.425	80.5	2	11:52 AM	102.1	6167	34.91	24	16.81	10.67	7.84	4.65	3.05	2.13	17	92.4	0.95	79.1	4,998	7.4	2.3	7.4	4.5	3.7	6.8
8.425	80.5	3	11:52 AM	102.1	7999	44.92	31.39	22.18	14.11	10.44	6.22	4.03	2.82	23	92.4	0.95	78.6	4,938	7.3	2.4	7.4	4.5	3.7	6.9
8.425	80.5	4	11:52 AM	102.1	8647	48.43	33.96	24.05	15.41	11.31	6.67	4.46	3.24	25	92.4	0.95	78.4	4,937	7.3	2.4	7.4	4.5	3.7	6.9
8.517	79.7	1	11:53 AM	101.6	6408	26.53	19.75	14.92	10.11	7.26	3.9	2.75	2.2	16	92.1	0.94	59.1	6,056	9.3	2.9	9.2	4.8	3.9	9.1
8.517	79.7	2	11:53 AM	101.6	6452	25.56	19.03	14.46	9.91	7.16	3.94	2.76	2.2	16	92.1	0.94	56.9	6,233	9.6	3.0	9.4	4.9	4.0	9.5
8.517	79.7	3	11:53 AM	101.6	8383	33.21	24.89	18.98	12.99	9.48	5.32	3.83	3	21	92.1	0.94	57.0	6,156	9.5	3.0	9.5	4.9	4.0	9.5
8.517	79.7	4	11:53 AM	101.6	8800	34.79	26.04	19.95	13.59	10.01	5.62	4.04	3.24	22	92.1	0.94	56.9	6,137	9.4	3.1	9.5	4.9	4.0	9.5
8.620	78.4	1	11:54 AM	98.7	6617	23.23	16.25	10.74	5.9	3.8	1.94	1.27	0.95	11	90.2	0.92	50.1	9,596	16.1	2.4	9.0	5.4	4.2	10.8
8.620	78.4	2	11:54 AM	98.7	6617	22.22	15.67	10.56	5.94	3.89	2.02	1.31	0.98	11	90.2	0.92	48.3	9,679	16.3	2.5	9.3	5.4	4.2	11.2
8.620	78.4	3	11:54 AM	98.7	8252	27.42	19.31	13.1	7.48	4.91	2.53	1.65	1.23	14	90.2	0.92	47.9	9,664	16.3	2.5	9.4	5.4	4.2	11.3
8.620	78.4	4	11:54 AM	98.7	8866	29.14	20.51	13.96	8	5.29	2.72	1.78	1.33	15	90.2	0.92	47.4	9,699	16.4	2.6	9.4	5.4	4.2	11.4
8.721	79.1	1	11:55 AM	99.6	6726	23.04	15.36	10.2	6.17	4.66	3.06	2.17	1.58	10	90.8	0.93	49.8	8,770	14.5	2.7	9.4	5.3	4.2	10.8
8.721	79.1	2	11:55 AM	99.6	6726	22.31	14.98	10.07	6.19	4.69	3.09	2.2	1.62	10	90.8	0.93	48.4	8,862	14.7	2.7	9.6	5.3	4.2	11.2
8.721	79.1	3	11:55 AM	99.6	8427	28.54	19.59	13.48	8.37	6.29	4.07	2.86	2.08	13	90.8	0.93	49.4	8,447	13.8	2.8	9.6	5.3	4.2	10.9
8.721	79.1	4	11:55 AM	99.6	8734	29.81	20.46	14.14	8.83	6.67	4.3	3.02	2.19	14	90.8	0.93	49.8	8,309	13.6	2.8	9.6	5.3	4.1	10.8
8.810	78.8	1	11:55 AM	99.7	6331	20.83	15.14	11.17	7.02	4.73	2.36	1.53	1.13	11	90.9	0.92	47.6	8,545	14.0	2.9	9.9	5.3	4.2	11.3
8.810	78.8	2	11:55 AM	99.7	6342	20.15	14.56	10.78	6.82	4.61	2.34	1.49	1.1	10	90.9	0.92	46.2	8,810	14.6	2.9	10.1	5.4	4.2	11.7
8.810	78.8	3	11:55 AM	99.7	8372	26.6	19.3	14.32	9.01	6.12	3.11	1.97	1.44	14	90.9	0.92	46.2	8,781	14.5	2.9	10.1	5.4	4.2	11.7
8.810	78.8	4	11:55 AM	99.7	8822	28.12	20.45	15.21	9.52	6.52	3.32	2.06	1.5	14	90.9	0.92	46.4	8,712	14.4	2.9	10.1	5.4	4.2	11.6
8.905	78.9	1	11:57 AM	100.7	6298	24.72	17.07	11.73	6.84	4.67	2.78	1.92	1.53	12	91.6	0.93	55.7	7,948	12.8	2.5	8.7	5.1	4.1	9.7
8.905	78.9	2	11:57 AM	100.7	6353	23.87	16.43	11.33	6.66	4.57	2.74	1.9	1.54	12	91.6	0.92	53.5	8,242	13.4	2.5	9.0	5.2	4.1	10.1
8.905	78.9	3	11:57 AM	100.7	8339	31.31	21.76	15.1	8.94	6.15	3.69	2.65	2.17	16	91.6	0.93	53.6	8,133	13.2	2.6	9.0	5.2	4.1	10.1
8.905	78.9	4	11:57 AM	100.7	8789	33.13	22.98	15.95	9.49	6.57	3.93	2.82	2.3	17	91.6	0.93	53.8	8,058	13.1	2.6	9.0	5.2	4.1	10.0
9.005	79.1	1	11:57 AM	101.8	6342	28.43	20.42	14.55	8.85	6.37	3.97	2.98	2.43	15	92.3	0.94	63.5	6,321	9.8	2.6	8.4	4.8	3.9	8.5
9.005	79.1	2	11:57 AM	101.8	6342	27.17	19.6	14.1	8.71	6.31	3.97	2.98	2.43	14	92.3	0.94	60.9	6,476	10.0	2.7	8.7	4.9	3.9	8.9
9.005	79.1	3	11:57 AM	101.8	8274	35.39	25.59	18.43	11.4	8.25	5.19	3.9	3.15	19	92.3	0.94	60.9	6,471	10.0	2.7	8.7	4.9	3.9	8.9
9.005	79.1	4	11:57 AM	101.8	8724	37.22	27.08	19.42	11.96	8.74	5.52	4.12	3.3	20	92.3	0.94	60.8	6,460	10.0	2.7	8.7	4.9	3.9	8.9
9.094	79.2	1	11:58 AM	104.0	6496	20.35	16.44	13.74	9.89	7.31	3.91	2.51	1.86	14	93.8	0.93	45.9	6,601	10.3	3.7	11.4	5.1	4.1	11.8
9.094	79.2	2	11:58 AM	104.0	6507	19.78	15.96	13.36	9.64	7.16	3.87	2.52	1.91	13	93.8	0.93	44.7	6,761	10.6	3.7	11.6	5.1	4.1	12.1
9.094	79.2	3	11:58 AM	104.0	8537	26.22	21.24	17.77	12.88	9.59	5.17	3.37	2.5	18	93.8	0.93	45.2	6,637	10.3	3.7	11.6	5.1	4.1	12.0
9.094	79.2	4	11:58 AM	104.0	8888	27.44	22.19	18.54	13.44	10.07	5.46	3.58	2.65	19	93.8	0.93	45.4	6,585	10.2	3.7	11.6	5.1	4.1	11.9
9.189	78.5	1	11:59 AM	101.6	6353	28.96	20.15	13.86	7.89	5.25	2.94	2.23	1.76	14	92.2	0.92	63.5	6,998	11.0	2.3	8.1	4.9	3.9	8.5
9.189	78.5	2	11:59 AM	101.6	6375	27.48	19.16	13.32	7.7	5.2	2.95	2.23	1.76	14	92.2	0.92	60.4	7,231	11.5	2.4	8.4	5.0	4.0	8.9
9.189	78.5	3	11:59 AM	101.6	8318	35.96	25.26	17.66	10.21	7	4.02	2.96	2.44	18	92.2	0.93	60.7	7,098	11.2	2.4	8.4	5.0	4.0	8.9
9.189	78.5	4	11:59 AM	101.6	8789	38.09	26.74	18.74	10.91	7.5	4.27	3.19	2.56	20	92.2	0.93	60.8	7,036	11.1	2.5	8.4	5.0	4.0	8.9
9.292	77.9	1	12:00 PM	102.3	6112	32.61	22.15	14.98	8.72	5.91	3.1	2.04	1.53	16	92.7	0.93	73.3	5,980	9.1	2.2	7.4	4.7	3.8	7.4
9.292	77.9	2	12:00 PM	102.3	6123	30.48	21.07	14.41	8.48	5.8	3.08	2.03	1.53	15	92.7	0.92	68.8	6,242	9.6	2.3	7.8	4.8	3.9	7.8
9.292	77.9	3	12:00 PM	102.3	8153	39.73	27.5	18.89	11.26	7.71	4.11	2.76	2.05	20	92.7	0.92	67.5	6,308	9.7	2.3	7.9	4.8	3.9	8.0
9.292	77.9	4	12:00 PM	102.3	8702	42.16	29.05	19.98	11.96	8.32	4.39	2.94	2.19	21	92.7	0.92	67.2	6,286	9.7	2.4	8.0	4.8	3.9	8.0
9.385	78.2	1	12:01 PM	104.2	6342	36.78	25.32	16.73	9.85	6.59	3.67	2.55	1.98	17	94.0	0.92	79.1	5,536	8.3	2.1	7.1	4.6	3.7	6.8
9.385	78.2	2	12:01 PM	104.2	6331	34.83	24.09	16.19	9.64	6.49	3.61	2.52	1.95	17	94.0	0.92	75.3	5,713	8.7	2.2	7.4	4.6	3.8	7.2
9.385	78.2	3	12:01 PM	104.2	8263	45.12	31.36	21.05	12.65	8.53	4.76	3.32	2.61	22	94.0	0.92	74.8	5,710	8.6	2.2	7.4	4.6	3.8	7.2
9.385	78.2	4	12:01 PM	104.2	8767	47.81	33.33	22.54	13.52	9.13	5.09	3.54	2.79	23	94.0	0.92	74.8	5,687	8.6	2.2	7.4	4.6	3.8	7.2

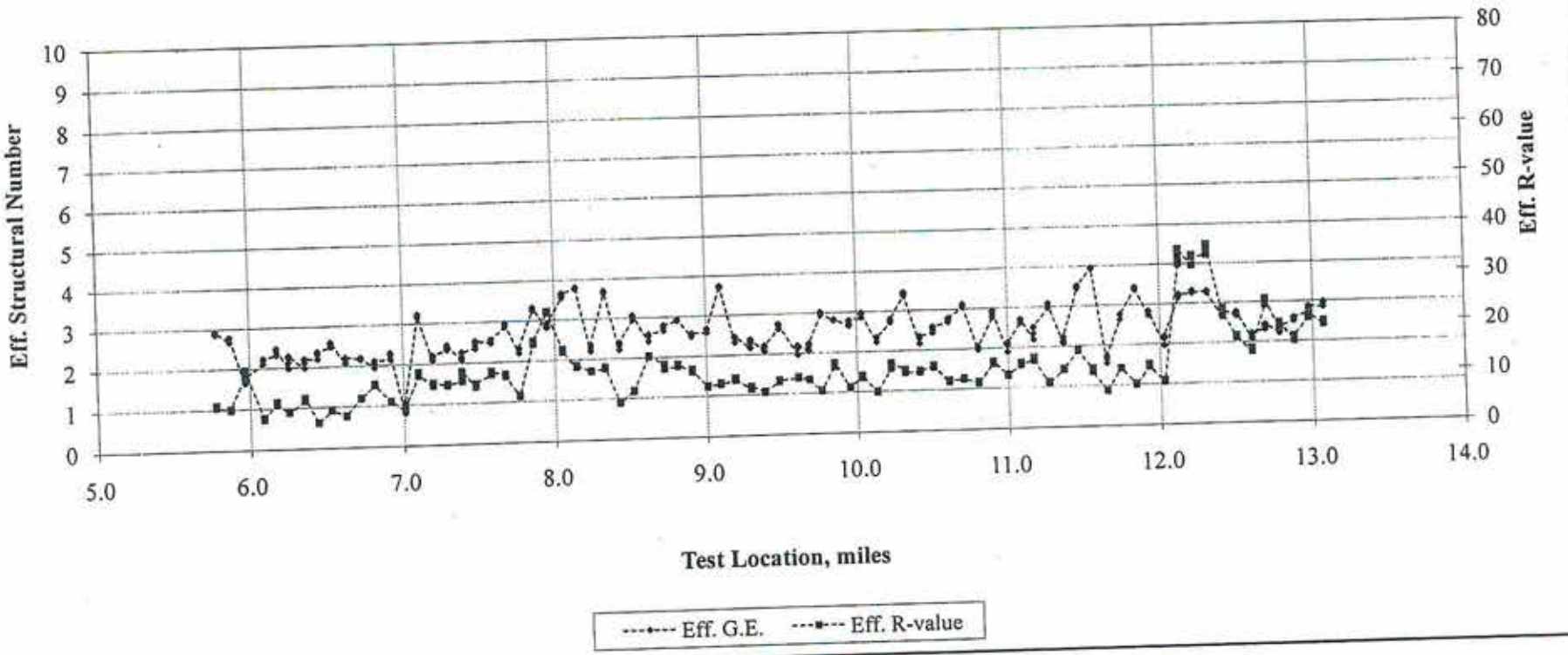
9.480	78.2	1	12:02 PM	101.7	6342	27.11	19.73	13.51	8.24	5.99	3.53	2.58	2.01	13	92.3	0.93	60.5	6,683	10.4	2.6	8.6	4.9	4.0	8.9
9.480	78.2	2	12:02 PM	101.7	6386	25.94	18.94	13.11	8.12	5.94	3.55	2.59	2.04	13	92.3	0.93	57.8	6,887	10.8	2.7	8.9	5.0	4.0	9.3
9.480	78.2	3	12:02 PM	101.7	8394	34	24.78	17.25	10.82	7.96	4.91	3.54	2.63	17	92.3	0.93	57.8	6,817	10.7	2.7	9.0	5.0	4.0	9.3
9.480	78.2	4	12:02 PM	101.7	8844	35.71	26.06	18.16	11.39	8.41	5.18	3.73	2.9	18	92.3	0.93	57.6	6,814	10.7	2.7	9.0	5.0	4.0	9.4
9.607	79.4	1	12:03 PM	100.1	6726	33.7	21.28	13.32	7.48	5.09	2.98	2.07	1.57	15	91.3	0.93	69.4	7,008	11.0	2.0	7.4	4.9	3.9	7.8
9.607	79.4	2	12:03 PM	100.1	6715	31.61	20.49	13.18	7.5	5.18	3.01	2.14	1.58	14	91.3	0.93	65.7	7,150	11.3	2.1	7.7	4.9	3.9	8.2
9.607	79.4	3	12:03 PM	100.1	8416	39.06	25.92	16.77	9.69	6.6	3.81	2.57	2.21	18	91.3	0.93	64.9	7,136	11.3	2.2	7.8	4.9	3.9	8.3
9.607	79.4	4	12:03 PM	100.1	8789	40.97	27.43	17.82	10.22	7.04	4.03	2.77	2.43	19	91.3	0.93	65.1	7,042	11.1	2.2	7.9	4.9	3.9	8.3
9.681	79.1	1	12:04 PM	99.8	6639	32.77	21.39	13.84	7.65	5.3	3.09	2.11	1.6	15	91.1	0.93	68.7	6,865	10.8	2.1	7.5	4.9	3.9	7.9
9.681	79.1	2	12:04 PM	99.8	6617	31.5	20.88	13.7	7.72	5.39	3.16	2.19	1.67	15	91.1	0.93	66.6	6,911	10.9	2.2	7.7	4.9	3.9	8.1
9.681	79.1	3	12:04 PM	99.8	8339	38.97	26.21	17.42	9.9	6.92	4.09	2.81	2.13	19	91.1	0.93	65.6	6,903	10.8	2.2	7.9	4.9	3.9	8.2
9.681	79.1	4	12:04 PM	99.8	8658	40.64	27.52	18.33	10.44	7.3	4.3	2.98	2.26	20	91.1	0.93	65.9	6,830	10.7	2.2	7.9	4.9	3.9	8.2
9.763	79.8	1	12:05 PM	105.0	6233	27.73	21.57	16.17	10.8	7.79	4.38	2.93	2.19	16	94.6	0.93	62.7	5,540	8.3	2.9	8.9	4.7	3.9	8.6
9.763	79.8	2	12:05 PM	105.0	6288	26.82	20.85	15.74	10.6	7.7	4.37	2.97	2.24	16	94.6	0.93	60.4	5,696	8.6	3.0	9.2	4.8	3.9	8.9
9.763	79.8	3	12:05 PM	105.0	8197	35.41	27.34	20.59	13.92	10.06	5.7	3.74	2.78	21	94.6	0.93	61.0	5,663	8.6	3.0	9.1	4.8	3.9	8.8
9.763	79.8	4	12:05 PM	105.0	8789	38.06	29.32	22.09	14.99	10.84	6.17	4.14	3.11	23	94.6	0.93	61.2	5,640	8.5	3.0	9.1	4.7	3.9	8.8
9.850	78.3	1	12:06 PM	105.4	6551	24.07	17.3	12.27	7.22	4.93	2.22	1.13	0.76	13	94.9	0.89	50.6	8,118	13.2	2.8	9.6	5.2	4.1	10.7
9.850	78.3	2	12:06 PM	105.4	6573	23.56	16.53	11.79	7.01	4.79	2.18	1.14	0.75	13	94.9	0.89	49.4	8,356	13.6	2.8	9.7	5.3	4.2	10.9
9.850	78.3	3	12:06 PM	105.4	8647	30.46	21.59	15.39	9.11	6.17	2.76	1.43	0.95	17	94.9	0.89	48.6	8,520	14.0	2.8	9.7	5.3	4.2	11.1
9.850	78.3	4	12:06 PM	105.4	8987	31.51	22.41	15.97	9.46	6.41	2.87	1.49	1	17	94.9	0.89	48.4	8,540	14.0	2.8	9.8	5.3	4.2	11.2
9.950	78.8	1	12:07 PM	103.6	6145	28.67	20.78	15	9.52	6.83	3.94	2.74	2.03	15	93.7	0.93	65.4	5,857	8.9	2.6	8.4	4.7	3.9	8.3
9.950	78.8	2	12:07 PM	103.6	6222	28.3	19.98	14.58	9.41	6.82	3.98	2.78	2.05	15	93.7	0.93	63.9	5,966	9.1	2.7	8.5	4.8	3.9	8.4
9.950	78.8	3	12:07 PM	103.6	8197	36.17	26.07	18.95	12.46	9.13	5.46	3.58	2.7	19	93.7	0.93	62.3	5,978	9.1	2.8	8.7	4.8	3.9	8.7
9.950	78.8	4	12:07 PM	103.6	8767	38.49	27.79	20.29	13.39	9.81	5.88	3.91	2.95	21	93.7	0.93	62.1	5,973	9.1	2.8	8.8	4.8	3.9	8.7
10.033	79.3	1	12:08 PM	103.5	6189	24.32	17.22	12.91	8.39	5.87	3.29	2.3	1.83	12	93.7	0.92	55.6	6,899	10.8	2.9	9.3	5.0	4.0	9.7
10.033	79.3	2	12:08 PM	103.5	6233	23.31	16.76	12.59	8.24	5.79	3.31	2.32	1.85	12	93.7	0.92	53.2	7,124	11.3	2.9	9.6	5.1	4.1	10.2
10.033	79.3	3	12:08 PM	103.5	8208	30.33	22.03	16.61	10.92	7.69	4.35	3.09	2.48	16	93.7	0.92	52.6	7,119	11.2	3.0	9.7	5.1	4.1	10.3
10.033	79.3	4	12:08 PM	103.5	8844	32.85	23.57	17.78	11.65	8.29	4.82	3.3	2.56	17	93.7	0.92	53.0	7,104	11.2	3.0	9.6	5.1	4.1	10.2
10.132	79.6	1	12:09 PM	103.2	6233	35.32	24.48	17.38	10.33	7.22	4.35	3.23	2.56	18	93.5	0.94	78.4	5,269	7.9	2.2	7.3	4.5	3.7	6.9
10.132	79.6	2	12:09 PM	103.2	6255	33.8	23.71	16.97	10.21	7.19	4.33	3.2	2.54	17	93.5	0.94	75.1	5,403	8.1	2.3	7.5	4.6	3.8	7.2
10.132	79.6	3	12:09 PM	103.2	8230	44.86	31.69	22.72	13.81	9.7	5.87	4.37	3.61	23	93.5	0.94	75.8	5,306	7.9	2.3	7.5	4.5	3.8	7.1
10.132	79.6	4	12:09 PM	103.2	8745	47.77	33.77	24.22	14.78	10.39	6.28	4.66	3.71	25	93.5	0.94	76.0	5,277	7.9	2.3	7.5	4.5	3.8	7.1
10.224	80.1	1	12:10 PM	103.5	6474	24.72	17.76	12.8	7.63	5.11	2.56	1.54	1.08	13	93.7	0.91	53.3	7,772	12.5	2.7	9.2	5.1	4.1	10.1
10.224	80.1	2	12:10 PM	103.5	6595	23.85	17.05	12.32	7.39	4.98	2.51	1.54	1.1	13	93.7	0.90	50.7	8,159	13.3	2.8	9.5	5.2	4.1	10.7
10.224	80.1	3	12:10 PM	103.5	8570	30.38	21.85	15.8	9.47	6.37	3.19	1.96	1.42	16	93.7	0.90	49.7	8,304	13.5	2.8	9.6	5.3	4.1	10.9
10.224	80.1	4	12:10 PM	103.5	8976	31.62	22.78	16.48	9.89	6.64	3.33	2.06	1.48	17	93.7	0.90	49.5	8,349	13.6	2.8	9.7	5.3	4.2	10.9
10.315	79.6	1	12:11 PM	98.1	6474	19.74	15.57	12.19	8.38	6.15	3.63	2.48	1.88	12	90.1	0.94	45.6	7,536	12.0	3.4	10.9	5.2	4.2	11.8
10.315	79.6	2	12:11 PM	98.1	6408	18.86	15.16	11.87	8.21	6.08	3.61	2.5	1.91	12	90.1	0.94	44.3	7,620	12.2	3.5	11.2	5.3	4.2	12.2
10.315	79.6	3	12:11 PM	98.1	8120	24.83	19.92	15.65	10.91	8.1	4.83	3.34	2.57	16	90.1	0.95	45.9	7,272	11.5	3.4	11.0	5.2	4.1	11.8
10.315	79.6	4	12:11 PM	98.1	8614	26.51	20.93	16.46	11.48	8.54	5.09	3.51	2.7	17	90.1	0.95	46.1	7,291	11.6	3.4	10.9	5.2	4.1	11.7
10.415	79.7	1	12:12 PM	98.8	6825	31.1	20.35	12.86	7.24	5.22	3.15	2.28	1.8	14	90.6	0.93	64.1	7,294	11.6	2.2	7.9	5.0	4.0	8.4
10.415	79.7	2	12:12 PM	98.8	6781	29.4	19.59	12.62	7.24	5.23	3.15	2.28	1.8	14	90.6	0.93	61.4	7,433	11.8	2.3	8.2	5.0	4.0	8.8
10.415	79.7	3	12:12 PM	98.8	8603	36.45	24.59	16.06	9.28	6.68	4.01	2.87	2.28	17	90.6	0.93	60.1	7,485	11.9	2.3	8.3	5.0	4.0	9.0
10.415	79.7	4	12:12 PM	98.8	8778	37.1	25.18	16.5	9.54	6.85	4.13	2.97	2.41	18	90.6	0.93	60.0	7,474	11.9	2.4	8.3	5.0	4.0	9.0

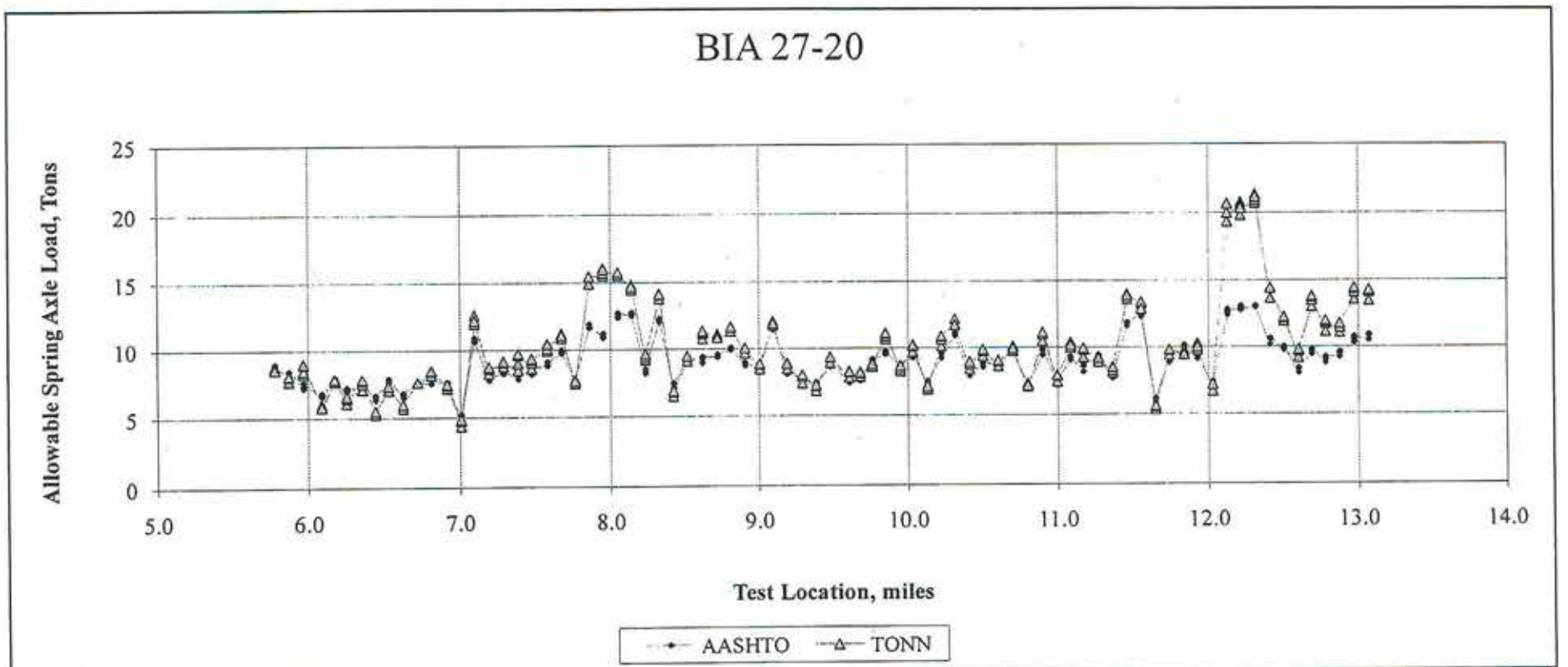
10.503	80	1	12:13 PM	101.9	6309	25.88	17.47	11.67	6.68	4.72	2.84	2.04	1.57	12	92.7	0.92	57.5	7,752	12.5	2.4	8.6	5.1	4.0	9.4
10.503	80	2	12:13 PM	101.9	6375	24.99	16.85	11.36	6.63	4.68	2.82	2.04	1.57	12	92.7	0.92	55.2	7,996	12.9	2.5	8.8	5.1	4.1	9.8
10.503	80	3	12:13 PM	101.9	8460	32.78	22.39	15.26	9.03	6.44	3.91	2.83	2.19	16	92.7	0.92	54.8	7,879	12.7	2.6	8.9	5.1	4.1	9.9
10.503	80	4	12:13 PM	101.9	8778	33.93	23.25	15.87	9.44	6.72	4.07	2.96	2.31	17	92.7	0.92	54.7	7,863	12.7	2.6	8.9	5.1	4.1	9.9
10.606	80.3	1	12:14 PM	100.8	6200	27.22	18.77	13.77	8.93	6.56	4.06	2.92	2.3	15	92.0	0.94	62.6	6,181	9.5	2.7	8.6	4.8	3.9	8.6
10.606	80.3	2	12:14 PM	100.8	6167	25.86	17.52	13.06	8.66	6.38	4.01	3.02	2.24	14	92.0	0.94	60.0	6,380	9.9	2.8	8.9	4.9	3.9	9.0
10.606	80.3	3	12:14 PM	100.8	8263	34.42	23.48	17.54	11.62	8.63	5.38	3.88	3.01	19	92.0	0.94	59.7	6,359	9.8	2.8	8.9	4.9	3.9	9.0
10.606	80.3	4	12:14 PM	100.8	8800	36.53	24.94	18.7	12.47	9.17	5.72	4.13	3.16	20	92.0	0.94	59.5	6,377	9.9	2.8	8.9	4.9	3.9	9.1
10.703	80.4	1	12:15 PM	101.8	6309	24.3	17.9	13.44	9.07	6.8	3.91	2.58	1.91	14	92.7	0.93	55.3	6,416	9.9	3.0	9.6	4.9	4.0	9.8
10.703	80.4	2	12:15 PM	101.8	6331	23.37	17.15	13	8.83	6.69	3.89	2.6	1.92	14	92.7	0.93	53.3	6,595	10.3	3.1	9.9	5.0	4.0	10.1
10.703	80.4	3	12:15 PM	101.8	8383	31.27	22.97	17.5	12.03	9.02	5.31	3.51	2.6	18	92.7	0.94	53.9	6,493	10.1	3.1	9.8	5.0	4.0	10.0
10.703	80.4	4	12:15 PM	101.8	8778	33.02	24.04	18.28	12.6	9.5	5.66	3.65	2.63	19	92.7	0.94	54.3	6,450	10.0	3.1	9.8	5.0	4.0	9.9
10.802	80.7	1	12:16 PM	100.3	6386	35.92	24.69	16.81	9.28	5.74	2.39	1.22	0.8	17	91.7	0.92	76.3	6,063	9.3	2.0	7.1	4.7	3.8	7.1
10.802	80.7	2	12:16 PM	100.3	6595	35.83	24.77	17.04	9.5	5.91	2.47	1.26	0.83	17	91.7	0.92	73.9	6,174	9.5	2.0	7.3	4.7	3.8	7.3
10.802	80.7	3	12:16 PM	100.3	8482	46.63	32.56	22.44	12.5	7.73	3.12	1.56	1.02	23	91.7	0.92	74.7	6,085	9.3	2.0	7.3	4.7	3.8	7.2
10.802	80.7	4	12:16 PM	100.3	8833	49.33	34.35	23.72	13.26	8.2	3.31	1.66	1.09	24	91.7	0.92	75.8	5,982	9.1	2.0	7.2	4.7	3.8	7.1
10.900	81.6	1	12:17 PM	96.2	6200	21.75	14.89	10.72	6.86	5	2.9	2.18	1.66	12	89.0	0.94	51.5	7,956	12.9	2.8	9.5	5.2	4.1	10.5
10.900	81.6	2	12:17 PM	96.2	6255	20.78	14.4	10.35	6.69	4.92	2.9	2.22	1.65	12	89.0	0.94	49.1	8,255	13.4	2.9	9.8	5.3	4.2	11.0
10.900	81.6	3	12:17 PM	96.2	8296	27.14	19.11	13.85	9.07	6.7	3.79	2.77	2.3	16	89.0	0.94	48.4	8,174	13.3	2.9	9.9	5.3	4.2	11.1
10.900	81.6	4	12:17 PM	96.2	8734	28.49	20.04	14.76	9.62	7.06	4.02	2.85	2.44	16	89.0	0.94	48.3	8,180	13.3	2.9	10.0	5.3	4.2	11.2
10.997	81.6	1	12:18 PM	100.6	6946	36.63	20.84	13.09	7.63	5.48	3.46	2.63	2.11	16	91.9	0.93	72.8	6,690	10.4	1.9	7.2	4.8	3.9	7.4
10.997	81.6	2	12:18 PM	100.6	6880	34.11	20.09	12.83	7.63	5.53	3.5	2.65	2.08	15	91.9	0.93	68.9	6,827	10.7	2.1	7.5	4.8	3.9	7.8
10.997	81.6	3	12:18 PM	100.6	8713	42.34	25.88	16.67	9.96	7.17	4.53	3.44	2.74	19	91.9	0.93	67.8	6,807	10.7	2.1	7.7	4.9	3.9	8.0
10.997	81.6	4	12:18 PM	100.6	8910	43.7	26.48	17.16	10.3	7.43	4.68	3.48	2.83	20	91.9	0.93	68.4	6,731	10.5	2.1	7.6	4.8	3.9	7.9
11.084	81	1	12:19 PM	100.3	6364	24.32	17.44	12.5	7.58	4.94	2.65	1.75	1.29	12	91.7	0.92	54.2	7,842	12.6	2.6	9.0	5.1	4.1	10.0
11.084	81	2	12:19 PM	100.3	6408	23.28	16.74	12.11	7.47	4.9	2.67	1.77	1.32	12	91.7	0.92	51.9	8,085	13.1	2.7	9.3	5.2	4.1	10.4
11.084	81	3	12:19 PM	100.3	8361	31.02	22.47	16.28	10.1	6.65	3.61	2.39	1.76	16	91.7	0.92	52.9	7,835	12.6	2.7	9.3	5.2	4.1	10.2
11.084	81	4	12:19 PM	100.3	8844	32.95	23.9	17.34	10.73	7.12	3.87	2.57	1.91	17	91.7	0.92	53.1	7,766	12.5	2.7	9.3	5.1	4.1	10.2
11.170	80.9	1	12:20 PM	98.1	6836	28.16	17.72	11.1	6.4	4.45	2.67	2	1.52	13	90.3	0.93	58.3	8,327	13.6	2.2	8.2	5.1	4.1	9.3
11.170	80.9	2	12:20 PM	98.1	6792	26.13	16.48	10.68	6.35	4.46	2.72	2	1.56	12	90.3	0.93	55.0	8,563	14.1	2.3	8.6	5.2	4.1	9.8
11.170	80.9	3	12:20 PM	98.1	8658	32.67	21.2	14.07	8.58	6.11	3.69	2.68	2.05	15	90.3	0.93	54.2	8,312	13.6	2.5	8.8	5.2	4.1	10.0
11.170	80.9	4	12:20 PM	98.1	8910	33.67	22.16	14.66	8.94	6.47	3.85	2.79	2.16	16	90.3	0.93	54.3	8,178	13.3	2.5	8.9	5.2	4.1	9.9
11.268	80.9	1	12:21 PM	101.0	6430	27.12	20.61	15.44	10.39	7.83	4.59	2.86	1.88	16	92.2	0.94	60.5	5,739	8.7	3.0	9.1	4.8	3.9	8.9
11.268	80.9	2	12:21 PM	101.0	6485	26.12	19.88	14.99	10.16	7.68	4.54	2.83	1.89	15	92.2	0.94	58.0	5,937	9.1	3.1	9.4	4.8	3.9	9.3
11.268	80.9	3	12:21 PM	101.0	8449	34.26	26.18	19.85	13.56	10.26	6.09	3.83	2.58	20	92.2	0.94	58.5	5,824	8.9	3.1	9.4	4.8	3.9	9.2
11.268	80.9	4	12:21 PM	101.0	8866	36.08	27.5	20.87	14.27	10.81	6.43	4.06	2.61	21	92.2	0.94	58.7	5,801	8.8	3.1	9.4	4.8	3.9	9.2
11.365	79.9	1	12:22 PM	97.9	6617	31.33	20.96	13.09	7.32	5.09	3.15	2.26	1.78	13	90.2	0.94	66.7	7,140	11.3	2.1	7.6	4.9	3.9	8.1
11.365	79.9	2	12:22 PM	97.9	6518	30.07	20.04	12.61	7.15	5.01	3.12	2.24	1.77	13	90.2	0.94	65.1	7,232	11.5	2.1	7.8	4.9	3.9	8.3
11.365	79.9	3	12:22 PM	97.9	8383	37.38	26.25	16.2	9.32	6.51	4.04	2.87	2.37	17	90.2	0.94	63.2	7,310	11.6	2.2	8.0	5.0	4.0	8.5
11.365	79.9	4	12:22 PM	97.9	8669	38.72	26.99	16.91	9.79	6.86	4.26	3.09	2.56	17	90.2	0.94	63.4	7,230	11.5	2.2	8.0	5.0	4.0	8.5
11.460	81.6	1	12:23 PM	102.6	6331	16.84	12.53	9.39	6.39	4.89	3.15	2.3	1.79	9.7	93.3	0.92	39.7	9,066	15.1	3.4	11.6	5.5	4.3	13.6
11.460	81.6	2	12:23 PM	102.6	6441	16.52	12.37	9.35	6.41	4.93	3.19	2.33	1.8	9.7	93.3	0.92	38.5	9,229	15.4	3.5	11.9	5.6	4.3	14.0
11.460	81.6	3	12:23 PM	102.6	8460	21.76	16.27	12.35	8.5	6.54	4.24	3.12	2.41	13	93.3	0.92	38.6	9,159	15.3	3.5	11.9	5.5	4.3	14.0
11.460	81.6	4	12:23 PM	102.6	8833	22.88	16.99	12.9	8.9	6.85	4.45	3.23	2.51	14	93.3	0.92	38.8	9,119	15.2	3.5	11.8	5.5	4.3	13.9

11.555	81.2	1	12:24 PM	102.1	6770	18.22	15.06	12.43	9.22	7.19	4.39	3.01	2.31	12	93.0	0.94	40.7	7,113	11.2	4.0	12.5	5.3	4.2	13.3
11.555	81.2	2	12:24 PM	102.1	6606	17.57	14.42	11.91	8.85	6.9	4.21	2.86	2.17	12	93.0	0.93	40.3	7,227	11.5	4.0	12.6	5.3	4.2	13.4
11.555	81.2	3	12:24 PM	102.1	8460	23.5	19.31	15.98	11.92	9.32	5.73	3.96	3.08	16	93.0	0.94	41.9	6,862	10.8	3.9	12.3	5.2	4.2	12.9
11.555	81.2	4	12:24 PM	102.1	8877	24.69	20.25	16.75	12.5	9.78	6	4.17	3.24	17	93.0	0.94	41.9	6,860	10.8	3.9	12.3	5.2	4.2	12.9
11.648	80.2	1	12:25 PM	103.1	6200	46.33	28.37	17.17	9.81	6.98	4.15	2.92	2.24	18	93.7	0.93	101.0	4,704	6.9	1.5	5.9	4.3	3.6	5.3
11.648	80.2	2	12:25 PM	103.1	6233	44.6	27.49	17.08	9.96	7.12	4.22	2.97	2.29	18	93.7	0.93	97.0	4,768	7.0	1.7	6.1	4.3	3.6	5.6
11.648	80.2	3	12:25 PM	103.1	8109	57.13	36.23	22.66	13.28	9.48	5.64	3.97	3.04	24	93.7	0.94	95.8	4,746	7.0	1.7	6.2	4.3	3.6	5.6
11.648	80.2	4	12:25 PM	103.1	8647	60.94	38.74	24.32	14.24	10.22	6.07	4.28	3.27	26	93.7	0.94	95.8	4,718	6.9	1.7	6.2	4.3	3.6	5.6
11.740	79.8	1	12:26 PM	101.0	6211	25.08	19.31	13.58	7.61	5.45	3.29	2.39	2.04	13	92.3	0.93	57.4	7,142	11.3	2.6	8.9	5.0	4.0	9.4
11.740	79.8	2	12:26 PM	101.0	6266	24.19	18.9	13.35	7.7	5.57	3.39	2.47	2.07	13	92.3	0.93	55.2	7,222	11.4	2.8	9.2	5.1	4.0	9.8
11.740	79.8	3	12:26 PM	101.0	8219	31.65	24.69	17.44	10.18	7.38	4.44	3.24	2.66	17	92.3	0.93	55.1	7,187	11.4	2.8	9.2	5.1	4.0	9.8
11.740	79.8	4	12:26 PM	101.0	8822	33.93	26.38	18.65	10.9	7.88	4.69	3.4	2.78	19	92.3	0.93	55.0	7,214	11.4	2.8	9.2	5.1	4.0	9.8
11.838	80.3	1	12:27 PM	102.2	6430	25.25	20.18	16.25	11.54	8.81	5.44	3.82	2.99	16	93.2	0.95	57.1	5,366	8.1	3.4	9.9	4.7	3.9	9.5
11.838	80.3	2	12:27 PM	102.2	6507	24.66	19.61	15.85	11.35	8.73	5.44	3.85	3.03	16	93.2	0.95	55.3	5,519	8.3	3.4	10.2	4.8	3.9	9.8
11.838	80.3	3	12:27 PM	102.2	8416	32.84	26.06	21.02	15.11	11.57	7.2	5.06	3.97	21	93.2	0.95	56.8	5,380	8.1	3.4	10.0	4.7	3.9	9.5
11.838	80.3	4	12:27 PM	102.2	8866	34.84	27.63	22.3	16.04	12.3	7.63	5.38	4.24	23	93.2	0.95	57.1	5,334	8.0	3.4	9.9	4.7	3.9	9.5
11.927	79.2	1	12:28 PM	101.8	6309	24.61	17.67	12.48	7.67	5.52	3.14	1.89	1.22	12	92.9	0.92	55.3	7,260	11.5	2.7	9.2	5.1	4.0	9.8
11.927	79.2	2	12:28 PM	101.8	6397	23.56	17.07	12.14	7.5	5.42	3.07	1.86	1.23	12	92.9	0.92	52.4	7,575	12.1	2.8	9.5	5.1	4.1	10.3
11.927	79.2	3	12:28 PM	101.8	8296	31.3	22.47	16.15	10.1	7.31	4.11	2.48	1.62	17	92.9	0.92	53.7	7,329	11.6	2.8	9.4	5.1	4.1	10.1
11.927	79.2	4	12:28 PM	101.8	8888	33.72	24.24	17.48	10.97	7.95	4.46	2.68	1.74	18	92.9	0.92	53.9	7,248	11.5	2.8	9.4	5.1	4.0	10.0
12.027	79.5	1	12:29 PM	102.1	6375	37.56	24.47	16.84	9.56	6.38	3.6	2.47	1.8	17	93.1	0.93	80.5	5,606	8.5	2.0	6.9	4.6	3.7	6.7
12.027	79.5	2	12:29 PM	102.1	6309	34.46	23.3	16.22	9.35	6.31	3.56	2.44	1.8	16	93.1	0.93	75.1	5,809	8.8	2.1	7.3	4.6	3.8	7.2
12.027	79.5	3	12:29 PM	102.1	8208	44.76	30.58	21.44	12.48	8.43	4.77	3.26	2.39	22	93.1	0.93	75.1	5,730	8.7	2.2	7.4	4.6	3.8	7.2
12.027	79.5	4	12:29 PM	102.1	8833	48.09	32.94	23.16	13.56	9.2	5.27	3.63	2.52	24	93.1	0.93	75.1	5,691	8.6	2.2	7.4	4.6	3.8	7.2
12.125	78.4	1	12:30 PM	99.2	6375	11.42	7.75	5.24	3.34	2.33	1.24	0.72	0.51	5.3	91.2	0.89	28.0	16,688	32.0	3.2	12.4	6.3	4.8	19.3
12.125	78.4	2	12:30 PM	99.2	6496	11.16	7.53	5.13	3.29	2.31	1.22	0.71	0.49	5.2	91.2	0.89	27.0	17,260	33.3	3.2	12.6	6.4	4.8	20.0
12.125	78.4	3	12:30 PM	99.2	8625	14.2	9.6	6.59	4.24	2.98	1.59	0.92	0.67	6.7	91.2	0.89	26.1	17,870	34.8	3.2	12.8	6.4	4.9	20.7
12.125	78.4	4	12:30 PM	99.2	8954	14.76	9.88	6.78	4.37	3.06	1.63	0.95	0.66	7	91.2	0.89	26.2	17,972	35.1	3.2	12.8	6.4	4.9	20.6
12.215	79.3	1	12:32 PM	101.7	6562	11.54	7.5	5.23	3.32	2.46	1.45	0.97	0.7	5.3	92.9	0.88	27.3	16,581	31.7	3.3	12.8	6.3	4.8	19.8
12.215	79.3	2	12:32 PM	101.7	6584	10.89	7.16	4.94	3.17	2.37	1.41	0.95	0.69	5.1	92.9	0.88	26.0	17,422	33.7	3.3	13.1	6.4	4.9	20.8
12.215	79.3	3	12:32 PM	101.7	8713	14.65	9.61	6.67	4.23	3.09	1.82	1.22	0.89	6.8	92.9	0.88	26.3	17,447	33.8	3.3	12.9	6.4	4.9	20.5
12.215	79.3	4	12:32 PM	101.7	9031	15.43	9.94	6.91	4.39	3.21	1.87	1.25	0.92	7.1	92.9	0.88	26.6	17,305	33.4	3.3	12.8	6.4	4.8	20.3
12.311	79.1	1	12:33 PM	102.4	6529	10.99	7.17	5.03	3.2	2.31	1.28	0.76	0.52	5	93.4	0.87	26.1	17,463	33.8	3.3	13.0	6.4	4.9	20.7
12.311	79.1	2	12:33 PM	102.4	6628	11.02	6.93	4.91	3.16	2.28	1.27	0.77	0.52	5	93.4	0.87	25.8	17,838	34.7	3.3	13.0	6.4	4.9	20.9
12.311	79.1	3	12:33 PM	102.4	8778	14.26	8.94	6.28	4.04	2.92	1.62	0.98	0.67	6.5	93.4	0.87	25.3	18,365	36.0	3.3	13.1	6.5	4.9	21.4
12.311	79.1	4	12:33 PM	102.4	8998	14.79	9.17	6.44	4.15	2.99	1.67	1	0.68	6.6	93.4	0.87	25.5	18,280	35.8	3.3	13.0	6.5	4.9	21.2
12.410	79.9	1	12:34 PM	97.7	6485	17.37	10.67	6.91	4.19	2.98	1.72	1.17	0.91	7.1	90.3	0.91	39.6	12,266	21.8	2.6	10.2	5.8	4.4	13.6
12.410	79.9	2	12:34 PM	97.7	6496	16.21	10.14	6.65	4.09	2.93	1.73	1.17	0.93	6.9	90.3	0.91	37.3	12,804	23.0	2.8	10.6	5.9	4.5	14.5
12.410	79.9	3	12:34 PM	97.7	8504	21.2	13.43	8.96	5.59	4.01	2.34	1.59	1.24	9.4	90.3	0.91	37.3	12,505	22.3	2.8	10.7	5.8	4.5	14.5
12.410	79.9	4	12:34 PM	97.7	8899	22.25	14.04	9.41	5.89	4.23	2.48	1.68	1.31	9.9	90.3	0.92	37.5	12,434	22.2	2.8	10.7	5.8	4.5	14.4
12.501	78.8	1	12:35 PM	97.1	6320	19.44	12.48	8.37	5.11	3.77	2.26	1.52	1.12	8.2	89.9	0.93	45.2	9,997	17.0	2.7	9.8	5.5	4.3	11.9
12.501	78.8	2	12:35 PM	97.1	6353	19.1	11.96	8.06	5	3.7	2.22	1.51	1.1	8	89.9	0.93	44.3	10,235	17.5	2.7	9.9	5.5	4.3	12.2
12.501	78.8	3	12:35 PM	97.1	8449	25.28	16.17	10.98	6.89	5.11	3.08	2.07	1.55	11	89.9	0.93	44.2	10,043	17.1	2.8	10.0	5.5	4.3	12.2
12.501	78.8	4	12:35 PM	97.1	8811	26.24	16.86	11.51	7.26	5.4	3.28	2.22	1.68	12	89.9	0.93	44.0	9,990	17.0	2.8	10.0	5.5	4.3	12.3

12.599	78.7	1	12:35 PM	96.8	6189	25.63	14.97	9.18	5.3	3.77	2.18	1.41	0.96	9.5	89.7	0.93	58.6	8,594	14.1	2.1	8.0	5.2	4.1	9.2
12.599	78.7	2	12:35 PM	96.8	6353	24.88	14.64	9.05	5.28	3.78	2.21	1.45	1	9.5	89.7	0.93	55.8	8,939	14.8	2.2	8.3	5.2	4.1	9.7
12.599	78.7	3	12:35 PM	96.8	8318	32.15	19.26	11.97	6.96	4.97	2.9	1.88	1.3	13	89.7	0.93	55.1	8,976	14.9	2.2	8.4	5.3	4.1	9.8
12.599	78.7	4	12:35 PM	96.8	8756	33.73	20.37	12.69	7.41	5.3	3.09	2	1.4	13	89.7	0.93	55.0	8,931	14.8	2.2	8.4	5.3	4.1	9.8
12.688	77.2	1	12:36 PM	97.8	6298	17.91	9.09	5.25	3.18	2.44	1.61	1.23	0.99	5.4	90.4	0.91	41.5	13,012	23.5	2.3	9.4	5.8	4.4	13.0
12.688	77.2	2	12:36 PM	97.8	6386	17.43	8.92	5.2	3.18	2.45	1.63	1.23	0.99	5.4	90.4	0.91	40.1	13,344	24.2	2.4	9.6	5.8	4.5	13.5
12.688	77.2	3	12:36 PM	97.8	8383	22.38	11.67	6.85	4.19	3.2	2.11	1.62	1.3	7.1	90.4	0.91	39.3	13,525	24.6	2.4	9.8	5.9	4.5	13.7
12.688	77.2	4	12:36 PM	97.8	8844	23.42	12.31	7.25	4.44	3.39	2.23	1.71	1.37	7.5	90.4	0.91	39.1	13,550	24.7	2.4	9.8	5.9	4.5	13.8
12.780	77.9	1	12:37 PM	97.3	6222	21.01	11.91	7.19	4.14	2.91	1.69	1.13	0.84	7.4	90.1	0.92	48.3	10,866	18.8	2.2	8.8	5.5	4.3	11.2
12.780	77.9	2	12:37 PM	97.3	6386	20.35	11.63	7	4.06	2.87	1.69	1.14	0.85	7.4	90.1	0.91	45.9	11,410	20.0	2.3	9.1	5.6	4.3	11.8
12.780	77.9	3	12:37 PM	97.3	8394	26.33	15.38	9.37	5.4	3.85	2.28	1.57	1.17	9.8	90.1	0.92	45.4	11,381	19.9	2.3	9.2	5.6	4.3	11.9
12.780	77.9	4	12:37 PM	97.3	8866	27.51	16.25	9.94	5.74	4.12	2.44	1.66	1.24	10	90.1	0.92	45.0	11,365	19.9	2.4	9.3	5.6	4.3	12.0
12.875	77.4	1	12:38 PM	98.1	6145	20.95	13.65	9.25	5.41	3.65	1.88	1.22	0.91	9.5	90.6	0.92	48.8	9,558	16.1	2.5	9.2	5.4	4.2	11.1
12.875	77.4	2	12:38 PM	98.1	6298	20.58	13.34	9.16	5.44	3.72	1.94	1.25	0.93	9.6	90.6	0.92	47.0	9,778	16.5	2.6	9.5	5.4	4.2	11.5
12.875	77.4	3	12:38 PM	98.1	8361	26.65	17.43	11.81	7.02	4.8	2.49	1.61	1.22	12	90.6	0.92	46.0	10,044	17.1	2.6	9.6	5.5	4.3	11.8
12.875	77.4	4	12:38 PM	98.1	8866	28.15	18.4	12.48	7.43	5.09	2.65	1.73	1.3	13	90.6	0.92	45.8	10,061	17.1	2.6	9.6	5.5	4.3	11.8
12.972	78.6	1	12:39 PM	99.4	6288	17.07	10.33	6.76	4.15	3.1	1.93	1.4	1.14	6.9	91.5	0.91	39.9	11,739	20.7	2.7	10.3	5.7	4.4	13.5
12.972	78.6	2	12:39 PM	99.4	6320	16.35	9.92	6.48	4.08	3.06	1.93	1.42	1.13	6.7	91.5	0.91	38.3	12,121	21.5	2.8	10.6	5.8	4.5	14.1
12.972	78.6	3	12:39 PM	99.4	8350	21.07	12.96	8.57	5.46	4.11	2.61	1.93	1.54	8.8	91.5	0.91	37.6	12,147	21.6	2.9	10.8	5.8	4.5	14.4
12.972	78.6	4	12:39 PM	99.4	8943	22.43	13.77	9.13	5.81	4.39	2.79	2.04	1.65	9.4	91.5	0.91	37.4	12,198	21.7	2.9	10.8	5.8	4.5	14.5
13.070	79.2	1	12:40 PM	100.9	6298	17.29	10.98	7.35	4.62	3.41	2.18	1.67	1.37	7.6	92.6	0.91	40.2	11,098	19.3	2.9	10.5	5.7	4.4	13.4
13.070	79.2	2	12:40 PM	100.9	6353	16.47	10.58	7.13	4.52	3.37	2.19	1.68	1.38	7.4	92.6	0.91	38.3	11,513	20.2	2.9	10.8	5.7	4.4	14.1
13.070	79.2	3	12:40 PM	100.9	8372	21.47	13.91	9.45	6.01	4.46	2.86	2.2	1.82	9.8	92.6	0.91	37.9	11,540	20.2	3.0	10.9	5.8	4.4	14.2
13.070	79.2	4	12:40 PM	100.9	8822	22.52	14.66	9.99	6.34	4.71	3	2.32	1.94	10	92.6	0.91	37.8	11,548	20.3	3.0	11.0	5.8	4.4	14.3

BIA 27-20


Eff. Structural Number
Eff. R-value
Test Location, miles
Eff. G.E.
Eff. R-value
0
1
2
3
4
5
6
7
8
9
10
0
10
20
30
40
50
60
70
80
5.0
6.0
7.0
8.0
9.0
10.0
11.0
12.0
13.0
14.0


BIA 27-20
Allowable Spring Axle Load, Tons
25
20
15
10
5
0
5.0
6.0
7.0
8.0
9.0
10.0
11.0
12.0
13.0
14.0
Test Location, miles
AASHTO
TONN

County:	Shannon County SD
Date Tested:	6/20/2008
Julian:	172
Highway	BIA 27-30
From:	13.1 Mi N of US 18
To:	22.0 Mi N of US 18
Dir	NB
Prev Day Temp	80 °F
Bit. Thickness	4.1 inches
Daily ESALs	22.5
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	209,786
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.43

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	1500
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.06
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.06
	19.61	13.26	9.43	6.12	4.47	2.64	1.85	1.45
		0.68	0.48	0.31	0.23	0.13	0.09	0.07

1.3

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

Summary of Analysis Results								
					Axle Load for Design Defl. Tons			
	$_{R}BB_{50}$ mils	Esg psi	Eff. R-val	E.G.E. inches	AASHTO	S.F	Inv. 183	TONN Tons
Avg. =	37.0	11,952	21.6	3.3	12.4	6.0	4.6	16.0
Median =	36.63	10,600	18.2	3.2	12.2	5.9	4.6	14.7
Std.Dev. =	11.65	4,664	10.9	0.6	2.4	0.5	0.3	4.9
85th % =	24.33	8,030	13.0	2.7	9.8	5.6	4.3	11.2

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values G.E., in.	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
13.070	79.2	1	12:40 PM	100.9	6298	17.29	10.98	7.35	4.62	3.41	2.18	1.67	1.37	7.56	92.6	0.91	40.2	11,098	19.3	2.9	10.8	5.9	4.5	13.4
13.070	79.2	2	12:40 PM	100.9	6353	16.47	10.58	7.13	4.52	3.37	2.19	1.68	1.38	7.38	92.6	0.91	38.3	11,513	20.2	2.9	11.1	6.0	4.6	14.1
13.070	79.2	3	12:40 PM	100.9	8372	21.47	13.91	9.45	6.01	4.46	2.86	2.2	1.82	9.82	92.6	0.91	37.9	11,540	20.2	3.0	11.2	6.0	4.6	14.2
13.070	79.2	4	12:40 PM	100.9	8822	22.52	14.66	9.99	6.34	4.71	3	2.32	1.94	10.4	92.6	0.91	37.8	11,548	20.3	3.0	11.3	6.0	4.6	14.3
13.162	79.7	1	12:41 PM	100.2	6518	9.99	6.03	4.31	2.92	2.2	1.39	0.93	0.69	4.34	92.1	0.89	24.7	18,673	36.8	3.3	13.6	6.7	5.1	21.8
13.162	79.7	2	12:41 PM	100.2	6573	9.79	5.76	4.12	2.82	2.13	1.35	0.92	0.68	4.19	92.1	0.89	24.2	19,350	38.4	3.3	13.6	6.8	5.1	22.3
13.162	79.7	3	12:41 PM	100.2	8691	13	7.78	5.49	3.68	2.73	1.72	1.17	0.87	5.67	92.1	0.88	24.2	19,661	39.2	3.3	13.5	6.8	5.1	22.3
13.162	79.7	4	12:41 PM	100.2	8998	13.31	8.06	5.7	3.83	2.85	1.78	1.2	0.9	5.91	92.1	0.88	24.0	19,663	39.2	3.3	13.6	6.8	5.1	22.5
13.258	79.9	1	12:42 PM	102.2	6408	8.98	5.98	4.31	2.77	1.97	1.09	0.7	0.54	4.34	93.5	0.86	22.5	20,469	41.2	3.4	14.2	6.9	5.2	24.0
13.258	79.9	2	12:42 PM	102.2	6551	8.8	5.8	4.2	2.72	1.94	1.09	0.7	0.53	4.3	93.5	0.86	21.8	21,292	43.3	3.4	14.4	6.9	5.2	24.7
13.258	79.9	3	12:42 PM	102.2	8636	11.43	7.39	5.37	3.49	2.51	1.41	0.91	0.68	5.51	93.5	0.86	21.6	21,659	44.3	3.4	14.4	6.9	5.2	25.0
13.258	79.9	4	12:42 PM	102.2	8943	11.67	7.64	5.56	3.61	2.61	1.46	0.95	0.71	5.74	93.5	0.86	21.4	21,736	44.5	3.5	14.5	6.9	5.3	25.3
13.350	80	1	12:43 PM	103.6	6057	24.26	14.56	9.26	5.33	3.79	2.08	1.28	0.89	9.75	94.4	0.89	54.8	8,615	14.2	2.3	8.9	5.5	4.2	9.9
13.350	80	2	12:43 PM	103.6	6167	23.28	14.07	9.01	5.3	3.73	2.14	1.27	0.77	9.47	94.4	0.89	52.0	9,021	15.0	2.4	9.1	5.5	4.3	10.4
13.350	80	3	12:43 PM	103.6	8065	29.76	18.35	11.74	6.92	4.93	2.72	1.71	1.28	12.4	94.4	0.89	50.9	9,070	15.1	2.5	9.3	5.6	4.3	10.6
13.350	80	4	12:43 PM	103.6	8713	31.63	19.8	12.71	7.5	5.29	2.98	1.81	1.29	13.3	94.4	0.89	50.2	9,172	15.3	2.5	9.4	5.6	4.3	10.7
13.448	79.4	1	12:44 PM	102.9	6288	14.33	9.54	6.57	4	2.85	1.52	0.91	0.6	6.7	94.0	0.88	33.3	13,305	24.1	3.1	11.9	6.2	4.7	16.2
13.448	79.4	2	12:44 PM	102.9	6364	13.63	9.16	6.38	3.94	2.82	1.52	0.93	0.61	6.59	94.0	0.88	31.7	13,849	25.4	3.2	12.3	6.3	4.8	17.0
13.448	79.4	3	12:44 PM	102.9	8416	17.74	11.5	8.07	5	3.57	1.93	1.16	0.78	8.36	94.0	0.88	31.2	14,292	26.4	3.2	12.3	6.3	4.8	17.3
13.448	79.4	4	12:44 PM	102.9	8965	19.1	12.12	8.52	5.28	3.79	2.05	1.23	0.82	8.89	94.0	0.88	31.5	14,251	26.3	3.1	12.2	6.3	4.8	17.2
13.542	80.5	1	12:45 PM	103.3	6353	14.25	9.09	5.93	3.49	2.35	1.22	0.72	0.52	6.04	94.3	0.86	32.3	14,957	27.9	2.9	11.6	6.3	4.8	16.7
13.542	80.5	2	12:45 PM	103.3	6430	13.59	8.61	5.63	3.36	2.26	1.17	0.72	0.49	5.88	94.3	0.86	30.7	15,803	29.9	2.9	11.9	6.4	4.8	17.6
13.542	80.5	3	12:45 PM	103.3	8504	16.73	10.72	7.11	4.26	2.89	1.51	0.92	0.65	7.43	94.3	0.86	29.0	16,639	31.8	3.0	12.3	6.5	4.9	18.6
13.542	80.5	4	12:45 PM	103.3	8844	17.19	11.04	7.32	4.41	2.98	1.57	0.96	0.66	7.69	94.3	0.86	28.7	16,810	32.3	3.0	12.3	6.5	4.9	18.8
13.637	81.8	1	12:46 PM	102.1	6617	9.09	5.55	3.52	1.98	1.33	0.66	0.39	0.26	3.62	93.5	0.84	21.5	25,976	55.6	3.0	13.1	7.0	5.3	25.1

13.637	81.8	2	12:46 PM	102.1	6485	8.64	5.29	3.39	1.93	1.3	0.65	0.37	0.26	3.52	93.5	0.84	21.0	26,405	56.8	3.0	13.3	7.1	5.4	25.7
13.637	81.8	3	12:46 PM	102.1	8636	10.45	6.61	4.29	2.47	1.67	0.85	0.5	0.34	4.49	93.5	0.84	19.6	28,181	61.6	3.1	13.8	7.2	5.4	27.5
13.637	81.8	4	12:46 PM	102.1	8965	10.82	6.8	4.42	2.55	1.72	0.88	0.52	0.36	4.62	93.5	0.84	19.6	28,333	62.0	3.1	13.8	7.2	5.5	27.6
13.739	82	1	12:47 PM	101.2	6320	13.83	9.54	6.7	4.07	2.78	1.42	0.9	0.69	6.54	92.9	0.88	32.4	13,776	25.2	3.1	12.0	6.3	4.7	16.6
13.739	82	2	12:47 PM	101.2	6408	13.2	9.09	6.44	3.98	2.72	1.39	0.87	0.68	6.37	92.9	0.88	30.9	14,432	26.7	3.2	12.4	6.3	4.8	17.5
13.739	82	3	12:47 PM	101.2	8515	17.03	11.52	8.21	5.09	3.49	1.78	1.11	0.85	8.13	92.9	0.88	30.1	14,910	27.8	3.2	12.5	6.4	4.8	18.0
13.739	82	4	12:47 PM	101.2	8899	17.75	11.89	8.49	5.27	3.6	1.84	1.16	0.87	8.46	92.9	0.88	30.0	15,037	28.1	3.2	12.5	6.4	4.8	18.0
13.828	81.7	1	12:48 PM	100.3	6672	9.77	6.43	4.7	3.04	2.24	1.29	0.86	0.66	4.78	92.3	0.88	23.7	19,089	37.8	3.4	14.0	6.8	5.1	22.7
13.828	81.7	2	12:48 PM	100.3	6606	9.25	5.98	4.41	2.89	2.13	1.24	0.84	0.63	4.98	92.3	0.88	22.9	19,913	39.6	3.4	14.2	6.8	5.2	23.5
13.828	81.7	3	12:48 PM	100.3	8734	11.98	7.66	5.55	3.69	2.71	1.61	1.09	0.83	5.7	92.3	0.88	22.6	20,543	41.4	3.4	14.2	6.9	5.2	23.9
13.828	81.7	4	12:48 PM	100.3	9086	12.33	7.94	5.73	3.81	2.81	1.65	1.13	0.85	5.89	92.3	0.88	22.4	20,672	41.8	3.4	14.2	6.9	5.2	24.1
13.922	81.8	1	12:49 PM	99.1	6606	9.98	6.63	4.53	3	2.24	1.32	0.87	0.66	4.61	91.5	0.89	24.5	18,735	36.9	3.3	13.7	6.7	5.1	22.0
13.922	81.8	2	12:49 PM	99.1	6595	9.31	6.06	4.2	2.82	2.16	1.3	0.83	0.6	4.37	91.5	0.89	23.3	19,664	39.2	3.4	14.0	6.8	5.1	23.1
13.922	81.8	3	12:49 PM	99.1	8691	13.05	8.18	5.62	3.74	2.74	1.62	1.11	0.84	5.72	91.5	0.89	24.3	19,588	39.0	3.3	13.5	6.8	5.1	22.2
13.922	81.8	4	12:49 PM	99.1	8910	13.11	8.34	5.81	3.94	2.76	1.63	1.15	0.85	5.84	91.5	0.89	24.0	19,960	40.0	3.3	13.5	6.8	5.1	22.5
14.014	81.5	1	12:50 PM	98.1	6606	8	5.04	3.32	1.76	1.11	0.51	0.32	0.21	3.41	90.9	0.85	20.1	30,271	67.4	2.8	12.9	7.2	5.5	26.9
14.014	81.5	2	12:50 PM	98.1	6595	7.85	4.9	3.26	1.74	1.11	0.52	0.33	0.25	3.4	90.9	0.86	19.9	30,504	68.1	2.8	13.0	7.2	5.5	27.2
14.014	81.5	3	12:50 PM	98.1	8570	9.83	6.17	4.13	2.23	1.43	0.66	0.43	0.32	4.34	90.9	0.85	19.4	31,203	70.0	2.9	13.2	7.2	5.5	27.9
14.014	81.5	4	12:50 PM	98.1	8965	10.23	6.44	4.33	2.34	1.5	0.7	0.44	0.33	4.54	90.9	0.86	19.3	31,239	70.1	2.9	13.3	7.2	5.5	28.0
14.110	80.8	1	12:51 PM	98.7	6551	9.05	5.7	4.13	2.72	2.04	1.24	0.87	0.69	4.16	91.3	0.89	23.0	20,438	41.2	3.4	14.0	6.8	5.2	23.5
14.110	80.8	2	12:51 PM	98.7	6628	8.56	5.43	3.94	2.62	1.97	1.24	0.8	0.45	3.98	91.3	0.89	21.9	21,596	44.1	3.4	14.2	6.9	5.2	24.7
14.110	80.8	3	12:51 PM	98.7	8724	11.39	7.3	5.31	3.47	2.54	1.56	1.09	0.78	5.3	91.3	0.89	22.0	21,761	44.5	3.4	14.1	6.9	5.2	24.5
14.110	80.8	4	12:51 PM	98.7	9119	11.82	7.64	5.6	3.67	2.68	1.62	1.14	0.82	5.56	91.3	0.89	21.9	21,707	44.4	3.4	14.2	6.9	5.2	24.7
14.210	80.9	1	12:53 PM	100.9	6430	7.22	4.96	3.57	2.35	1.76	1.04	0.63	0.43	3.67	92.8	0.87	19.4	24,001	50.3	3.6	15.2	7.1	5.4	27.9
14.210	80.9	2	12:53 PM	100.9	6518	6.85	4.76	3.49	2.34	1.76	1.03	0.64	0.43	3.59	92.8	0.87	18.5	24,827	52.5	3.7	15.6	7.2	5.4	29.2
14.210	80.9	3	12:53 PM	100.9	8691	8.8	5.97	4.39	3	2.24	1.29	0.8	0.55	4.55	92.8	0.86	18.0	25,918	55.4	3.7	15.7	7.2	5.5	30.0
14.210	80.9	4	12:53 PM	100.9	9140	9.03	6.2	4.52	3.02	2.3	1.42	0.84	0.58	4.72	92.8	0.87	17.7	26,555	57.2	3.6	15.7	7.2	5.5	30.4
14.305	81.4	1	12:54 PM	100.9	6474	9.74	6.69	4.77	2.97	2.13	1.15	0.76	0.54	4.74	92.9	0.87	24.0	19,101	37.8	3.4	13.8	6.8	5.1	22.5
14.305	81.4	2	12:54 PM	100.9	6353	9.15	6.28	4.55	2.87	2.07	1.13	0.73	0.52	4.57	92.9	0.87	23.2	19,564	39.0	3.4	14.1	6.8	5.1	23.3
14.305	81.4	3	12:54 PM	100.9	8548	11.74	8.07	5.89	3.76	2.71	1.48	0.98	0.7	5.89	92.9	0.87	22.4	20,273	40.7	3.5	14.4	6.9	5.2	24.1
14.305	81.4	4	12:54 PM	100.9	8965	12.33	8.36	6.11	3.91	2.82	1.54	1.02	0.72	6.09	92.9	0.87	22.4	20,355	41.0	3.5	14.3	6.9	5.2	24.1
14.395	81.6	1	12:55 PM	100.2	6167	12.93	8.46	5.84	3.82	2.83	1.71	1.2	0.86	6.1	92.4	0.90	31.9	13,699	25.0	3.2	12.3	6.3	4.8	16.9
14.395	81.6	2	12:55 PM	100.2	6342	12.86	8.4	5.84	3.89	2.89	1.73	1.11	0.85	6.04	92.4	0.90	31.0	13,950	25.6	3.2	12.5	6.3	4.8	17.4
14.395	81.6	3	12:55 PM	100.2	8328	17	11.2	7.79	5.17	3.86	2.28	1.58	1.17	8	92.4	0.90	31.2	13,774	25.2	3.3	12.5	6.3	4.8	17.3
14.395	81.6	4	12:55 PM	100.2	8800	17.99	11.83	8.28	5.49	4.09	2.45	1.7	1.27	8.6	92.4	0.90	31.2	13,743	25.1	3.2	12.5	6.3	4.8	17.3
14.489	81.9	1	12:56 PM	101.4	6452	12.23	7.84	5.47	3.53	2.46	1.5	1.05	0.78	5.53	93.2	0.88	28.9	15,897	30.1	3.2	12.6	6.5	4.9	18.7
14.489	81.9	2	12:56 PM	101.4	6485	11.22	7.49	5.23	3.39	2.5	1.56	1.03	0.78	5.3	93.2	0.88	27.0	16,430	31.3	3.3	13.3	6.5	5.0	20.0
14.489	81.9	3	12:56 PM	101.4	8548	15.21	10.11	7.17	4.61	3.3	2	1.31	0.98	7.17	93.2	0.88	27.5	16,223	30.9	3.3	13.1	6.5	4.9	19.6
14.489	81.9	4	12:56 PM	101.4	8855	15.55	10.47	7.38	4.79	3.43	2.09	1.4	1.02	7.43	93.2	0.88	27.3	16,283	31.0	3.3	13.2	6.5	4.9	19.8
14.586	80.8	1	12:57 PM	102.5	6375	11.8	7.98	5.47	3.48	2.44	1.3	0.84	0.65	5.54	94.0	0.87	27.9	16,029	30.4	3.3	13.0	6.5	4.9	19.3
14.586	80.8	2	12:57 PM	102.5	6397	11.07	7.49	5.23	3.38	2.39	1.28	0.83	0.64	5.31	94.0	0.87	26.5	16,729	32.1	3.4	13.4	6.6	5.0	20.4
14.586	80.8	3	12:57 PM	102.5	8559	15.01	10.05	6.83	4.41	3.1	1.65	1.07	0.8	6.98	94.0	0.87	26.7	16,929	32.5	3.3	13.2	6.6	5.0	20.2
14.586	80.8	4	12:57 PM	102.5	9053	15.69	10.64	7.24	4.65	3.26	1.73	1.12	0.85	7.35	94.0	0.87	26.5	17,072	32.9	3.3	13.3	6.6	5.0	20.4
14.677	79.9	1	12:58 PM	102.3	6320	15.15	9.8	6.83	4.18	2.94	1.65	1.14	0.87	6.94	93.9	0.88	34.9	12,824	23.1	3.0	11.6	6.1	4.7	15.5
14.677	79.9	2	12:58 PM	102.3	6441	14.55	9.37	6.64	4.13	2.95	1.67	1.14	0.87	6.8	93.9	0.88	33.3	13,280	24.1	3.1	12.0	6.2	4.7	16.2

14.677	79.9	3	12:58 PM	102.3	8515	19.04	12.56	8.77	5.37	3.81	2.15	1.45	1.11	8.94	93.9	0.88	32.9	13,515	24.6	3.1	12.0	6.2	4.7	16.4
14.677	79.9	4	12:58 PM	102.3	8877	19.67	13.13	9.2	5.65	3.99	2.24	1.53	1.18	9.39	93.9	0.88	32.7	13,535	24.6	3.1	12.1	6.2	4.7	16.5
14.769	80.3	1	12:59 PM	101.7	6222	17.03	11.13	7.43	4.34	2.99	1.7	1.15	0.91	7.64	93.5	0.89	39.2	11,856	20.9	2.8	10.7	6.0	4.6	13.8
14.769	80.3	2	12:59 PM	101.7	6266	16.16	10.61	7.19	4.28	2.97	1.7	1.15	0.9	7.49	93.5	0.89	37.3	12,277	21.8	2.9	11.1	6.0	4.6	14.5
14.769	80.3	3	12:59 PM	101.7	8361	21.87	14.15	9.43	5.62	3.89	2.21	1.49	1.17	9.8	93.5	0.89	37.7	12,322	21.9	2.8	10.9	6.0	4.6	14.3
14.769	80.3	4	12:59 PM	101.7	8811	23.17	14.98	10.02	5.95	4.13	2.35	1.59	1.22	10.4	93.5	0.89	37.9	12,242	21.8	2.8	10.9	6.0	4.6	14.3
14.862	80.5	1	1:00 PM	103.5	6353	15.11	9.9	6.84	4.41	3.39	2.32	1.81	1.52	7.02	94.8	0.90	35.2	11,905	21.0	3.2	11.9	6.1	4.6	15.4
14.862	80.5	2	1:00 PM	103.5	6298	14.36	9.27	6.48	4.22	3.27	2.26	1.76	1.48	6.7	94.8	0.89	33.9	12,311	21.9	3.2	12.2	6.1	4.7	15.9
14.862	80.5	3	1:00 PM	103.5	8449	18.75	12.26	8.65	5.73	4.42	3.06	2.36	1.96	8.98	94.8	0.89	33.2	12,391	22.1	3.3	12.4	6.2	4.7	16.2
14.862	80.5	4	1:00 PM	103.5	9009	19.83	13.01	9.21	6.1	4.72	3.26	2.53	2.07	9.56	94.8	0.89	33.0	12,420	22.2	3.3	12.4	6.2	4.7	16.4
14.962	80.6	1	1:02 PM	103.8	6189	23.31	14.94	10	5.7	3.83	2.04	1.54	1.26	9.72	95.0	0.89	51.5	8,924	14.8	2.5	9.3	5.5	4.3	10.5
14.962	80.6	2	1:02 PM	103.8	6255	22	14.01	9.45	5.45	3.68	2.03	1.52	1.25	9.37	95.0	0.89	48.5	9,466	15.9	2.6	9.6	5.6	4.3	11.1
14.962	80.6	3	1:02 PM	103.8	8427	29.56	19.2	12.9	7.48	5.05	2.83	2.1	1.73	12.9	95.0	0.89	48.5	9,387	15.7	2.6	9.6	5.6	4.3	11.1
14.962	80.6	4	1:02 PM	103.8	8789	30.87	19.99	13.48	7.82	5.28	2.94	2.19	1.8	13.5	95.0	0.89	48.5	9,369	15.7	2.6	9.6	5.6	4.3	11.1
15.052	81.5	1	1:03 PM	103.5	6277	18.73	12.12	8.45	5.2	3.57	1.95	1.24	0.91	8.63	94.8	0.89	42.0	10,403	17.8	2.8	10.6	5.8	4.5	12.8
15.052	81.5	2	1:03 PM	103.5	6320	17.31	11.43	8.04	5.02	3.47	1.91	1.24	0.93	8.32	94.8	0.88	39.0	11,023	19.1	3.0	11.1	5.9	4.5	13.8
15.052	81.5	3	1:03 PM	103.5	8318	22.71	15.11	10.45	6.46	4.48	2.45	1.61	1.25	10.9	94.8	0.88	38.9	11,156	19.4	3.0	11.1	5.9	4.5	13.9
15.052	81.5	4	1:03 PM	103.5	8822	23.92	16	11.07	6.86	4.75	2.61	1.72	1.37	11.6	94.8	0.88	38.7	11,193	19.5	3.0	11.2	5.9	4.5	14.0
15.145	81.5	1	1:04 PM	103.8	6233	16.75	10.07	6.49	3.94	2.97	2.06	1.67	1.41	6.71	95.0	0.89	38.6	12,012	21.3	2.8	10.8	6.0	4.6	14.0
15.145	81.5	2	1:04 PM	103.8	6386	16.16	9.82	6.43	3.98	3.01	2.08	1.69	1.42	6.74	95.0	0.89	36.7	12,423	22.2	2.9	11.2	6.1	4.6	14.7
15.145	81.5	3	1:04 PM	103.8	8438	20.8	12.97	8.57	5.34	4.02	2.78	2.23	1.88	8.91	95.0	0.89	35.9	12,498	22.3	3.0	11.4	6.1	4.6	15.0
15.145	81.5	4	1:04 PM	103.8	8921	21.69	13.61	9	5.61	4.22	2.91	2.34	1.96	9.39	95.0	0.89	35.5	12,625	22.6	3.0	11.5	6.1	4.7	15.2
15.245	83.3	1	1:05 PM	102.9	6255	20.39	12.09	7.63	4.33	3.09	2.01	1.57	1.33	7.85	94.5	0.89	45.6	10,752	18.6	2.5	9.6	5.8	4.4	11.8
15.245	83.3	2	1:05 PM	102.9	6353	18.98	11.35	7.31	4.29	3.11	2.04	1.59	1.33	7.5	94.5	0.89	42.3	11,267	19.7	2.6	10.2	5.9	4.5	12.8
15.245	83.3	3	1:05 PM	102.9	8383	23.76	14.7	9.6	5.72	4.15	2.71	2.13	1.78	9.78	94.5	0.89	40.5	11,482	20.1	2.7	10.5	5.9	4.5	13.3
15.245	83.3	4	1:05 PM	102.9	8877	24.59	15.34	10.09	6.02	4.38	2.87	2.24	1.9	10.3	94.5	0.89	39.7	11,626	20.4	2.8	10.7	6.0	4.5	13.6
15.338	82.3	1	1:06 PM	103.8	6178	22.1	13.08	8.32	4.82	3.33	1.97	1.43	1.18	8.43	95.1	0.89	49.1	9,827	16.6	2.4	9.3	5.7	4.3	11.0
15.338	82.3	2	1:06 PM	103.8	6353	21.44	12.72	8.11	4.76	3.32	1.98	1.46	1.2	8.34	95.1	0.88	46.6	10,272	17.5	2.5	9.6	5.7	4.4	11.6
15.338	82.3	3	1:06 PM	103.8	8383	27.44	16.74	10.7	6.3	4.43	2.67	1.97	1.64	11	95.1	0.89	45.5	10,363	17.7	2.6	9.8	5.8	4.4	11.9
15.338	82.3	4	1:06 PM	103.8	8844	28.61	17.65	11.33	6.68	4.71	2.84	2.1	1.75	11.7	95.1	0.89	45.0	10,380	17.8	2.6	9.9	5.8	4.4	12.0
15.439	82.2	1	1:08 PM	102.7	6255	16.95	10.39	6.93	4.09	2.89	1.84	1.48	1.25	6.88	94.4	0.89	38.8	12,163	21.6	2.7	10.7	6.0	4.6	13.9
15.439	82.2	2	1:08 PM	102.7	6255	16.48	10	6.65	3.97	2.83	1.85	1.47	1.24	6.61	94.4	0.89	37.9	12,463	22.3	2.8	10.8	6.0	4.6	14.3
15.439	82.2	3	1:08 PM	102.7	8328	21.81	13.48	8.97	5.35	3.85	2.45	1.94	1.64	9.02	94.4	0.89	37.7	12,357	22.0	2.8	10.9	6.0	4.6	14.3
15.439	82.2	4	1:08 PM	102.7	8932	23.37	14.49	9.7	5.79	4.14	2.64	2.08	1.74	9.72	94.4	0.89	37.7	12,344	22.0	2.8	10.9	6.0	4.6	14.3
15.533	81.8	1	1:09 PM	102.2	6255	21.73	13.15	7.98	4.62	3.31	2.14	1.7	1.47	8.16	94.1	0.90	48.5	10,062	17.1	2.4	9.3	5.7	4.4	11.1
15.533	81.8	2	1:09 PM	102.2	6320	20.69	12.61	7.8	4.61	3.33	2.16	1.7	1.46	8.08	94.1	0.90	46.1	10,379	17.8	2.5	9.7	5.7	4.4	11.7
15.533	81.8	3	1:09 PM	102.2	8405	27.47	17.13	10.75	6.37	4.55	2.91	2.29	1.95	11.2	94.1	0.90	46.0	10,241	17.5	2.5	9.8	5.7	4.4	11.7
15.533	81.8	4	1:09 PM	102.2	8866	28.99	18.16	11.42	6.77	4.83	3.07	2.41	2.06	11.9	94.1	0.90	46.0	10,205	17.4	2.6	9.8	5.7	4.4	11.7
15.623	82.5	1	1:10 PM	102.1	6364	20.94	12.42	7.95	4.63	3.38	2.2	1.68	1.39	8.06	94.0	0.90	46.3	10,311	17.6	2.5	9.7	5.7	4.4	11.7
15.623	82.5	2	1:10 PM	102.1	6408	19.9	11.97	7.76	4.57	3.36	2.2	1.67	1.4	7.96	94.0	0.90	44.0	10,669	18.4	2.6	10.0	5.8	4.4	12.3
15.623	82.5	3	1:10 PM	102.1	8416	25.98	15.96	10.5	6.25	4.58	2.97	2.26	1.89	10.8	94.0	0.90	43.9	10,490	18.0	2.7	10.1	5.8	4.4	12.3
15.623	82.5	4	1:10 PM	102.1	8899	27.29	16.9	11.13	6.61	4.84	3.13	2.37	1.96	11.5	94.0	0.90	43.6	10,526	18.1	2.7	10.2	5.8	4.4	12.4
15.726	83.1	1	1:11 PM	102.4	6441	14.26	8.56	5.89	3.91	3.07	2.2	1.73	1.44	6.12	94.3	0.89	33.2	13,097	23.7	3.1	12.1	6.2	4.7	16.3
15.726	83.1	2	1:11 PM	102.4	6408	13.46	8.16	5.71	3.83	3.02	2.17	1.7	1.44	5.94	94.3	0.89	31.8	13,479	24.5	3.2	12.4	6.3	4.8	17.0
15.726	83.1	3	1:11 PM	102.4	8603	17.44	10.86	7.69	5.21	4.1	2.95	2.33	1.94	8.02	94.3	0.90	30.9	13,586	24.8	3.3	12.7	6.3	4.8	17.5

15.726	83.1	4	1:11 PM	102.4	8954	17.78	11.28	8	5.43	4.29	3.07	2.42	2.01	8.33	94.3	0.90	30.4	13,656	24.9	3.4	12.9	6.3	4.8	17.8
15.820	83.5	1	1:12 PM	103.9	6463	12.32	7.46	5.16	3.22	2.34	1.42	0.99	0.75	5.2	95.3	0.86	28.4	16,317	31.1	3.2	12.7	6.5	4.9	19.0
15.820	83.5	2	1:12 PM	103.9	6518	11.78	7.16	4.95	3.14	2.29	1.41	0.99	0.76	5.03	95.3	0.86	27.2	16,991	32.7	3.2	13.0	6.6	5.0	19.9
15.820	83.5	3	1:12 PM	103.9	8581	15.09	9.39	6.56	4.19	3.06	1.89	1.34	1.04	6.67	95.3	0.86	26.7	17,057	32.8	3.3	13.2	6.6	5.0	20.3
15.820	83.5	4	1:12 PM	103.9	8976	15.54	9.81	6.87	4.38	3.2	1.98	1.4	1.09	6.98	95.3	0.86	26.3	17,177	33.1	3.3	13.3	6.6	5.0	20.5
15.913	82.9	1	1:13 PM	104.4	6364	12.02	7.17	4.97	3.12	2.22	1.26	0.8	0.58	5.18	95.7	0.85	27.9	16,721	32.0	3.2	12.7	6.5	4.9	19.4
15.913	82.9	2	1:13 PM	104.4	6584	11.85	7.09	4.98	3.16	2.27	1.29	0.81	0.59	5.23	95.7	0.85	26.8	17,200	33.2	3.2	13.1	6.6	5.0	20.1
15.913	82.9	3	1:13 PM	104.4	8658	15.3	9.21	6.38	4.08	2.93	1.65	1.05	0.76	6.68	95.7	0.85	26.4	17,521	34.0	3.2	13.1	6.6	5.0	20.5
15.913	82.9	4	1:13 PM	104.4	8954	15.81	9.49	6.55	4.18	3	1.7	1.08	0.79	6.9	95.7	0.85	26.4	17,624	34.2	3.2	13.1	6.6	5.0	20.5
16.009	82.7	1	1:14 PM	105.3	6298	15.38	9.78	6.7	4.04	2.91	1.69	1.14	0.87	6.78	96.3	0.87	34.8	12,764	22.9	3.0	11.7	6.1	4.7	15.5
16.009	82.7	2	1:14 PM	105.3	6408	14.42	9.5	6.58	4.02	2.89	1.7	1.13	0.88	6.67	96.3	0.87	32.5	13,418	24.4	3.2	12.2	6.2	4.7	16.6
16.009	82.7	3	1:14 PM	105.3	8504	19.13	12.53	8.8	5.5	3.98	2.32	1.57	1.22	8.95	96.3	0.87	32.6	13,143	23.8	3.2	12.3	6.2	4.7	16.6
16.009	82.7	4	1:14 PM	105.3	8877	19.81	13.08	9.22	5.78	4.19	2.44	1.65	1.27	9.38	96.3	0.87	32.4	13,126	23.7	3.2	12.4	6.2	4.7	16.7
16.102	82.5	1	1:15 PM	103.4	6298	14.89	9.28	6.31	3.99	2.91	1.75	1.19	0.9	6.59	95.0	0.88	34.3	12,952	23.3	3.0	11.7	6.2	4.7	15.7
16.102	82.5	2	1:15 PM	103.4	6452	14.38	9.03	6.21	3.97	2.91	1.76	1.19	0.93	6.52	95.0	0.88	32.7	13,474	24.5	3.1	12.1	6.2	4.7	16.5
16.102	82.5	3	1:15 PM	103.4	8460	18.65	11.93	8.34	5.43	4	2.42	1.66	1.26	8.8	95.0	0.88	32.5	13,182	23.9	3.2	12.3	6.2	4.7	16.6
16.102	82.5	4	1:15 PM	103.4	8811	19.29	12.45	8.72	5.69	4.18	2.54	1.74	1.31	9.15	95.0	0.88	32.3	13,196	23.9	3.2	12.4	6.2	4.7	16.7
16.194	83.7	1	2:59 PM	105.4	6353	22.08	14.55	9.96	6.09	4.35	2.42	1.55	1.12	10.2	99.0	0.87	47.1	8,771	14.5	2.9	10.2	5.6	4.3	11.5
16.194	83.7	2	2:59 PM	105.4	6551	20.56	13.81	9.58	5.92	4.27	2.39	1.53	1.08	9.72	99.0	0.87	43.0	9,430	15.8	3.0	10.9	5.7	4.4	12.6
16.194	83.7	3	2:59 PM	105.4	8482	26.41	17.94	12.54	7.85	5.65	3.18	2.06	1.5	12.7	99.0	0.87	42.8	9,346	15.6	3.1	11.0	5.7	4.4	12.6
16.194	83.7	4	2:59 PM	105.4	8822	27.31	18.58	13.03	8.19	5.9	3.32	2.16	1.57	13.2	99.0	0.87	42.6	9,348	15.6	3.1	11.0	5.7	4.4	12.7
16.287	83	1	3:00 PM	106.8	6430	17.26	12.03	8.46	5.49	4.07	2.37	1.52	1.06	8.61	100.0	0.86	37.4	10,243	17.5	3.3	12.0	5.9	4.5	14.4
16.287	83	2	3:00 PM	106.8	6551	16.53	11.45	8.19	5.37	4.01	2.37	1.52	1.05	8.43	100.0	0.86	35.5	10,712	18.5	3.4	12.4	6.0	4.6	15.2
16.287	83	3	3:00 PM	106.8	8559	20.98	14.56	10.39	6.81	5.07	2.98	1.91	1.32	10.7	100.0	0.86	34.5	11,052	19.2	3.4	12.6	6.0	4.6	15.7
16.287	83	4	3:00 PM	106.8	8910	22.24	15.13	10.78	7.11	5.3	3.12	2	1.4	11.1	100.0	0.86	35.0	10,945	19.0	3.4	12.4	6.0	4.6	15.4
16.389	82.7	1	3:01 PM	106.8	6342	20	13.3	9.14	5.61	3.84	2	1.28	0.95	9.21	100.0	0.85	42.3	9,805	16.6	3.0	10.9	5.8	4.4	12.8
16.389	82.7	2	3:01 PM	106.8	6353	19.39	12.78	8.9	5.5	3.78	1.99	1.27	0.92	9.02	100.0	0.85	41.1	10,046	17.1	3.0	11.0	5.8	4.5	13.1
16.389	82.7	3	3:01 PM	106.8	8383	24.35	16.15	11.27	7.03	4.83	2.59	1.74	1.3	11.4	100.0	0.85	39.3	10,455	17.9	3.1	11.3	5.9	4.5	13.7
16.389	82.7	4	3:01 PM	106.8	8855	25.59	16.86	11.78	7.37	5.06	2.72	1.87	1.4	12	100.0	0.85	39.1	10,527	18.1	3.1	11.3	5.9	4.5	13.8
16.475	82.2	1	3:02 PM	106.6	6331	38.98	24.27	15	8.12	5.34	2.9	2.05	1.61	14.8	99.9	0.88	79.3	5,993	9.2	1.9	7.1	4.9	3.9	6.8
16.475	82.2	2	3:02 PM	106.6	6211	35.48	22.33	14.16	7.79	5.2	2.86	2.02	1.61	14.1	99.9	0.88	74.0	6,241	9.6	2.0	7.5	5.0	3.9	7.3
16.475	82.2	3	3:02 PM	106.6	8131	44.35	27.99	17.86	9.98	6.67	3.69	2.68	2.17	17.9	99.9	0.88	70.9	6,451	10.0	2.1	7.7	5.0	4.0	7.6
16.475	82.2	4	3:02 PM	106.6	8734	46.85	29.63	19.06	10.7	7.13	4	2.93	2.43	19.3	99.9	0.88	69.9	6,520	10.1	2.1	7.8	5.0	4.0	7.7
16.584	81.5	1	3:03 PM	104.0	6342	19.54	12.33	8.17	4.85	3.43	1.94	1.27	0.93	8.2	98.1	0.86	42.0	10,535	18.1	2.8	10.6	5.8	4.5	12.9
16.584	81.5	2	3:03 PM	104.0	6485	18.99	11.94	7.99	4.87	3.45	1.98	1.27	0.94	8.08	98.1	0.86	40.2	10,881	18.8	2.9	10.9	5.9	4.5	13.4
16.584	81.5	3	3:03 PM	104.0	8460	23.98	15.54	10.4	6.33	4.52	2.54	1.7	1.31	10.6	98.1	0.86	39.1	11,019	19.1	3.0	11.1	5.9	4.5	13.8
16.584	81.5	4	3:03 PM	104.0	8789	24.84	16.13	10.81	6.54	4.69	2.66	1.78	1.37	11.1	98.1	0.86	39.0	11,041	19.2	3.0	11.1	5.9	4.5	13.8
16.685	82.6	1	3:04 PM	104.3	6320	24.2	15.06	9.87	5.67	3.89	2.16	1.43	1.07	9.78	98.3	0.87	51.0	8,879	14.7	2.5	9.4	5.5	4.3	10.6
16.685	82.6	2	3:04 PM	104.3	6441	23.13	14.51	9.63	5.63	3.89	2.15	1.41	1.08	9.72	98.3	0.87	48.2	9,246	15.4	2.6	9.8	5.6	4.3	11.2
16.685	82.6	3	3:04 PM	104.3	8383	29.92	19.03	12.66	7.45	5.14	2.87	1.93	1.48	13	98.3	0.87	48.0	9,199	15.3	2.7	9.8	5.6	4.3	11.3
16.685	82.6	4	3:04 PM	104.3	8866	31.48	20.07	13.44	7.89	5.46	3.05	2.09	1.58	13.8	98.3	0.87	47.8	9,200	15.3	2.7	9.9	5.6	4.3	11.3
16.765	83.3	1	3:05 PM	105.0	6441	19.88	13.13	8.87	5.31	3.69	2.05	1.46	1.2	8.74	98.9	0.86	41.9	10,205	17.4	2.9	10.7	5.8	4.5	12.9
16.765	83.3	2	3:05 PM	105.0	6496	18.4	12.24	8.46	5.22	3.66	2.07	1.48	1.21	8.26	98.9	0.86	39.0	10,704	18.5	3.1	11.3	5.9	4.5	13.9
16.765	83.3	3	3:05 PM	105.0	8482	24.09	16.21	11.3	7.03	4.94	2.8	2	1.65	11.2	98.9	0.86	39.2	10,496	18.0	3.1	11.3	5.9	4.5	13.8
16.765	83.3	4	3:05 PM	105.0	8778	24.83	16.81	11.75	7.33	5.18	2.93	2.08	1.71	11.7	98.9	0.86	39.1	10,437	17.9	3.1	11.4	5.9	4.5	13.8

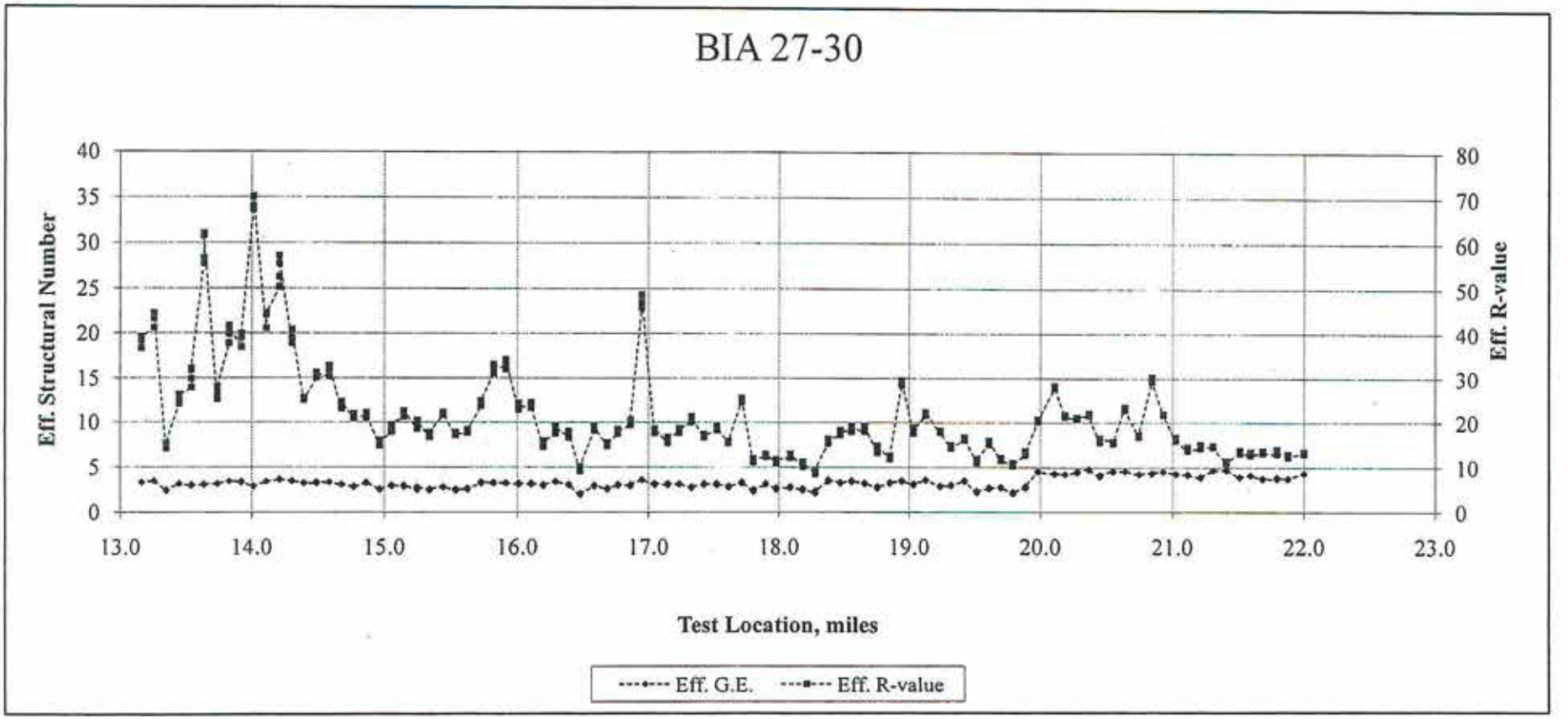
16.861	82.1	1	3:07 PM	104.2	6375	18.69	11.82	7.75	4.61	3.23	1.85	1.28	1	8.13	98.3	0.86	40.0	11,163	19.4	2.9	10.8	5.9	4.5	13.5
16.861	82.1	2	3:07 PM	104.2	6529	17.78	11.27	7.54	4.59	3.26	1.89	1.31	1	7.87	98.3	0.86	37.6	11,642	20.5	3.0	11.3	6.0	4.6	14.4
16.861	82.1	3	3:07 PM	104.2	8438	22.72	14.64	9.91	6.1	4.33	2.51	1.74	1.35	10.3	98.3	0.86	37.3	11,530	20.2	3.0	11.4	6.0	4.6	14.5
16.861	82.1	4	3:07 PM	104.2	8921	23.79	15.44	10.52	6.5	4.62	2.69	1.85	1.44	10.9	98.3	0.86	37.1	11,522	20.2	3.1	11.5	6.0	4.6	14.6
16.948	83	1	3:08 PM	104.9	6759	9.07	5.26	3.6	2.47	1.86	1.18	0.79	0.59	3.63	98.9	0.82	20.6	22,214	45.7	3.6	14.9	7.0	5.3	26.2
16.948	83	2	3:08 PM	104.9	6814	8.76	5.05	3.53	2.45	1.87	1.18	0.8	0.58	3.59	98.9	0.82	20.0	22,665	46.9	3.6	15.2	7.0	5.3	27.0
16.948	83	3	3:08 PM	104.9	8965	11.34	6.69	4.5	3.11	2.37	1.5	1	0.74	4.55	98.9	0.81	19.7	23,314	48.5	3.6	15.2	7.1	5.3	27.4
16.948	83	4	3:08 PM	104.9	9097	11.48	6.77	4.57	3.15	2.4	1.52	1.02	0.75	4.63	98.9	0.81	19.7	23,364	48.7	3.6	15.2	7.1	5.4	27.4
17.045	84.1	1	3:09 PM	103.7	6419	19.12	11.83	8.11	5.13	3.74	2.24	1.57	1.31	8.37	98.0	0.87	41.2	10,275	17.6	3.0	10.9	5.8	4.5	13.1
17.045	84.1	2	3:09 PM	103.7	6463	17.84	11.3	7.89	5.05	3.69	2.21	1.58	1.29	8.09	98.0	0.87	38.6	10,747	18.5	3.1	11.4	5.9	4.5	14.0
17.045	84.1	3	3:09 PM	103.7	8438	22.57	14.7	10.4	6.74	4.93	2.97	2.08	1.69	10.7	98.0	0.87	37.7	10,751	18.6	3.2	11.7	5.9	4.5	14.3
17.045	84.1	4	3:09 PM	103.7	8932	23.67	15.52	11.03	7.17	5.23	3.14	2.19	1.77	11.3	98.0	0.87	37.4	10,779	18.6	3.2	11.7	5.9	4.6	14.4
17.147	84.8	1	3:10 PM	102.0	6342	20.28	13.39	9.25	5.91	4.25	2.43	1.56	1.19	9.44	96.9	0.88	44.5	9,209	15.4	2.9	10.6	5.7	4.4	12.1
17.147	84.8	2	3:10 PM	102.0	6474	19.07	12.78	8.97	5.78	4.19	2.41	1.57	1.2	9.18	96.9	0.88	41.4	9,729	16.4	3.1	11.1	5.8	4.4	13.0
17.147	84.8	3	3:10 PM	102.0	8449	24.03	16.41	11.68	7.58	5.5	3.19	2.11	1.61	11.9	96.9	0.88	40.3	9,839	16.6	3.2	11.4	5.8	4.5	13.4
17.147	84.8	4	3:10 PM	102.0	8899	25.04	17.2	12.28	8.01	5.83	3.39	2.23	1.7	12.5	96.9	0.88	39.9	9,845	16.7	3.2	11.5	5.8	4.5	13.5
17.234	84	1	3:11 PM	103.0	6353	18.5	12.29	8.43	5.22	3.75	2.05	1.3	0.97	8.11	97.6	0.87	40.4	10,304	17.6	3.0	11.1	5.8	4.5	13.4
17.234	84	2	3:11 PM	103.0	6463	17.48	11.89	8.21	5.15	3.72	2.06	1.31	1	7.97	97.6	0.87	37.9	10,792	18.6	3.1	11.6	5.9	4.5	14.2
17.234	84	3	3:11 PM	103.0	8372	23.11	15.41	10.75	6.75	4.66	2.69	1.74	1.33	10.6	97.6	0.87	38.6	10,646	18.3	3.1	11.5	5.9	4.5	14.0
17.234	84	4	3:11 PM	103.0	8833	24.2	16.19	11.31	7.12	5.12	2.85	1.83	1.41	11.3	97.6	0.87	38.3	10,690	18.4	3.1	11.5	5.9	4.5	14.1
17.329	84.2	1	3:12 PM	101.6	6331	19.1	11.6	7.19	4.18	2.97	1.72	1.28	1.06	7.54	96.6	0.86	41.4	11,466	20.1	2.7	10.3	5.9	4.5	13.0
17.329	84.2	2	3:12 PM	101.6	6408	17.73	10.92	6.89	4.13	2.96	1.7	1.29	1.08	7.25	96.6	0.86	38.4	12,047	21.3	2.8	10.9	6.0	4.6	14.1
17.329	84.2	3	3:12 PM	101.6	8339	23.1	14.35	9.21	5.5	3.91	2.3	1.7	1.41	9.71	96.6	0.87	38.6	11,946	21.1	2.8	10.9	6.0	4.6	14.0
17.329	84.2	4	3:12 PM	101.6	8866	24.29	15.24	9.86	5.93	4.2	2.47	1.83	1.5	10.4	96.6	0.87	38.2	11,942	21.1	2.8	10.9	6.0	4.6	14.1
17.425	83.8	1	3:13 PM	102.9	6353	19.13	12.67	8.49	5.36	3.98	2.45	1.79	1.45	8.59	97.6	0.88	42.1	9,819	16.6	3.0	10.9	5.8	4.4	12.8
17.425	83.8	2	3:13 PM	102.9	6474	18.04	12.15	8.32	5.38	4.04	2.49	1.83	1.47	8.48	97.6	0.88	39.4	10,171	17.3	3.2	11.4	5.9	4.5	13.7
17.425	83.8	3	3:13 PM	102.9	8350	23.37	15.89	10.98	7.13	5.33	3.25	2.37	1.9	11.2	97.6	0.88	39.6	10,020	17.0	3.2	11.5	5.8	4.5	13.6
17.425	83.8	4	3:13 PM	102.9	8844	24.76	16.83	11.66	7.59	5.66	3.45	2.5	2.01	11.9	97.6	0.88	39.6	10,003	17.0	3.2	11.5	5.8	4.5	13.6
17.522	84	1	3:14 PM	104.4	6386	18.67	12.04	7.52	4.83	3.58	2.19	1.51	1.1	7.79	98.7	0.86	40.3	10,584	18.2	3.0	11.0	5.9	4.5	13.4
17.522	84	2	3:14 PM	104.4	6342	17.16	11.28	7.12	4.63	3.47	2.15	1.49	1.08	7.36	98.7	0.86	37.8	11,104	19.3	3.1	11.5	6.0	4.6	14.3
17.522	84	3	3:14 PM	104.4	8328	22.19	14.92	9.68	6.27	4.74	2.85	1.99	1.51	9.85	98.7	0.86	37.3	10,932	18.9	3.2	11.7	6.0	4.6	14.5
17.522	84	4	3:14 PM	104.4	8778	23.24	15.7	10.2	6.64	5	3.03	2.11	1.63	10.6	98.7	0.87	37.1	10,957	19.0	3.2	11.7	6.0	4.6	14.5
17.613	84.1	1	3:15 PM	106.5	6233	22.19	13.55	8.71	5.37	3.83	2.28	1.62	1.31	9.15	100.2	0.86	47.5	9,198	15.3	2.7	9.9	5.6	4.3	11.4
17.613	84.1	2	3:15 PM	106.5	6342	21.54	13.23	8.67	5.42	3.89	2.31	1.64	1.33	9.17	100.2	0.86	45.6	9,412	15.8	2.8	10.3	5.7	4.4	11.9
17.613	84.1	3	3:15 PM	106.5	8383	27.91	17.67	11.73	7.33	5.25	3.15	2.24	1.79	12.4	100.2	0.86	44.9	9,392	15.7	2.9	10.4	5.7	4.4	12.0
17.613	84.1	4	3:15 PM	106.5	8789	28.98	18.47	12.3	7.72	5.54	3.31	2.34	1.88	13.1	100.2	0.86	44.5	9,400	15.7	2.9	10.5	5.7	4.4	12.1
17.714	84.3	1	3:16 PM	102.3	6441	14.39	8.66	5.8	3.78	2.89	1.95	1.5	1.28	5.88	97.2	0.87	32.4	13,499	24.6	3.2	12.2	6.2	4.7	16.7
17.714	84.3	2	3:16 PM	102.3	6562	13.85	8.41	5.77	3.85	2.95	1.99	1.54	1.29	5.87	97.2	0.87	30.9	13,822	25.3	3.3	12.6	6.3	4.8	17.5
17.714	84.3	3	3:16 PM	102.3	8526	17.64	10.97	7.6	5.07	3.87	2.59	2.02	1.71	7.74	97.2	0.87	30.4	13,863	25.4	3.3	12.8	6.3	4.8	17.7
17.714	84.3	4	3:16 PM	102.3	8888	18.23	11.41	7.93	5.3	4.03	2.7	2.1	1.77	8.09	97.2	0.87	30.2	13,923	25.5	3.3	12.9	6.3	4.8	17.9
17.803	83.7	1	3:17 PM	103.9	6244	30.38	19.88	13.07	7.29	4.8	2.57	1.88	1.54	13.3	98.4	0.88	64.1	7,050	11.1	2.3	8.3	5.2	4.1	8.4
17.803	83.7	2	3:17 PM	103.9	6331	28.11	18.65	12.58	7.21	4.84	2.59	1.87	1.53	12.8	98.4	0.88	59.0	7,386	11.8	2.4	8.8	5.3	4.1	9.2
17.803	83.7	3	3:17 PM	103.9	8361	36.59	24.48	16.62	9.61	6.43	3.46	2.53	2.06	17	98.4	0.88	58.3	7,412	11.8	2.5	8.9	5.3	4.1	9.3
17.803	83.7	4	3:17 PM	103.9	8745	37.82	25.43	17.33	10.06	6.76	3.65	2.67	2.19	17.8	98.4	0.88	57.7	7,433	11.8	2.5	9.0	5.3	4.1	9.4
17.897	83.2	1	3:18 PM	102.1	6342	22.72	15.84	11.38	7.41	5.39	3.07	2.09	1.65	11.7	97.1	0.90	49.9	7,647	12.3	3.0	10.3	5.4	4.2	10.8

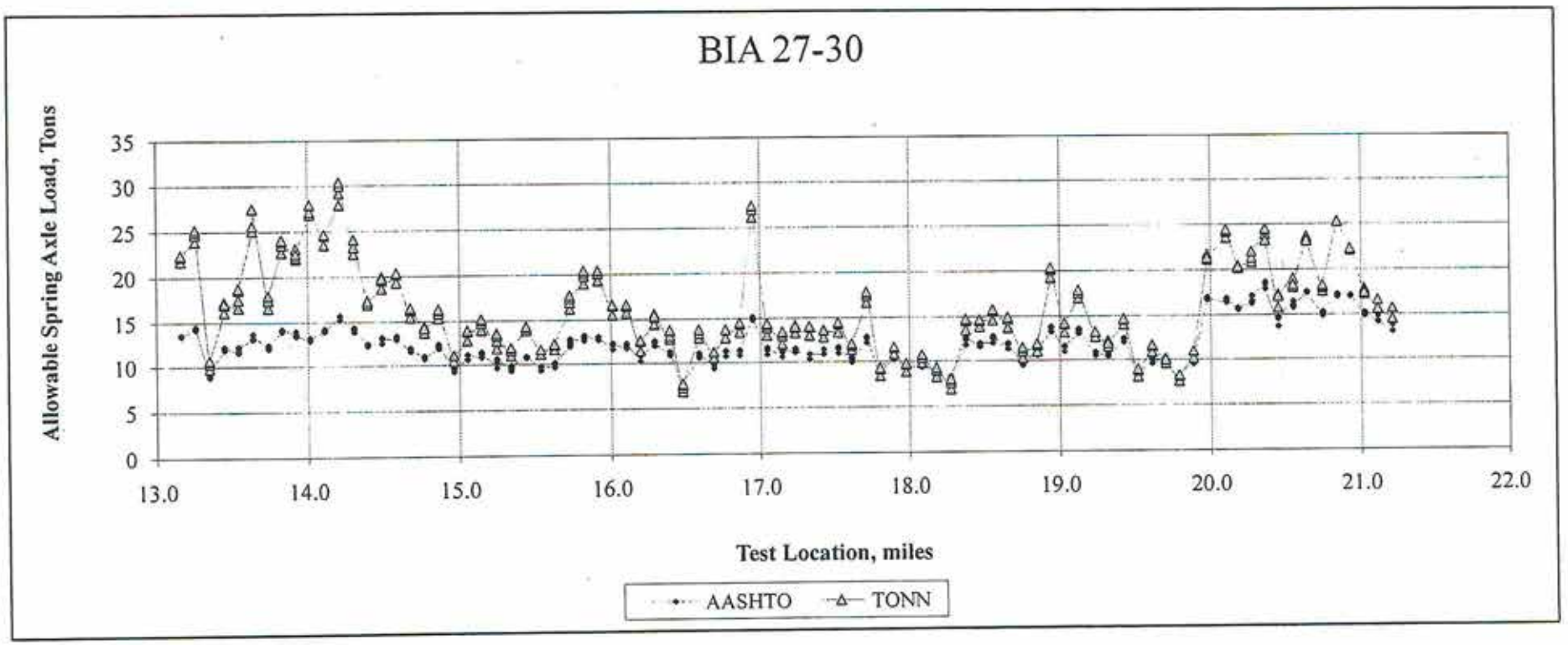
17.897	83.2	2	3:18 PM	102.1	6353	21.12	14.81	10.82	7.18	5.26	3.03	2.08	1.64	11.1	97.1	0.90	46.7	8,002	13.0	3.1	10.7	5.5	4.3	11.6
17.897	83.2	3	3:18 PM	102.1	8416	27.67	19.71	14.5	9.66	7.11	4.09	2.81	2.21	14.9	97.1	0.90	46.3	7,936	12.8	3.2	10.9	5.5	4.3	11.7
17.897	83.2	4	3:18 PM	102.1	8822	28.84	20.64	15.23	10.19	7.49	4.33	2.98	2.34	15.7	97.1	0.90	46.1	7,928	12.8	3.2	10.9	5.5	4.3	11.7
17.978	82.9	1	3:19 PM	102.5	6342	28.72	19.13	13.05	7.75	5.36	2.91	1.97	1.51	13.2	97.4	0.89	61.0	6,935	10.9	2.5	8.7	5.2	4.1	8.9
17.978	82.9	2	3:19 PM	102.5	6441	26.41	17.91	12.42	7.55	5.3	2.89	1.96	1.5	12.7	97.4	0.89	55.7	7,359	11.7	2.7	9.3	5.3	4.2	9.7
17.978	82.9	3	3:19 PM	102.5	8350	34.07	23.14	16.08	9.87	6.9	3.8	2.6	2.01	16.4	97.4	0.89	55.5	7,357	11.7	2.7	9.4	5.3	4.2	9.7
17.978	82.9	4	3:19 PM	102.5	8844	35.76	24.48	17.06	10.49	7.36	4.07	2.79	2.16	17.5	97.4	0.89	55.1	7,357	11.7	2.7	9.4	5.3	4.2	9.8
18.084	82.9	1	3:20 PM	104.5	6211	25.31	16.97	11.71	7	4.93	2.81	2.14	1.8	12.1	98.9	0.88	54.9	7,527	12.0	2.7	9.4	5.3	4.2	9.8
18.084	82.9	2	3:20 PM	104.5	6331	24.31	16.26	11.34	6.88	4.87	2.81	2.17	1.83	11.7	98.9	0.88	52.0	7,866	12.7	2.8	9.7	5.4	4.2	10.4
18.084	82.9	3	3:20 PM	104.5	8328	30.83	21.01	14.75	9.05	6.42	3.75	2.85	2.38	15.2	98.9	0.88	50.4	7,983	12.9	2.8	10.0	5.5	4.2	10.7
18.084	82.9	4	3:20 PM	104.5	8789	32.31	22.11	15.54	9.55	6.78	3.98	3	2.49	16.1	98.9	0.88	50.2	8,004	13.0	2.9	10.0	5.5	4.3	10.8
18.181	83	1	3:22 PM	105.1	6331	31.72	21.74	14.61	8.68	5.57	2.62	1.71	1.34	14.9	99.3	0.87	65.4	6,477	10.0	2.4	8.4	5.1	4.0	8.3
18.181	83	2	3:22 PM	105.1	6342	28.98	20.15	13.84	8.39	5.46	2.63	1.69	1.31	14.1	99.3	0.87	60.2	6,837	10.7	2.6	8.9	5.2	4.1	9.0
18.181	83	3	3:22 PM	105.1	8416	37.39	25.92	17.78	10.81	7.05	3.41	2.23	1.79	18.2	99.3	0.87	58.6	7,029	11.1	2.6	9.0	5.2	4.1	9.2
18.181	83	4	3:22 PM	105.1	8811	38.71	26.88	18.46	11.29	7.39	3.58	2.4	1.96	19.1	99.3	0.87	58.0	7,060	11.1	2.6	9.1	5.2	4.1	9.3
18.277	83.7	1	3:23 PM	107.5	6244	38.33	24.59	15.94	9.24	6.04	3	1.96	1.53	17	101.1	0.87	78.8	5,596	8.4	2.1	7.4	4.8	3.9	6.9
18.277	83.7	2	3:23 PM	107.5	6222	34.19	22.71	15.13	9	5.98	3.02	1.96	1.54	15.8	101.1	0.88	71.2	5,918	9.0	2.3	8.0	4.9	3.9	7.6
18.277	83.7	3	3:23 PM	107.5	8230	43.15	29.02	19.44	11.65	7.75	3.92	2.61	2.09	20.4	101.1	0.87	68.1	6,115	9.4	2.4	8.2	5.0	4.0	7.9
18.277	83.7	4	3:23 PM	107.5	8691	44.88	30.25	20.26	12.22	8.2	4.19	2.71	2.07	21.4	101.1	0.87	67.3	6,151	9.4	2.4	8.3	5.0	4.0	8.0
18.377	84.7	1	3:23 PM	106.3	6408	18.33	12.84	9.43	6.36	4.66	2.72	1.74	1.26	9.47	100.2	0.87	39.8	9,182	15.3	3.4	11.9	5.8	4.4	13.6
18.377	84.7	2	3:23 PM	106.3	6474	17.06	12.21	9.11	6.2	4.56	2.7	1.72	1.25	9.19	100.2	0.87	37.1	9,658	16.3	3.5	12.4	5.9	4.5	14.5
18.377	84.7	3	3:23 PM	106.3	8493	22.11	15.98	12.07	8.3	6.19	3.61	2.34	1.69	12.1	100.2	0.87	36.8	9,489	15.9	3.6	12.6	5.9	4.5	14.7
18.377	84.7	4	3:23 PM	106.3	8800	22.72	16.46	12.47	8.6	6.41	3.76	2.43	1.78	12.5	100.2	0.87	36.6	9,520	16.0	3.6	12.7	5.9	4.5	14.8
18.469	84.3	1	3:25 PM	104.3	6277	17.52	12.07	8.54	5.5	3.94	2.22	1.46	1.07	8.51	98.8	0.87	38.8	10,129	17.3	3.2	11.6	5.9	4.5	13.9
18.469	84.3	2	3:25 PM	104.3	6375	16.85	11.46	8.24	5.39	3.91	2.24	1.48	1.1	8.38	98.8	0.87	37.1	10,502	18.0	3.3	12.0	5.9	4.5	14.6
18.469	84.3	3	3:25 PM	104.3	8339	22.05	15.1	10.83	7.08	5.09	2.91	1.92	1.42	11	98.8	0.86	37.1	10,530	18.1	3.3	12.0	5.9	4.5	14.6
18.469	84.3	4	3:25 PM	104.3	8855	23.13	15.98	11.48	7.5	5.41	3.09	2.03	1.51	11.7	98.8	0.86	36.7	10,577	18.2	3.3	12.1	5.9	4.6	14.7
18.556	84.2	1	3:26 PM	105.6	6408	16.92	10.98	7.82	5.27	3.97	2.39	1.63	1.25	8	99.8	0.86	37.0	10,444	17.9	3.3	12.1	5.9	4.5	14.6
18.556	84.2	2	3:26 PM	105.6	6474	15.82	10.39	7.53	5.13	3.87	2.35	1.61	1.24	7.77	99.8	0.86	34.6	11,005	19.1	3.4	12.6	6.0	4.6	15.6
18.556	84.2	3	3:26 PM	105.6	8482	20.5	13.75	10.05	6.91	5.23	3.17	2.2	1.69	10.4	99.8	0.86	34.4	10,844	18.8	3.5	12.7	6.0	4.6	15.7
18.556	84.2	4	3:26 PM	105.6	8811	21.11	14.25	10.44	7.19	5.45	3.33	2.31	1.77	10.8	99.8	0.86	34.2	10,858	18.8	3.5	12.8	6.0	4.6	15.8
18.656	84	1	3:27 PM	107.0	6277	18.19	11.31	7.8	5.07	3.61	2.06	1.34	1	8.24	100.8	0.85	39.2	10,475	18.0	3.1	11.3	5.9	4.5	13.8
18.656	84	2	3:27 PM	107.0	6342	17.05	10.85	7.56	4.96	3.56	2.03	1.34	0.99	7.89	100.8	0.84	36.7	10,976	19.0	3.2	11.9	6.0	4.6	14.7
18.656	84	3	3:27 PM	107.0	8383	22.11	14.4	10.12	6.57	4.7	2.68	1.76	1.32	10.5	100.8	0.84	36.2	11,074	19.2	3.3	12.0	6.0	4.6	14.9
18.656	84	4	3:27 PM	107.0	8844	23.28	15.12	10.65	6.94	4.96	2.83	1.86	1.4	11.2	100.8	0.84	36.1	11,082	19.3	3.3	12.0	6.0	4.6	15.0
18.754	84.1	1	3:28 PM	108.6	6178	25.2	16.46	10.89	6.39	4.23	2.11	1.37	1.06	10.9	102.0	0.84	52.4	8,148	13.2	2.6	9.5	5.4	4.2	10.3
18.754	84.1	2	3:28 PM	108.6	6331	23.89	15.79	10.56	6.24	4.16	2.09	1.36	1.06	10.6	102.0	0.84	48.8	8,639	14.2	2.8	9.9	5.5	4.3	11.1
18.754	84.1	3	3:28 PM	108.6	8307	30.23	20.16	13.55	8.03	5.36	2.72	1.76	1.36	13.5	102.0	0.84	47.2	8,871	14.7	2.8	10.2	5.6	4.3	11.4
18.754	84.1	4	3:28 PM	108.6	8767	31.5	21.15	14.24	8.46	5.65	2.86	1.86	1.45	14.3	102.0	0.84	46.7	8,930	14.8	2.8	10.2	5.6	4.3	11.6
18.850	84.4	1	3:29 PM	107.4	6309	22.7	15.56	11.34	7.56	5.61	3.19	2	1.5	11.6	101.1	0.88	49.0	7,428	11.8	3.1	10.6	5.4	4.2	11.0
18.850	84.4	2	3:29 PM	107.4	6551	22	15.16	11.19	7.55	5.63	3.2	2.04	1.48	11.7	101.1	0.88	46.0	7,789	12.5	3.3	11.0	5.5	4.3	11.7
18.850	84.4	3	3:29 PM	107.4	8427	27.97	19.57	14.56	9.9	7.38	4.21	2.71	2	15.2	101.1	0.88	45.6	7,732	12.4	3.3	11.2	5.5	4.3	11.8
18.850	84.4	4	3:29 PM	107.4	8899	29.15	20.65	15.39	10.48	7.85	4.51	2.93	2.15	16	101.1	0.88	45.1	7,733	12.4	3.3	11.3	5.5	4.3	12.0
18.942	84.8	1	3:30 PM	107.6	6529	12.92	7.46	4.92	3.36	2.59	1.71	1.32	1.09	5.11	101.3	0.83	28.0	15,256	28.6	3.4	13.3	6.5	4.9	19.3
18.942	84.8	2	3:30 PM	107.6	6595	12.35	7.24	4.91	3.39	2.61	1.75	1.34	1.09	5.07	101.3	0.83	26.8	15,648	29.5	3.5	13.7	6.5	4.9	20.1

18.942	84.8	3	3:30 PM	107.6	8581	15.87	9.44	6.45	4.43	3.42	2.26	1.72	1.42	6.73	101.3	0.83	26.6	15,669	29.6	3.5	13.8	6.5	4.9	20.3
18.942	84.8	4	3:30 PM	107.6	8976	16.5	9.92	6.78	4.67	3.58	2.37	1.8	1.49	7.08	101.3	0.83	26.4	15,703	29.6	3.5	13.9	6.5	4.9	20.4
19.032	85.4	1	3:31 PM	108.7	6452	19.68	12.35	8.05	4.96	3.69	2.36	1.74	1.4	8.13	102.1	0.85	40.9	10,269	17.5	3.0	11.0	5.8	4.5	13.2
19.032	85.4	2	3:31 PM	108.7	6496	18.13	11.52	7.66	4.8	3.59	2.28	1.65	1.35	7.82	102.1	0.84	37.8	10,891	18.9	3.1	11.6	5.9	4.5	14.3
19.032	85.4	3	3:31 PM	108.7	8482	23.76	15.45	10.4	6.57	4.91	3.12	2.28	1.84	10.6	102.1	0.85	38.1	10,595	18.2	3.2	11.6	5.9	4.5	14.2
19.032	85.4	4	3:31 PM	108.7	8855	24.67	16.13	10.9	6.89	5.14	3.26	2.39	1.94	11.2	102.1	0.85	37.9	10,604	18.2	3.2	11.7	5.9	4.5	14.2
19.125	86.6	1	3:32 PM	109.3	6364	14.46	9.13	6.39	4.36	3.38	2.19	1.63	1.33	6.39	102.5	0.84	31.7	12,164	21.6	3.5	13.1	6.2	4.7	17.0
19.125	86.6	2	3:32 PM	109.3	6573	14.35	9.11	6.45	4.45	3.46	2.24	1.67	1.38	6.52	102.5	0.84	30.7	12,426	22.2	3.6	13.4	6.2	4.7	17.6
19.125	86.6	3	3:32 PM	109.3	8493	18.46	11.83	8.43	5.84	4.52	2.94	2.2	1.81	8.56	102.5	0.84	30.7	12,366	22.0	3.6	13.4	6.2	4.7	17.6
19.125	86.6	4	3:32 PM	109.3	8888	18.93	12.33	8.8	6.09	4.71	3.06	2.29	1.87	8.98	102.5	0.84	30.1	12,497	22.3	3.6	13.6	6.2	4.8	17.9
19.236	86.1	1	3:33 PM	108.0	6123	19.52	11.84	7.63	4.51	3.33	2.2	1.66	1.37	7.69	101.6	0.85	42.6	10,336	17.7	2.8	10.5	5.8	4.5	12.7
19.236	86.1	2	3:33 PM	108.0	6255	18.94	11.51	7.61	4.6	3.42	2.24	1.61	1.36	7.73	101.6	0.85	40.8	10,557	18.1	2.9	10.9	5.9	4.5	13.2
19.236	86.1	3	3:33 PM	108.0	8285	25.05	15.43	10.32	6.26	4.6	3	2.31	1.89	10.7	101.6	0.85	40.7	10,477	18.0	3.0	10.9	5.9	4.5	13.3
19.236	86.1	4	3:33 PM	108.0	8724	26.35	16.28	10.93	6.64	4.85	3.15	2.44	1.98	11.3	101.6	0.85	40.7	10,475	18.0	3.0	10.9	5.9	4.5	13.3
19.320	85.9	1	3:34 PM	111.0	6244	22.28	14.49	9.57	5.97	4.3	2.54	1.87	1.51	9.68	103.8	0.84	46.8	8,640	14.2	2.9	10.4	5.6	4.3	11.5
19.320	85.9	2	3:34 PM	111.0	6288	20.93	13.69	9.23	5.83	4.24	2.54	1.87	1.52	9.48	103.8	0.84	44.0	9,016	15.0	3.0	10.8	5.7	4.4	12.3
19.320	85.9	3	3:34 PM	111.0	8318	28.37	18.49	12.58	8	5.81	3.47	2.53	2.07	13	103.8	0.85	45.1	8,746	14.4	3.0	10.7	5.6	4.4	12.0
19.320	85.9	4	3:34 PM	111.0	8811	30.06	19.61	13.37	8.52	6.19	3.69	2.68	2.19	13.9	103.8	0.85	45.1	8,717	14.4	3.0	10.7	5.6	4.3	12.0
19.423	86	1	3:35 PM	110.4	6342	17.72	12.06	8.73	5.69	4.37	2.87	2.17	1.82	8.97	103.4	0.86	38.4	9,578	16.1	3.4	12.1	5.8	4.5	14.0
19.423	86	2	3:35 PM	110.4	6463	17.24	11.77	8.65	5.74	4.4	2.9	2.22	1.83	8.91	103.4	0.86	36.9	9,823	16.6	3.5	12.4	5.9	4.5	14.6
19.423	86	3	3:35 PM	110.4	8416	22.35	15.48	11.44	7.62	5.85	3.84	2.93	2.41	11.9	103.4	0.86	36.9	9,712	16.4	3.5	12.5	5.9	4.5	14.6
19.423	86	4	3:35 PM	110.4	8844	23.35	16.23	12	8	6.12	4.01	3.05	2.49	12.5	103.4	0.86	36.7	9,761	16.5	3.5	12.5	5.9	4.5	14.7
19.516	86.5	1	3:36 PM	112.1	6233	33.6	20.85	12.99	6.85	4.34	2.24	1.67	1.39	13.3	104.6	0.83	66.3	7,049	11.1	2.1	8.0	5.1	4.0	8.1
19.516	86.5	2	3:36 PM	112.1	6222	30.66	19.23	12.3	6.69	4.31	2.24	1.65	1.38	12.6	104.6	0.83	61.1	7,390	11.8	2.3	8.5	5.2	4.1	8.8
19.516	86.5	3	3:36 PM	112.1	8197	39.64	25.23	16.26	8.93	5.73	2.98	2.24	1.88	17	104.6	0.83	60.2	7,425	11.8	2.4	8.6	5.3	4.1	9.0
19.516	86.5	4	3:36 PM	112.1	8734	41.94	26.84	17.38	9.57	6.17	3.21	2.42	2.03	18.3	104.6	0.83	59.8	7,411	11.8	2.4	8.7	5.3	4.1	9.0
19.609	86.8	1	3:37 PM	110.4	6255	24.6	16.2	9.69	5.52	3.61	1.86	1.38	1.3	9.97	103.4	0.82	49.5	9,060	15.1	2.6	9.6	5.6	4.3	10.9
19.609	86.8	2	3:37 PM	110.4	6342	23.29	15.34	9.39	5.48	3.63	1.9	1.46	1.29	9.8	103.4	0.82	46.6	9,408	15.8	2.7	10.0	5.7	4.4	11.6
19.609	86.8	3	3:37 PM	110.4	8372	30.47	20.21	12.33	7.22	4.75	2.48	1.93	1.82	12.9	103.4	0.82	46.2	9,492	15.9	2.7	10.1	5.7	4.4	11.7
19.609	86.8	4	3:37 PM	110.4	8822	31.9	21.31	13.07	7.63	5.07	2.65	2.05	1.94	13.6	103.4	0.82	46.0	9,458	15.9	2.8	10.1	5.7	4.4	11.7
19.699	86.8	1	3:38 PM	109.0	6342	27.19	18.8	13.03	7.61	5.13	2.87	1.8	1.43	12.8	102.5	0.86	56.1	7,282	11.6	2.7	9.3	5.3	4.2	9.6
19.699	86.8	2	3:38 PM	109.0	6441	25.91	18.13	12.75	7.59	5.17	2.89	1.83	1.44	12.4	102.5	0.86	52.9	7,524	12.0	2.8	9.7	5.4	4.2	10.2
19.699	86.8	3	3:38 PM	109.0	8350	34.15	24.05	16.96	10.16	6.93	3.85	2.52	1.98	16.7	102.5	0.86	53.9	7,332	11.7	2.8	9.7	5.3	4.2	10.0
19.699	86.8	4	3:38 PM	109.0	8811	35.96	25.37	17.97	10.79	7.36	4.1	2.69	2.13	17.7	102.5	0.86	53.8	7,312	11.6	2.8	9.7	5.3	4.2	10.0
19.789	86	1	3:39 PM	110.4	6134	34.65	21.74	13.41	7.09	4.59	2.57	1.95	1.64	14.1	103.5	0.85	70.9	6,642	10.4	2.0	7.6	5.0	4.0	7.6
19.789	86	2	3:39 PM	110.4	6079	31.55	20.03	12.72	6.88	4.52	2.54	1.92	1.59	13.3	103.5	0.85	65.6	6,950	10.9	2.2	8.1	5.1	4.0	8.2
19.789	86	3	3:39 PM	110.4	8109	41.93	27.16	17.42	9.51	6.19	3.44	2.63	2.23	18.1	103.5	0.85	65.5	6,870	10.8	2.2	8.2	5.1	4.0	8.2
19.789	86	4	3:39 PM	110.4	8680	44.4	29.18	18.74	10.28	6.69	3.72	2.84	2.37	19.6	103.5	0.85	64.9	6,872	10.8	2.3	8.2	5.1	4.0	8.3
19.884	85.9	1	3:40 PM	110.0	6364	25.96	16.53	10.98	6.61	4.62	2.65	1.85	1.46	11.4	103.2	0.85	52.9	7,899	12.7	2.7	9.5	5.4	4.2	10.2
19.884	85.9	2	3:40 PM	110.0	6430	24.02	15.62	10.53	6.45	4.54	2.64	1.84	1.45	10.8	103.2	0.85	48.9	8,349	13.6	2.8	10.1	5.5	4.3	11.0
19.884	85.9	3	3:40 PM	110.0	8405	31.5	20.83	14.22	8.79	6.17	3.57	2.5	1.97	14.6	103.2	0.85	49.2	8,160	13.3	2.9	10.1	5.5	4.3	11.0
19.884	85.9	4	3:40 PM	110.0	8844	33	21.97	15.06	9.31	6.54	3.77	2.63	2.07	15.5	103.2	0.85	49.1	8,143	13.2	2.9	10.1	5.5	4.3	11.0
19.978	85.3	1	3:41 PM	108.8	6496	10.85	8.83	7.23	5.36	4.26	2.76	2.02	1.62	7.11	102.4	0.86	25.5	11,511	20.2	4.5	16.7	6.3	4.8	21.2
19.978	85.3	2	3:41 PM	108.8	6617	10.67	8.74	7.2	5.39	4.26	2.78	2.06	1.74	7.17	102.4	0.86	24.8	11,752	20.7	4.5	17.0	6.4	4.9	21.8
19.978	85.3	3	3:41 PM	108.8	8592	14.34	11.55	9.45	7.09	5.64	3.63	2.69	2.23	9.49	102.4	0.86	25.4	11,502	20.2	4.5	16.8	6.3	4.8	21.2

19.978	85.3	4	3:41 PM	108.8	9031	14.93	12.12	9.93	7.47	5.91	3.81	2.8	2.3	9.98	102.4	0.86	25.3	11,548	20.3	4.5	16.8	6.3	4.8	21.4
20.105	85.2	1	3:42 PM	110.0	6518	9.87	6.61	5.48	4	3.15	2.11	1.63	1.32	5.57	103.3	0.83	22.9	14,918	27.8	4.2	16.4	6.6	5.0	23.6
20.105	85.2	2	3:42 PM	110.0	6551	9.6	6.53	5.38	3.95	3.13	2.11	1.62	1.34	5.5	103.3	0.83	22.3	15,180	28.4	4.3	16.7	6.7	5.1	24.2
20.105	85.2	3	3:42 PM	110.0	8581	12.44	8.62	7.09	5.21	4.13	2.78	2.13	1.74	7.27	103.3	0.83	22.2	15,143	28.3	4.3	16.8	6.7	5.1	24.4
20.105	85.2	4	3:42 PM	110.0	8976	12.92	9.06	7.43	5.46	4.33	2.92	2.24	1.83	7.63	103.3	0.83	22.1	15,146	28.3	4.3	16.9	6.7	5.1	24.5
20.183	84.8	1	3:44 PM	108.1	6386	11.41	8.77	6.92	5.01	3.89	2.55	1.92	1.57	6.93	102.0	0.85	26.7	12,047	21.3	4.2	15.6	6.3	4.8	20.2
20.183	84.8	2	3:44 PM	108.1	6474	11.44	8.61	6.83	5	3.89	2.59	1.96	1.59	6.93	102.0	0.85	26.5	12,205	21.7	4.2	15.6	6.3	4.8	20.4
20.183	84.8	3	3:44 PM	108.1	8471	14.8	11.44	9.09	6.67	5.18	3.43	2.62	2.14	9.24	102.0	0.86	26.3	12,077	21.4	4.2	15.8	6.3	4.8	20.5
20.183	84.8	4	3:44 PM	108.1	8899	15.68	12.06	9.59	7.02	5.46	3.61	2.74	2.24	9.73	102.0	0.86	26.5	12,022	21.3	4.2	15.8	6.3	4.8	20.4
20.275	85.3	1	3:45 PM	108.8	6430	10.91	7.96	6.6	4.98	4.09	2.85	2.19	1.76	6.46	102.5	0.86	25.9	11,778	20.8	4.4	16.3	6.3	4.8	20.9
20.275	85.3	2	3:45 PM	108.8	6562	10.81	7.92	6.59	5	4.13	2.89	2.21	1.77	6.51	102.5	0.86	25.3	11,942	21.1	4.4	16.6	6.4	4.9	21.4
20.275	85.3	3	3:45 PM	108.8	8647	13.63	10.5	8.75	6.67	5.5	3.85	2.95	2.38	8.68	102.5	0.86	24.5	11,911	21.0	4.6	17.1	6.4	4.9	22.1
20.275	85.3	4	3:45 PM	108.8	8921	14.07	10.81	9.01	6.85	5.66	3.95	3.04	2.44	8.95	102.5	0.86	24.5	11,937	21.1	4.5	17.1	6.4	4.9	22.1
20.365	85.1	1	3:46 PM	107.0	6540	9.18	7.6	6.47	5.04	4.11	2.78	2.08	1.64	6.37	101.2	0.86	22.6	12,180	21.6	4.8	18.4	6.5	4.9	23.9
20.365	85.1	2	3:46 PM	107.0	6573	8.94	7.48	6.38	4.97	4.06	2.76	2.06	1.62	6.31	101.2	0.86	22.0	12,380	22.1	4.9	18.7	6.5	5.0	24.5
20.365	85.1	3	3:46 PM	107.0	8559	12.43	9.93	8.45	6.62	5.39	3.67	2.75	2.18	8.41	101.2	0.86	23.1	12,173	21.6	4.7	17.9	6.5	4.9	23.3
20.365	85.1	4	3:46 PM	107.0	8976	13.06	10.43	8.87	6.93	5.66	3.86	2.88	2.3	8.86	101.2	0.86	23.2	12,157	21.6	4.7	17.9	6.5	4.9	23.3
20.449	85.4	1	3:47 PM	108.5	6364	15.12	11.38	9.08	6.47	4.95	3.14	2.3	1.85	8.81	102.3	0.87	34.1	9,336	15.6	3.9	13.7	5.9	4.6	15.8
20.449	85.4	2	3:47 PM	108.5	6298	13.4	10.81	8.67	6.22	4.8	3.08	2.28	1.83	8.48	102.3	0.87	31.2	9,741	16.4	4.2	14.8	6.0	4.6	17.3
20.449	85.4	3	3:47 PM	108.5	8296	17.89	14.28	11.47	8.26	6.36	4.08	3.01	2.43	11.3	102.3	0.87	31.5	9,666	16.3	4.1	14.6	6.0	4.6	17.1
20.449	85.4	4	3:47 PM	108.5	8833	19.08	15.12	12.12	8.73	6.72	4.3	3.18	2.54	12	102.3	0.87	31.5	9,721	16.4	4.1	14.6	6.0	4.6	17.1
20.549	86.7	1	3:48 PM	108.4	6496	12.09	10.3	8.6	6.53	5.3	3.53	2.56	2.02	8.61	102.3	0.88	28.3	9,392	15.7	4.6	16.5	6.1	4.7	19.1
20.549	86.7	2	3:48 PM	108.4	6320	12.55	9.98	8.36	6.4	5.22	3.52	2.61	2.04	8.57	102.3	0.88	29.9	9,203	15.3	4.5	15.8	6.0	4.6	18.1
20.549	86.7	3	3:48 PM	108.4	8296	16.08	13.09	10.98	8.39	6.85	4.63	3.38	2.67	11.2	102.3	0.88	29.3	9,222	15.4	4.5	16.1	6.0	4.6	18.4
20.549	86.7	4	3:48 PM	108.4	8800	17.14	13.84	11.61	8.89	7.25	4.91	3.59	2.82	12	102.3	0.88	29.4	9,238	15.4	4.5	16.0	6.0	4.6	18.3
20.639	86.8	1	3:49 PM	107.5	6704	9.82	7.81	6.45	4.86	3.89	2.6	1.95	1.56	6.76	101.6	0.85	23.0	13,027	23.5	4.6	17.5	6.5	5.0	23.5
20.639	86.8	2	3:49 PM	107.5	6606	9.56	7.62	6.3	4.78	3.83	2.57	1.92	1.56	6.61	101.6	0.85	22.8	13,055	23.6	4.6	17.6	6.5	5.0	23.7
20.639	86.8	3	3:49 PM	107.5	8449	12.5	10.01	8.27	6.28	5.04	3.38	2.52	2.05	8.76	101.6	0.86	23.2	12,700	22.8	4.6	17.5	6.5	4.9	23.2
20.639	86.8	4	3:49 PM	107.5	8877	13.12	10.48	8.65	6.58	5.27	3.56	2.67	2.15	9.22	101.6	0.86	23.2	12,755	22.9	4.6	17.5	6.5	4.9	23.2
20.744	86	1	3:50 PM	106.2	6397	13.07	9.5	7.96	6.02	4.81	3.3	2.54	2.05	7.86	100.7	0.88	30.6	9,928	16.8	4.2	14.9	6.0	4.6	17.6
20.744	86	2	3:50 PM	106.2	6342	12.58	9.27	7.74	5.89	4.72	3.27	2.51	2.04	7.7	100.7	0.88	29.9	10,068	17.1	4.2	15.1	6.1	4.7	18.0
20.744	86	3	3:50 PM	106.2	8361	16.37	12.19	10.16	7.76	6.2	4.28	3.29	2.67	10.2	100.7	0.88	29.6	10,121	17.2	4.3	15.3	6.1	4.7	18.2
20.744	86	4	3:50 PM	106.2	8800	17.12	12.81	10.66	8.14	6.51	4.49	3.45	2.81	10.7	100.7	0.88	29.4	10,153	17.3	4.3	15.3	6.1	4.7	18.3
20.843	85.8	1	3:51 PM	102.3	6485	8.46	6.91	5.61	4.06	3.11	1.91	1.34	1.06	5.67	98.0	0.86	21.3	15,563	29.3	4.4	17.3	6.7	5.1	25.4
20.843	85.8	2	3:51 PM	102.3	6441	8.45	6.58	5.34	3.91	2.97	1.87	1.33	1.05	5.45	98.0	0.86	21.4	16,031	30.4	4.3	17.0	6.7	5.1	25.3
20.843	85.8	3	3:51 PM	102.3	8504	11.11	8.76	7.13	5.25	4.04	2.49	1.76	1.41	7.21	98.0	0.86	21.3	15,675	29.6	4.4	17.2	6.7	5.1	25.3
20.843	85.8	4	3:51 PM	102.3	9020	11.8	9.29	7.57	5.59	4.3	2.65	1.87	1.48	7.7	98.0	0.86	21.3	15,628	29.5	4.4	17.2	6.7	5.1	25.3
20.929	86.3	1	3:52 PM	106.0	6595	10.22	8.23	6.87	5.19	4.07	2.6	1.91	1.55	6.86	100.6	0.86	24.2	12,255	21.8	4.5	17.1	6.4	4.9	22.3
20.929	86.3	2	3:52 PM	106.0	6430	9.91	7.87	6.58	5.02	3.95	2.55	1.92	1.54	6.66	100.6	0.86	24.1	12,314	21.9	4.5	17.1	6.4	4.9	22.4
20.929	86.3	3	3:52 PM	106.0	8438	13.15	10.5	8.77	6.7	5.22	3.36	2.47	2.01	8.87	100.6	0.86	24.3	12,221	21.7	4.5	17.0	6.4	4.9	22.2
20.929	86.3	4	3:52 PM	106.0	8954	13.81	11.07	9.26	7.02	5.53	3.55	2.56	2.07	9.37	100.6	0.86	24.1	12,255	21.8	4.5	17.1	6.4	4.9	22.4
21.023	84.7	1	3:53 PM	104.6	6375	13.3	10.75	8.83	6.45	5.02	3.07	2.13	1.72	8.97	99.7	0.88	31.2	9,525	16.0	4.2	14.9	6.0	4.6	17.3
21.023	84.7	2	3:53 PM	104.6	6441	12.85	10.39	8.56	6.31	4.93	3.04	2.12	1.72	8.75	99.7	0.88	30.0	9,827	16.6	4.3	15.3	6.1	4.7	18.0
21.023	84.7	3	3:53 PM	104.6	8537	17.43	14.09	11.62	8.58	6.67	4.05	2.8	2.24	11.9	99.7	0.88	30.6	9,623	16.2	4.3	15.1	6.0	4.6	17.6
21.023	84.7	4	3:53 PM	104.6	8877	18.35	14.66	12.08	8.93	6.94	4.22	2.91	2.35	12.4	99.7	0.88	30.9	9,597	16.2	4.2	15.0	6.0	4.6	17.5

21.112	86.5	1	3:54 PM	105.3	6244	14.75	12.35	10.18	7.37	5.59	2.98	1.69	1.18	10.2	100.2	0.88	34.3	8,384	13.7	4.2	14.3	5.8	4.5	15.7
21.112	86.5	2	3:54 PM	105.3	6331	13.97	11.8	9.77	7.1	5.4	2.91	1.69	1.19	9.87	100.2	0.88	32.4	8,830	14.6	4.3	14.8	5.9	4.6	16.7
21.112	86.5	3	3:54 PM	105.3	8328	19.76	15.95	13.19	9.6	7.28	3.9	2.27	1.63	13.4	100.2	0.88	34.4	8,542	14.0	4.1	14.2	5.8	4.5	15.7
21.112	86.5	4	3:54 PM	105.3	8800	20.87	16.94	14.03	10.23	7.78	4.2	2.47	1.8	14.3	100.2	0.88	34.4	8,465	13.9	4.1	14.2	5.8	4.5	15.7
21.210	87	1	3:56 PM	107.3	6419	16.81	12.03	9.67	7.01	5.35	3.06	1.95	1.43	9.62	101.7	0.87	37.0	8,643	14.2	3.8	13.1	5.8	4.5	14.6
21.210	87	2	3:56 PM	107.3	6419	15.38	11.44	9.2	6.7	5.13	2.95	1.89	1.43	9.32	101.7	0.87	34.3	9,131	15.2	4.0	13.8	5.9	4.5	15.7
21.210	87	3	3:56 PM	107.3	8471	20.85	15.59	12.59	9.23	7.09	4.08	2.59	1.96	12.8	101.7	0.87	35.2	8,762	14.5	4.0	13.7	5.8	4.5	15.3
21.210	87	4	3:56 PM	107.3	8800	21.79	16.23	13.11	9.62	7.39	4.27	2.72	2.03	13.4	101.7	0.87	35.4	8,727	14.4	4.0	13.6	5.8	4.5	15.3
21.305	87.4	1	3:56 PM	107.4	6507	12.58	10.3	8.72	6.81	5.63	3.89	2.88	2.24	8.68	101.7	0.89	29.5	8,847	14.6	4.6	16.3	6.0	4.6	18.3
21.305	87.4	2	3:56 PM	107.4	6485	12.17	10	8.5	6.67	5.53	3.84	2.84	2.23	8.7	101.7	0.89	28.8	8,968	14.9	4.7	16.6	6.0	4.6	18.7
21.305	87.4	3	3:56 PM	107.4	8504	16.07	13.3	11.29	8.89	7.36	5.13	3.82	3.01	11.6	101.7	0.89	29.0	8,805	14.5	4.7	16.6	6.0	4.6	18.6
21.305	87.4	4	3:56 PM	107.4	8811	16.64	13.78	11.72	9.23	7.65	5.32	3.96	3.11	12.1	101.7	0.89	29.0	8,800	14.5	4.7	16.6	6.0	4.6	18.6
21.406	87.1	1	3:57 PM	108.5	6375	15.04	12.52	10.83	8.67	7	3.86	2.74	2.08	10.1	102.5	0.88	34.5	6,951	10.9	4.6	15.4	5.6	4.4	15.6
21.406	87.1	2	3:57 PM	108.5	6397	14.26	12.15	10.46	8.37	6.78	3.83	2.71	2.07	9.96	102.5	0.88	32.9	7,186	11.4	4.7	15.9	5.7	4.5	16.4
21.406	87.1	3	3:57 PM	108.5	8405	18.56	16.22	14.05	11.23	9.03	5.16	3.63	2.72	13.2	102.5	0.89	32.8	7,069	11.2	4.8	16.1	5.7	4.5	16.5
21.406	87.1	4	3:57 PM	108.5	8888	19.87	17.18	14.88	11.89	9.57	5.5	3.85	2.9	14	102.5	0.89	33.1	7,063	11.1	4.8	16.0	5.7	4.5	16.3
21.509	86.9	1	3:58 PM	106.2	6375	17.21	13.39	10.87	7.7	5.75	3.12	1.85	1.3	11	100.9	0.88	38.2	8,094	13.1	3.9	13.1	5.7	4.4	14.1
21.509	86.9	2	3:58 PM	106.2	6463	16.59	12.96	10.56	7.52	5.63	3.1	1.86	1.31	10.8	100.9	0.87	36.6	8,414	13.8	3.9	13.4	5.8	4.5	14.8
21.509	86.9	3	3:58 PM	106.2	8405	22.11	17.32	14.14	10.11	7.59	4.17	2.52	1.79	14.5	100.9	0.86	37.5	8,140	13.2	3.9	13.3	5.7	4.4	14.4
21.509	86.9	4	3:58 PM	106.2	8899	23.29	18.31	14.93	10.7	8.03	4.41	2.67	1.91	15.3	100.9	0.88	37.3	8,155	13.3	3.9	13.3	5.7	4.4	14.5
21.591	86.8	1	3:59 PM	107.9	6364	16.36	13.37	11.04	8.06	6.02	3.28	1.9	1.36	11.1	102.1	0.87	36.6	7,892	12.7	4.1	13.8	5.7	4.4	14.8
21.591	86.8	2	3:59 PM	107.9	6397	15.78	12.83	10.61	7.74	5.8	3.18	1.87	1.33	10.8	102.1	0.87	35.3	8,232	13.4	4.1	14.1	5.8	4.5	15.3
21.591	86.8	3	3:59 PM	107.9	8427	21.29	17.37	14.36	10.54	7.91	4.31	2.56	1.84	14.6	102.1	0.87	36.0	7,968	12.9	4.1	13.9	5.7	4.5	15.0
21.591	86.8	4	3:59 PM	107.9	8888	22.53	18.35	15.21	11.15	8.39	4.59	2.73	1.99	15.5	102.1	0.87	36.2	7,926	12.8	4.1	13.9	5.7	4.4	14.9
21.683	86.8	1	4:01 PM	109.7	6222	18.24	13.77	10.79	7.48	5.41	2.89	1.87	1.46	10.9	103.5	0.86	40.1	8,108	13.2	3.7	12.4	5.6	4.4	13.5
21.683	86.8	2	4:01 PM	109.7	6419	18.03	13.61	10.71	7.47	5.42	2.93	1.91	1.49	11	103.5	0.86	38.6	8,386	13.7	3.7	12.7	5.7	4.4	14.0
21.683	86.8	3	4:01 PM	109.7	8394	24.19	18.39	14.52	10.17	7.38	3.96	2.57	2.01	14.9	103.5	0.86	39.6	8,091	13.1	3.7	12.6	5.7	4.4	13.6
21.683	86.8	4	4:01 PM	109.7	8811	25.01	19.39	15.31	10.74	7.8	4.2	2.72	2.14	15.8	103.5	0.86	39.1	8,089	13.1	3.8	12.8	5.7	4.4	13.8
21.791	87.1	1	4:02 PM	109.8	6375	18.7	13.57	10.85	7.59	5.62	3.04	1.88	1.37	10.9	103.6	0.86	40.2	8,032	13.0	3.7	12.5	5.6	4.4	13.4
21.791	87.1	2	4:02 PM	109.8	6375	16.64	12.96	10.35	7.27	5.4	2.94	1.81	1.33	10.5	103.6	0.86	36.3	8,552	14.0	3.9	13.4	5.8	4.5	14.9
21.791	87.1	3	4:02 PM	109.8	8394	23.04	17.52	14.02	9.9	7.35	3.98	2.49	1.86	14.4	103.6	0.86	38.0	8,233	13.4	3.8	13.0	5.7	4.4	14.2
21.791	87.1	4	4:02 PM	109.8	8822	23.96	18.39	14.74	10.39	7.72	4.18	2.61	1.95	15.2	103.6	0.86	37.7	8,261	13.5	3.9	13.1	5.7	4.4	14.3
21.875	87.6	1	4:02 PM	109.1	6277	18.82	14.58	11.55	8.03	5.86	3.14	2.11	1.69	11.6	103.1	0.87	41.3	7,666	12.3	3.7	12.4	5.6	4.4	13.1
21.875	87.6	2	4:02 PM	109.1	6375	18.03	14.11	11.22	7.84	5.76	3.13	2.12	1.7	11.4	103.1	0.86	39.2	7,982	12.9	3.8	12.8	5.7	4.4	13.8
21.875	87.6	3	4:02 PM	109.1	8339	23.99	18.86	15.01	10.54	7.75	4.2	2.83	2.28	15.4	103.1	0.87	39.9	7,784	12.5	3.8	12.7	5.6	4.4	13.5
21.875	87.6	4	4:02 PM	109.1	8844	25.49	19.96	15.92	11.19	8.21	4.47	3.04	2.44	16.3	103.1	0.87	40.0	7,787	12.5	3.8	12.7	5.6	4.4	13.5
21.996	87.4	1	4:03 PM	110.1	6298	14.94	12.1	10.09	7.54	5.93	3.75	2.78	2.25	10.2	103.8	0.88	34.4	8,030	13.0	4.3	14.6	5.8	4.5	15.7
21.996	87.4	2	4:03 PM	110.1	6375	14.73	11.89	9.93	7.44	5.86	3.74	2.77	2.28	10.2	103.8	0.88	33.6	8,227	13.4	4.3	14.7	5.8	4.5	16.1
21.996	87.4	3	4:03 PM	110.1	8318	19.24	15.74	13.15	9.87	7.76	4.96	3.68	2.99	13.5	103.8	0.88	33.7	8,120	13.2	4.3	14.8	5.8	4.5	16.0
21.996	87.4	4	4:03 PM	110.1	8822	20.3	16.63	13.88	10.42	8.18	5.21	3.86	3.12	14.3	103.8	0.88	33.5	8,170	13.3	4.3	14.8	5.8	4.5	16.1


BIA 27-30
Eff. Structural Number
Eff. R-value
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
13.0
14.0
15.0
16.0
17.0
18.0
19.0
20.0
21.0
22.0
23.0
Test Location, miles
Eff. G.E.
Eff. R-value


BIA 27-30
Allowable Spring Axle Load, Tons
35
30
25
20
15
10
5
0
13.0
14.0
15.0
16.0
17.0
18.0
19.0
20.0
21.0
22.0
Test Location, miles
AASHTO
TONN

County:	Name
Date Tested:	6/17/2008
Julian:	169
Highway	BIA 27 - 40
From:	22 Mi N US 18
To:	Bridge A112
Dir	NB
Prev Day Temp	75 °F
Bit. Thickness	5.1 inches
Daily ESALs	22.1
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	195,995
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.43

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	1500
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.06
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.06
	21.57	17.09	13.64	9.53	7.00	3.81	2.48	1.93
		0.79	0.63	0.44	0.32	0.18	0.12	0.09

1.3

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

Summary of Analysis Results	$_sBB_{80}$ mils	Esg psi	Eff. R-val	Eff SN inches	Axle Load for Design Defl. Tons AASHTO	Axle Load for Design Defl. Tons Soil Fact.	Axle Load for Design Defl. Tons Inv 183	TONN Tons
Avg. =	45.1	8,649	14.5	3.4	11.7	5.7	4.4	13.1
Median =	42.31	8,376	13.7	3.4	11.6	5.7	4.4	12.8
Std.Dev. =	14.09	3,074	6.4	0.5	2.0	0.5	0.3	3.8
85th % =	31.21	5,599	8.5	3.0	9.7	5.1	4.1	9.1

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
22.109	88	1	4:04 PM	112.0	6277	20.53	16.15	12.61	8.57	6.22	3.3	2.13	1.59	13	102.9	0.85	43.9	7,162	11.3	3.7	12.1	5.5	4.3	12.3
22.109	88	2	4:04 PM	112.0	6408	20	15.73	12.33	8.46	6.15	3.31	2.14	1.59	13	102.9	0.85	42.1	7,430	11.8	3.7	12.4	5.6	4.4	12.8
22.109	88	3	4:04 PM	112.0	8350	26.79	21.1	16.6	11.46	8.28	4.45	2.88	2.18	17	102.9	0.86	43.2	7,202	11.4	3.7	12.2	5.5	4.3	12.5
22.109	88	4	4:04 PM	112.0	8778	28.22	22.29	17.53	12.12	8.82	4.75	3.09	2.31	18	102.9	0.86	43.3	7,132	11.3	3.7	12.2	5.5	4.3	12.5
22.171	88.4	1	4:05 PM	112.9	6430	21.57	17.14	13.58	9.28	6.48	3.12	1.74	1.26	13	103.6	0.84	44.3	7,025	11.1	3.7	12.1	5.5	4.3	12.2
22.171	88.4	2	4:05 PM	112.9	6452	20.66	16.4	13.04	8.98	6.3	3.07	1.74	1.26	13	103.6	0.84	42.5	7,284	11.6	3.7	12.4	5.6	4.3	12.7
22.171	88.4	3	4:05 PM	112.9	8416	27.95	22.27	17.72	12.25	8.59	4.17	2.41	1.78	18	103.6	0.85	44.0	6,985	11.0	3.7	12.2	5.5	4.3	12.3
22.171	88.4	4	4:05 PM	112.9	8888	29.8	23.76	18.91	13.08	9.17	4.48	2.58	1.92	19	103.6	0.85	44.4	6,913	10.9	3.7	12.1	5.5	4.3	12.2
22.251	89	1	4:07 PM	112.2	6178	25.81	15.22	10.44	6.46	4.29	1.91	1.18	0.93	12	103.1	0.81	51.5	7,996	12.9	2.8	9.8	5.5	4.3	10.5
22.251	89	2	4:07 PM	112.2	6189	23.46	14.77	10.31	6.42	4.3	1.96	1.24	0.98	12	103.1	0.81	47.4	8,365	13.7	3.0	10.5	5.6	4.3	11.4
22.251	89	3	4:07 PM	112.2	8241	31.15	19.83	13.88	8.59	5.71	2.63	1.64	1.39	15	103.1	0.81	47.3	8,389	13.7	3.0	10.5	5.6	4.3	11.4
22.251	89	4	4:07 PM	112.2	8789	32.56	21.37	14.92	9.24	6.15	2.85	1.75	1.52	17	103.1	0.81	46.5	8,422	13.8	3.0	10.6	5.6	4.3	11.6
22.342	89.3	1	4:08 PM	112.7	6277	16.5	13.34	10.68	7.33	5.17	2.5	1.46	1.09	11	103.5	0.83	35.3	8,706	14.3	4.0	13.8	5.9	4.5	15.3
22.342	89.3	2	4:08 PM	112.7	6364	16.26	12.98	10.39	7.17	5.1	2.51	1.48	1.1	10	103.5	0.83	34.5	8,951	14.8	4.0	14.0	5.9	4.6	15.7
22.342	89.3	3	4:08 PM	112.7	8361	21.69	17.5	13.91	9.47	6.69	3.27	1.95	1.54	14	103.5	0.83	34.9	8,920	14.8	4.0	13.8	5.9	4.6	15.5
22.342	89.3	4	4:08 PM	112.7	8789	22.89	18.43	14.65	10	7.07	3.46	2.07	1.63	15	103.5	0.83	35.0	8,877	14.7	4.0	13.8	5.9	4.5	15.4
22.440	88.4	1	4:09 PM	113.2	6167	18.67	13.93	10.53	6.74	4.61	2.34	1.51	1.24	10	103.8	0.82	39.5	8,832	14.6	3.5	12.3	5.8	4.5	13.7
22.440	88.4	2	4:09 PM	113.2	6211	17.78	13.38	10.16	6.54	4.5	2.31	1.5	1.22	10	103.8	0.82	37.6	9,200	15.3	3.6	12.7	5.9	4.5	14.4
22.440	88.4	3	4:09 PM	113.2	8318	24.12	18.31	13.94	9.07	6.27	3.26	2.21	1.79	14	103.8	0.82	38.2	8,932	14.8	3.6	12.6	5.8	4.5	14.1
22.440	88.4	4	4:09 PM	113.2	8756	25.54	19.28	14.69	9.59	6.63	3.46	2.33	1.9	15	103.8	0.82	38.4	8,888	14.7	3.6	12.6	5.8	4.5	14.1
22.532	88.2	1	4:10 PM	112.5	6342	18.31	14.69	11.82	8.21	6.05	3.17	1.95	1.5	12	103.4	0.85	39.1	7,631	12.2	3.9	13.2	5.7	4.4	13.8
22.532	88.2	2	4:10 PM	112.5	6430	17.73	14.26	11.53	8.07	5.98	3.18	1.95	1.5	12	103.4	0.85	37.6	7,869	12.7	4.0	13.5	5.7	4.5	14.4
22.532	88.2	3	4:10 PM	112.5	8460	23.91	19.26	15.6	11.02	8.17	4.38	2.76	2.17	16	103.4	0.85	38.5	7,603	12.2	4.0	13.4	5.7	4.4	14.0
22.532	88.2	4	4:10 PM	112.5	8877	25.57	20.34	16.49	11.69	8.67	4.65	2.94	2.32	17	103.4	0.85	39.2	7,503	12.0	4.0	13.2	5.7	4.4	13.8

22.622	87.7	1	4:13 PM	112.4	6255	18.97	15.75	12.97	9.12	6.7	3.48	2.11	1.65	13	103.4	0.86	41.2	6,908	10.9	4.0	13.0	5.5	4.3	13.1
22.622	87.7	2	4:13 PM	112.4	6353	18.69	15.29	12.6	8.89	6.56	3.43	2.1	1.63	13	103.4	0.85	40.0	7,157	11.3	4.0	13.2	5.6	4.4	13.5
22.622	87.7	3	4:13 PM	112.4	8372	25.52	21.08	17.42	12.4	9.13	4.81	2.96	2.39	18	103.4	0.86	41.5	6,805	10.7	4.0	13.0	5.5	4.3	13.0
22.622	87.7	4	4:13 PM	112.4	8800	27.24	22.21	18.33	13.04	9.61	5.04	3.08	2.44	19	103.4	0.86	42.0	6,775	10.6	4.0	12.9	5.5	4.3	12.8
22.718	88.3	1	4:14 PM	111.5	6342	18.78	14.96	12.02	8.25	5.84	3.11	2.14	1.72	12	102.8	0.85	40.1	7,770	12.5	3.8	12.8	5.7	4.4	13.5
22.718	88.3	2	4:14 PM	111.5	6353	18.11	14.45	11.64	8.03	5.71	3.07	2.11	1.71	12	102.8	0.85	38.7	7,994	12.9	3.8	13.0	5.7	4.4	13.9
22.718	88.3	3	4:14 PM	111.5	8339	24.18	19.35	15.64	10.87	7.79	4.23	2.98	2.46	16	102.8	0.85	39.5	7,739	12.4	3.9	13.0	5.7	4.4	13.7
22.718	88.3	4	4:14 PM	111.5	8811	25.54	20.39	16.47	11.44	8.17	4.42	3.09	2.55	17	102.8	0.85	39.4	7,780	12.5	3.8	13.0	5.7	4.4	13.7
22.827	87.5	1	4:15 PM	110.6	6288	25.83	19.84	15.65	10.57	7.52	3.69	2.14	1.63	16	102.2	0.87	54.3	5,859	8.9	3.3	10.6	5.2	4.1	9.9
22.827	87.5	2	4:15 PM	110.6	6331	24.99	19.33	15.32	10.45	7.48	3.73	2.19	1.65	16	102.2	0.87	52.5	5,985	9.1	3.4	10.8	5.2	4.1	10.3
22.827	87.5	3	4:15 PM	110.6	8219	32.9	25.5	20.24	13.86	9.91	4.93	2.95	2.23	21	102.2	0.87	53.2	5,876	8.9	3.4	10.8	5.2	4.1	10.1
22.827	87.5	4	4:15 PM	110.6	8778	35.27	27.39	21.77	14.92	10.67	5.33	3.19	2.45	22	102.2	0.87	53.4	5,837	8.9	3.4	10.8	5.2	4.1	10.1
22.918	87.5	1	4:16 PM	111.0	6200	21.6	17.04	13.41	8.86	6.27	2.96	1.82	1.5	14	102.5	0.85	46.0	6,922	10.9	3.6	11.7	5.5	4.3	11.7
22.918	87.5	2	4:16 PM	111.0	6320	21.26	16.42	12.99	8.7	6.19	2.99	1.87	1.54	13	102.5	0.85	44.6	7,156	11.3	3.6	11.9	5.5	4.3	12.1
22.918	87.5	3	4:16 PM	111.0	8318	28.43	22.44	17.83	12.03	8.59	4.17	2.61	2.17	18	102.5	0.85	45.5	6,867	10.8	3.6	11.8	5.5	4.3	11.9
22.918	87.5	4	4:16 PM	111.0	8767	30.17	23.67	18.83	12.72	9.09	4.42	2.77	2.3	20	102.5	0.85	45.8	6,834	10.7	3.6	11.8	5.5	4.3	11.8
23.017	87.1	1	4:17 PM	111.7	6233	24.39	19.33	15.57	10.47	7.4	3.3	1.91	1.56	15	103.0	0.85	51.3	5,981	9.1	3.5	11.1	5.2	4.2	10.5
23.017	87.1	2	4:17 PM	111.7	6233	23.3	18.52	14.96	10.15	7.22	3.3	1.93	1.58	15	103.0	0.85	49.3	6,170	9.5	3.6	11.4	5.3	4.2	11.0
23.017	87.1	3	4:17 PM	111.7	8153	31.09	24.89	20.15	13.72	9.76	4.45	2.69	2.2	20	103.0	0.86	50.3	5,994	9.2	3.6	11.3	5.3	4.2	10.7
23.017	87.1	4	4:17 PM	111.7	8724	33.52	26.82	21.73	14.83	10.56	4.82	2.93	2.38	22	103.0	0.86	50.7	5,933	9.1	3.6	11.3	5.2	4.2	10.7
23.106	87	1	4:18 PM	111.9	6035	29.37	23.49	18.79	13.12	9.38	4.98	3.26	2.57	19	103.2	0.89	64.8	4,640	6.8	3.3	9.6	4.8	3.9	8.3
23.106	87	2	4:18 PM	111.9	6244	28.82	22.89	18.42	13	9.37	4.99	3.26	2.56	19	103.2	0.89	61.7	4,829	7.1	3.4	10.0	4.9	4.0	8.8
23.106	87	3	4:18 PM	111.9	8131	37.47	30.11	24.26	17.19	12.41	6.61	4.33	3.41	25	103.2	0.89	61.7	4,772	7.0	3.4	10.0	4.9	4.0	8.8
23.106	87	4	4:18 PM	111.9	8669	40.02	32.09	25.94	18.36	13.24	7.05	4.59	3.65	27	103.2	0.89	61.8	4,767	7.0	3.4	10.0	4.9	4.0	8.7
23.203	86.7	1	4:19 PM	110.5	6101	27.78	22.19	17.54	12.13	8.76	4.31	2.46	1.88	18	102.2	0.88	60.5	4,996	7.4	3.3	10.1	5.0	4.0	8.9
23.203	86.7	2	4:19 PM	110.5	6233	26.84	21.65	17.21	12.02	8.76	4.39	2.52	1.92	18	102.2	0.88	57.6	5,162	7.7	3.4	10.4	5.0	4.0	9.4
23.203	86.7	3	4:19 PM	110.5	8142	35.57	28.7	22.9	16.07	11.71	5.87	3.44	2.61	24	102.2	0.88	58.5	5,056	7.5	3.4	10.4	5.0	4.0	9.2
23.203	86.7	4	4:19 PM	110.5	8669	37.94	30.69	24.49	17.2	12.54	6.29	3.67	2.82	26	102.2	0.88	58.6	5,032	7.5	3.4	10.4	5.0	4.0	9.2
23.296	87.1	1	4:20 PM	110.9	6288	26.06	20.24	15.91	10.57	7.31	3.28	1.93	1.55	16	102.5	0.86	54.1	5,952	9.1	3.3	10.5	5.2	4.1	10.0
23.296	87.1	2	4:20 PM	110.9	6211	25.05	19.33	15.26	10.18	7.09	3.24	1.93	1.57	16	102.5	0.86	52.8	6,081	9.3	3.4	10.7	5.2	4.1	10.2
23.296	87.1	3	4:20 PM	110.9	8241	33.66	26.2	20.72	13.91	9.7	4.43	2.63	2.14	22	102.5	0.86	53.5	5,933	9.1	3.4	10.7	5.2	4.1	10.1
23.296	87.1	4	4:20 PM	110.9	8745	35.73	27.89	22.09	14.85	10.35	4.74	2.83	2.29	23	102.5	0.86	53.6	5,911	9.0	3.4	10.7	5.2	4.1	10.1
23.395	87.5	1	4:21 PM	108.2	6255	24.23	18.29	14.15	9.11	6.3	2.93	1.78	1.37	14	100.7	0.86	51.1	6,685	10.4	3.2	10.7	5.3	4.2	10.6
23.395	87.5	2	4:21 PM	108.2	6288	23.17	17.47	13.6	8.83	6.14	2.91	1.76	1.37	14	100.7	0.86	48.9	6,944	10.9	3.3	11.0	5.4	4.2	11.1
23.395	87.5	3	4:21 PM	108.2	8208	30.81	23.42	18.28	11.93	8.31	3.95	2.43	1.86	19	100.7	0.86	49.8	6,741	10.5	3.3	10.9	5.4	4.2	10.8
23.395	87.5	4	4:21 PM	108.2	8811	33.02	25.23	19.72	12.89	8.99	4.29	2.65	2.02	20	100.7	0.86	49.8	6,712	10.5	3.3	10.9	5.4	4.2	10.8
23.481	86.7	1	4:22 PM	108.6	6189	28.79	21.07	15.75	9.68	6.09	1.76	0.25	0.09	16	101.0	0.82	57.4	6,296	9.7	3.0	9.7	5.2	4.1	9.4
23.481	86.7	2	4:22 PM	108.6	6200	26.39	19.95	15.02	9.34	5.94	1.79	0.31	0.12	16	101.0	0.82	53.1	6,639	10.3	3.1	10.3	5.3	4.2	10.2
23.481	86.7	3	4:22 PM	108.6	8263	34.56	25.95	19.37	11.9	7.52	2.16	0.31	0.16	21	101.0	0.81	51.8	6,890	10.8	3.1	10.4	5.4	4.2	10.4
23.481	86.7	4	4:22 PM	108.6	8866	36.93	27.67	20.62	12.66	7.97	2.27	0.47	0.18	22	101.0	0.81	51.5	6,952	10.9	3.1	10.4	5.4	4.2	10.5
23.582	86.2	1	4:23 PM	108.1	6255	18.22	13.02	10.06	6.76	5.05	2.87	1.79	1.35	10	100.7	0.86	39.9	8,535	14.0	3.6	12.3	5.8	4.4	13.5
23.582	86.2	2	4:23 PM	108.1	6397	18.01	12.83	9.98	6.73	5.09	2.92	1.82	1.39	10	100.7	0.86	38.7	8,720	14.4	3.6	12.6	5.8	4.5	13.9
23.582	86.2	3	4:23 PM	108.1	8405	23.67	17.23	13.36	9.24	6.89	3.87	2.56	1.98	14	100.7	0.86	38.8	8,548	14.0	3.7	12.7	5.8	4.5	13.9
23.582	86.2	4	4:23 PM	108.1	8822	24.67	18.11	14.13	9.77	7.28	4.12	2.72	2.09	14	100.7	0.86	38.6	8,530	14.0	3.7	12.7	5.8	4.5	14.0

23.671	86.1	1	4:25 PM	106.3	6353	13.81	10.9	8.5	5.71	3.96	1.53	0.61	0.38	8.7	99.5	0.82	29.9	11,186	19.5	4.0	14.5	6.2	4.7	18.0
23.671	86.1	2	4:25 PM	106.3	6397	13.22	10.33	8.14	5.45	3.8	1.5	0.59	0.33	8.3	99.5	0.82	28.7	11,747	20.7	4.0	14.8	6.3	4.8	18.8
23.671	86.1	3	4:25 PM	106.3	8515	17.31	13.37	10.38	6.94	4.8	1.89	0.7	0.35	11	99.5	0.81	28.2	12,227	21.7	4.0	14.8	6.3	4.8	19.2
23.671	86.1	4	4:25 PM	106.3	8888	17.98	13.87	10.74	7.16	4.99	1.97	0.7	0.33	11	99.5	0.81	28.1	12,281	21.9	4.0	14.8	6.4	4.8	19.3
23.764	87.4	1	4:26 PM	105.9	6507	14.94	11.65	9.29	6.5	4.7	2.39	1.33	0.91	9.3	100.0	0.85	32.3	9,940	16.9	4.0	14.2	6.1	4.6	16.7
23.764	87.4	2	4:26 PM	105.9	6430	14.16	11.13	8.88	6.24	4.53	2.33	1.31	0.89	8.9	100.0	0.85	31.2	10,241	17.5	4.0	14.5	6.1	4.7	17.3
23.764	87.4	3	4:26 PM	106.9	8383	19.35	15.22	11.98	8.23	5.92	3	1.67	1.15	12	100.0	0.84	32.4	10,082	17.2	3.9	14.1	6.1	4.6	16.7
23.764	87.4	4	4:26 PM	106.9	8855	20.48	16.11	12.66	8.72	6.25	3.15	1.74	1.2	13	100.0	0.84	32.4	10,079	17.1	3.9	14.1	6.1	4.6	16.7
23.865	87	1	4:27 PM	107.0	6298	11.76	9.08	7.24	5.16	3.96	2.45	1.72	1.3	7.1	100.0	0.85	27.5	11,635	20.4	4.2	15.5	6.3	4.8	19.6
23.865	87	2	4:27 PM	107.0	6386	11.99	8.83	7.09	5.09	3.93	2.46	1.73	1.3	7.1	100.0	0.85	27.6	11,803	20.8	4.1	15.3	6.3	4.8	19.6
23.865	87	3	4:27 PM	107.0	8427	15.26	11.88	9.57	6.95	5.39	3.38	2.37	1.8	9.6	100.0	0.85	26.9	11,570	20.3	4.3	15.9	6.3	4.8	20.0
23.865	87	4	4:27 PM	107.0	8877	16.17	12.52	10.09	7.33	5.71	3.6	2.52	1.91	10	100.0	0.85	27.1	11,504	20.2	4.3	15.8	6.3	4.8	19.9
23.960	86.2	1	4:29 PM	106.2	6167	19.24	15.76	12.53	8.59	6.15	3	1.68	1.22	12	99.5	0.87	42.9	7,232	11.5	3.7	12.3	5.6	4.3	12.6
23.960	86.2	2	4:29 PM	106.2	6145	18.82	15.13	12.06	8.31	5.99	2.96	1.67	1.2	12	99.5	0.87	42.2	7,390	11.8	3.7	12.4	5.6	4.4	12.8
23.960	86.2	3	4:29 PM	106.2	8285	25.92	21.01	16.81	11.65	8.37	4.09	2.32	1.7	17	99.5	0.87	43.0	7,160	11.3	3.7	12.3	5.5	4.3	12.6
23.960	86.2	4	4:29 PM	106.2	8745	27.7	22.21	17.78	12.33	8.88	4.35	2.5	1.83	18	99.5	0.87	43.5	7,109	11.2	3.7	12.2	5.5	4.3	12.4
24.050	86.4	1	4:30 PM	106.6	6430	19.64	15.18	12.11	8.24	5.97	2.88	1.66	1.24	12	99.8	0.86	41.7	7,653	12.3	3.7	12.3	5.6	4.4	12.9
24.050	86.4	2	4:30 PM	106.6	6375	18.07	14.41	11.51	7.85	5.71	2.76	1.63	1.23	12	99.8	0.86	39.0	8,026	13.0	3.8	12.9	5.7	4.4	13.8
24.050	86.4	3	4:30 PM	106.6	8372	24.4	19.5	15.58	10.69	7.76	3.76	2.21	1.7	16	99.8	0.86	40.1	7,771	12.5	3.8	12.8	5.7	4.4	13.5
24.050	86.4	4	4:30 PM	106.6	8877	26.22	20.84	16.65	11.44	8.32	4.03	2.41	1.83	17	99.8	0.86	40.6	7,679	12.3	3.8	12.7	5.6	4.4	13.3
24.145	86.2	1	4:32 PM	105.4	6364	19.57	16.21	13.33	9.85	7.6	4.69	3.19	2.32	13	99.1	0.90	43.9	6,311	9.7	4.0	12.7	5.4	4.3	12.3
24.145	86.2	2	4:32 PM	105.4	6342	18.97	15.46	12.76	9.53	7.36	4.57	3.17	2.31	13	99.1	0.90	42.8	6,493	10.1	4.0	12.9	5.5	4.3	12.6
24.145	86.2	3	4:32 PM	105.4	8142	25.67	21.15	17.46	13.02	10.07	6.24	4.24	3.11	18	99.1	0.90	45.0	6,103	9.4	4.0	12.6	5.4	4.2	12.0
24.145	86.2	4	4:32 PM	105.4	8658	27.98	22.7	18.7	14.01	10.83	6.68	4.52	3.28	19	99.1	0.90	45.9	6,021	9.2	3.9	12.4	5.3	4.2	11.8
24.247	86.7	1	4:33 PM	106.0	6309	27.42	22.3	17.44	11.1	7.2	2.15	0.26	0	18	99.5	0.84	55.6	5,923	9.0	3.2	10.3	5.2	4.1	9.7
24.247	86.7	2	4:33 PM	106.0	6189	26.09	20.91	16.28	10.56	6.93	2.17	0.32	0.04	17	99.5	0.85	54.3	6,061	9.3	3.3	10.4	5.2	4.1	9.9
24.247	86.7	3	4:33 PM	106.0	8131	35.33	28.31	22.01	14.26	9.28	2.77	0.3	0.1	23	99.5	0.84	55.6	5,923	9.0	3.2	10.3	5.2	4.1	9.7
24.247	86.7	4	4:33 PM	106.0	8647	37.76	30.14	23.44	15.2	9.93	2.93	0.41	0.25	24	99.5	0.84	55.8	5,888	9.0	3.2	10.3	5.2	4.1	9.7
24.335	86.6	1	4:34 PM	107.1	6496	13.08	10.33	8.54	6.37	5.02	3.13	2.1	1.54	8.2	100.2	0.86	29.7	9,734	16.4	4.3	15.6	6.1	4.7	18.2
24.335	86.6	2	4:34 PM	107.1	6386	12.13	9.89	8.2	6.16	4.87	3.04	2.07	1.57	8	100.2	0.86	28.3	9,929	16.8	4.5	16.2	6.2	4.7	19.1
24.335	86.6	3	4:34 PM	107.1	8427	16.77	13.51	11.26	8.43	6.65	4.17	2.84	2.07	11	100.2	0.87	29.5	9,579	16.1	4.4	15.8	6.1	4.7	18.3
24.335	86.6	4	4:34 PM	107.1	8855	17.77	14.26	11.89	8.93	7.06	4.43	3	2.21	12	100.2	0.87	29.7	9,484	15.9	4.4	15.8	6.1	4.7	18.2
24.430	86.5	1	4:35 PM	108.7	6255	15.15	12.07	9.79	7.25	5.72	3.86	2.9	2.34	10	101.3	0.88	34.9	8,202	13.3	4.2	14.3	5.8	4.5	15.5
24.430	86.5	2	4:35 PM	108.7	6397	15.04	11.88	9.67	7.18	5.68	3.83	2.85	2.27	9.9	101.3	0.87	34.0	8,448	13.8	4.2	14.5	5.9	4.5	15.9
24.430	86.5	3	4:35 PM	108.7	8383	20.19	15.82	12.9	9.6	7.59	5.11	3.77	3.01	13	101.3	0.88	34.7	8,279	13.5	4.2	14.3	5.8	4.5	15.5
24.430	86.5	4	4:35 PM	108.7	8833	20.9	16.66	13.58	10.13	8.02	5.41	4.02	3.19	14	101.3	0.88	34.2	8,285	13.5	4.2	14.5	5.9	4.5	15.8
24.521	86.4	1	4:36 PM	110.3	6331	18.11	12.4	9	5.75	3.95	2.07	1.47	1.28	9.1	102.4	0.82	37.5	10,062	17.1	3.4	12.2	5.9	4.6	14.4
24.521	86.4	2	4:36 PM	110.3	6430	17.41	11.91	8.66	5.58	3.89	2.06	1.5	1.29	8.8	102.4	0.82	35.8	10,482	18.0	3.4	12.5	6.0	4.6	15.1
24.521	86.4	3	4:36 PM	110.3	8493	23.03	16.18	11.85	7.56	5.23	2.81	2.04	1.72	12	102.4	0.82	35.9	10,367	17.7	3.5	12.5	6.0	4.6	15.0
24.521	86.4	4	4:36 PM	110.3	8822	24.09	16.81	12.33	7.89	5.46	2.91	2.13	1.8	13	102.4	0.82	36.1	10,307	17.6	3.5	12.5	6.0	4.6	15.0
24.620	85.8	1	4:37 PM	106.9	6397	14.28	10.91	8.83	6.38	4.66	2.44	1.44	1	8.9	100.2	0.85	31.6	9,959	16.9	4.0	14.5	6.1	4.7	17.1
24.620	85.8	2	4:37 PM	106.9	6277	13.26	10.37	8.41	6.09	4.48	2.37	1.39	0.99	8.5	100.2	0.85	30.2	10,257	17.5	4.1	15.0	6.1	4.7	17.9
24.620	85.8	3	4:37 PM	106.9	8131	17.8	14.16	11.36	8.08	5.93	3.12	1.84	1.31	12	100.2	0.85	31.2	10,002	17.0	4.1	14.7	6.1	4.7	17.3
24.620	85.8	4	4:37 PM	106.9	8866	19.57	15.48	12.42	8.83	6.45	3.39	2	1.43	13	100.2	0.85	31.3	9,999	17.0	4.1	14.6	6.1	4.7	17.2

24.717	85.8	1	4:38 PM	108.2	6397	14.95	10.93	8.92	6.23	4.56	2.36	1.4	1.04	9	101.1	0.84	32.5	9,979	16.9	3.9	14.1	6.1	4.6	16.6
24.717	85.8	2	4:38 PM	108.2	6452	14.19	10.61	8.68	6.08	4.44	2.32	1.4	1.05	8.7	101.1	0.84	30.9	10,416	17.9	4.0	14.6	6.1	4.7	17.5
24.717	85.8	3	4:38 PM	108.2	8460	18.91	14.31	11.73	8.28	6.07	3.18	1.93	1.44	12	101.1	0.84	31.4	10,065	17.1	4.0	14.5	6.1	4.7	17.2
24.717	85.8	4	4:38 PM	108.2	8844	19.73	14.94	12.24	8.63	6.33	3.36	2.16	1.55	12	101.1	0.84	31.4	10,088	17.2	4.0	14.5	6.1	4.7	17.2
24.803	85.2	1	4:39 PM	108.9	6233	12.96	9.76	7.61	5.35	3.96	2.26	1.48	1.09	7.6	101.6	0.83	29.4	11,201	19.5	4.0	14.8	6.2	4.8	18.4
24.803	85.2	2	4:39 PM	108.9	6375	12.61	9.65	7.54	5.33	3.96	2.29	1.51	1.14	7.6	101.6	0.83	28.2	11,552	20.3	4.1	15.2	6.3	4.8	19.1
24.803	85.2	3	4:39 PM	108.9	8328	17.1	12.94	10.19	7.13	5.3	3.05	2.04	1.56	10	101.6	0.83	29.1	11,232	19.6	4.0	14.9	6.2	4.8	18.5
24.803	85.2	4	4:39 PM	108.9	8756	17.59	13.56	10.68	7.48	5.55	3.2	2.13	1.63	11	101.6	0.83	28.6	11,337	19.8	4.1	15.1	6.3	4.8	18.9
24.920	86.2	1	4:40 PM	107.1	6759	10.94	8.57	6.82	4.9	3.81	2.4	1.71	1.32	6.8	100.4	0.84	24.4	13,086	23.6	4.3	16.5	6.5	5.0	22.1
24.920	86.2	2	4:40 PM	107.1	6628	10.54	8.25	6.6	4.79	3.76	2.4	1.71	1.34	6.6	100.4	0.84	24.1	13,073	23.6	4.4	16.7	6.5	5.0	22.4
24.920	86.2	3	4:40 PM	107.1	8427	14.08	11.07	8.89	6.46	5.06	3.22	2.31	1.8	8.9	100.4	0.85	25.2	12,372	22.1	4.3	16.5	6.5	4.9	21.5
24.920	86.2	4	4:40 PM	107.1	8822	14.85	11.63	9.36	6.8	5.32	3.37	2.42	1.89	9.5	100.4	0.85	25.3	12,310	21.9	4.3	16.4	6.4	4.9	21.3
25.007	85.8	1	4:41 PM	110.0	6375	13.31	10.03	7.81	5.33	3.94	2.21	1.46	1.17	8	102.3	0.82	29.2	11,401	19.9	4.0	14.8	6.3	4.8	18.5
25.007	85.8	2	4:41 PM	110.0	6463	13.03	9.76	7.63	5.24	3.87	2.17	1.47	1.15	7.8	102.3	0.82	28.3	11,780	20.8	4.0	15.0	6.3	4.8	19.1
25.007	85.8	3	4:41 PM	110.0	8460	17.65	13	10.2	7.08	5.24	2.94	1.94	1.52	11	102.3	0.82	29.2	11,386	19.9	4.0	14.8	6.3	4.8	18.5
25.007	85.8	4	4:41 PM	110.0	8899	18.48	13.69	10.76	7.48	5.54	3.12	2.08	1.63	11	102.3	0.83	29.1	11,364	19.9	4.0	14.8	6.3	4.8	18.6
25.088	86.4	1	4:42 PM	107.6	6167	14.44	11.19	8.86	6.37	4.87	3.16	2.33	1.93	9	100.7	0.87	33.6	9,267	15.5	4.0	14.1	6.0	4.6	16.1
25.088	86.4	2	4:42 PM	107.6	6222	13.65	10.88	8.68	6.26	4.81	3.15	2.33	1.9	8.7	100.7	0.86	31.8	9,567	16.1	4.1	14.7	6.0	4.6	17.0
25.088	86.4	3	4:42 PM	107.6	8263	18.58	14.59	11.65	8.42	6.52	4.26	3.2	2.57	12	100.7	0.87	32.5	9,364	15.7	4.1	14.5	6.0	4.6	16.6
25.088	86.4	4	4:42 PM	107.6	8921	20.25	15.76	12.48	9.06	7.01	4.56	3.36	2.75	13	100.7	0.87	32.7	9,374	15.7	4.1	14.4	6.0	4.6	16.5
25.187	87.9	1	4:43 PM	106.8	6353	11.66	9.21	7.84	6.09	5	3.41	2.46	1.88	8	100.2	0.87	27.9	9,680	16.3	4.6	16.7	6.2	4.7	19.4
25.187	87.9	2	4:43 PM	106.8	6452	11.78	9.03	7.7	6	4.95	3.39	2.45	1.89	7.9	100.2	0.87	27.7	9,915	16.8	4.6	16.6	6.2	4.7	19.5
25.187	87.9	3	4:43 PM	106.8	8482	14.76	12.06	10.29	8.06	6.65	4.57	3.33	2.54	11	100.2	0.87	26.8	9,759	16.5	4.7	17.3	6.2	4.8	20.2
25.187	87.9	4	4:43 PM	106.8	8888	15.61	12.68	10.84	8.5	7.03	4.85	3.52	2.7	11	100.2	0.87	27.0	9,674	16.3	4.7	17.2	6.2	4.8	20.0
25.287	86.7	1	4:44 PM	108.0	6288	14.96	11.8	9.43	6.59	4.81	2.51	1.47	1.05	9.4	101.0	0.84	33.2	9,444	15.8	4.0	14.1	6.0	4.6	16.3
25.287	86.7	2	4:44 PM	108.0	6408	14.47	11.59	9.28	6.51	4.77	2.52	1.48	1.05	9.3	101.0	0.84	31.8	9,773	16.5	4.1	14.6	6.1	4.6	17.0
25.287	86.7	3	4:44 PM	108.0	8427	19.67	15.7	12.59	8.89	6.5	3.42	2.02	1.47	13	101.0	0.85	33.0	9,412	15.8	4.0	14.3	6.0	4.6	16.4
25.287	86.7	4	4:44 PM	108.0	8877	21.13	16.51	13.26	9.35	6.85	3.61	2.13	1.55	13	101.0	0.85	33.3	9,384	15.7	4.0	14.2	6.0	4.6	16.2
25.377	87.6	1	4:45 PM	107.0	6331	16.49	13.04	10.33	7.09	5.02	2.51	1.61	1.33	10	100.4	0.85	35.9	8,966	14.9	3.8	13.4	5.9	4.5	15.0
25.377	87.6	2	4:45 PM	107.0	6419	16.09	12.7	10.13	6.98	4.98	2.53	1.63	1.33	10	100.4	0.85	34.8	9,209	15.4	3.9	13.6	5.9	4.6	15.5
25.377	87.6	3	4:45 PM	107.0	8471	21.61	17.2	13.7	9.51	6.81	3.44	2.18	1.81	14	100.4	0.85	35.4	8,935	14.8	3.9	13.6	5.9	4.5	15.3
25.377	87.6	4	4:45 PM	107.0	8800	22.59	17.94	14.3	9.91	7.11	3.58	2.27	1.86	15	100.4	0.85	35.6	8,887	14.7	3.9	13.6	5.9	4.5	15.2
25.474	87.7	1	4:47 PM	104.7	6375	13.04	10.52	8.62	6.37	4.93	3	2.04	1.53	8.6	98.8	0.87	30.3	9,702	16.4	4.3	15.3	6.1	4.7	17.8
25.474	87.7	2	4:47 PM	104.7	6298	12.65	10.2	8.39	6.26	4.88	3.02	2.05	1.57	8.5	98.8	0.87	29.9	9,717	16.4	4.3	15.5	6.1	4.7	18.0
25.474	87.7	3	4:47 PM	104.7	8350	16.98	13.72	11.32	8.44	6.58	4.04	2.75	2.09	11	98.8	0.87	30.2	9,561	16.1	4.3	15.4	6.1	4.7	17.9
25.474	87.7	4	4:47 PM	104.7	8811	17.93	14.53	11.98	8.89	6.91	4.31	2.94	2.23	12	98.8	0.87	30.3	9,598	16.2	4.3	15.4	6.1	4.7	17.8
25.568	87.3	1	4:48 PM	104.8	6441	13.87	10.7	8.4	5.94	4.5	2.67	1.84	1.45	8.5	98.9	0.86	31.3	10,367	17.7	4.0	14.4	6.1	4.7	17.3
25.568	87.3	2	4:48 PM	104.8	6463	13.39	10.26	8.1	5.78	4.38	2.63	1.83	1.44	8.3	98.9	0.86	30.3	10,712	18.5	4.0	14.7	6.2	4.7	17.8
25.568	87.3	3	4:48 PM	104.8	8515	17.85	13.8	10.94	7.85	5.96	3.59	2.5	1.96	11	98.9	0.86	30.6	10,428	17.9	4.0	14.7	6.1	4.7	17.6
25.568	87.3	4	4:48 PM	104.8	8888	18.64	14.4	11.42	8.19	6.24	3.76	2.61	2.06	12	98.9	0.86	30.6	10,404	17.8	4.1	14.7	6.1	4.7	17.6
25.670	86.8	1	4:49 PM	106.4	6375	13.38	11.48	9.65	7.39	5.98	3.91	2.8	2.13	9.5	100.0	0.88	31.3	8,161	13.3	4.6	16.0	5.9	4.6	17.2
25.670	86.8	2	4:49 PM	106.4	6441	13.38	11.21	9.43	7.28	5.89	3.88	2.79	2.14	9.4	100.0	0.88	31.0	8,378	13.7	4.6	16.0	5.9	4.6	17.4
25.670	86.8	3	4:49 PM	106.4	8548	18.1	15.19	12.75	9.87	7.95	5.19	3.67	2.82	13	100.0	0.88	31.5	8,238	13.4	4.5	15.8	5.9	4.6	17.1
25.670	86.8	4	4:49 PM	106.4	8844	18.67	15.69	13.17	10.21	8.22	5.36	3.79	2.94	13	100.0	0.88	31.5	8,243	13.4	4.6	15.9	5.9	4.6	17.2

25.757	86.8	1	4:50 PM	108.3	6408	14.15	11.44	9.57	7.19	5.63	3.54	2.45	1.94	9.4	101.3	0.87	32.1	8,608	14.1	4.4	15.3	5.9	4.6	16.8
25.757	86.8	2	4:50 PM	108.3	6244	12.85	10.8	9.08	6.85	5.39	3.43	2.42	1.97	9	101.3	0.87	30.3	8,811	14.6	4.5	16.0	6.0	4.6	17.8
25.757	86.8	3	4:50 PM	108.3	8394	17.77	14.82	12.46	9.39	7.37	4.62	3.25	2.55	12	101.3	0.87	31.0	8,655	14.2	4.5	15.7	6.0	4.6	17.4
25.757	86.8	4	4:50 PM	108.3	8921	19.16	15.71	13.2	9.96	7.85	4.94	3.45	2.75	13	101.3	0.87	31.4	8,625	14.2	4.4	15.6	6.0	4.6	17.2
25.853	86	1	4:51 PM	108.3	6298	13.07	10.28	8.37	6.05	4.57	2.57	1.59	1.12	8.3	101.4	0.84	29.7	10,175	17.3	4.2	15.3	6.1	4.7	18.2
25.853	86	2	4:51 PM	108.3	6507	12.86	10.31	8.43	6.13	4.66	2.65	1.64	1.19	8.4	101.4	0.84	28.6	10,391	17.8	4.3	15.7	6.2	4.7	18.9
25.853	86	3	4:51 PM	108.3	8427	17.35	13.72	11.24	8.21	6.24	3.53	2.21	1.57	11	101.4	0.85	29.6	10,034	17.1	4.3	15.4	6.1	4.7	18.2
25.853	86	4	4:51 PM	108.3	8987	18.29	14.63	11.99	8.74	6.65	3.77	2.34	1.69	12	101.4	0.85	29.3	10,064	17.1	4.3	15.6	6.2	4.7	18.4
25.940	85.5	1	4:52 PM	109.1	6507	16.88	12.52	9.57	6.49	4.64	2.4	1.44	1.08	9.4	101.9	0.83	35.1	9,636	16.2	3.7	13.2	6.0	4.6	15.4
25.940	85.5	2	4:52 PM	109.1	6529	15.98	12.02	9.23	6.29	4.53	2.37	1.45	1.09	9.1	101.9	0.83	33.4	10,010	17.0	3.8	13.7	6.0	4.6	16.1
25.940	85.5	3	4:52 PM	109.1	8570	21.23	16.1	12.45	8.53	6.15	3.2	1.98	1.51	12	101.9	0.83	33.9	9,749	16.5	3.8	13.7	6.0	4.6	15.9
25.940	85.5	4	4:52 PM	109.1	8921	22.02	16.72	12.95	8.86	6.39	3.3	2	1.48	13	101.9	0.83	33.7	9,773	16.5	3.8	13.7	6.0	4.6	16.0
26.039	85.2	1	4:54 PM	111.9	6485	16.34	11.02	7.99	5.77	4.72	3.46	2.72	2.2	8	103.9	0.85	35.0	9,603	16.2	3.8	13.3	6.0	4.6	15.4
26.039	85.2	2	4:54 PM	111.9	6595	15.89	10.76	7.88	5.76	4.74	3.48	2.73	2.2	8	103.9	0.85	33.7	9,827	16.6	3.8	13.7	6.0	4.6	16.0
26.039	85.2	3	4:54 PM	111.9	8636	20.78	14.24	10.48	7.66	6.29	4.61	3.61	2.91	11	103.9	0.85	33.7	9,742	16.4	3.9	13.7	6.0	4.6	16.0
26.039	85.2	4	4:54 PM	111.9	8965	21.29	14.74	10.87	7.96	6.54	4.79	3.74	3.04	11	103.9	0.85	33.4	9,771	16.5	3.9	13.9	6.0	4.6	16.2
26.136	63.6	1	9:50 AM	67.8	6770	18.58	15.55	12.97	9.53	7.04	3.96	2.5	1.87	13	68.3	1.08	47.6	7,218	11.4	3.3	11.1	5.5	4.3	11.4
26.136	63.6	2	9:50 AM	67.8	6529	17.88	14.95	12.49	9.15	6.85	3.87	2.48	1.91	12	68.3	1.07	47.4	7,167	11.3	3.4	11.2	5.5	4.3	11.4
26.136	63.6	3	9:50 AM	67.8	8449	23.51	19.6	16.37	11.95	8.98	5.08	3.27	2.52	16	68.3	1.07	48.1	7,072	11.2	3.3	11.1	5.4	4.3	11.2
26.136	63.6	4	9:50 AM	67.8	8910	24.86	20.68	17.28	12.65	9.5	5.36	3.46	2.64	17	68.3	1.07	48.2	7,050	11.1	3.3	11.1	5.4	4.3	11.2
26.235	64.3	1	9:51 AM	70.5	6485	15.81	13.03	10.88	7.93	6.03	3.44	2.34	1.81	11	70.0	1.07	42.8	8,081	13.1	3.4	11.7	5.7	4.4	12.6
26.235	64.3	2	9:51 AM	70.5	6529	15.49	12.81	10.72	7.86	6.01	3.49	2.4	1.86	11	70.0	1.07	41.9	8,186	13.3	3.5	11.9	5.7	4.4	12.9
26.235	64.3	3	9:51 AM	70.5	8559	20.52	16.96	14.2	10.47	7.98	4.65	3.12	2.43	14	70.0	1.07	42.2	8,085	13.1	3.5	11.9	5.7	4.4	12.8
26.235	64.3	4	9:51 AM	70.5	8899	21.31	17.65	14.8	10.93	8.35	4.85	3.27	2.54	15	70.0	1.07	42.2	8,043	13.0	3.5	12.0	5.7	4.4	12.8
26.335	64.7	1	9:52 AM	70.0	6430	20.52	17.09	14.19	10.42	7.87	3.67	2.54	1.99	14	69.7	1.07	53.7	6,145	9.4	3.3	10.5	5.2	4.1	10.1
26.335	64.7	2	9:52 AM	70.0	6485	19.95	16.63	13.81	10.2	7.77	3.78	2.6	2.03	14	69.7	1.07	52.0	6,293	9.7	3.3	10.7	5.3	4.2	10.4
26.335	64.7	3	9:52 AM	70.0	8394	26.12	21.89	18.19	13.53	10.23	4.98	3.44	2.66	18	69.7	1.07	52.4	6,192	9.5	3.3	10.7	5.3	4.2	10.3
26.335	64.7	4	9:52 AM	70.0	8855	27.55	23.04	19.19	14.27	10.85	5.26	3.66	2.85	19	69.7	1.07	52.4	6,163	9.5	3.4	10.7	5.3	4.2	10.3
26.426	65	1	9:53 AM	71.0	6650	16.76	14.04	11.81	8.9	6.94	4.32	3.02	2.36	12	70.3	1.06	43.6	7,279	11.6	3.6	12.1	5.5	4.3	12.4
26.426	65	2	9:53 AM	71.0	6496	16.29	13.66	11.52	8.72	6.81	4.3	3.02	2.34	12	70.3	1.06	43.4	7,253	11.5	3.7	12.1	5.5	4.3	12.4
26.426	65	3	9:53 AM	71.0	8372	21.45	18.03	15.22	11.59	9.06	5.67	3.96	3.2	15	70.3	1.06	44.1	7,033	11.1	3.7	12.1	5.5	4.3	12.2
26.426	65	4	9:53 AM	71.0	8866	22.69	19.13	16.18	12.24	9.65	6.06	4.18	3.3	16	70.3	1.06	44.1	6,995	11.0	3.7	12.1	5.5	4.3	12.3
26.519	65	1	9:53 AM	69.9	6694	14.3	11.94	9.91	7.33	5.57	2.94	1.99	1.63	9.6	69.6	1.08	38.9	9,060	15.1	3.5	12.3	5.8	4.5	13.9
26.519	65	2	9:53 AM	69.9	6606	13.93	11.66	9.7	7.2	5.5	2.91	2.06	1.68	9.4	69.6	1.08	38.5	9,073	15.1	3.5	12.4	5.8	4.5	14.0
26.519	65	3	9:53 AM	69.9	8449	18.18	15.27	12.72	9.48	7.24	3.94	2.68	2.18	12	69.6	1.08	39.0	8,827	14.6	3.6	12.4	5.8	4.5	13.8
26.519	65	4	9:53 AM	69.9	8954	19.28	16.19	13.5	10.06	7.71	4.21	2.87	2.31	13	69.6	1.08	39.0	8,789	14.5	3.6	12.4	5.8	4.5	13.8
26.614	65	1	9:54 AM	68.0	6704	13.11	10.81	9.05	6.85	5.33	3.32	2.35	1.88	9.1	68.5	1.08	36.3	9,538	16.0	3.6	12.9	5.9	4.6	14.9
26.614	65	2	9:54 AM	68.0	6639	12.74	10.59	8.9	6.78	5.26	3.3	2.33	1.84	8.9	68.5	1.08	35.8	9,586	16.1	3.7	13.0	5.9	4.6	15.1
26.614	65	3	9:54 AM	68.0	8449	16.63	13.97	11.74	8.87	6.98	4.35	3.08	2.45	12	68.5	1.08	36.5	9,207	15.4	3.7	13.0	5.9	4.5	14.8
26.614	65	4	9:54 AM	68.0	8778	17.29	14.51	12.23	9.31	7.28	4.56	3.2	2.5	12	68.5	1.08	36.5	9,174	15.3	3.7	13.0	5.9	4.5	14.8
26.709	64.8	1	9:55 AM	70.8	6529	16.57	13.37	11.17	8.31	6.45	3.85	2.63	2.02	11	70.2	1.06	44.1	7,631	12.2	3.5	11.7	5.6	4.3	12.3
26.709	64.8	2	9:55 AM	70.8	6419	15.94	13.11	10.97	8.2	6.37	3.84	2.65	2.02	11	70.2	1.06	43.2	7,625	12.2	3.5	11.9	5.6	4.4	12.5
26.709	64.8	3	9:55 AM	70.8	8416	21.17	17.39	14.56	10.93	8.51	5.14	3.5	2.72	15	70.2	1.06	43.7	7,489	12.0	3.6	11.9	5.6	4.3	12.4
26.709	64.8	4	9:55 AM	70.8	8877	22.31	18.33	15.35	11.56	8.99	5.41	3.69	2.87	16	70.2	1.06	43.6	7,480	11.9	3.6	11.9	5.6	4.3	12.4

26.809	65.2	1	9:56 AM	70.5	6770	12.99	11.26	9.68	7.44	5.9	3.55	2.39	1.86	9.4	70.0	1.07	35.4	8,775	14.5	4.0	13.7	5.9	4.5	15.3
26.809	65.2	2	9:56 AM	70.5	6639	12.7	11.01	9.47	7.32	5.81	3.52	2.41	1.87	9.2	70.0	1.07	35.3	8,733	14.4	4.0	13.8	5.9	4.5	15.3
26.809	65.2	3	9:56 AM	70.5	8482	16.71	14.44	12.43	9.62	7.69	4.68	3.15	2.49	12	70.0	1.07	36.0	8,427	13.8	4.0	13.7	5.8	4.5	15.0
26.809	65.2	4	9:56 AM	70.5	8888	17.49	15.1	13	10.05	7.99	4.86	3.3	2.52	13	70.0	1.07	36.0	8,503	13.9	4.0	13.7	5.8	4.5	15.0
26.895	65.5	1	9:57 AM	71.2	6485	16.68	13.18	10.49	7.37	5.57	3.37	2.38	1.89	11	70.4	1.07	44.7	8,499	13.9	3.1	11.0	5.7	4.4	12.1
26.895	65.5	2	9:57 AM	71.2	6496	16.41	12.9	10.32	7.31	5.55	3.41	2.39	1.87	10	70.4	1.07	44.0	8,572	14.1	3.2	11.1	5.7	4.4	12.3
26.895	65.5	3	9:57 AM	71.2	8482	21.47	16.96	13.65	9.66	7.35	4.47	3.17	2.52	14	70.4	1.07	44.1	8,477	13.9	3.2	11.2	5.7	4.4	12.3
26.895	65.5	4	9:57 AM	71.2	8844	22.37	17.68	14.22	10.11	7.65	4.65	3.3	2.62	14	70.4	1.07	44.1	8,490	13.9	3.2	11.2	5.7	4.4	12.3
27.004	65.5	1	9:58 AM	70.7	6419	22.64	18.17	14.85	10.64	7.85	4.29	2.8	2.29	15	70.1	1.06	58.0	6,025	9.2	3.0	9.8	5.2	4.1	9.3
27.004	65.5	2	9:58 AM	70.7	6441	22.11	17.76	14.57	10.5	7.79	4.33	2.82	2.3	15	70.1	1.06	56.6	6,115	9.4	3.1	10.0	5.2	4.1	9.5
27.004	65.5	3	9:58 AM	70.7	8318	28.62	23.04	18.93	13.69	10.16	5.63	3.77	3.06	19	70.1	1.06	56.7	6,065	9.3	3.1	10.0	5.2	4.1	9.5
27.004	65.5	4	9:58 AM	70.7	8822	30.33	24.41	20.08	14.53	10.8	5.98	4.02	3.24	20	70.1	1.06	56.7	6,056	9.3	3.1	10.0	5.2	4.1	9.5
27.084	65.6	1	9:59 AM	70.4	6650	13.04	11.28	9.51	7.25	5.61	3.52	2.44	1.92	9.4	69.9	1.07	36.0	9,089	15.1	3.8	13.3	5.9	4.5	15.0
27.084	65.6	2	9:59 AM	70.4	6650	12.94	11.04	9.31	7.17	5.56	3.55	2.49	1.96	9.3	69.9	1.07	35.7	9,112	15.2	3.8	13.4	5.9	4.5	15.1
27.084	65.6	3	9:59 AM	70.4	8394	16.51	14.09	11.92	9.16	7.17	4.6	3.24	2.59	12	69.9	1.07	36.0	8,974	14.9	3.8	13.3	5.9	4.5	15.0
27.084	65.6	4	9:59 AM	70.4	8844	17.21	14.63	12.4	9.48	7.59	4.82	3.4	2.72	12	69.9	1.07	35.7	8,926	14.8	3.9	13.5	5.9	4.5	15.1
27.184	65.8	1	10:00 AM	70.7	6639	17.03	13.94	11.46	8.3	6.3	3.78	2.64	2.12	11	70.1	1.06	44.5	7,874	12.7	3.4	11.4	5.6	4.3	12.1
27.184	65.8	2	10:00 AM	70.7	6551	16.56	13.56	11.17	8.14	6.22	3.78	2.69	2.15	11	70.1	1.06	44.0	7,893	12.7	3.4	11.6	5.6	4.4	12.3
27.184	65.8	3	10:00 AM	70.7	8460	21.57	17.67	14.62	10.68	8.2	4.97	3.56	2.85	14	70.1	1.06	44.2	7,748	12.5	3.4	11.6	5.6	4.3	12.2
27.184	65.8	4	10:00 AM	70.7	8811	22.45	18.38	15.2	11.2	8.52	5.17	3.72	2.98	15	70.1	1.06	44.2	7,764	12.5	3.4	11.6	5.6	4.3	12.2
27.274	66	1	10:01 AM	70.8	6792	12.59	9.64	7.61	5.29	3.97	2.47	1.83	1.49	7.6	70.2	1.08	34.9	12,292	21.9	3.1	11.9	6.2	4.7	15.5
27.274	66	2	10:01 AM	70.8	6584	12.03	9.2	7.32	5.18	3.9	2.48	1.85	1.48	7.4	70.2	1.08	34.4	12,225	21.7	3.2	12.1	6.2	4.7	15.7
27.274	66	3	10:01 AM	70.8	8570	15.23	11.74	9.4	6.7	5.1	3.27	2.45	2.02	9.5	70.2	1.08	33.7	12,275	21.8	3.3	12.3	6.2	4.7	16.0
27.274	66	4	10:01 AM	70.8	8888	15.64	12.09	9.7	7.01	5.31	3.4	2.57	2.11	9.8	70.2	1.08	33.4	12,270	21.8	3.3	12.4	6.2	4.7	16.2
27.378	66.1	1	10:02 AM	70.9	6617	9.74	7.59	5.99	4.04	2.93	1.61	1.19	1.01	6.2	70.2	1.10	29.8	15,993	30.3	3.0	12.3	6.5	4.9	18.1
27.378	66.1	2	10:02 AM	70.9	6474	9.41	7.28	5.75	3.89	2.83	1.62	1.19	1.01	6	70.2	1.10	29.5	16,200	30.8	3.0	12.3	6.5	4.9	18.3
27.378	66.1	3	10:02 AM	70.9	8493	12.13	9.44	7.46	5.06	3.69	2.15	1.55	1.36	7.6	70.2	1.10	29.1	16,358	31.2	3.1	12.4	6.5	4.9	18.6
27.378	66.1	4	10:02 AM	70.9	8866	12.59	9.8	7.76	5.29	3.88	2.25	1.64	1.39	7.9	70.2	1.10	28.9	16,305	31.0	3.1	12.5	6.5	4.9	18.7
27.466	65.9	1	10:03 AM	69.8	6617	12.42	10.02	8.05	5.63	3.98	2.07	1.33	1.08	8.1	69.6	1.10	35.6	11,999	21.2	3.1	11.8	6.1	4.7	15.2
27.466	65.9	2	10:03 AM	69.8	6496	11.91	9.63	7.75	5.36	3.9	2.05	1.33	1.09	7.8	69.6	1.10	35.0	12,095	21.4	3.2	12.0	6.1	4.7	15.4
27.466	65.9	3	10:03 AM	69.8	8515	15.56	12.54	10.05	6.96	5.05	2.69	1.79	1.47	10	69.6	1.10	34.9	12,214	21.7	3.1	12.0	6.2	4.7	15.5
27.466	65.9	4	10:03 AM	69.8	8866	16.13	13.01	10.46	7.23	5.28	2.83	1.87	1.52	10	69.6	1.09	34.7	12,192	21.7	3.2	12.0	6.2	4.7	15.5
27.569	66.3	1	10:04 AM	70.2	6748	15.8	12.31	9.8	6.76	5.01	2.89	1.46	1.06	11	69.8	1.08	41.8	9,693	16.3	3.1	11.1	5.8	4.5	12.9
27.569	66.3	2	10:04 AM	70.2	6803	15.15	11.9	9.57	6.64	4.81	2.49	1.54	1.12	10	69.8	1.09	40.4	10,182	17.4	3.1	11.2	5.9	4.5	13.4
27.569	66.3	3	10:04 AM	70.2	8669	19.62	15.22	12.31	8.57	6.21	3.15	1.97	1.54	13	69.8	1.09	41.0	10,040	17.1	3.0	11.1	5.9	4.5	13.2
27.569	66.3	4	10:04 AM	70.2	8866	20.15	15.58	12.69	8.83	6.43	3.33	2.02	1.5	14	69.8	1.08	41.1	9,940	16.9	3.1	11.2	5.9	4.5	13.1
27.664	66.6	1	10:05 AM	70.8	6606	15.57	13.11	11.02	8.2	6.07	2.35	1.61	1.17	10	70.2	1.08	42.3	8,206	13.4	3.4	11.8	5.7	4.4	12.8
27.664	66.6	2	10:05 AM	70.8	6441	14.9	12.53	10.49	7.74	5.75	2.36	1.57	1.18	9.8	70.2	1.08	41.6	8,434	13.8	3.4	11.9	5.7	4.4	13.0
27.664	66.6	3	10:05 AM	70.8	8339	19.51	16.39	13.71	10.11	7.39	3.12	2.14	1.57	13	70.2	1.08	41.9	8,469	13.9	3.4	11.8	5.7	4.4	12.9
27.664	66.6	4	10:05 AM	70.8	8811	20.46	17.2	14.37	10.58	7.75	3.28	2.2	1.67	14	70.2	1.08	41.7	8,533	14.0	3.4	11.8	5.7	4.4	13.0
27.762	67.1	1	10:05 AM	71.6	6562	16.2	13.65	11.22	8.01	5.98	3.24	1.9	1.48	11	70.7	1.07	43.2	8,196	13.3	3.4	11.6	5.7	4.4	12.5
27.762	67.1	2	10:05 AM	71.6	6485	15.8	13.17	10.85	7.8	5.84	3.19	1.91	1.46	10	70.7	1.07	42.7	8,296	13.5	3.4	11.6	5.7	4.4	12.6
27.762	67.1	3	10:05 AM	71.6	8296	20.37	17.13	14.13	10.22	7.65	4.2	2.6	1.97	14	70.7	1.07	43.0	8,126	13.2	3.4	11.7	5.7	4.4	12.6
27.762	67.1	4	10:05 AM	71.6	8789	21.57	18.09	14.87	10.83	8.13	4.47	2.79	2.09	14	70.7	1.07	42.9	8,107	13.2	3.4	11.7	5.7	4.4	12.6

27.853	67.5	1	10:06 AM	71.5	6485	17.41	14.22	11.49	8.01	5.88	2.92	2.04	1.68	11	70.6	1.07	46.5	8,074	13.1	3.1	10.8	5.6	4.3	11.6
27.853	67.5	2	10:06 AM	71.5	6452	16.73	13.67	11.06	7.78	5.72	2.92	2.09	1.72	11	70.6	1.07	45.2	8,283	13.5	3.2	11.0	5.6	4.4	12.0
27.853	67.5	3	10:06 AM	71.5	8471	22.18	18.14	14.67	10.3	7.59	3.93	2.8	2.34	15	70.6	1.07	45.5	8,198	13.3	3.2	11.0	5.6	4.4	11.9
27.853	67.5	4	10:06 AM	71.5	8811	23.08	18.74	15.15	10.69	7.86	4.09	2.86	2.43	15	70.6	1.07	45.5	8,224	13.4	3.2	11.0	5.6	4.4	11.9
27.937	67.6	1	10:07 AM	72.9	6562	16.55	13.59	11.05	7.76	5.65	3.08	2	1.51	11	71.5	1.06	43.8	8,525	14.0	3.2	11.2	5.7	4.4	12.3
27.937	67.6	2	10:07 AM	72.9	6452	16.17	13.12	10.7	7.57	5.54	3.08	2	1.54	11	71.5	1.06	43.6	8,557	14.0	3.2	11.3	5.7	4.4	12.4
27.937	67.6	3	10:07 AM	72.9	8449	21.07	17.19	14.07	10.04	7.36	4.15	2.76	2.08	14	71.5	1.06	43.3	8,474	13.9	3.3	11.4	5.7	4.4	12.5
27.937	67.6	4	10:07 AM	72.9	8789	21.85	17.82	14.59	10.42	7.67	4.33	2.89	2.19	15	71.5	1.06	43.2	8,468	13.9	3.3	11.4	5.7	4.4	12.5
28.043	68	1	10:08 AM	72.8	6595	17.1	14.07	11.59	8.3	6.2	3.3	1.93	1.46	12	71.4	1.06	44.7	7,916	12.8	3.3	11.3	5.6	4.3	12.1
28.043	68	2	10:08 AM	72.8	6397	16.3	13.36	11.04	7.94	5.95	3.15	1.93	1.58	11	71.4	1.06	44.1	8,013	13.0	3.3	11.4	5.6	4.4	12.2
28.043	68	3	10:08 AM	72.8	8372	21.56	17.79	14.69	10.64	7.97	4.27	2.65	2.07	15	71.4	1.06	44.5	7,849	12.7	3.4	11.5	5.6	4.3	12.1
28.043	68	4	10:08 AM	72.8	8855	22.85	18.81	15.56	11.26	8.46	4.56	2.84	2.2	16	71.4	1.06	44.5	7,823	12.6	3.4	11.5	5.6	4.3	12.1
28.122	68.2	1	10:09 AM	72.1	6496	16.95	14.04	11.32	7.94	5.74	3.18	2.23	1.94	11	71.0	1.06	45.1	8,291	13.5	3.2	11.0	5.6	4.4	12.0
28.122	68.2	2	10:09 AM	72.1	6441	16.5	13.66	11.04	7.74	5.65	3.18	2.22	1.85	11	71.0	1.06	44.4	8,375	13.7	3.2	11.1	5.7	4.4	12.1
28.122	68.2	3	10:09 AM	72.1	8416	21.43	17.68	14.31	10.11	7.41	4.15	2.91	2.5	14	71.0	1.06	44.2	8,364	13.7	3.2	11.2	5.7	4.4	12.2
28.122	68.2	4	10:09 AM	72.1	8943	22.58	18.69	15.17	10.73	7.86	4.42	3.09	2.65	15	71.0	1.06	43.9	8,391	13.7	3.2	11.3	5.7	4.4	12.3
28.254	68.4	1	10:10 AM	72.0	6441	21.07	17.62	14.65	10.61	8.03	4.54	2.86	2.05	15	70.9	1.05	54.0	6,027	9.2	3.3	10.5	5.2	4.1	10.0
28.254	68.4	2	10:10 AM	72.0	6375	20.44	17.09	14.24	10.33	7.87	4.49	2.85	2.05	14	70.9	1.05	53.1	6,097	9.3	3.3	10.6	5.2	4.1	10.2
28.254	68.4	3	10:10 AM	72.0	8208	26.49	22.2	18.52	13.52	10.27	5.93	3.77	2.9	18	70.9	1.05	53.3	6,021	9.2	3.4	10.6	5.2	4.1	10.1
28.254	68.4	4	10:10 AM	72.0	8811	28.32	23.68	19.75	14.49	10.96	6.35	4.08	3	20	70.9	1.05	53.1	6,055	9.3	3.4	10.7	5.2	4.1	10.2
28.319	68.2	1	10:11 AM	74.1	6485	15.55	13.21	11.13	8.43	6.46	3.78	2.54	1.85	11	72.2	1.05	41.5	7,629	12.2	3.7	12.4	5.6	4.4	13.0
28.319	68.2	2	10:11 AM	74.1	6397	15.35	13.02	10.96	8.34	6.4	3.77	2.55	1.96	11	72.2	1.05	41.5	7,599	12.2	3.7	12.4	5.6	4.4	13.0
28.319	68.2	3	10:11 AM	74.1	8394	20.22	17.15	14.48	11.13	8.53	5.06	3.31	2.71	15	72.2	1.05	41.6	7,488	12.0	3.7	12.5	5.6	4.4	13.0
28.319	68.2	4	10:11 AM	74.1	8822	21.23	17.98	15.22	11.63	8.95	5.28	3.5	2.8	15	72.2	1.05	41.6	7,500	12.0	3.7	12.5	5.6	4.4	13.0
28.406	68.6	1	10:12 AM	74.0	6430	18.23	15.87	13.63	10.4	8.08	3.75	2.72	2.17	13	72.1	1.05	47.7	6,095	9.3	3.7	11.8	5.3	4.2	11.3
28.406	68.6	2	10:12 AM	74.0	6353	17.73	15.37	13.16	10.06	7.8	3.79	2.75	2.21	13	72.1	1.05	47.1	6,240	9.6	3.7	11.9	5.3	4.2	11.5
28.406	68.6	3	10:12 AM	74.0	8350	23.62	20.41	17.55	13.43	10.44	5.09	3.69	2.96	17	72.1	1.05	47.6	6,127	9.4	3.7	11.8	5.3	4.2	11.3
28.406	68.6	4	10:12 AM	74.0	8822	24.97	21.59	18.58	14.25	11.07	5.41	3.93	3.14	18	72.1	1.05	47.6	6,104	9.4	3.7	11.9	5.3	4.2	11.3
28.505	69.2	1	10:13 AM	73.9	6606	27.97	21.75	17.15	11.78	8.49	4.26	2.51	1.89	17	72.1	1.05	67.4	5,526	8.3	2.7	8.7	5.0	4.0	8.0
28.505	69.2	2	10:13 AM	73.9	6298	26.28	20.6	16.3	11.22	8.29	4.2	2.46	1.85	17	72.1	1.05	66.5	5,459	8.2	2.8	8.9	5.0	4.0	8.1
28.505	69.2	3	10:13 AM	73.9	8339	34.59	27.19	21.65	15.07	10.96	5.63	3.36	2.54	22	72.1	1.05	66.1	5,474	8.2	2.8	8.9	5.0	4.0	8.2
28.505	69.2	4	10:13 AM	73.9	8800	36.35	28.54	22.73	15.91	11.7	5.94	3.61	2.69	23	72.1	1.05	65.9	5,436	8.2	2.8	9.0	5.0	4.0	8.2
28.599	68.9	1	10:14 AM	75.3	6386	25.96	21.54	17.93	13.14	9.85	5.4	3.41	2.54	18	72.9	1.03	64.2	4,867	7.2	3.2	9.6	4.9	4.0	8.4
28.599	68.9	2	10:14 AM	75.3	6320	25.61	21.23	17.7	13.07	9.85	5.44	3.48	2.57	18	72.9	1.03	64.0	4,828	7.1	3.2	9.6	4.9	4.0	8.4
28.599	68.9	3	10:14 AM	75.3	8230	33.54	27.87	23.26	17.19	12.97	7.25	4.56	3.44	24	72.9	1.03	64.3	4,779	7.0	3.2	9.6	4.9	4.0	8.4
28.599	68.9	4	10:14 AM	75.3	8778	35.76	29.69	24.81	18.19	13.83	7.89	4.91	3.69	25	72.9	1.03	64.3	4,780	7.0	3.2	9.6	4.9	4.0	8.4
28.702	69.4	1	10:15 AM	75.5	6375	29.32	24.49	20.3	14.72	10.97	5.66	3.12	2.25	20	73.1	1.03	71.6	4,352	6.3	3.0	8.9	4.7	3.9	7.5
28.702	69.4	2	10:15 AM	75.5	6266	28.56	24.02	19.91	14.5	10.85	5.58	3.14	2.26	20	73.1	1.03	71.0	4,336	6.3	3.1	9.0	4.7	3.9	7.6
28.702	69.4	3	10:15 AM	75.5	8032	37.82	31.76	26.37	19.28	14.46	7.45	4.27	3.09	26	73.1	1.03	73.0	4,176	6.0	3.1	8.9	4.7	3.8	7.4
28.702	69.4	4	10:15 AM	75.5	8691	40.87	34.23	28.47	20.86	15.62	8.06	4.65	3.39	29	73.1	1.03	72.9	4,182	6.0	3.1	8.9	4.7	3.8	7.4
28.789	69.9	1	10:16 AM	75.8	6661	32.07	26.74	21.79	15.3	11.24	5.3	2.69	2.02	21	73.2	1.03	74.7	4,377	6.3	2.9	8.5	4.7	3.8	7.2
28.789	69.9	2	10:16 AM	75.8	6518	31.4	26.08	21.27	15	11.09	5.3	2.74	2.05	21	73.2	1.03	74.7	4,349	6.3	2.9	8.6	4.7	3.8	7.2
28.789	69.9	3	10:16 AM	75.8	8241	41.48	34.38	28	19.83	14.62	7	3.67	2.75	28	73.2	1.03	77.7	4,169	6.0	2.8	8.3	4.6	3.8	7.0
28.789	69.9	4	10:16 AM	75.8	8636	44.36	36.6	29.85	21.17	15.58	7.49	3.98	2.99	30	73.2	1.03	79.1	4,096	5.9	2.8	8.2	4.6	3.8	6.8

28.888	70.5	1	10:17 AM	75.2	6430	22.57	18.78	15.52	11.2	8.46	4.63	2.95	2.2	16	72.9	1.04	56.7	5,694	8.6	3.3	10.2	5.1	4.1	9.5
28.888	70.5	2	10:17 AM	75.2	6441	22.31	18.58	15.45	11.2	8.51	4.65	3.1	2.36	15	72.9	1.04	56.1	5,687	8.6	3.3	10.3	5.1	4.1	9.6
28.888	70.5	3	10:17 AM	75.2	8383	29.41	24.54	20.4	14.82	11.27	6.19	4.08	3.14	20	72.9	1.04	56.7	5,594	8.4	3.3	10.3	5.1	4.1	9.5
28.888	70.5	4	10:17 AM	75.2	8778	30.83	25.68	21.35	15.52	11.8	6.48	4.31	3.37	21	72.9	1.04	56.7	5,593	8.4	3.3	10.3	5.1	4.1	9.5
28.985	70	1	10:18 AM	75.4	6562	19.74	16.22	13.63	10.04	7.56	4.15	2.67	2.02	14	73.0	1.04	49.8	6,527	10.1	3.4	11.0	5.3	4.2	10.8
28.985	70	2	10:18 AM	75.4	6485	19.04	15.94	13.43	9.93	7.51	4.15	2.69	2.06	14	73.0	1.04	48.8	6,523	10.1	3.5	11.3	5.4	4.2	11.1
28.985	70	3	10:18 AM	75.4	8427	25.34	21.21	17.87	13.26	10	5.54	3.56	2.74	18	73.0	1.04	49.8	6,366	9.8	3.5	11.2	5.3	4.2	10.9
28.985	70	4	10:18 AM	75.4	8888	26.87	22.36	18.83	13.96	10.56	5.85	3.76	2.88	19	73.0	1.04	50.0	6,354	9.8	3.5	11.1	5.3	4.2	10.8
29.075	69.8	1	10:19 AM	75.5	6463	19.7	16.37	13.77	10.21	7.78	4.45	2.88	2.22	14	73.1	1.04	50.3	6,276	9.7	3.5	11.1	5.3	4.2	10.7
29.075	69.8	2	10:19 AM	75.5	6375	19.18	16.13	13.48	10.02	7.69	4.44	2.89	2.24	13	73.1	1.04	49.7	6,276	9.7	3.5	11.2	5.3	4.2	10.9
29.075	69.8	3	10:19 AM	75.5	8394	25.44	21.33	17.89	13.32	10.17	5.88	3.85	3	18	73.1	1.04	50.0	6,246	9.6	3.5	11.2	5.3	4.2	10.8
29.075	69.8	4	10:19 AM	75.5	8844	26.79	22.35	18.8	14.05	10.7	6.19	4.06	3.16	19	73.1	1.04	50.0	6,254	9.6	3.5	11.2	5.3	4.2	10.8
29.173	70.3	1	10:20 AM	76.1	6277	29.14	23.1	18.3	12.97	9.56	5.13	3.09	2.31	19	73.4	1.03	72.2	4,770	7.0	2.8	8.6	4.8	3.9	7.5
29.173	70.3	2	10:20 AM	76.1	6268	28.09	22.57	17.96	12.89	9.58	5.21	3.17	2.35	19	73.4	1.03	69.7	4,817	7.1	2.9	8.8	4.8	3.9	7.7
29.173	70.3	3	10:20 AM	76.1	8109	36.52	29.32	23.34	16.86	12.51	6.82	4.15	3.14	24	73.4	1.03	70.2	4,762	7.0	2.9	8.8	4.8	3.9	7.7
29.173	70.3	4	10:20 AM	76.1	8745	39.59	31.4	25.07	18.13	13.61	7.5	4.65	2.97	26	73.4	1.03	70.5	4,725	6.9	2.9	8.8	4.8	3.9	7.7
29.267	70.9	1	10:21 AM	76.2	6211	33.3	25.85	20.13	14	10.19	5.35	3.24	2.38	21	73.5	1.03	82.1	4,340	6.3	2.5	7.8	4.6	3.8	6.6
29.267	70.9	2	10:21 AM	76.2	6309	32.64	25.46	19.98	14.07	10.3	5.44	3.29	2.41	21	73.5	1.03	79.5	4,402	6.4	2.6	8.0	4.7	3.8	6.8
29.267	70.9	3	10:21 AM	76.2	8197	42.03	32.91	25.93	18.35	13.47	7.17	4.39	3.26	27	73.5	1.03	78.8	4,392	6.4	2.7	8.1	4.7	3.8	6.9
29.267	70.9	4	10:21 AM	76.2	8778	44.85	35.15	27.8	19.67	14.47	7.71	4.74	3.53	29	73.5	1.03	78.5	4,387	6.4	2.7	8.1	4.7	3.8	6.9
29.360	70.8	1	10:22 AM	77.3	6309	25.17	20.92	17.32	12.25	8.97	4.55	2.68	1.99	17	74.2	1.03	63.0	5,216	7.8	3.1	9.5	5.0	4.0	8.6
29.360	70.8	2	10:22 AM	77.3	6277	24.43	20.18	16.75	11.88	8.71	4.46	2.66	2.07	17	74.2	1.03	61.7	5,344	8.0	3.1	9.6	5.0	4.0	8.8
29.360	70.8	3	10:22 AM	77.3	8318	32.77	27.12	22.5	16.04	11.75	6.07	3.66	2.88	22	74.2	1.03	62.3	5,256	7.8	3.1	9.6	5.0	4.0	8.7
29.360	70.8	4	10:22 AM	77.3	8789	34.61	28.67	23.76	16.99	12.51	6.45	3.88	2.92	24	74.2	1.03	62.3	5,226	7.8	3.1	9.6	5.0	4.0	8.7
29.460	70.9	1	10:23 AM	76.6	6397	21.21	17.72	14.78	10.9	8.19	4.42	2.63	1.9	15	73.8	1.04	53.8	5,881	9.0	3.4	10.6	5.2	4.1	10.0
29.460	70.9	2	10:23 AM	76.6	6386	20.62	17.32	14.48	10.7	8.07	4.4	2.63	1.92	14	73.8	1.04	52.6	5,971	9.1	3.4	10.8	5.2	4.1	10.3
29.460	70.9	3	10:23 AM	76.6	8361	27.32	22.96	19.23	14.26	10.76	5.86	3.55	2.59	19	73.8	1.04	53.1	5,869	8.9	3.4	10.8	5.2	4.1	10.2
29.460	70.9	4	10:23 AM	76.6	8866	28.93	24.25	20.31	15.09	11.39	6.2	3.78	2.79	20	73.8	1.04	53.1	5,878	9.0	3.4	10.8	5.2	4.1	10.2
29.550	70.2	1	10:24 AM	77.0	6485	22.44	18.87	15.95	12.08	9.29	5.27	3.17	2.19	16	74.0	1.03	55.5	5,303	7.9	3.5	10.7	5.1	4.1	9.7
29.550	70.2	2	10:24 AM	77.0	6452	22.22	18.91	16.02	12.24	9.4	5.4	3.24	2.22	16	74.0	1.03	55.3	5,224	7.8	3.6	10.8	5.1	4.1	9.8
29.550	70.2	3	10:24 AM	77.0	8285	29.11	24.79	21.08	16.16	12.42	7.17	4.3	3.03	21	74.0	1.03	56.2	5,080	7.5	3.6	10.8	5.0	4.0	9.6
29.550	70.2	4	10:24 AM	77.0	8691	30.53	26.07	22.2	16.84	13.03	7.55	4.56	3.19	22	74.0	1.03	56.2	5,079	7.5	3.6	10.8	5.0	4.0	9.6
29.641	70.1	1	10:25 AM	77.4	6244	28.09	21.63	16.28	10.92	7.97	4.32	2.73	2.04	17	74.3	1.03	70.2	5,443	8.2	2.6	8.4	4.9	3.9	7.7
29.641	70.1	2	10:25 AM	77.4	6320	27.35	21.17	16.01	10.8	7.93	4.33	2.75	2.04	17	74.3	1.03	67.8	5,578	8.4	2.6	8.6	5.0	4.0	8.0
29.641	70.1	3	10:25 AM	77.4	8296	35.78	27.86	21.15	14.3	10.59	5.6	3.75	2.78	22	74.3	1.03	67.6	5,519	8.3	2.7	8.7	5.0	4.0	8.0
29.641	70.1	4	10:25 AM	77.4	8767	37.81	29.32	22.29	15.09	11.15	5.93	3.94	2.93	24	74.3	1.03	67.6	5,533	8.3	2.7	8.7	5.0	4.0	8.0
29.748	69.8	1	10:26 AM	77.5	6331	27.05	22.37	18.54	13.25	9.9	5.2	3.1	2.35	18	74.3	1.03	66.7	4,769	7.0	3.1	9.3	4.8	3.9	8.1
29.748	69.8	2	10:26 AM	77.5	6386	26.44	21.95	18.21	13.1	9.85	5.29	3.11	2.25	18	74.3	1.03	64.9	4,851	7.1	3.1	9.5	4.9	4.0	8.3
29.748	69.8	3	10:26 AM	77.5	8307	34.24	28.48	23.64	17.11	12.92	7	4.19	3.08	24	74.3	1.03	64.6	4,822	7.1	3.2	9.5	4.9	4.0	8.4
29.748	69.8	4	10:26 AM	77.5	8756	36.11	29.91	24.85	17.96	13.59	7.34	4.5	3.38	25	74.3	1.03	64.6	4,830	7.1	3.2	9.5	4.9	4.0	8.4
29.830	70.2	1	10:27 AM	77.5	6441	21.87	18.77	16.08	12.36	9.73	5.6	3.63	2.67	16	74.3	1.03	54.5	5,069	7.5	3.7	11.1	5.0	4.1	9.9
29.830	70.2	2	10:27 AM	77.5	6408	21.7	18.56	15.91	12.25	9.7	5.63	3.66	2.71	16	74.3	1.03	54.3	5,057	7.5	3.7	11.2	5.0	4.1	9.9
29.830	70.2	3	10:27 AM	77.5	8318	27.96	24.13	20.64	15.92	12.72	7.44	4.84	3.46	21	74.3	1.03	54.0	5,000	7.4	3.8	11.3	5.0	4.1	10.0
29.830	70.2	4	10:27 AM	77.5	8800	29.51	25.5	21.7	16.69	13.56	7.93	5.02	3.62	22	74.3	1.03	53.9	4,959	7.3	3.8	11.3	5.0	4.1	10.0

29.926	69.9	1	10:28 AM	77.8	6200	29.91	25.57	21.58	16.2	12.33	6.59	3.77	2.68	22	74.5	1.02	74.0	3,818	5.4	3.2	9.0	4.6	3.8	7.3
29.926	69.9	2	10:28 AM	77.8	6266	29.53	25.3	21.52	16.13	12.33	6.65	3.83	2.75	21	74.5	1.02	72.4	3,864	5.5	3.3	9.2	4.6	3.8	7.5
29.926	69.9	3	10:28 AM	77.8	8186	38.13	32.61	27.74	20.83	15.92	8.65	5.06	3.67	28	74.5	1.02	71.7	3,909	5.6	3.3	9.2	4.6	3.8	7.5
29.926	69.9	4	10:28 AM	77.8	8734	40.72	34.67	29.51	22.15	16.93	9.22	5.43	3.91	30	74.5	1.02	71.7	3,921	5.6	3.3	9.2	4.6	3.8	7.5
30.030	70.2	1	10:29 AM	77.7	6288	22.62	19.11	15.9	11.54	8.7	4.58	2.87	2.28	16	74.5	1.03	57.5	5,438	8.2	3.3	10.3	5.1	4.1	9.4
30.030	70.2	2	10:29 AM	77.7	6441	22.65	19.19	16.02	11.65	8.83	4.71	2.94	2.28	16	74.5	1.03	56.3	5,501	8.3	3.4	10.4	5.1	4.1	9.6
30.030	70.2	3	10:29 AM	77.7	8438	29.89	25.15	21	15.37	11.63	6.2	3.92	3.07	21	74.5	1.03	56.7	5,470	8.2	3.4	10.4	5.1	4.1	9.5
30.030	70.2	4	10:29 AM	77.7	8877	31.32	26.34	22	16.11	12.19	6.55	4.14	3.25	22	74.5	1.03	56.5	5,490	8.3	3.4	10.4	5.1	4.1	9.6
30.115	70.4	1	10:30 AM	77.6	6474	24.31	20.3	16.85	12.25	9.04	4.88	3.01	2.37	17	74.4	1.03	59.6	5,357	8.0	3.2	10.0	5.0	4.0	9.1
30.115	70.4	2	10:30 AM	77.6	6353	23.88	19.94	16.62	12.12	9	4.89	3.04	2.38	17	74.4	1.03	59.7	5,293	7.9	3.2	10.0	5.0	4.0	9.1
30.115	70.4	3	10:30 AM	77.6	8208	31.67	26.37	22.06	16.21	11.99	6.6	4.19	3.32	22	74.4	1.03	61.0	5,137	7.6	3.2	9.9	5.0	4.0	8.9
30.115	70.4	4	10:30 AM	77.6	8745	33.78	28.02	23.46	17.2	12.73	7	4.43	3.49	23	74.4	1.03	61.0	5,151	7.7	3.2	9.9	5.0	4.0	8.8
30.220	69.5	1	10:31 AM	76.1	6595	28.61	23.76	19.56	13.85	9.99	4.83	2.59	1.83	19	73.5	1.04	68.1	4,872	7.2	3.0	9.0	4.8	3.9	7.9
30.220	69.5	2	10:31 AM	76.1	6529	27.84	23.09	19.04	13.54	9.85	4.83	2.66	1.86	19	73.5	1.04	67.1	4,907	7.2	3.0	9.1	4.9	3.9	8.1
30.220	69.5	3	10:31 AM	76.1	8241	36.57	30.23	24.94	17.86	12.96	6.41	3.57	2.59	25	73.5	1.03	69.4	4,709	6.9	3.0	9.0	4.8	3.9	7.8
30.220	69.5	4	10:31 AM	76.1	8658	38.91	32.09	26.44	18.85	13.93	6.82	3.85	2.78	26	73.5	1.03	70.2	4,613	6.7	3.0	8.9	4.8	3.9	7.7
30.306	68.8	1	10:31 AM	76.3	6551	19.33	16.37	13.63	10.13	7.78	4.57	3.05	2.3	14	73.6	1.04	48.7	6,377	9.9	3.5	11.4	5.3	4.2	11.1
30.306	68.8	2	10:31 AM	76.3	6397	18.79	15.83	13.21	9.85	7.64	4.55	3.04	2.28	13	73.6	1.04	48.5	6,349	9.8	3.6	11.5	5.3	4.2	11.1
30.306	68.8	3	10:31 AM	76.3	8394	24.5	20.69	17.29	12.98	10.04	6.04	4.06	3.12	17	73.6	1.04	48.2	6,345	9.8	3.6	11.5	5.3	4.2	11.2
30.306	68.8	4	10:31 AM	76.3	8866	25.62	21.57	18.06	13.55	10.5	6.31	4.26	3.29	18	73.6	1.04	47.8	6,409	9.9	3.6	11.6	5.4	4.2	11.3
30.396	69	1	10:32 AM	77.0	6584	21.16	17.04	13.96	9.92	7.39	4.15	2.67	1.97	14	74.0	1.04	52.4	6,576	10.2	3.2	10.5	5.3	4.2	10.3
30.396	69	2	10:32 AM	77.0	6452	20.36	16.52	13.57	9.73	7.27	4.13	2.67	2	14	74.0	1.04	51.6	6,584	10.2	3.3	10.6	5.3	4.2	10.5
30.396	69	3	10:32 AM	77.0	8263	27.04	22.01	18.06	13.03	9.61	5.44	3.55	2.66	18	74.0	1.04	53.2	6,371	9.9	3.2	10.4	5.3	4.2	10.2
30.396	69	4	10:32 AM	77.0	8822	28.87	23.43	19.31	13.63	10.52	5.9	3.87	2.74	19	74.0	1.03	53.2	6,248	9.6	3.3	10.5	5.3	4.2	10.2
30.495	69.3	1	10:33 AM	77.1	6529	18.38	15.12	12.4	8.96	6.72	3.87	2.58	2	12	74.1	1.04	46.9	7,243	11.5	3.4	11.2	5.5	4.3	11.5
30.495	69.3	2	10:33 AM	77.1	6375	17.82	14.65	12.06	8.76	6.58	3.82	2.63	2.04	12	74.1	1.04	46.6	7,237	11.5	3.4	11.3	5.5	4.3	11.6
30.495	69.3	3	10:33 AM	77.1	8350	23.85	19.61	16.15	11.78	8.85	5.14	3.59	2.78	16	74.1	1.04	47.4	7,055	11.1	3.4	11.2	5.5	4.3	11.4
30.495	69.3	4	10:33 AM	77.1	8800	25.1	20.62	17.02	12.42	9.33	5.43	3.79	2.93	17	74.1	1.04	47.3	7,055	11.1	3.4	11.3	5.5	4.3	11.4
30.584	69	1	10:34 AM	76.9	6255	24.6	19.44	15.57	10.55	7.35	3.82	2.47	1.96	15	74.0	1.04	62.5	6,014	9.2	2.7	9.1	5.1	4.0	8.6
30.584	69	2	10:34 AM	76.9	6288	23.88	18.98	15.24	10.43	7.31	3.83	2.49	1.94	14	74.0	1.04	60.7	6,125	9.4	2.8	9.3	5.1	4.1	8.9
30.584	69	3	10:34 AM	76.9	8339	31.83	25.18	20.29	13.95	9.81	5.2	3.43	2.73	19	74.0	1.04	60.9	6,066	9.3	2.8	9.3	5.1	4.1	8.9
30.584	69	4	10:34 AM	76.9	8756	33.43	26.41	21.29	14.63	10.33	5.47	3.63	2.88	20	74.0	1.04	60.9	6,053	9.3	2.8	9.3	5.1	4.1	8.9
30.685	68.7	1	10:35 AM	76.4	6606	16.22	13.1	10.46	7.39	5.55	3.39	2.41	1.86	10	73.7	1.04	42.1	8,742	14.4	3.3	11.6	5.7	4.4	12.8
30.685	68.7	2	10:35 AM	76.4	6441	15.76	12.78	10.25	7.27	5.49	3.39	2.42	1.87	10	73.7	1.04	41.9	8,655	14.2	3.3	11.6	5.7	4.4	12.9
30.685	68.7	3	10:35 AM	76.4	8427	20.82	17.07	13.72	9.78	7.41	4.57	3.26	2.51	14	73.7	1.04	42.2	8,430	13.8	3.4	11.7	5.7	4.4	12.8
30.685	68.7	4	10:35 AM	76.4	8965	22.17	18.09	14.55	10.39	7.85	4.83	3.46	2.66	15	73.7	1.04	42.3	8,456	13.8	3.4	11.7	5.7	4.4	12.8
30.781	69.4	1	10:36 AM	77.0	6397	17.73	13.96	10.9	7.54	5.51	3.06	2	1.53	11	74.1	1.04	46.5	8,305	13.5	3.1	10.7	5.6	4.3	11.6
30.781	69.4	2	10:36 AM	77.0	6375	17.34	13.67	10.7	7.46	5.47	3.04	1.99	1.54	10	74.1	1.04	45.8	8,374	13.7	3.1	10.8	5.6	4.4	11.8
30.781	69.4	3	10:36 AM	77.0	8471	23.23	18.32	14.42	10.08	7.42	4.15	2.75	2.1	14	74.1	1.04	46.1	8,233	13.4	3.1	10.8	5.6	4.3	11.7
30.781	69.4	4	10:36 AM	77.0	8822	24.17	19.06	15	10.51	7.74	4.33	2.87	2.19	15	74.1	1.04	46.0	8,225	13.4	3.1	10.8	5.6	4.3	11.7
30.871	70.1	1	10:37 AM	78.1	5980	48.98	31.48	19.67	9.32	6.43	3.62	2.53	1.78	25	74.7	1.03	121.7	4,602	6.7	0.9	5.2	4.4	3.6	4.4
30.871	70.1	2	10:37 AM	78.1	6090	45.46	29.86	19.34	9.7	6.53	3.51	2.46	1.8	25	74.7	1.03	111.7	4,826	7.1	1.1	5.5	4.5	3.7	4.8
30.871	70.1	3	10:37 AM	78.1	8032	58.31	38.56	25.55	13.17	8.67	4.56	3.22	2.46	33	74.7	1.03	108.8	4,876	7.2	1.2	5.6	4.5	3.7	5.0
30.871	70.1	4	10:37 AM	78.1	8647	63.24	40.96	27.22	14.17	9.44	5.02	3.57	2.63	35	74.7	1.03	109.5	4,830	7.1	1.2	5.6	4.5	3.7	4.9

30.976	70	1	10:38 AM	79.2	6518	12.98	10.95	9.14	6.75	5.1	2.98	1.97	1.43	8.9	75.4	1.03	35.2	9,648	16.3	3.7	13.2	6.0	4.6	15.3
30.976	70	2	10:38 AM	79.2	6408	12.76	10.7	8.94	6.61	5.02	2.96	1.98	1.55	8.7	75.4	1.03	35.2	9,639	16.2	3.7	13.2	6.0	4.6	15.3
30.976	70	3	10:38 AM	79.2	8493	17.15	14.32	11.99	8.93	6.77	4	2.66	2.02	12	75.4	1.03	35.6	9,477	15.9	3.7	13.2	5.9	4.6	15.2
30.976	70	4	10:38 AM	79.2	8855	17.81	14.89	12.47	9.3	7.08	4.2	2.78	2.25	12	75.4	1.03	35.5	9,458	15.9	3.7	13.2	5.9	4.6	15.2
31.062	69.8	1	10:39 AM	81.1	6748	12.23	9.93	8.1	5.84	4.44	2.6	1.77	1.38	8.2	76.6	1.03	32.5	11,315	19.8	3.6	13.3	6.2	4.7	16.6
31.062	69.8	2	10:39 AM	81.1	6617	11.96	9.7	7.94	5.75	4.39	2.59	1.77	1.37	8.1	76.6	1.03	32.4	11,245	19.6	3.6	13.4	6.2	4.7	16.6
31.062	69.8	3	10:39 AM	81.1	8515	15.9	12.95	10.63	7.75	5.93	3.53	2.45	1.85	11	76.6	1.03	33.2	10,747	18.5	3.7	13.3	6.1	4.7	16.2
31.062	69.8	4	10:39 AM	81.1	8877	16.57	13.49	11.08	8.06	6.18	3.67	2.5	1.95	11	76.6	1.03	33.2	10,750	18.6	3.7	13.3	6.1	4.7	16.2
31.161	70.4	1	10:40 AM	80.4	6661	14.8	11.95	9.55	6.77	4.96	2.57	1.62	1.27	9.6	76.2	1.03	38.3	9,811	16.6	3.4	12.0	5.9	4.5	14.1
31.161	70.4	2	10:40 AM	80.4	6562	14.34	11.68	9.36	6.64	4.88	2.57	1.63	1.26	9.3	76.2	1.03	37.8	9,863	16.7	3.4	12.2	5.9	4.5	14.3
31.161	70.4	3	10:40 AM	80.4	8482	19.26	15.65	12.59	8.95	6.57	3.49	2.22	1.75	13	76.2	1.03	39.0	9,475	15.9	3.4	12.0	5.9	4.5	13.9
31.161	70.4	4	10:40 AM	80.4	8855	20.06	16.31	13.12	9.33	6.87	3.66	2.34	1.83	13	76.2	1.03	38.9	9,469	15.9	3.4	12.1	5.9	4.5	13.9
31.255	71.1	1	10:41 AM	80.4	6814	13.66	11.05	9.02	6.4	4.91	2.69	1.69	1.26	9	76.2	1.03	35.3	10,310	17.6	3.5	12.8	6.0	4.6	15.3
31.255	71.1	2	10:41 AM	80.4	6748	13.31	10.84	8.86	6.3	4.84	2.67	1.69	1.23	8.8	76.2	1.03	34.8	10,383	17.8	3.6	12.9	6.0	4.6	15.5
31.255	71.1	3	10:41 AM	80.4	8515	17.77	14.55	11.93	8.63	6.59	3.67	2.33	1.78	12	76.2	1.03	36.4	9,660	16.3	3.6	12.8	5.9	4.6	14.8
31.255	71.1	4	10:41 AM	80.4	8811	18.55	15.15	12.46	9.04	6.86	3.86	2.47	1.85	12	76.2	1.03	36.6	9,597	16.2	3.6	12.7	5.9	4.5	14.7
31.350	70.8	1	10:42 AM	80.0	6694	12.14	10.17	8.2	5.88	4.42	2.67	1.85	1.5	8.1	75.9	1.03	32.7	11,280	19.7	3.6	13.2	6.2	4.7	16.5
31.350	70.8	2	10:42 AM	80.0	6584	12.21	9.95	8.05	5.77	4.35	2.65	1.85	1.52	7.9	75.9	1.03	33.2	11,222	19.6	3.5	13.1	6.1	4.7	16.2
31.350	70.8	3	10:42 AM	80.0	8526	16.21	13.3	10.85	7.85	5.96	3.6	2.51	2	11	75.9	1.03	33.9	10,677	18.4	3.6	13.1	6.1	4.6	15.9
31.350	70.8	4	10:42 AM	80.0	8921	16.96	13.89	11.31	8.2	6.22	3.76	2.61	2.08	11	75.9	1.03	33.9	10,699	18.4	3.6	13.1	6.1	4.6	15.9
31.448	70.5	1	10:43 AM	79.3	6704	14.17	11.87	9.84	7.37	5.71	3.53	2.43	1.84	9.9	75.5	1.03	36.8	8,894	14.7	3.8	13.1	5.9	4.5	14.7
31.448	70.5	2	10:43 AM	79.3	6628	13.99	11.72	9.74	7.22	5.68	3.5	2.44	1.93	9.8	75.5	1.03	36.8	8,847	14.6	3.8	13.2	5.9	4.5	14.7
31.448	70.5	3	10:43 AM	79.3	8394	18.38	15.38	12.83	9.59	7.53	4.63	3.22	2.47	13	75.5	1.03	37.8	8,460	13.9	3.8	13.0	5.8	4.5	14.3
31.448	70.5	4	10:43 AM	79.3	8899	19.34	16.2	13.56	10.11	7.92	4.89	3.39	2.65	14	75.5	1.03	37.6	8,527	14.0	3.8	13.1	5.8	4.5	14.4
31.536	70.5	1	10:44 AM	82.8	6628	11.9	10.05	8.39	6.25	4.76	3.06	2.25	1.86	7.9	77.6	1.02	32.0	10,537	18.1	3.9	14.0	6.1	4.7	16.9
31.536	70.5	2	10:44 AM	82.8	6628	11.57	9.7	8.13	6.18	4.62	3.09	2.26	1.83	7.7	77.6	1.02	31.3	10,854	18.8	3.9	14.1	6.2	4.7	17.3
31.536	70.5	3	10:44 AM	82.8	8756	15.38	12.86	10.8	8.27	6.22	4.12	2.99	2.5	10	77.6	1.02	31.4	10,668	18.4	3.9	14.1	6.1	4.7	17.2
31.536	70.5	4	10:44 AM	82.8	9009	15.66	13.21	11.07	8.44	6.47	4.15	3.06	2.39	11	77.6	1.02	31.2	10,576	18.2	3.9	14.3	6.1	4.7	17.3
31.630	71.1	1	10:45 AM	78.4	6452	13.6	11.48	9.71	7.31	5.65	3.22	1.99	1.46	9.6	75.0	1.04	36.9	8,679	14.3	3.8	13.2	5.8	4.5	14.6
31.630	71.1	2	10:45 AM	78.4	6496	13.59	11.54	9.75	7.38	5.71	3.3	2.07	1.48	9.6	75.0	1.03	36.7	8,654	14.2	3.8	13.3	5.8	4.5	14.7
31.630	71.1	3	10:45 AM	78.4	8570	18.56	15.63	13.23	10.03	7.76	4.44	2.74	2.01	13	75.0	1.03	37.7	8,398	13.7	3.8	13.1	5.8	4.5	14.3
31.630	71.1	4	10:45 AM	78.4	8899	19.11	16.22	13.73	10.46	8.08	4.62	2.86	2.05	14	75.0	1.03	37.4	8,382	13.7	3.9	13.2	5.8	4.5	14.4
31.727	70.7	1	10:46 AM	78.3	6858	10.78	8.4	6.69	4.65	3.4	2.05	1.52	1.23	6.7	74.9	1.05	29.7	14,492	26.8	3.3	12.9	6.4	4.9	18.2
31.727	70.7	2	10:46 AM	78.3	6737	10.2	8.22	6.5	4.54	3.39	1.98	1.49	1.22	6.5	74.9	1.05	28.9	14,489	26.8	3.4	13.3	6.4	4.9	18.7
31.727	70.7	3	10:46 AM	78.3	8581	13.85	11.1	8.83	6.21	4.66	2.75	2.08	1.68	8.8	74.9	1.05	30.3	13,467	24.5	3.4	13.1	6.4	4.8	17.8
31.727	70.7	4	10:46 AM	78.3	8954	14.39	11.53	9.22	6.49	4.85	2.88	2.11	1.72	9.2	74.9	1.05	30.2	13,508	24.6	3.4	13.2	6.4	4.8	17.9
31.817	71.7	1	10:47 AM	80.4	6704	15.88	13.12	10.71	7.79	5.75	3.09	1.96	1.42	11	76.2	1.03	40.2	8,675	14.3	3.5	12.1	5.8	4.4	13.4
31.817	71.7	2	10:47 AM	80.4	6551	15.46	12.77	10.52	7.63	5.63	3.12	1.87	1.44	11	76.2	1.03	40.1	8,668	14.3	3.5	12.2	5.8	4.5	13.5
31.817	71.7	3	10:47 AM	80.4	8438	20.82	17.19	14.02	10.24	7.62	4.18	2.63	2.01	14	76.2	1.03	41.6	8,257	13.5	3.5	12.0	5.7	4.4	13.0
31.817	71.7	4	10:47 AM	80.4	8899	21.95	17.98	14.76	10.78	8.06	4.37	2.84	2.02	15	76.2	1.03	41.6	8,238	13.4	3.5	12.0	5.7	4.4	13.0
31.923	71.8	1	10:48 AM	79.6	6408	22.46	17.65	13.9	9.59	6.8	3.45	2.15	1.63	14	75.7	1.03	56.1	6,688	10.4	2.9	9.7	5.3	4.1	9.6
31.923	71.8	2	10:48 AM	79.6	6331	21.91	17.09	13.5	9.35	6.69	3.46	2.17	1.61	14	75.7	1.03	55.4	6,734	10.5	2.9	9.8	5.3	4.2	9.7
31.923	71.8	3	10:48 AM	79.6	8296	28.97	22.63	17.89	12.46	8.89	4.57	2.86	2.15	18	75.7	1.03	55.9	6,650	10.4	2.9	9.8	5.3	4.1	9.7
31.923	71.8	4	10:48 AM	79.6	8734	30.43	23.85	18.89	13.17	9.41	4.85	3.05	2.3	19	75.7	1.03	55.8	6,630	10.3	2.9	9.8	5.3	4.1	9.7

32.014	71.2	1	10:49 AM	79.6	6518	15.37	11.67	9.07	6.3	4.64	2.87	2.12	1.75	9.4	75.7	1.03	40.3	9,960	16.9	3.1	11.4	5.9	4.5	13.4
32.014	71.2	2	10:49 AM	79.6	6309	14.81	11.04	8.61	6.04	4.44	2.78	2.09	1.84	9	75.7	1.03	40.1	10,053	17.1	3.1	11.4	5.9	4.5	13.5
32.014	71.2	3	10:49 AM	79.6	8471	19.7	14.91	11.67	8.23	6.12	3.78	2.83	2.35	12	75.7	1.03	39.8	9,900	16.8	3.2	11.6	5.9	4.5	13.6
32.014	71.2	4	10:49 AM	79.6	8811	20.35	15.46	12.2	8.59	6.39	3.97	2.95	2.43	13	75.7	1.03	39.6	9,894	16.8	3.2	11.6	5.9	4.5	13.6
32.126	71.2	1	10:50 AM	80.4	6573	14.5	11.3	8.92	6.09	4.52	2.67	2	1.65	8.9	76.2	1.03	38.1	10,412	17.8	3.2	11.8	6.0	4.6	14.2
32.126	71.2	2	10:50 AM	80.4	6441	13.9	10.89	8.67	6.03	4.45	2.62	2.02	1.64	8.7	76.2	1.03	37.4	10,445	17.9	3.3	12.0	6.0	4.6	14.4
32.126	71.2	3	10:50 AM	80.4	8394	18.32	14.57	11.6	8.09	5.99	3.5	2.61	2.14	12	76.2	1.03	37.7	10,172	17.3	3.3	12.0	5.9	4.6	14.3
32.126	71.2	4	10:50 AM	80.4	8910	19.4	15.42	12.26	8.52	6.35	3.74	2.74	2.24	12	76.2	1.03	37.6	10,188	17.4	3.3	12.1	6.0	4.6	14.3
32.201	71.5	1	10:51 AM	79.5	6430	19.47	14.32	10.52	6.65	4.71	3.06	2.4	2.04	11	75.7	1.03	49.6	8,942	14.8	2.6	9.7	5.6	4.3	10.9
32.201	71.5	2	10:51 AM	79.5	6441	18.94	13.99	10.39	6.74	4.91	3.22	2.53	2.15	10	75.7	1.03	48.3	8,824	14.6	2.8	10.0	5.6	4.3	11.2
32.201	71.5	3	10:51 AM	79.5	8296	23.89	17.9	13.42	8.76	6.32	4.08	3.16	2.66	13	75.7	1.03	47.5	8,896	14.7	2.8	10.2	5.7	4.4	11.4
32.201	71.5	4	10:51 AM	79.5	8855	25.15	18.95	14.22	9.33	6.75	4.35	3.34	2.8	14	75.7	1.03	46.9	8,938	14.8	2.8	10.3	5.7	4.4	11.5
32.296	72.4	1	10:52 AM	80.8	6562	16.51	12.79	10.28	7.31	5.4	3.08	2.15	1.74	11	76.5	1.03	42.2	8,821	14.6	3.3	11.5	5.7	4.4	12.8
32.296	72.4	2	10:52 AM	80.8	6496	16.08	12.44	9.99	7.09	5.38	3.09	2.18	1.76	10	76.5	1.03	41.6	8,818	14.6	3.3	11.6	5.7	4.4	13.0
32.296	72.4	3	10:52 AM	80.8	8438	20.71	16.14	13.02	9.39	6.97	4.06	2.76	2.22	14	76.5	1.03	41.3	8,855	14.6	3.3	11.7	5.8	4.4	13.1
32.296	72.4	4	10:52 AM	80.8	8899	21.59	16.84	13.6	9.66	7.46	4.2	2.93	2.35	14	76.5	1.03	40.9	8,783	14.5	3.4	11.8	5.8	4.4	13.2
32.396	71.5	1	10:53 AM	80.2	6715	10.03	8	6.36	4.48	3.37	2.04	1.47	1.16	6.3	76.1	1.04	28.3	14,569	27.0	3.5	13.5	6.5	4.9	19.1
32.396	71.5	2	10:53 AM	80.2	6617	9.8	7.85	6.26	4.44	3.37	2.07	1.5	1.21	6.2	76.1	1.03	28.1	14,438	26.7	3.5	13.7	6.5	4.9	19.2
32.396	71.5	3	10:53 AM	80.2	8559	12.83	10.3	8.25	5.93	4.52	2.77	2.01	1.7	8.2	76.1	1.03	28.3	14,004	25.7	3.6	13.8	6.4	4.9	19.1
32.396	71.5	4	10:53 AM	80.2	8954	13.37	10.68	8.59	6.17	4.69	2.88	2.11	1.69	8.6	76.1	1.03	28.3	14,106	25.9	3.6	13.8	6.4	4.9	19.1
32.484	71.6	1	10:54 AM	81.0	6628	15.03	12.02	9.6	6.67	4.91	2.67	1.7	1.27	9.7	76.6	1.03	38.8	9,795	16.6	3.3	11.9	5.9	4.5	13.9
32.484	71.6	2	10:54 AM	81.0	6606	14.72	11.72	9.37	6.56	4.79	2.63	1.67	1.28	9.5	76.6	1.03	38.3	9,997	17.0	3.3	12.0	5.9	4.5	14.1
32.484	71.6	3	10:54 AM	81.0	8383	19.55	15.63	12.52	8.74	6.37	3.5	2.2	1.74	13	76.6	1.03	39.7	9,543	16.0	3.3	11.8	5.9	4.5	13.6
32.484	71.6	4	10:54 AM	81.0	8910	20.76	16.57	13.24	9.14	7.06	3.82	2.47	1.85	14	76.6	1.03	39.6	9,255	15.5	3.4	12.0	5.8	4.5	13.6
32.576	71.8	1	10:55 AM	82.0	6408	17.24	13.84	11.15	7.91	5.85	3.24	2.2	1.73	11	77.2	1.02	44.3	8,029	13.0	3.3	11.4	5.6	4.4	12.2
32.576	71.8	2	10:55 AM	82.0	6408	16.87	13.49	10.9	7.81	5.74	3.22	2.19	1.73	11	77.2	1.02	43.5	8,188	13.3	3.3	11.5	5.6	4.4	12.4
32.576	71.8	3	10:55 AM	82.0	8493	22.18	17.87	14.45	10.42	7.74	4.29	2.89	2.29	14	77.2	1.02	43.3	8,098	13.1	3.4	11.6	5.6	4.4	12.5
32.576	71.8	4	10:55 AM	82.0	8855	23.08	18.59	15.06	10.81	8.06	4.53	3.09	2.41	15	77.2	1.02	43.2	8,109	13.2	3.4	11.6	5.6	4.4	12.5
32.673	72.6	1	10:56 AM	82.3	6694	27.08	21.4	17.12	11.76	8.44	4.45	2.97	2.45	17	77.4	1.01	62.7	5,678	8.6	2.9	9.3	5.0	4.0	8.6
32.673	72.6	2	10:56 AM	82.3	6441	25.65	20.46	16.43	11.44	8.23	4.44	2.98	2.43	17	77.4	1.01	61.9	5,651	8.5	2.9	9.4	5.1	4.0	8.7
32.673	72.6	3	10:56 AM	82.3	8197	33.93	27.23	21.95	15.36	11.08	5.95	4.01	3.29	23	77.4	1.01	64.0	5,368	8.0	2.9	9.3	5.0	4.0	8.4
32.673	72.6	4	10:56 AM	82.3	8713	36.49	28.79	23.22	16.22	11.75	6.32	4.3	3.47	24	77.4	1.01	64.6	5,359	8.0	2.9	9.2	5.0	4.0	8.4
32.766	72.5	1	10:57 AM	82.1	6463	18.28	15.14	12.2	8.76	6.43	3.61	2.3	1.8	12	77.3	1.02	46.2	7,431	11.8	3.4	11.3	5.5	4.3	11.7
32.766	72.5	2	10:57 AM	82.1	6364	17.22	14.59	11.8	8.53	6.27	3.57	2.37	1.85	12	77.3	1.02	44.5	7,561	12.1	3.5	11.6	5.6	4.3	12.1
32.766	72.5	3	10:57 AM	82.1	8318	23.2	19.15	15.56	11.26	8.3	4.77	3.13	2.46	16	77.3	1.02	45.6	7,437	11.9	3.4	11.4	5.5	4.3	11.8
32.766	72.5	4	10:57 AM	82.1	8877	24.66	20.39	16.5	12.01	9	5.15	3.14	2.42	17	77.3	1.02	45.5	7,351	11.7	3.5	11.5	5.5	4.3	11.9
32.871	72.8	1	10:58 AM	81.8	6430	28.72	22.43	17.2	11.41	8	4.22	2.86	2.34	17	77.1	1.02	68.6	5,549	8.4	2.6	8.5	5.0	4.0	7.9
32.871	72.8	2	10:58 AM	81.8	6298	27.11	21.61	16.75	11.22	7.94	4.23	2.9	2.39	16	77.1	1.02	66.4	5,570	8.4	2.7	8.8	5.0	4.0	8.1
32.871	72.8	3	10:58 AM	81.8	8164	35.72	28.45	22.19	14.93	10.55	5.63	3.96	3.09	21	77.1	1.02	67.4	5,448	8.2	2.7	8.8	5.0	4.0	8.0
32.871	72.8	4	10:58 AM	81.8	8745	37.99	30.3	23.68	15.9	11.28	6.06	4.19	3.39	23	77.1	1.02	66.9	5,468	8.2	2.7	8.8	5.0	4.0	8.1
32.967	72.8	1	10:59 AM	82.2	6683	24.72	19.89	15.99	11.03	8.12	4.36	2.68	1.73	16	77.4	1.02	58.0	5,981	9.1	3.0	9.8	5.2	4.1	9.3
32.967	72.8	2	10:59 AM	82.2	6584	23.75	19.18	15.48	10.74	7.94	4.33	2.72	1.6	15	77.4	1.02	56.8	6,054	9.3	3.1	10.0	5.2	4.1	9.5
32.967	72.8	3	10:59 AM	82.2	8339	31.09	25.04	20.22	14.07	10.51	5.73	3.56	2.46	20	77.4	1.01	58.4	5,810	8.8	3.1	9.9	5.1	4.1	9.2
32.967	72.8	4	10:59 AM	82.2	8702	32.77	26.32	21.25	14.86	10.98	6.02	3.81	2.58	21	77.4	1.01	58.9	5,790	8.8	3.1	9.8	5.1	4.1	9.2

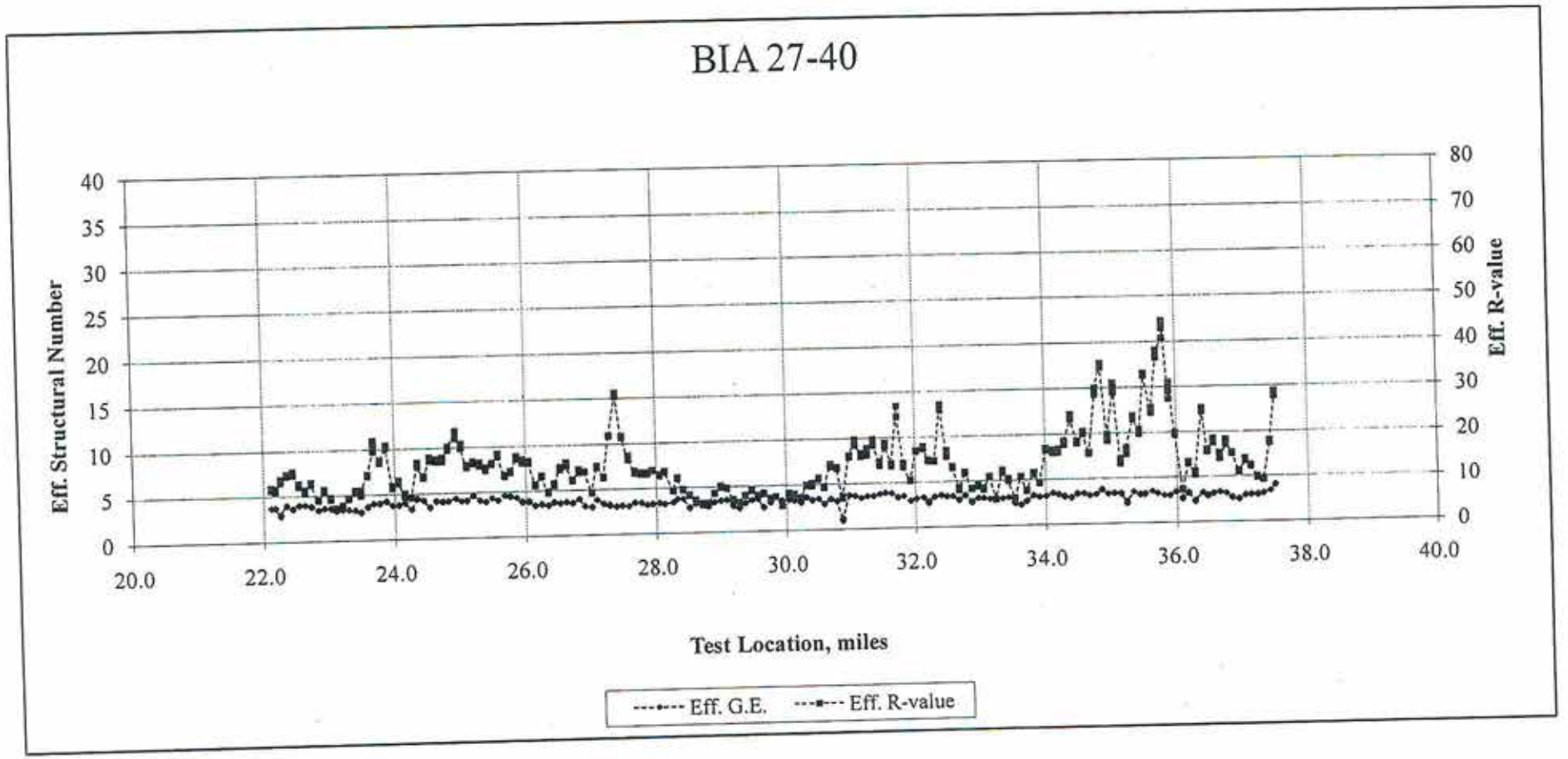
33.052	73	1	11:00 AM	83.3	6529	25.37	20.89	16.85	11.85	8.5	4.2	2.31	1.76	17	78.1	1.01	60.3	5,612	8.5	3.1	9.7	5.1	4.0	8.9
33.052	73	2	11:00 AM	83.3	6430	24.76	20.37	16.48	11.66	8.43	4.2	2.43	1.78	16	78.1	1.01	59.9	5,595	8.4	3.1	9.8	5.1	4.0	9.0
33.052	73	3	11:00 AM	83.3	8186	32.52	26.79	21.76	15.43	11.19	5.63	3.28	2.48	21	78.1	1.01	61.5	5,380	8.1	3.1	9.6	5.0	4.0	8.8
33.052	73	4	11:00 AM	83.3	8734	34.69	28.48	22.98	16.44	11.85	6.11	3.48	2.67	23	78.1	1.01	61.5	5,411	8.1	3.1	9.6	5.0	4.0	8.8
33.143	72.9	1	11:01 AM	82.9	6441	21.98	17.5	13.83	9.31	6.54	3.2	2.04	1.68	14	77.8	1.02	54.1	6,951	10.9	2.9	9.9	5.3	4.2	10.0
33.143	72.9	2	11:01 AM	82.9	6375	21.54	17.17	13.52	9.15	6.49	3.28	2.08	1.61	14	77.8	1.01	53.6	6,960	10.9	3.0	10.0	5.3	4.2	10.1
33.143	72.9	3	11:01 AM	82.9	8328	28.01	22.37	17.63	12.02	8.54	4.35	2.81	2.2	18	77.8	1.01	53.4	6,936	10.9	3.0	10.1	5.3	4.2	10.1
33.143	72.9	4	11:01 AM	82.9	8778	29.54	23.5	18.54	12.66	9	4.61	2.99	2.33	19	77.8	1.01	53.4	6,935	10.9	3.0	10.0	5.3	4.2	10.1
33.242	73	1	11:02 AM	84.1	6364	31.22	25.86	21.76	15.8	11.74	6.47	4.06	2.63	22	78.6	1.01	73.9	4,063	5.8	3.1	8.8	4.6	3.8	7.3
33.242	73	2	11:02 AM	84.1	6342	30.94	25.73	21.64	15.8	11.78	6.67	4.07	2.82	22	78.6	1.01	73.5	4,044	5.8	3.1	8.9	4.6	3.8	7.3
33.242	73	3	11:02 AM	84.1	8065	39.76	32.95	27.63	20.15	15.21	8.48	5.2	3.75	28	78.6	1.01	74.2	3,986	5.7	3.1	8.9	4.6	3.8	7.3
33.242	73	4	11:02 AM	84.1	8636	42.17	34.75	29.17	21.31	15.99	8.99	5.58	4	29	78.6	1.01	73.6	4,054	5.8	3.1	8.9	4.6	3.8	7.3
33.343	72.8	1	11:03 AM	83.8	6562	20.51	16.46	12.88	8.54	5.98	2.82	1.69	1.25	13	78.4	1.01	50.0	7,693	12.3	3.0	10.3	5.5	4.3	10.8
33.343	72.8	2	11:03 AM	83.8	6474	20.19	16.09	12.6	8.42	5.95	2.84	1.66	1.24	13	78.4	1.01	49.9	7,655	12.3	3.0	10.3	5.5	4.3	10.8
33.343	72.8	3	11:03 AM	83.8	8296	26.93	21.35	16.78	11.26	7.93	3.77	2.27	1.74	17	78.4	1.01	51.6	7,358	11.7	3.0	10.1	5.4	4.2	10.5
33.343	72.8	4	11:03 AM	83.8	8756	28.48	22.45	17.65	11.84	8.33	3.96	2.42	1.85	18	78.4	1.01	51.7	7,378	11.7	3.0	10.1	5.4	4.2	10.4
33.431	72.7	1	11:03 AM	84.6	6419	21.88	18.1	14.54	9.97	6.95	3.32	1.92	1.48	14	78.9	1.01	53.6	6,650	10.4	3.1	10.2	5.3	4.2	10.1
33.431	72.7	2	11:03 AM	84.6	6331	21.58	17.63	14.24	9.79	6.87	3.32	1.92	1.42	14	78.9	1.01	53.6	6,639	10.3	3.1	10.2	5.3	4.2	10.1
33.431	72.7	3	11:03 AM	84.6	8230	28.94	23.7	19.18	13.24	9.28	4.53	2.69	2.02	19	78.9	1.01	55.1	6,402	9.9	3.1	10.1	5.3	4.1	9.8
33.431	72.7	4	11:03 AM	84.6	8745	30.8	25.07	20.26	13.99	9.91	4.81	2.89	2.23	21	78.9	1.01	55.1	6,377	9.9	3.1	10.1	5.2	4.1	9.8
33.531	73.8	1	11:04 AM	84.8	6244	36.73	28.8	22.56	14.89	10.4	4.84	3.09	2.49	25	79.0	1.01	67.1	4,168	6.0	2.4	7.4	4.5	3.7	6.2
33.531	73.8	2	11:04 AM	84.8	6090	35.28	27.62	21.75	14.49	10.19	4.86	3.13	2.5	24	79.0	1.01	65.9	4,177	6.0	2.5	7.5	4.6	3.8	6.3
33.531	73.8	3	11:04 AM	84.8	8010	46.09	36.21	28.65	19.19	13.56	6.5	4.2	3.49	31	79.0	1.00	65.3	4,154	6.0	2.5	7.6	4.6	3.8	6.3
33.531	73.8	4	11:04 AM	84.8	8603	49.47	38.91	30.78	20.7	14.61	7.09	4.59	3.9	34	79.0	1.00	65.3	4,146	6.0	2.5	7.6	4.5	3.8	6.3
33.624	73.4	1	11:05 AM	84.4	6277	27.2	19.06	14.34	8.46	5.64	3.14	2.56	2	14	78.8	1.01	66.3	6,836	10.7	2.2	8.1	5.2	4.1	8.1
33.624	73.4	2	11:05 AM	84.4	6178	26.12	18.5	13.93	8.3	5.59	3.02	2.33	1.81	14	78.8	1.01	64.8	6,881	10.8	2.3	8.3	5.2	4.1	8.3
33.624	73.4	3	11:05 AM	84.4	8241	34.64	24.41	18.52	11.2	7.44	4.06	3.05	2.42	19	78.8	1.01	64.5	6,907	10.8	2.3	8.3	5.2	4.1	8.4
33.624	73.4	4	11:05 AM	84.4	8811	37.26	26.33	19.94	11.94	8.01	4.37	3.34	2.61	20	78.8	1.01	64.8	6,863	10.8	2.3	8.3	5.2	4.1	8.3
33.712	73.6	1	11:06 AM	85.2	6156	29.7	23.49	18.7	12.31	8.42	3.61	1.89	1.45	19	79.3	1.00	72.7	5,078	7.5	2.6	8.3	4.8	3.9	7.4
33.712	73.6	2	11:06 AM	85.2	6244	28.67	22.75	18.2	12.15	8.39	3.67	1.95	1.51	19	79.3	1.00	69.5	5,224	7.8	2.7	8.6	4.9	3.9	7.8
33.712	73.6	3	11:06 AM	85.2	8153	37.39	29.76	23.83	15.97	11.05	4.89	2.67	2.06	25	79.3	1.00	69.4	5,196	7.7	2.7	8.6	4.9	3.9	7.8
33.712	73.6	4	11:06 AM	85.2	8713	39.96	31.72	25.42	17.05	11.79	5.21	2.88	2.24	26	79.3	1.00	69.4	5,201	7.7	2.7	8.6	4.9	3.9	7.8
33.819	75	1	11:07 AM	85.3	6375	19.4	15.37	12.46	8.73	6.34	3.41	2.13	1.48	13	79.3	1.00	48.5	7,298	11.6	3.2	10.8	5.5	4.3	11.1
33.819	75	2	11:07 AM	85.3	6288	18.66	14.99	12.18	8.63	6.27	3.41	2.13	1.4	12	79.3	1.00	47.5	7,332	11.7	3.3	11.0	5.5	4.3	11.4
33.819	75	3	11:07 AM	85.3	8263	25.51	20.03	16.36	11.66	8.54	4.7	2.96	2.13	16	79.3	1.00	49.1	7,067	11.2	3.3	10.8	5.4	4.2	11.0
33.819	75	4	11:07 AM	85.3	8855	26.95	21.31	17.45	12.42	9.12	5.03	3.19	2.36	18	79.3	1.00	48.5	7,112	11.2	3.3	11.0	5.4	4.3	11.1
33.906	73.4	1	11:08 AM	85.0	6353	23.73	19.77	15.43	10.57	7.57	3.69	2.13	1.69	15	79.2	1.01	57.9	6,050	9.3	3.0	9.8	5.2	4.1	9.3
33.906	73.4	2	11:08 AM	85.0	6244	22.66	18.95	14.8	10.24	7.39	3.68	2.19	1.68	15	79.2	1.01	56.5	6,128	9.4	3.1	10.0	5.2	4.1	9.6
33.906	73.4	3	11:08 AM	85.0	8241	29.74	25.04	19.69	13.73	9.85	4.91	3.05	2.39	20	79.2	1.01	56.2	6,094	9.3	3.1	10.1	5.2	4.1	9.6
33.906	73.4	4	11:08 AM	85.0	8855	32.07	27.01	21.25	14.87	10.71	5.35	3.28	2.54	21	79.2	1.01	56.4	6,035	9.2	3.1	10.1	5.2	4.1	9.6
34.007	74	1	11:09 AM	85.5	6485	15.89	12.51	9.84	6.62	4.59	2.31	1.54	1.44	10	79.5	1.00	40.4	9,875	16.7	3.1	11.4	5.9	4.5	13.4
34.007	74	2	11:09 AM	85.5	6419	15.4	12.06	9.53	6.41	4.51	2.29	1.62	1.33	9.8	79.5	1.00	39.7	9,994	17.0	3.2	11.5	5.9	4.5	13.6
34.007	74	3	11:09 AM	85.5	8372	20.83	16.3	12.81	8.57	6	3.17	2.12	1.83	13	79.5	1.00	40.9	9,744	16.5	3.1	11.3	5.8	4.5	13.2
34.007	74	4	11:09 AM	85.5	8866	22.01	17.22	13.53	9.08	6.37	3.36	2.24	1.94	14	79.5	1.00	40.9	9,735	16.4	3.1	11.3	5.8	4.5	13.2

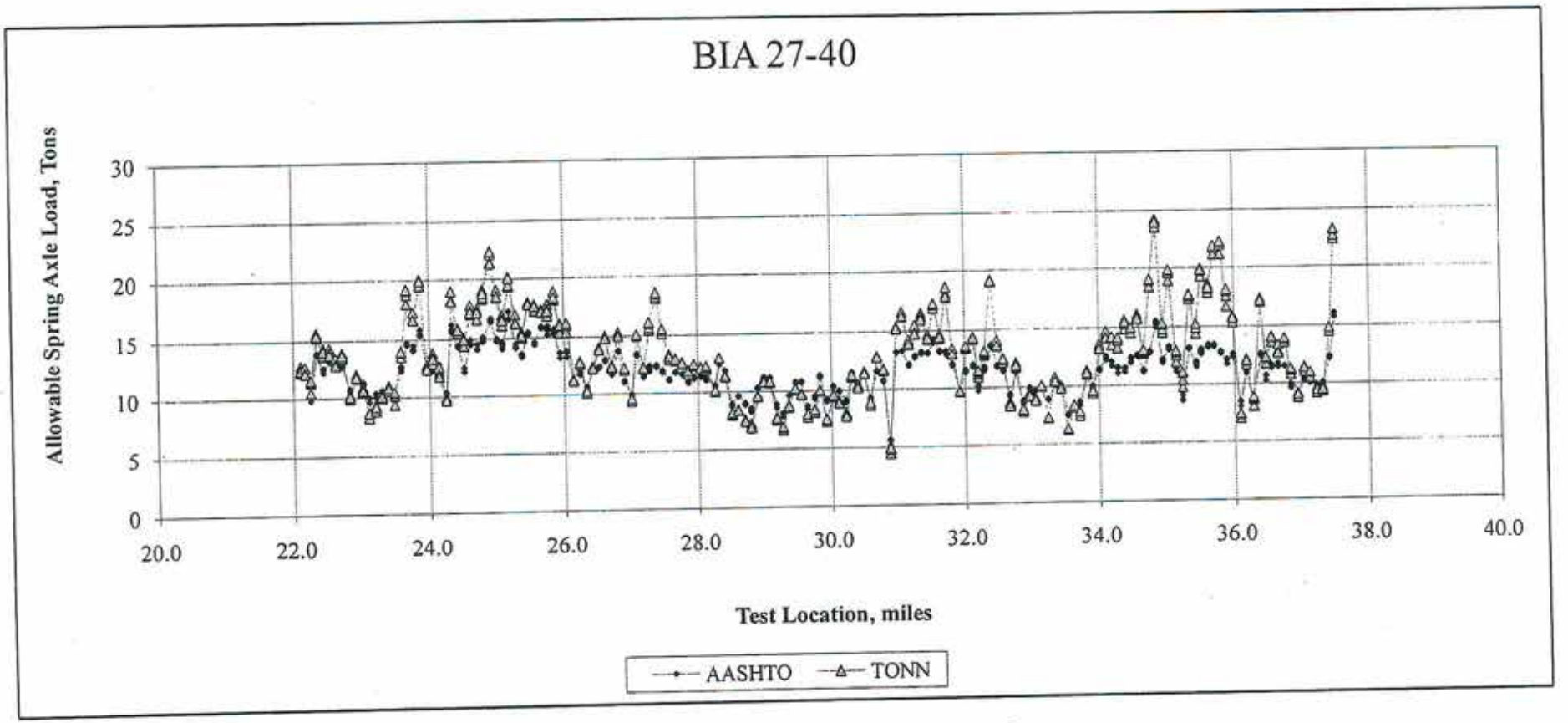
34.108	76.1	1	11:10 AM	85.5	6617	14.67	12.1	9.86	6.93	5.05	2.62	1.64	1.21	10 79.5	1.00	37.3	9,638	16.2	3.5	12.5	5.9	4.5	14.5
34.108	76.1	2	11:10 AM	85.5	6529	14.2	11.65	9.47	6.75	4.9	2.64	1.6	1.19	9.7 79.5	1.00	36.7	9,807	16.6	3.5	12.6	5.9	4.6	14.7
34.108	76.1	3	11:10 AM	85.5	8318	18.94	15.43	12.49	8.82	6.37	3.47	2.16	1.65	13 79.5	1.00	38.1	9,549	16.1	3.5	12.3	5.9	4.5	14.2
34.108	76.1	4	11:10 AM	85.5	8767	20.05	16.28	13.19	9.34	6.84	3.63	2.33	1.79	13 79.5	1.00	38.2	9,407	15.8	3.5	12.3	5.9	4.5	14.1
34.194	74.7	1	11:11 AM	85.4	6320	15.27	11.98	9.59	6.57	4.78	2.51	1.56	1.23	9.7 79.4	1.00	40.0	9,479	15.9	3.3	11.7	5.8	4.5	13.5
34.194	74.7	2	11:11 AM	85.4	6430	14.6	11.54	9.29	6.43	4.7	2.49	1.57	1.22	9.4 79.4	1.00	38.0	9,888	16.7	3.4	12.1	5.9	4.5	14.2
34.194	74.7	3	11:11 AM	85.4	8526	19.37	15.3	12.33	8.53	6.22	3.3	2.09	1.62	12 79.4	1.00	38.0	9,900	16.8	3.4	12.1	5.9	4.5	14.2
34.194	74.7	4	11:11 AM	85.4	8888	20.15	15.87	12.81	8.89	6.48	3.42	2.22	1.74	13 79.4	1.00	38.0	9,910	16.8	3.4	12.1	5.9	4.5	14.2
34.282	74.1	1	11:12 AM	85.2	6408	15.84	11.93	9.24	6.17	4.23	2.26	1.39	1.14	9.6 79.3	1.01	40.8	10,303	17.6	3.0	11.1	5.9	4.5	13.2
34.282	74.1	2	11:12 AM	85.2	6375	14.79	11.48	8.94	6.07	4.17	2.33	1.36	1.31	9.3 79.3	1.01	38.7	10,599	18.2	3.1	11.5	6.0	4.6	13.9
34.282	74.1	3	11:12 AM	85.2	8372	19.45	14.88	11.52	7.71	5.53	2.93	1.91	1.43	12 79.3	1.01	38.8	10,526	18.1	3.1	11.5	6.0	4.6	13.9
34.282	74.1	4	11:12 AM	85.2	8877	20.22	15.77	12.19	8.31	5.8	3.14	2	1.59	13 79.3	1.01	38.1	10,673	18.4	3.2	11.6	6.0	4.6	14.2
34.387	73.9	1	11:13 AM	88.6	6507	14.26	10.35	7.61	4.66	3.2	1.86	1.39	1.14	8 81.4	0.99	36.3	12,918	23.3	2.8	11.2	6.2	4.7	14.9
34.387	73.9	2	11:13 AM	88.6	6353	13.08	9.7	7.25	4.46	3.09	1.84	1.4	1.16	7.4 81.4	0.99	34.5	13,340	24.2	2.9	11.6	6.2	4.7	15.6
34.387	73.9	3	11:13 AM	88.6	8372	17.68	12.97	9.53	5.97	4.21	2.47	1.91	1.61	9.7 81.4	0.99	35.2	12,944	23.3	3.0	11.5	6.2	4.7	15.3
34.387	73.9	4	11:13 AM	88.6	8877	18.53	13.63	10.06	6.3	4.46	2.65	2.02	1.69	10 81.4	0.99	34.9	13,010	23.5	3.0	11.6	6.2	4.7	15.5
34.480	73.8	1	11:14 AM	89.1	6386	14.41	11.34	8.94	5.93	4.25	2.37	1.54	1.21	8.8 81.7	0.99	37.1	10,575	18.2	3.3	12.0	6.0	4.6	14.5
34.480	73.8	2	11:14 AM	89.1	6375	13.91	11.13	8.88	5.95	4.26	2.33	1.63	1.3	8.7 81.7	0.99	36.1	10,658	18.4	3.4	12.3	6.0	4.6	15.0
34.480	73.8	3	11:14 AM	89.1	8427	18.32	14.71	11.69	7.95	5.77	3.23	2.21	1.74	12 81.7	0.99	36.0	10,489	18.0	3.4	12.4	6.0	4.6	15.0
34.480	73.8	4	11:14 AM	89.1	8932	19.43	15.57	12.39	8.44	6.14	3.44	2.35	1.85	12 81.7	0.99	36.0	10,458	17.9	3.4	12.4	6.0	4.6	15.0
34.577	74	1	11:15 AM	89.1	6452	13.11	10.63	8.29	5.63	3.92	2.2	1.64	1.35	8.3 81.7	0.99	34.1	11,635	20.4	3.4	12.5	6.1	4.7	15.8
34.577	74	2	11:15 AM	89.1	6342	12.6	10.33	8.07	5.46	3.87	2.24	1.6	1.32	8 81.7	0.99	33.5	11,682	20.6	3.4	12.7	6.2	4.7	16.1
34.577	74	3	11:15 AM	89.1	8482	17.22	13.91	10.91	7.42	5.29	3.01	2.15	1.75	11 81.7	0.99	34.1	11,430	20.0	3.4	12.6	6.1	4.7	15.8
34.577	74	4	11:15 AM	89.1	8866	18.18	14.55	11.43	7.78	5.56	3.16	2.24	1.83	11 81.7	0.99	34.4	11,352	19.8	3.4	12.6	6.1	4.7	15.7
34.664	73.7	1	11:16 AM	88.2	6397	16.85	13.34	10.31	6.78	4.78	2.39	1.51	1.16	11 81.2	0.99	42.3	9,297	15.5	3.1	11.2	5.8	4.4	12.8
34.664	73.7	2	11:16 AM	88.2	6342	16.52	12.89	10.01	6.65	4.72	2.38	1.5	1.18	10 81.2	0.99	41.9	9,358	15.7	3.1	11.2	5.8	4.5	12.9
34.664	73.7	3	11:16 AM	88.2	8438	21.68	16.96	13.16	8.75	6.21	3.19	2.05	1.63	14 81.2	0.99	41.5	9,471	15.9	3.1	11.3	5.8	4.5	13.0
34.664	73.7	4	11:16 AM	88.2	8976	22.92	17.93	13.93	9.27	6.62	3.41	2.2	1.72	14 81.2	0.99	41.3	9,477	15.9	3.2	11.4	5.8	4.5	13.1
34.762	73.5	1	11:17 AM	88.0	6584	10.95	8.41	6.35	4.12	2.96	1.57	1.11	0.95	6.2 81.1	0.99	29.3	15,193	28.4	3.2	12.8	6.5	4.9	18.4
34.762	73.5	2	11:17 AM	88.0	6507	10.41	8.06	6.14	4.05	2.84	1.65	1.26	1.05	6 81.1	0.99	28.5	15,702	29.6	3.3	13.0	6.5	4.9	19.0
34.762	73.5	3	11:17 AM	88.0	8537	13.67	10.45	7.91	5.16	3.67	2.16	1.61	1.34	7.8 81.1	0.99	28.5	15,850	30.0	3.2	12.9	6.5	4.9	19.0
34.762	73.5	4	11:17 AM	88.0	8910	14.17	10.93	8.31	5.45	3.88	2.31	1.73	1.46	8.1 81.1	0.99	28.3	15,758	29.8	3.3	13.0	6.5	4.9	19.1
34.855	72.7	1	11:19 AM	88.9	6573	7.64	6.32	5.03	3.51	2.68	1.63	1.22	0.98	4.8 81.7	0.98	22.5	18,121	35.4	3.8	15.3	6.8	5.2	24.0
34.855	72.7	2	11:19 AM	88.9	6507	7.79	6.17	4.92	3.47	2.65	1.65	1.2	0.98	4.8 81.7	0.98	23.0	18,009	35.1	3.7	15.0	6.8	5.1	23.5
34.855	72.7	3	11:19 AM	88.9	8548	9.8	8.18	6.55	4.65	3.59	2.24	1.65	1.35	6.4 81.7	0.98	22.3	17,758	34.5	3.9	15.5	6.8	5.2	24.2
34.855	72.7	4	11:19 AM	88.9	8976	10.47	8.51	6.86	4.92	3.74	2.36	1.74	1.42	6.7 81.7	0.98	22.6	17,805	34.6	3.8	15.3	6.8	5.2	23.9
34.946	73.2	1	11:20 AM	88.4	6375	14.37	11.5	9.09	6.06	4.2	2.06	1.43	1.1	9 81.4	0.99	37.2	10,651	18.3	3.3	12.0	6.0	4.6	14.5
34.946	73.2	2	11:20 AM	88.4	6331	13.93	11	8.76	5.89	4.12	2.05	1.44	1.23	8.6 81.4	0.99	36.4	10,825	18.7	3.3	12.1	6.0	4.6	14.8
34.946	73.2	3	11:20 AM	88.4	8471	18.02	14.14	11.17	7.51	5.28	2.77	1.94	1.66	11 81.4	0.99	35.5	11,267	19.7	3.3	12.2	6.1	4.6	15.2
34.946	73.2	4	11:20 AM	88.4	8789	18.53	14.52	11.48	7.72	5.43	2.81	1.98	1.63	11 81.4	0.99	35.2	11,367	19.9	3.3	12.2	6.1	4.6	15.3
35.041	73.3	1	11:21 AM	90.0	6529	10.66	8.13	6.33	4.12	2.91	1.61	1.13	0.82	6.4 82.4	0.98	28.5	15,379	28.9	3.3	13.1	6.5	4.9	18.9
35.041	73.3	2	11:21 AM	90.0	6485	10.16	7.85	6.1	4.07	2.9	1.52	1.17	1.46	6.2 82.4	0.98	27.7	15,568	29.3	3.4	13.4	6.5	4.9	19.5
35.041	73.3	3	11:21 AM	90.0	8537	13.18	10.04	7.7	5.09	3.63	2.06	1.48	1.62	7.7 82.4	0.98	27.4	16,171	30.7	3.3	13.3	6.6	5.0	19.7
35.041	73.3	4	11:21 AM	90.0	9020	13.82	10.51	8.12	5.35	3.81	2.27	1.57	1.17	8 82.4	0.98	27.2	16,284	31.0	3.3	13.3	6.6	5.0	19.8

35.144	74	1	11:22 AM	89.1	6364	18.15	14.35	11.41	7.78	5.59	2.69	1.63	0.99	12	81.8	0.99	45.1	8,122	13.2	3.2	11.1	5.6	4.4	12.0
35.144	74	2	11:22 AM	89.1	6441	17.37	13.85	11.02	7.56	5.47	2.76	1.64	1.2	11	81.8	0.99	43.0	8,457	13.8	3.3	11.5	5.7	4.4	12.6
35.144	74	3	11:22 AM	89.1	8548	22.54	17.94	14.29	9.85	7.14	3.64	2.17	1.57	15	81.8	0.99	42.2	8,612	14.2	3.3	11.6	5.7	4.4	12.8
35.144	74	4	11:22 AM	89.1	8921	23.16	18.54	14.8	10.21	7.41	3.78	2.27	1.65	15	81.8	0.99	41.7	8,686	14.3	3.4	11.7	5.7	4.4	13.0
35.236	74.4	1	11:23 AM	88.0	6211	22.39	14.93	10.18	5.81	3.82	2.05	1.54	1.03	11	81.2	0.99	55.3	9,140	15.2	2.1	8.6	5.6	4.3	9.8
35.236	74.4	2	11:23 AM	88.0	6101	20.51	14.02	9.64	5.71	3.8	2.07	1.42	1.26	9.9	81.2	0.99	52.1	9,378	15.7	2.3	9.0	5.6	4.3	10.4
35.236	74.4	3	11:23 AM	88.0	8274	25.89	17.87	12.37	7.45	4.99	2.73	1.91	1.62	13	81.2	0.99	48.9	9,860	16.7	2.4	9.4	5.7	4.4	11.0
35.236	74.4	4	11:23 AM	88.0	8800	27.37	18.61	12.98	7.82	5.26	2.91	2.07	1.68	13	81.2	0.99	48.7	9,916	16.8	2.4	9.4	5.7	4.4	11.1
35.339	74.3	1	11:24 AM	88.7	6529	11.8	9.45	7.42	5.06	3.63	1.95	1.39	1.09	7.3	81.6	0.99	31.1	12,627	23.1	3.4	13.1	6.3	4.8	17.4
35.339	74.3	2	11:24 AM	88.7	6441	11.39	9.08	7.03	4.95	3.57	1.91	1.32	1.02	7.1	81.6	0.99	30.6	12,939	23.3	3.5	13.3	6.3	4.8	17.6
35.339	74.3	3	11:24 AM	88.7	8438	14.97	11.96	9.22	6.43	4.64	2.53	1.69	1.34	9.3	81.6	0.99	30.7	12,999	23.4	3.5	13.2	6.3	4.8	17.6
35.339	74.3	4	11:24 AM	88.7	9031	15.83	12.67	9.82	6.86	4.93	2.69	1.85	1.45	9.9	81.6	0.99	30.4	13,112	23.7	3.5	13.3	6.3	4.8	17.8
35.437	75	1	11:25 AM	89.3	6364	14.58	11.16	8.22	5.13	3.81	2.2	1.53	1.27	8.2	82.0	0.98	37.5	11,270	19.7	3.1	11.6	6.0	4.6	14.4
35.437	75	2	11:25 AM	89.3	6562	14.4	10.84	8.09	5.2	3.84	2.27	1.46	1.35	8	82.0	0.98	36.2	11,615	20.4	3.1	11.8	6.1	4.6	14.9
35.437	75	3	11:25 AM	89.3	8570	18.3	13.87	10.46	6.78	5.05	2.94	2.19	1.67	10	82.0	0.98	35.4	11,677	20.5	3.2	12.0	6.1	4.7	15.3
35.437	75	4	11:25 AM	89.3	8987	19.17	14.42	10.89	7.19	5.25	3.14	2.2	1.82	11	82.0	0.98	35.4	11,747	20.7	3.2	12.0	6.1	4.7	15.3
35.512	75.8	1	11:26 AM	89.2	6661	10.57	7.66	5.65	3.54	2.59	1.55	1.39	1	5.6	81.9	0.98	28.0	16,929	32.5	3.1	12.7	6.6	5.0	19.3
35.512	75.8	2	11:26 AM	89.2	6474	9.96	7.17	5.32	3.42	2.51	1.59	1.27	1.01	5.4	81.9	0.98	27.4	17,165	33.1	3.2	12.9	6.6	5.0	19.7
35.512	75.8	3	11:26 AM	89.2	8471	12.81	9.3	6.96	4.6	3.38	2.13	1.66	1.35	7	81.9	0.98	27.1	16,969	32.6	3.2	13.1	6.6	5.0	19.9
35.512	75.8	4	11:26 AM	89.2	8877	13.54	9.59	7.18	4.74	3.5	2.22	1.71	1.39	7.2	81.9	0.98	27.2	17,042	32.8	3.2	13.0	6.6	5.0	19.8
35.621	75.9	1	11:27 AM	90.2	6551	11.53	9.18	7.26	4.89	3.48	1.81	1.25	0.99	7.2	82.5	0.98	30.2	13,346	24.2	3.5	13.2	6.3	4.8	17.9
35.621	75.9	2	11:27 AM	90.2	6430	10.74	8.55	6.76	4.57	3.3	1.79	1.22	0.87	6.8	82.5	0.98	29.0	13,891	25.4	3.5	13.5	6.4	4.9	18.6
35.621	75.9	3	11:27 AM	90.2	8383	14.38	11.19	8.8	5.93	4.31	2.38	1.6	1.19	8.8	82.5	0.98	29.6	13,759	25.2	3.4	13.3	6.4	4.8	18.2
35.621	75.9	4	11:27 AM	90.2	8965	15.25	11.76	9.3	6.3	4.57	2.55	1.73	1.29	9.3	82.5	0.98	29.4	13,876	25.4	3.5	13.3	6.4	4.9	18.3
35.703	76.9	1	11:28 AM	89.6	6880	9.69	7.29	5.54	3.64	2.49	1.33	1	0.81	5.8	82.2	0.98	25.6	18,525	36.4	3.2	13.3	6.7	5.1	21.1
35.703	76.9	2	11:28 AM	89.6	6814	9.25	6.91	5.27	3.5	2.42	1.23	0.97	0.76	5.5	82.2	0.98	24.9	19,005	37.6	3.3	13.5	6.8	5.1	21.7
35.703	76.9	3	11:28 AM	89.6	8658	11.6	8.65	6.52	4.33	3.04	1.62	1.31	0.97	6.8	82.2	0.98	24.6	19,234	38.2	3.3	13.5	6.8	5.1	21.9
35.703	76.9	4	11:28 AM	89.6	8833	11.83	8.79	6.56	4.42	3.11	1.69	1.3	1	7	82.2	0.98	24.6	19,205	38.1	3.3	13.5	6.8	5.1	21.9
35.803	76.7	1	11:29 AM	87.7	6825	9.44	6.74	5.02	3.11	2.15	1.12	0.75	0.57	5.4	81.0	0.99	25.5	20,291	40.8	3.0	12.7	6.8	5.1	21.2
35.803	76.7	2	11:29 AM	87.7	6770	8.9	6.37	4.74	2.96	2.06	1.09	0.82	0.66	5.2	81.0	0.99	24.6	21,147	43.0	3.0	12.9	6.8	5.2	21.9
35.803	76.7	3	11:29 AM	87.7	8570	11.09	7.8	5.78	3.65	2.55	1.42	1.09	0.92	6.3	81.0	0.99	24.3	21,566	44.0	3.0	12.9	6.9	5.2	22.2
35.803	76.7	4	11:29 AM	87.7	8877	11.44	8	5.92	3.74	2.61	1.48	1.15	0.96	6.4	81.0	0.99	24.3	21,755	44.5	3.0	12.9	6.9	5.2	22.2
35.891	76.9	1	11:30 AM	88.4	6298	11.99	9	6.77	4.19	2.75	1.32	0.92	0.88	6.6	81.5	0.98	32.4	14,682	27.3	2.9	11.8	6.4	4.8	16.7
35.891	76.9	2	11:30 AM	88.4	6353	11.31	8.57	6.47	4.04	2.67	1.32	0.93	0.9	6.3	81.5	0.98	30.7	15,434	29.0	3.0	12.1	6.4	4.9	17.6
35.891	76.9	3	11:30 AM	88.4	8449	14.58	10.74	8.06	5.08	3.39	1.68	1.23	1.11	7.9	81.5	0.98	30.0	16,066	30.5	3.0	12.2	6.5	4.9	18.0
35.891	76.9	4	11:30 AM	88.4	9009	15.35	11.28	8.43	5.33	3.56	1.78	1.32	1.24	8.3	81.5	0.98	29.7	16,296	31.0	3.0	12.2	6.5	4.9	18.2
35.981	77.4	1	11:31 AM	90.2	6408	13.68	10.31	7.91	5.39	4.09	2.54	1.73	1.43	8.3	82.6	0.98	35.3	11,075	19.2	3.4	12.4	6.1	4.6	15.3
35.981	77.4	2	11:31 AM	90.2	6474	13.19	10.07	7.76	5.35	4.04	2.57	1.93	1.55	8.2	82.6	0.98	34.0	11,413	20.0	3.4	12.7	6.1	4.7	15.9
35.981	77.4	3	11:31 AM	90.2	8526	17.52	13.35	10.33	7.14	5.4	3.44	2.59	2.09	11	82.6	0.98	34.2	11,266	19.7	3.4	12.7	6.1	4.7	15.8
35.981	77.4	4	11:31 AM	90.2	8910	18.42	13.92	10.76	7.46	5.64	3.6	2.66	2.16	11	82.6	0.98	34.4	11,250	19.6	3.4	12.6	6.1	4.7	15.7
36.085	77.7	1	11:32 AM	92.9	5991	31.7	22.31	16.99	11.46	8.55	4.97	3.62	2.67	17	84.3	0.98	77.0	4,783	7.0	2.5	8.0	4.7	3.9	7.0
36.085	77.7	2	11:32 AM	92.9	6112	30.2	21.96	16.85	11.51	8.62	5.12	3.44	2.58	17	84.3	0.98	72.4	4,936	7.3	2.7	8.4	4.8	3.9	7.5
36.085	77.7	3	11:32 AM	92.9	8065	40.39	29.7	22.54	15.5	11.6	6.89	4.68	3.52	22	84.3	0.98	73.3	4,850	7.1	2.7	8.4	4.8	3.9	7.4
36.085	77.7	4	11:32 AM	92.9	8559	42.46	31.09	23.95	16.41	12.3	7.26	5.03	3.78	24	84.3	0.98	72.7	4,868	7.2	2.7	8.5	4.8	3.9	7.4

36.177	76.2	1	11:33 AM	93.9	6167	18.51	14.02	10.85	7.26	5.39	3.21	2.43	2.03	11	84.9	0.97	46.2	8,018	13.0	3.2	10.9	5.6	4.3	11.7
36.177	76.2	2	11:33 AM	93.9	6222	17.83	13.63	10.58	7.15	5.34	3.24	2.46	1.97	10	84.9	0.97	44.4	8,240	13.4	3.2	11.2	5.6	4.4	12.2
36.177	76.2	3	11:33 AM	93.9	8274	24.12	18.35	14.3	9.76	7.27	4.44	3.3	2.61	14	84.9	0.97	45.1	8,065	13.1	3.2	11.2	5.6	4.4	12.0
36.177	76.2	4	11:33 AM	93.9	8833	25.55	19.52	15.2	10.39	7.74	4.7	3.52	2.83	15	84.9	0.97	44.7	8,100	13.1	3.3	11.2	5.6	4.4	12.1
36.278	77.1	1	11:34 AM	95.0	6189	28.7	19.61	13.34	8.06	5.51	2.96	2.08	1.65	13	85.6	0.96	67.1	6,668	10.4	2.2	8.1	5.1	4.0	8.0
36.278	77.1	2	11:34 AM	95.0	6255	26.89	18.45	12.78	7.92	5.44	2.91	1.98	1.67	12	85.6	0.96	62.7	6,986	11.0	2.4	8.5	5.2	4.1	8.6
36.278	77.1	3	11:34 AM	95.0	8263	34.9	24	16.67	10.49	7.12	3.86	2.7	2.27	16	85.6	0.96	61.7	7,078	11.2	2.4	8.6	5.3	4.1	8.8
36.278	77.1	4	11:34 AM	95.0	8833	36.8	25.38	17.69	11.13	7.58	4.12	2.88	2.45	17	85.6	0.96	60.9	7,137	11.3	2.4	8.7	5.3	4.1	8.9
36.390	77.5	1	11:35 AM	92.3	6694	12.73	9.41	6.81	4.43	3.27	2.05	1.5	1.2	6.7	83.9	0.97	31.7	13,722	25.1	3.2	12.4	6.3	4.8	17.0
36.390	77.5	2	11:35 AM	92.3	6452	11.94	8.91	6.49	4.24	3.19	2.02	1.47	1	6.4	83.9	0.97	31.0	13,757	25.1	3.3	12.7	6.3	4.8	17.4
36.390	77.5	3	11:35 AM	92.3	8493	16.14	12.04	8.79	5.82	4.3	2.69	2.07	1.67	8.6	83.9	0.97	31.7	13,421	24.4	3.3	12.6	6.3	4.8	17.0
36.390	77.5	4	11:35 AM	92.3	8844	16.68	12.43	9.09	6.07	4.39	2.76	2.15	1.82	9	83.9	0.97	31.5	13,628	24.9	3.2	12.5	6.3	4.8	17.1
36.466	78.3	1	11:36 AM	91.2	6375	18.99	14.04	10.66	6.72	4.44	2.05	1.33	1.1	10	83.3	0.97	46.1	9,277	15.5	2.8	10.3	5.7	4.4	11.7
36.466	78.3	2	11:36 AM	91.2	6386	17.84	13.56	10.29	6.5	4.38	2.03	1.35	1.11	10	83.3	0.97	43.6	9,605	16.2	2.9	10.7	5.8	4.4	12.4
36.466	78.3	3	11:36 AM	91.2	8493	23.98	18.29	13.94	8.85	6.02	2.84	1.92	1.55	14	83.3	0.97	44.0	9,375	15.7	2.9	10.7	5.8	4.4	12.3
36.466	78.3	4	11:36 AM	91.2	8888	25	19.11	14.6	9.34	6.3	2.98	2.02	1.64	14	83.3	0.97	43.9	9,389	15.7	3.0	10.7	5.8	4.4	12.3
36.553	77.9	1	11:37 AM	91.5	6441	16.11	12.45	9.56	6.15	4.21	1.93	1.28	0.97	9.6	83.5	0.97	39.7	10,322	17.7	3.1	11.4	5.9	4.5	13.6
36.553	77.9	2	11:37 AM	91.5	6496	15.56	12.1	9.35	5.98	4.13	1.93	1.23	0.96	9.3	83.5	0.97	38.3	10,673	18.4	3.1	11.6	6.0	4.6	14.1
36.553	77.9	3	11:37 AM	91.5	8548	20.57	16	12.39	8.04	5.54	2.6	1.72	1.35	13	83.5	0.97	38.4	10,525	18.1	3.2	11.6	6.0	4.6	14.0
36.553	77.9	4	11:37 AM	91.5	8921	21.46	16.73	12.94	8.5	5.83	2.76	1.72	1.42	13	83.5	0.97	38.4	10,471	18.0	3.2	11.7	6.0	4.6	14.0
36.650	78.2	1	11:38 AM	92.2	6672	17.85	14.12	11.06	7.38	5.25	2.68	1.67	1.3	11	83.9	0.97	42.0	8,935	14.8	3.2	11.5	5.8	4.4	12.9
36.650	78.2	2	11:38 AM	92.2	6672	17.01	13.65	10.66	7.23	5.18	2.69	1.66	1.32	10	83.9	0.97	40.3	9,156	15.3	3.3	11.8	5.8	4.5	13.4
36.650	78.2	3	11:38 AM	92.2	8427	22.92	18.28	14.33	9.73	6.96	3.65	2.43	1.78	14	83.9	0.97	42.6	8,600	14.1	3.3	11.5	5.7	4.4	12.7
36.650	78.2	4	11:38 AM	92.2	8855	24.13	19.33	15.19	10.43	7.42	3.81	2.47	1.97	15	83.9	0.97	42.7	8,510	14.0	3.3	11.5	5.7	4.4	12.6
36.745	80	1	11:39 AM	91.7	6441	16.16	12.77	9.87	6.57	4.38	1.97	1.31	0.98	9.2	83.6	0.97	39.7	10,055	17.1	3.2	11.5	5.9	4.5	13.6
36.745	80	2	11:39 AM	91.7	6375	15.59	12.21	9.44	6.3	4.19	1.99	1.33	0.99	8.9	83.6	0.97	38.9	10,372	17.8	3.2	11.6	5.9	4.5	13.9
36.745	80	3	11:39 AM	91.7	8482	20.7	16.32	12.59	8.38	5.43	2.57	1.67	1.35	12	83.6	0.97	38.8	10,554	18.1	3.1	11.5	6.0	4.6	13.9
36.745	80	4	11:39 AM	91.7	8833	21.47	16.99	13.15	8.73	5.7	2.69	1.81	1.42	12	83.6	0.97	38.7	10,516	18.1	3.1	11.6	6.0	4.6	14.0
36.837	79.8	1	11:40 AM	93.7	6408	21.28	14.88	10.73	6.41	4.32	2.38	1.73	1.33	11	84.9	0.96	50.0	9,027	15.0	2.6	9.6	5.6	4.3	10.8
36.837	79.8	2	11:40 AM	93.7	6123	19.63	13.8	10.03	6.09	4.12	2.3	1.74	1.38	9.9	84.9	0.96	48.5	9,177	15.3	2.6	9.8	5.7	4.4	11.1
36.837	79.8	3	11:40 AM	93.7	8197	25.82	18.36	13.39	8.22	5.61	3.18	2.35	1.84	13	84.9	0.96	47.8	9,157	15.3	2.7	10.0	5.7	4.4	11.3
36.837	79.8	4	11:40 AM	93.7	8800	27.61	19.59	14.3	8.63	6.07	3.52	2.43	1.67	14	84.9	0.96	47.7	9,131	15.2	2.7	10.0	5.7	4.4	11.3
36.938	79.1	1	11:41 AM	93.2	6288	26.49	19.6	14.38	8.7	5.59	2.44	1.37	1.16	15	84.6	0.96	61.8	6,961	11.0	2.4	8.7	5.2	4.1	8.7
36.938	79.1	2	11:41 AM	93.2	6309	25.25	18.71	13.9	8.52	5.55	2.44	1.41	1.13	14	84.6	0.96	59.0	7,159	11.3	2.5	9.0	5.3	4.1	9.1
36.938	79.1	3	11:41 AM	93.2	8339	33.82	25.12	18.65	11.44	7.33	3.17	1.87	1.57	19	84.6	0.96	59.7	7,123	11.3	2.5	8.9	5.3	4.1	9.0
36.938	79.1	4	11:41 AM	93.2	8811	35.82	26.59	19.78	12.15	7.79	3.39	2.03	1.67	21	84.6	0.96	59.8	7,091	11.2	2.5	8.9	5.3	4.1	9.0
37.035	80.9	1	11:42 AM	93.4	6331	20.47	15.87	11.89	7.56	5.11	2.39	1.46	1.11	12	84.7	0.96	48.9	8,215	13.4	2.9	10.2	5.6	4.3	11.0
37.035	80.9	2	11:42 AM	93.4	6375	19.71	15.15	11.44	7.3	5	2.37	1.49	1.09	11	84.7	0.96	47.1	8,507	13.9	2.9	10.5	5.6	4.3	11.5
37.035	80.9	3	11:42 AM	93.4	8405	26.3	20.27	15.28	9.87	6.6	3.06	1.8	1.49	15	84.7	0.96	47.5	8,461	13.9	2.9	10.4	5.6	4.3	11.4
37.035	80.9	4	11:42 AM	93.4	8965	28.02	21.54	16.26	10.49	7.03	3.26	1.93	1.61	16	84.7	0.96	47.5	8,472	13.9	2.9	10.4	5.6	4.3	11.4
37.122	80.2	1	11:43 AM	93.4	6331	21.54	16.14	11.91	7.76	5.6	3.28	2.35	1.69	12	84.7	0.97	51.4	7,613	12.2	2.9	10.0	5.5	4.2	10.5
37.122	80.2	2	11:43 AM	93.4	6408	20.7	15.66	11.73	7.72	5.63	3.31	2.35	1.62	12	84.7	0.97	49.2	7,792	12.5	3.0	10.4	5.5	4.3	11.0
37.122	80.2	3	11:43 AM	93.4	8482	27.44	20.83	15.57	10.35	7.5	4.47	3.28	2.8	15	84.7	0.97	49.3	7,756	12.5	3.0	10.4	5.5	4.3	11.0
37.122	80.2	4	11:43 AM	93.4	8833	28.5	21.67	16.16	10.76	7.84	4.66	3.41	2.74	16	84.7	0.97	49.2	7,744	12.4	3.0	10.4	5.5	4.3	11.0

37.222	79.7	1	11:44 AM	93.5	6255	24.94	19.93	14.57	9.87	6.93	4.01	2.77	2.3	15	84.8	0.97	59.3	6,225	9.6	2.9	9.4	5.2	4.1	9.1
37.222	79.7	2	11:44 AM	93.5	6309	23.54	19.18	14.18	9.68	6.89	3.86	2.7	2.11	14	84.8	0.97	55.9	6,429	10.0	3.0	9.9	5.2	4.1	9.7
37.222	79.7	3	11:44 AM	93.5	8361	31.97	25.67	19.09	13.08	9.35	5.26	3.7	2.89	20	84.8	0.97	57.1	6,276	9.7	3.0	9.8	5.2	4.1	9.5
37.222	79.7	4	11:44 AM	93.5	8866	33.94	27.22	20.3	13.93	9.95	5.61	3.94	3.06	21	84.8	0.97	57.2	6,259	9.6	3.0	9.8	5.2	4.1	9.4
37.311	78.6	1	11:45 AM	94.0	6244	24.36	18.91	14.97	10.07	7.42	4.34	3.06	2.6	15	85.1	0.97	58.2	5,983	9.1	3.0	9.8	5.2	4.1	9.3
37.311	78.6	2	11:45 AM	94.0	6298	23.36	18.42	14.63	9.85	7.34	4.3	2.91	2.46	14	85.1	0.97	55.6	6,158	9.5	3.1	10.1	5.2	4.1	9.7
37.311	78.6	3	11:45 AM	94.0	8296	31.52	24.81	19.74	13.44	9.91	5.82	4.19	3.56	20	85.1	0.97	56.8	6,009	9.2	3.1	10.0	5.2	4.1	9.5
37.311	78.6	4	11:45 AM	94.0	8778	33.54	26.25	20.89	14.24	10.5	6.17	4.42	3.8	21	85.1	0.97	57.1	5,994	9.2	3.1	10.0	5.2	4.1	9.5
37.415	78.2	1	11:46 AM	93.1	6441	15.04	12	9.31	6.21	4.44	2.48	1.85	1.54	9	84.6	0.96	37.3	10,212	17.4	3.4	12.2	6.0	4.6	14.5
37.415	78.2	2	11:46 AM	93.1	6463	14.67	11.59	9.01	6.12	4.38	2.51	1.8	1.43	8.8	84.6	0.96	36.5	10,425	17.9	3.4	12.3	6.0	4.6	14.8
37.415	78.2	3	11:46 AM	93.1	8603	19.46	15.5	12.06	8.12	5.83	3.31	2.49	2.08	12	84.6	0.96	36.4	10,437	17.9	3.4	12.3	6.0	4.6	14.9
37.415	78.2	4	11:46 AM	93.1	8965	20.33	16.09	12.56	8.47	6.09	3.45	2.57	2.18	12	84.6	0.96	36.4	10,412	17.8	3.4	12.3	6.0	4.6	14.8
37.494	78.2	1	11:47 AM	93.6	6628	8.83	6.94	5.56	4.11	3.36	2.42	1.95	1.64	5.5	84.9	0.96	24.2	14,816	27.6	4.0	15.7	6.6	5.0	22.4
37.494	78.2	2	11:47 AM	93.6	6584	8.6	6.67	5.38	3.99	3.25	2.37	1.89	1.56	5.3	84.9	0.96	23.8	15,198	28.5	4.0	15.7	6.7	5.0	22.7
37.494	78.2	3	11:47 AM	93.6	8789	11.13	8.77	7.11	5.32	4.33	3.19	2.55	2.04	7	84.9	0.96	23.3	15,302	28.7	4.1	16.0	6.7	5.1	23.2
37.494	78.2	4	11:47 AM	93.6	8965	11.31	8.93	7.24	5.41	4.41	3.22	2.62	2.2	7.2	84.9	0.96	23.2	15,330	28.8	4.1	16.1	6.7	5.1	23.2


BIA 27-40
Eff. Structural Number
Eff. R-value
Test Location, miles
Eff. G.E.
Eff. R-value
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
20.0
22.0
24.0
26.0
28.0
30.0
32.0
34.0
36.0
38.0
40.0


BIA 27-40
Allowable Spring Axle Load, Tons
30
25
20
15
10
5
0
20.0
22.0
24.0
26.0
28.0
30.0
32.0
34.0
36.0
38.0
40.0
Test Location, miles
AASHTO
TONN

County:	Name
Date Tested:	6/19/2008
Julian:	171
Highway	BIA 27-60
From:	Bridge A112
To:	Bridge A021
Dir	NB
Prev Day Temp	75 °F
Bit. Thickness	4.7 inches
Daily ESALs	19.7
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	183,679
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.43

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	1500
	0	7.874	11.81	17.72	23.62	35.4	47.244	59.06
	0	7.874	11.81	17.72	23.62	35.4	47.244	59.06
	28.20	20.73	15.26	9.85	7.01	4.01	2.87	2.27
		0.74	0.54	0.35	0.25	0.14	0.10	0.08

1.3

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

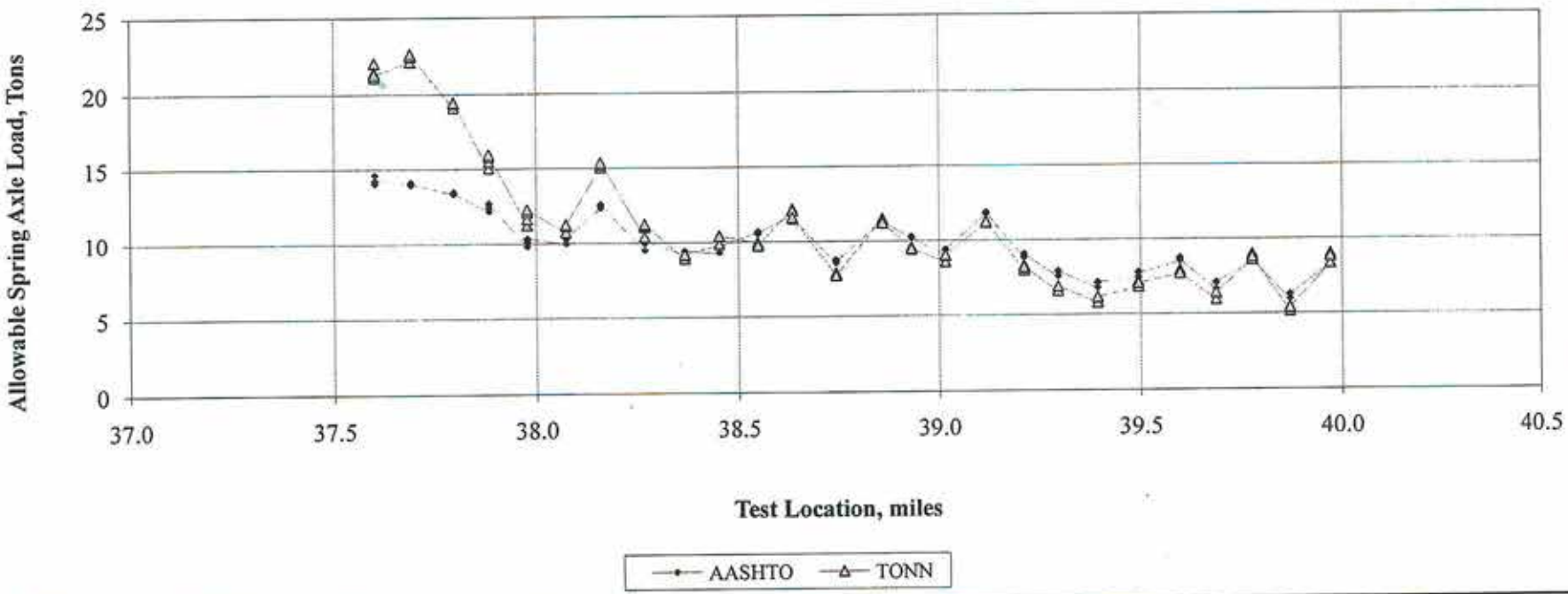
	Summary of Analysis Results							
	$_sBB_{80}$	Esg	Eff.	E SN	Axle Load for Design Defl. Tons			TONN
	mils	psi	R-val	inches	AASHTO			Tons
Avg. =	56.9	8,058	13.5	2.8	10.0			10.9
Median =	55.96	6,697	10.5	2.8	9.7			9.6
Std.Dev. =	19.47	3,756	7.9	0.6	2.2			4.5
85th % =	35.19	5,282	7.9	2.2	7.7			6.9

																				Calculated Spring Axle Load to Achive Design Deflection in Tons			Inv. 603
															Pvm't.	Temp.	Peak Spring	Spring Subgrade			Design Method			TONN
Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Temp. °F	Adj Fact.	Defl. mils	Modulus psi	Effective Values R-value	SN	AASHTO	Soil Fact.	Inv 183	Method
37.601	78.9	1	11:48 AM	93.8	6715	9.19	7.25	5.45	3.67	2.85	1.9	1.41	1.09	5.3	85.2	0.95	24.5	16,845	32.3	3.6	14.6	6.7	5.1	22.1
37.601	78.9	2	11:48 AM	93.8	6683	9.7	7.09	5.34	3.67	2.78	1.89	1.43	1.12	5.3	85.2	0.95	25.5	16,757	32.1	3.5	14.0	6.7	5.1	21.1
37.601	78.9	3	11:48 AM	93.8	8570	12.19	9.16	6.86	4.87	3.59	2.49	1.89	1.52	6.9	85.2	0.95	25.2	16,792	32.2	3.5	14.2	6.7	5.1	21.5
37.601	78.9	4	11:48 AM	93.8	8932	12.8	9.45	7.11	5	3.8	2.61	1.98	1.57	7.2	85.2	0.95	25.3	16,577	31.7	3.6	14.2	6.7	5.1	21.3
37.690	81.8	1	11:49 AM	92.7	6628	9.03	6.81	5.23	3.4	2.46	1.35	0.87	0.62	5.2	84.5	0.95	24.4	18,454	36.2	3.4	14.0	6.8	5.2	22.2
37.690	81.8	2	11:49 AM	92.7	6628	8.83	6.6	5.09	3.32	2.42	1.29	0.85	0.47	5.1	84.5	0.95	24.0	18,799	37.1	3.4	14.1	6.8	5.2	22.5
37.690	81.8	3	11:49 AM	92.7	8669	11.57	8.64	6.49	4.28	3.07	1.68	1.12	0.87	6.5	84.5	0.95	24.0	19,158	38.0	3.4	14.0	6.8	5.2	22.5
37.690	81.8	4	11:49 AM	92.7	9042	11.96	8.94	6.72	4.35	3.19	1.75	1.16	0.88	6.7	84.5	0.95	23.8	19,267	38.2	3.4	14.0	6.9	5.2	22.6
37.796	80.4	1	11:49 AM	90.8	6584	10.72	8.02	6.33	4.23	2.99	1.54	1.04	0.84	6.4	83.3	0.97	28.2	15,208	28.5	3.4	13.4	6.5	5.0	19.1
37.796	80.4	2	11:49 AM	90.8	6485	10.36	7.76	6.1	4.14	2.93	1.56	1.04	0.99	6.1	83.3	0.97	27.8	15,360	28.8	3.4	13.5	6.6	5.0	19.4
37.796	80.4	3	11:49 AM	90.8	8658	13.84	10.46	8.15	5.33	3.79	2.03	1.42	0.95	8.2	83.3	0.97	27.8	15,676	29.6	3.3	13.3	6.6	5.0	19.4
37.796	80.4	4	11:49 AM	90.8	8998	14.31	10.74	8.43	5.6	3.92	2.18	1.48	1.01	8.5	83.3	0.97	27.7	15,753	29.7	3.3	13.3	6.6	5.0	19.5
37.883	79.6	1	11:50 AM	92.2	6606	14.6	10.67	7.9	5.28	4.07	2.78	2.05	1.61	7.7	84.2	0.97	35.9	11,208	19.5	3.3	12.2	6.1	4.7	15.0
37.883	79.6	2	11:50 AM	92.2	6518	13.89	10.24	7.68	5.12	3.95	2.73	2.1	1.63	7.4	84.2	0.97	34.8	11,473	20.1	3.3	12.4	6.2	4.7	15.5
37.883	79.6	3	11:50 AM	92.2	8592	17.81	13.14	9.96	6.74	5.22	3.65	2.8	2.19	9.7	84.2	0.97	34.1	11,560	20.3	3.4	12.6	6.2	4.7	15.8
37.883	79.6	4	11:50 AM	92.2	8976	18.38	13.61	10.3	6.99	5.43	3.81	2.91	2.28	10	84.2	0.97	33.8	11,639	20.5	3.4	12.7	6.2	4.7	16.0
37.978	80.3	1	11:51 AM	91.0	6408	20.06	13.22	9.53	5.98	4.11	2.24	1.53	1.2	9.9	83.5	0.97	48.1	9,527	16.0	2.6	9.8	5.7	4.4	11.2
37.978	80.3	2	11:51 AM	91.0	6277	18.85	12.35	8.98	5.73	3.98	2.13	1.52	1.2	9.4	83.5	0.97	46.4	9,763	16.5	2.6	10.0	5.8	4.4	11.6
37.978	80.3	3	11:51 AM	91.0	8339	23.95	15.8	11.38	7.14	5.09	3.09	2.14	1.63	12	83.5	0.97	44.7	10,171	17.3	2.7	10.2	5.9	4.5	12.1
37.978	80.3	4	11:51 AM	91.0	8833	24.93	16.56	11.98	7.57	5.38	3.07	2.2	1.73	13	83.5	0.97	44.0	10,260	17.5	2.7	10.3	5.9	4.5	12.3
38.073	81.6	1	11:52 AM	92.5	6233	20.67	15.38	11.42	7.15	4.89	2.57	1.75	1.42	11	84.4	0.97	50.3	8,274	13.5	2.8	10.0	5.6	4.3	10.7
38.073	81.6	2	11:52 AM	92.5	6386	20.24	15.22	11.33	7.19	4.96	2.6	1.83	1.47	11	84.4	0.97	48.3	8,476	13.9	2.9	10.3	5.7	4.4	11.2
38.073	81.6	3	11:52 AM	92.5	8416	26.52	20.19	15.15	9.68	6.72	3.53	2.51	2	14	84.4	0.97	48.1	8,352	13.6	2.9	10.4	5.6	4.4	11.2
38.073	81.6	4	11:52 AM	92.5	8888	27.91	21.21	15.93	10.2	7.1	3.78	2.65	2.13	15	84.4	0.97	48.0	8,361	13.7	2.9	10.4	5.6	4.4	11.3

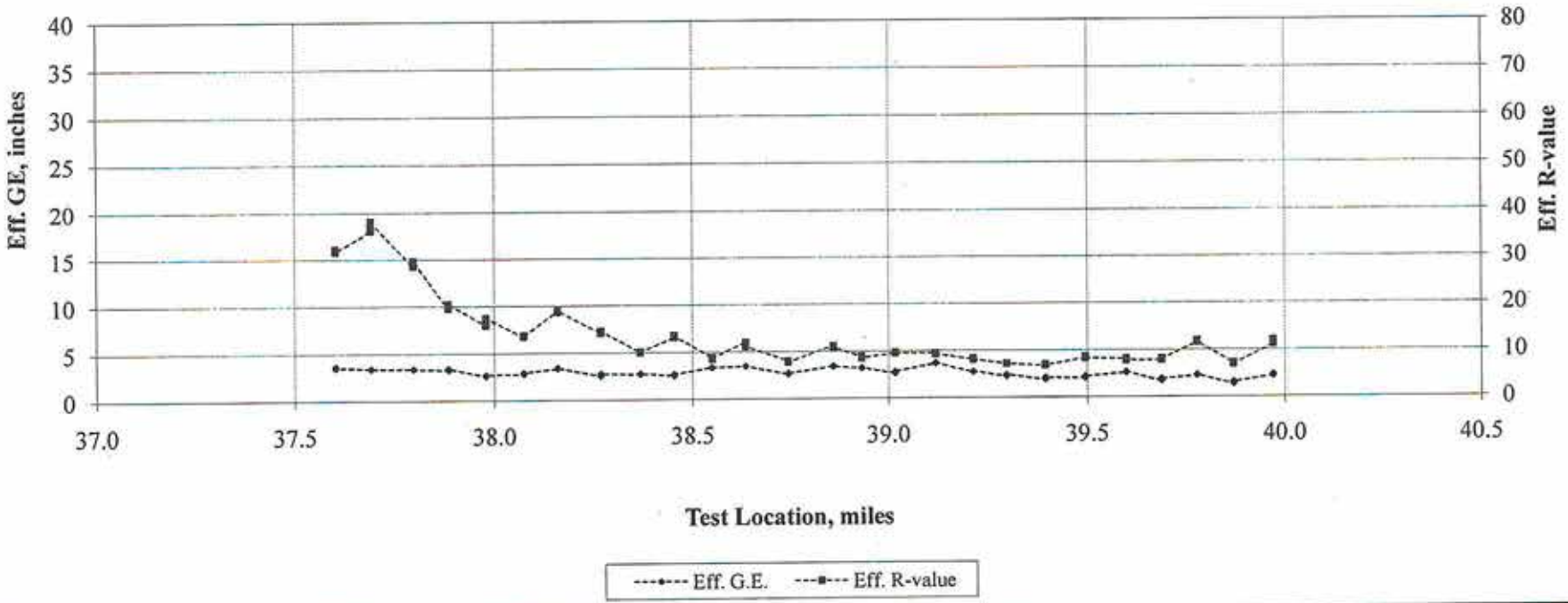
38.159	80.6	1	11:53 AM	92.1	6463	14.3	11.19	8.56	5.71	4.15	2.58	1.96	1.54	8.3	84.2	0.97	35.9	10,902	18.9	3.3	12.3	6.1	4.6	15.0
38.159	80.6	2	11:53 AM	92.1	6266	13.59	10.61	8.19	5.52	4.02	2.52	1.92	1.52	7.9	84.2	0.97	35.3	10,979	19.0	3.4	12.5	6.1	4.7	15.3
38.159	80.6	3	11:53 AM	92.1	8416	18.3	14.23	10.98	7.48	5.52	3.49	2.65	2.09	11	84.2	0.97	35.4	10,807	18.7	3.4	12.5	6.1	4.7	15.2
38.159	80.6	4	11:53 AM	92.1	8921	19.18	14.88	11.52	7.84	5.79	3.66	2.75	2.2	11	84.2	0.97	35.1	10,924	18.9	3.4	12.6	6.1	4.7	15.4
38.267	77.6	1	11:54 AM	93.1	6222	21.48	14.27	10.05	6.18	4.4	2.66	2.03	1.64	9.5	84.9	0.97	51.9	8,639	14.2	2.5	9.5	5.6	4.3	10.4
38.267	77.6	2	11:54 AM	93.1	6189	19.91	13.71	9.8	6.11	4.39	2.67	2.04	1.65	9.2	84.9	0.97	48.9	8,890	14.7	2.7	9.9	5.7	4.4	11.0
38.267	77.6	3	11:54 AM	93.1	8318	26.54	18.28	13.18	8.35	6.02	3.67	2.78	2.22	12	84.9	0.97	48.6	8,816	14.6	2.7	10.0	5.7	4.4	11.1
38.267	77.6	4	11:54 AM	93.1	8800	27.74	19.14	13.83	8.8	6.36	3.88	2.86	2.36	13	84.9	0.97	48.0	8,869	14.7	2.8	10.1	5.7	4.4	11.2
38.367	78.5	1	11:55 AM	92.9	6156	25.19	18.69	13.51	8.66	6.37	4.15	3.29	2.7	14	84.7	0.97	60.9	6,440	10.0	2.7	9.2	5.2	4.1	8.9
38.367	78.5	2	11:55 AM	92.9	6134	24.13	18.05	13.19	8.56	6.34	4.16	3.29	2.7	14	84.7	0.97	58.8	6,540	10.2	2.8	9.4	5.3	4.1	9.2
38.367	78.5	3	11:55 AM	92.9	8219	32.65	24.24	17.72	11.56	8.54	5.58	4.37	3.59	18	84.7	0.97	59.3	6,495	10.1	2.8	9.4	5.3	4.1	9.1
38.367	78.5	4	11:55 AM	92.9	8800	34.78	25.81	18.83	12.22	9.11	6	4.72	3.83	20	84.7	0.97	59.0	6,523	10.1	2.8	9.4	5.3	4.1	9.1
38.453	79.7	1	11:56 AM	93.1	6298	23.03	15.5	11.06	6.79	4.8	3.03	2.27	1.83	11	84.9	0.97	54.7	8,078	13.1	2.5	9.3	5.5	4.3	9.9
38.453	79.7	2	11:56 AM	93.1	6331	21.82	14.88	10.69	6.68	4.74	3.03	2.3	1.86	11	84.9	0.97	52.0	8,370	13.7	2.6	9.6	5.6	4.3	10.4
38.453	79.7	3	11:56 AM	93.1	8427	28.93	19.93	14.43	9.07	6.48	4.1	3.12	2.52	14	84.9	0.97	51.8	8,255	13.4	2.7	9.7	5.6	4.3	10.4
38.453	79.7	4	11:56 AM	93.1	8877	30.49	21.07	15.26	9.64	6.87	4.34	3.31	2.69	15	84.9	0.97	51.8	8,223	13.4	2.7	9.7	5.6	4.3	10.4
38.549	79.7	1	11:57 AM	93.1	6529	23.43	18.9	14.93	10.69	8.3	5.31	3.84	2.96	15	84.9	0.98	54.4	5,825	8.9	3.4	10.7	5.2	4.1	9.9
38.549	79.7	2	11:57 AM	93.1	6408	22.92	18.44	14.65	10.44	8.2	5.29	3.83	2.97	15	84.9	0.98	54.2	5,800	8.8	3.4	10.7	5.2	4.1	10.0
38.549	79.7	3	11:57 AM	93.1	8186	30.14	24.17	19.2	13.86	10.77	6.99	5.11	3.97	20	84.9	0.98	55.6	5,639	8.5	3.4	10.5	5.2	4.1	9.7
38.549	79.7	4	11:57 AM	93.1	8833	32.29	25.82	20.51	14.76	11.51	7.46	5.47	4.25	21	84.9	0.98	55.3	5,691	8.6	3.4	10.6	5.2	4.1	9.8
38.634	79.9	1	11:58 AM	94.4	6650	19.05	15.22	12.16	8.49	6.47	4.02	2.86	2.17	12	85.7	0.97	44.3	7,535	12.0	3.5	11.8	5.6	4.4	12.2
38.634	79.9	2	11:58 AM	94.4	6474	18.75	14.62	11.76	8.27	6.38	3.94	2.81	2.19	12	85.7	0.97	44.8	7,443	11.9	3.5	11.7	5.6	4.4	12.1
38.634	79.9	3	11:58 AM	94.4	8296	25.21	19.91	16.08	11.35	8.7	5.48	3.92	2.95	16	85.7	0.97	46.7	7,018	11.1	3.5	11.5	5.5	4.3	11.6
38.634	79.9	4	11:58 AM	94.4	8724	26.35	20.9	16.84	11.84	9.16	5.76	4.11	3.13	17	85.7	0.97	46.5	7,022	11.1	3.5	11.6	5.5	4.3	11.6
38.743	78.5	1	11:59 AM	94.4	6266	30.26	23.19	17.66	11.58	7.86	3.93	2.74	2.18	18	85.8	0.97	70.1	5,366	8.0	2.6	8.5	5.0	4.0	7.7
38.743	78.5	2	11:59 AM	94.4	6255	29.49	22.95	17.57	11.67	7.99	4.09	2.72	2.16	18	85.8	0.97	68.6	5,351	8.0	2.7	8.7	5.0	4.0	7.9
38.743	78.5	3	11:59 AM	94.4	8021	38.44	29.96	23.03	15.37	10.57	5.43	3.64	2.92	23	85.8	0.97	69.7	5,215	7.8	2.7	8.7	5.0	4.0	7.7
38.743	78.5	4	11:59 AM	94.4	8713	42.09	32.61	25.11	16.73	11.51	5.94	3.99	3.2	25	85.8	0.97	70.2	5,192	7.7	2.7	8.6	4.9	4.0	7.7
38.859	79.4	1	12:00 PM	95.7	6463	19.96	16.14	12.82	9.01	6.67	3.74	2.5	1.95	13	86.6	0.96	47.0	7,074	11.2	3.4	11.4	5.5	4.3	11.5
38.859	79.4	2	12:00 PM	95.7	6342	19.71	15.92	12.67	8.92	6.65	3.79	2.54	1.96	13	86.6	0.96	47.3	6,980	11.0	3.4	11.4	5.5	4.3	11.4
38.859	79.4	3	12:00 PM	95.7	8307	26.3	21.23	16.96	11.97	8.87	4.98	3.37	2.66	18	86.6	0.96	48.0	6,853	10.7	3.4	11.3	5.5	4.3	11.2
38.859	79.4	4	12:00 PM	95.7	8789	27.89	22.49	17.92	12.65	9.37	5.26	3.54	2.79	19	86.6	0.96	48.1	6,858	10.8	3.4	11.3	5.5	4.3	11.2
38.931	79.6	1	12:01 PM	94.6	6375	24.2	19.4	15.46	10.83	7.94	4.43	3.01	2.38	16	85.9	0.97	56.6	5,834	8.9	3.2	10.2	5.2	4.1	9.5
38.931	79.6	2	12:01 PM	94.6	6277	23.65	18.89	15.14	10.64	7.89	4.43	3.02	2.38	15	85.9	0.97	56.3	5,805	8.8	3.2	10.3	5.2	4.1	9.6
38.931	79.6	3	12:01 PM	94.6	8186	31.54	25.3	20.26	14.32	10.6	5.93	3.99	3.12	21	85.9	0.97	57.4	5,646	8.5	3.2	10.2	5.2	4.1	9.4
38.931	79.6	4	12:01 PM	94.6	8811	33.76	27.15	21.75	15.37	11.38	6.37	4.31	3.33	22	85.9	0.97	57.1	5,666	8.6	3.2	10.3	5.2	4.1	9.5
39.016	82	1	12:02 PM	95.0	6200	26.74	19.14	13.89	8.98	6.59	3.88	2.78	2.23	14	86.2	0.96	63.1	6,207	9.5	2.6	9.0	5.2	4.1	8.6
39.016	82	2	12:02 PM	95.0	6266	25.65	18.68	13.8	9.13	6.7	4	2.81	2.18	14	86.2	0.97	60.3	6,308	9.7	2.8	9.3	5.2	4.1	9.0
39.016	82	3	12:02 PM	95.0	8296	33.78	24.93	18.5	12.31	9.05	5.38	3.78	2.96	19	86.2	0.97	60.0	6,241	9.6	2.8	9.4	5.2	4.1	9.0
39.016	82	4	12:02 PM	95.0	8734	35.52	26.27	19.5	13	9.59	5.64	4.01	3.17	20	86.2	0.97	60.0	6,219	9.6	2.8	9.4	5.2	4.1	9.0
39.118	79.8	1	12:03 PM	94.7	6342	19.99	16.59	13.72	10.05	7.74	4.54	3.05	2.27	13	86.0	0.97	48.2	6,173	9.5	3.7	11.8	5.4	4.2	11.2
39.118	79.8	2	12:03 PM	94.7	6222	19.4	16.14	13.34	9.78	7.61	4.52	2.97	2.26	13	86.0	0.97	47.8	6,171	9.5	3.7	11.9	5.4	4.2	11.3
39.118	79.8	3	12:03 PM	94.7	8252	25.98	21.84	18.06	13.25	10.3	6.09	4.04	3.13	18	86.0	0.97	48.2	6,056	9.3	3.7	11.8	5.4	4.2	11.2
39.118	79.8	4	12:03 PM	94.7	8844	27.75	23.36	19.27	14.24	10.99	6.47	4.34	3.45	19	86.0	0.97	48.0	6,082	9.3	3.7	11.9	5.4	4.2	11.2

39.213	78.5	1	12:04 PM	94.4	6134	28.5	21.32	16.11	10.81	7.74	4.33	2.99	2.27	16	85.8	0.97	67.8	5,422	8.1	2.7	8.8	5.0	4.0	8.0
39.213	78.5	2	12:04 PM	94.4	6079	27.04	20.37	15.51	10.54	7.61	4.35	3.02	2.41	15	85.8	0.97	65.2	5,534	8.3	2.8	9.1	5.1	4.0	8.3
39.213	78.5	3	12:04 PM	94.4	8186	37.07	27.93	21.36	14.61	10.44	5.94	4.12	3.22	21	85.8	0.97	66.3	5,434	8.2	2.8	9.0	5.0	4.0	8.1
39.213	78.5	4	12:04 PM	94.4	8789	39.69	29.87	22.9	15.52	11.24	6.38	4.39	3.35	23	85.8	0.97	66.1	5,429	8.1	2.8	9.0	5.0	4.0	8.2
39.297	80.1	1	12:04 PM	95.3	6090	35.04	24.91	17.74	11.31	7.98	4.67	3.37	2.69	19	86.4	0.97	82.2	4,878	7.2	2.2	7.5	4.8	3.8	6.6
39.297	80.1	2	12:04 PM	95.3	6112	33.49	24.31	17.54	11.39	8.09	4.76	3.4	2.65	18	86.4	0.97	78.7	4,945	7.3	2.4	7.8	4.8	3.9	6.9
39.297	80.1	3	12:04 PM	95.3	8087	44.3	32.37	23.44	15.27	10.86	6.39	4.63	3.61	24	86.4	0.97	78.7	4,903	7.2	2.4	7.9	4.8	3.9	6.9
39.297	80.1	4	12:04 PM	95.3	8614	47.16	34.51	25.05	16.32	11.66	6.81	4.92	3.82	26	86.4	0.97	78.6	4,880	7.2	2.4	7.9	4.8	3.9	6.9
39.394	79	1	12:05 PM	96.0	6068	40.22	27.39	19.13	11.45	7.77	4.26	2.98	2.35	20	86.9	0.96	93.2	4,649	6.8	1.9	6.8	4.7	3.8	5.8
39.394	79	2	12:05 PM	96.0	6178	38.35	26.6	18.88	11.5	7.89	4.34	3.03	2.4	19	86.9	0.96	87.8	4,793	7.0	2.0	7.1	4.7	3.8	6.2
39.394	79	3	12:05 PM	96.0	8087	50.56	35.28	25.06	15.31	10.51	5.8	4.07	3.24	26	86.9	0.96	88.4	4,731	6.9	2.0	7.1	4.7	3.8	6.1
39.394	79	4	12:05 PM	96.0	8658	54	37.74	26.79	16.31	11.46	6.16	4.29	3.62	28	86.9	0.96	88.2	4,687	6.9	2.1	7.1	4.7	3.8	6.1
39.495	80.4	1	12:06 PM	96.5	6112	34.25	23.41	16.34	9.63	6.49	3.66	2.85	2.43	17	87.2	0.96	79.4	5,557	8.4	2.0	7.4	4.9	3.9	6.8
39.495	80.4	2	12:06 PM	96.5	6068	31.98	22.28	15.76	9.45	6.44	3.67	2.83	2.39	16	87.2	0.96	75.1	5,714	8.7	2.2	7.8	5.0	4.0	7.2
39.495	80.4	3	12:06 PM	96.5	8087	43.48	30.53	21.71	13.08	8.87	5	3.85	3.23	22	87.2	0.96	76.5	5,560	8.4	2.2	7.7	4.9	3.9	7.1
39.495	80.4	4	12:06 PM	96.5	8680	46.78	32.89	23.44	14.17	9.63	5.44	4.17	3.49	24	87.2	0.96	76.7	5,519	8.3	2.2	7.7	4.9	3.9	7.0
39.598	79.8	1	12:07 PM	95.6	6145	29.98	23.08	17.43	11.13	7.59	3.72	2.43	1.98	18	86.7	0.96	70.3	5,397	8.1	2.6	8.5	5.0	4.0	7.7
39.598	79.8	2	12:07 PM	95.6	6211	29.29	22.83	17.4	11.17	7.69	3.83	2.54	2	18	86.7	0.96	68.2	5,458	8.2	2.7	8.7	5.0	4.0	7.9
39.598	79.8	3	12:07 PM	95.6	8021	38.69	30.17	23.06	14.86	10.23	5.08	3.38	2.74	24	86.7	0.96	69.6	5,313	7.9	2.7	8.6	5.0	4.0	7.8
39.598	79.8	4	12:07 PM	95.6	8724	42.52	33.19	25.36	16.39	11.26	5.59	3.7	2.99	26	86.7	0.96	70.3	5,253	7.8	2.6	8.6	5.0	4.0	7.7
39.687	79.6	1	12:08 PM	96.4	5914	38.52	25.15	16.8	9.56	6.11	3.24	2.5	1.98	18	87.2	0.96	90.9	5,256	7.8	1.7	6.6	4.8	3.8	5.9
39.687	79.6	2	12:08 PM	96.4	5958	35.94	24.13	16.36	9.59	6.18	3.25	2.43	2.02	17	87.2	0.96	84.7	5,440	8.2	1.8	7.0	4.9	3.9	6.4
39.687	79.6	3	12:08 PM	96.4	8054	48.74	32.96	22.55	13.19	8.55	4.51	3.34	2.79	24	87.2	0.96	85.0	5,365	8.0	1.9	7.0	4.8	3.9	6.3
39.687	79.6	4	12:08 PM	96.4	8713	52.33	35.59	24.44	14.57	9.33	4.91	3.66	3.06	26	87.2	0.96	84.5	5,359	8.0	1.9	7.1	4.8	3.9	6.4
39.777	79.7	1	12:09 PM	95.5	6112	26.66	19.24	13.09	7.49	4.87	2.55	1.91	1.52	14	86.6	0.95	62.9	7,283	11.6	2.2	8.4	5.3	4.1	8.6
39.777	79.7	2	12:09 PM	95.5	6123	25.4	18.43	12.71	7.33	4.79	2.48	1.94	1.59	13	86.6	0.95	60.1	7,527	12.0	2.3	8.7	5.4	4.2	9.0
39.777	79.7	3	12:09 PM	95.5	8164	34.61	24.99	17.16	9.92	6.56	3.31	2.64	2.12	18	86.6	0.95	61.3	7,345	11.7	2.3	8.6	5.3	4.2	8.8
39.777	79.7	4	12:09 PM	95.5	8800	37.51	27.11	18.63	10.85	7.13	3.78	2.87	2.3	19	86.6	0.95	61.7	7,294	11.6	2.3	8.6	5.3	4.2	8.8
39.870	78.3	1	12:10 PM	96.5	6035	45.8	30.28	17.9	9.67	6.35	3.31	2.34	1.88	22	87.3	0.96	104.8	4,833	7.1	1.3	5.9	4.6	3.7	5.2
39.870	78.3	2	12:10 PM	96.5	6123	43.55	29.56	18.35	9.96	6.69	3.59	2.4	1.81	22	87.3	0.96	98.8	4,894	7.2	1.5	6.3	4.7	3.8	5.5
39.870	78.3	3	12:10 PM	96.5	7868	57.01	39.43	24.51	13.53	8.98	4.68	3.19	2.51	29	87.3	0.96	100.6	4,742	7.0	1.5	6.2	4.6	3.7	5.4
39.870	78.3	4	12:10 PM	96.5	8537	61.56	42.92	27.13	14.85	9.81	5.17	3.48	2.72	31	87.3	0.96	100.2	4,736	6.9	1.6	6.2	4.6	3.7	5.4
39.971	77.8	1	12:11 PM	95.9	6266	28.41	19.93	13.87	8.13	5.11	2.25	1.61	1.28	14	86.9	0.95	64.7	7,065	11.1	2.2	8.3	5.3	4.1	8.3
39.971	77.8	2	12:11 PM	95.9	6298	26.28	18.93	13.41	7.91	4.88	2.22	1.63	1.39	13	86.9	0.95	60.1	7,547	12.1	2.3	8.7	5.4	4.2	9.0
39.971	77.8	3	12:11 PM	95.9	8372	35.82	25.67	18.35	10.85	6.72	3.14	2.29	1.96	18	86.9	0.95	61.5	7,319	11.6	2.3	8.6	5.3	4.2	8.8
39.971	77.8	4	12:11 PM	95.9	8899	37.96	27.46	19.56	11.6	7.3	3.36	2.47	2.09	19	86.9	0.95	61.4	7,242	11.5	2.3	8.6	5.3	4.2	8.8

BIA 27-60


Allowable Spring Axle Load, Tons
25
20
15
10
5
0
37.0
37.5
38.0
38.5
39.0
39.5
40.0
40.5
Test Location, miles
AASHTO
TONN

BIA 27-60


Eff. GE, inches
Eff. R-value
40
35
30
25
20
15
10
5
0
80
70
60
50
40
30
20
10
0
37.0
37.5
38.0
38.5
39.0
39.5
40.0
40.5
Test Location, miles
Eff. G.E.
Eff. R-value

County:	Name
Date Tested:	6/19/2008
Julian:	171
Highway	BIA 27-80
From:	BRIDGE A021
To:	Pennington County Line
Dir	4
Prev Day Temp	36 °F
Bit. Thickness	4.8 inches
Daily ESALs	19.7
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	183,679
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.43

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	1500
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.055
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.055
	32.72	23.62	17.02	10.29	6.88	3.60	2.48	1.93
		0.72	0.52	0.31	0.21	0.11	0.08	0.06

1.3

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

Summary of Analysis Results	$_{s}BB_{50}$ mils	Esg psi	Eff. R-val	Eff SN inches	Axle Load for Design Defl. Tons AASHTO	S.F	Inv. 183	TONN Tons
Avg. =	68.9	7,682	12.6	2.2	8.5	5.3	4.1	9.1
Median =	66.88	6,550	10.2	2.3	8.4	5.2	4.1	8.1
Std.Dev. =	25.3	3,179	6.4	0.6	2.0	0.6	0.4	3.7
85th % =	40.64	4,707	6.9	1.6	6.5	4.7	3.8	5.5

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	SN	Calculated Spring Axle Load to Achive Design Deflection in Tons Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
40.063	80.3	1	12:13 PM	95.8	6079	41.72	29.96	21.47	13.18	8.94	4.24	2.74	2.18	23	73.9	1.03	103.2	4,236	6.1	1.7	6.3	4.5	3.7	5.2
40.063	80.3	2	12:13 PM	95.8	6156	39.81	28.65	20.9	13.15	8.94	4.29	2.89	2.28	22	73.9	1.03	97.7	4,376	6.3	1.8	6.6	4.6	3.7	5.5
40.063	80.3	3	12:13 PM	95.8	8054	52.17	37.91	27.68	17.45	12.07	5.94	3.59	2.72	29	73.9	1.03	97.7	4,293	6.2	1.9	6.6	4.6	3.7	5.5
40.063	80.3	4	12:13 PM	95.8	8691	56.29	41.04	30.07	18.98	13.18	6.52	3.94	3.02	32	73.9	1.03	97.7	4,263	6.1	1.9	6.6	4.5	3.7	5.5
40.164	80.6	1	12:14 PM	96.3	6200	19.79	14.02	9.91	5.63	3.55	1.62	1.2	0.99	9.9	74.2	1.06	53.1	10,050	17.1	2.1	8.7	5.7	4.4	10.2
40.164	80.6	2	12:14 PM	96.3	6222	19.19	13.43	9.52	5.37	3.44	1.61	1.2	1	9.7	74.2	1.06	51.6	10,405	17.8	2.1	8.8	5.8	4.4	10.5
40.164	80.6	3	12:14 PM	96.3	8318	25.77	17.89	12.39	7.06	4.43	2.16	1.63	1.35	13	74.2	1.06	51.7	10,593	18.2	2.0	8.7	5.8	4.4	10.4
40.164	80.6	4	12:14 PM	96.3	8855	27.45	19.1	13.24	7.46	4.68	2.28	1.72	1.44	13	74.2	1.06	51.8	10,634	18.3	2.0	8.6	5.8	4.4	10.4
40.255	80.1	1	12:15 PM	96.0	6463	9.65	7.2	5.35	3.53	2.61	1.78	1.32	1.29	5.3	74.1	1.06	28.9	16,918	32.5	3.0	12.4	6.6	5.0	18.7
40.255	80.1	2	12:15 PM	96.0	6573	9.6	7.08	5.29	3.45	2.64	1.79	1.4	1.12	5.3	74.1	1.06	28.4	17,110	33.0	3.0	12.5	6.6	5.0	19.0
40.255	80.1	3	12:15 PM	96.0	8680	12.56	9.26	6.95	4.59	3.61	2.37	1.85	1.38	7.1	74.1	1.06	28.2	16,777	32.2	3.1	12.7	6.6	5.0	19.1
40.255	80.1	4	12:15 PM	96.0	8998	12.98	9.59	7.23	4.76	3.64	2.48	1.91	1.61	7.3	74.1	1.06	28.1	17,105	33.0	3.1	12.6	6.6	5.0	19.2
40.342	78.4	1	12:16 PM	94.6	6233	19.04	13.89	10.22	6.62	4.76	2.91	2.14	2.11	10	73.2	1.05	50.8	8,687	14.3	2.6	9.7	5.6	4.3	10.6
40.342	78.4	2	12:16 PM	94.6	6331	18.35	13.52	10.04	6.58	4.76	2.96	2.26	1.76	10	73.2	1.05	48.6	8,949	14.8	2.7	10.0	5.7	4.4	11.1
40.342	78.4	3	12:16 PM	94.6	8361	24.42	18.12	13.52	8.95	6.46	4.04	3.05	2.44	14	73.2	1.05	48.8	8,772	14.5	2.7	10.0	5.7	4.4	11.1
40.342	78.4	4	12:16 PM	94.6	8965	26.25	19.43	14.57	9.56	6.97	4.34	3.28	2.59	15	73.2	1.05	48.9	8,729	14.4	2.7	10.0	5.7	4.4	11.0
40.439	77.8	1	12:17 PM	95.8	6320	27.65	19.88	14.84	9.48	6.78	3.78	2.63	2.17	15	74.0	1.04	68.7	6,138	9.4	2.3	8.3	5.1	4.0	7.9
40.439	77.8	2	12:17 PM	95.8	6167	25.87	18.8	14.1	9.07	6.61	3.85	2.61	1.93	14	74.0	1.04	66.1	6,241	9.6	2.4	8.5	5.2	4.1	8.2
40.439	77.8	3	12:17 PM	95.8	8208	35.01	25.54	19.17	12.5	9	5.18	3.54	2.74	20	74.0	1.04	67.1	6,115	9.4	2.4	8.5	5.1	4.0	8.1
40.439	77.8	4	12:17 PM	95.8	8756	37.26	27.21	20.46	13.34	9.62	5.52	3.77	2.86	21	74.0	1.04	66.9	6,113	9.4	2.4	8.5	5.1	4.0	8.1
40.530	78.8	1	12:18 PM	96.2	5947	49.92	36.06	27.44	17.27	11.74	5.38	3.2	2.44	27	74.2	1.03	123.7	3,281	4.6	1.6	5.7	4.2	3.5	4.4
40.530	78.8	2	12:18 PM	96.2	6013	48.58	35.64	27.35	17.57	11.92	5.62	3.45	2.63	27	74.2	1.02	119.2	3,323	4.6	1.8	5.9	4.2	3.5	4.5
40.530	78.8	3	12:18 PM	96.2	7769	63.2	46.72	36.02	23.03	16.07	7.42	4.13	3.3	36	74.2	1.02	119.9	3,228	4.5	1.8	5.9	4.2	3.5	4.5
40.530	78.8	4	12:18 PM	96.2	8394	68.46	50.93	39.19	25.2	17.26	8.07	4.83	3.68	39	74.2	1.02	120.2	3,237	4.5	1.8	5.9	4.2	3.5	4.5

40.626	79.5	1	12:19 PM	96.6	6178	30.37	22.16	16.3	9.97	6.63	3.16	2.22	1.98	16	74.5	1.04	76.3	5,851	8.9	2.1	7.6	5.0	4.0	7.1
40.626	79.5	2	12:19 PM	96.6	6309	29.76	21.92	16.19	10.04	6.74	3.31	2.33	1.73	16	74.5	1.04	73.5	5,970	9.1	2.2	7.8	5.0	4.0	7.4
40.626	79.5	3	12:19 PM	96.6	8405	40.62	29.89	22.11	13.73	9.2	4.48	3.16	2.52	22	74.5	1.04	75.1	5,826	8.9	2.1	7.7	5.0	4.0	7.2
40.626	79.5	4	12:19 PM	96.6	8866	43.11	31.6	23.41	14.56	9.82	4.82	3.39	2.59	24	74.5	1.04	75.4	5,771	8.8	2.1	7.7	5.0	4.0	7.2
40.720	81.6	1	12:20 PM	97.2	6474	30.77	17.04	13.16	8.67	6.52	3.99	2.59	2.13	13	74.9	1.03	73.5	6,156	9.5	2.1	7.7	5.1	4.0	7.3
40.720	81.6	2	12:20 PM	97.2	6211	21.06	15.73	12.32	8.3	6.35	3.92	2.68	2.02	12	74.9	1.03	54.5	6,932	10.9	2.9	9.9	5.4	4.2	9.9
40.720	81.6	3	12:20 PM	97.2	8339	27.92	21.2	16.56	11.17	8.58	5.33	3.8	2.72	17	74.9	1.03	53.9	6,929	10.9	3.0	10.0	5.4	4.2	10.0
40.720	81.6	4	12:20 PM	97.2	8734	28.95	22.04	17.25	11.65	8.95	5.59	4.04	2.76	17	74.9	1.03	53.5	6,970	11.0	3.0	10.1	5.4	4.2	10.1
40.812	79.9	1	12:21 PM	96.9	6562	14.03	10.52	8.02	5.37	3.98	2.28	1.84	1.51	8	74.7	1.04	37.6	11,454	20.1	3.0	11.5	6.1	4.6	14.4
40.812	79.9	2	12:21 PM	96.9	6342	13.3	9.94	7.61	5.15	3.87	2.42	1.85	1.54	7.7	74.7	1.04	37.0	11,483	20.1	3.1	11.7	6.1	4.7	14.6
40.812	79.9	3	12:21 PM	96.9	8515	18.02	13.54	10.36	7.04	5.26	3.32	2.46	2.02	10	74.7	1.04	37.2	11,354	19.8	3.1	11.7	6.1	4.6	14.5
40.812	79.9	4	12:21 PM	96.9	8899	18.51	14.1	10.81	7.39	5.5	3.44	2.58	2.12	11	74.7	1.04	36.7	11,414	20.0	3.1	11.8	6.1	4.7	14.7
40.912	79.3	1	12:22 PM	96.4	6584	16.75	12.28	9.17	5.8	4.03	1.97	1.33	1.2	8.9	74.4	1.05	43.6	10,677	18.4	2.6	10.2	5.9	4.5	12.4
40.912	79.3	2	12:22 PM	96.4	6320	15.69	11.55	8.64	5.47	3.84	2.01	1.31	1	8.6	74.4	1.05	42.7	10,830	18.7	2.7	10.4	5.9	4.5	12.7
40.912	79.3	3	12:22 PM	96.4	8526	20.91	15.48	11.57	7.39	5.17	2.76	1.77	1.32	12	74.4	1.05	42.2	10,894	18.9	2.7	10.5	6.0	4.5	12.8
40.912	79.3	4	12:22 PM	96.4	8932	21.81	16.12	12.13	7.7	5.41	2.91	1.88	1.44	12	74.4	1.05	42.1	10,920	18.9	2.7	10.5	6.0	4.5	12.8
41.009	80.2	1	12:23 PM	97.3	6353	19.25	14.74	11.51	7.83	5.68	3.17	2	1.43	12	75.0	1.03	49.7	7,873	12.7	2.9	10.3	5.6	4.3	10.9
41.009	80.2	2	12:23 PM	97.3	6397	19	14.19	11.12	7.64	5.58	3.15	2	1.45	11	75.0	1.03	48.9	8,057	13.1	2.9	10.4	5.6	4.3	11.0
41.009	80.2	3	12:23 PM	97.3	8537	24.76	18.96	14.92	10.32	7.59	4.31	2.76	2.02	15	75.0	1.03	47.9	8,013	13.0	3.0	10.6	5.6	4.3	11.3
41.009	80.2	4	12:23 PM	97.3	8866	25.78	19.61	15.52	10.69	7.92	4.5	2.88	2.1	16	75.0	1.03	48.0	7,980	12.9	3.0	10.6	5.6	4.3	11.3
41.089	81.3	1	12:24 PM	96.8	6277	18.04	13.51	10.26	6.77	5.04	3.17	2.44	1.93	10	74.7	1.04	47.6	8,606	14.1	2.9	10.3	5.7	4.4	11.3
41.089	81.3	2	12:24 PM	96.8	6452	17.49	13.17	10.09	6.75	5.06	3.37	2.33	1.91	10	74.7	1.03	45.3	8,917	14.8	3.0	10.7	5.7	4.4	11.9
41.089	81.3	3	12:24 PM	96.8	8438	22.28	16.73	12.87	8.64	6.53	4.19	3.18	2.48	13	74.7	1.04	44.4	9,075	15.1	3.0	10.8	5.8	4.4	12.2
41.089	81.3	4	12:24 PM	96.8	8954	23.4	17.51	13.46	9.12	6.87	4.42	3.39	2.64	14	74.7	1.04	44.0	9,159	15.3	3.0	10.9	5.8	4.4	12.3
41.198	79.7	1	12:25 PM	96.1	6573	15.31	11.24	8.62	5.8	4.5	3.08	2.43	1.91	8.6	74.3	1.04	40.2	10,268	17.5	3.1	11.3	6.0	4.5	13.4
41.198	79.7	2	12:25 PM	96.1	6375	14.62	10.49	8.14	5.62	4.37	3.07	2.36	1.88	8.2	74.3	1.04	39.6	10,311	17.6	3.1	11.5	6.0	4.6	13.6
41.198	79.7	3	12:25 PM	96.1	8482	18.81	13.84	10.67	7.32	5.77	4.06	3.07	2.45	11	74.3	1.04	38.6	10,474	18.0	3.2	11.7	6.0	4.6	14.0
41.198	79.7	4	12:25 PM	96.1	8899	19.52	14.29	11.13	7.77	6.04	4.24	3.28	2.6	11	74.3	1.04	38.3	10,526	18.1	3.2	11.8	6.0	4.6	14.1
41.286	79.4	1	12:25 PM	97.7	6704	15.19	11.37	8.65	5.96	4.55	3.04	2.4	1.87	8.9	75.3	1.03	39.0	10,422	17.9	3.1	11.6	6.0	4.6	13.8
41.286	79.4	2	12:25 PM	97.7	6562	14.67	11.03	8.44	5.91	4.54	3.07	2.41	1.94	8.8	75.3	1.03	38.6	10,326	17.7	3.2	11.8	6.0	4.6	14.0
41.286	79.4	3	12:25 PM	97.7	8350	19.2	14.43	11.09	7.78	5.97	4.02	3.11	2.57	11	75.3	1.03	39.5	10,007	17.0	3.2	11.7	5.9	4.6	13.7
41.286	79.4	4	12:25 PM	97.7	8866	20.1	15.15	11.63	8.15	6.27	4.22	3.26	2.57	12	75.3	1.03	39.0	10,127	17.2	3.2	11.7	6.0	4.6	13.8
41.394	80.2	1	12:26 PM	97.8	6320	15.56	11.92	9.05	5.78	4.12	2.17	1.46	1.19	8.7	75.4	1.04	42.0	10,400	17.8	2.9	10.8	5.9	4.5	12.9
41.394	80.2	2	12:26 PM	97.8	6288	15.01	11.44	8.76	5.64	4.04	2.17	1.44	1.07	8.5	75.4	1.04	40.9	10,614	18.3	2.9	10.9	6.0	4.6	13.2
41.394	80.2	3	12:26 PM	97.8	8449	19.98	15.39	11.82	7.83	5.57	3.04	2.04	1.61	12	75.4	1.04	40.6	10,475	18.0	3.0	11.1	6.0	4.6	13.3
41.394	80.2	4	12:26 PM	97.8	8866	20.92	16.05	12.38	8.19	5.87	3.2	2.16	1.69	12	75.4	1.04	40.5	10,454	17.9	3.0	11.1	6.0	4.6	13.3
41.479	79.6	1	12:27 PM	97.1	6617	24.02	13.94	9.19	5.32	3.63	2.19	1.59	1.59	11	75.0	1.04	58.6	9,669	16.3	1.8	8.0	5.6	4.3	9.2
41.479	79.6	2	12:27 PM	97.1	6441	22.36	13.34	8.92	5.27	3.63	2.09	1.48	1.13	11	75.0	1.04	56.4	9,743	16.5	1.9	8.3	5.6	4.3	9.6
41.479	79.6	3	12:27 PM	97.1	8164	28.82	17.36	11.6	6.95	4.81	2.76	1.94	1.61	13	75.0	1.04	57.2	9,443	15.8	1.9	8.3	5.6	4.3	9.4
41.479	79.6	4	12:27 PM	97.1	8724	30.66	18.65	12.53	7.53	5.19	2.97	2.19	1.61	14	75.0	1.04	57.0	9,414	15.8	2.0	8.3	5.6	4.3	9.5
41.575	80.3	1	12:28 PM	97.4	6189	31.61	20.6	13.74	7.41	4.83	2.53	1.64	1.33	12	75.2	1.04	79.0	6,833	10.7	1.5	6.9	5.1	4.0	6.8
41.575	80.3	2	12:28 PM	97.4	6145	29.21	19.32	13.1	7.39	4.81	2.56	1.65	1.29	11	75.2	1.04	74.0	7,063	11.1	1.7	7.3	5.2	4.0	7.3
41.575	80.3	3	12:28 PM	97.4	7999	37.08	24.57	16.76	9.41	6.33	3.33	2.15	1.7	15	75.2	1.04	72.3	7,106	11.2	1.8	7.4	5.2	4.1	7.5
41.575	80.3	4	12:28 PM	97.4	8713	39.51	26.05	17.94	10.06	6.8	3.67	2.42	1.43	16	75.2	1.04	70.9	7,233	11.5	1.8	7.5	5.2	4.1	7.6

41.679	81.4	1	12:29 PM	97.8	6167	21.92	14.85	10.37	6.67	5.01	3.3	2.59	1.88	11	75.5	1.03	56.8	7,879	12.7	2.4	9.0	5.5	4.2	9.5
41.679	81.4	2	12:29 PM	97.8	6112	20.81	14.26	10.06	6.54	5	3.33	2.64	1.89	10	75.5	1.03	54.7	7,985	12.9	2.5	9.3	5.5	4.3	9.9
41.679	81.4	3	12:29 PM	97.8	8164	27.11	18.82	13.4	8.87	6.77	4.53	3.36	2.63	14	75.5	1.03	53.5	7,997	12.9	2.6	9.5	5.5	4.3	10.1
41.679	81.4	4	12:29 PM	97.8	8866	29.38	20.17	14.46	9.57	7.35	4.91	3.71	2.86	15	75.5	1.03	53.4	8,005	13.0	2.6	9.5	5.5	4.3	10.1
41.765	82.7	1	12:30 PM	97.2	6090	27.89	19.09	13.18	7.27	4.21	1.91	1.46	1.38	13	75.1	1.04	72.0	7,669	12.3	1.6	7.2	5.3	4.1	7.5
41.765	82.7	2	12:30 PM	97.2	6255	27.05	18.83	13.1	7.22	4.35	1.99	1.45	1.22	13	75.1	1.04	68.4	7,859	12.7	1.7	7.5	5.3	4.1	7.9
41.765	82.7	3	12:30 PM	97.2	8208	36.16	25.3	17.54	9.61	5.76	2.56	1.9	1.67	17	75.1	1.04	69.6	7,754	12.5	1.7	7.4	5.3	4.1	7.8
41.765	82.7	4	12:30 PM	97.2	8800	39.05	27.2	18.85	10.33	6.17	2.75	2.07	1.81	19	75.1	1.04	70.0	7,731	12.4	1.7	7.4	5.3	4.1	7.7
41.861	80.1	1	12:31 PM	97.9	6386	42.19	29.71	20.51	11.98	8.05	4.35	3.29	2.72	22	75.6	1.02	98.8	4,696	6.9	1.6	6.4	4.6	3.7	5.5
41.861	80.1	2	12:31 PM	97.9	6386	40.04	28.66	20.06	11.81	8.04	4.41	3.2	2.59	21	75.6	1.02	94.1	4,811	7.1	1.8	6.6	4.7	3.8	5.7
41.861	80.1	3	12:31 PM	97.9	8394	52.59	38.04	26.85	16.08	10.92	5.93	4.33	3.61	28	75.6	1.02	94.0	4,725	6.9	1.8	6.7	4.7	3.8	5.7
41.861	80.1	4	12:31 PM	97.9	8921	56.03	40.44	28.62	17.2	11.66	6.36	4.7	3.87	30	75.6	1.02	94.2	4,707	6.9	1.8	6.7	4.7	3.8	5.7
41.956	80.2	1	12:32 PM	97.9	6046	43.28	29.4	19.44	9.35	4.87	1.8	1.39	1.15	18	75.6	1.04	108.0	5,682	8.6	0.8	5.4	4.7	3.8	5.0
41.956	80.2	2	12:32 PM	97.9	6145	40.52	28.29	19.01	9.32	5.04	1.81	1.43	1.2	17	75.6	1.04	100.1	5,872	8.9	1.0	5.8	4.8	3.8	5.4
41.956	80.2	3	12:32 PM	97.9	8098	54.03	37.65	25.39	12.46	6.6	2.16	1.69	1.61	24	75.6	1.04	101.4	5,855	8.9	1.0	5.7	4.8	3.8	5.3
41.956	80.2	4	12:32 PM	97.9	8636	57.83	40.3	27.37	13.5	7.11	2.5	2.01	1.64	25	75.6	1.04	101.6	5,815	8.8	1.0	5.7	4.8	3.8	5.3
42.043	80.4	1	12:33 PM	97.8	5871	48.52	34.01	23.41	13	8.01	3.74	2.4	1.79	24	75.5	1.03	121.9	4,057	5.8	1.2	5.4	4.4	3.6	4.4
42.043	80.4	2	12:33 PM	97.8	6046	46.96	33.41	23.42	13.37	8.38	3.89	2.48	1.83	24	75.5	1.03	115.0	4,142	5.9	1.4	5.7	4.4	3.6	4.7
42.043	80.4	3	12:33 PM	97.8	7890	60.81	44.51	30.96	17.73	11.05	5.16	3.26	2.46	32	75.5	1.03	114.1	4,134	5.9	1.4	5.7	4.4	3.6	4.7
42.043	80.4	4	12:33 PM	97.8	8460	65.25	48.11	33.31	19.09	11.92	5.74	3.53	2.61	34	75.5	1.02	114.1	4,119	5.9	1.4	5.8	4.4	3.6	4.7
42.146	79.7	1	12:34 PM	98.8	6057	42.27	31.52	22.41	12.11	6.91	2.56	1.45	0.98	21	76.2	1.03	104.3	4,829	7.1	1.4	6.0	4.6	3.7	5.2
42.146	79.7	2	12:34 PM	98.8	6145	41.22	30.62	21.85	11.88	6.81	2.55	1.45	1	21	76.2	1.03	100.6	4,996	7.4	1.4	6.1	4.7	3.8	5.4
42.146	79.7	3	12:34 PM	98.8	8076	54.81	40.73	29.21	15.91	9.08	3.34	1.91	1.35	28	76.2	1.03	101.7	4,931	7.3	1.4	6.1	4.6	3.7	5.3
42.146	79.7	4	12:34 PM	98.8	8603	58.95	43.61	31.31	17.07	9.77	3.61	2.07	1.48	31	76.2	1.03	102.6	4,883	7.2	1.4	6.0	4.6	3.7	5.3
42.242	79.8	1	12:36 PM	97.6	5849	51.06	36.52	24.53	12.59	7.46	3.22	2.19	1.67	26	75.5	1.03	128.7	4,091	5.9	1.0	5.1	4.3	3.6	4.2
42.242	79.8	2	12:36 PM	97.6	5882	49.11	35.5	24.23	12.6	7.49	3.24	2.2	1.67	25	75.5	1.03	123.4	4,184	6.0	1.1	5.3	4.4	3.6	4.4
42.242	79.8	3	12:36 PM	97.6	7791	65.82	47.61	32.85	17.24	10.23	4.43	2.95	2.27	34	75.5	1.03	124.7	4,095	5.9	1.1	5.3	4.4	3.6	4.3
42.242	79.8	4	12:36 PM	97.6	8493	71.22	52.17	36.15	18.96	11.26	4.89	3.46	2.56	37	75.5	1.03	123.8	4,089	5.9	1.1	5.3	4.4	3.6	4.4
42.344	79.7	1	12:37 PM	98.7	5903	53.65	39.62	28	14.39	8.61	4.37	3.22	2.59	27	76.2	1.02	132.5	3,744	5.3	1.1	5.1	4.2	3.5	4.1
42.344	79.7	2	12:37 PM	98.7	5849	49.43	36.67	26.13	13.8	8.38	4.38	3.26	2.53	25	76.2	1.02	123.7	3,912	5.6	1.2	5.4	4.3	3.6	4.4
42.344	79.7	3	12:37 PM	98.7	7813	65.3	48.75	34.95	18.76	11.48	5.97	4.42	3.5	35	76.2	1.02	122.4	3,880	5.5	1.3	5.5	4.3	3.6	4.4
42.344	79.7	4	12:37 PM	98.7	8471	70.35	52.72	37.87	20.41	12.56	6.5	4.77	3.83	38	76.2	1.02	121.7	3,873	5.5	1.3	5.5	4.3	3.6	4.4
42.424	80.9	1	12:38 PM	99.4	6145	30.94	25.13	20.15	13.94	9.85	4.9	2.73	1.8	20	76.7	1.02	76.4	4,494	6.5	2.7	8.3	4.8	3.9	7.1
42.424	80.9	2	12:38 PM	99.4	6167	30.25	24.59	19.69	13.74	9.71	4.95	2.78	1.8	20	76.7	1.02	74.6	4,586	6.7	2.8	8.5	4.8	3.9	7.2
42.424	80.9	3	12:38 PM	99.4	8054	39.87	32.43	25.96	18.14	12.92	6.57	3.69	2.39	26	76.7	1.02	75.2	4,514	6.6	2.8	8.5	4.8	3.9	7.2
42.424	80.9	4	12:38 PM	99.4	8647	42.79	34.77	27.9	19.57	13.94	7.06	3.94	2.33	29	76.7	1.02	75.2	4,498	6.5	2.8	8.5	4.8	3.9	7.2
42.530	79.3	1	12:39 PM	100.4	5947	40.87	32.85	26.19	17.68	12.03	5.56	3.07	2.33	26	77.3	1.01	101.2	3,477	4.9	2.3	6.8	4.3	3.6	5.3
42.530	79.3	2	12:39 PM	100.4	5980	39.49	31.72	25.43	17.37	11.83	5.56	3.08	2.41	25	77.3	1.01	97.5	3,575	5.0	2.3	7.0	4.4	3.7	5.5
42.530	79.3	3	12:39 PM	100.4	7879	53.02	42.36	34.19	23.06	16.19	7.54	4.35	2.77	34	77.3	1.01	99.2	3,463	4.8	2.4	7.0	4.3	3.6	5.4
42.530	79.3	4	12:39 PM	100.4	8471	56.95	45.67	36.91	25	17.5	8.11	4.7	2.87	37	77.3	1.01	99.1	3,451	4.8	2.4	7.0	4.3	3.6	5.4
42.614	79	1	12:40 PM	99.4	6178	26.89	20.52	15.53	9.8	6.49	3.1	2.04	1.62	16	76.7	1.02	67.4	6,229	9.6	2.4	8.4	5.1	4.0	8.0
42.614	79	2	12:40 PM	99.4	6002	25.83	19.63	14.87	9.45	6.27	3.03	2.02	1.6	15	76.7	1.02	66.7	6,278	9.7	2.4	8.4	5.2	4.1	8.1
42.614	79	3	12:40 PM	99.4	7999	35.59	26.93	20.44	13	8.63	4.21	2.83	2.23	21	76.7	1.02	68.7	6,077	9.3	2.4	8.3	5.1	4.0	7.9
42.614	79	4	12:40 PM	99.4	8658	38.8	29.3	22.2	14.15	9.35	4.56	3.06	2.44	22	76.7	1.02	69.2	6,055	9.3	2.3	8.3	5.1	4.0	7.8

42.714	79.9	1	12:41 PM	99.2	5914	47.85	34.65	24.14	14.77	10.07	4.97	3.1	2.31	25	76.6	1.02	118.3	3,631	5.1	1.6	5.8	4.3	3.6	4.6
42.714	79.9	2	12:41 PM	99.2	5860	44.98	33.23	23.54	14.72	10.13	5.05	3.15	2.62	24	76.6	1.02	112.6	3,680	5.2	1.7	6.0	4.3	3.6	4.8
42.714	79.9	3	12:41 PM	99.2	7747	59.1	44.28	31.58	19.75	13.65	7.05	4.39	2.96	32	76.6	1.01	111.9	3,649	5.1	1.8	6.1	4.3	3.6	4.8
42.714	79.9	4	12:41 PM	99.2	8526	64.82	48.87	34.84	21.8	15.05	7.81	4.84	3.3	35	76.6	1.01	111.5	3,650	5.1	1.8	6.1	4.3	3.6	4.8
42.822	79.2	1	12:42 PM	101.2	6046	49.91	36.82	26.35	15.21	10.27	5.24	3.69	2.82	27	77.9	1.01	119.8	3,604	5.1	1.5	5.7	4.3	3.6	4.5
42.822	79.2	2	12:42 PM	101.2	5958	48.07	35.97	26.13	15.46	10.61	5.51	3.8	2.91	27	77.9	1.01	117.2	3,543	5.0	1.7	5.9	4.3	3.6	4.6
42.822	79.2	3	12:42 PM	101.2	7714	62.6	47	34.13	20.38	14.02	7.31	5.04	3.88	34	77.9	1.01	117.8	3,492	4.9	1.7	5.9	4.2	3.6	4.6
42.822	79.2	4	12:42 PM	101.2	8296	67.51	50.66	36.89	22.11	15.28	7.98	5.43	4.2	37	77.9	1.01	118.1	3,461	4.8	1.7	5.9	4.2	3.6	4.6
42.903	79.2	1	12:43 PM	101.1	6057	40.45	28.13	19.7	11.98	7.74	3.99	2.76	2.17	21	77.9	1.01	98.6	4,639	6.8	1.7	6.4	4.6	3.7	5.5
42.903	79.2	2	12:43 PM	101.1	6167	39.14	27.66	19.61	12.12	7.9	4.1	2.81	2.17	21	77.9	1.01	94.0	4,738	6.9	1.8	6.7	4.7	3.8	5.7
42.903	79.2	3	12:43 PM	101.1	8076	51.51	36.56	26.06	16.15	10.57	5.51	3.8	2.95	28	77.9	1.01	94.4	4,672	6.8	1.8	6.7	4.7	3.8	5.7
42.903	79.2	4	12:43 PM	101.1	8603	54.99	39.05	27.86	17.3	11.3	5.9	4.09	3.17	30	77.9	1.01	94.6	4,658	6.8	1.8	6.7	4.6	3.8	5.7
42.995	79.3	1	12:44 PM	103.2	6408	26.71	20.52	15.66	10.16	7.11	3.67	2.37	1.83	16	79.2	1.00	63.8	6,122	9.4	2.6	8.9	5.2	4.1	8.5
42.995	79.3	2	12:44 PM	103.2	6266	25.87	20.03	15.38	10.05	7.06	3.65	2.37	1.8	15	79.2	1.00	63.2	6,083	9.3	2.7	9.0	5.2	4.1	8.5
42.995	79.3	3	12:44 PM	103.2	8230	34.57	26.82	20.63	13.52	9.55	4.99	3.24	2.46	21	79.2	1.00	64.2	5,932	9.0	2.7	9.0	5.1	4.1	8.4
42.995	79.3	4	12:44 PM	103.2	8789	36.95	28.74	21.93	14.46	10.17	5.3	3.48	2.62	22	79.2	1.00	64.2	5,941	9.1	2.7	9.0	5.1	4.1	8.4
43.104	79.3	1	12:45 PM	101.5	6397	19.82	15.13	11.42	7.41	5.16	2.81	1.91	1.44	11	78.2	1.01	49.7	8,353	13.6	2.8	10.1	5.6	4.3	10.9
43.104	79.3	2	12:45 PM	101.5	6255	19.13	14.57	11.05	7.22	5.04	2.79	1.9	1.48	11	78.2	1.01	49.1	8,398	13.7	2.8	10.1	5.6	4.3	11.0
43.104	79.3	3	12:45 PM	101.5	8164	26.56	20.28	15.47	10.17	7.13	3.92	2.67	2.06	15	78.2	1.01	51.8	7,802	12.6	2.8	9.9	5.5	4.3	10.4
43.104	79.3	4	12:45 PM	101.5	8724	28.47	21.73	16.55	10.87	7.62	4.2	2.87	2.18	17	78.2	1.01	51.9	7,792	12.5	2.8	9.9	5.5	4.3	10.4
43.200	79.3	1	12:46 PM	100.3	5969	33.58	25.06	18.39	11.12	7.29	3.48	2.28	1.76	18	77.4	1.02	84.5	5,130	7.6	2.0	7.2	4.8	3.9	6.4
43.200	79.3	2	12:46 PM	100.3	6101	33.5	25.04	18.47	11.3	7.44	3.65	2.39	1.79	18	77.4	1.02	82.6	5,187	7.7	2.1	7.3	4.8	3.9	6.5
43.200	79.3	3	12:46 PM	100.3	8021	45.08	33.59	24.88	15.17	10.04	4.83	3.21	2.59	25	77.4	1.02	84.4	5,059	7.5	2.0	7.2	4.8	3.8	6.4
43.200	79.3	4	12:46 PM	100.3	8669	48.69	36.57	27.01	16.52	10.91	5.3	3.52	2.73	27	77.4	1.02	84.3	5,044	7.5	2.1	7.3	4.8	3.8	6.4
43.296	80.6	1	12:46 PM	101.2	6035	37.06	27.2	19.63	11.19	7.38	3.52	2.38	1.83	20	78.0	1.01	91.2	4,935	7.3	1.8	6.8	4.7	3.8	5.9
43.296	80.6	2	12:46 PM	101.2	6024	34.91	26.13	19	10.89	7.22	3.46	2.29	1.77	19	78.0	1.01	86.5	5,119	7.6	1.9	7.0	4.8	3.8	6.2
43.296	80.6	3	12:46 PM	101.2	7890	47.07	34.85	25.43	14.64	9.67	4.69	3.05	2.39	26	78.0	1.01	88.8	4,991	7.4	1.9	6.9	4.7	3.8	6.1
43.296	80.6	4	12:46 PM	101.2	8592	51.96	38.5	27.93	16.02	10.59	5.26	3.38	2.65	28	78.0	1.01	89.9	4,946	7.3	1.9	6.9	4.7	3.8	6.0
43.386	79.7	1	12:47 PM	100.7	6123	31.85	20.92	13.73	7.7	5.08	2.85	2.13	1.56	15	77.7	1.02	78.7	6,562	10.2	1.7	7.0	5.1	4.0	6.9
43.386	79.7	2	12:47 PM	100.7	6156	31.43	20.56	13.76	7.74	5.26	2.93	2.11	1.59	14	77.7	1.02	77.4	6,520	10.1	1.7	7.2	5.1	4.0	7.0
43.386	79.7	3	12:47 PM	100.7	8032	41.8	27.66	18.56	10.54	7.02	3.9	2.78	2.07	19	77.7	1.02	78.7	6,385	9.9	1.7	7.1	5.0	4.0	6.9
43.386	79.7	4	12:47 PM	100.7	8756	45.46	30.18	20.34	11.58	7.67	4.22	3.1	2.3	21	77.7	1.02	78.5	6,384	9.9	1.7	7.1	5.0	4.0	6.9
43.479	80.7	1	12:48 PM	100.3	6079	35.67	26.37	18.81	10.91	6.84	3.26	2.4	1.96	18	77.5	1.02	87.9	5,273	7.9	1.8	6.9	4.8	3.8	6.1
43.479	80.7	2	12:48 PM	100.3	6057	34.27	25.47	18.31	10.7	6.78	3.27	2.41	1.97	18	77.5	1.02	85.0	5,375	8.1	1.9	7.0	4.8	3.9	6.4
43.479	80.7	3	12:48 PM	100.3	8065	46.61	34.73	25	14.72	9.27	4.49	3.31	2.73	25	77.5	1.02	86.6	5,247	7.8	1.9	7.0	4.8	3.8	6.2
43.479	80.7	4	12:48 PM	100.3	8669	50.5	37.65	27.12	15.93	10.06	4.88	3.61	2.94	27	77.5	1.02	87.2	5,200	7.7	1.8	6.9	4.8	3.8	6.2
43.561	79.3	1	12:49 PM	101.5	6156	28.66	21.9	16.07	9.74	6.22	2.7	1.57	1.1	16	78.3	1.01	70.9	6,199	9.5	2.2	8.0	5.1	4.0	7.6
43.561	79.3	2	12:49 PM	101.5	6079	28.49	21.68	15.99	9.78	6.3	2.78	1.59	1.14	16	78.3	1.01	71.4	6,092	9.3	2.2	8.0	5.1	4.0	7.6
43.561	79.3	3	12:49 PM	101.5	7988	38.6	29.35	21.58	13.09	8.33	3.58	2.08	1.5	22	78.3	1.01	73.4	5,993	9.2	2.2	7.8	5.0	4.0	7.4
43.561	79.3	4	12:49 PM	101.5	8680	42.27	32.21	23.67	14.33	9.13	3.98	2.15	1.72	24	78.3	1.01	73.9	5,943	9.1	2.1	7.8	5.0	4.0	7.3
43.653	79.6	1	12:50 PM	102.7	6079	38.74	29.17	21.7	13.34	8.48	3.65	2.37	1.89	22	79.1	1.01	93.8	4,507	6.6	1.9	6.8	4.6	3.8	5.8
43.653	79.6	2	12:50 PM	102.7	6035	38.08	28.87	21.63	13.35	8.53	3.66	2.44	1.85	23	79.1	1.01	92.9	4,491	6.5	2.0	6.9	4.6	3.8	5.8
43.653	79.6	3	12:50 PM	102.7	7868	51.18	38.8	28.8	17.99	11.58	5.22	3.34	2.91	30	79.1	1.01	95.6	4,331	6.3	2.0	6.8	4.6	3.7	5.7
43.653	79.6	4	12:50 PM	102.7	8493	55.56	41.98	31.29	19.43	12.48	5.6	3.61	3.09	33	79.1	1.01	96.1	4,325	6.2	1.9	6.7	4.6	3.7	5.6

43.759	79.5	1	12:51 PM	102.0	6079	32.02	23.43	16.56	9.24	5.54	2.7	2.18	2	17	78.6	1.01	79.1	6,210	9.6	1.8	7.1	5.0	4.0	6.8
43.759	79.5	2	12:51 PM	102.0	6024	31.6	23.01	16.36	9.23	5.58	2.74	2.21	1.98	17	78.6	1.01	78.8	6,168	9.5	1.8	7.2	5.0	4.0	6.9
43.759	79.5	3	12:51 PM	102.0	7988	42.41	31.22	22.03	12.45	7.49	3.74	3.1	2.72	22	78.6	1.01	79.6	6,094	9.3	1.8	7.1	5.0	3.9	6.8
43.759	79.5	4	12:51 PM	102.0	8702	46.46	33.86	24.15	13.46	8.08	4.04	3.17	2.92	24	78.6	1.01	80.1	6,109	9.4	1.8	7.1	5.0	3.9	6.7
43.852	78.9	1	12:52 PM	101.1	6112	37.22	27.73	19.8	11.59	7.07	3.28	2.35	1.94	19	78.1	1.01	90.6	5,107	7.6	1.8	6.7	4.8	3.8	6.0
43.852	78.9	2	12:52 PM	101.1	5947	35.08	26.17	18.87	11.2	6.94	3.24	2.33	1.96	18	78.1	1.01	87.9	5,156	7.7	1.8	6.9	4.8	3.8	6.1
43.852	78.9	3	12:52 PM	101.1	7626	46.17	34.38	24.78	14.67	9.07	4.22	3.08	2.61	24	78.1	1.01	90.0	5,043	7.5	1.8	6.8	4.7	3.8	6.0
43.852	78.9	4	12:52 PM	101.1	8263	50.29	37.35	26.88	15.89	9.78	4.76	3.37	2.48	26	78.1	1.01	90.5	5,044	7.5	1.8	6.8	4.7	3.8	6.0
43.940	82.5	1	12:56 PM	101.9	6309	32.41	23.35	16.8	9.95	6.45	3.19	2.36	1.9	15	78.7	1.01	77.2	5,901	9.0	2.0	7.5	5.0	3.9	7.0
43.940	82.5	2	12:56 PM	101.9	6178	30.79	22.24	16.17	9.72	6.33	3.2	2.31	1.89	15	78.7	1.01	75.1	5,972	9.1	2.1	7.6	5.0	4.0	7.2
43.940	82.5	3	12:56 PM	101.9	8087	41.08	29.8	21.67	13.07	8.54	4.33	3.13	2.69	20	78.7	1.01	76.4	5,823	8.9	2.1	7.6	5.0	4.0	7.1
43.940	82.5	4	12:56 PM	101.9	8669	44	31.84	23.21	13.94	9.04	4.59	3.35	2.61	22	78.7	1.01	76.4	5,866	8.9	2.1	7.6	5.0	4.0	7.1
44.047	80.8	1	12:57 PM	99.9	6145	44.9	28.52	19.37	11.06	6.92	3.19	2.29	1.83	22	77.4	1.02	107.7	4,755	7.0	1.3	5.8	4.6	3.7	5.0
44.047	80.8	2	12:57 PM	99.9	6090	42.02	27.37	18.92	11.09	7.04	3.31	2.37	1.88	21	77.4	1.02	102.1	4,822	7.1	1.4	6.1	4.6	3.7	5.3
44.047	80.8	3	12:57 PM	99.9	7999	54.54	36.17	25.23	14.87	9.45	4.43	3.18	2.52	27	77.4	1.02	100.9	4,793	7.0	1.5	6.2	4.6	3.7	5.4
44.047	80.8	4	12:57 PM	99.9	8603	58.02	38.75	27.17	16.07	10.2	4.78	3.46	2.72	29	77.4	1.02	99.9	4,809	7.1	1.5	6.2	4.6	3.7	5.4
44.147	80.5	1	12:58 PM	99.7	6057	43.48	30.08	20.32	12.14	8.45	5.22	3.78	2.91	21	77.3	1.01	105.4	4,279	6.2	1.6	6.1	4.5	3.7	5.1
44.147	80.5	2	12:58 PM	99.7	6068	41.14	28.87	19.9	12.11	8.52	5.22	3.8	2.98	20	77.3	1.01	100.0	4,372	6.3	1.8	6.4	4.6	3.7	5.4
44.147	80.5	3	12:58 PM	99.7	7988	53.76	37.87	25.76	15.79	11.06	6.98	4.89	3.64	27	77.3	1.01	99.3	4,421	6.4	1.8	6.5	4.6	3.7	5.4
44.147	80.5	4	12:58 PM	99.7	8625	57.79	40.9	27.86	17.07	11.95	7.54	5.28	3.88	29	77.3	1.01	98.9	4,428	6.4	1.8	6.5	4.6	3.7	5.5
44.230	80	1	12:59 PM	100.4	6529	23.8	17.99	13.85	9.31	6.68	3.94	2.89	2.12	14	77.8	1.01	57.2	6,765	10.6	2.8	9.6	5.3	4.2	9.4
44.230	80	2	12:59 PM	100.4	6309	22.6	17.16	13.28	8.98	6.44	3.81	2.81	2.22	13	77.8	1.01	56.3	6,817	10.7	2.8	9.7	5.3	4.2	9.6
44.230	80	3	12:59 PM	100.4	8175	30.51	23.45	18.19	12.35	8.83	5.25	3.83	2.97	18	77.8	1.01	58.3	6,475	10.0	2.8	9.5	5.3	4.1	9.3
44.230	80	4	12:59 PM	100.4	8822	33.3	25.26	19.58	13.28	9.49	5.65	4.11	3.2	20	77.8	1.01	58.9	6,468	10.0	2.8	9.4	5.3	4.1	9.2
44.318	80.5	1	1:00 PM	101.3	6035	36.04	24.56	17.76	11.43	8.17	4.7	3.44	2.67	19	78.4	1.01	88.6	4,712	6.9	2.0	7.1	4.7	3.8	6.1
44.318	80.5	2	1:00 PM	101.3	6112	34.63	24.01	17.63	11.43	8.27	4.78	3.44	2.66	19	78.4	1.01	84.4	4,816	7.1	2.2	7.4	4.8	3.8	6.4
44.318	80.5	3	1:00 PM	101.3	8054	45.96	32.4	23.92	15.65	11.24	6.51	4.67	3.57	25	78.4	1.01	84.9	4,713	6.9	2.2	7.4	4.7	3.8	6.4
44.318	80.5	4	1:00 PM	101.3	8756	50.04	35.07	25.99	16.94	12.2	6.99	5.05	3.88	27	78.4	1.01	85.0	4,715	6.9	2.2	7.4	4.7	3.8	6.4
44.421	80.3	1	1:01 PM	99.9	6430	24.16	18.19	13.64	8.91	6.22	3.33	2.24	1.76	14	77.5	1.02	58.9	6,936	10.9	2.6	9.2	5.3	4.2	9.2
44.421	80.3	2	1:01 PM	99.9	6277	22.86	17.35	13.07	8.61	6.06	3.28	2.26	1.73	14	77.5	1.02	57.3	7,025	11.1	2.7	9.4	5.4	4.2	9.4
44.421	80.3	3	1:01 PM	99.9	8142	31.54	23.78	18	11.85	8.32	4.45	2.98	2.33	19	77.5	1.02	60.4	6,625	10.3	2.6	9.1	5.3	4.1	8.9
44.421	80.3	4	1:01 PM	99.9	8702	33.86	25.48	19.26	12.74	8.96	4.79	3.22	2.55	20	77.5	1.02	60.7	6,582	10.2	2.6	9.1	5.3	4.1	8.9
44.512	79.7	1	1:02 PM	98.3	6386	17.93	12.03	8.67	5.12	3.41	1.78	1.3	1.02	8.9	76.5	1.03	46.6	11,070	19.2	2.3	9.4	5.9	4.5	11.6
44.512	79.7	2	1:02 PM	98.3	6309	16.65	11.29	8.18	4.87	3.26	1.74	1.28	1.01	8.4	76.5	1.03	44.2	11,591	20.4	2.4	9.7	6.0	4.5	12.2
44.512	79.7	3	1:02 PM	98.3	8131	21.06	14.36	10.31	6.14	4.19	2.3	1.69	1.36	10	76.5	1.03	43.5	11,705	20.6	2.4	9.8	6.0	4.6	12.4
44.512	79.7	4	1:02 PM	98.3	8789	22.29	15.18	10.9	6.54	4.47	2.46	1.83	1.48	11	76.5	1.03	42.8	11,902	21.0	2.4	9.9	6.0	4.6	12.6
44.601	79.7	1	1:03 PM	101.7	5947	45.36	35.51	27.99	18.49	12.69	6.06	3.73	2.81	28	78.7	1.01	110.8	3,240	4.5	2.1	6.4	4.2	3.6	4.9
44.601	79.7	2	1:03 PM	101.7	5914	43.35	34.36	27.33	18.32	12.74	6.23	3.84	2.89	28	78.7	1.00	106.7	3,263	4.5	2.2	6.6	4.2	3.6	5.1
44.601	79.7	3	1:03 PM	101.7	7747	57.43	45.42	36.14	24.35	16.94	8.22	5.05	3.76	36	78.7	1.00	107.9	3,218	4.5	2.2	6.6	4.2	3.6	5.0
44.601	79.7	4	1:03 PM	101.7	8482	62.81	49.6	39.49	26.67	18.55	9.06	5.54	4.24	40	78.7	1.00	107.7	3,219	4.5	2.2	6.6	4.2	3.6	5.0
44.698	79.7	1	1:04 PM	99.7	6650	16.49	11.76	8.73	5.57	3.91	2.41	1.85	1.58	8.7	77.4	1.02	41.5	11,050	19.2	2.7	10.6	6.0	4.6	13.0
44.698	79.7	2	1:04 PM	99.7	6463	15.17	11.09	8.28	5.32	3.78	2.35	1.83	1.55	8.3	77.4	1.02	39.7	11,329	19.8	2.8	11.0	6.0	4.6	13.6
44.698	79.7	3	1:04 PM	99.7	8241	19.59	14.26	10.7	7	5.04	3.17	2.46	2.07	11	77.4	1.02	40.1	10,967	19.0	2.9	11.0	6.0	4.6	13.5
44.698	79.7	4	1:04 PM	99.7	8833	20.35	14.96	11.23	7.37	5.31	3.36	2.59	2.16	11	77.4	1.02	39.1	11,217	19.5	2.9	11.2	6.0	4.6	13.8

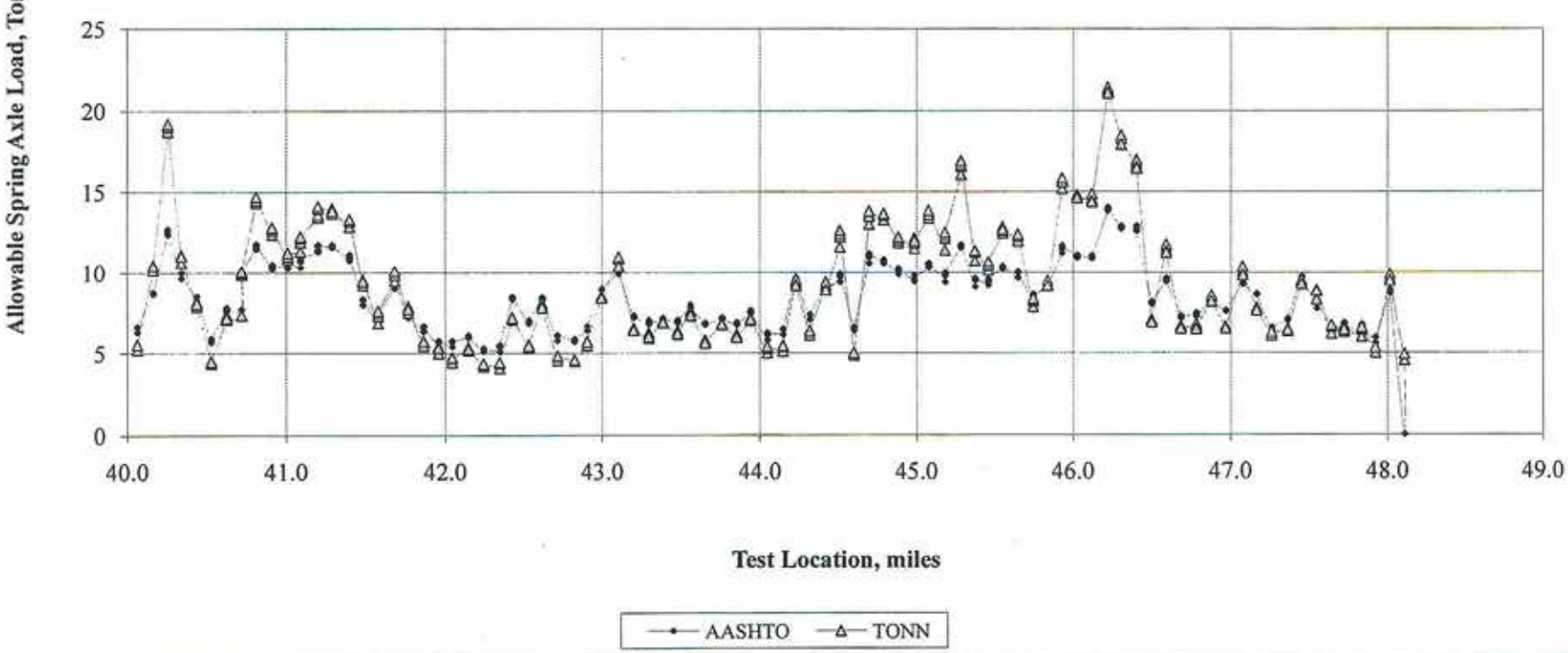
44.790	79.5	1	1:05 PM	100.1	6617	16.01	11.53	8.6	5.51	3.67	1.87	1.3	1.02	8.7	77.7	1.02	40.7	11,555	20.3	2.7	10.6	6.0	4.6	13.3
44.790	79.5	2	1:05 PM	100.1	6551	15.38	11.11	8.21	5.25	3.56	1.85	1.31	1.04	8.3	77.7	1.02	39.7	11,840	20.9	2.7	10.7	6.1	4.6	13.6
44.790	79.5	3	1:05 PM	100.1	8263	19.48	14.18	10.46	6.78	4.56	2.5	1.79	1.43	11	77.7	1.02	39.8	11,712	20.6	2.7	10.8	6.1	4.6	13.6
44.790	79.5	4	1:05 PM	100.1	8800	20.56	14.96	11.16	7.1	4.86	2.68	1.93	1.54	11	77.7	1.02	39.5	11,751	20.7	2.8	10.8	6.1	4.6	13.7
44.885	80.3	1	1:06 PM	101.7	6452	18.08	12.81	8.85	5.38	3.79	2.25	1.66	1.25	8.6	78.8	1.01	45.5	10,506	18.0	2.5	9.9	5.9	4.5	11.9
44.885	80.3	2	1:06 PM	101.7	6430	17.41	12.35	8.64	5.31	3.79	2.3	1.69	1.34	8.5	78.8	1.01	44.2	10,641	18.3	2.6	10.1	5.9	4.5	12.2
44.885	80.3	3	1:06 PM	101.7	8208	22.59	16.04	11.32	7.04	5.07	3.13	2.29	1.77	11	78.8	1.01	44.8	10,285	17.6	2.6	10.2	5.9	4.5	12.1
44.885	80.3	4	1:06 PM	101.7	8833	23.93	16.97	12.03	7.52	5.46	3.35	2.46	1.88	12	78.8	1.01	44.2	10,348	17.7	2.7	10.3	5.9	4.5	12.2
44.986	80.5	1	1:07 PM	102.1	6408	18.66	13.34	9.53	5.42	3.45	1.71	1.19	0.94	9.6	79.1	1.01	46.9	10,839	18.7	2.3	9.5	5.9	4.5	11.5
44.986	80.5	2	1:07 PM	102.1	6342	17.32	12.59	9.1	5.25	3.4	1.72	1.2	0.95	9.1	79.1	1.01	44.4	11,185	19.5	2.5	9.8	5.9	4.5	12.2
44.986	80.5	3	1:07 PM	102.1	8054	22.67	15.79	11.28	6.54	4.22	2.17	1.48	1.21	11	79.1	1.01	45.6	11,172	19.5	2.4	9.6	5.9	4.5	11.8
44.986	80.5	4	1:07 PM	102.1	8756	24.31	16.85	11.87	6.85	4.46	2.33	1.59	1.3	12	79.1	1.01	45.1	11,417	20.0	2.3	9.6	5.9	4.5	12.0
45.078	81	1	1:08 PM	101.0	6320	15.24	11.03	7.8	4.72	3.13	1.65	1.35	0.94	7.8	78.4	1.02	40.3	12,352	22.0	2.6	10.3	6.1	4.6	13.4
45.078	81	2	1:08 PM	101.0	6233	14.59	10.6	7.45	4.57	3.05	1.84	1	0.91	7.5	78.4	1.01	39.3	12,596	22.6	2.6	10.5	6.1	4.6	13.7
45.078	81	3	1:08 PM	101.0	8131	19.27	13.8	9.74	6	4.07	2.37	1.63	1.28	9.8	78.4	1.01	39.7	12,369	22.1	2.6	10.5	6.1	4.6	13.6
45.078	81	4	1:08 PM	101.0	8811	20.37	14.64	10.38	6.4	4.34	2.49	1.96	1.42	10	78.4	1.01	39.0	12,618	22.6	2.6	10.6	6.1	4.7	13.9
45.183	80.5	1	1:09 PM	100.4	6178	18	11.9	8.35	5.1	3.38	1.87	1.4	1.19	8.9	78.0	1.02	47.3	10,742	18.5	2.3	9.4	5.9	4.5	11.4
45.183	80.5	2	1:09 PM	100.4	6112	16.56	11.15	7.83	4.82	3.27	1.91	1.42	1.16	8.3	78.0	1.02	44.5	11,236	19.6	2.4	9.8	5.9	4.5	12.1
45.183	80.5	3	1:09 PM	100.4	8241	21.94	14.64	10.38	6.37	4.4	2.59	1.91	1.53	11	78.0	1.02	43.9	11,337	19.8	2.5	9.9	6.0	4.5	12.3
45.183	80.5	4	1:09 PM	100.4	8855	23.14	15.52	10.96	6.76	4.69	2.77	2.05	1.63	12	78.0	1.02	43.2	11,482	20.1	2.5	10.0	6.0	4.5	12.5
45.285	81.4	1	1:10 PM	100.6	6606	12.67	9.43	6.9	4.31	3.02	1.65	1.09	0.96	6.9	78.2	1.02	33.7	14,242	26.2	2.9	11.6	6.3	4.8	16.0
45.285	81.4	2	1:10 PM	100.6	6507	12	8.82	6.46	4.02	2.89	1.6	1.08	0.94	6.5	78.2	1.02	32.6	14,721	27.3	2.9	11.7	6.4	4.8	16.5
45.285	81.4	3	1:10 PM	100.6	8350	15.24	11.14	8.02	5.16	3.61	2.01	1.48	1.19	8.1	78.2	1.02	32.4	15,024	28.0	2.9	11.7	6.4	4.9	16.7
45.285	81.4	4	1:10 PM	100.6	8877	15.93	11.66	8.4	5.36	3.76	2.11	1.6	1.26	8.4	78.2	1.02	32.0	15,312	28.7	2.9	11.7	6.4	4.9	16.9
45.375	82.6	1	1:11 PM	100.4	6595	20.65	13.4	9.13	5.41	3.8	2.22	1.67	1.28	9.7	78.1	1.02	50.3	10,106	17.2	2.2	9.1	5.8	4.4	10.7
45.375	82.6	2	1:11 PM	100.4	6463	19.05	12.55	8.57	5.23	3.74	2.26	1.7	1.31	9.1	78.1	1.02	47.7	10,362	17.7	2.4	9.5	5.8	4.4	11.3
45.375	82.6	3	1:11 PM	100.4	8186	24.24	16.11	11.13	6.9	4.91	3.04	2.3	1.89	12	78.1	1.02	47.9	10,136	17.3	2.4	9.6	5.8	4.4	11.3
45.375	82.6	4	1:11 PM	100.4	8789	25.78	17.02	11.84	7.36	5.34	3.36	2.5	1.7	12	78.1	1.02	47.5	10,105	17.2	2.5	9.7	5.8	4.4	11.4
45.460	80.5	1	1:12 PM	99.5	6178	20.58	15.13	10.89	6.54	4.43	2.37	1.96	1.96	11	77.5	1.02	53.2	8,705	14.3	2.4	9.2	5.6	4.3	10.2
45.460	80.5	2	1:12 PM	99.5	6156	19.86	14.4	10.43	6.36	4.4	2.41	1.85	1.41	11	77.5	1.02	51.7	8,840	14.6	2.5	9.4	5.6	4.3	10.4
45.460	80.5	3	1:12 PM	99.5	8265	26.58	19.26	14.04	8.64	6.04	3.35	2.31	1.56	14	77.5	1.02	51.5	8,759	14.5	2.5	9.5	5.6	4.3	10.5
45.460	80.5	4	1:12 PM	99.5	8756	27.5	20.07	14.65	9.06	6.34	3.54	2.54	2.02	15	77.5	1.02	50.5	8,872	14.7	2.6	9.6	5.7	4.3	10.7
45.551	80	1	1:13 PM	100.3	6551	17.19	12.33	8.72	5.37	3.79	2.19	1.55	1.17	8.8	78.0	1.02	43.3	10,899	18.9	2.6	10.2	5.9	4.5	12.5
45.551	80	2	1:13 PM	100.3	6463	16.37	11.61	8.29	5.19	3.7	2.15	1.53	1.17	8.4	78.0	1.02	42.1	11,130	19.4	2.7	10.4	6.0	4.6	12.8
45.551	80	3	1:13 PM	100.3	8241	21.31	15.2	10.8	6.73	4.83	2.86	2.05	1.6	11	78.0	1.02	42.8	10,884	18.8	2.7	10.4	5.9	4.5	12.6
45.551	80	4	1:13 PM	100.3	8756	22.51	16.02	11.41	7.15	5.14	3.07	2.19	1.71	12	78.0	1.02	42.6	10,901	18.9	2.7	10.4	6.0	4.5	12.7
45.649	82.8	1	1:17 PM	100.5	6573	18.12	12.83	9.02	5.2	3.44	2.22	1.35	1.25	9.2	78.3	1.01	45.0	11,285	19.7	2.4	9.7	5.9	4.5	12.0
45.649	82.8	2	1:17 PM	100.5	6342	17.51	12.24	8.6	5.04	3.41	2.01	1.55	1.22	8.5	78.3	1.01	45.1	11,112	19.3	2.4	9.7	5.9	4.5	12.0
45.649	82.8	3	1:17 PM	100.5	8307	22.28	16.01	11.34	6.71	4.62	2.77	2.07	1.69	11	78.3	1.01	44.0	11,044	19.2	2.5	10.0	5.9	4.5	12.3
45.649	82.8	4	1:17 PM	100.5	8800	23.3	16.74	11.91	7.11	4.88	2.86	2.22	1.78	12	78.3	1.01	43.6	11,125	19.4	2.5	10.1	5.9	4.5	12.4
45.747	83.3	1	1:18 PM	103.1	6342	28.89	20.72	14.12	8.74	6.18	3.65	2.51	1.98	15	80.0	1.00	68.7	6,389	9.9	2.2	8.1	5.1	4.0	7.9
45.747	83.3	2	1:18 PM	103.1	6266	27.22	19.61	13.63	8.72	6.32	3.79	2.43	2	15	80.0	1.00	65.9	6,387	9.9	2.4	8.5	5.2	4.1	8.2
45.747	83.3	3	1:18 PM	103.1	8208	35.34	25.6	18.09	11.6	8.36	4.95	3.48	2.7	20	80.0	1.00	65.3	6,373	9.9	2.4	8.6	5.2	4.1	8.3
45.747	83.3	4	1:18 PM	103.1	8811	37.47	27.29	19.32	12.45	9	5.33	3.67	2.87	21	80.0	1.00	64.6	6,394	9.9	2.5	8.6	5.2	4.1	8.4

45.838	83.3	1	1:19 PM	102.4	6320	23.91	17.93	12.98	8.04	5.52	3.04	2.01	1.51	13	79.6	1.00	58.4	7,360	11.7	2.5	9.0	5.4	4.2	9.2
45.838	83.3	2	1:19 PM	102.4	6167	22.61	16.93	12.36	7.82	5.43	3.03	2.01	1.5	12	79.6	1.00	56.9	7,417	11.8	2.6	9.2	5.4	4.2	9.5
45.838	83.3	3	1:19 PM	102.4	8098	30.92	23.22	17.05	10.86	7.54	4.19	2.77	2.09	17	79.6	1.00	58.9	7,057	11.1	2.6	9.1	5.3	4.2	9.2
45.838	83.3	4	1:19 PM	102.4	8691	33.1	24.95	18.31	11.59	8.09	4.54	2.97	2.24	18	79.6	1.00	58.8	7,064	11.1	2.6	9.1	5.3	4.2	9.2
45.930	82.9	1	1:20 PM	100.4	6573	13.53	9.92	7.01	4.39	3.1	1.83	1.32	0.96	7.1	78.3	1.02	35.5	13,586	24.8	2.8	11.2	6.3	4.7	15.2
45.930	82.9	2	1:20 PM	100.4	6606	13.16	9.75	6.91	4.38	3.13	1.88	1.34	0.99	7	78.3	1.02	34.6	13,730	25.1	2.9	11.4	6.3	4.8	15.6
45.930	82.9	3	1:20 PM	100.4	8405	16.72	12.34	8.91	5.74	4.17	2.57	1.89	1.59	9	78.3	1.02	34.5	13,360	24.3	2.9	11.6	6.3	4.8	15.6
45.930	82.9	4	1:20 PM	100.4	8910	17.44	12.81	9.27	6.01	4.37	2.71	1.99	1.56	9.4	78.3	1.02	34.1	13,539	24.7	3.0	11.7	6.3	4.8	15.8
46.025	82.1	1	1:21 PM	100.7	6704	14.35	10.01	7.13	4.39	3.12	1.91	1.38	1.08	7.3	78.5	1.01	36.6	13,471	24.5	2.7	10.9	6.2	4.7	14.8
46.025	82.1	2	1:21 PM	100.7	6551	13.96	9.62	6.85	4.25	3.04	1.9	1.39	1.07	6.8	78.5	1.01	36.4	13,518	24.6	2.7	11.0	6.2	4.7	14.8
46.025	82.1	3	1:21 PM	100.7	8405	18.13	12.8	9.21	5.78	4.17	2.6	1.93	1.48	9.3	78.5	1.01	36.8	12,936	23.3	2.8	11.1	6.2	4.7	14.7
46.025	82.1	4	1:21 PM	100.7	8778	19.05	13.36	9.65	6.11	4.4	2.74	2.02	1.57	9.7	78.5	1.01	37.0	12,826	23.1	2.8	11.1	6.2	4.7	14.6
46.120	82.3	1	1:22 PM	101.5	6737	14.78	10.66	7.65	4.72	3.21	1.79	1.31	1.02	7.7	79.0	1.01	37.1	13,151	23.8	2.7	10.9	6.2	4.7	14.5
46.120	82.3	2	1:22 PM	101.5	6573	14.03	10.2	7.36	4.68	3.11	1.8	1.34	1.11	7.4	79.0	1.01	36.3	13,357	24.2	2.8	11.1	6.2	4.7	14.9
46.120	82.3	3	1:22 PM	101.5	8405	18.66	13.37	9.54	6	4.08	2.48	1.83	1.46	9.5	79.0	1.01	37.5	12,945	23.3	2.7	10.9	6.2	4.7	14.4
46.120	82.3	4	1:22 PM	101.5	8756	19.49	14	9.98	6.35	4.31	2.61	1.93	1.55	10	79.0	1.01	37.5	12,827	23.1	2.7	10.9	6.2	4.7	14.4
46.222	82.4	1	1:23 PM	101.3	6814	9.07	6.97	5.52	3.69	2.78	1.65	1.16	0.91	5.4	78.9	1.01	25.4	17,461	33.8	3.4	13.8	6.7	5.1	21.3
46.222	82.4	2	1:23 PM	101.3	6737	8.88	6.82	5.43	3.58	2.74	1.65	1.15	0.93	5.4	78.9	1.01	25.2	17,552	34.0	3.4	13.9	6.7	5.1	21.4
46.222	82.4	3	1:23 PM	101.3	8559	11.51	8.91	7.02	4.74	3.66	2.1	1.53	1.19	7.2	78.9	1.01	25.6	16,842	32.3	3.5	14.0	6.7	5.1	21.1
46.222	82.4	4	1:23 PM	101.3	8877	11.96	9.2	7.33	4.94	3.86	2.23	1.64	1.24	7.4	78.9	1.01	25.6	16,633	31.8	3.5	14.1	6.7	5.1	21.1
46.307	82.6	1	1:24 PM	100.4	6814	11.07	8.28	6.3	4.33	3.08	1.83	1.3	1.02	6.3	78.4	1.02	29.5	15,267	28.6	3.2	12.7	6.5	4.9	18.3
46.307	82.6	2	1:24 PM	100.4	6748	10.8	8.09	6.18	4.15	3.09	1.84	1.31	1.03	6.2	78.4	1.02	29.2	15,216	28.5	3.2	12.9	6.5	4.9	18.5
46.307	82.6	3	1:24 PM	100.4	8526	14.24	10.57	8.12	5.56	4.06	2.45	1.77	1.4	8.1	78.4	1.01	30.2	14,614	27.1	3.2	12.7	6.5	4.9	17.9
46.307	82.6	4	1:24 PM	100.4	8800	14.68	10.96	8.43	5.78	4.24	2.55	1.87	1.45	8.5	78.4	1.01	30.1	14,507	26.9	3.2	12.8	6.5	4.9	17.9
46.404	83.7	1	1:25 PM	100.7	6650	12.15	9.51	7.52	5.18	3.76	1.81	0.98	0.64	7.7	78.6	1.01	32.3	12,635	22.6	3.3	12.8	6.3	4.8	16.7
46.404	83.7	2	1:25 PM	100.7	6540	11.75	9.24	7.33	5.07	3.69	1.79	0.97	0.58	7.5	78.6	1.01	31.8	12,718	22.8	3.4	12.9	6.3	4.8	17.0
46.404	83.7	3	1:25 PM	100.7	8471	15.73	12.03	9.49	6.52	4.78	2.35	1.31	0.85	9.8	78.6	1.01	32.7	12,591	22.5	3.3	12.7	6.3	4.8	16.5
46.404	83.7	4	1:25 PM	100.7	8844	16.55	12.6	9.9	6.82	4.97	2.41	1.37	1.11	10	78.6	1.01	32.9	12,596	22.5	3.3	12.6	6.3	4.8	16.4
46.501	84.9	1	1:26 PM	101.1	6244	32.15	24.75	19.48	12.82	8.97	4.58	3.16	2.12	20	78.9	1.01	77.2	4,808	7.1	2.5	8.1	4.8	3.9	7.0
46.501	84.9	2	1:26 PM	101.1	6178	31.55	24.44	19.31	12.68	9	4.67	3.14	2.17	19	78.9	1.01	76.6	4,778	7.0	2.6	8.1	4.8	3.9	7.0
46.501	84.9	3	1:26 PM	101.1	8043	42.02	32.48	25.7	17.36	11.98	6.15	4	3.17	26	78.9	1.01	78.2	4,672	6.8	2.5	8.0	4.8	3.9	6.9
46.501	84.9	4	1:26 PM	101.1	8669	45.42	34.91	27.68	18.73	12.87	6.65	4.35	3.39	29	78.9	1.01	78.4	4,677	6.8	2.5	8.0	4.8	3.9	6.9
46.594	84.5	1	1:27 PM	100.6	6507	18.72	12.95	9.04	5.27	3.55	2.21	1.7	1.42	8.9	78.6	1.01	46.6	10,821	18.7	2.4	9.5	5.9	4.5	11.6
46.594	84.5	2	1:27 PM	100.6	6408	18.12	12.58	8.83	5.21	3.51	2.24	1.73	1.46	8.6	78.6	1.01	45.9	10,882	18.8	2.4	9.7	5.9	4.5	11.8
46.594	84.5	3	1:27 PM	100.6	8153	24.01	16.66	11.73	6.96	4.7	2.96	2.29	1.93	12	78.6	1.01	47.5	10,388	17.8	2.4	9.5	5.8	4.4	11.4
46.594	84.5	4	1:27 PM	100.6	8559	25.58	17.68	12.45	7.33	4.93	3.11	2.39	2.02	12	78.6	1.01	48.1	10,324	17.7	2.4	9.4	5.8	4.4	11.2
46.686	82.6	1	1:28 PM	100.6	6079	32.79	24.61	18.22	10.6	6.52	2.29	1.33	1.17	18	78.6	1.01	80.9	5,622	8.5	1.9	7.3	4.9	3.9	6.7
46.686	82.6	2	1:28 PM	100.6	6112	32.9	24.6	18.28	10.69	6.57	2.4	1.31	1.24	18	78.6	1.01	80.8	5,620	8.5	1.9	7.3	4.9	3.9	6.7
46.686	82.6	3	1:28 PM	100.6	8054	44.36	33.33	24.8	14.44	8.81	3.1	1.93	1.75	25	78.6	1.01	82.5	5,509	8.3	1.9	7.2	4.9	3.9	6.5
46.686	82.6	4	1:28 PM	100.6	8691	48.35	36.17	26.83	15.61	9.5	3.35	2.11	1.91	27	78.6	1.01	83.2	5,487	8.3	1.9	7.1	4.9	3.9	6.5
46.783	81.4	1	1:29 PM	101.4	6211	33.68	25.85	18.73	11.48	7.36	3.15	2.44	1.79	19	79.2	1.01	80.9	5,301	7.9	2.1	7.4	4.9	3.9	6.7
46.783	81.4	2	1:29 PM	101.4	6134	32.66	24.86	18.39	11.23	6.97	3.12	2.18	1.99	19	79.2	1.01	79.5	5,473	8.2	2.1	7.5	4.9	3.9	6.8
46.783	81.4	3	1:29 PM	101.4	7944	44.29	33.34	24.78	15.06	9.54	4.26	3.01	2.67	25	79.2	1.01	82.9	5,200	7.7	2.0	7.3	4.8	3.9	6.5
46.783	81.4	4	1:29 PM	101.4	8647	48.65	36.32	26.84	16.39	10.33	4.65	3.35	2.77	27	79.2	1.01	83.6	5,194	7.7	2.0	7.2	4.8	3.9	6.5

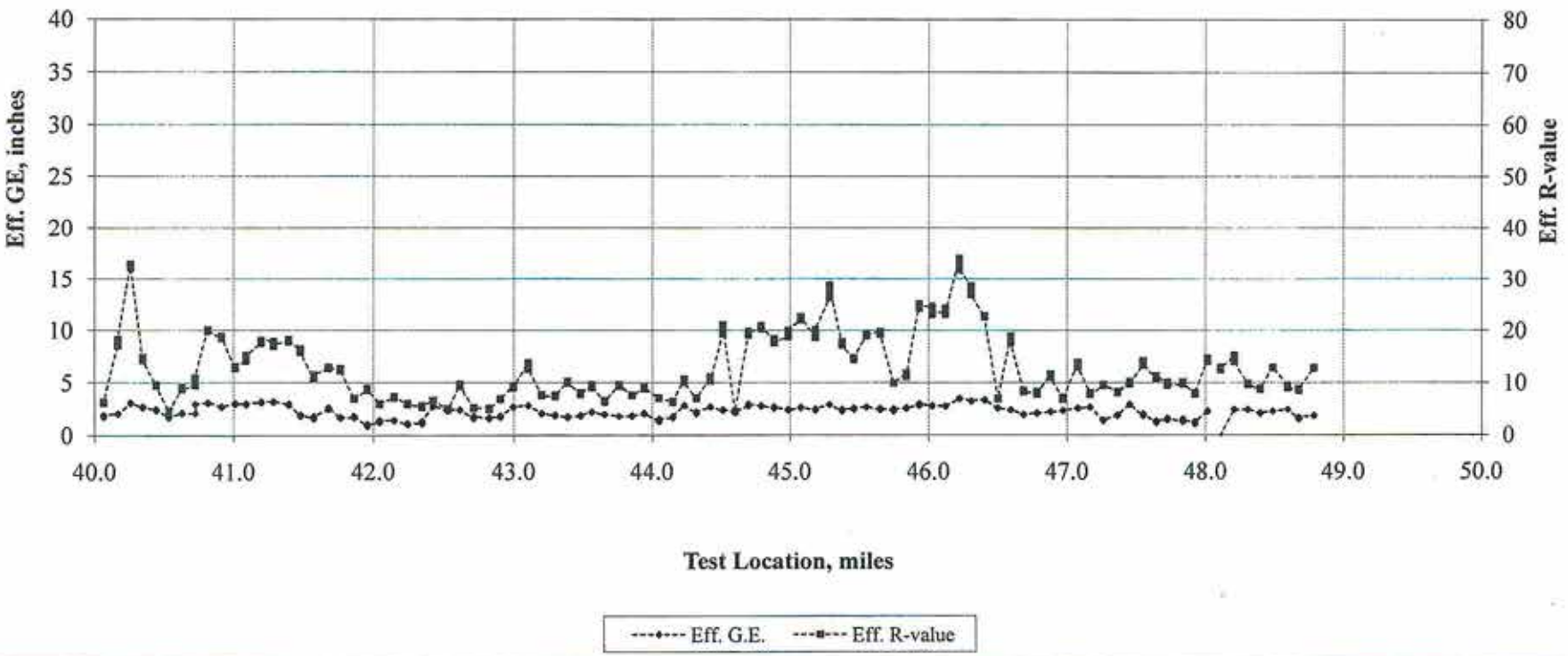
46.880	80.7	1	1:30 PM	102.1	6244	26.16	19.72	14.13	8.16	5.16	2.3	1.6	1.5	14	79.6	1.00	64.0	7,270	11.5	2.2	8.3	5.3	4.1	8.4
46.880	80.7	2	1:30 PM	102.1	6266	25.85	19.26	13.79	8.13	5.18	2.63	1.91	1.5	14	79.6	1.00	63.1	7,319	11.6	2.2	8.4	5.3	4.1	8.6
46.880	80.7	3	1:30 PM	102.1	7977	34.7	25.63	18.31	10.77	6.86	3.48	2.56	2.03	18	79.6	1.00	66.1	6,994	11.0	2.2	8.1	5.3	4.1	8.2
46.880	80.7	4	1:30 PM	102.1	8669	37.65	27.8	19.87	11.7	7.46	3.74	2.73	2.22	20	79.6	1.00	66.0	6,996	11.0	2.2	8.2	5.3	4.1	8.2
46.969	80.8	1	1:31 PM	104.1	6200	34.86	25.61	19.18	12.43	8.53	4.36	2.67	1.96	19	81.0	0.99	82.7	4,782	7.0	2.3	7.5	4.8	3.8	6.5
46.969	80.8	2	1:31 PM	104.1	6090	33.63	24.95	18.69	12.26	8.27	4.59	2.56	1.78	19	81.0	1.00	81.4	4,854	7.1	2.3	7.6	4.8	3.9	6.6
46.969	80.8	3	1:31 PM	104.1	7802	43.94	33.06	24.79	16.37	11	6.17	3.23	2.23	25	81.0	1.00	82.9	4,708	6.9	2.3	7.6	4.7	3.8	6.5
46.969	80.8	4	1:31 PM	104.1	8559	48.33	36.27	27.54	18.14	12.43	6.5	3.94	3.02	27	81.0	1.00	83.1	4,618	6.7	2.3	7.6	4.7	3.8	6.5
47.077	81.2	1	1:32 PM	103.7	7165	24.82	18.07	13.18	8.09	5.41	2.74	1.82	1.36	13	80.7	0.99	53.7	8,312	13.6	2.5	9.3	5.6	4.3	10.1
47.077	81.2	2	1:32 PM	103.7	7154	23.96	17.58	12.87	8.02	5.38	2.72	1.79	1.45	13	80.7	0.99	52.1	8,450	13.8	2.6	9.5	5.6	4.3	10.4
47.077	81.2	3	1:32 PM	103.7	8998	31.92	23.54	17.09	10.55	7.09	3.64	2.46	1.86	18	80.7	0.99	54.8	8,028	13.0	2.5	9.3	5.5	4.3	9.9
47.077	81.2	4	1:32 PM	103.7	9009	32.03	23.57	17.09	10.59	7.12	3.69	2.44	1.85	17	80.7	0.99	54.9	8,006	13.0	2.5	9.3	5.5	4.3	9.8
47.164	81.9	1	1:33 PM	104.6	6277	29.38	21.84	16.7	11.14	8.06	4.42	2.94	2.19	18	81.3	0.99	69.9	5,347	8.0	2.6	8.6	5.0	4.0	7.7
47.164	81.9	2	1:33 PM	104.6	6233	28.84	21.57	16.58	11.11	8.11	4.5	2.99	2.19	18	81.3	0.99	69.2	5,323	8.0	2.7	8.7	5.0	4.0	7.8
47.164	81.9	3	1:33 PM	104.6	8043	38.12	28.6	21.98	14.82	10.79	5.98	3.97	2.88	23	81.3	0.99	70.7	5,175	7.7	2.7	8.6	4.9	4.0	7.6
47.164	81.9	4	1:33 PM	104.6	8691	41.31	31.02	23.82	16.06	11.69	6.45	4.28	3.07	25	81.3	0.99	70.9	5,160	7.7	2.7	8.6	4.9	4.0	7.6
47.261	82.7	1	1:34 PM	103.1	6189	37.6	25.56	17.8	9.27	5.03	2.74	1.96	0.94	17	80.4	1.00	89.0	6,146	9.4	1.4	6.4	4.9	3.9	6.1
47.261	82.7	2	1:34 PM	103.1	6079	35.6	24.11	16.89	9.04	4.97	2.75	1.87	1.23	17	80.4	1.00	86.1	6,241	9.6	1.4	6.6	5.0	3.9	6.3
47.261	82.7	3	1:34 PM	103.1	8065	47.29	32.2	22.61	12.14	6.59	3.63	2.56	2	22	80.4	1.00	86.1	6,239	9.6	1.4	6.5	5.0	3.9	6.3
47.261	82.7	4	1:34 PM	103.1	8745	51.2	35.09	24.71	13.33	7.19	3.87	2.83	2.4	24	80.4	1.00	86.0	6,224	9.6	1.5	6.6	5.0	3.9	6.3
47.363	81.1	1	1:35 PM	101.9	6200	35.83	25.25	16.74	10.13	6.72	3.39	2.36	1.94	18	79.6	1.00	85.5	5,419	8.1	1.8	7.0	4.8	3.9	6.3
47.363	81.1	2	1:35 PM	101.9	6145	34.6	24.4	16.49	10.16	6.69	3.62	2.31	1.85	17	79.6	1.00	83.4	5,470	8.2	1.9	7.1	4.9	3.9	6.5
47.363	81.1	3	1:35 PM	101.9	7977	45.3	32.01	21.91	13.5	8.81	5.06	3.03	1.67	23	79.6	1.00	84.1	5,407	8.1	1.9	7.1	4.9	3.9	6.4
47.363	81.1	4	1:35 PM	101.9	8647	49.13	34.81	23.93	14.74	9.66	5.37	3.38	2.77	25	79.6	1.00	84.1	5,371	8.0	1.9	7.1	4.9	3.9	6.4
47.451	83.1	1	1:36 PM	103.7	6474	24.25	18.83	14.61	9.67	6.91	3.65	2.33	1.76	15	80.8	0.99	57.5	6,519	10.1	2.9	9.6	5.3	4.2	9.4
47.451	83.1	2	1:36 PM	103.7	6298	23.21	18.05	14.04	9.41	6.73	3.6	2.24	1.53	14	80.8	0.99	56.7	6,550	10.2	2.9	9.8	5.3	4.2	9.5
47.451	83.1	3	1:36 PM	103.7	8219	31.26	24.34	18.96	12.81	9.17	4.95	3.09	2.13	19	80.8	1.00	58.3	6,296	9.7	2.9	9.6	5.3	4.1	9.3
47.451	83.1	4	1:36 PM	103.7	8778	33.35	25.93	20.22	13.67	9.83	5.31	3.34	2.34	21	80.8	1.00	58.2	6,283	9.7	2.9	9.7	5.3	4.1	9.3
47.547	84	1	1:37 PM	101.9	6233	26.65	17.75	11.94	6.53	4.04	1.95	1.35	1.09	12	79.7	1.00	65.1	8,196	13.3	1.8	7.7	5.4	4.2	8.3
47.547	84	2	1:37 PM	101.9	6145	24.31	16.32	11.1	6.27	3.93	1.99	1.35	1.06	12	79.7	1.00	60.8	8,568	14.1	2.0	8.1	5.5	4.2	8.9
47.547	84	3	1:37 PM	101.9	8109	32.35	21.85	14.94	8.49	5.37	2.71	1.85	1.43	16	79.7	1.00	61.2	8,380	13.7	2.0	8.1	5.5	4.2	8.8
47.547	84	4	1:37 PM	101.9	8658	34.41	23.16	15.91	9.13	5.83	2.94	1.99	1.54	17	79.7	1.00	61.0	8,321	13.6	2.0	8.2	5.5	4.2	8.8
47.643	82.3	1	1:38 PM	103.1	6167	36.78	23.33	13.82	6.84	4.15	2.12	1.52	1.14	15	80.5	1.00	87.4	6,811	10.7	1.2	6.2	5.0	3.9	6.2
47.643	82.3	2	1:38 PM	103.1	6123	34.06	22.2	13.56	6.97	4.28	2.2	1.55	1.12	15	80.5	1.00	82.0	6,925	10.9	1.4	6.6	5.1	4.0	6.6
47.643	82.3	3	1:38 PM	103.1	8109	44.56	28.98	17.79	9.02	5.41	2.69	1.96	1.57	19	80.5	1.00	81.1	7,131	11.3	1.3	6.6	5.1	4.0	6.7
47.643	82.3	4	1:38 PM	103.1	8658	47.32	31.01	19.07	9.74	5.84	2.94	2.11	1.64	21	80.5	1.00	80.7	7,111	11.2	1.4	6.6	5.1	4.0	6.7
47.723	81.2	1	1:39 PM	104.6	6540	38.54	24.35	14.09	7.86	5.14	2.54	1.69	1.42	15	81.5	0.99	85.8	6,346	9.8	1.4	6.5	5.0	3.9	6.3
47.723	81.2	2	1:39 PM	104.6	6375	35.33	22.98	13.69	7.76	5.11	2.52	1.67	1.23	14	81.5	0.99	81.1	6,477	10.0	1.6	6.9	5.0	4.0	6.7
47.723	81.2	3	1:39 PM	104.6	8010	45.48	29.7	17.96	10.25	6.63	3.27	2.12	1.48	18	81.5	0.99	82.9	6,297	9.7	1.6	6.8	5.0	3.9	6.5
47.723	81.2	4	1:39 PM	104.6	8559	49.35	32.34	19.66	11.27	7.27	3.6	2.32	1.59	19	81.5	0.99	84.1	6,168	9.5	1.6	6.7	5.0	3.9	6.4
47.835	83.9	1	1:40 PM	103.6	6112	37.89	22.64	14.17	7.64	4.66	2.36	1.73	1.33	16	80.9	0.99	90.3	6,281	9.7	1.2	6.2	4.9	3.9	6.0
47.835	83.9	2	1:40 PM	103.6	6046	34.72	21.44	13.76	7.54	4.81	2.44	1.78	1.26	15	80.9	0.99	84.2	6,389	9.9	1.5	6.6	5.0	3.9	6.4
47.835	83.9	3	1:40 PM	103.6	7988	45.07	28.11	18.06	9.98	6.33	3.18	2.33	1.64	20	80.9	0.99	82.8	6,458	10.0	1.5	6.7	5.0	3.9	6.5
47.835	83.9	4	1:40 PM	103.6	8658	48.41	30.39	19.63	10.97	6.81	3.42	2.47	1.84	21	80.9	0.99	82.2	6,511	10.1	1.5	6.7	5.0	3.9	6.6

47.923	86.4	1	1:41 PM	103.6	5991	45.06	29.24	19.91	9.61	5.51	2.72	2.11	1.65	20	80.9	0.99	108.1	5,192	7.7	1.0	5.6	4.7	3.7	5.0
47.923	86.4	2	1:41 PM	103.6	6057	42.3	27.91	19.31	9.57	5.63	2.81	2.16	1.69	19	80.9	0.99	100.9	5,360	8.0	1.2	5.9	4.7	3.8	5.4
47.923	86.4	3	1:41 PM	103.6	7955	55.85	37.26	25.75	12.64	7.54	3.79	2.85	2.06	25	80.9	0.99	101.4	5,294	7.9	1.2	5.9	4.7	3.8	5.3
47.923	86.4	4	1:41 PM	103.6	8603	60.38	40.39	28.08	13.75	8.25	4.12	3.09	2.27	27	80.9	0.99	101.4	5,264	7.9	1.2	5.9	4.7	3.8	5.3
48.015	86	1	1:42 PM	103.4	6353	23.18	16.59	11.62	6.71	4.23	2.05	1.4	1.15	12	80.8	0.99	56.1	8,712	14.4	2.2	8.7	5.6	4.3	9.6
48.015	86	2	1:42 PM	103.4	6298	22.26	15.83	11.17	6.5	4.19	2.06	1.44	1.14	12	80.8	0.99	54.5	8,844	14.6	2.3	8.9	5.6	4.3	9.9
48.015	86	3	1:42 PM	103.4	8120	30.09	21.11	14.7	8.44	5.53	2.66	1.71	1.52	15	80.8	0.99	56.8	8,545	14.0	2.2	8.7	5.5	4.3	9.5
48.015	86	4	1:42 PM	103.4	8734	32.47	22.76	15.83	8.98	5.92	2.87	1.92	1.63	16	80.8	0.99	57.0	8,555	14.0	2.2	8.7	5.5	4.3	9.5
48.109	84.3	1	1:43 PM	103.2	6156	51.31	34.26	19.07	5.06	1.83	1.8	2.07	1.4	18	80.7	0.99	119.1							4.5
48.109	84.3	2	1:43 PM	103.2	6112	46.64	31.41	18.06	5.79	2.49	1.99	1.89	1.65	17	80.7	0.99	109.6	7,720	12.4	0.0	4.7	5.0	3.9	4.9
48.109	84.3	3	1:43 PM	103.2	7944	60.31	40.32	23.14	7.54	3.04	2.38	2.36	1.96	23	80.7	0.99	109.1	8,005	13.0	-0.1	4.7	5.0	3.9	5.0
48.109	84.3	4	1:43 PM	103.2	8526	65.06	43.79	24.88	8.06	3.35	2.61	2.52	2.01	24	80.7	0.99	109.6	7,872	12.7	-0.1	4.7	5.0	3.9	4.9
48.207	83.4	1	1:44 PM	103.3	6485	21.59	14.96	10.71	6.54	4.31	2.17	1.44	1.13	12	80.8	0.99	51.8	9,089	15.1	2.4	9.3	5.7	4.3	10.4
48.207	83.4	2	1:44 PM	103.3	6397	20.92	14.51	10.35	6.36	4.25	2.2	1.46	1.15	12	80.8	0.99	51.0	9,163	15.3	2.4	9.4	5.7	4.4	10.6
48.207	83.4	3	1:44 PM	103.3	8098	28.34	19.74	13.85	8.51	5.69	2.9	1.95	1.13	16	80.8	0.99	54.1	8,619	14.2	2.4	9.1	5.6	4.3	10.0
48.207	83.4	4	1:44 PM	103.3	8647	30.54	21.24	15	9.18	6.16	3.15	2.1	1.56	17	80.8	0.99	54.5	8,518	14.0	2.4	9.1	5.6	4.3	9.9
48.306	85.3	1	1:45 PM	104.3	6156	27.52	20.19	14.72	9.2	6.25	3.16	2.19	1.82	15	81.5	0.99	66.9	6,288	9.7	2.4	8.4	5.2	4.1	8.1
48.306	85.3	2	1:45 PM	104.3	6178	26.73	19.6	14.42	9.15	6.3	3.25	2.24	1.83	15	81.5	0.99	65.0	6,356	9.8	2.5	8.6	5.2	4.1	8.3
48.306	85.3	3	1:45 PM	104.3	8219	36.2	26.58	19.54	12.38	8.48	4.39	2.94	2.49	20	81.5	0.99	66.0	6,267	9.7	2.4	8.5	5.2	4.1	8.2
48.306	85.3	4	1:45 PM	104.3	8833	39.11	28.76	21.17	13.41	9.19	4.79	3.11	2.43	22	81.5	0.99	66.4	6,223	9.6	2.4	8.5	5.1	4.1	8.1
48.395	84.9	1	1:46 PM	102.8	5980	31.78	22.92	16.48	9.72	6.28	3.2	2.2	1.7	16	80.5	1.00	78.7	5,727	8.7	2.0	7.4	5.0	3.9	6.9
48.395	84.9	2	1:46 PM	102.8	6024	30.81	22.38	16.22	9.63	6.26	3.25	2.21	1.72	16	80.5	1.00	76.0	5,859	8.9	2.1	7.6	5.0	4.0	7.1
48.395	84.9	3	1:46 PM	102.8	8021	41.47	30.2	22	13.06	8.6	4.47	3	2.37	22	80.5	1.00	76.8	5,729	8.7	2.1	7.6	5.0	3.9	7.0
48.395	84.9	4	1:46 PM	102.8	8724	45.36	33.06	24.11	14.17	9.33	4.85	3.27	2.56	24	80.5	1.00	77.2	5,723	8.7	2.1	7.6	5.0	3.9	7.0
48.487	83.4	1	1:47 PM	102.7	6298	24.22	17.47	12.59	7.34	4.73	2.36	1.8	1.55	12	80.5	1.00	58.9	7,966	12.9	2.3	8.7	5.4	4.2	9.2
48.487	83.4	2	1:47 PM	102.7	6178	23.85	16.86	12.18	7.16	4.64	2.35	1.8	1.53	12	80.5	1.00	59.1	7,951	12.9	2.3	8.6	5.4	4.2	9.1
48.487	83.4	3	1:47 PM	102.7	8142	31.35	22.6	16.27	9.44	6.09	3.09	2.38	2.04	16	80.5	1.00	59.0	7,979	12.9	2.3	8.6	5.4	4.2	9.2
48.487	83.4	4	1:47 PM	102.7	8756	33.81	24.45	17.43	10.12	6.54	3.32	2.56	2.15	18	80.5	1.00	59.1	7,975	12.9	2.2	8.6	5.4	4.2	9.1
48.596	83.1	1	1:48 PM	103.4	6298	28.26	20.86	15.47	9.65	6.58	3.46	2.31	1.7	16	80.9	0.99	67.4	6,174	9.5	2.4	8.4	5.1	4.0	8.0
48.596	83.1	2	1:48 PM	103.4	6233	27.67	20.41	15.23	9.58	6.54	3.48	2.31	1.73	16	80.9	0.99	66.7	6,184	9.5	2.4	8.5	5.1	4.0	8.1
48.596	83.1	3	1:48 PM	103.4	8032	36.83	27.37	20.51	12.9	8.85	4.71	3.13	2.36	21	80.9	0.99	68.7	5,929	9.0	2.4	8.4	5.1	4.0	7.9
48.596	83.1	4	1:48 PM	103.4	8669	39.92	29.61	22.15	13.82	9.67	5.14	3.37	2.52	23	80.9	0.99	69.0	5,874	8.9	2.4	8.4	5.1	4.0	7.8
48.676	84.1	1	1:49 PM	102.5	6057	38.02	26.13	17.84	9.53	5.75	2.83	2.09	1.59	18	80.4	1.00	91.7	5,590	8.4	1.5	6.4	4.8	3.8	5.9
48.676	84.1	2	1:49 PM	102.5	6035	35.48	24.41	16.94	9.22	5.65	2.83	2.07	1.58	18	80.4	1.00	86.4	5,811	8.8	1.6	6.7	4.9	3.9	6.3
48.676	84.1	3	1:49 PM	102.5	8010	46.74	32.39	22.57	12.38	7.58	3.81	2.8	2.17	23	80.4	1.00	85.8	5,800	8.8	1.6	6.8	4.9	3.9	6.3
48.676	84.1	4	1:49 PM	102.5	8614	50.07	34.72	24.3	13.35	8.19	4.12	3.03	2.35	25	80.4	1.00	85.5	5,796	8.8	1.7	6.8	4.9	3.9	6.3
48.786	85.4	1	1:50 PM	103.7	6156	27.72	19.36	13.12	7.08	4.13	1.96	1.48	1.19	14	81.2	0.99	67.3	7,852	12.7	1.8	7.6	5.3	4.1	8.0
48.786	85.4	2	1:50 PM	103.7	6079	26.7	18.6	12.64	6.89	4.09	1.96	1.44	1.18	13	81.2	0.99	65.8	7,936	12.8	1.8	7.8	5.4	4.1	8.2
48.786	85.4	3	1:50 PM	103.7	8065	36.04	25.08	16.88	9.1	5.37	2.52	1.91	1.54	18	81.2	0.99	66.8	7,912	12.8	1.8	7.6	5.3	4.1	8.1
48.786	85.4	4	1:50 PM	103.7	8789	39.52	27.52	18.48	9.95	5.84	2.76	2.07	1.68	19	81.2	0.99	67.2	7,897	12.7	1.8	7.6	5.3	4.1	8.0

BIA 27-80


Allowable Spring Axle Load, Tons
25
20
15
10
5
0
40.0
41.0
42.0
43.0
44.0
45.0
46.0
47.0
48.0
49.0
Test Location, miles
AASHTO
TONN

BIA 27-80


Eff. GE, inches
Eff. R-value
40
35
30
25
20
15
10
5
0
80
70
60
50
40
30
20
10
0
40.0
41.0
42.0
43.0
44.0
45.0
46.0
47.0
48.0
49.0
50.0
Test Location, miles
Eff. G.E.
Eff. R-value

County:	Name
Date Tested:	6/18/2008
Julian:	170
Highway	BIA 23
From:	Jct BIA 27 at Porcupine
To:	End BIA 23
Dir	EB
Prev Day Temp	75 °F
Bit. Thickness	4.3 inches
Daily ESALs	3.6
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	31,927
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.43

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	###
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.1
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.1
	27.52	19.74	14.47	9.32	6.64	3.74	2.61	2.06
		0.72	0.53	0.34	0.24	0.14	0.09	0.07

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

1.3

	Summary of Analysis Results							
	$_sBB_{50}$	Esg	Eff.	Eff SN	Axle Load for Design Defl. Tons			TONN
	mils	psi	R-val	inches	AASHTO			Tons
Avg. =	51.1	7,537	12.1	3.1	12.5			12.0
Median =	50.81	7,413	11.8	3.0	12.1			11.5
Std.Dev. =	10.64	1,404	2.8	0.5	1.9			2.7
85th % =	39.97	6,133	9.4	2.5	10.7			9.6

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
0.019	83.3	1	4:48 PM	95.9	6463	23.15	17.17	12.5	7.61	5.38	2.79	1.41	1.06	13	92.9	0.91	50.8	7,742	12.4	2.9	12.0	6.9	5.1	11.5
0.019	83.3	2	4:48 PM	95.9	6222	22.28	16.04	11.6	7.16	5.07	2.62	1.46	1.09	12	92.9	0.91	50.7	7,841	12.6	2.9	11.9	6.9	5.2	11.5
0.019	83.3	3	4:48 PM	95.9	8197	30.21	21.65	15.64	9.78	6.48	3.15	1.99	1.46	16	92.9	0.91	51.7	7,884	12.7	2.8	11.7	6.9	5.1	11.3
0.019	83.3	4	4:48 PM	95.9	8713	32.28	23.23	16.72	10.54	6.86	3.24	2.42	1.82	17	92.9	0.91	51.9	7,884	12.7	2.8	11.6	6.9	5.1	11.3
0.094	82.5	1	4:49 PM	101.9	6683	21.9	14.6	9.88	5.9	4.18	2.55	1.93	1.6	10	97.2	0.88	45.2	9,465	15.9	2.8	12.2	7.1	5.3	12.9
0.094	82.5	2	4:49 PM	101.9	6617	21.29	14.25	9.7	5.78	4.15	2.54	1.98	1.65	10	97.2	0.88	44.5	9,530	16.0	2.9	12.3	7.1	5.3	13.1
0.094	82.5	3	4:49 PM	101.9	8318	28.48	18.72	12.57	7.59	5.46	3.43	2.61	2.15	13	97.2	0.88	47.2	9,037	15.0	2.8	11.9	7.0	5.3	12.4
0.094	82.5	4	4:49 PM	101.9	8745	30.2	19.88	13.37	8.04	5.82	3.65	2.76	2.32	14	97.2	0.88	47.6	8,935	14.8	2.8	11.9	7.0	5.3	12.3
0.192	83	1	4:50 PM	102.8	6331	20.41	14.24	10.48	6.63	4.64	2.66	1.95	1.61	11	97.9	0.88	44.7	8,715	14.4	3.1	12.9	7.1	5.3	13.1
0.192	83	2	4:50 PM	102.8	6222	19.72	13.79	10.22	6.52	4.57	2.63	1.97	1.61	10	97.9	0.88	44.0	8,764	14.5	3.1	13.0	7.1	5.3	13.3
0.192	83	3	4:50 PM	102.8	8197	26.2	18.51	13.46	8.5	5.97	3.52	2.58	2.07	14	97.9	0.88	44.4	8,778	14.5	3.1	12.9	7.1	5.3	13.2
0.192	83	4	4:50 PM	102.8	8800	28.11	19.97	14.56	9.18	6.44	3.75	2.77	2.24	15	97.9	0.88	44.4	8,756	14.4	3.1	12.9	7.1	5.3	13.2
0.287	82.3	1	4:51 PM	100.6	6474	23.08	15.82	11.37	6.94	4.75	2.56	1.75	1.35	12	96.3	0.89	49.1	8,344	13.6	2.8	11.9	7.0	5.2	11.9
0.287	82.3	2	4:51 PM	100.6	6309	22.1	15.2	10.96	6.72	4.62	2.52	1.71	1.3	11	96.3	0.89	48.3	8,418	13.8	2.9	12.1	7.0	5.2	12.1
0.287	82.3	3	4:51 PM	100.6	8054	29.01	19.81	14.29	8.82	6.09	3.27	2.24	1.72	15	96.3	0.89	49.6	8,167	13.3	2.8	11.9	6.9	5.2	11.8
0.287	82.3	4	4:51 PM	100.6	8724	31.45	21.44	15.42	9.51	6.56	3.53	2.4	1.84	16	96.3	0.89	49.6	8,189	13.3	2.8	11.9	6.9	5.2	11.8
0.384	82.7	1	4:53 PM	101.6	6255	28.16	18.54	12.06	7.04	4.8	2.91	2.25	1.81	13	97.1	0.89	60.7	7,322	11.6	2.4	10.3	6.7	5.0	9.6
0.384	82.7	2	4:53 PM	101.6	6255	27.37	18.1	11.89	6.98	4.78	2.95	2.27	1.86	12	97.1	0.89	59.2	7,437	11.9	2.4	10.5	6.7	5.0	9.9
0.384	82.7	3	4:53 PM	101.6	7933	35.25	23.26	15.37	9.13	6.35	4.05	3.15	2.56	16	97.1	0.90	60.3	7,204	11.4	2.4	10.4	6.7	5.0	9.7
0.384	82.7	4	4:53 PM	101.6	8537	37.69	24.98	16.51	9.84	6.87	4.37	3.21	2.45	17	97.1	0.90	60.3	7,187	11.4	2.4	10.5	6.7	5.0	9.7
0.475	82.4	1	4:54 PM	101.0	6408	24.47	17.33	12.26	7.4	5.07	3.06	2.35	1.75	12	96.6	0.90	52.7	7,761	12.5	2.8	11.5	6.9	5.1	11.1
0.475	82.4	2	4:54 PM	101.0	6331	23.33	16.59	11.83	7.21	4.95	3.03	2.33	1.8	12	96.6	0.90	51.0	7,935	12.8	2.8	11.8	6.9	5.2	11.5
0.475	82.4	3	4:54 PM	101.0	8098	30.77	21.94	15.54	9.51	6.75	4.18	3.22	2.48	15	96.6	0.90	52.7	7,549	12.1	2.8	11.7	6.9	5.1	11.1
0.475	82.4	4	4:54 PM	101.0	8614	32.67	23.26	16.51	10.13	7.18	4.46	3.45	2.63	16	96.6	0.90	52.6	7,555	12.1	2.8	11.7	6.9	5.1	11.1

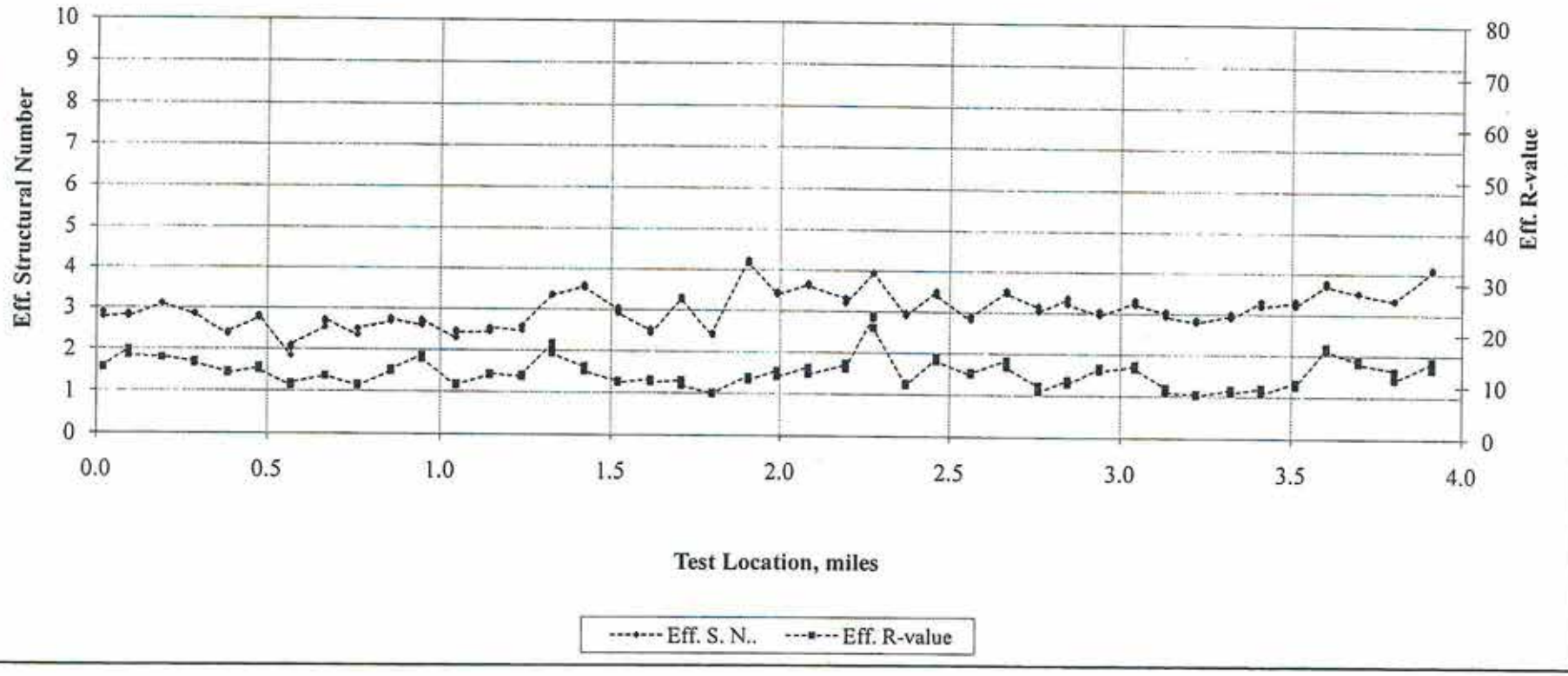
0.568	82.4	1	4:55 PM	103.3	6123	38.01	24.59	15.38	8.24	5.28	2.75	2.06	1.72	16	98.3	0.88	80.3	5,902	9.0	1.8	8.6	6.3	4.7	7.3
0.568	82.4	2	4:55 PM	103.3	6244	36.04	23.69	15.08	8.28	5.44	2.9	2.06	1.67	15	98.3	0.88	75.3	6,085	9.3	2.0	9.0	6.4	4.8	7.8
0.568	82.4	3	4:55 PM	103.3	8120	45.48	30.44	19.23	10.68	7.03	3.79	2.87	2.41	20	98.3	0.88	73.3	6,194	9.5	2.1	9.2	6.4	4.8	8.0
0.568	82.4	4	4:55 PM	103.3	8691	47.82	32.3	20.43	11.41	7.54	4.08	3.11	2.63	21	98.3	0.89	72.2	6,241	9.6	2.1	9.3	6.5	4.8	8.1
0.667	83.7	1	4:56 PM	101.5	6211	27.34	18.14	12.14	7.56	5.36	3.23	2.25	1.72	13	97.0	0.90	59.9	6,943	10.9	2.5	10.7	6.7	5.0	9.8
0.667	83.7	2	4:56 PM	101.5	6123	25.82	17.33	11.78	7.43	5.32	3.24	2.25	1.72	12	97.0	0.90	57.7	7,050	11.1	2.6	11.0	6.7	5.0	10.1
0.667	83.7	3	4:56 PM	101.5	7966	33.08	22.6	15.51	9.9	7.07	4.29	3	2.32	16	97.0	0.90	57.0	7,012	11.0	2.7	11.2	6.7	5.0	10.3
0.667	83.7	4	4:56 PM	101.5	8713	36.11	24.87	17.2	10.91	7.86	4.76	3.46	2.6	18	97.0	0.90	57.0	6,952	10.9	2.7	11.2	6.7	5.0	10.3
0.761	83.3	1	4:57 PM	102.2	6178	31.81	20.07	14.1	8.77	6.14	3.74	2.86	2.3	15	97.5	0.91	69.5	5,987	9.1	2.4	9.9	6.5	4.8	8.4
0.761	83.3	2	4:57 PM	102.2	6134	29.73	19.15	13.54	8.53	6.07	3.78	2.84	2.29	15	97.5	0.91	65.9	6,165	9.5	2.5	10.3	6.5	4.9	8.9
0.761	83.3	3	4:57 PM	102.2	7890	38.97	25.46	18.12	11.54	8.25	5.11	3.87	3.09	20	97.5	0.91	67.3	5,927	9.0	2.5	10.2	6.5	4.8	8.7
0.761	83.3	4	4:57 PM	102.2	8625	42.37	27.84	19.85	12.69	9.09	5.65	4.26	3.41	21	97.5	0.91	67.0	5,914	9.0	2.5	10.3	6.5	4.8	8.7
0.856	82.2	1	4:58 PM	101.1	6167	24.93	16.76	11.67	7.21	5.01	2.74	1.8	1.43	12	96.8	0.89	55.0	7,458	11.9	2.7	11.2	6.8	5.1	10.6
0.856	82.2	2	4:58 PM	101.1	6101	23.37	15.83	11.08	6.92	4.82	2.66	1.77	1.4	11	96.8	0.89	52.4	7,757	12.5	2.8	11.6	6.9	5.1	11.2
0.856	82.2	3	4:58 PM	101.1	8109	31.28	21.31	14.85	9.26	6.4	3.48	2.36	1.9	15	96.8	0.89	52.7	7,737	12.4	2.8	11.5	6.9	5.1	11.1
0.856	82.2	4	4:58 PM	101.1	8745	33.98	23.26	16.22	9.99	6.94	3.85	2.51	2.03	17	96.8	0.89	53.1	7,689	12.3	2.7	11.5	6.9	5.1	11.0
0.946	82.4	1	4:59 PM	101.8	6342	22.91	14.8	9.83	5.67	4	2.66	2.08	1.74	10	97.3	0.88	49.5	9,011	15.0	2.6	11.4	7.0	5.2	11.8
0.946	82.4	2	4:59 PM	101.8	6233	21.99	14.23	9.54	5.55	3.96	2.64	2.05	1.72	9.9	97.3	0.88	48.5	9,074	15.1	2.7	11.6	7.0	5.3	12.1
0.946	82.4	3	4:59 PM	101.8	8065	28.65	18.53	12.52	7.52	5.44	3.61	2.82	2.36	13	97.3	0.89	49.0	8,757	14.4	2.7	11.7	7.0	5.2	11.9
0.946	82.4	4	4:59 PM	101.8	8581	30.35	19.77	13.41	8.08	5.86	3.89	3.05	2.54	14	97.3	0.89	48.9	8,715	14.4	2.7	11.7	7.0	5.2	12.0
1.045	83.3	1	5:00 PM	101.5	6145	32.48	21.43	14.86	8.82	5.92	3.06	2.24	1.87	15	97.1	0.90	70.4	6,018	9.2	2.3	9.7	6.5	4.8	8.3
1.045	83.3	2	5:00 PM	101.5	6090	29.55	20.52	14.42	8.66	5.86	3.06	2.24	1.89	15	97.1	0.90	65.2	6,259	9.6	2.5	10.3	6.6	4.9	9.0
1.045	83.3	3	5:00 PM	101.5	7977	40	27.72	19.28	11.53	7.76	4.09	3.03	2.55	20	97.1	0.90	67.3	6,131	9.4	2.4	10.1	6.5	4.8	8.7
1.045	83.3	4	5:00 PM	101.5	8636	43.32	30.65	21.06	12.61	8.47	4.48	3.37	2.78	21	97.1	0.90	67.4	6,102	9.4	2.4	10.1	6.5	4.8	8.7
1.143	82.7	1	5:01 PM	101.7	6211	28.04	18.31	12.61	7.44	5.04	2.83	2.08	1.68	13	97.2	0.89	60.6	7,098	11.2	2.4	10.5	6.7	5.0	9.6
1.143	82.7	2	5:01 PM	101.7	6178	27.13	17.68	12.29	7.37	5.07	2.87	2.08	1.67	13	97.2	0.89	59.2	7,145	11.3	2.5	10.7	6.7	5.0	9.9
1.143	82.7	3	5:01 PM	101.7	8087	34.7	22.73	15.82	9.56	6.55	3.71	2.72	2.22	17	97.2	0.89	58.0	7,273	11.5	2.6	10.8	6.7	5.0	10.1
1.143	82.7	4	5:01 PM	101.7	8636	36.9	24.13	16.81	10.22	6.98	3.97	2.93	2.39	18	97.2	0.89	57.8	7,295	11.6	2.6	10.8	6.7	5.0	10.1
1.237	82	1	5:02 PM	101.1	6233	27.98	17.69	12.21	7.59	5.26	3.02	2.1	1.62	13	96.8	0.90	60.8	6,967	11.0	2.5	10.5	6.7	5.0	9.6
1.237	82	2	5:02 PM	101.1	6145	26.3	16.78	11.72	7.39	5.14	2.99	2.07	1.6	13	96.8	0.90	58.3	7,154	11.3	2.6	10.8	6.7	5.0	10.0
1.237	82	3	5:02 PM	101.1	8142	34.52	22.02	15.36	9.69	6.77	3.92	2.75	2.16	16	96.8	0.90	57.7	7,208	11.4	2.6	10.9	6.7	5.0	10.1
1.237	82	4	5:02 PM	101.1	8702	36.77	23.56	16.42	10.38	7.28	4.23	2.96	2.33	18	96.8	0.90	57.6	7,194	11.4	2.6	10.9	6.7	5.0	10.2
1.326	81.2	1	5:03 PM	101.7	6485	17	12.13	8.8	5.78	4.23	2.63	1.96	1.6	9.8	97.3	0.88	37.6	10,153	17.3	3.3	14.2	7.3	5.5	15.6
1.326	81.2	2	5:03 PM	101.7	6408	16.47	11.76	8.57	5.65	4.16	2.59	1.96	1.61	9.5	97.3	0.88	36.9	10,260	17.5	3.4	14.3	7.3	5.5	15.8
1.326	81.2	3	5:03 PM	101.7	8186	22.27	16.21	11.87	7.91	5.83	3.68	2.75	2.22	13	97.3	0.89	39.0	9,479	15.9	3.4	14.1	7.2	5.4	15.0
1.326	81.2	4	5:03 PM	101.7	8658	24.13	17.46	12.8	8.56	6.3	3.97	2.98	2.41	14	97.3	0.89	39.9	9,268	15.5	3.4	14.0	7.2	5.4	14.7
1.421	81	1	5:04 PM	102.0	6562	19.2	14.7	11.68	8.02	5.83	3.14	1.91	1.37	12	97.5	0.89	41.6	7,995	12.9	3.6	14.4	7.1	5.3	14.1
1.421	81	2	5:04 PM	102.0	6540	18.7	14.4	11.46	7.89	5.76	3.11	1.91	1.41	12	97.5	0.89	40.8	8,100	13.1	3.6	14.6	7.1	5.3	14.3
1.421	81	3	5:04 PM	102.0	8230	25.43	19.63	15.62	10.7	7.74	4.11	2.57	1.88	16	97.5	0.89	43.7	7,558	12.1	3.5	14.1	7.0	5.2	13.4
1.421	81	4	5:04 PM	102.0	8866	27.32	21.19	16.86	11.59	8.38	4.44	2.77	2.04	18	97.5	0.89	43.6	7,538	12.1	3.5	14.1	7.0	5.2	13.4
1.521	81.3	1	5:05 PM	103.1	6331	25.89	19.53	14.81	9.43	6.37	3.05	1.98	1.59	15	98.3	0.89	55.4	6,553	10.2	3.0	11.9	6.7	5.0	10.6
1.521	81.3	2	5:05 PM	103.1	6255	24.96	18.96	14.33	9.17	6.3	3.04	1.97	1.54	15	98.3	0.89	54.2	6,611	10.3	3.1	12.1	6.8	5.0	10.8
1.521	81.3	3	5:05 PM	103.1	8010	33.87	25.52	19.02	12.02	8.22	3.92	2.65	2.23	20	98.3	0.89	57.1	6,391	9.9	2.9	11.7	6.7	5.0	10.2
1.521	81.3	4	5:05 PM	103.1	8713	37.04	27.88	20.86	13.19	8.86	4.33	2.95	2.55	22	98.3	0.89	57.4	6,412	9.9	2.9	11.6	6.7	5.0	10.2

1.616	81.4	1	5:06 PM	101.2	6441	29.44	20.03	13.25	8.23	5.66	3.03	2.24	1.83	15	97.0	0.89	61.6	6,760	10.6	2.5	10.5	6.7	5.0	9.5
1.616	81.4	2	5:06 PM	101.2	6386	28.69	19.65	13.1	8.15	5.63	3.04	2.26	1.83	15	97.0	0.89	60.7	6,800	10.6	2.6	10.7	6.7	5.0	9.6
1.616	81.4	3	5:06 PM	101.2	7977	37.81	25.43	16.95	10.57	7.22	4.02	3.05	2.56	19	97.0	0.90	63.9	6,543	10.2	2.5	10.3	6.6	4.9	9.2
1.616	81.4	4	5:06 PM	101.2	8592	41.39	27.79	18.43	11.41	7.91	4.47	3.29	2.68	20	97.0	0.90	65.0	6,435	10.0	2.4	10.2	6.6	4.9	9.0
1.707	81.9	1	5:08 PM	101.7	6474	23.39	17.75	13.21	8.99	6.78	4.01	2.73	2.1	13	97.3	0.91	50.9	6,682	10.4	3.3	12.8	6.8	5.1	11.5
1.707	81.9	2	5:08 PM	101.7	6419	22.63	17.37	13	8.86	6.74	4.01	2.74	2.11	13	97.3	0.91	49.8	6,724	10.5	3.3	13.1	6.8	5.1	11.7
1.707	81.9	3	5:08 PM	101.7	8153	30.91	23.72	17.8	12.25	9.27	5.49	3.72	2.84	18	97.3	0.91	53.4	6,223	9.6	3.3	12.6	6.7	5.0	11.0
1.707	81.9	4	5:08 PM	101.7	8592	33.16	25.5	19.09	13.15	9.94	5.87	3.98	3.04	19	97.3	0.91	54.3	6,115	9.4	3.2	12.5	6.7	5.0	10.8
1.798	81.7	1	5:09 PM	102.1	6090	33.66	22.56	15.94	9.99	7.09	4.12	2.83	2.13	16	97.6	0.91	74.7	5,312	7.9	2.4	9.7	6.4	4.7	7.8
1.798	81.7	2	5:09 PM	102.1	6013	32.05	21.77	15.5	9.76	6.93	4.05	2.81	2.13	16	97.6	0.91	72.3	5,427	8.1	2.5	9.9	6.4	4.7	8.1
1.798	81.7	3	5:09 PM	102.1	7868	42.54	29.34	20.89	13.15	9.3	5.36	3.7	2.81	21	97.6	0.91	73.3	5,316	7.9	2.5	9.9	6.4	4.7	8.0
1.798	81.7	4	5:09 PM	102.1	8570	46.51	32.37	23.06	14.46	10.2	5.69	4.06	3.1	24	97.6	0.91	73.6	5,286	7.9	2.5	9.9	6.4	4.7	8.0
1.905	82.6	1	5:10 PM	104.8	6628	16.95	13.91	11.59	8.82	7.05	4.46	3.14	2.19	12	99.6	0.90	37.7	7,145	11.3	4.2	16.8	7.2	5.3	15.5
1.905	82.6	2	5:10 PM	104.8	6540	16.76	13.75	11.48	8.76	7.02	4.43	3.12	2.15	12	99.6	0.90	37.8	7,085	11.2	4.3	16.8	7.1	5.3	15.5
1.905	82.6	3	5:10 PM	104.8	8307	22.69	18.58	15.52	11.85	9.43	5.93	4.19	2.98	16	99.6	0.91	40.0	6,694	10.4	4.2	16.3	7.1	5.3	14.6
1.905	82.6	4	5:10 PM	104.8	8778	24.02	19.78	16.41	12.57	9.92	6.31	4.41	3.04	17	99.6	0.91	40.1	6,721	10.5	4.2	16.2	7.1	5.3	14.6
1.990	82.5	1	5:11 PM	104.0	6573	20.65	15.04	11.53	7.95	5.94	3.72	2.78	2.42	12	99.0	0.89	44.3	7,723	12.4	3.4	13.7	7.0	5.2	13.2
1.990	82.5	2	5:11 PM	104.0	6518	20.05	14.74	11.32	7.85	5.93	3.73	2.79	2.38	12	99.0	0.89	43.6	7,742	12.4	3.5	13.9	7.0	5.3	13.4
1.990	82.5	3	5:11 PM	104.0	8219	27.2	20.08	15.46	10.73	8.04	5.01	3.74	3.17	16	99.0	0.90	46.6	7,199	11.4	3.4	13.5	6.9	5.2	12.5
1.990	82.5	4	5:11 PM	104.0	8713	29.3	21.61	16.63	11.55	8.65	5.34	3.98	3.37	18	99.0	0.90	47.3	7,091	11.2	3.4	13.4	6.9	5.2	12.4
2.082	82.2	1	5:12 PM	104.9	6573	18.6	14.18	10.96	7.59	5.83	3.73	2.8	2.25	11	99.7	0.89	40.4	8,085	13.1	3.7	14.7	7.1	5.3	14.5
2.082	82.2	2	5:12 PM	104.9	6496	18.27	14.05	10.9	7.56	5.83	3.75	2.8	2.13	11	99.7	0.89	40.3	8,033	13.0	3.7	14.8	7.1	5.3	14.5
2.082	82.2	3	5:12 PM	104.9	8230	24.67	18.98	14.76	10.22	7.91	5.16	3.81	2.87	15	99.7	0.90	42.8	7,511	12.0	3.6	14.4	7.1	5.3	13.7
2.082	82.2	4	5:12 PM	104.9	8614	26.22	20.25	15.73	10.97	8.42	5.48	4.06	3.13	16	99.7	0.90	43.4	7,388	11.8	3.6	14.3	7.0	5.2	13.5
2.192	82.2	1	5:13 PM	101.4	6661	20.62	15.7	11.89	7.7	5.41	2.81	1.84	1.43	12	97.2	0.89	43.4	8,318	13.6	3.3	13.5	7.1	5.3	13.5
2.192	82.2	2	5:13 PM	101.4	6595	19.84	14.71	11.22	7.33	5.21	2.77	1.83	1.43	12	97.2	0.88	42.3	8,555	14.0	3.3	13.7	7.1	5.3	13.8
2.192	82.2	3	5:13 PM	101.4	8427	27.39	20.17	15.17	9.82	6.95	3.67	2.44	1.88	16	97.2	0.89	45.3	8,091	13.1	3.2	13.1	7.0	5.3	12.9
2.192	82.2	4	5:13 PM	101.4	8844	29.33	21.5	16.14	10.46	7.39	3.91	2.59	2.04	17	97.2	0.89	46.2	7,964	12.9	3.2	13.0	7.0	5.2	12.7
2.274	81.7	1	5:14 PM	103.1	6715	12.17	9.02	6.92	4.83	3.77	2.56	1.95	1.55	7	98.4	0.87	27.5	12,730	22.8	3.9	17.2	7.7	5.9	21.2
2.274	81.7	2	5:14 PM	103.1	6551	11.7	8.61	6.64	4.65	3.65	2.51	1.92	1.52	6.8	98.4	0.87	27.2	12,853	23.1	3.9	17.3	7.7	5.9	21.5
2.274	81.7	3	5:14 PM	103.1	8328	15.7	11.72	9.09	6.43	5.05	3.46	2.65	2.11	9.2	98.4	0.88	28.6	11,916	21.1	4.0	17.1	7.7	5.8	20.5
2.274	81.7	4	5:14 PM	103.1	8778	16.77	12.49	9.68	6.87	5.39	3.69	2.82	2.24	9.8	98.4	0.88	28.9	11,765	20.7	4.0	17.0	7.6	5.8	20.2
2.370	81.6	1	5:15 PM	102.8	6309	26.76	18.39	13.94	9.13	6.39	3.09	2.01	1.43	14	98.2	0.89	57.3	6,434	10.0	2.9	11.6	6.7	5.0	10.2
2.370	81.6	2	5:15 PM	102.8	6277	25.66	17.84	13.57	8.94	6.28	3.07	2	1.46	14	98.2	0.89	55.4	6,576	10.2	3.0	11.9	6.7	5.0	10.6
2.370	81.6	3	5:15 PM	102.8	8043	34.62	24.12	18.2	11.89	8.31	4.12	2.63	2	18	98.2	0.89	58.2	6,320	9.8	2.9	11.5	6.7	5.0	10.0
2.370	81.6	4	5:15 PM	102.8	8702	37.57	26.31	19.84	12.95	9.06	4.51	2.89	2.2	20	98.2	0.89	58.5	6,283	9.7	2.9	11.5	6.7	5.0	10.0
2.460	81.9	1	5:16 PM	104.3	6518	18.44	14.2	10.8	7.09	4.93	2.55	1.88	1.59	11	99.3	0.87	39.3	8,995	14.9	3.5	14.4	7.2	5.4	14.9
2.460	81.9	2	5:16 PM	104.3	6474	17.85	13.78	10.55	6.94	4.85	2.55	1.88	1.55	11	99.3	0.87	38.5	9,135	15.2	3.5	14.6	7.2	5.4	15.2
2.460	81.9	3	5:16 PM	104.3	8274	24.01	18.38	13.79	9.12	6.37	3.57	2.63	2.16	14	99.3	0.87	40.5	8,812	14.6	3.4	14.1	7.2	5.4	14.4
2.460	81.9	4	5:16 PM	104.3	8581	25.25	19.2	14.49	9.49	6.63	3.82	2.7	2.02	15	99.3	0.88	41.1	8,747	14.4	3.4	13.9	7.2	5.4	14.2
2.561	81.6	1	5:17 PM	103.4	6430	25.53	17.84	12.48	7.76	5.3	2.76	1.86	1.46	13	98.7	0.88	53.3	7,456	11.9	2.8	11.6	6.8	5.1	11.0
2.561	81.6	2	5:17 PM	103.4	6452	24.1	16.96	11.96	7.6	5.22	2.78	1.89	1.49	13	98.7	0.88	50.6	7,736	12.4	2.9	12.0	6.9	5.2	11.6
2.561	81.6	3	5:17 PM	103.4	8120	30.92	21.5	15.12	9.52	6.61	3.59	2.4	1.81	16	98.7	0.88	51.5	7,646	12.3	2.9	11.9	6.9	5.1	11.4
2.561	81.6	4	5:17 PM	103.4	8669	33.03	22.78	16.08	10.12	7.08	3.81	2.6	2.24	17	98.7	0.88	51.5	7,629	12.2	2.9	11.9	6.9	5.1	11.4

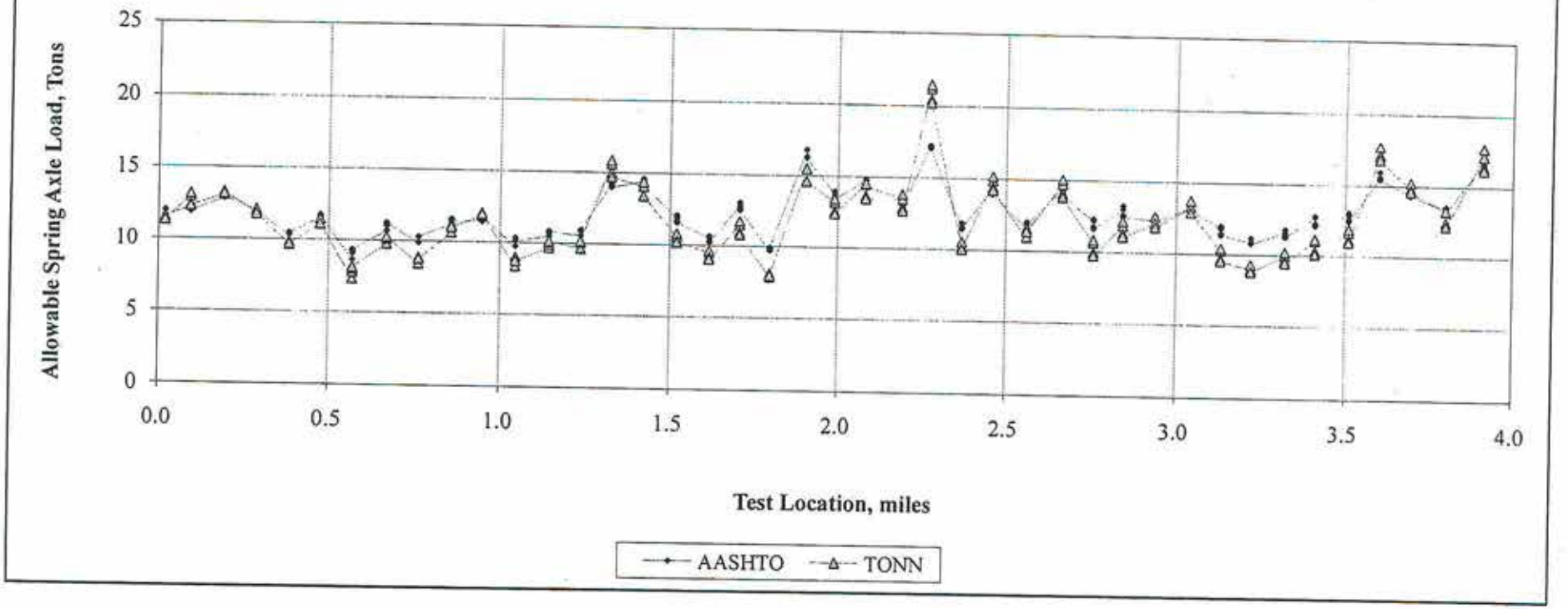
2.665	82.8	1	5:18 PM	103.3	6726	18.66	13.98	10.4	6.96	5.27	3.39	2.61	2.09	11	98.6	0.89	39.7	8,853	14.6	3.5	14.4	7.2	5.4	14.8
2.665	82.8	2	5:18 PM	103.3	6562	17.77	13.37	10.01	6.74	5.14	3.34	2.59	2.06	10	98.6	0.89	38.9	8,927	14.8	3.5	14.6	7.2	5.4	15.0
2.665	82.8	3	5:18 PM	103.3	8350	24.31	18.11	13.56	9.23	7.06	4.55	3.49	2.79	14	98.6	0.89	41.5	8,282	13.5	3.5	14.2	7.1	5.3	14.1
2.665	82.8	4	5:18 PM	103.3	8680	25.74	19.14	14.44	9.76	7.39	4.9	3.69	2.94	15	98.6	0.90	42.3	8,192	13.3	3.4	14.0	7.1	5.3	13.8
2.757	82.4	1	5:18 PM	101.7	6661	26.48	19.92	15.77	10.24	7.27	3.78	2.4	1.79	17	97.5	0.90	54.9	6,293	9.7	3.1	12.2	6.7	5.0	10.6
2.757	82.4	2	5:18 PM	101.7	6584	25.61	19.14	15.15	9.96	7.09	3.72	2.36	1.76	16	97.5	0.90	53.9	6,397	9.9	3.2	12.4	6.7	5.0	10.9
2.757	82.4	3	5:18 PM	101.7	8230	35	26.37	20.83	13.61	9.63	5.06	3.23	2.48	22	97.5	0.91	58.7	5,874	8.9	3.1	11.8	6.6	4.9	10.0
2.757	82.4	4	5:18 PM	101.7	8669	37.81	28.46	22.43	14.7	10.39	5.44	3.53	2.68	24	97.5	0.91	60.1	5,732	8.7	3.0	11.7	6.6	4.9	9.7
2.844	81.7	1	5:19 PM	104.0	6617	23.75	18.44	14.17	9.37	6.64	3.29	2.07	1.76	14	99.1	0.88	49.2	6,888	10.8	3.3	13.1	6.9	5.1	11.9
2.844	81.7	2	5:19 PM	104.0	6496	22.58	17.6	13.57	9	6.44	3.23	2.06	1.74	14	99.1	0.88	47.9	7,020	11.1	3.4	13.3	6.9	5.1	12.2
2.844	81.7	3	5:19 PM	104.0	8186	30.92	23.79	18.12	11.94	8.42	4.1	2.61	2.21	18	99.1	0.88	51.5	6,658	10.4	3.2	12.7	6.8	5.1	11.4
2.844	81.7	4	5:19 PM	104.0	8625	33.31	25.68	19.52	12.8	9.04	4.42	2.81	2.37	20	99.1	0.89	52.6	6,526	10.1	3.2	12.5	6.8	5.0	11.1
2.937	81.8	1	5:21 PM	104.4	6584	23.44	16.8	12.04	7.37	5.05	2.83	2.07	1.74	12	99.4	0.87	48.2	8,141	13.2	3.0	12.3	7.0	5.2	12.1
2.937	81.8	2	5:21 PM	104.4	6496	22.17	16.2	11.65	7.19	4.98	2.81	2.07	1.74	12	99.4	0.87	46.5	8,290	13.5	3.1	12.7	7.0	5.2	12.6
2.937	81.8	3	5:21 PM	104.4	8230	29.17	20.97	15.15	9.33	6.46	3.72	2.8	2.35	15	99.4	0.88	48.2	8,048	13.0	3.0	12.4	7.0	5.2	12.1
2.937	81.8	4	5:21 PM	104.4	8647	31.51	22.57	16.2	9.99	6.88	3.96	3.04	2.56	16	99.4	0.88	49.5	7,893	12.7	2.9	12.2	6.9	5.2	11.8
3.041	82.1	1	5:21 PM	105.7	6397	20.53	14.7	11.09	7.06	5.03	2.8	2.04	1.67	12	100.4	0.87	43.8	8,372	13.7	3.3	13.4	7.1	5.3	13.3
3.041	82.1	2	5:21 PM	105.7	6375	19.71	14.22	10.77	6.91	4.95	2.79	2.06	1.67	11	100.4	0.87	42.5	8,560	14.1	3.3	13.6	7.1	5.3	13.8
3.041	82.1	3	5:21 PM	105.7	8054	26.65	18.97	14.22	9.05	6.48	3.8	2.79	2.28	15	100.4	0.87	45.3	8,157	13.3	3.2	13.1	7.0	5.3	12.9
3.041	82.1	4	5:21 PM	105.7	8789	29.11	20.79	15.57	9.91	7.11	4.15	3.04	2.48	17	100.4	0.87	45.3	8,127	13.2	3.2	13.1	7.0	5.3	12.9
3.131	82.2	1	5:22 PM	106.8	6518	27.86	20.76	15.71	10.17	6.91	3.46	2.31	1.84	16	101.2	0.88	57.0	6,239	9.6	3.0	11.8	6.7	5.0	10.3
3.131	82.2	2	5:22 PM	106.8	6353	26.63	19.9	15.11	9.83	6.76	3.42	2.32	1.87	15	101.2	0.88	56.1	6,272	9.7	3.1	12.0	6.7	5.0	10.4
3.131	82.2	3	5:22 PM	106.8	8021	36.29	27.19	20.43	13.19	9.02	4.61	3.2	2.59	21	101.2	0.88	60.4	5,887	9.0	2.9	11.5	6.6	4.9	9.7
3.131	82.2	4	5:22 PM	106.8	8636	39.81	29.8	22.45	14.39	9.93	5.07	3.49	2.82	24	101.2	0.89	61.5	5,765	8.7	2.9	11.4	6.6	4.9	9.5
3.220	82.9	1	5:23 PM	105.6	6244	30.51	22.65	17.26	10.68	7.33	3.62	2.34	1.86	18	100.3	0.89	65.1	5,564	8.4	2.8	10.9	6.5	4.8	9.0
3.220	82.9	2	5:23 PM	105.6	6233	29.35	21.97	16.72	10.46	7.25	3.65	2.35	1.85	18	100.3	0.89	63.0	5,677	8.6	2.9	11.2	6.5	4.9	9.3
3.220	82.9	3	5:23 PM	105.6	7988	39.73	29.83	22.62	14.05	9.69	4.85	3.17	2.52	24	100.3	0.89	66.3	5,417	8.1	2.8	10.8	6.5	4.8	8.8
3.220	82.9	4	5:23 PM	105.6	8614	42.96	32.33	24.49	15.24	10.5	5.28	3.49	2.82	26	100.3	0.89	66.6	5,395	8.1	2.8	10.8	6.5	4.8	8.8
3.321	83.5	1	5:24 PM	107.2	6452	28.46	20.63	15.49	10.01	7	3.64	2.43	1.94	16	101.5	0.88	58.8	6,077	9.3	3.0	11.6	6.6	4.9	9.9
3.321	83.5	2	5:24 PM	107.2	6397	27.39	20	14.98	9.83	6.92	3.65	2.47	1.95	16	101.5	0.88	57.3	6,158	9.5	3.0	11.8	6.7	5.0	10.2
3.321	83.5	3	5:24 PM	107.2	8076	36.93	27.04	20.05	13.04	9.12	4.73	3.18	2.53	22	101.5	0.88	60.9	5,847	8.9	2.9	11.4	6.6	4.9	9.6
3.321	83.5	4	5:24 PM	107.2	8482	39.51	28.94	21.41	13.94	9.73	5.05	3.36	2.7	23	101.5	0.88	62.0	5,750	8.7	2.9	11.3	6.6	4.9	9.4
3.410	83.9	1	5:25 PM	105.0	6573	25.49	20.11	15.31	10.3	7.37	3.74	2.34	1.79	15	99.9	0.89	53.0	6,235	9.6	3.3	12.7	6.8	5.0	11.0
3.410	83.9	2	5:25 PM	105.0	6518	24.91	19.67	15	10.13	7.26	3.74	2.39	1.82	15	99.9	0.89	52.3	6,294	9.7	3.3	12.8	6.8	5.0	11.2
3.410	83.9	3	5:25 PM	105.0	8241	34.22	26.96	20.59	13.89	9.87	5.1	3.3	2.59	21	99.9	0.90	56.7	5,833	8.9	3.2	12.3	6.7	4.9	10.3
3.410	83.9	4	5:25 PM	105.0	8647	36.77	29.01	22.06	14.88	10.64	5.51	3.54	2.78	22	99.9	0.90	58.0	5,683	8.6	3.2	12.1	6.6	4.9	10.1
3.510	82.8	1	5:26 PM	102.4	6584	23.84	18.31	14.21	9.49	6.68	3.33	2.07	1.69	14	98.1	0.89	50.0	6,818	10.7	3.3	12.9	6.9	5.1	11.7
3.510	82.8	2	5:26 PM	102.4	6507	23.05	17.74	13.8	9.3	6.58	3.3	2.08	1.7	14	98.1	0.89	49.1	6,885	10.8	3.3	13.1	6.9	5.1	11.9
3.510	82.8	3	5:26 PM	102.4	8307	31.57	24.24	18.72	12.45	8.75	4.33	2.8	2.3	19	98.1	0.89	52.3	6,542	10.2	3.2	12.6	6.8	5.1	11.2
3.510	82.8	4	5:26 PM	102.4	8625	33.47	25.61	19.75	13.14	9.23	4.58	2.98	2.45	20	98.1	0.89	53.3	6,428	10.0	3.2	12.5	6.8	5.0	11.0
3.600	81.9	1	5:27 PM	100.6	6715	15.69	12.06	9.43	6.42	4.68	2.49	1.57	1.18	10	96.8	0.88	34.1	10,135	17.3	3.7	15.6	7.4	5.6	17.2
3.600	81.9	2	5:27 PM	100.6	6759	15.17	11.72	9.3	6.37	4.67	2.51	1.58	1.2	9.8	96.8	0.88	33.0	10,324	17.7	3.8	16.0	7.5	5.6	17.7
3.600	81.9	3	5:27 PM	100.6	8603	20.13	15.2	11.96	8.23	6.02	3.22	2	1.58	13	96.8	0.88	34.1	10,102	17.2	3.7	15.6	7.4	5.6	17.1
3.600	81.9	4	5:27 PM	100.6	8844	21.11	15.82	12.41	8.54	6.25	3.35	2.09	1.64	13	96.8	0.88	34.7	9,971	16.9	3.7	15.4	7.4	5.6	16.9

3.694	81.7	1	5:28 PM	103.9	6573	18.37	13.3	9.93	6.72	5.07	2.94	1.66	1.28	10	99.1	0.88	39.4	8,921	14.8	3.5	14.4	7.2	5.4	14.9
3.694	81.7	2	5:28 PM	103.9	6474	17.56	12.74	9.54	6.48	4.9	2.85	1.7	1.31	10	99.1	0.88	38.4	9,127	15.2	3.5	14.6	7.2	5.4	15.3
3.694	81.7	3	5:28 PM	103.9	8263	23.26	16.91	12.66	8.54	6.48	3.72	2.42	1.7	13	99.1	0.88	39.6	8,803	14.5	3.5	14.4	7.2	5.4	14.8
3.694	81.7	4	5:28 PM	103.9	8734	24.77	18.07	13.52	9.11	6.9	4.03	2.5	1.83	14	99.1	0.88	40.0	8,739	14.4	3.5	14.3	7.2	5.4	14.6
3.799	82.3	1	5:29 PM	102.0	6562	20.56	15.3	11.71	7.5	5.52	3.22	2.14	1.59	12	97.8	0.89	44.1	8,100	13.1	3.3	13.5	7.1	5.3	13.3
3.799	82.3	2	5:29 PM	102.0	6507	20.21	15.16	11.67	7.54	5.57	3.3	2.19	1.63	12	97.8	0.89	43.9	8,035	13.0	3.4	13.6	7.1	5.3	13.3
3.799	82.3	3	5:29 PM	102.0	8208	27.36	20.64	15.9	10.38	7.77	4.5	3.02	2.24	16	97.8	0.90	46.9	7,341	11.7	3.3	13.3	7.0	5.2	12.5
3.799	82.3	4	5:29 PM	102.0	8614	29.36	22.19	17.11	11.18	8.46	4.96	3.23	2.44	18	97.8	0.90	48.0	7,111	11.2	3.3	13.2	6.9	5.2	12.2
3.911	82.8	1	5:31 PM	100.8	6781	15.5	12.78	10.44	7.5	5.71	3.26	2.16	1.65	9.8	97.0	0.89	34.0	8,867	14.7	4.1	16.7	7.4	5.5	17.2
3.911	82.8	2	5:31 PM	100.8	6737	14.84	12.35	10.14	7.33	5.59	3.21	2.17	1.61	9.7	97.0	0.89	33.0	9,037	15.0	4.1	17.1	7.4	5.5	17.7
3.911	82.8	3	5:31 PM	100.8	8449	20.26	16.81	13.84	10.06	7.69	4.37	2.85	2.29	13	97.0	0.90	35.6	8,249	13.4	4.1	16.6	7.3	5.4	16.4
3.911	82.8	4	5:31 PM	100.8	8745	21.31	17.55	14.44	10.52	8.06	4.58	3.01	2.4	14	97.0	0.90	36.1	8,141	13.2	4.1	16.4	7.3	5.4	16.2

BIA 23


Eff. Structural Number
Eff. R-value
Test Location, miles
Eff. S. N..
Eff. R-value
0
1
2
3
4
5
6
7
8
9
10
0
10
20
30
40
50
60
70
80
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0

BIA 23


Allowable Spring Axle Load, Tons
25
20
15
10
5
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Test Location, miles
AASHTO
TONN

County:	Pine Ridge Reservation
Date Tested:	6/18/2008
Julian:	170
Highway	BIA 4 - 20
From:	Shannon County Line
To:	South 11.9 Miles
Dir	SB
Prev Day Temp	75 °F
Bit. Thickness	8.9 inches
Daily ESALs	20.7
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	183,579
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.13

	X1	X2	X3	X4	X5	X6	X7
	0	203.2	304.8	457.2	609.6	914	1524
	0	8	12	18	24	36	60
	0	8	12	18	24	36	60
	20.18	16.28	13.30	9.91	7.77	4.77	3.16
		0.81	0.66	0.49	0.38	0.24	0.16

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

1.3

	Summary of Analysis Results							
	$_sBB_{\infty}$	Esg	Eff.	Effective	Axle Load for Design Defl. Tons			TONN
	mils	psi	R-val	SN	AASHTO	S.F	Inv. 183	Tons
Avg. =	34.7	8,886	15.0	4.3	15.2	6.0	4.6	14.2
Median =	32.34	8,165	13.3	4.3	15.2	6.0	4.6	13.9
Std.Dev. =	10.91	3,194	6.8	0.7	3.0	0.5	0.3	4.4
85th % =	24.41	6,119	9.4	3.7	11.5	5.4	4.3	9.6

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
5.588	71.4	1	10:02 AM	78.2	6375	21.07	16.92	13.71	10.04	7.66	4.5	2.98	2.3	14	75.3	1.03	42.3	6,950	10.9	3.9	12.8	5.6	4.4	10.6
5.588	71.4	2	10:02 AM	78.2	6441	20.78	16.67	13.56	9.99	7.61	4.51	3.01	2.3	14	75.3	1.03	41.4	7,078	11.2	3.9	12.9	5.6	4.4	10.9
5.588	71.4	3	10:02 AM	78.2	8394	27.23	21.96	17.91	13.28	10.13	6.01	3.99	3	19	75.3	1.03	41.6	6,951	10.9	3.9	13.0	5.6	4.4	10.8
5.588	71.4	4	10:02 AM	78.2	8811	28.53	22.98	18.96	13.74	10.86	6.48	4.25	2.6	20	75.3	1.03	41.5	6,835	10.7	4.0	13.1	5.6	4.4	10.8
5.684	70.8	1	10:03 AM	81.0	6375	18.51	15.21	12.66	9.68	7.77	4.63	3.35	2.6	12	76.7	1.02	37.5	7,000	11.0	4.3	14.4	5.7	4.4	12.0
5.684	70.8	2	10:03 AM	81.0	6463	18.2	14.93	12.48	9.58	7.7	4.69	3.42	2.6	12	76.7	1.02	36.5	7,165	11.3	4.3	14.6	5.7	4.5	12.3
5.684	70.8	3	10:03 AM	81.0	8460	24.26	19.92	16.66	12.9	10.29	6.22	4.63	3.7	16	76.7	1.02	37.1	7,020	11.1	4.3	14.5	5.7	4.4	12.1
5.684	70.8	4	10:03 AM	81.0	8800	25.31	20.84	17.45	13.53	10.83	6.58	4.8	3.7	17	76.7	1.02	37.2	6,942	10.9	4.4	14.5	5.7	4.4	12.1
5.776	71	1	10:04 AM	79.6	6792	15.04	12.62	10.67	8.23	6.48	3.9	2.31	1.8	11	76.0	1.03	30.2	9,015	15.0	4.5	16.0	6.1	4.7	14.9
5.776	71	2	10:04 AM	79.6	6606	14.86	12.36	10.45	8.06	6.33	3.84	2.32	1.8	11	76.0	1.03	30.6	8,913	14.8	4.5	15.9	6.1	4.7	14.7
5.776	71	3	10:04 AM	79.6	8460	19.74	16.48	13.86	10.8	8.51	5.15	3.22	2.4	14	76.0	1.03	31.5	8,550	14.0	4.5	15.7	6.0	4.6	14.3
5.776	71	4	10:04 AM	79.6	8855	20.63	17.25	14.55	11.32	8.92	5.37	3.41	2.5	15	76.0	1.03	31.5	8,537	14.0	4.5	15.7	6.0	4.6	14.3
5.873	71.4	1	10:05 AM	80.2	6375	19.13	16.35	14.09	10.96	8.8	5.24	3.49	2.8	14	76.3	1.02	38.6	6,209	9.6	4.5	14.6	5.6	4.4	11.7
5.873	71.4	2	10:05 AM	80.2	6386	18.93	16.41	14.06	10.91	8.79	5.54	3.64	2.6	14	76.3	1.02	38.2	6,222	9.6	4.5	14.8	5.6	4.4	11.8
5.873	71.4	3	10:05 AM	80.2	8383	25.41	21.72	18.63	14.57	11.72	7.26	4.81	3.5	19	76.3	1.02	38.9	6,129	9.4	4.5	14.6	5.5	4.4	11.6
5.873	71.4	4	10:05 AM	80.2	8877	27.02	23.05	19.78	15.48	12.45	7.72	5.11	3.8	20	76.3	1.02	39.0	6,110	9.4	4.5	14.6	5.5	4.4	11.5
5.967	71.9	1	10:06 AM	81.5	6814	20.85	16.9	13.75	10.35	8.23	5.37	3.76	2.9	14	76.9	1.02	39.1	7,015	11.1	4.1	13.8	5.7	4.4	11.5
5.967	71.9	2	10:06 AM	81.5	6715	20.66	16.52	13.5	10.19	8.11	5.34	3.78	2.9	14	76.9	1.02	39.3	7,010	11.0	4.1	13.7	5.7	4.4	11.5
5.967	71.9	3	10:06 AM	81.5	8416	27.63	21.98	18.02	13.64	10.82	7.1	5.03	3.9	19	76.9	1.02	41.5	6,582	10.2	4.1	13.3	5.5	4.4	10.8
5.967	71.9	4	10:06 AM	81.5	8756	29.01	23.16	18.98	14.39	11.41	7.45	5.26	4	20	76.9	1.02	41.8	6,499	10.1	4.1	13.3	5.5	4.3	10.8
6.066	72.1	1	10:08 AM	83.1	6375	18.94	16.26	14.11	11.11	8.99	5.58	3.67	2.7	14	77.7	1.01	37.9	6,060	9.3	4.6	15.1	5.5	4.4	11.9
6.066	72.1	2	10:08 AM	83.1	6419	18.6	16.02	13.84	10.94	8.88	5.53	3.63	2.6	14	77.7	1.01	37.1	6,173	9.5	4.7	15.3	5.6	4.4	12.1
6.066	72.1	3	10:08 AM	83.1	8449	24.82	21.38	18.59	14.72	11.86	7.37	4.82	3.5	19	77.7	1.01	37.5	6,083	9.3	4.7	15.2	5.6	4.4	12.0
6.066	72.1	4	10:08 AM	83.1	8932	26.28	22.7	19.71	15.6	12.6	7.8	5.09	3.8	20	77.7	1.01	37.6	6,051	9.3	4.7	15.2	5.5	4.4	12.0
6.160	72	1	10:09 AM	83.0	6573	13.57	11.04	9.41	7.23	5.8	3.62	2.43	1.8	9.7	77.7	1.02	28.2	9,681	15.3	4.6	16.6	6.2	4.8	16.0
6.160	72	2	10:09 AM	83.0	6650	13.33	10.86	9.26	7.18	5.73	3.59	2.44	1.8	9.5	77.7	1.02	27.6	9,917	16.8	4.6	16.8	6.2	4.8	16.3
6.160	72	3	10:09 AM	83.0	8691	17.65	14.49	12.39	9.6	7.67	4.85	3.25	2.4	13	77.7	1.02	27.8	9,742	16.4	4.6	16.7	6.2	4.8	16.2

6.160	72	4	10:09 AM	83.0	8987	18.29	15.05	12.86	9.98	7.99	5.02	3.41	2.5	13	77.7	1.02	27.9	9,669	16.3	4.6	16.8	6.2	4.8	16.1
6.251	72.6	1	10:10 AM	82.4	6606	10.04	7.74	6.35	4.7	3.65	2.17	1.3	0.9	6.8	77.4	1.03	22.5	15,112	28.3	4.3	16.8	6.8	5.1	20.0
6.251	72.6	2	10:10 AM	82.4	6715	9.65	7.55	6.17	4.57	3.55	2.12	1.3	0.9	6.7	77.4	1.03	21.6	15,834	29.9	4.3	17.1	6.8	5.2	20.9
6.251	72.6	3	10:10 AM	82.4	8734	12.82	10.09	8.28	6.15	4.76	2.75	1.65	1.1	8.9	77.4	1.03	21.9	15,387	28.9	4.3	17.1	6.8	5.1	20.5
6.251	72.6	4	10:10 AM	82.4	9130	13.33	10.5	8.65	6.43	4.98	2.9	1.76	1.2	9.4	77.4	1.03	21.8	15,391	28.9	4.3	17.2	6.8	5.1	20.6
6.346	72.1	1	10:11 AM	74.8	6397	18.67	15.33	12.52	9.19	7	3.89	2.29	1.6	12	73.6	1.05	38.6	7,678	12.3	4.0	13.4	5.7	4.5	11.7
6.346	72.1	2	10:11 AM	74.8	6408	17.96	14.87	12.15	8.87	6.8	3.83	2.28	1.6	12	73.6	1.05	37.3	7,931	12.8	4.0	13.7	5.8	4.5	12.1
6.346	72.1	3	10:11 AM	74.8	8526	24.33	20.44	16.76	12.39	9.46	5.3	3.13	2.2	17	73.6	1.05	37.9	7,619	12.2	4.1	13.7	5.8	4.5	11.9
6.346	72.1	4	10:11 AM	74.8	8866	25.34	21.41	17.57	12.98	9.94	5.59	3.31	2.3	18	73.6	1.05	37.9	7,550	12.1	4.1	13.8	5.7	4.5	11.9
6.448	72	1	10:12 AM	79.4	6463	11.11	9.19	7.62	5.68	4.39	2.5	1.49	1	7.6	75.9	1.04	24.9	12,475	22.3	4.4	16.6	6.5	5.0	18.0
6.448	72	2	10:12 AM	79.4	6595	11.15	9.07	7.5	5.59	4.31	2.47	1.49	1	7.6	75.9	1.04	24.6	12,922	23.3	4.3	16.6	6.5	5.0	18.3
6.448	72	3	10:12 AM	79.4	8603	14.36	12.07	10.04	7.52	5.83	3.36	2.04	1.4	10	75.9	1.04	24.4	12,547	22.4	4.4	17.0	6.5	5.0	18.5
6.448	72	4	10:12 AM	79.4	9009	15.09	12.69	10.56	7.92	6.15	3.54	2.15	1.5	11	75.9	1.04	24.4	12,461	22.3	4.4	17.0	6.5	5.0	18.4
6.534	71.9	1	10:13 AM	81.5	6320	16.47	13.81	11.32	8.06	5.99	3.2	1.85	1.4	11	77.0	1.03	34.3	8,812	14.6	4.1	14.2	6.0	4.6	13.1
6.534	71.9	2	10:13 AM	81.5	6397	16.27	13.51	11.06	7.87	5.88	3.17	1.83	1.2	11	77.0	1.03	33.7	9,074	15.1	4.1	14.3	6.0	4.6	13.4
6.534	71.9	3	10:13 AM	81.5	8416	22.03	18.25	14.99	10.75	8.04	4.32	2.53	1.8	15	77.0	1.03	34.5	8,748	14.4	4.1	14.2	6.0	4.6	13.1
6.534	71.9	4	10:13 AM	81.5	8967	23.72	19.64	16.16	11.61	8.69	4.69	2.75	1.9	16	77.0	1.03	34.7	8,649	14.2	4.1	14.2	5.9	4.6	13.0
6.634	72.1	1	10:14 AM	80.0	6123	26.28	18.57	13.79	9.7	7.43	4.66	3.12	2.2	14	76.2	1.03	52.8	6,410	9.9	3.2	10.6	5.3	4.2	8.5
6.634	72.1	2	10:14 AM	80.0	6233	25.68	18.47	13.82	9.83	7.52	4.71	3.13	2.2	14	76.2	1.03	50.9	6,523	10.1	3.3	10.9	5.4	4.2	8.8
6.634	72.1	3	10:14 AM	80.0	8230	34.15	24.74	18.65	13.35	10.36	6.58	4.57	3.1	19	76.2	1.02	51.2	6,324	9.8	3.4	11.0	5.4	4.2	8.8
6.634	72.1	4	10:14 AM	80.0	8756	36.33	26.46	20.06	14.37	11.28	7.16	4.85	3.4	21	76.2	1.02	51.2	6,224	9.6	3.4	11.0	5.3	4.2	8.8
6.732	72.2	1	10:15 AM	79.3	6430	27.36	16.65	10.96	6.71	4.93	2.96	2.11	1.7	12	75.9	1.04	52.9	8,424	13.8	2.5	9.4	5.6	4.3	8.5
6.732	72.2	2	10:15 AM	79.3	6244	26.09	16.05	10.71	6.71	4.89	2.95	2.17	1.7	12	75.9	1.04	52.1	8,398	13.7	2.6	9.6	5.6	4.3	8.6
6.732	72.2	3	10:15 AM	79.3	8296	33.51	21.18	14.19	9	6.57	3.99	2.88	2.3	15	75.9	1.04	50.5	8,476	13.9	2.7	9.8	5.6	4.3	8.9
6.732	72.2	4	10:15 AM	79.3	8680	34.61	22.05	14.89	9.39	6.9	4.2	3.03	2.4	16	75.9	1.04	49.9	8,507	13.9	2.7	9.9	5.6	4.3	9.0
6.825	72.3	1	10:16 AM	79.0	6244	28.19	19.08	13.42	6.53	6.13	3.53	2.46	1.9	14	75.7	1.03	55.7	7,154	11.3	2.7	9.6	5.4	4.2	8.1
6.825	72.3	2	10:16 AM	79.0	6309	27.3	18.63	13.15	8.41	6.07	3.52	2.45	2	14	75.7	1.03	53.6	7,370	11.7	2.8	9.8	5.5	4.2	8.4
6.825	72.3	3	10:16 AM	79.0	8241	35.89	24.81	17.66	11.31	8.13	4.7	3.28	2.6	19	75.7	1.03	53.9	7,243	11.5	2.8	9.8	5.4	4.2	8.3
6.825	72.3	4	10:16 AM	79.0	8800	38.37	26.63	19	12.22	8.74	5.05	3.53	2.8	20	75.7	1.03	54.0	7,212	11.4	2.8	9.9	5.4	4.2	8.3
6.915	71.6	1	10:17 AM	78.5	6452	16	12.61	10.48	7.82	6.17	3.97	2.7	1.9	10	75.5	1.03	33.2	8,828	14.6	4.2	14.7	6.0	4.6	13.5
6.915	71.6	2	10:17 AM	78.5	6375	15.55	12.27	10.2	7.59	6.01	3.98	2.61	1.9	10	75.5	1.03	32.8	8,959	14.9	4.2	14.8	6.0	4.6	13.7
6.915	71.6	3	10:17 AM	78.5	8471	20.65	16.42	13.68	10.18	8.09	5.33	3.65	2.6	13	75.5	1.03	32.8	8,862	14.7	4.2	14.9	6.0	4.6	13.7
6.915	71.6	4	10:17 AM	78.5	8833	21.55	17.1	14.29	10.65	8.48	5.56	3.89	2.7	14	75.5	1.03	32.8	8,821	14.6	4.2	14.9	6.0	4.6	13.7
7.011	71.2	1	10:18 AM	77.9	6441	14.67	12.72	11.11	8.93	7.23	4.42	2.65	1.7	12	75.2	1.03	31.0	7,577	12.1	4.8	16.8	5.9	4.6	14.5
7.011	71.2	2	10:18 AM	77.9	6540	14.86	12.65	11.1	8.89	7.17	4.41	2.63	1.7	12	75.2	1.03	31.0	7,779	12.5	4.8	16.6	5.9	4.6	14.5
7.011	71.2	3	10:18 AM	77.9	8647	19.67	17.09	15	12.08	9.78	6.02	3.6	2.3	17	75.2	1.03	31.0	7,510	12.0	4.9	16.9	5.9	4.6	14.5
7.011	71.2	4	10:18 AM	77.9	8943	20.57	17.84	15.58	12.59	10.19	6.27	3.76	2.4	17	75.2	1.03	31.2	7,459	11.9	4.8	16.8	5.9	4.6	14.4
7.104	70.7	1	10:19 AM	77.6	6726	12.57	11.04	9.78	8.01	6.8	4.7	3.28	2.4	9.7	75.1	1.04	26.5	8,261	13.5	5.2	18.9	6.1	4.7	17.0
7.104	70.7	2	10:19 AM	77.6	6562	12.54	10.98	9.76	8.02	6.77	4.65	3.28	2.5	9.8	75.1	1.03	27.0	8,099	13.1	5.2	18.8	6.1	4.7	16.7
7.104	70.7	3	10:19 AM	77.6	8647	16.35	14.29	12.7	10.44	8.79	6	4.22	3.2	13	75.1	1.04	26.8	8,228	13.4	5.2	18.8	6.1	4.7	16.8
7.104	70.7	4	10:19 AM	77.6	8965	16.91	14.8	13.12	10.78	9.11	6.22	4.37	3.3	13	75.1	1.04	26.7	8,227	13.4	5.2	18.8	6.1	4.7	16.9
7.198	70.1	1	10:21 AM	76.4	6320	18.31	14.35	11.67	9.16	7.51	5.1	3.63	2.7	12	74.5	1.04	37.9	7,164	11.3	4.2	14.1	5.7	4.4	11.9
7.198	70.1	2	10:21 AM	76.4	6375	18.09	14.2	11.59	9.11	7.5	5.1	3.64	2.7	12	74.5	1.04	37.3	7,244	11.5	4.2	14.2	5.7	4.5	12.1
7.198	70.1	3	10:21 AM	76.4	8427	24.03	18.95	15.37	12.2	10.01	6.75	4.76	3.6	16	74.5	1.04	37.4	7,178	11.4	4.3	14.2	5.7	4.4	12.0
7.198	70.1	4	10:21 AM	76.4	8954	25.43	20.13	16.35	12.96	10.63	7.18	5.08	3.8	17	74.5	1.04	37.3	7,184	11.4	4.3	14.3	5.7	4.5	12.1
7.299	70.9	1	10:21 AM	76.9	6540	19.7	15.35	12.03	8.75	6.89	4.39	3.07	2.4	13	74.7	1.04	39.3	7,858	12.7	3.8	13.1	5.8	4.5	11.5
7.299	70.9	2	10:21 AM	76.9	6441	19.2	15.04	11.85	8.65	6.84	4.39	3.08	2.4	12	74.7	1.04	38.9	7,829	12.6	3.9	13.2	5.8	4.5	11.6

7.299	70.9	3	10:21 AM	76.9	8449	25.25	19.92	15.71	11.5	9	5.66	4.01	3.1	16	74.7	1.04	39.0	7,806	12.6	3.9	13.2	5.8	4.5	11.5
7.299	70.9	4	10:21 AM	76.9	8800	26.41	20.85	16.43	11.95	9.45	6.03	4.16	3.2	17	74.7	1.04	39.1	7,750	12.5	3.9	13.2	5.7	4.5	11.5
7.388	70.6	1	10:22 AM	78.6	6255	27.15	20.02	15.23	10.55	7.96	5	3.43	2.5	15	75.6	1.03	53.5	6,187	9.5	3.3	10.6	5.3	4.2	8.4
7.388	70.6	2	10:22 AM	78.6	6342	26.43	19.65	15.08	10.56	8.02	5.08	3.5	2.6	15	75.6	1.03	51.6	6,296	9.7	3.4	10.9	5.3	4.2	8.7
7.388	70.6	3	10:22 AM	78.6	8307	34.94	26.25	20.29	14.31	10.89	6.9	4.75	3.5	20	75.6	1.03	52.0	6,123	9.4	3.4	10.9	5.3	4.2	8.7
7.388	70.6	4	10:22 AM	78.6	8800	37.09	27.95	21.69	15.35	11.73	7.42	5.13	3.8	21	75.6	1.03	52.1	6,048	9.3	3.4	11.0	5.3	4.2	8.6
7.484	71	1	10:23 AM	79.4	6430	13.8	10.96	8.85	6.16	4.35	2.46	1.67	1.3	8.8	76.0	1.04	29.7	11,905	21.0	3.8	14.3	6.3	4.8	15.2
7.484	71	2	10:23 AM	79.4	6375	13.47	10.46	8.45	5.91	4.17	2.4	1.67	1.3	8.5	76.0	1.04	29.3	12,247	21.8	3.8	14.3	6.4	4.8	15.4
7.484	71	3	10:23 AM	79.4	8449	17.45	14	11.36	7.98	5.69	3.24	2.23	1.8	11	76.0	1.04	28.8	12,075	21.4	3.9	14.7	6.4	4.8	15.6
7.484	71	4	10:23 AM	79.4	8811	18.43	14.65	11.87	8.36	5.95	3.44	2.38	1.9	12	76.0	1.04	29.1	12,009	21.3	3.9	14.5	6.4	4.8	15.5
7.576	70.9	1	10:25 AM	79.1	6650	10.67	9.04	7.83	6.21	5.07	3.26	2.13	1.5	7.8	75.8	1.04	23.6	11,206	19.5	4.9	18.5	6.5	4.9	19.1
7.576	70.9	2	10:25 AM	79.1	6661	9.99	8.78	7.61	6.04	4.92	3.16	2.09	1.4	7.6	75.8	1.04	22.4	11,515	20.2	5.0	19.2	6.6	5.0	20.0
7.576	70.9	3	10:25 AM	79.1	8680	13.71	11.68	10.14	8.09	6.61	4.27	2.82	2	10	75.8	1.04	23.3	11,201	19.5	4.9	18.7	6.5	4.9	19.3
7.576	70.9	4	10:25 AM	79.1	9086	14.34	12.24	10.63	8.48	6.93	4.47	2.94	2.1	11	75.8	1.04	23.3	11,180	19.5	4.9	18.8	6.5	4.9	19.3
7.677	70.8	1	10:26 AM	79.3	6518	7.64	6.7	5.87	4.75	4.08	2.88	2.07	1.5	5.9	75.9	1.04	18.8	13,384	24.3	5.2	21.3	6.8	5.2	23.9
7.677	70.8	2	10:26 AM	79.3	6683	7.1	6.74	5.91	4.81	4.12	2.89	2.06	1.5	5.9	75.9	1.04	17.6	13,257	24.0	5.5	22.9	6.9	5.2	25.5
7.677	70.8	3	10:26 AM	79.3	8789	9.93	8.98	7.89	6.48	5.5	3.87	2.75	2	7.9	75.9	1.04	18.4	13,261	24.0	5.4	21.9	6.9	5.2	24.5
7.677	70.8	4	10:26 AM	79.3	9020	10.4	9.25	8.1	6.66	5.63	3.98	2.81	2.1	8.2	75.9	1.04	18.6	13,377	24.3	5.3	21.6	6.8	5.2	24.2
7.766	70.3	1	10:27 AM	78.9	6737	14.13	12.83	11.52	10.02	8.62	6.29	4.34	3.2	12	75.7	1.03	28.8	6,258	9.6	5.6	19.6	5.8	4.6	15.6
7.766	70.3	2	10:27 AM	78.9	6650	13.93	12.85	11.57	10.06	8.64	6.25	4.54	3.2	12	75.7	1.03	28.7	6,113	9.4	5.7	19.8	5.8	4.6	15.7
7.766	70.3	3	10:27 AM	78.9	8636	17.97	16.96	15.4	13.28	11.61	8.45	5.93	4.2	15	75.7	1.02	28.6	5,776	8.8	5.8	20.4	5.7	4.5	15.8
7.766	70.3	4	10:27 AM	78.9	8866	19.27	17.36	15.79	13.62	11.9	8.67	6.11	4.4	16	75.7	1.02	29.6	5,931	9.0	5.6	19.5	5.7	4.5	15.2
7.856	70.4	1	10:29 AM	78.1	6233	20.47	16.94	14	10.38	8.13	4.91	3.17	2.3	15	75.4	1.03	42.0	6,501	10.1	4.1	13.2	5.5	4.3	10.7
7.856	70.4	2	10:29 AM	78.1	6342	20.05	16.58	13.72	10.19	7.95	4.85	3.15	2.3	15	75.4	1.03	40.6	6,763	10.6	4.1	13.4	5.6	4.4	11.1
7.856	70.4	3	10:29 AM	78.1	8263	25.97	21.79	18.04	13.48	10.53	6.41	4.15	3	19	75.4	1.03	40.4	6,671	10.4	4.1	13.6	5.6	4.4	11.1
7.856	70.4	4	10:29 AM	78.1	8877	27.69	23.33	19.33	14.48	11.32	6.91	4.45	3.3	21	75.4	1.03	40.4	6,668	10.4	4.1	13.6	5.6	4.4	11.1
7.963	70.9	1	10:30 AM	78.0	6364	13.73	11.64	9.85	7.45	5.86	3.66	2.48	1.8	10	75.3	1.04	29.7	9,277	15.5	4.5	16.0	6.1	4.7	15.1
7.963	70.9	2	10:30 AM	78.0	6430	13.76	11.54	9.75	7.37	5.78	3.62	2.46	1.8	9.9	75.3	1.04	29.6	9,492	15.9	4.4	16.0	6.2	4.7	15.2
7.963	70.9	3	10:30 AM	78.0	8405	17.78	15.19	12.82	9.8	7.82	4.91	3.34	2.5	13	75.3	1.04	29.3	9,237	15.4	4.5	16.3	6.1	4.7	15.4
7.963	70.9	4	10:30 AM	78.0	8866	18.9	16.04	13.56	10.38	8.26	5.22	3.57	2.6	14	75.3	1.04	29.5	9,227	15.4	4.5	16.2	6.1	4.7	15.3
8.061	71.1	1	10:31 AM	77.5	6419	16.19	14.48	12.92	10.58	8.71	5.66	3.72	2.6	13	75.1	1.03	33.6	6,163	9.5	5.1	16.9	5.7	4.5	13.4
8.061	71.1	2	10:31 AM	77.5	6463	15.91	14.17	12.63	10.31	8.52	5.57	3.69	2.6	13	75.1	1.03	32.9	6,351	9.8	5.0	17.0	5.7	4.5	13.7
8.061	71.1	3	10:31 AM	77.5	8515	21.03	18.79	16.78	13.79	11.41	7.52	5.01	3.6	17	75.1	1.03	33.0	6,228	9.6	5.1	17.1	5.7	4.5	13.6
8.061	71.1	4	10:31 AM	77.5	8888	21.91	19.58	17.5	14.34	11.88	7.85	5.22	3.7	18	75.1	1.03	33.0	6,244	9.6	5.1	17.1	5.7	4.5	13.7
8.151	71.3	1	10:32 AM	77.4	6397	12.59	11.49	10.22	8.48	7.09	4.66	2.93	1.8	10	75.0	1.03	27.6	7,450	11.9	5.3	19.0	6.0	4.7	16.3
8.151	71.3	2	10:32 AM	77.4	6474	12.39	11.19	9.96	8.26	6.88	4.52	2.83	1.8	9.9	75.0	1.04	27.0	7,803	12.6	5.3	19.0	6.1	4.7	16.7
8.151	71.3	3	10:32 AM	77.4	8548	16.79	15.03	13.42	11.09	9.32	6.18	3.91	2.5	13	75.0	1.03	27.5	7,606	12.2	5.3	18.9	6.0	4.7	16.3
8.151	71.3	4	10:32 AM	77.4	8932	17.29	15.71	14.05	11.66	9.78	6.47	4.1	2.6	14	75.0	1.03	27.2	7,530	12.0	5.3	19.2	6.0	4.7	16.5
8.244	70.4	1	10:33 AM	69.0	6222	14.98	12.8	10.91	8.37	6.59	3.82	2.31	1.6	11	70.9	1.07	33.6	8,113	13.2	4.4	15.1	5.9	4.6	13.4
8.244	70.4	2	10:33 AM	69.0	6309	14.47	12.45	10.61	8.14	6.43	3.74	2.3	1.6	11	70.9	1.07	32.3	8,428	13.8	4.4	15.4	6.0	4.6	13.9
8.244	70.4	3	10:33 AM	69.0	8471	19.72	17.27	14.76	11.45	8.98	5.22	3.17	2.3	15	70.9	1.07	32.6	8,090	13.1	4.5	15.5	5.9	4.6	13.8
8.244	70.4	4	10:33 AM	69.0	8778	21.13	17.99	15.33	11.92	9.37	5.52	3.34	2.3	16	70.9	1.07	33.5	8,048	13.0	4.4	15.1	5.9	4.6	13.4
8.335	70.5	1	10:34 AM	77.5	6353	8.8	6.86	5.37	3.77	2.85	1.67	1.12	0.9	5.3	75.1	1.06	21.6	18,094	35.3	3.9	16.0	6.9	5.2	20.9
8.335	70.5	2	10:34 AM	77.5	6419	8.83	6.83	5.36	3.77	2.86	1.67	1.12	0.9	5.4	75.1	1.06	21.5	18,218	35.7	3.9	16.0	6.9	5.2	21.0
8.335	70.5	3	10:34 AM	77.5	8394	11.63	9.17	7.2	5.13	3.92	2.33	1.56	1.2	7.4	75.1	1.05	21.6	17,569	34.1	4.0	16.3	6.9	5.2	20.9
8.335	70.5	4	10:34 AM	77.5	8976	12.79	9.83	7.77	5.56	4.24	2.54	1.73	1.3	7.9	75.1	1.05	22.0	17,293	33.4	4.0	16.1	6.9	5.2	20.5
8.430	70.7	1	10:35 AM	76.1	6298	15.4	13.05	10.85	7.95	6.01	3.37	2.03	1.3	11	74.4	1.05	33.2	8,864	14.7	4.2	14.6	6.0	4.6	13.5

8.430	70.7	2	10:35 AM	76.1	6342	15.43	12.72	10.56	7.74	5.9	3.36	2.01	1.3	10	74.4	1.05	33.1	9,062	15.1	4.1	14.6	6.0	4.6	13.6
8.430	70.7	3	10:35 AM	76.1	8394	20.61	17.25	14.4	10.69	8.12	4.64	2.81	1.9	14	74.4	1.05	33.3	8,756	14.4	4.2	14.7	6.0	4.6	13.5
8.430	70.7	4	10:35 AM	76.1	8910	21.5	18.44	15.44	11.51	8.73	4.97	3.07	2.1	15	74.4	1.04	32.8	8,679	14.3	4.3	15.0	6.0	4.6	13.7
8.527	70.1	1	10:36 AM	76.3	6156	23.6	18.44	14.42	9.87	7.31	4.08	2.57	1.9	14	74.5	1.04	48.5	6,747	10.5	3.4	11.3	5.5	4.3	9.3
8.527	70.1	2	10:36 AM	76.3	6255	23.32	17.98	14.11	9.75	7.26	4.08	2.59	1.9	14	74.5	1.04	47.3	6,913	10.9	3.5	11.4	5.5	4.3	9.5
8.527	70.1	3	10:36 AM	76.3	8230	31.5	24.47	19.31	13.43	9.96	5.61	3.54	2.6	20	74.5	1.04	48.4	6,661	10.4	3.5	11.4	5.4	4.3	9.3
8.527	70.1	4	10:36 AM	76.3	8745	33.63	26.09	20.7	14.37	10.64	6.01	3.77	3	21	74.5	1.04	48.6	6,627	10.3	3.5	11.3	5.4	4.3	9.3
8.621	70.5	1	10:38 AM	75.7	6101	27.24	20.14	15.26	10.1	7.35	4.28	2.85	2.1	16	74.2	1.04	55.5	6,351	9.8	3.1	10.1	5.3	4.2	8.1
8.621	70.5	2	10:38 AM	75.7	6189	26.15	19.45	14.96	10	7.29	4.28	2.93	2.1	16	74.2	1.04	52.9	6,571	10.2	3.2	10.5	5.4	4.2	8.5
8.621	70.5	3	10:38 AM	75.7	8120	33.42	25.19	19.39	13.07	9.61	5.67	3.87	2.8	21	74.2	1.04	51.6	6,610	10.3	3.2	10.7	5.4	4.2	8.7
8.621	70.5	4	10:38 AM	75.7	8778	35.7	27.09	20.8	14.07	10.41	6.17	4.14	3.1	22	74.2	1.04	51.1	6,628	10.3	3.3	10.8	5.4	4.2	8.8
8.724	70.4	1	10:39 AM	75.7	6463	15.52	14.06	12.68	10.72	9.2	6.64	4.81	3.6	12	74.2	1.03	32.3	5,695	8.6	5.4	18.1	5.6	4.4	13.9
8.724	70.4	2	10:39 AM	75.7	6463	15.43	14.1	12.7	10.76	9.24	6.68	4.83	3.6	13	74.2	1.03	32.2	5,647	8.5	5.4	18.2	5.6	4.4	14.0
8.724	70.4	3	10:39 AM	75.7	8438	20.64	18.61	16.78	14.24	12.19	8.81	6.37	4.7	17	74.2	1.03	32.8	5,620	8.5	5.4	17.9	5.6	4.4	13.7
8.724	70.4	4	10:39 AM	75.7	8877	21.7	19.56	17.63	14.97	12.84	9.27	6.69	4.9	17	74.2	1.03	32.8	5,609	8.5	5.4	17.9	5.6	4.4	13.7
8.809	70.4	1	10:40 AM	77.5	6474	11.51	9.97	8.76	7.2	6.06	4.24	3.15	2.4	8.8	75.1	1.04	25.5	8,979	14.9	5.1	19.0	6.2	4.8	17.6
8.809	70.4	2	10:40 AM	77.5	6441	11.45	9.96	8.78	7.18	6.08	4.36	3.18	2.4	8.8	75.1	1.04	25.5	8,887	14.7	5.2	19.1	6.2	4.8	17.6
8.809	70.4	3	10:40 AM	77.5	8504	15.53	13.42	11.85	9.8	8.3	5.9	4.31	3.3	12	75.1	1.03	26.0	8,582	14.1	5.2	19.0	6.2	4.8	17.3
8.809	70.4	4	10:40 AM	77.5	8932	16.57	14.14	12.49	10.31	8.76	6.22	4.56	3.5	13	75.1	1.03	26.3	8,562	14.1	5.1	18.7	6.2	4.7	17.1
8.919	69.8	1	10:41 AM	75.4	6288	22.54	16.59	11.93	7.98	5.81	3.28	2.16	1.6	12	74.1	1.05	46.1	8,141	13.2	3.1	11.0	5.7	4.4	9.8
8.919	69.8	2	10:41 AM	75.4	6320	21.66	16.07	11.63	7.82	5.7	3.25	2.17	1.7	12	74.1	1.05	44.3	8,406	13.7	3.2	11.2	5.7	4.4	10.2
8.919	69.8	3	10:41 AM	75.4	8383	28.9	21.59	15.81	10.65	7.83	4.54	3	2.3	16	74.1	1.05	44.5	8,204	13.3	3.2	11.3	5.7	4.4	10.1
8.919	69.8	4	10:41 AM	75.4	8877	30.81	22.89	16.74	11.36	8.3	4.79	3.19	2.4	17	74.1	1.05	44.8	8,178	13.3	3.2	11.3	5.7	4.4	10.1
9.005	69.6	1	10:43 AM	76.9	6463	12.24	9.73	7.91	5.87	4.62	2.8	1.78	1.3	7.9	74.8	1.05	27.1	11,767	20.7	4.2	15.8	6.4	4.9	16.6
9.005	69.6	2	10:43 AM	76.9	6386	11.77	9.44	7.7	5.72	4.43	2.74	1.68	1.4	7.7	74.8	1.05	26.5	12,120	21.5	4.2	15.9	6.4	4.9	17.0
9.005	69.6	3	10:43 AM	76.9	8482	15.69	12.76	10.39	7.67	5.99	3.57	2.31	1.6	10	74.8	1.05	26.6	11,935	21.1	4.2	15.9	6.4	4.9	16.9
9.005	69.6	4	10:43 AM	76.9	8899	16.59	13.37	10.87	8.06	6.26	3.75	2.39	1.7	11	74.8	1.05	26.6	11,925	21.1	4.2	15.8	6.4	4.9	16.8
9.097	69.8	1	10:44 AM	77.7	6266	17.31	13.52	10.11	7.11	5.61	3.7	2.78	2.2	10	75.3	1.04	36.5	9,067	15.1	3.7	13.2	5.9	4.6	12.3
9.097	69.8	2	10:44 AM	77.7	6298	16.74	13.08	9.93	6.97	5.48	3.63	2.76	2.2	10	75.3	1.04	35.3	9,357	15.7	3.8	13.4	6.0	4.6	12.7
9.097	69.8	3	10:44 AM	77.7	8328	22.78	17.64	13.32	9.44	7.43	4.9	3.67	3	14	75.3	1.04	36.1	9,116	15.2	3.8	13.3	5.9	4.6	12.4
9.097	69.8	4	10:44 AM	77.7	8789	24.15	18.64	14.14	9.98	7.85	5.19	3.9	3.1	14	75.3	1.04	36.3	9,097	15.1	3.8	13.3	5.9	4.6	12.4
9.191	70.4	1	10:45 AM	75.9	6617	14.43	12.2	10.54	8.2	6.52	3.97	2.53	1.9	11	74.4	1.04	30.2	8,708	14.3	4.6	16.2	6.1	4.7	14.9
9.191	70.4	2	10:45 AM	75.9	6430	14.12	12	10.42	8.09	6.35	3.96	2.61	2	11	74.4	1.04	30.3	8,692	14.3	4.6	16.2	6.1	4.7	14.8
9.191	70.4	3	10:45 AM	75.9	8482	18.99	16.21	14.02	10.98	8.78	5.39	3.41	2.4	14	74.4	1.04	30.8	8,276	13.5	4.6	16.3	6.0	4.6	14.6
9.191	70.4	4	10:45 AM	75.9	8822	19.8	16.92	14.56	11.45	9.26	5.64	3.49	2.4	15	74.4	1.04	30.9	8,153	13.2	4.7	16.4	6.0	4.6	14.6
9.291	70.2	1	10:46 AM	77.4	6266	20.32	17.04	14.19	10.66	8.31	5.09	3.35	2.3	14	75.1	1.03	41.6	6,416	9.9	4.1	13.4	5.5	4.3	10.8
9.291	70.2	2	10:46 AM	77.4	6298	19.56	16.64	13.86	10.44	8.14	5	3.32	2.3	14	75.1	1.03	40.1	6,596	10.3	4.2	13.8	5.6	4.4	11.2
9.291	70.2	3	10:46 AM	77.4	8350	26.57	22.24	18.57	14.07	10.99	6.82	4.54	3.2	19	75.1	1.03	40.9	6,474	10.0	4.2	13.6	5.5	4.4	11.0
9.291	70.2	4	10:46 AM	77.4	8811	28.22	23.44	19.63	14.88	11.66	7.26	4.83	3.4	20	75.1	1.03	41.1	6,438	10.0	4.2	13.6	5.5	4.3	10.9
9.380	70.4	1	10:47 AM	76.5	6288	22.84	18.93	15.71	11.51	8.78	5.04	3.32	2.5	16	74.7	1.04	46.0	6,043	9.2	3.9	12.4	5.4	4.3	9.8
9.380	70.4	2	10:47 AM	76.5	6211	22.04	18.15	15.08	11.06	8.5	4.95	3.39	2.7	15	74.7	1.04	45.1	6,169	9.5	3.9	12.6	5.4	4.3	10.0
9.380	70.4	3	10:47 AM	76.5	8241	29.51	24.16	20.1	14.76	11.33	6.57	4.36	3.3	20	74.7	1.04	45.4	6,136	9.4	3.9	12.5	5.4	4.3	9.9
9.380	70.4	4	10:47 AM	76.5	8800	31.06	25.78	21.47	15.78	12.29	7.19	4.57	3.4	22	74.7	1.03	44.8	6,069	9.3	4.0	12.7	5.4	4.3	10.0
9.479	70.7	1	10:48 AM	77.7	6474	17.02	14.28	12.37	9.56	7.56	4.54	2.8	2	13	75.3	1.03	34.9	7,356	11.7	4.5	15.1	5.8	4.5	12.9
9.479	70.7	2	10:48 AM	77.7	6408	16.61	14	12.1	9.35	7.39	4.44	2.79	2	12	75.3	1.03	34.5	7,448	11.9	4.5	15.2	5.8	4.5	13.1
9.479	70.7	3	10:48 AM	77.7	8405	22.1	18.72	16.19	12.55	9.98	6.02	3.76	2.7	17	75.3	1.03	34.8	7,227	11.5	4.5	15.2	5.8	4.5	12.9
9.479	70.7	4	10:48 AM	77.7	8954	23.39	19.86	17.18	13.32	10.57	6.39	4.01	2.9	18	75.3	1.03	34.7	7,269	11.5	4.5	15.3	5.8	4.5	13.0

9.570	70.6	1	10:49 AM	75.0	6353	20.16	17.87	15.7	12.49	10.05	6.08	3.64	2.4	15	73.9	1.04	41.0	5,368	8.0	4.6	14.6	5.4	4.3	11.0
9.570	70.6	2	10:49 AM	75.0	6288	19.3	17.12	15.03	11.88	9.67	5.79	3.65	2.7	15	73.9	1.04	39.8	5,516	8.3	4.7	14.9	5.4	4.3	11.3
9.570	70.6	3	10:49 AM	75.0	8296	25.75	22.83	20.11	15.96	12.79	7.85	4.68	2.8	20	73.9	1.04	40.2	5,510	8.3	4.6	14.7	5.4	4.3	11.2
9.570	70.6	4	10:49 AM	75.0	8855	27.76	24.5	21.53	17.14	13.81	8.42	5.06	3.3	21	73.9	1.04	40.5	5,446	8.2	4.6	14.7	5.4	4.3	11.1
9.665	70.6	1	10:50 AM	76.1	6375	21	18.07	15.84	12.48	9.9	6.04	3.64	2.4	16	74.5	1.03	42.2	5,507	8.3	4.5	14.0	5.4	4.3	10.7
9.665	70.6	2	10:50 AM	76.1	6375	19.53	17.38	15.16	11.94	9.48	5.71	3.53	2.3	15	74.5	1.03	39.7	5,731	8.7	4.6	14.7	5.5	4.3	11.3
9.665	70.6	3	10:50 AM	76.1	8471	26.28	23.2	20.28	16.05	12.73	7.74	4.68	3.1	20	74.5	1.03	40.1	5,673	8.6	4.6	14.6	5.4	4.3	11.2
9.665	70.6	4	10:50 AM	76.1	8745	27.4	24.06	21	16.62	13.22	8.04	4.91	3.2	21	74.5	1.03	40.4	5,642	8.5	4.6	14.5	5.4	4.3	11.1
9.760	70.9	1	10:51 AM	76.9	6189	23.05	20.63	18	14.11	11.17	6.54	3.81	2.5	18	74.9	1.03	46.7	4,723	6.9	4.5	13.4	5.1	4.2	9.6
9.760	70.9	2	10:51 AM	76.9	6342	23.44	20.56	17.92	14.07	11.1	6.54	3.85	2.6	18	74.9	1.03	46.4	4,884	7.2	4.4	13.3	5.2	4.2	9.7
9.760	70.9	3	10:51 AM	76.9	8350	30.29	27	23.57	18.45	14.63	8.61	5.03	3.3	23	74.9	1.03	45.7	4,868	7.2	4.5	13.6	5.2	4.2	9.9
9.760	70.9	4	10:51 AM	76.9	8833	32.22	28.49	24.83	19.53	15.44	9.09	5.32	3.5	25	74.9	1.03	45.9	4,883	7.2	4.4	13.5	5.2	4.2	9.8
9.849	70.3	1	10:52 AM	76.8	6112	32.83	28.49	24.4	18.47	14.17	8.15	4.78	3.2	24	74.9	1.02	64.5	3,709	5.2	3.8	10.5	4.7	3.9	7.0
9.849	70.3	2	10:52 AM	76.8	6200	31.92	27.52	23.59	17.9	13.8	7.98	4.77	3.2	24	74.9	1.03	62.1	3,863	5.5	3.9	10.8	4.7	3.9	7.2
9.849	70.3	3	10:52 AM	76.8	8120	41.7	35.99	30.9	23.52	18.22	10.6	6.32	4.3	31	74.9	1.02	62.0	3,831	5.4	3.9	10.8	4.7	3.9	7.3
9.849	70.3	4	10:52 AM	76.8	8636	44.37	38.06	32.74	25	19.35	11.3	6.77	4.5	33	74.9	1.02	62.0	3,837	5.4	3.9	10.8	4.7	3.9	7.3
9.946	70.4	1	10:53 AM	75.2	6342	25.14	20.86	17.16	12.61	9.69	5.68	3.53	2.4	18	74.1	1.04	49.7	5,525	8.3	3.8	11.9	5.2	4.2	9.0
9.946	70.4	2	10:53 AM	75.2	6244	24.69	20.43	16.76	12.33	9.54	5.62	3.52	2.4	18	74.1	1.04	49.6	5,527	8.3	3.8	11.9	5.3	4.2	9.1
9.946	70.4	3	10:53 AM	75.2	8054	32.24	26.64	21.93	16.19	12.57	7.42	4.6	3.1	24	74.1	1.04	50.1	5,419	8.1	3.9	11.9	5.2	4.2	9.0
9.946	70.4	4	10:53 AM	75.2	8745	34.89	28.68	23.72	17.54	13.6	8.03	5.04	3.4	26	74.1	1.04	50.0	5,438	8.2	3.9	11.9	5.2	4.2	9.0
10.041	70.1	1	10:55 AM	77.0	6331	16.1	14.52	12.93	10.73	8.89	5.92	4.24	2.7	13	75.0	1.03	33.8	5,915	9.0	5.1	17.0	5.6	4.4	13.3
10.041	70.1	2	10:55 AM	77.0	6474	16.36	14.57	13.01	10.68	8.84	5.91	4.06	2.9	13	75.0	1.03	33.6	6,118	9.4	5.1	16.9	5.6	4.5	13.4
10.041	70.1	3	10:55 AM	77.0	8471	21.14	18.95	16.91	13.92	11.56	7.7	5.2	3.7	17	75.0	1.03	33.3	6,103	9.4	5.1	17.1	5.7	4.5	13.5
10.041	70.1	4	10:55 AM	77.0	8844	22.09	19.78	17.61	14.54	12.05	8.07	5.45	3.9	18	75.0	1.03	33.3	6,116	9.4	5.1	17.1	5.7	4.5	13.5
10.142	70.5	1	10:56 AM	77.2	6540	12.31	10.07	8.23	6.1	4.76	2.91	1.86	1.3	8.1	75.1	1.04	26.9	11,604	20.4	4.3	16.0	6.4	4.9	16.7
10.142	70.5	2	10:56 AM	77.2	6496	12.16	9.83	8.01	5.96	4.64	2.83	1.83	1.3	7.9	75.1	1.04	26.8	11,798	20.8	4.2	15.9	6.4	4.9	16.8
10.142	70.5	3	10:56 AM	77.2	8581	15.95	13.13	10.78	8.09	6.37	3.94	2.57	1.8	11	75.1	1.04	26.6	11,431	20.0	4.3	16.3	6.4	4.9	16.9
10.142	70.5	4	10:56 AM	77.2	8976	16.85	13.76	11.41	8.48	6.67	4.18	2.75	1.8	11	75.1	1.04	26.8	11,406	20.0	4.3	16.2	6.4	4.9	16.8
10.230	70.4	1	10:57 AM	77.6	6211	28.43	19.87	14.07	9.5	7.04	4.05	2.61	1.8	15	75.3	1.03	56.4	6,535	10.2	2.9	9.8	5.3	4.2	8.0
10.230	70.4	2	10:57 AM	77.6	6178	27.54	19.03	13.61	9.1	6.8	3.92	2.57	1.9	15	75.3	1.04	55.1	6,722	10.5	2.9	9.9	5.4	4.2	8.2
10.230	70.4	3	10:57 AM	77.6	8328	35.73	25.07	18.03	12.2	9.23	5.4	3.47	2.4	20	75.3	1.03	53.3	6,794	10.6	3.1	10.2	5.4	4.2	8.4
10.230	70.4	4	10:57 AM	77.6	8789	37.52	26.25	18.93	12.81	9.78	5.71	3.7	2.6	21	75.3	1.03	53.0	6,789	10.6	3.1	10.3	5.4	4.2	8.5
10.331	70.4	1	10:58 AM	77.9	6441	13.5	10.72	8.69	6.19	4.58	2.42	1.42	1	8.6	75.4	1.04	29.3	11,557	20.3	4.0	14.7	6.3	4.8	15.4
10.331	70.4	2	10:58 AM	77.9	6584	13.11	10.39	8.4	5.99	4.45	2.39	1.41	1	8.5	75.4	1.04	28.1	12,160	21.6	4.0	14.9	6.4	4.9	16.0
10.331	70.4	3	10:58 AM	77.9	8680	17.55	14.09	11.45	8.24	6.15	3.33	1.98	1.4	12	75.4	1.04	28.4	11,690	20.6	4.0	15.1	6.4	4.8	15.8
10.331	70.4	4	10:58 AM	77.9	8987	18.44	14.65	11.93	8.62	6.43	3.48	2.12	1.5	12	75.4	1.04	28.8	11,563	20.3	4.0	15.0	6.3	4.8	15.6
10.417	70.7	1	10:59 AM	78.0	6331	14.79	12.07	9.46	6.48	4.72	2.44	1.4	1	9.3	75.5	1.04	31.9	10,842	18.8	3.8	13.9	6.2	4.7	14.1
10.417	70.7	2	10:59 AM	78.0	6364	14.51	11.43	8.98	6.14	4.51	2.37	1.37	1	8.9	75.5	1.04	31.3	11,318	19.8	3.8	13.9	6.2	4.8	14.4
10.417	70.7	3	10:59 AM	78.0	8372	19.02	15.31	12.04	8.29	6	3.11	1.8	1.3	12	75.5	1.04	31.2	11,241	19.6	3.8	14.0	6.2	4.8	14.4
10.417	70.7	4	10:59 AM	78.0	8987	20.63	16.5	13.01	9	6.52	3.41	2	1.4	13	75.5	1.04	31.5	11,109	19.3	3.8	13.9	6.2	4.7	14.3
10.520	70.9	1	11:01 AM	77.5	6408	13.27	10.2	7.97	5.67	4.31	2.69	1.85	1.4	8.2	75.3	1.04	29.0	12,078	21.4	3.9	14.6	6.4	4.8	15.5
10.520	70.9	2	11:01 AM	77.5	6408	13.02	9.92	7.77	5.53	4.2	2.62	1.82	1.4	8	75.3	1.04	28.6	12,370	22.1	3.9	14.6	6.4	4.9	15.8
10.520	70.9	3	11:01 AM	77.5	8603	17.57	13.51	10.61	7.59	5.76	3.61	2.52	1.9	11	75.3	1.04	28.7	12,163	21.6	3.9	14.7	6.4	4.8	15.7
10.520	70.9	4	11:01 AM	77.5	8987	18.43	14.18	11.13	7.98	6.07	3.81	2.66	2	12	75.3	1.04	28.7	12,073	21.4	3.9	14.7	6.4	4.8	15.7
10.615	70.6	1	11:02 AM	76.8	6694	9.27	7.97	6.62	4.99	3.8	1.8	1.28	1	6.2	74.9	1.06	21.6	14,994	28.0	4.4	17.6	6.8	5.1	20.8
10.615	70.6	2	11:02 AM	76.8	6639	9.54	7.74	6.43	4.83	3.69	1.77	1.27	1	6.1	74.9	1.06	22.2	15,196	28.4	4.3	17.0	6.8	5.1	20.3
10.615	70.6	3	11:02 AM	76.8	8669	12.98	10.56	8.78	6.65	5.02	2.48	1.77	1.3	8.3	74.9	1.06	22.8	14,585	27.0	4.3	16.8	6.7	5.1	19.7

10.615	70.6	4	11:02 AM	76.8	9053	13.25	11.05	9.18	6.93	5.25	2.59	1.85	1.4	8.7	74.9	1.06	22.5	14,617	27.1	4.3	17.1	6.7	5.1	20.0
10.725	70.5	1	11:03 AM	78.7	6419	19.42	12.85	9.03	5.96	4.37	2.65	1.84	1.5	10	75.9	1.04	39.4	10,468	18.0	3.1	11.4	6.0	4.6	11.4
10.725	70.5	2	11:03 AM	78.7	6375	18.51	12.53	8.91	5.93	4.41	2.76	1.97	1.6	10	75.9	1.04	38.0	10,546	18.1	3.2	11.8	6.0	4.6	11.8
10.725	70.5	3	11:03 AM	78.7	8120	24.32	16.58	11.87	8.09	6.07	3.92	2.84	2	13	75.9	1.04	39.0	9,940	16.9	3.3	11.9	6.0	4.6	11.5
10.725	70.5	4	11:03 AM	78.7	8592	25.93	17.79	12.83	8.77	6.6	4.2	3.03	2.3	14	75.9	1.04	39.2	9,746	16.5	3.3	11.9	5.9	4.5	11.5
10.800	71.2	1	11:04 AM	79.7	6244	14.52	12.04	9.82	7.18	5.41	3	1.82	1.3	9.9	76.4	1.03	31.4	9,684	16.3	4.1	14.9	6.1	4.7	14.3
10.800	71.2	2	11:04 AM	79.7	6320	14.58	11.8	9.63	7.04	5.33	2.99	1.83	1.3	9.8	76.4	1.03	31.2	9,913	16.8	4.1	14.8	6.1	4.7	14.4
10.800	71.2	3	11:04 AM	79.7	8460	19.81	16.17	13.33	9.76	7.43	4.22	2.57	1.9	13	76.4	1.03	31.6	9,567	16.1	4.2	14.9	6.1	4.7	14.2
10.800	71.2	4	11:04 AM	79.7	8888	20.91	16.95	13.94	10.26	7.79	4.49	2.75	2	14	76.4	1.03	31.7	9,574	16.1	4.1	14.8	6.1	4.7	14.2
10.892	71.5	1	11:05 AM	78.1	6803	6.8	5.83	4.9	3.79	3.06	2.02	1.45	1.1	4.8	75.6	1.05	17.1	19,083	37.8	4.7	19.6	7.2	5.4	26.3
10.892	71.5	2	11:05 AM	78.1	6628	6.76	5.68	4.76	3.67	2.97	1.96	1.42	1.1	4.7	75.6	1.05	17.3	19,178	38.0	4.6	19.3	7.2	5.4	26.0
10.892	71.5	3	11:05 AM	78.1	8811	8.86	7.53	6.35	4.93	3.98	2.59	1.82	1.4	6.2	75.6	1.05	17.2	19,004	37.6	4.7	19.6	7.2	5.4	26.2
10.892	71.5	4	11:05 AM	78.1	9064	9.2	7.72	6.51	5.05	4.08	2.66	1.88	1.4	6.4	75.6	1.05	17.3	19,083	37.8	4.6	19.4	7.2	5.4	26.1
10.985	71.2	1	11:06 AM	76.1	6792	8.39	6.97	5.91	4.68	3.83	2.7	2.05	1.5	6.2	74.6	1.05	19.8	15,207	28.5	4.7	19.0	6.9	5.2	22.7
10.985	71.2	2	11:06 AM	76.1	6726	8.56	6.84	5.81	4.61	3.74	2.65	1.99	1.5	6.1	74.6	1.05	20.2	15,460	29.1	4.6	18.5	6.9	5.2	22.2
10.985	71.2	3	11:06 AM	76.1	8965	10.82	9.04	7.7	6.11	5.06	3.56	2.67	2	8.1	74.6	1.05	19.5	15,162	28.4	4.8	19.4	6.9	5.2	23.1
10.985	71.2	4	11:06 AM	76.1	8954	10.84	9.02	7.69	6.1	5.03	3.56	2.65	2	8	74.6	1.05	19.5	15,244	28.6	4.8	19.3	6.9	5.2	23.0
11.088	70.9	1	11:07 AM	78.1	6386	15.93	13.95	12.14	9.67	7.76	4.71	2.87	1.9	13	75.6	1.03	33.3	7,011	11.0	4.8	16.2	5.8	4.5	13.5
11.088	70.9	2	11:07 AM	78.1	6353	15.25	13.5	11.72	9.33	7.48	4.55	2.82	1.9	12	75.6	1.03	32.2	7,229	11.5	4.8	16.5	5.8	4.5	14.0
11.088	70.9	3	11:07 AM	78.1	8515	20.81	18.3	15.92	12.68	10.18	6.15	3.72	2.5	17	75.6	1.03	32.7	7,121	11.3	4.8	16.3	5.8	4.5	13.8
11.088	70.9	4	11:07 AM	78.1	8910	21.76	19.22	16.72	13.33	10.72	6.5	3.96	2.6	18	75.6	1.03	32.7	7,070	11.2	4.8	16.4	5.8	4.5	13.8
11.178	71.2	1	11:09 AM	79.1	6222	20.48	18.06	15.63	12.2	9.68	4.25	2.83	2.1	15	76.1	1.03	41.9	5,495	8.3	4.5	14.1	5.4	4.3	10.7
11.178	71.2	2	11:09 AM	79.1	6342	20.12	17.87	15.44	12.02	9.53	4.3	2.84	2.1	15	76.1	1.03	40.6	5,688	8.6	4.5	14.4	5.4	4.3	11.1
11.178	71.2	3	11:09 AM	79.1	8416	26.98	23.95	20.72	16.11	12.79	5.74	3.76	2.7	20	76.1	1.03	41.0	5,624	8.5	4.5	14.3	5.4	4.3	11.0
11.178	71.2	4	11:09 AM	79.1	8866	28.93	25.29	21.88	17.02	13.57	6.15	4.04	2.9	21	76.1	1.03	41.6	5,590	8.4	4.5	14.2	5.4	4.3	10.8
11.274	71.9	1	11:09 AM	80.0	6397	24.14	20.89	18.01	14.02	11.02	6.57	3.99	2.6	18	76.6	1.02	45.6	4,978	7.4	4.3	13.1	5.2	4.2	9.6
11.274	71.9	2	11:09 AM	80.0	6496	23.96	20.72	17.84	13.88	10.93	6.55	3.98	2.6	18	76.6	1.02	45.9	5,097	7.6	4.3	13.3	5.2	4.2	9.8
11.274	71.9	3	11:09 AM	80.0	8526	31.7	27.49	23.74	18.56	14.65	8.8	5.34	3.5	24	76.6	1.02	46.2	4,986	7.4	4.4	13.3	5.2	4.2	9.7
11.274	71.9	4	11:09 AM	80.0	8866	33.11	28.64	24.8	19.41	15.33	9.24	5.61	3.8	25	76.6	1.02	46.4	4,954	7.3	4.4	13.3	5.2	4.2	9.7
11.359	72	1	11:10 AM	77.9	6211	20.96	16.74	13.55	9.89	7.64	4.68	3.1	2.2	14	75.5	1.03	43.0	6,792	10.6	3.9	12.7	5.6	4.3	10.5
11.359	72	2	11:10 AM	77.9	6397	20.43	16.55	13.4	9.76	7.58	4.65	3.1	2.2	14	75.5	1.03	41.0	7,076	11.2	3.9	13.1	5.6	4.4	11.0
11.359	72	3	11:10 AM	77.9	8405	27.45	22.11	17.96	13.17	10.17	6.25	4.2	3	19	75.5	1.03	41.8	6,928	10.9	3.9	12.9	5.6	4.4	10.8
11.359	72	4	11:10 AM	77.9	8866	29.09	23.35	18.81	13.94	10.74	6.69	4.31	3.2	20	75.5	1.03	41.9	6,915	10.9	3.9	12.9	5.6	4.4	10.7
11.469	71.9	1	11:11 AM	80.2	6606	14.69	12.28	10.39	7.98	6.41	4.11	2.79	2.1	11	76.7	1.02	30.1	8,859	14.7	4.5	16.1	6.1	4.7	14.9
11.469	71.9	2	11:11 AM	80.2	6551	14.34	11.93	10.13	7.78	6.25	4.04	2.74	2.1	10	76.7	1.03	29.8	9,011	15.0	4.5	16.2	6.1	4.7	15.1
11.469	71.9	3	11:11 AM	80.2	8537	19.24	16.17	13.72	10.6	8.51	5.48	3.69	2.7	14	76.7	1.02	30.4	8,619	14.2	4.6	16.2	6.0	4.7	14.8
11.469	71.9	4	11:11 AM	80.2	8811	20.02	16.68	14.16	10.93	8.8	5.65	3.81	2.8	15	76.7	1.02	30.6	8,605	14.1	4.5	16.1	6.0	4.7	14.7
11.557	71.3	1	11:12 AM	78.9	6441	10.93	9.28	7.9	6.13	5.09	3.46	2.43	1.8	7.8	76.1	1.03	24.5	10,834	18.7	4.8	18.1	6.4	4.9	18.3
11.557	71.3	2	11:12 AM	78.9	6551	10.72	9.14	7.78	6.06	4.99	3.39	2.39	1.8	7.7	76.1	1.03	23.9	11,239	19.6	4.8	18.3	6.5	4.9	18.8
11.557	71.3	3	11:12 AM	78.9	8547	14.37	12.12	10.35	8.09	6.68	4.54	3.2	2.4	10	76.1	1.03	24.2	11,083	19.3	4.8	18.2	6.5	4.9	18.6
11.557	71.3	4	11:12 AM	78.9	9031	14.82	12.65	10.82	8.47	6.99	4.74	3.35	2.5	11	76.1	1.03	23.9	11,047	19.2	4.8	18.4	6.5	4.9	18.8
11.654	71.9	1	11:14 AM	80.8	6397	13.45	11.89	10.29	8.2	6.56	4.29	3	2.3	11	77.0	1.02	28.7	8,306	13.5	4.9	17.4	6.1	4.7	15.7
11.654	71.9	2	11:14 AM	80.8	6463	13.13	11.65	10.09	8.02	6.41	4.2	3	2.3	10	77.0	1.02	27.9	8,587	14.1	4.9	17.7	6.1	4.7	16.1
11.654	71.9	3	11:14 AM	80.8	8548	17.91	15.79	13.77	10.91	8.89	5.79	4.15	3.2	14	77.0	1.02	28.6	8,169	13.3	4.9	17.6	6.0	4.7	15.7
11.654	71.9	4	11:14 AM	80.8	8976	18.75	16.43	14.29	11.31	9.17	5.9	4.09	3.2	15	77.0	1.02	28.6	8,334	13.6	4.9	17.5	6.1	4.7	15.8
11.743	71.7	1	11:14 AM	81.7	6485	15.1	13.29	11.73	9.4	7.56	4.58	2.78	1.9	12	77.5	1.02	31.1	7,278	11.6	4.9	17.1	5.9	4.6	14.5
11.743	71.7	2	11:14 AM	81.7	6430	14.64	12.85	11.33	9.05	7.3	4.45	2.75	1.9	11	77.5	1.02	30.5	7,479	11.9	4.9	17.2	5.9	4.6	14.8

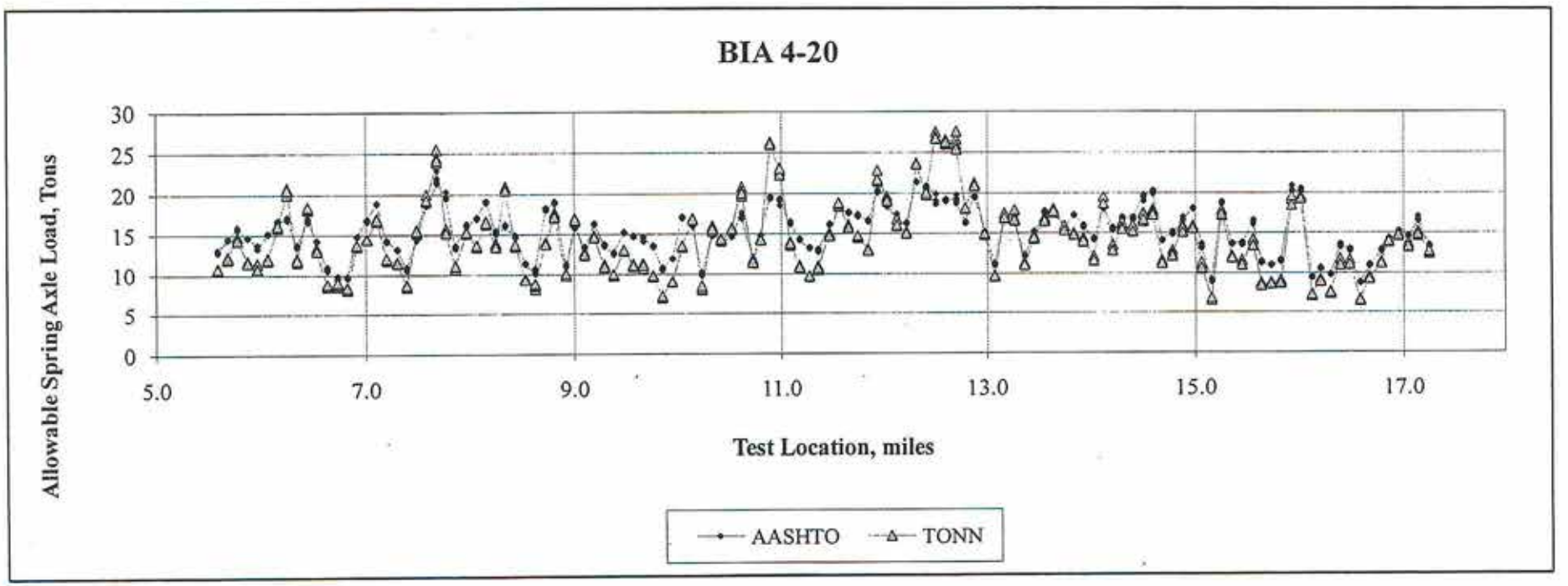
11.743	71.7	3	11:14 AM	81.7	8526	19.52	17.22	15.22	12.2	9.85	6.02	3.72	2.5	15	77.5	1.02	30.6	7,335	11.7	5.0	17.2	5.9	4.6	14.7
11.743	71.7	4	11:14 AM	81.7	8833	20.11	17.85	15.76	12.65	10.21	6.25	3.88	2.6	16	77.5	1.02	30.5	7,324	11.6	5.0	17.3	5.9	4.6	14.8
11.844	72.2	1	11:16 AM	81.8	6255	16.86	15.09	13.34	10.75	8.88	5.69	3.5	2.3	14	77.6	1.01	34.9	5,920	9.0	5.0	16.5	5.6	4.4	12.9
11.844	72.2	2	11:16 AM	81.8	6353	16.78	14.75	13.03	10.46	8.66	5.58	3.44	2.2	13	77.6	1.02	34.4	6,192	9.5	5.0	16.5	5.6	4.4	13.1
11.844	72.2	3	11:16 AM	81.8	8383	22.34	19.95	17.66	14.37	11.87	7.67	4.81	3.1	18	77.6	1.01	34.6	5,924	9.0	5.0	16.6	5.6	4.4	13.0
11.844	72.2	4	11:16 AM	81.8	8855	23.87	21.12	18.68	15.19	12.58	8.16	5.11	3.3	19	77.6	1.01	34.9	5,915	9.0	5.0	16.5	5.6	4.4	12.9
11.935	72.1	1	11:17 AM	80.6	6672	9.04	7.67	6.73	5.49	4.67	3.31	2.44	1.8	6.8	77.0	1.03	20.6	12,055	21.4	5.2	20.4	6.7	5.1	21.8
11.935	72.1	2	11:17 AM	80.6	6715	9.29	7.69	6.76	5.52	4.7	3.34	2.48	1.9	6.8	77.0	1.03	20.9	12,102	21.5	5.1	20.1	6.7	5.1	21.5
11.935	72.1	3	11:17 AM	80.6	8789	11.97	10.1	8.9	7.3	6.2	4.4	3.21	2.4	9	77.0	1.03	20.7	11,956	21.1	5.2	20.5	6.7	5.1	21.7
11.935	72.1	4	11:17 AM	80.6	8976	11.42	10.33	9.12	7.48	6.37	4.53	3.32	2.5	9.2	77.0	1.03	19.7	11,669	20.5	5.4	21.7	6.7	5.1	22.8
12.028	73.3	1	11:18 AM	80.2	6529	10.67	9.19	7.85	6.07	4.9	3.05	1.93	1.3	7.9	76.8	1.03	23.8	11,420	20.0	4.8	18.2	6.5	4.9	18.9
12.028	73.3	2	11:18 AM	80.2	6617	10.29	9	7.7	5.98	4.83	3.04	1.96	1.3	7.8	76.8	1.03	22.9	11,719	20.6	4.8	18.7	6.6	5.0	19.7
12.028	73.3	3	11:18 AM	80.2	8691	13.91	12.16	10.39	8.12	6.6	4.15	2.63	1.9	10	76.8	1.03	23.4	11,252	19.6	4.9	18.7	6.5	4.9	19.3
12.028	73.3	4	11:18 AM	80.2	9009	14.65	12.62	10.76	8.47	6.67	4.33	2.76	2	11	76.8	1.03	23.7	11,219	19.6	4.8	18.5	6.5	4.9	19.0
12.123	73.6	1	11:20 AM	83.6	6496	13.34	11.48	9.78	7.47	5.83	3.44	2.08	1.4	9.8	78.5	1.01	27.9	9,578	16.1	4.6	16.8	6.2	4.8	16.1
12.123	73.6	2	11:20 AM	83.6	6551	12.79	11.28	9.59	7.33	5.76	3.39	2.07	1.4	9.6	78.5	1.01	26.8	9,761	16.5	4.7	17.4	6.3	4.8	16.8
12.123	73.6	3	11:20 AM	83.6	8636	17.97	15.18	12.96	9.96	7.85	4.67	2.85	2	13	78.5	1.01	28.2	9,457	15.9	4.6	16.8	6.2	4.7	16.0
12.123	73.6	4	11:20 AM	83.6	8998	18.57	15.83	13.5	10.39	8.18	4.89	3	2.1	14	78.5	1.01	28.0	9,452	15.9	4.6	16.9	6.2	4.7	16.1
12.218	73.7	1	11:21 AM	82.9	6463	14.53	12.31	10.42	7.97	6.24	3.67	2.24	1.5	11	78.2	1.01	30.1	8,850	14.6	4.5	16.2	6.1	4.7	15.0
12.218	73.7	2	11:21 AM	82.9	6562	14.33	12.12	10.25	7.89	6.15	3.63	2.24	1.6	11	78.2	1.01	29.4	9,117	15.2	4.6	16.3	6.1	4.7	15.3
12.218	73.7	3	11:21 AM	82.9	8603	19.23	16.27	13.8	10.6	8.32	4.93	3.1	2.2	15	78.2	1.01	29.9	8,891	14.7	4.5	16.2	6.1	4.7	15.0
12.218	73.7	4	11:21 AM	82.9	8932	20.02	16.92	14.37	11.07	8.68	5.18	3.23	2.2	16	78.2	1.01	30.0	8,848	14.6	4.6	16.2	6.1	4.7	15.0
12.315	74.7	1	11:22 AM	84.5	6573	8.19	7.35	6.46	5.21	4.3	2.83	1.88	1.4	6.4	79.0	1.01	19.1	12,855	23.1	5.3	21.4	6.8	5.2	23.5
12.315	74.7	2	11:22 AM	84.5	6704	8.24	7.28	6.42	5.16	4.28	2.81	1.93	1.4	6.4	79.0	1.01	18.9	13,204	23.9	5.3	21.3	6.8	5.2	23.7
12.315	74.7	3	11:22 AM	84.5	8734	10.85	9.65	8.54	6.9	5.7	3.76	2.52	1.8	8.5	79.0	1.01	19.1	12,886	23.2	5.3	21.4	6.8	5.2	23.6
12.315	74.7	4	11:22 AM	84.5	9151	11.41	10.17	8.96	7.24	6	3.95	2.67	1.9	8.9	79.0	1.01	19.1	12,823	23.1	5.3	21.4	6.8	5.2	23.5
12.411	74.5	1	11:23 AM	85.1	6408	10.22	8.94	7.9	6.43	5.43	3.72	2.59	1.8	8	79.3	1.01	22.8	9,899	16.8	5.3	20.3	6.4	4.9	19.7
12.411	74.5	2	11:23 AM	85.1	6584	10.27	9.1	8.02	6.57	5.54	3.83	2.65	1.9	8.2	79.3	1.01	22.4	9,932	16.8	5.4	20.6	6.4	4.9	20.1
12.411	74.5	3	11:23 AM	85.1	8658	13.37	12.02	10.6	8.74	7.37	5.09	3.56	2.5	11	79.3	1.01	22.3	9,761	16.5	5.4	20.9	6.4	4.9	20.2
12.411	74.5	4	11:23 AM	85.1	9009	14.1	12.53	11.08	9.15	7.7	5.31	3.72	2.6	11	79.3	1.01	22.5	9,747	16.5	5.4	20.7	6.4	4.9	20.0
12.505	74.1	1	11:24 AM	84.8	6474	5.39	5.48	4.44	3.43	2.73	1.69	1.11	0.8	4.5	79.2	1.01	16.3	20,258	40.7	4.7	19.9	7.3	5.5	27.5
12.505	74.1	2	11:24 AM	84.8	6562	6.69	5.29	4.26	3.28	2.62	1.63	1.06	0.8	4.3	79.2	1.01	16.7	21,195	43.1	4.5	19.0	7.3	5.5	27.0
12.505	74.1	3	11:24 AM	84.8	8669	8.94	7.06	5.7	4.23	3.33	2.09	1.36	1	5.7	79.2	1.01	16.8	21,843	44.7	4.4	18.6	7.3	5.5	26.7
12.505	74.1	4	11:24 AM	84.8	9097	9.41	7.39	5.99	4.44	3.48	2.19	1.42	1	6	79.2	1.01	16.9	21,903	44.9	4.4	18.5	7.3	5.5	26.7
12.601	74.6	1	11:25 AM	85.9	6518	7.02	5.69	4.68	3.51	2.83	1.78	1.15	0.6	4.7	79.7	1.00	17.2	19,568	39.0	4.6	19.3	7.2	5.4	26.2
12.601	74.6	2	11:25 AM	85.9	6551	6.9	5.49	4.49	3.39	2.7	1.68	1.1	0.7	4.5	79.7	1.00	17.0	20,530	41.4	4.5	19.1	7.2	5.5	26.5
12.601	74.6	3	11:25 AM	85.9	8822	9.58	7.75	6.38	4.82	3.71	2.28	1.47	0.9	6.4	79.7	1.00	17.3	20,089	40.3	4.5	18.9	7.2	5.4	26.0
12.601	74.6	4	11:25 AM	85.9	8965	9.61	7.91	6.52	4.88	3.84	2.33	1.52	0.9	6.5	79.7	1.00	17.2	19,812	39.6	4.6	19.2	7.2	5.4	26.2
12.705	74.2	1	11:26 AM	86.1	6715	7.07	5.91	4.89	3.63	2.82	1.71	1.07	0.7	4.8	79.8	1.00	16.9	20,204	40.6	4.6	19.3	7.2	5.5	26.6
12.705	74.2	2	11:26 AM	86.1	6781	6.76	5.85	4.85	3.59	2.81	1.71	1.09	0.8	4.8	79.8	1.00	16.3	20,571	41.5	4.6	19.8	7.3	5.5	27.6
12.705	74.2	3	11:26 AM	86.1	8811	9.64	8	6.44	4.81	3.76	2.3	1.46	1	6.3	79.8	1.00	17.4	19,819	39.6	4.5	19.0	7.2	5.4	25.9
12.705	74.2	4	11:26 AM	86.1	9020	10.16	8.2	6.59	4.9	3.84	2.37	1.5	1	6.5	79.8	1.00	17.7	19,762	39.5	4.4	18.6	7.2	5.4	25.4
12.792	74.3	1	11:27 AM	87.0	6562	11.86	9.46	7.61	5.48	4.15	2.45	1.61	1.2	7.7	80.3	1.00	24.9	13,092	23.7	4.2	16.3	6.6	5.0	18.1
12.792	74.3	2	11:27 AM	87.0	6496	11.8	9.26	7.45	5.37	4.09	2.41	1.61	1.2	7.6	80.3	1.00	25.0	13,121	23.7	4.2	16.2	6.6	5.0	18.0
12.792	74.3	3	11:27 AM	87.0	8548	15.47	12.26	9.91	7.2	5.47	3.25	2.15	1.6	10	80.3	1.00	24.9	12,970	23.4	4.3	16.4	6.6	5.0	18.1
12.792	74.3	4	11:27 AM	87.0	8965	16.19	12.9	10.44	7.59	5.78	3.43	2.28	1.7	11	80.3	1.00	24.9	12,901	23.2	4.3	16.4	6.5	5.0	18.1
12.879	74.6	1	11:29 AM	86.4	6551	9.52	8.01	6.83	5.42	4.51	3.14	2.26	1.7	6.8	80.0	1.00	21.2	12,414	22.1	5.0	19.7	6.7	5.1	21.3

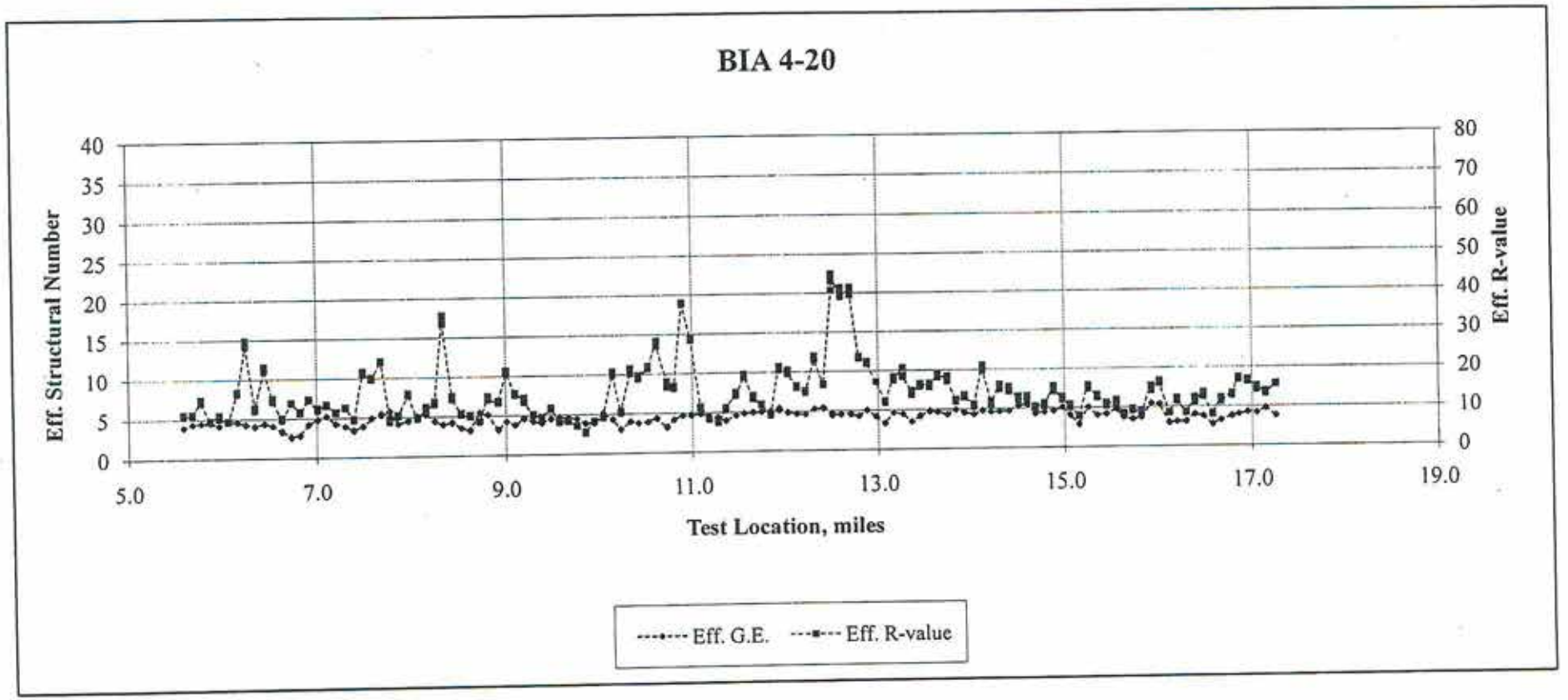
12.879	74.6	2	11:29 AM	86.4	6683	9.75	8.05	6.87	5.47	4.56	3.19	2.3	1.7	6.9	80.0	1.00	21.2	12,541	22.4	5.0	19.5	6.7	5.1	21.2
12.879	74.6	3	11:29 AM	86.4	8833	13.01	10.78	9.21	7.34	6.09	4.25	3.05	2.3	9.3	80.0	1.00	21.4	12,411	22.1	5.0	19.5	6.7	5.1	21.1
12.879	74.6	4	11:29 AM	86.4	9009	13.39	11.03	9.42	7.51	6.25	4.35	3.12	2.3	9.5	80.0	1.00	21.5	12,337	22.0	4.9	19.4	6.6	5.0	20.9
12.977	74	1	11:30 AM	78.7	6386	14.02	11.58	9.32	6.82	5.3	3.27	2.31	1.8	9.3	76.1	1.03	30.0	10,138	17.3	4.2	15.2	6.2	4.7	15.0
12.977	74	2	11:30 AM	78.7	6474	14.48	11.5	9.31	6.82	5.35	3.35	2.35	1.8	9.3	76.1	1.03	30.5	10,138	17.3	4.1	15.0	6.2	4.7	14.8
12.977	74	3	11:30 AM	78.7	8581	18.98	15.48	12.5	9.21	7.18	4.46	3.13	2.4	13	76.1	1.03	30.2	10,056	17.1	4.2	15.2	6.2	4.7	14.9
12.977	74	4	11:30 AM	78.7	8976	19.8	16.16	13.07	9.64	7.5	4.64	3.28	2.5	13	76.1	1.03	30.1	10,073	17.1	4.2	15.2	6.2	4.7	14.9
13.075	74.3	1	11:31 AM	86.5	6266	24.33	15.59	11.2	7.81	6.12	3.87	2.72	2.1	13	80.1	1.00	47.1	7,630	12.2	3.2	11.0	5.6	4.3	9.6
13.075	74.3	2	11:31 AM	86.5	6211	23.54	15.44	11.17	7.8	6.15	3.9	2.75	2.1	13	80.1	1.00	46.1	7,636	12.2	3.3	11.3	5.6	4.3	9.8
13.075	74.3	3	11:31 AM	86.5	8197	31.91	21.01	15.32	10.76	8.43	5.33	3.77	2.9	17	80.1	1.00	47.2	7,382	11.8	3.3	11.2	5.6	4.3	9.5
13.075	74.3	4	11:31 AM	86.5	8767	33.72	22.56	16.46	11.66	9.07	5.76	4.04	3.1	19	80.1	1.00	46.7	7,387	11.8	3.3	11.3	5.6	4.3	9.6
13.168	73.9	1	11:33 AM	85.2	6430	12.16	9.95	8.2	6.32	5.16	3.44	2.46	1.9	8.3	79.5	1.00	26.0	10,640	18.3	4.6	17.2	6.4	4.9	17.3
13.168	73.9	2	11:33 AM	85.2	6353	11.88	9.76	8.12	6.25	5.11	3.41	2.46	1.9	8.2	79.5	1.00	25.7	10,693	18.4	4.6	17.4	6.4	4.9	17.5
13.168	73.9	3	11:33 AM	85.2	8493	16.64	13.43	11.19	8.65	7.09	4.72	3.4	2.6	11	79.5	1.00	26.7	10,231	17.5	4.6	17.1	6.3	4.8	16.9
13.168	73.9	4	11:33 AM	85.2	8636	16.83	13.62	11.34	8.79	7.16	4.8	3.43	2.6	11	79.5	1.00	26.6	10,273	17.6	4.6	17.1	6.3	4.8	16.9
13.266	75.8	1	11:39 AM	87.3	7045	13.04	10.32	8.45	6.37	5.04	3.26	2.31	1.8	8.9	80.6	0.99	25.3	11,804	20.8	4.5	16.9	6.5	4.9	17.8
13.266	75.8	2	11:39 AM	87.3	6858	12.63	10.08	8.24	6.25	4.91	3.19	2.28	1.8	8.7	80.6	0.99	25.2	11,807	20.8	4.5	16.9	6.5	4.9	17.9
13.266	75.8	3	11:39 AM	87.3	8636	17.2	13.66	11.19	8.51	6.72	4.39	3.13	2.4	12	80.6	0.99	26.8	10,871	18.8	4.4	16.5	6.3	4.8	16.8
13.266	75.8	4	11:39 AM	87.3	8767	17.74	14.08	11.61	8.82	6.95	4.56	3.13	2.5	12	80.6	0.99	27.1	10,676	18.4	4.4	16.5	6.3	4.8	16.6
13.361	75.2	1	11:41 AM	82.0	6441	20.65	14.96	11.42	7.64	5.66	3.33	2.27	1.7	11	78.0	1.02	40.6	8,756	14.4	3.4	12.1	5.8	4.5	11.1
13.361	75.2	2	11:41 AM	82.0	6397	19.93	14.45	11.08	7.56	5.56	3.34	2.3	1.8	11	78.0	1.02	39.6	8,908	14.7	3.5	12.3	5.9	4.5	11.4
13.361	75.2	3	11:41 AM	82.0	8394	27.11	19.78	15.28	10.49	7.74	4.64	3.17	2.5	15	78.0	1.02	40.8	8,464	13.9	3.5	12.2	5.8	4.5	11.0
13.361	75.2	4	11:41 AM	82.0	8921	28.78	20.99	16.22	11.14	8.27	4.93	3.38	2.6	16	78.0	1.02	40.8	8,437	13.8	3.5	12.2	5.8	4.5	11.0
13.451	76	1	11:42 AM	85.5	6485	15.67	13.42	11.68	6.9	5.48	3.43	2.35	1.7	10	79.7	1.00	31.5	9,797	16.6	4.1	14.8	6.1	4.7	14.3
13.451	76	2	11:42 AM	85.5	6255	14.61	12.68	11.03	6.7	5.32	3.38	2.31	1.7	9.7	79.7	1.00	30.7	9,821	16.6	4.2	15.1	6.1	4.7	14.7
13.451	76	3	11:42 AM	85.5	8394	19.75	17.19	14.96	9.35	7.41	4.72	3.26	2.4	13	79.7	1.00	30.8	9,518	16.0	4.3	15.3	6.1	4.7	14.6
13.451	76	4	11:42 AM	85.5	8954	21.36	18.34	15.93	10.06	8	5.11	3.51	2.6	14	79.7	1.00	31.2	9,401	15.7	4.2	15.2	6.1	4.7	14.4
13.553	75.1	1	11:43 AM	84.6	6518	12.81	10.58	8.91	6.92	5.68	3.83	2.69	2	9	79.3	1.01	26.8	9,858	16.7	4.7	17.3	6.3	4.8	16.8
13.553	75.1	2	11:43 AM	84.6	6529	12.7	10.54	8.9	6.92	5.71	3.88	2.72	2	9	79.3	1.01	26.6	9,815	16.6	4.7	17.5	6.3	4.8	16.9
13.553	75.1	3	11:43 AM	84.6	8570	16.9	14.42	12.23	9.56	7.88	5.34	3.77	2.8	12	79.3	1.01	26.8	9,310	15.6	4.8	17.7	6.2	4.8	16.8
13.553	75.1	4	11:43 AM	84.6	8954	18.06	15.09	12.8	10.01	8.24	5.61	3.95	3	13	79.3	1.01	27.3	9,318	15.6	4.8	17.4	6.2	4.8	16.5
13.638	73.9	1	11:44 AM	88.5	6518	12.2	9.92	8.21	6.27	5.06	3.38	2.38	1.8	8.2	81.3	0.99	25.4	10,978	19.0	4.6	17.4	6.4	4.9	17.7
13.638	73.9	2	11:44 AM	88.5	6551	12.04	9.81	8.15	6.23	5.06	3.39	2.39	1.8	8.1	81.3	0.99	25.0	11,046	19.2	4.7	17.6	6.4	4.9	18.0
13.638	73.9	3	11:44 AM	88.5	8570	16.34	13.36	11.13	8.56	6.93	4.64	3.3	2.5	11	81.3	0.99	25.7	10,559	18.2	4.7	17.5	6.4	4.9	17.5
13.638	73.9	4	11:44 AM	88.5	8965	16.66	13.98	11.67	8.98	7.26	4.86	3.44	2.6	12	81.3	0.99	25.5	10,620	18.3	4.7	17.6	6.4	4.9	17.7
13.743	74.8	1	11:45 AM	86.6	6573	14.03	11.24	9.12	6.69	5.18	3.2	2.17	1.7	9.1	80.3	1.00	28.4	10,629	18.3	4.3	15.8	6.3	4.8	15.9
13.743	74.8	2	11:45 AM	86.6	6617	14.03	11.19	9.13	6.68	5.16	3.22	2.22	1.7	9	80.3	1.00	28.2	10,733	18.5	4.3	15.8	6.3	4.8	16.0
13.743	74.8	3	11:45 AM	86.6	8504	18.93	15.22	12.46	9.17	7.12	4.4	2.99	2.3	12	80.3	1.00	29.3	10,040	17.1	4.3	15.7	6.2	4.7	15.3
13.743	74.8	4	11:45 AM	86.6	8833	19.7	15.76	12.93	9.55	7.37	4.57	3.1	2.4	13	80.3	1.00	29.4	10,065	17.1	4.3	15.6	6.2	4.7	15.3
13.834	75.8	1	11:46 AM	86.0	6617	15.04	13.17	11.38	9.05	7.27	4.45	2.87	2.1	11	80.1	1.00	29.9	7,761	12.5	4.9	17.2	6.0	4.6	15.0
13.834	75.8	2	11:46 AM	86.0	6485	14.93	13.05	11.3	8.98	7.22	4.44	2.88	2.1	11	80.1	1.00	30.2	7,659	12.3	4.9	17.2	5.9	4.6	14.9
13.834	75.8	3	11:46 AM	86.0	8559	19.92	17.47	15.15	12.03	9.72	5.94	3.83	2.7	15	80.1	1.00	30.5	7,499	12.0	4.9	17.2	5.9	4.6	14.8
13.834	75.8	4	11:46 AM	86.0	8965	20.88	18.31	15.89	12.67	10.2	6.25	4.02	2.9	16	80.1	1.00	30.5	7,484	11.9	4.9	17.2	5.9	4.6	14.7
13.925	76.9	1	11:47 AM	87.1	6584	15.87	13.44	11.17	8.58	6.76	4.27	2.98	2.3	11	80.6	1.00	31.2	8,318	13.6	4.6	16.0	6.0	4.6	14.4
13.925	76.9	2	11:47 AM	87.1	6430	15.98	13.18	10.98	8.44	6.69	4.24	2.99	2.3	11	80.6	1.00	32.0	8,198	13.3	4.5	15.7	6.0	4.6	14.0
13.925	76.9	3	11:47 AM	87.1	8383	21.09	17.68	14.74	11.33	8.98	5.7	3.99	3	15	80.6	1.00	32.4	7,973	12.9	4.5	15.7	5.9	4.6	13.9
13.925	76.9	4	11:47 AM	87.1	8800	22.02	18.5	15.41	11.86	9.41	6.01	4.19	3.2	15	80.6	1.00	32.2	7,989	12.9	4.5	15.8	5.9	4.6	14.0

14.026	75.6	1	11:48 AM	88.0	6540	19.44	16.27	13.54	10.06	7.86	4.75	3.12	2.3	14	80.1	1.00	37.4	7,072	11.2	4.3	14.3	5.7	4.4	12.0
14.026	75.6	2	11:48 AM	86.0	6496	19.15	15.99	13.33	9.94	7.78	4.75	3.15	2.3	13	80.1	1.00	37.1	7,100	11.2	4.3	14.4	5.7	4.4	12.1
14.026	75.6	3	11:48 AM	86.0	8328	25.91	21.61	18.04	13.49	10.56	6.41	4.22	3.1	18	80.1	1.00	38.8	6,709	10.5	4.3	14.1	5.6	4.4	11.6
14.026	75.6	4	11:48 AM	86.0	8811	27.33	22.81	19.06	14.27	11.18	6.79	4.45	3.3	19	80.1	1.00	38.7	6,707	10.5	4.3	14.1	5.6	4.4	11.6
14.119	76.8	1	11:49 AM	88.0	6880	11.37	9.01	7.54	5.89	4.93	3.45	2.51	1.9	8.8	81.1	0.99	23.1	12,000	21.2	4.8	18.3	6.6	5.0	19.5
14.119	76.8	2	11:49 AM	88.0	6792	11.19	8.89	7.43	5.81	4.9	3.49	2.6	1.8	8.7	81.1	0.99	23.0	11,915	21.1	4.8	18.4	6.6	5.0	19.5
14.119	76.8	3	11:49 AM	88.0	6691	15.24	12	10.06	7.81	6.57	4.61	3.39	2.4	12	81.1	0.99	24.2	11,376	19.9	4.7	18.0	6.5	4.9	18.6
14.119	76.8	4	11:49 AM	88.0	9009	15.78	12.42	10.41	8.1	6.79	4.77	3.46	2.6	12	81.1	0.99	24.1	11,411	20.0	4.7	17.9	6.5	4.9	18.6
14.209	77.3	1	11:52 AM	91.2	7023	18.54	15.59	13.22	10.09	7.96	4.7	2.85	2	14	82.8	0.98	33.2	7,539	12.1	4.6	15.7	5.9	4.5	13.6
14.209	77.3	2	11:52 AM	91.2	6814	18.18	15.28	12.99	9.94	7.84	4.64	2.85	2	13	82.8	0.98	33.5	7,475	11.9	4.6	15.7	5.8	4.5	13.4
14.209	77.3	3	11:52 AM	91.2	8745	24.52	20.73	17.66	13.57	10.76	6.38	3.91	2.7	18	82.8	0.98	34.9	6,985	11.0	4.6	15.4	5.7	4.5	12.9
14.209	77.3	4	11:52 AM	91.2	6811	24.99	21.21	18.07	13.72	10.94	6.72	3.9	2.8	19	82.8	0.98	35.3	6,923	10.9	4.6	15.3	5.7	4.5	12.8
14.299	74.9	1	11:54 AM	89.8	6573	13.93	11.41	9.63	7.34	5.85	3.78	2.64	2	9.8	82.1	0.98	27.8	9,586	16.1	4.6	16.9	6.2	4.8	16.2
14.299	74.9	2	11:54 AM	89.8	6606	13.87	11.41	9.65	7.39	5.84	3.81	2.62	2	9.8	82.1	0.98	27.6	9,652	16.3	4.6	17.0	6.2	4.8	16.3
14.299	74.9	3	11:54 AM	89.8	8449	18.53	15.48	13.13	10.12	8.01	5.22	3.68	2.8	13	82.1	0.98	28.6	9,071	15.1	4.7	16.8	6.1	4.7	15.7
14.299	74.9	4	11:54 AM	89.8	8844	19.76	16.38	13.84	10.69	8.5	5.52	3.83	2.9	14	82.1	0.98	29.0	8,949	14.8	4.6	16.7	6.1	4.7	15.5
14.402	76.4	1	11:55 AM	91.8	6836	14.88	12.37	10.31	7.79	6.28	4.09	2.91	2.3	9.9	83.2	0.98	28.2	9,291	15.5	4.7	16.9	6.2	4.7	16.0
14.402	76.4	2	11:55 AM	91.8	6650	14.49	12.1	10.09	7.65	6.17	4.04	2.89	2.2	9.7	83.2	0.98	28.2	9,204	15.3	4.7	16.9	6.2	4.7	15.9
14.402	76.4	3	11:55 AM	91.8	8427	19.49	16.21	13.54	10.29	8.3	5.44	3.88	3	13	83.2	0.98	29.6	8,671	14.3	4.7	16.6	6.1	4.7	15.2
14.402	76.4	4	11:55 AM	91.8	8987	20.71	17.35	14.5	11.05	8.91	5.83	4.17	3.2	14	83.2	0.98	29.6	8,675	14.3	4.7	16.6	6.1	4.7	15.2
14.502	75.3	1	11:56 AM	90.4	6814	13.09	11.94	10.57	8.63	7.12	4.63	2.99	2.1	11	82.5	0.98	25.7	7,982	12.9	5.4	19.8	6.1	4.7	17.5
14.502	75.3	2	11:56 AM	90.4	6792	13.19	11.77	10.46	8.5	7.06	4.6	3.01	2.1	11	82.5	0.98	25.9	8,056	13.1	5.4	19.6	6.1	4.7	17.4
14.502	75.3	3	11:56 AM	90.4	8647	17.97	15.75	13.96	11.45	9.44	6.15	4.01	2.8	14	82.5	0.98	27.4	7,702	12.4	5.3	18.9	6.0	4.7	16.4
14.502	75.3	4	11:56 AM	90.4	9020	18.37	16.44	14.63	11.79	9.96	6.44	4.22	2.9	15	82.5	0.98	26.9	7,559	12.1	5.4	19.4	6.0	4.7	16.7
14.595	75.9	1	11:57 AM	92.6	6891	12.98	11.63	10.39	8.5	7.12	4.69	3.09	2.2	10	83.6	0.97	25.1	8,053	13.1	5.5	20.2	6.1	4.8	17.9
14.595	75.9	2	11:57 AM	92.6	6825	12.99	11.52	10.26	8.42	7.04	4.67	3.09	2.2	10	83.6	0.97	25.3	8,093	13.1	5.4	20.0	6.1	4.7	17.8
14.595	75.9	3	11:57 AM	92.6	8669	16.72	15.44	13.76	11.28	9.42	6.17	4.03	2.8	14	83.6	0.98	25.6	7,597	12.2	5.5	20.3	6.1	4.7	17.6
14.595	75.9	4	11:57 AM	92.6	8932	17.67	15.94	14.2	11.71	9.73	6.37	4.15	2.9	14	83.6	0.98	26.1	7,630	12.2	5.5	19.9	6.1	4.7	17.2
14.682	77	1	11:58 AM	93.3	6628	21.11	17.64	14.71	10.8	8.31	5.02	3.37	2.5	15	84.0	0.97	38.6	6,754	10.6	4.3	14.2	5.6	4.4	11.7
14.682	77	2	11:58 AM	93.3	6474	21.05	17.17	14.35	10.59	8.2	5	3.39	2.5	14	84.0	0.97	39.3	6,676	10.4	4.2	14.0	5.6	4.4	11.4
14.682	77	3	11:58 AM	93.3	8241	27.28	22.78	19.07	14.16	10.99	6.69	4.43	3.3	19	84.0	0.97	39.9	6,370	9.8	4.3	14.0	5.5	4.4	11.3
14.682	77	4	11:58 AM	93.3	8877	29.42	24.43	20.47	15.2	11.81	7.19	4.76	3.6	20	84.0	0.97	40.0	6,383	9.9	4.3	14.0	5.5	4.4	11.3
14.781	76	1	12:01 PM	90.5	6584	18.46	15.79	13.26	10.06	7.83	4.58	2.89	2.1	13	82.6	0.98	34.9	7,179	11.4	4.5	15.2	5.8	4.5	12.9
14.781	76	2	12:01 PM	90.5	6408	18.67	15.55	13.13	10	7.79	4.57	2.89	2.1	13	82.6	0.98	36.1	7,014	11.1	4.4	14.9	5.7	4.5	12.5
14.781	76	3	12:01 PM	90.5	8219	24.67	20.8	17.49	13.44	10.48	6.11	3.9	2.9	18	82.6	0.98	37.0	6,697	10.5	4.5	14.8	5.7	4.4	12.1
14.781	76	4	12:01 PM	90.5	8899	26.81	22.53	18.99	14.58	11.37	6.65	4.24	3.1	19	82.6	0.98	37.2	6,683	10.4	4.5	14.8	5.7	4.4	12.1
14.880	77.7	1	12:02 PM	95.6	6672	14.74	12.23	10.16	7.71	6.11	3.86	2.68	2	10	85.2	0.96	28.1	9,305	15.6	4.7	17.0	6.2	4.7	16.0
14.880	77.7	2	12:02 PM	95.6	6650	15.11	12.15	10.09	7.68	6.1	3.87	2.69	2	10	85.2	0.96	28.7	9,263	15.5	4.6	16.6	6.2	4.7	15.7
14.880	77.7	3	12:02 PM	95.6	8405	19.85	16.44	13.67	10.37	8.3	5.32	3.71	2.8	14	85.2	0.96	29.7	8,637	14.2	4.7	16.6	6.1	4.7	15.2
14.880	77.7	4	12:02 PM	95.6	8888	21.11	17.47	14.48	10.93	8.79	5.64	3.91	3	15	85.2	0.96	29.8	8,621	14.2	4.6	16.5	6.1	4.7	15.1
14.975	77.7	1	12:03 PM	94.8	6617	14.63	12.75	11.12	8.8	7.12	4.43	2.85	2	11	84.8	0.97	28.2	7,918	12.8	5.1	18.1	6.0	4.7	15.9
14.975	77.7	2	12:03 PM	94.8	6364	14.35	12.41	10.8	8.57	6.96	4.34	2.82	2	11	84.8	0.97	28.7	7,794	12.5	5.0	17.9	6.0	4.7	15.7
14.975	77.7	3	12:03 PM	94.8	8361	18.96	16.78	14.56	11.6	9.39	5.89	3.39	2.4	15	84.8	0.97	28.9	7,568	12.1	5.1	18.1	6.0	4.6	15.6
14.975	77.7	4	12:03 PM	94.8	8800	19.95	17.6	15.28	12.19	9.86	6.17	3.52	2.5	15	84.8	0.97	28.8	7,588	12.1	5.1	18.0	6.0	4.6	15.6
15.060	76.5	1	12:05 PM	92.9	6584	21.98	17.85	14.75	10.61	8.02	4.41	2.68	2	15	83.9	0.97	40.1	6,860	10.8	4.1	13.5	5.6	4.4	11.2
15.060	76.5	2	12:05 PM	92.9	6419	21.11	17.11	14.17	10.21	7.7	4.22	2.7	2	14	83.9	0.97	39.6	6,966	11.0	4.1	13.6	5.6	4.4	11.4
15.060	76.5	3	12:05 PM	92.9	8131	28.98	23.11	19.11	13.8	10.43	5.7	3.6	2.7	19	83.9	0.97	42.5	6,496	10.1	4.0	13.1	5.5	4.3	10.6

15.060	76.5	4	12:05 PM	92.9	8713	30.71	24.73	20.49	14.83	11.2	6.13	3.83	2.9	21	83.9	0.97	42.1	6,500	10.1	4.1	13.2	5.5	4.3	10.7
15.155	77.3	1	12:06 PM	94.7	6057	36.91	25.35	17.76	11.19	8.17	4.38	2.94	2.3	19	84.8	0.97	68.4	5,247	7.8	2.8	8.6	5.0	4.0	6.6
15.155	77.3	2	12:06 PM	94.7	6079	35.31	24.69	17.5	11.15	8.16	4.43	2.96	2.3	18	84.8	0.97	65.4	5,368	8.0	2.9	9.1	5.0	4.0	6.9
15.155	77.3	3	12:06 PM	94.7	8054	46.88	33.25	23.77	15.26	11.19	6.15	3.94	3.1	25	84.8	0.97	65.6	5,255	7.8	2.9	9.2	5.0	4.0	6.9
15.155	77.3	4	12:06 PM	94.7	8702	50.5	35.98	25.78	16.72	12.09	6.5	4.4	3.5	27	84.8	0.97	65.4	5,261	7.9	2.9	9.2	5.0	4.0	6.9
15.252	77.2	1	12:07 PM	92.8	6748	12.91	11.09	9.6	7.63	6.13	3.92	2.61	1.9	9.9	83.9	0.97	25.3	9,407	15.8	5.0	18.7	6.3	4.8	17.8
15.252	77.2	2	12:07 PM	92.8	6606	12.61	10.92	9.43	7.52	6.07	3.93	2.65	1.9	9.8	83.9	0.97	25.3	9,284	15.5	5.1	18.9	6.3	4.8	17.8
15.252	77.2	3	12:07 PM	92.8	8504	16.98	14.55	12.58	10.05	8.15	5.19	3.41	2.6	13	83.9	0.97	26.2	8,905	14.7	5.1	18.5	6.2	4.8	17.2
15.252	77.2	4	12:07 PM	92.8	8888	17.61	15.16	13.08	10.45	8.44	5.4	3.5	2.7	14	83.9	0.97	26.0	8,989	14.9	5.1	18.6	6.2	4.8	17.3
15.349	77.2	1	12:08 PM	94.0	6375	19.81	15.19	11.93	8.45	6.43	3.93	2.73	2.1	13	84.5	0.97	37.5	8,053	13.0	3.9	13.5	5.8	4.5	12.0
15.349	77.2	2	12:08 PM	94.0	6233	19.04	14.72	11.6	8.24	6.29	3.88	2.7	2.1	12	84.5	0.97	37.0	8,087	13.1	4.0	13.7	5.8	4.5	12.2
15.349	77.2	3	12:08 PM	94.0	8219	25.38	19.79	15.66	11.21	8.55	5.3	3.69	2.8	16	84.5	0.97	37.3	7,885	12.7	4.0	13.7	5.8	4.5	12.0
15.349	77.2	4	12:08 PM	94.0	8833	27.62	21.33	16.85	12.07	9.26	5.73	3.98	3	18	84.5	0.97	37.8	7,815	12.6	4.0	13.6	5.8	4.5	11.9
15.446	76.7	1	12:09 PM	91.2	6617	21.06	16.86	13.89	10.35	7.78	4.38	2.72	2	15	83.1	0.98	38.7	7,125	11.3	4.1	13.8	5.7	4.4	11.6
15.446	76.7	2	12:09 PM	91.2	6386	20.4	16.33	13.47	10.04	7.64	4.34	2.71	2	14	83.1	0.98	38.9	7,021	11.1	4.2	13.8	5.7	4.4	11.6
15.446	76.7	3	12:09 PM	91.2	8318	26.06	22.3	18.37	13.72	10.45	5.86	3.62	2.7	19	83.1	0.98	40.8	6,678	10.4	4.1	13.5	5.6	4.4	11.0
15.446	76.7	4	12:09 PM	91.2	8734	29.36	23.46	19.32	14.48	11.02	6.19	3.81	2.8	20	83.1	0.98	40.6	6,660	10.4	4.1	13.5	5.6	4.4	11.1
15.552	76.7	1	12:10 PM	91.5	6748	16.85	14.72	12.42	9.59	7.73	4.88	3.23	2.3	12	83.3	0.98	31.6	7,483	11.9	4.8	16.6	5.9	4.6	14.2
15.552	76.7	2	12:10 PM	91.5	6781	17.15	14.85	12.54	9.7	7.83	4.97	3.23	2.3	12	83.3	0.98	31.9	7,426	11.8	4.8	16.5	5.9	4.6	14.1
15.552	76.7	3	12:10 PM	91.5	8614	22.9	19.76	16.73	12.99	10.47	6.61	4.34	3.1	16	83.3	0.98	33.3	7,054	11.1	4.7	16.1	5.8	4.5	13.5
15.552	76.7	4	12:10 PM	91.5	8600	23.63	20.43	17.31	13.38	10.87	6.9	4.48	3.2	17	83.3	0.98	33.6	6,938	10.9	4.7	16.1	5.8	4.5	13.4
15.630	76.7	1	12:11 PM	92.3	6309	27.7	22.96	18.31	12.58	9.13	4.91	3.11	2.3	18	83.7	0.98	51.2	5,636	8.5	3.7	11.5	5.2	4.2	8.8
15.630	76.7	2	12:11 PM	92.3	6298	27.57	22.71	18.19	12.57	9.17	4.97	3.14	2.3	17	83.7	0.98	51.1	5,616	8.5	3.7	11.5	5.2	4.2	8.8
15.630	76.7	3	12:11 PM	92.3	8153	37.34	30.96	24.86	17.27	12.6	6.81	4.33	3.2	24	83.7	0.98	53.3	5,310	7.9	3.7	11.3	5.2	4.1	8.4
15.630	76.7	4	12:11 PM	92.3	8636	39.83	32.97	26.46	18.43	13.47	7.31	4.61	3.4	25	83.7	0.98	53.6	5,264	7.9	3.7	11.2	5.1	4.1	8.4
15.725	77.4	1	12:13 PM	92.4	6353	28.2	21.59	16.67	11.16	7.92	4.24	2.9	2.3	17	83.8	0.97	51.6	6,225	9.6	3.4	10.9	5.3	4.2	8.7
15.725	77.4	2	12:13 PM	92.4	6178	26.96	20.51	15.93	10.74	7.7	4.15	2.87	2.3	17	83.8	0.97	50.8	6,262	9.6	3.4	11.1	5.3	4.2	8.9
15.725	77.4	3	12:13 PM	92.4	7933	35.32	27.39	21.36	14.34	10.53	6.05	3.94	2.8	22	83.8	0.97	51.8	5,965	9.1	3.5	11.1	5.3	4.2	8.7
15.725	77.4	4	12:13 PM	92.4	8669	39	30.01	23.41	15.76	11.5	6.38	4.28	3.4	25	83.8	0.97	52.3	5,946	9.1	3.5	11.0	5.3	4.2	8.6
15.817	77.5	1	12:14 PM	90.5	6452	27.33	20.91	16.52	11.89	8.89	5.04	3.21	2.4	17	82.8	0.98	49.9	5,898	9.0	3.7	11.6	5.3	4.2	9.0
15.817	77.5	2	12:14 PM	90.5	6441	26.86	20.63	16.37	11.8	8.89	5.07	3.25	2.4	16	82.8	0.98	49.2	5,916	9.0	3.7	11.7	5.3	4.2	9.1
15.817	77.5	3	12:14 PM	90.5	8131	35.87	27.7	22.05	15.95	11.94	6.78	4.29	3.2	22	82.8	0.98	51.8	5,569	8.4	3.7	11.4	5.2	4.2	8.7
15.817	77.5	4	12:14 PM	90.5	8658	38.14	29.83	23.72	17.15	12.86	7.27	4.61	3.4	24	82.8	0.98	51.7	5,524	8.3	3.7	11.4	5.2	4.2	8.7
15.923	77.4	1	12:15 PM	90.6	6990	12.04	10.63	9.33	7.71	6.37	4.18	2.69	1.8	9.4	82.9	0.98	23.5	9,213	15.4	5.4	20.3	6.3	4.9	19.1
15.923	77.4	2	12:15 PM	90.6	6803	11.37	10.32	9.09	7.43	6.21	4.09	2.63	1.8	9.2	82.9	0.98	23.0	9,126	15.2	5.5	20.9	6.3	4.9	19.6
15.923	77.4	3	12:15 PM	90.6	8811	15.92	14.15	12.51	10.28	8.61	5.67	3.65	2.4	13	82.9	0.98	24.4	8,547	14.0	5.4	20.2	6.2	4.8	18.4
15.923	77.4	4	12:15 PM	90.6	8987	16.24	14.43	12.74	10.46	8.8	5.8	3.69	2.5	13	82.9	0.98	24.4	8,525	14.0	5.4	20.3	6.2	4.8	18.4
16.011	77.1	1	12:16 PM	90.1	6759	11.33	9.95	8.68	7.05	5.81	3.8	2.51	1.8	8.9	82.7	0.98	23.1	9,831	16.6	5.3	20.1	6.4	4.9	19.5
16.011	77.1	2	12:16 PM	90.1	6661	11.07	9.77	8.54	6.93	5.69	3.72	2.45	1.7	8.7	82.7	0.98	22.9	9,887	16.7	5.3	20.2	6.4	4.9	19.6
16.011	77.1	3	12:16 PM	90.1	8691	14.5	13.12	11.48	9.35	7.72	5.07	3.33	2.4	12	82.7	0.98	23.0	9,438	15.8	5.4	20.6	6.4	4.9	19.6
16.011	77.1	4	12:16 PM	90.1	9086	15.52	13.76	12.06	9.81	8.11	5.33	3.53	2.5	12	82.7	0.98	23.4	9,431	15.8	5.3	20.2	6.4	4.9	19.2
16.115	77.4	1	12:17 PM	90.0	6244	34.18	24.12	17.83	11.13	7.9	4.42	3	2.4	18	82.6	0.98	62.9	5,695	8.6	2.9	9.3	5.1	4.1	7.2
16.115	77.4	2	12:17 PM	90.0	6123	32.53	23.18	17.19	10.9	7.87	4.37	2.98	2.3	18	82.6	0.98	61.2	5,711	8.6	3.0	9.5	5.1	4.1	7.3
16.115	77.4	3	12:17 PM	90.0	7966	43.19	30.93	23.09	14.85	10.58	6.04	4.26	3.4	24	82.6	0.98	62.4	5,554	8.4	3.0	9.5	5.1	4.0	7.2
16.115	77.4	4	12:17 PM	90.0	8592	45.7	33.34	24.82	16.02	11.32	6.55	4.63	3.7	25	82.6	0.98	61.3	5,623	8.5	3.0	9.6	5.1	4.1	7.3
16.198	78.6	1	12:21 PM	91.0	6452	27.59	19.69	13.76	8.64	6.04	3.11	1.94	1.4	15	83.2	0.97	49.9	7,525	12.0	3.0	10.5	5.5	4.3	9.0
16.198	78.6	2	12:21 PM	91.0	6288	26.08	18.83	13.21	8.39	5.9	3.04	1.89	1.4	14	83.2	0.97	48.6	7,611	12.2	3.1	10.7	5.6	4.3	9.3

16.198	78.6	3	12:21 PM	91.0	8067	35.16	25.41	17.94	11.43	8.02	4.12	2.59	2	19	83.2	0.97	50.7	7,227	11.5	3.1	10.5	5.5	4.3	8.9
16.198	78.6	4	12:21 PM	91.0	8680	37.55	27.32	19.31	12.33	8.69	4.46	2.82	2.1	20	83.2	0.97	50.5	7,201	11.4	3.1	10.5	5.5	4.3	8.9
16.294	77.1	1	12:22 PM	90.3	6255	32.83	22.65	16.28	10.76	8.19	4.94	3.37	2.4	17	82.9	0.98	60.5	5,673	8.6	3.0	9.7	5.1	4.1	7.4
16.294	77.1	2	12:22 PM	90.3	6123	31.03	21.7	15.81	10.56	8.04	4.88	3.38	2.6	16	82.9	0.98	58.6	5,740	8.7	3.1	9.9	5.2	4.1	7.7
16.294	77.1	3	12:22 PM	90.3	7922	40.66	28.92	21.11	14.16	10.81	6.58	4.52	3.3	22	82.9	0.98	59.3	5,577	8.4	3.1	9.9	5.1	4.1	7.6
16.294	77.1	4	12:22 PM	90.3	8592	44.33	31.39	23	15.49	11.8	7.18	4.94	3.7	24	82.9	0.98	59.6	5,543	8.4	3.1	9.9	5.1	4.1	7.5
16.387	76.7	1	12:23 PM	91.2	6617	20.79	16.43	12.94	9.31	7.07	4.24	2.8	2	13	83.4	0.98	38.2	7,696	12.4	4.0	13.5	5.8	4.5	11.8
16.387	76.7	2	12:23 PM	91.2	6562	20.6	16.28	12.83	9.28	7.11	4.29	2.84	2	13	83.4	0.98	38.2	7,617	12.2	4.0	13.6	5.7	4.5	11.8
16.387	76.7	3	12:23 PM	91.2	8285	27.81	21.93	17.31	12.62	9.67	5.85	3.87	2.8	17	83.4	0.98	40.5	7,083	11.2	4.0	13.2	5.6	4.4	11.1
16.387	76.7	4	12:23 PM	91.2	8658	29.26	23.09	18.26	13.34	10.21	6.17	4.08	2.9	18	83.4	0.98	40.8	7,017	11.1	4.0	13.2	5.6	4.4	11.0
16.478	75.8	1	12:25 PM	89.3	6397	20.19	15.73	11.97	8.17	6.1	3.57	2.39	1.8	12	82.4	0.98	38.6	8,338	13.6	3.7	12.9	5.8	4.5	11.7
16.478	75.8	2	12:25 PM	89.3	6309	19.87	15.77	11.81	8.15	6.15	3.63	2.38	1.8	12	82.4	0.98	38.5	8,218	13.4	3.8	13.1	5.8	4.5	11.7
16.478	75.8	3	12:25 PM	89.3	8175	27.3	21.49	15.92	11.09	8.35	4.87	3.19	2.4	17	82.4	0.98	40.5	7,813	12.6	3.7	12.7	5.7	4.4	11.1
16.478	75.8	4	12:25 PM	89.3	8745	29.17	23.19	17.36	11.87	8.89	5.1	3.43	2.6	18	82.4	0.98	40.5	7,842	12.6	3.7	12.7	5.7	4.4	11.1
16.577	75.5	1	12:27 PM	89.9	6145	37.3	25.72	17.85	11.02	7.76	4.35	2.94	2.2	19	82.8	0.98	69.1	5,457	8.2	2.6	8.6	5.0	4.0	6.5
16.577	75.5	2	12:27 PM	89.9	6068	35.62	24.98	17.49	10.92	7.77	4.39	2.99	2.2	19	82.8	0.98	67.0	5,493	8.3	2.7	8.8	5.0	4.0	6.7
16.577	75.5	3	12:27 PM	89.9	7802	47.03	33.19	23.44	14.74	10.48	5.91	4	3	25	82.8	0.98	68.7	5,283	7.9	2.7	8.8	5.0	4.0	6.5
16.577	75.5	4	12:27 PM	89.9	8592	51.46	36.72	26.04	16.39	11.69	6.6	4.44	3.3	27	82.8	0.98	68.3	5,258	7.8	2.8	8.8	5.0	4.0	6.6
16.667	75	1	12:28 PM	89.6	6441	26.02	19.24	13.45	8.66	6.14	3.69	2.62	2	14	82.7	0.98	47.8	7,623	12.2	3.2	10.9	5.6	4.3	9.4
16.667	75	2	12:28 PM	89.6	6397	25.31	18.76	13.26	8.63	6.19	3.72	2.65	2.1	14	82.7	0.98	46.9	7,618	12.2	3.2	11.1	5.6	4.3	9.6
16.667	75	3	12:28 PM	89.6	8186	33.47	25.19	17.83	11.7	8.38	4.97	3.56	2.6	18	82.7	0.98	48.3	7,267	11.5	3.2	11.0	5.5	4.3	9.3
16.667	75	4	12:28 PM	89.6	8603	35.46	26.85	18.96	12.37	9.07	5.63	3.57	2.7	20	82.7	0.98	48.7	7,114	11.2	3.3	11.0	5.5	4.3	9.2
16.784	75	1	12:29 PM	86.7	6375	20.71	15.06	11.6	8.17	6.19	3.78	2.47	1.9	11	81.2	0.99	40.0	8,160	13.3	3.7	12.6	5.8	4.5	11.3
16.784	75	2	12:29 PM	86.7	6342	20.3	14.93	11.57	8.2	6.24	3.76	2.54	1.9	11	81.2	0.99	39.5	8,124	13.2	3.7	12.8	5.8	4.5	11.4
16.784	75	3	12:29 PM	86.7	8252	26.3	19.81	15.41	11.01	8.38	5.21	3.34	2.6	15	81.2	0.99	39.3	7,955	12.9	3.8	13.0	5.8	4.5	11.4
16.784	75	4	12:29 PM	86.7	8888	28.86	21.4	16.65	11.91	9.07	5.48	3.7	2.8	17	81.2	0.99	40.0	7,885	12.7	3.8	12.8	5.7	4.4	11.3
16.856	75	1	12:30 PM	88.4	6463	16.15	12.56	9.74	6.74	5.09	3.01	2.08	1.6	9.9	82.1	0.98	31.8	10,226	17.5	4.0	14.4	6.2	4.7	14.2
16.856	75	2	12:30 PM	88.4	6441	16.26	12.39	9.66	6.72	5.13	3.04	2.07	1.6	9.8	82.1	0.98	32.0	10,115	17.2	4.0	14.3	6.1	4.7	14.1
16.856	75	3	12:30 PM	88.4	8372	21.48	16.74	13.04	9.13	6.85	4.02	2.78	2.2	13	82.1	0.98	32.5	9,877	16.7	4.0	14.3	6.1	4.7	13.9
16.856	75	4	12:30 PM	88.4	8866	22.56	17.7	13.74	9.69	7.23	4.26	2.92	2.2	14	82.1	0.98	32.2	9,924	16.8	4.0	14.3	6.1	4.7	14.0
16.951	75.1	1	12:32 PM	88.9	6584	15.72	12.41	10.07	7.21	5.44	3.15	2	1.3	10	82.4	0.98	30.5	9,995	17.0	4.2	15.1	6.2	4.7	14.7
16.951	75.1	2	12:32 PM	88.9	6595	15.47	12.25	9.98	7.21	5.47	3.19	2.06	1.4	9.9	82.4	0.98	30.1	10,007	17.0	4.2	15.3	6.2	4.7	15.0
16.951	75.1	3	12:32 PM	88.9	8394	20.27	16.17	13.24	9.6	7.32	4.31	2.76	1.9	13	82.4	0.98	30.8	9,562	16.1	4.2	15.3	6.1	4.7	14.6
16.951	75.1	4	12:32 PM	88.9	8888	21.3	17	13.94	10.18	7.74	4.53	2.89	2	14	82.4	0.98	30.6	9,588	16.1	4.3	15.3	6.1	4.7	14.7
17.048	75.1	1	12:33 PM	89.1	6485	17.2	13.69	10.81	7.8	5.93	3.44	2.28	1.7	11	82.5	0.98	33.3	9,023	15.0	4.1	14.5	6.0	4.6	13.5
17.048	75.1	2	12:33 PM	89.1	6452	16.69	13.34	10.58	7.67	5.86	3.45	2.29	1.8	11	82.5	0.98	32.6	9,124	15.2	4.2	14.7	6.0	4.6	13.8
17.048	75.1	3	12:33 PM	89.1	8405	22.92	18.28	14.56	10.62	8.09	4.73	3.11	2.4	15	82.5	0.98	34.1	8,620	14.2	4.1	14.4	5.9	4.6	13.2
17.048	75.1	4	12:33 PM	89.1	8888	24	19.24	15.35	11.17	8.54	4.98	3.28	2.4	15	82.5	0.98	33.8	8,651	14.2	4.2	14.5	6.0	4.6	13.3
17.142	74.5	1	12:34 PM	88.7	6814	15.87	13	11.02	8.63	6.96	4.75	3.52	2.8	11	82.3	0.98	30.0	8,415	13.8	4.7	16.6	6.0	4.7	15.0
17.142	74.5	2	12:34 PM	88.7	6694	15.28	12.82	10.92	8.53	6.97	4.76	3.56	2.8	11	82.3	0.98	29.5	8,235	13.4	4.8	17.0	6.0	4.7	15.2
17.142	74.5	3	12:34 PM	88.7	8383	20.09	16.48	14.02	11.02	8.89	6.03	4.13	3.5	14	82.3	0.98	30.7	8,102	13.1	4.7	16.5	6.0	4.6	14.6
17.142	74.5	4	12:34 PM	88.7	9042	21.32	17.72	15.1	11.8	9.55	6.47	4.81	3.7	15	82.3	0.98	30.3	8,129	13.2	4.7	16.7	6.0	4.6	14.8
17.252	74.5	1	12:36 PM	89.8	6408	18.86	13.2	9.89	6.88	5.37	3.57	2.7	2.1	10	82.9	0.98	36.2	9,305	15.6	3.7	13.1	6.0	4.6	12.4
17.252	74.5	2	12:36 PM	89.8	6551	18.8	13.18	9.92	6.96	5.46	3.66	2.76	2.2	10	82.9	0.98	35.5	9,417	15.8	3.8	13.4	6.0	4.6	12.7
17.252	74.5	3	12:36 PM	89.8	8548	24.8	17.37	13.15	9.22	7.29	4.93	3.62	2.9	13	82.9	0.98	35.8	9,240	15.4	3.8	13.3	6.0	4.6	12.6
17.252	74.5	4	12:36 PM	89.8	8943	25.54	18.21	13.81	9.67	7.65	5.17	3.8	3	14	82.9	0.98	35.3	9,269	15.5	3.8	13.5	6.0	4.6	12.7


BIA 4-20
Allowable Spring Axle Load, Tons
30
25
20
15
10
5
0
5.0
7.0
9.0
11.0
13.0
15.0
17.0
Test Location, miles
AASHTO
TONN


BIA 4-20
Eff. Structural Number
Eff. R-value
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
5.0
7.0
9.0
11.0
13.0
15.0
17.0
19.0
Test Location, miles
Eff. G.E.
Eff. R-value

County:	Pine Ridge Reservation
Date Tested:	6/18/2008
Julian:	170
Highway	BIA 4-10
From:	Jct BIA 4 atKYLE
To:	South County Line
Dir	SB
Prev Day Temp	75 °F
Bit. Thickness	7.4 inches
Daily ESALs	20.7
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	183,579 Formula is "=B10*365*B14" incase changed and need the formula back.
Soil Type	P Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.
Drought Adj.	1.00 Suggested range if 0.7 for very wet to 1.25 for very dry when tested.
Seas. Adj. Fact.	1.25

X1	X2	X3	X4	X5	X6	X7
0	203.2	304.8	457.2	609.6	914	1524
0	8	12	18	24	36	60
0	8	12	18	24	36	60
18.27	15.04	12.49	9.41	7.44	4.69	3.20
	0.82	0.68	0.52	0.41	0.26	0.18

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

1.3

Summary of Analysis Results

	$_sBB_{80}$ mils	Esg psi	Eff. R-val	Eff SN inches	Axle Load for Design Defl. Tons AASHTO			TONN Tons
Avg. =	38.8	8,496	14.0	4.1	14.2			13.0
Median =	36.91	8,254	13.4	4.0	13.7			12.2
Std.Dev. =	8.956	2,031	4.2	0.6	2.5			3.3
85th % =	28.32	6,509	10.1	3.5	12.0			9.8

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	SN	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
0.019	66.9	1	8:51 AM	65.8	6737	15.81	13.37	11.02	8.27	6.47	4.01	2.41	1.9	11	68.4	1.09	36.9	8,390	13.7	3.9	13.5	5.9	4.5	12.2
0.019	66.9	2	8:51 AM	65.8	6880	15.97	13.3	10.95	8.23	6.45	4.01	2.46	1.9	11	68.4	1.09	36.6	8,581	14.1	3.9	13.5	5.9	4.5	12.3
0.019	66.9	3	8:51 AM	65.8	8680	20.82	17.36	14.31	10.76	8.43	5.18	3.17	2.4	14	68.4	1.09	37.6	8,285	13.5	3.9	13.3	5.8	4.5	12.0
0.019	66.9	4	8:51 AM	65.8	8932	21.74	18.01	14.83	11.19	8.75	5.39	3.28	2.5	15	68.4	1.09	38.0	8,208	13.4	3.8	13.2	5.8	4.5	11.8
0.019	67.6	1	8:58 AM	67.1	6748	16.13	13.43	11.15	8.24	6.47	3.96	2.41	1.8	11	69.1	1.08	37.3	8,384	13.7	3.9	13.4	5.8	4.5	12.1
0.019	67.6	2	8:58 AM	67.1	6847	16.07	13.35	11.09	8.26	6.46	3.97	2.45	1.9	11	69.1	1.08	36.8	8,522	14.0	3.9	13.5	5.9	4.5	12.2
0.019	67.6	3	8:58 AM	67.1	8789	21.19	17.66	14.72	10.96	8.57	5.24	3.24	2.4	15	69.1	1.08	37.5	8,252	13.4	3.9	13.4	5.8	4.5	12.0
0.019	67.6	4	8:58 AM	67.1	8965	21.67	18.05	15.04	11.2	8.78	5.36	3.28	2.5	15	69.1	1.08	37.6	8,217	13.4	3.9	13.4	5.8	4.5	12.0
0.098	67.6	1	8:59 AM	66.8	6935	11.26	9.97	8.82	7.26	6.06	4.18	2.96	2.3	8.7	68.9	1.08	27.5	9,059	15.1	4.8	17.5	6.2	4.7	16.4
0.098	67.6	2	8:59 AM	66.8	6759	11.12	9.93	8.82	7.17	6.07	4.18	2.95	2.2	8.8	68.9	1.08	27.8	8,783	14.5	4.9	17.6	6.1	4.7	16.2
0.098	67.6	3	8:59 AM	66.8	8636	14.6	12.84	11.34	9.31	7.8	5.34	3.75	2.9	11	68.9	1.08	28.3	8,780	14.5	4.8	17.2	6.1	4.7	15.9
0.098	67.6	4	8:59 AM	66.8	8932	15.09	13.29	11.76	9.63	8.09	5.55	3.91	3	12	68.9	1.08	28.3	8,748	14.4	4.8	17.3	6.1	4.7	15.9
0.191	67.9	1	9:01 AM	66.7	6759	9.18	7.98	7.01	5.65	4.67	3.15	2.2	1.7	7.1	68.9	1.09	24.4	11,595	20.4	4.6	17.6	6.5	4.9	18.4
0.191	67.9	2	9:01 AM	66.7	6869	9.18	7.95	6.96	5.63	4.65	3.14	2.2	1.7	7.1	68.9	1.10	24.1	11,843	20.9	4.6	17.6	6.5	5.0	18.6
0.191	67.9	3	9:01 AM	66.7	8800	11.86	10.32	9.04	7.33	6.04	4.06	2.87	2.2	9.2	68.9	1.09	24.3	11,670	20.5	4.6	17.7	6.5	4.9	18.5
0.191	67.9	4	9:01 AM	66.7	8998	12.15	10.56	9.23	7.48	6.2	4.17	2.93	2.2	9.4	68.9	1.09	24.3	11,619	20.4	4.6	17.7	6.5	4.9	18.5
0.285	67.9	1	9:02 AM	66.4	6726	10.62	9.55	8.56	7.06	6.02	4.26	3.09	2.4	8.8	68.7	1.08	26.9	8,716	14.4	5.0	18.2	6.2	4.7	16.7
0.285	67.9	2	9:02 AM	66.4	6825	10.53	9.54	8.58	7.1	6.03	4.25	3.12	2.5	8.8	68.7	1.08	26.5	8,799	14.5	5.0	18.4	6.2	4.8	17.0
0.285	67.9	3	9:02 AM	66.4	8844	14.29	12.43	11.17	9.25	7.85	5.56	4.09	3.2	12	68.7	1.08	27.4	8,871	14.7	4.9	17.7	6.2	4.7	16.4
0.285	67.9	4	9:02 AM	66.4	9108	14.5	12.81	11.48	9.5	8.1	5.74	4.21	3.3	12	68.7	1.08	27.1	8,811	14.6	5.0	18.0	6.2	4.7	16.6
0.381	68.4	1	9:03 AM	66.1	6737	9.67	8.5	7.44	5.99	4.91	3.12	2.04	1.4	7.7	68.6	1.10	25.5	10,996	19.1	4.6	17.3	6.4	4.9	17.7
0.381	68.4	2	9:03 AM	66.1	6704	9.69	8.34	7.33	5.83	4.81	3.09	2.04	1.5	7.5	68.6	1.10	25.6	11,211	19.5	4.5	17.1	6.4	4.9	17.6
0.381	68.4	3	9:03 AM	66.1	8702	12.69	10.94	9.6	7.77	6.37	4.07	2.69	1.9	9.9	68.6	1.10	25.8	10,968	19.0	4.6	17.1	6.4	4.9	17.5
0.381	68.4	4	9:03 AM	66.1	9086	13.18	11.44	10.09	8.14	6.67	4.25	2.84	2	10	68.6	1.10	25.7	10,922	18.9	4.6	17.2	6.4	4.9	17.5

0.475	68	1	9:04 AM	66.7	6803	8.78	7.89	7	5.8	4.97	3.54	2.53	1.9	7	68.9	1.09	23.4	10,682	18.4	5.0	19.1	6.5	4.9	19.2
0.475	68	2	9:04 AM	66.7	6891	9.05	7.9	7.03	5.85	4.98	3.55	2.58	1.9	7	68.9	1.09	23.7	10,890	18.9	4.9	18.7	6.5	4.9	19.0
0.475	68	3	9:04 AM	66.7	8811	11.88	10.37	9.22	7.64	6.59	4.72	3.36	2.5	9.3	68.9	1.09	24.1	10,499	18.0	4.9	18.7	6.4	4.9	18.7
0.475	68	4	9:04 AM	66.7	9064	12.15	10.76	9.59	8	6.84	4.91	3.53	2.6	9.7	68.9	1.09	24.0	10,359	17.7	5.0	18.9	6.4	4.9	18.7
0.564	68.4	1	9:05 AM	67.8	6408	19.67	15.62	12.16	8.34	6.09	3.59	2.49	1.9	13	69.5	1.08	46.0	7,980	12.9	3.2	11.1	5.6	4.4	9.8
0.564	68.4	2	9:05 AM	67.8	6419	19.36	15.41	12.02	8.3	6.1	3.65	2.53	2	12	69.5	1.08	45.3	8,020	13.0	3.2	11.2	5.7	4.4	9.9
0.564	68.4	3	9:05 AM	67.8	8296	25.42	20.29	15.89	11	8.07	4.8	3.3	2.6	16	69.5	1.08	45.8	7,854	12.7	3.3	11.2	5.6	4.4	9.8
0.564	68.4	4	9:05 AM	67.8	8713	26.8	21.34	16.75	11.61	8.51	5.04	3.46	2.7	17	69.5	1.08	46.0	7,822	12.6	3.2	11.2	5.6	4.4	9.8
0.667	68.3	1	9:07 AM	67.3	6474	16.23	13.45	10.5	7.52	5.73	3.54	2.5	2	11	69.2	1.08	38.9	8,875	14.7	3.6	12.5	5.9	4.5	11.6
0.667	68.3	2	9:07 AM	67.3	6485	16.02	12.97	10.37	7.34	5.63	3.49	2.5	2	10	69.2	1.08	38.4	9,038	15.0	3.6	12.5	5.9	4.5	11.7
0.667	68.3	3	9:07 AM	67.3	8460	21.31	17.14	13.59	9.73	7.44	4.59	3.26	2.6	14	69.2	1.08	39.0	8,909	14.8	3.5	12.4	5.9	4.5	11.5
0.667	68.3	4	9:07 AM	67.3	8822	22.26	17.94	14.15	10.2	7.8	4.82	3.44	2.7	14	69.2	1.08	39.1	8,869	14.7	3.5	12.4	5.9	4.5	11.5
0.761	68.5	1	9:08 AM	67.7	6441	20.26	16.49	13.81	10.37	8.09	4.89	3.28	2.5	14	69.4	1.07	46.4	6,396	9.9	3.7	12.0	5.4	4.3	9.7
0.761	68.5	2	9:08 AM	67.7	6496	19.84	16.12	13.5	10.22	7.96	4.85	3.32	2.5	14	69.4	1.07	45.2	6,560	10.2	3.8	12.2	5.5	4.3	9.9
0.761	68.5	3	9:08 AM	67.7	8405	25.88	21.19	17.77	13.39	10.48	6.38	4.32	3.2	18	69.4	1.07	45.5	6,454	10.0	3.8	12.2	5.5	4.3	9.9
0.761	68.5	4	9:08 AM	67.7	8844	27.2	22.29	18.68	14.15	11.05	6.72	4.59	3.4	19	69.4	1.07	45.5	6,443	10.0	3.8	12.2	5.5	4.3	9.9
0.853	68.8	1	9:09 AM	68.4	6474	16.57	13.69	11.49	8.76	6.95	4.49	3.23	2.5	11	69.8	1.07	39.0	7,523	12.0	4.0	13.4	5.7	4.4	11.5
0.853	68.8	2	9:09 AM	68.4	6573	16.38	13.56	11.4	8.7	6.92	4.46	3.26	2.6	11	69.8	1.07	38.2	7,675	12.3	4.0	13.6	5.8	4.5	11.8
0.853	68.8	3	9:09 AM	68.4	8471	21.21	17.55	14.76	11.3	9	5.85	4.18	3.2	15	69.8	1.07	38.3	7,608	12.2	4.0	13.6	5.7	4.5	11.7
0.853	68.8	4	9:09 AM	68.4	8811	22.02	18.26	15.33	11.77	9.38	6.08	4.35	3.4	15	69.8	1.07	38.3	7,595	12.2	4.0	13.6	5.7	4.5	11.8
0.948	69	1	9:09 AM	68.2	6781	17.61	14.96	12.55	9.54	7.56	4.62	3.09	2.3	13	69.7	1.07	39.5	7,256	11.5	4.0	13.4	5.7	4.4	11.4
0.948	69	2	9:09 AM	68.2	6573	17.31	14.64	12.23	9.39	7.45	4.73	3.15	2.1	12	69.7	1.07	39.9	7,183	11.4	4.0	13.3	5.7	4.4	11.3
0.948	69	3	9:09 AM	68.2	8328	22.71	19.3	16.21	12.35	9.85	6.04	4.03	3	16	69.7	1.07	41.1	6,882	10.8	4.0	13.2	5.6	4.4	11.0
0.948	69	4	9:09 AM	68.2	8745	23.9	20.26	17	13.02	10.37	6.42	4.28	3.1	17	69.7	1.07	41.2	6,865	10.8	4.0	13.2	5.6	4.4	10.9
1.050	69.5	1	9:10 AM	69.5	6529	20.76	16.67	13.82	10.3	7.95	4.7	3.1	2.3	14	70.4	1.06	46.6	6,556	10.2	3.6	11.9	5.5	4.3	9.7
1.050	69.5	2	9:10 AM	69.5	6441	20.32	16.41	13.62	10.17	7.86	4.7	3.12	2.4	14	70.4	1.06	46.3	6,553	10.2	3.7	12.0	5.5	4.3	9.7
1.050	69.5	3	9:10 AM	69.5	8328	26.62	21.51	17.91	13.42	10.37	6.18	4.06	3	19	70.4	1.06	46.8	6,429	10.0	3.7	11.9	5.4	4.3	9.6
1.050	69.5	4	9:10 AM	69.5	8778	28.22	22.79	18.97	14.25	10.99	6.55	4.3	3.2	20	70.4	1.06	47.0	6,394	9.9	3.7	11.9	5.4	4.3	9.6
1.145	69.7	1	9:11 AM	68.5	6672	20.48	18	14.94	10.82	8.1	4.56	3.02	2.3	15	69.8	1.07	45.5	6,608	10.3	3.7	12.1	5.5	4.3	9.9
1.145	69.7	2	9:11 AM	68.5	6496	20.09	17.69	14.69	10.63	8.02	4.54	3.04	2.4	14	69.8	1.07	45.7	6,506	10.1	3.7	12.1	5.5	4.3	9.8
1.145	69.7	3	9:11 AM	68.5	8339	26.47	23.28	19.34	14.04	10.51	5.91	3.91	3	19	69.8	1.07	46.7	6,369	9.8	3.7	12.0	5.4	4.3	9.6
1.145	69.7	4	9:11 AM	68.5	8778	28.07	24.72	20.57	14.93	11.24	6.32	4.18	3.2	20	69.8	1.07	47.0	6,276	9.7	3.7	12.0	5.4	4.3	9.6
1.239	70.1	1	9:12 AM	69.0	7067	13.98	12.3	10.75	8.66	7.1	4.58	3.09	2.3	11	70.1	1.07	31.7	7,975	12.9	4.6	16.1	5.9	4.6	14.2
1.239	70.1	2	9:12 AM	69.0	6836	13.98	12.19	10.69	8.58	7.05	4.58	3.1	2.3	11	70.1	1.07	32.5	7,780	12.5	4.6	15.8	5.9	4.6	13.8
1.239	70.1	3	9:12 AM	69.0	8603	18.43	16.06	14.05	11.29	9.3	6.01	4.05	3	14	70.1	1.07	33.7	7,421	11.8	4.6	15.6	5.8	4.5	13.4
1.239	70.1	4	9:12 AM	69.0	8811	18.91	16.47	14.43	11.63	9.54	6.19	4.15	3.1	14	70.1	1.07	33.7	7,410	11.8	4.6	15.6	5.8	4.5	13.3
1.327	70.2	1	9:13 AM	68.0	6672	15.75	12.74	10.33	7.5	5.74	3.69	2.73	2.2	11	69.6	1.08	36.9	9,193	15.3	3.7	13.0	5.9	4.6	12.2
1.327	70.2	2	9:13 AM	68.0	6540	15.36	12.51	10.14	7.35	5.68	3.67	2.72	2.2	10	69.6	1.08	36.7	9,133	15.2	3.7	13.1	5.9	4.6	12.3
1.327	70.2	3	9:13 AM	68.0	8318	20.13	16.42	13.35	9.72	7.5	4.83	3.57	2.9	14	69.6	1.08	37.6	8,810	14.6	3.7	13.0	5.9	4.5	12.0
1.327	70.2	4	9:13 AM	68.0	8811	21.35	17.37	14.12	10.3	7.94	5.12	3.78	3	14	69.6	1.08	37.6	8,812	14.6	3.7	13.0	5.9	4.5	12.0
1.429	70.3	1	9:14 AM	69.2	6715	14.7	12.81	10.82	8.29	6.59	4.1	2.79	2.1	11	70.2	1.07	34.4	8,282	13.5	4.2	14.6	5.9	4.6	13.1
1.429	70.3	2	9:14 AM	69.2	6595	14.53	12.58	10.64	8.21	6.5	4.08	2.81	2.2	11	70.2	1.07	34.6	8,247	13.4	4.2	14.5	5.9	4.6	13.0
1.429	70.3	3	9:14 AM	69.2	8460	18.93	16.38	13.85	10.68	8.49	5.31	3.61	2.8	14	70.2	1.07	35.0	8,099	13.1	4.2	14.5	5.9	4.5	12.9
1.429	70.3	4	9:14 AM	69.2	8822	19.76	17.04	14.48	11.13	8.85	5.55	3.78	2.9	15	70.2	1.07	35.0	8,102	13.1	4.2	14.5	5.9	4.5	12.9

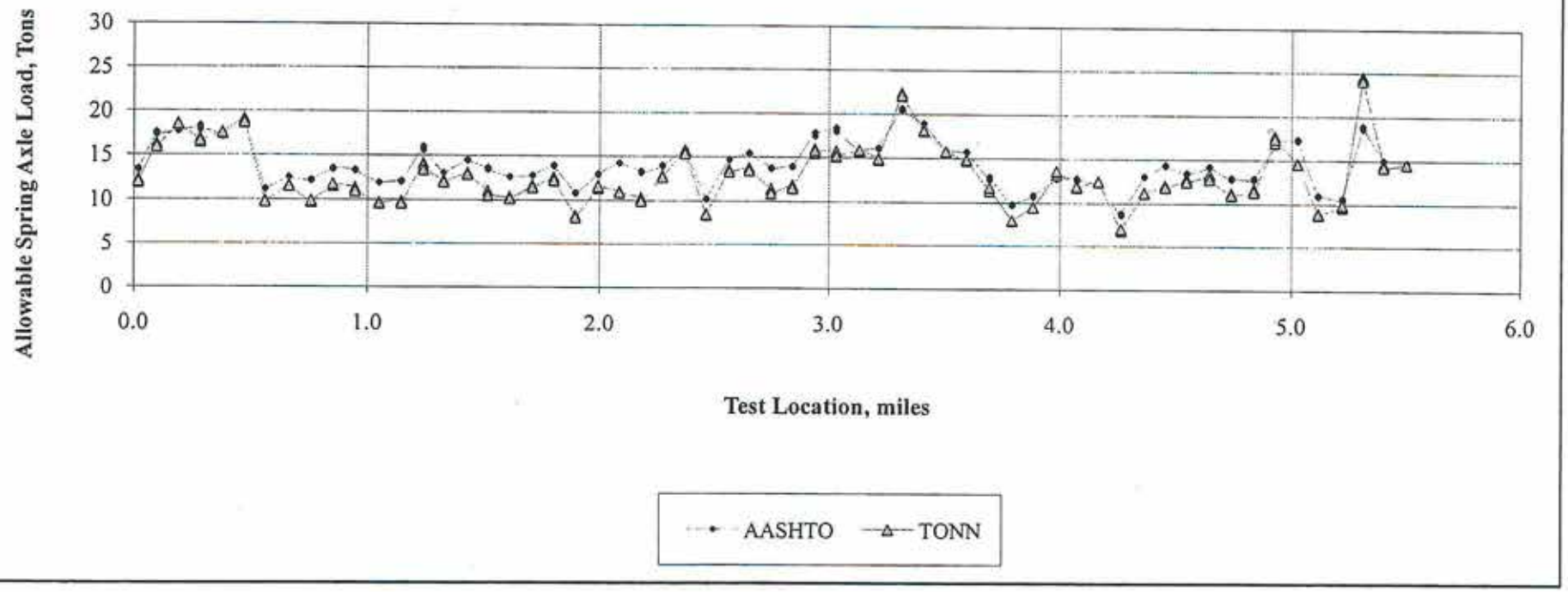
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1.516	69.7	2	9:16 AM	69.7	6562	17.91	15.39	13.29	10.33	8.28	5.19	3.28	2.3	14	70.5	1.06	40.8	6,427	10.0	4.2	13.7	5.5	4.4	11.0
1.516	69.7	3	9:16 AM	69.7	8208	23.68	20.11	17.43	13.54	10.95	6.83	4.27	2.9	18	70.5	1.06	42.7	6,079	9.3	4.2	13.4	5.5	4.3	10.5
1.516	69.7	4	9:16 AM	69.7	8855	25.69	21.93	18.94	14.81	11.98	7.49	4.71	3.2	20	70.5	1.06	42.8	5,990	9.2	4.2	13.4	5.4	4.3	10.5
1.610	70.2	1	9:17 AM	69.3	6441	18.85	15.66	13.14	9.92	7.71	4.51	2.8	1.9	15	70.3	1.07	43.5	6,730	10.5	3.8	12.6	5.5	4.3	10.3
1.610	70.2	2	9:17 AM	69.3	6463	18.78	15.58	13.1	9.85	7.72	4.53	2.8	1.9	15	70.3	1.07	43.2	6,748	10.6	3.9	12.6	5.5	4.3	10.4
1.610	70.2	3	9:17 AM	69.3	8372	24.9	20.79	17.52	13.27	10.37	6.09	3.78	2.6	21	70.3	1.06	44.0	6,516	10.1	3.9	12.6	5.5	4.3	10.2
1.610	70.2	4	9:17 AM	69.3	8767	26.27	21.9	18.46	13.98	10.94	6.43	4	2.8	22	70.3	1.06	44.3	6,468	10.0	3.9	12.5	5.5	4.3	10.2
1.708	70.8	1	9:18 AM	67.4	6474	16.23	13.4	11.01	8.02	6.02	3.35	2.36	1.6	11	69.3	1.09	39.0	8,535	14.0	3.7	12.7	5.8	4.5	11.6
1.708	70.8	2	9:18 AM	67.4	6496	16.07	13.19	10.83	7.92	5.93	3.35	2.28	1.6	11	69.3	1.09	38.5	8,686	14.3	3.6	12.7	5.9	4.5	11.7
1.708	70.8	3	9:18 AM	67.4	8383	21.3	17.41	14.42	10.42	8.09	4.74	2.87	2.2	15	69.3	1.08	39.2	8,261	13.5	3.7	12.8	5.8	4.5	11.5
1.708	70.8	4	9:18 AM	67.4	8844	22.6	18.44	15.31	11.01	8.65	5.16	2.96	2.4	16	69.3	1.08	39.4	8,161	13.3	3.7	12.8	5.8	4.5	11.4
1.800	70.4	1	9:19 AM	69.0	6518	14.88	12.6	10.8	8.15	6.34	3.71	2.37	1.7	11	70.1	1.08	35.7	8,312	13.6	4.1	14.0	5.9	4.5	12.6
1.800	70.4	2	9:19 AM	69.0	6430	14.98	12.58	10.7	7.96	6.29	3.74	2.35	1.7	10	70.1	1.07	36.3	8,257	13.5	4.0	13.8	5.9	4.5	12.4
1.800	70.4	3	9:19 AM	69.0	8405	19.75	16.75	14.33	10.82	8.47	5.04	3.2	2.3	14	70.1	1.07	36.5	8,027	13.0	4.1	13.9	5.8	4.5	12.3
1.800	70.4	4	9:19 AM	69.0	8855	21.11	17.72	15.15	11.41	8.99	5.35	3.37	2.4	15	70.1	1.07	36.9	7,964	12.9	4.0	13.8	5.8	4.5	12.2
1.894	70.3	1	9:20 AM	70.0	6364	24.45	19.76	16.18	11.76	9.15	5.65	3.81	2.7	16	70.6	1.05	54.5	5,530	8.3	3.5	10.9	5.2	4.1	8.3
1.894	70.3	2	9:20 AM	70.0	6320	24.26	19.56	16.07	11.75	9.13	5.7	3.84	2.8	16	70.6	1.05	54.4	5,509	8.3	3.5	10.9	5.2	4.1	8.3
1.894	70.3	3	9:20 AM	70.0	8175	32.34	26.15	21.53	15.75	12.32	7.67	5.19	3.7	22	70.6	1.05	55.8	5,292	7.9	3.5	10.8	5.1	4.1	8.1
1.894	70.3	4	9:20 AM	70.0	8713	34.72	27.99	23.08	16.93	13.28	8.27	5.56	4	24	70.6	1.05	56.1	5,236	7.8	3.5	10.8	5.1	4.1	8.0
1.993	70.4	1	9:21 AM	72.6	6529	17.2	12.8	10.56	8.09	6.44	4.17	2.89	2.2	12	72.0	1.06	39.5	8,061	13.1	3.7	12.8	5.8	4.5	11.4
1.993	70.4	2	9:21 AM	72.6	6584	16.86	12.6	10.41	8	6.37	4.15	2.91	2.2	12	72.0	1.06	38.6	8,231	13.4	3.8	13.0	5.8	4.5	11.7
1.993	70.4	3	9:21 AM	72.6	8504	21.95	16.5	13.66	10.48	8.37	5.41	3.78	2.9	15	72.0	1.06	38.8	8,105	13.2	3.8	13.0	5.8	4.5	11.6
1.993	70.4	4	9:21 AM	72.6	8866	22.88	17.2	14.26	10.96	8.74	5.65	3.96	3	16	72.0	1.06	38.8	8,095	13.1	3.8	13.0	5.8	4.5	11.6
2.086	70.5	1	9:22 AM	70.4	6606	18.13	16.1	14.11	11.31	9.2	5.8	3.87	2.8	14	70.9	1.05	40.8	5,754	8.7	4.5	14.3	5.4	4.3	11.0
2.086	70.5	2	9:22 AM	70.4	6430	17.93	15.79	13.83	11.07	9.07	5.78	3.85	2.8	14	70.9	1.05	41.3	5,685	8.6	4.5	14.2	5.4	4.3	10.9
2.086	70.5	3	9:22 AM	70.4	8438	23.52	20.8	18.26	14.66	11.95	7.6	5.04	3.6	18	70.9	1.05	41.2	5,658	8.6	4.5	14.2	5.4	4.3	10.9
2.086	70.5	4	9:22 AM	70.4	8877	24.76	21.91	19.24	15.46	12.61	8.02	5.31	3.8	19	70.9	1.05	41.3	5,638	8.5	4.5	14.2	5.4	4.3	10.9
2.180	71	1	9:23 AM	72.1	6551	19.53	16.78	14.33	11.22	9.13	6.05	4.21	3.1	14	71.7	1.05	43.4	5,813	8.8	4.2	13.4	5.4	4.3	10.4
2.180	71	2	9:23 AM	72.1	6463	19.67	16.77	14.36	11.3	9.2	6.13	4.28	3.3	15	71.7	1.05	44.1	5,691	8.6	4.2	13.2	5.4	4.3	10.2
2.180	71	3	9:23 AM	72.1	8296	26.06	22.24	19.07	14.99	12.22	8.13	5.67	4.2	19	71.7	1.05	45.3	5,498	8.3	4.2	13.1	5.3	4.2	9.9
2.180	71	4	9:23 AM	72.1	8713	27.51	23.48	20.15	15.85	12.94	8.62	6.01	4.4	20	71.7	1.04	45.5	5,452	8.2	4.2	13.1	5.3	4.2	9.9
2.273	71.1	1	9:24 AM	70.9	6617	15.09	12.35	10.36	7.91	6.15	3.72	2.4	1.7	11	71.1	1.07	35.4	8,664	14.3	4.0	13.9	5.9	4.6	12.7
2.273	71.1	2	9:24 AM	70.9	6518	14.59	12.22	10.26	7.71	6.08	3.69	2.39	1.7	10	71.1	1.07	34.9	8,653	14.2	4.0	14.1	5.9	4.6	12.9
2.273	71.1	3	9:24 AM	70.9	8493	19.44	16.22	13.65	10.31	8.14	4.93	3.19	2.3	14	71.1	1.07	35.5	8,425	13.8	4.0	14.0	5.9	4.5	12.7
2.273	71.1	4	9:24 AM	70.9	8811	20.26	16.91	14.22	10.86	8.52	5.19	3.35	2.4	15	71.1	1.07	35.6	8,354	13.6	4.0	14.0	5.9	4.5	12.6
2.372	70.7	1	9:25 AM	70.7	6792	11.63	10.03	8.59	6.63	5.28	3.16	1.94	1.3	8.5	71.0	1.08	28.5	10,447	17.9	4.3	15.8	6.3	4.8	15.8
2.372	70.7	2	9:25 AM	70.7	6628	11.56	9.83	8.37	6.49	5.19	3.1	1.89	1.3	8.4	71.0	1.08	28.9	10,378	17.8	4.3	15.7	6.2	4.8	15.6
2.372	70.7	3	9:25 AM	70.7	8592	15.31	13.12	11.24	8.74	6.97	4.18	2.58	1.8	11	71.0	1.07	29.3	10,008	17.0	4.3	15.7	6.2	4.7	15.3
2.372	70.7	4	9:25 AM	70.7	8987	16.04	13.74	11.78	9.13	7.31	4.38	2.72	1.8	12	71.0	1.07	29.4	9,981	16.9	4.3	15.7	6.2	4.7	15.3
2.464	70.7	1	9:26 AM	71.1	6309	23.53	18.56	14.12	9.5	6.91	3.67	2.27	1.7	14	71.2	1.07	53.6	6,810	10.7	3.0	10.2	5.4	4.2	8.4
2.464	70.7	2	9:26 AM	71.1	6386	23.3	18.28	13.96	9.5	6.91	3.69	2.3	1.7	14	71.2	1.07	52.6	6,915	10.9	3.1	10.3	5.4	4.2	8.6
2.464	70.7	3	9:26 AM	71.1	8328	30.73	24.27	18.7	12.72	9.28	4.94	3.11	2.3	19	71.2	1.07	53.1	6,754	10.6	3.1	10.3	5.4	4.2	8.5
2.464	70.7	4	9:26 AM	71.1	8756	32.39	25.61	19.74	13.43	9.8	5.24	3.26	2.4	20	71.2	1.06	53.2	6,728	10.5	3.1	10.3	5.4	4.2	8.5

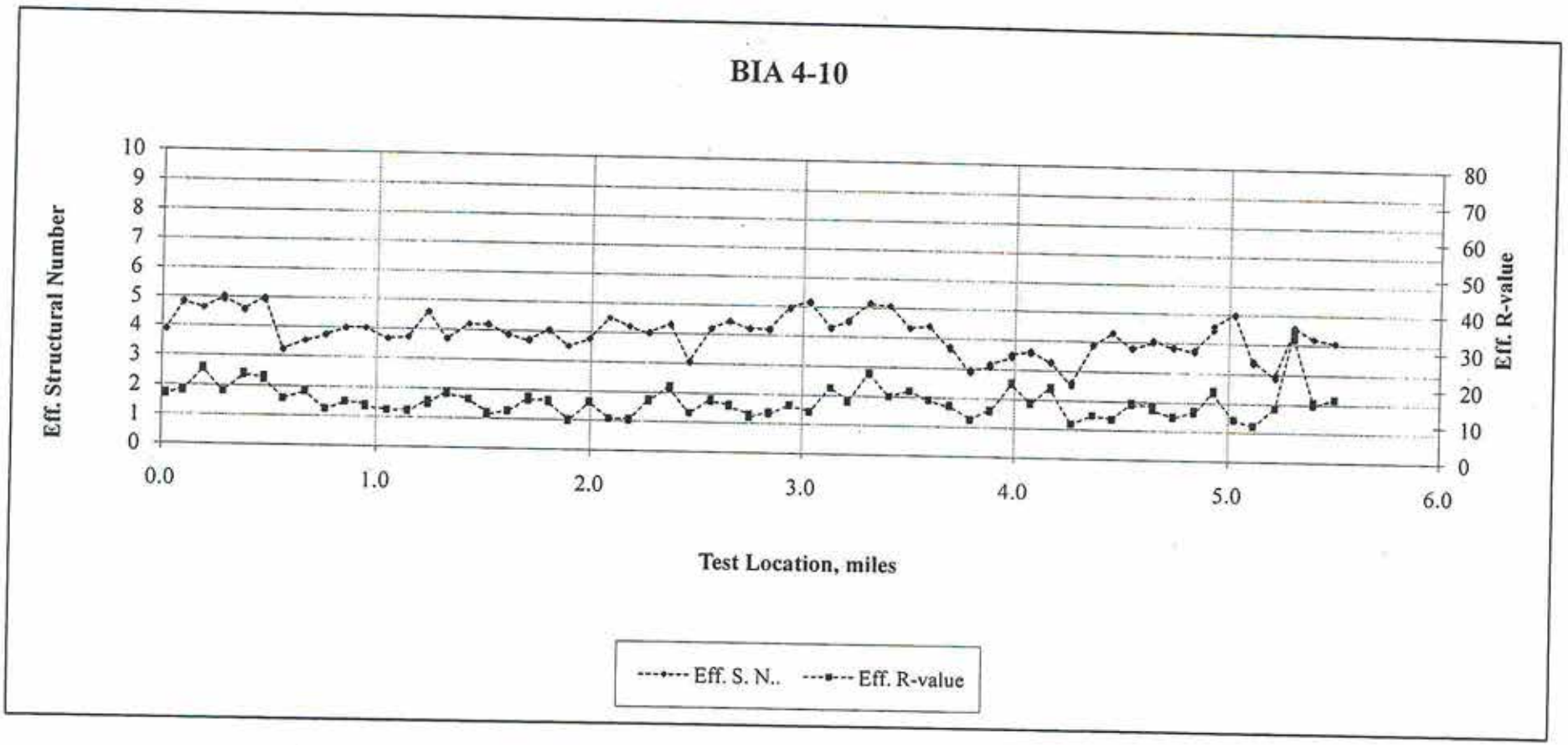
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2.565	70.7	2	9:27 AM	70.9	6507	13.74	11.79	9.91	7.54	6.08	3.89	2.65	2	9.8 71.1	1.07	33.2	8,704	14.3	4.2	14.8	6.0	4.6	13.5
2.565	70.7	3	9:27 AM	70.9	8526	18.45	15.81	13.37	10.35	8.19	5.17	3.56	2.8	13 71.1	1.07	33.9	8,465	13.9	4.2	14.6	5.9	4.6	13.3
2.565	70.7	4	9:27 AM	70.9	8844	19.16	16.44	13.92	10.74	8.52	5.41	3.71	2.8	14 71.1	1.06	33.9	8,440	13.8	4.2	14.7	5.9	4.6	13.3
2.652	71.9	1	9:28 AM	72.8	6726	13.97	12.22	10.57	8.3	6.68	4.18	2.5	1.7	11 72.1	1.06	32.5	8,139	13.2	4.5	15.5	5.9	4.6	13.8
2.652	71.9	2	9:28 AM	72.8	6617	13.86	12.03	10.43	8.18	6.58	4.03	2.61	1.9	11 72.1	1.06	32.8	8,134	13.2	4.4	15.4	5.9	4.6	13.7
2.652	71.9	3	9:28 AM	72.8	8548	18.37	15.95	13.84	10.91	8.78	5.44	3.48	2.4	14 72.1	1.06	33.4	7,870	12.7	4.4	15.3	5.9	4.6	13.5
2.652	71.9	4	9:28 AM	72.8	8965	19.32	16.76	14.54	11.47	9.26	5.72	3.66	2.6	15 72.1	1.06	33.5	7,823	12.6	4.5	15.3	5.9	4.6	13.4
2.748	71	1	9:29 AM	70.7	6650	17.37	14.78	12.64	9.87	7.89	5	3.25	2.2	13 71.0	1.06	39.3	6,844	10.7	4.2	13.8	5.6	4.4	11.5
2.748	71	2	9:29 AM	70.7	6562	17.36	14.65	12.55	9.82	7.88	5.04	3.3	2.2	13 71.0	1.06	39.7	6,762	10.6	4.2	13.8	5.6	4.4	11.3
2.748	71	3	9:29 AM	70.7	8241	22.94	19.6	16.85	13.19	10.64	6.84	4.48	3	17 71.0	1.05	41.3	6,279	9.7	4.2	13.6	5.5	4.3	10.9
2.748	71	4	9:29 AM	70.7	8745	24.42	20.94	18.02	14.17	11.42	7.34	4.8	3.3	18 71.0	1.05	41.4	6,204	9.5	4.2	13.7	5.5	4.3	10.9
2.841	70.3	1	9:30 AM	70.4	6518	16.25	13.97	12.05	9.31	7.34	4.46	3.3	2.5	12 70.9	1.06	37.9	7,214	11.4	4.2	14.0	5.7	4.4	11.9
2.841	70.3	2	9:30 AM	70.4	6397	16.26	13.85	11.96	9.24	7.31	4.54	3.2	2.5	12 70.9	1.06	38.5	7,111	11.2	4.2	13.9	5.7	4.4	11.7
2.841	70.3	3	9:30 AM	70.4	8263	21.26	18.54	15.94	12.3	9.81	5.98	4.31	3.3	16 70.9	1.06	38.9	6,832	10.7	4.2	14.0	5.6	4.4	11.6
2.841	70.3	4	9:30 AM	70.4	8800	22.89	19.84	16.92	13.07	10.53	6.63	4.5	3.4	18 70.9	1.06	39.2	6,780	10.6	4.2	13.9	5.6	4.4	11.5
2.939	70.6	1	9:32 AM	70.4	6639	11.34	10.19	9	7.46	6.33	4.41	3.13	2.4	9.2 70.9	1.06	28.1	8,220	13.4	5.0	17.9	6.1	4.7	16.0
2.939	70.6	2	9:32 AM	70.4	6540	11.39	10.19	8.96	7.44	6.34	4.44	3.12	2.4	9.2 70.9	1.06	28.5	8,092	13.1	5.0	17.8	6.0	4.7	15.8
2.939	70.6	3	9:32 AM	70.4	8636	15.39	13.44	11.93	9.89	8.39	5.83	4.12	3	12 70.9	1.06	29.0	8,121	13.2	4.9	17.4	6.0	4.7	15.5
2.939	70.6	4	9:32 AM	70.4	8899	15.5	13.81	12.19	10.14	8.62	6	4.2	3	13 70.9	1.06	28.5	8,100	13.1	5.0	17.7	6.0	4.7	15.8
3.031	71.4	1	9:33 AM	72.2	6672	11.72	10.8	9.72	8.14	6.92	4.76	3.34	2.4	9.7 71.8	1.05	28.5	7,411	11.8	5.2	18.5	6.0	4.6	15.8
3.031	71.4	2	9:33 AM	72.2	6606	11.72	10.68	9.62	8.09	6.86	4.75	3.32	2.4	9.6 71.8	1.05	28.7	7,427	11.8	5.2	18.3	6.0	4.6	15.7
3.031	71.4	3	9:33 AM	72.2	8515	15.85	14.27	12.64	10.83	9.17	6.35	4.45	3.2	13 71.8	1.05	29.7	7,193	11.4	5.1	17.9	5.9	4.6	15.1
3.031	71.4	4	9:33 AM	72.2	8888	16.45	14.85	13.39	11.24	9.6	6.63	4.63	3.4	13 71.8	1.05	29.6	7,149	11.3	5.2	18.0	5.9	4.6	15.2
3.131	71.7	1	9:34 AM	74.8	6573	11.57	9.15	7.65	6.01	5.05	3.47	2.58	2	8 73.2	1.05	28.5	10,592	18.2	4.3	15.7	6.3	4.8	15.8
3.131	71.7	2	9:34 AM	74.8	6617	11.59	9.17	7.66	6.06	5.08	3.54	2.62	2.1	8 73.2	1.05	28.4	10,598	18.2	4.3	15.8	6.3	4.8	15.9
3.131	71.7	3	9:34 AM	74.8	8559	15.25	12	10.03	7.97	6.61	4.61	3.39	2.7	10 73.2	1.05	28.7	10,540	18.1	4.3	15.6	6.3	4.8	15.7
3.131	71.7	4	9:34 AM	74.8	8976	15.68	12.48	10.46	8.3	6.92	4.81	3.54	2.8	11 73.2	1.05	28.3	10,551	18.1	4.3	15.9	6.3	4.8	15.9
3.214	71.7	1	9:35 AM	75.9	6694	12.7	10.88	9.34	7.39	6.02	3.98	2.77	2	9.4 73.8	1.05	30.0	8,996	14.9	4.5	16.1	6.1	4.7	15.0
3.214	71.7	2	9:35 AM	75.9	6551	12.59	10.7	9.18	7.28	5.93	3.94	2.74	2	9.2 73.8	1.05	30.3	8,943	14.8	4.5	16.0	6.1	4.7	14.9
3.214	71.7	3	9:35 AM	75.9	8515	16.51	14.05	12.06	9.61	7.87	5.21	3.65	2.7	12 73.8	1.05	30.5	8,748	14.4	4.5	16.1	6.1	4.7	14.8
3.214	71.7	4	9:35 AM	75.9	8888	17.03	14.64	12.57	10	8.22	5.43	3.8	2.8	13 73.8	1.05	30.2	8,730	14.4	4.6	16.2	6.1	4.7	14.9
3.316	71.5	1	9:36 AM	76.4	6847	7.44	6.5	5.83	4.91	4.24	3.11	2.28	1.7	5.7 74.0	1.05	20.1	12,574	22.5	5.2	20.6	6.7	5.1	22.4
3.316	71.5	2	9:36 AM	76.4	6694	7.28	6.35	5.7	4.81	4.17	3.06	2.24	1.7	5.6 74.0	1.05	20.1	12,477	22.3	5.2	20.7	6.7	5.1	22.4
3.316	71.5	3	9:36 AM	76.4	8800	9.83	8.47	7.59	6.41	5.56	4.05	2.95	2.2	7.5 74.0	1.05	20.4	12,355	22.0	5.1	20.4	6.7	5.1	22.0
3.316	71.5	4	9:36 AM	76.4	8943	9.95	8.59	7.7	6.51	5.63	4.12	3.01	2.3	7.6 74.0	1.05	20.4	12,397	22.1	5.1	20.4	6.7	5.1	22.1
3.410	71.7	1	9:37 AM	77.0	6661	9.94	8.88	7.85	6.5	5.48	3.85	2.78	2.1	7.8 74.4	1.04	24.9	9,561	16.1	5.1	18.9	6.3	4.8	18.1
3.410	71.7	2	9:37 AM	77.0	6694	9.87	8.83	7.81	6.46	5.46	3.85	2.78	2.1	7.8 74.4	1.04	24.7	9,634	16.2	5.1	19.0	6.3	4.8	18.2
3.410	71.7	3	9:37 AM	77.0	8756	12.95	11.53	10.22	8.5	7.18	5.06	3.67	2.8	10 74.4	1.04	24.7	9,578	16.1	5.1	19.0	6.3	4.8	18.2
3.410	71.7	4	9:37 AM	77.0	8987	13.32	11.85	10.48	8.71	7.37	5.18	3.75	2.8	11 74.4	1.04	24.8	9,582	16.1	5.1	19.0	6.3	4.8	18.2
3.506	71.6	1	9:38 AM	77.1	6507	11.61	9.79	8.28	6.38	5.11	3.36	2.36	1.8	8.3 74.4	1.04	28.5	10,359	17.7	4.3	15.9	6.3	4.8	15.8
3.506	71.6	2	9:38 AM	77.1	6573	11.76	9.75	8.26	6.39	5.14	3.37	2.38	1.8	8.2 74.4	1.04	28.6	10,406	17.8	4.3	15.8	6.3	4.8	15.7
3.506	71.6	3	9:38 AM	77.1	8636	15.49	12.93	10.96	8.51	6.85	4.52	3.19	2.4	11 74.4	1.04	28.7	10,254	17.5	4.3	15.9	6.2	4.8	15.7
3.506	71.6	4	9:38 AM	77.1	8954	15.94	13.34	11.3	8.77	7.07	4.64	3.27	2.5	11 74.4	1.04	28.5	10,299	17.6	4.4	15.9	6.3	4.8	15.8

3.597	71.4	1	9:39 AM	77.7	6452	12.63	10.7	9.06	7.09	5.72	3.76	2.68	2	9 74.7	1.04	30.5	9,162	15.3	4.4	15.7	6.1	4.7	14.7
3.597	71.4	2	9:39 AM	77.7	6562	12.65	10.72	9.11	7.15	5.74	3.85	2.7	2.1	9.1 74.7	1.04	30.2	9,284	15.5	4.4	15.8	6.1	4.7	14.9
3.597	71.4	3	9:39 AM	77.7	8548	16.55	14.04	11.97	9.41	7.58	5.03	3.54	2.7	12 74.7	1.04	30.3	9,152	15.2	4.4	15.8	6.1	4.7	14.9
3.597	71.4	4	9:39 AM	77.7	8921	17.31	14.66	12.46	9.81	7.91	5.25	3.7	2.9	13 74.7	1.04	30.3	9,155	15.2	4.4	15.8	6.1	4.7	14.8
3.696	71.6	1	9:40 AM	73.7	6441	17.14	13.65	11.04	7.85	6.04	3.67	2.58	2	11 72.6	1.06	39.8	8,373	13.7	3.6	12.5	5.8	4.5	11.3
3.696	71.6	2	9:40 AM	73.7	6485	16.46	13.35	10.82	7.74	5.94	3.64	2.59	2	11 72.6	1.06	38.3	8,617	14.2	3.7	12.9	5.9	4.5	11.8
3.696	71.6	3	9:40 AM	73.7	8405	21.42	17.54	14.24	10.25	7.87	4.81	3.42	2.7	15 72.6	1.06	38.4	8,461	13.9	3.7	12.9	5.8	4.5	11.7
3.696	71.6	4	9:40 AM	73.7	8811	22.41	18.33	14.91	10.71	8.24	5.03	3.57	2.8	15 72.6	1.06	38.3	8,473	13.9	3.7	12.9	5.8	4.5	11.7
3.793	71.6	1	9:41 AM	70.7	6277	25.17	18.51	13.92	9.32	6.91	4.2	2.83	2.4	15 71.0	1.06	57.0	6,620	10.3	2.9	9.7	5.3	4.2	7.9
3.793	71.6	2	9:41 AM	70.7	6288	24.83	18.24	13.8	9.37	6.97	4.26	2.89	2.4	15 71.0	1.06	56.2	6,626	10.3	2.9	9.8	5.3	4.2	8.0
3.793	71.6	3	9:41 AM	70.7	8208	32.46	24.22	18.43	12.51	9.34	5.66	3.86	3.1	19 71.0	1.06	56.2	6,510	10.1	3.0	9.9	5.3	4.2	8.0
3.793	71.6	4	9:41 AM	70.7	8767	34.68	26	19.89	13.5	10.09	6.09	4.15	3.4	21 71.0	1.06	56.2	6,460	10.0	3.0	9.9	5.3	4.2	8.0
3.884	72.5	1	9:42 AM	73.4	6606	21.49	15.97	11.96	8.03	5.97	3.57	2.41	1.7	13 72.5	1.06	47.3	8,098	13.1	3.1	10.7	5.6	4.4	9.5
3.884	72.5	2	9:42 AM	73.4	6485	20.91	15.57	11.73	7.93	5.94	3.59	2.42	1.7	12 72.5	1.06	46.9	8,052	13.0	3.1	10.8	5.6	4.4	9.6
3.884	72.5	3	9:42 AM	73.4	8285	27.19	20.5	15.56	10.64	7.99	4.84	3.24	2.4	16 72.5	1.06	47.6	7,735	12.4	3.1	10.9	5.6	4.3	9.5
3.884	72.5	4	9:42 AM	73.4	8734	28.5	21.53	16.36	11.22	8.52	5.11	3.44	2.5	17 72.5	1.06	47.3	7,690	12.3	3.2	10.9	5.6	4.3	9.5
3.985	72.7	1	9:43 AM	73.4	6474	14.02	10.79	8.48	5.84	4.27	2.39	1.63	1.2	8.6 72.5	1.07	34.1	11,440	20.0	3.4	12.7	6.2	4.7	13.2
3.985	72.7	2	9:43 AM	73.4	6518	13.64	10.6	8.33	5.75	4.24	2.41	1.65	1.3	8.5 72.5	1.07	33.2	11,672	20.5	3.5	12.9	6.2	4.7	13.6
3.985	72.7	3	9:43 AM	73.4	8548	17.9	13.89	10.97	7.66	5.67	3.23	2.22	1.7	11 72.5	1.07	33.2	11,511	20.2	3.5	13.0	6.2	4.7	13.6
3.985	72.7	4	9:43 AM	73.4	8932	18.57	14.5	11.46	8.03	5.96	3.39	2.32	1.8	12 72.5	1.07	33.0	11,486	20.1	3.5	13.1	6.2	4.7	13.6
4.072	72.4	1	9:44 AM	71.9	6430	15.94	12.92	10.32	7.37	5.58	3.22	2.13	1.5	10 71.7	1.07	37.9	9,034	15.0	3.6	12.7	5.9	4.5	11.9
4.072	72.4	2	9:44 AM	71.9	6309	15.72	12.34	9.84	7.04	5.34	3.11	2.06	1.4	9.8 71.7	1.07	38.1	9,195	15.3	3.5	12.6	5.9	4.5	11.8
4.072	72.4	3	9:44 AM	71.9	8350	20.48	16.54	13.26	9.53	7.26	4.28	2.8	2	13 71.7	1.07	37.6	9,043	15.0	3.6	12.8	5.9	4.5	12.0
4.072	72.4	4	9:44 AM	71.9	8811	21.86	17.56	14.11	10.19	7.74	4.59	3.01	2.2	14 71.7	1.07	37.9	8,948	14.8	3.6	12.8	5.9	4.5	11.9
4.167	72.1	1	9:45 AM	71.6	6430	14.71	11.51	8.78	5.81	4.24	2.39	1.62	1.2	8.5 71.5	1.08	35.9	11,240	19.6	3.2	12.1	6.1	4.7	12.5
4.167	72.1	2	9:45 AM	71.6	6309	14.44	11.13	8.55	5.7	4.17	2.39	1.61	1.2	8.3 71.5	1.08	35.9	11,222	19.6	3.3	12.2	6.1	4.7	12.5
4.167	72.1	3	9:45 AM	71.6	8274	19.06	14.68	11.33	7.61	5.59	3.19	2.16	1.6	11 71.5	1.08	36.1	11,034	19.2	3.3	12.2	6.1	4.6	12.5
4.167	72.1	4	9:45 AM	71.6	8789	20.26	15.69	12.14	8.19	6.02	3.44	2.32	1.8	12 71.5	1.08	36.1	10,930	18.9	3.3	12.2	6.1	4.6	12.5
4.264	72.4	1	9:46 AM	73.2	6101	29.1	20.51	14.26	9.19	6.76	4.14	3.1	2.5	15 72.4	1.05	65.9	6,169	9.5	2.5	8.6	5.1	4.1	6.8
4.264	72.4	2	9:46 AM	73.2	6277	28.76	20.47	14.4	9.41	6.95	4.26	3.13	2.5	15 72.4	1.05	63.5	6,272	9.7	2.6	8.9	5.2	4.1	7.1
4.264	72.4	3	9:46 AM	73.2	8186	37.53	27.08	19.1	12.47	9.17	5.56	4.16	3.3	20 72.4	1.05	63.6	6,227	9.6	2.6	8.9	5.2	4.1	7.1
4.264	72.4	4	9:46 AM	73.2	8756	40.11	29.09	20.63	13.34	9.87	6.03	4.45	3.5	22 72.4	1.05	63.5	6,206	9.5	2.6	8.9	5.2	4.1	7.1
4.364	72.1	1	9:47 AM	74.1	6386	17.36	14.62	12.19	8.89	6.82	4.02	2.9	2.4	12 72.8	1.05	40.3	7,505	12.0	3.9	13.0	5.7	4.4	11.2
4.364	72.1	2	9:47 AM	74.1	6463	17.41	14.56	12.04	8.67	6.87	4.33	2.86	2.2	12 72.8	1.05	40.0	7,545	12.1	3.9	13.1	5.7	4.4	11.3
4.364	72.1	3	9:47 AM	74.1	8438	22.67	19.19	15.94	11.69	9.04	5.65	3.68	2.8	16 72.8	1.05	39.9	7,497	12.0	3.9	13.1	5.7	4.4	11.3
4.364	72.1	4	9:47 AM	74.1	8976	24.32	20.46	17.01	12.39	9.63	6	4	3.1	17 72.8	1.05	40.2	7,479	11.9	3.9	13.0	5.7	4.4	11.2
4.454	71.9	1	9:48 AM	72.2	6331	15.7	13.93	12	9.33	7.31	4.36	2.79	2.1	12 71.8	1.06	37.5	7,020	11.1	4.3	14.3	5.7	4.4	12.0
4.454	71.9	2	9:48 AM	72.2	6485	15.87	14.07	12.13	9.43	7.44	4.41	2.86	2.1	12 71.8	1.06	37.1	7,060	11.1	4.3	14.5	5.7	4.4	12.1
4.454	71.9	3	9:48 AM	72.2	8482	21.28	18.7	16.13	12.58	9.88	5.86	3.76	2.8	16 71.8	1.06	37.9	6,960	10.9	4.3	14.2	5.7	4.4	11.9
4.454	71.9	4	9:48 AM	72.2	8789	22.16	19.47	16.8	13.12	10.31	6.13	3.92	2.9	17 71.8	1.06	38.0	6,910	10.9	4.3	14.2	5.7	4.4	11.8
4.546	71.4	1	9:49 AM	74.6	6441	14.82	12.08	9.84	7.11	5.4	3.12	2.09	1.5	10 73.1	1.06	35.3	9,434	15.8	3.8	13.4	6.0	4.6	12.7
4.546	71.4	2	9:49 AM	74.6	6364	14.42	11.86	9.67	7.01	5.34	3.11	2.05	1.5	9.8 73.1	1.06	34.9	9,456	15.9	3.8	13.5	6.0	4.6	12.9
4.546	71.4	3	9:49 AM	74.6	8318	19.37	15.92	13.01	9.46	7.23	4.19	2.77	2.1	13 73.1	1.06	35.6	9,142	15.2	3.8	13.5	6.0	4.6	12.6
4.546	71.4	4	9:49 AM	74.6	8822	20.87	16.98	13.89	10.12	7.71	4.46	2.96	2.2	14 73.1	1.06	36.1	9,075	15.1	3.8	13.3	5.9	4.6	12.5

4.643	71.5	1	9:51 AM	76.3	6661	14.83	12.04	9.94	7.46	5.86	3.8	2.66	2.1	9.9	74.0	1.05	34.0	9,118	15.2	4.0	14.1	6.0	4.6	13.2
4.643	71.5	2	9:51 AM	76.3	6628	14.53	11.87	9.81	7.39	5.84	3.81	2.69	2.1	9.7	74.0	1.04	33.6	9,124	15.2	4.0	14.3	6.0	4.6	13.4
4.643	71.5	3	9:51 AM	76.3	8328	19.26	15.9	13.2	9.99	7.89	5.17	3.64	2.8	13	74.0	1.04	35.0	8,505	13.9	4.1	14.1	5.9	4.6	12.9
4.643	71.5	4	9:51 AM	76.3	8658	20.15	16.77	13.93	10.56	8.35	5.46	3.86	2.9	14	74.0	1.04	35.2	8,364	13.7	4.1	14.2	5.9	4.5	12.8
4.738	71.3	1	9:52 AM	70.3	6507	17.83	14.67	12.09	9.02	6.99	4.31	3.02	2.4	12	70.9	1.06	41.1	7,459	11.9	3.8	12.8	5.7	4.4	11.0
4.738	71.3	2	9:52 AM	70.3	6551	17.36	14.39	11.93	8.86	6.91	4.31	3.02	2.4	12	70.9	1.06	40.0	7,512	12.2	3.9	13.0	5.7	4.4	11.3
4.738	71.3	3	9:52 AM	70.3	8603	23.44	19.4	16.1	12.1	9.42	5.83	4.07	3.1	16	70.9	1.06	40.9	7,342	11.7	3.9	12.9	5.7	4.4	11.0
4.738	71.3	4	9:52 AM	70.3	8976	24.4	20.28	16.83	12.67	9.85	6.09	4.24	3.2	17	70.9	1.06	40.8	7,330	11.7	3.9	13.0	5.7	4.4	11.0
4.836	71.8	1	9:53 AM	78.7	6353	17.2	13.6	11.02	7.95	6.07	3.64	2.44	1.8	11	75.3	1.04	39.6	8,221	13.4	3.7	12.7	5.8	4.5	11.4
4.836	71.8	2	9:53 AM	78.7	6364	16.52	13.11	10.66	7.71	5.86	3.56	2.41	1.8	11	75.3	1.04	38.2	8,540	14.0	3.7	12.9	5.8	4.5	11.8
4.836	71.8	3	9:53 AM	78.7	8460	22.39	18.11	14.77	10.77	8.21	5.03	3.41	2.5	15	75.3	1.03	38.8	8,160	13.3	3.8	13.0	5.8	4.5	11.6
4.836	71.8	4	9:53 AM	78.7	8899	24.07	19.25	15.72	11.49	8.8	5.39	3.66	2.7	16	75.3	1.03	39.5	8,003	13.0	3.8	12.9	5.8	4.5	11.4
4.927	71.9	1	9:54 AM	80.0	6584	10.78	9	7.77	6.03	4.84	3.1	2.1	1.6	7.8	76.0	1.03	26.4	11,054	19.2	4.5	16.6	6.4	4.9	17.0
4.927	71.9	2	9:54 AM	80.0	6485	10.01	8.69	7.49	5.81	4.68	3.02	2.06	1.6	7.5	76.0	1.03	25.3	11,226	19.6	4.6	17.2	6.4	4.9	17.8
4.927	71.9	3	9:54 AM	80.0	8691	13.76	11.92	10.31	8.06	6.49	4.18	2.85	2.1	10	76.0	1.03	25.8	10,839	18.7	4.6	17.2	6.4	4.9	17.5
4.927	71.9	4	9:54 AM	80.0	9031	14.31	12.42	10.75	8.39	6.77	4.36	2.96	2.2	11	76.0	1.03	25.8	10,794	18.6	4.6	17.2	6.4	4.9	17.4
5.025	72.4	1	9:55 AM	77.7	6408	12.73	11.39	10.19	8.4	7.06	4.74	3.19	2.2	10	74.8	1.03	30.7	7,128	11.3	5.0	17.4	5.9	4.6	14.6
5.025	72.4	2	9:55 AM	77.7	6485	12.87	11.33	10.12	8.35	7.01	4.74	3.19	2.3	10	74.8	1.03	30.7	7,301	11.6	5.0	17.2	5.9	4.6	14.7
5.025	72.4	3	9:55 AM	77.7	8603	16.98	15.2	13.59	11.27	9.43	6.4	4.35	3.2	13	74.8	1.03	30.6	7,161	11.3	5.0	17.4	5.9	4.6	14.7
5.025	72.4	4	9:55 AM	77.7	8954	17.86	15.83	14.2	11.77	9.85	6.68	4.55	3.3	14	74.8	1.03	30.8	7,150	11.3	5.0	17.3	5.9	4.6	14.6
5.115	72.8	1	9:56 AM	78.1	6156	22.64	16.94	13.37	9.5	7.4	4.75	3.35	2.5	14	75.0	1.03	51.3	6,408	9.9	3.3	10.9	5.4	4.2	8.8
5.115	72.8	2	9:56 AM	78.1	6331	22.67	17.01	13.49	9.65	7.54	4.89	3.4	2.6	14	75.0	1.03	50.1	6,499	10.1	3.4	11.1	5.4	4.2	9.0
5.115	72.8	3	9:56 AM	78.1	8263	30.14	22.76	18.18	13.1	10.21	6.56	4.67	3.5	18	75.0	1.03	50.9	6,293	9.7	3.4	11.1	5.4	4.2	8.8
5.115	72.8	4	9:56 AM	78.1	8778	31.98	24.35	19.47	14.05	10.99	7.06	4.97	3.7	20	75.0	1.03	50.8	6,234	9.6	3.4	11.1	5.3	4.2	8.9
5.219	72.6	1	9:57 AM	75.3	6288	20.18	14.15	10.38	6.86	4.88	2.81	1.97	1.5	11	73.5	1.06	46.6	8,951	14.8	2.8	10.4	5.7	4.4	9.7
5.219	72.6	2	9:57 AM	75.3	6441	20.29	14.13	10.42	6.93	4.96	2.88	2	1.5	11	73.5	1.06	45.9	9,061	15.1	2.9	10.5	5.7	4.4	9.8
5.219	72.6	3	9:57 AM	75.3	8350	25.95	18.47	13.76	9.2	6.65	3.84	2.7	2.1	14	73.5	1.05	45.3	8,923	14.8	3.0	10.7	5.7	4.4	9.9
5.219	72.6	4	9:57 AM	75.3	8811	27.37	19.61	14.63	9.85	7.11	4.14	2.87	2.2	15	73.5	1.05	45.3	8,851	14.6	3.0	10.8	5.7	4.4	9.9
5.306	72.6	1	9:58 AM	77.6	6748	6.43	5.39	4.61	3.66	2.99	2.03	1.43	1	4.5	74.7	1.05	18.5	18,294	35.8	4.5	18.6	7.1	5.4	24.4
5.306	72.6	2	9:58 AM	77.6	6551	6.15	5.25	4.43	3.52	2.94	1.99	1.4	1	4.4	74.7	1.05	18.3	18,010	35.1	4.6	18.9	7.1	5.4	24.6
5.306	72.6	3	9:58 AM	77.6	8614	8.26	7.13	6.06	4.87	3.99	2.72	1.92	1.4	6.1	74.7	1.05	18.5	17,428	33.7	4.6	19.0	7.0	5.3	24.3
5.306	72.6	4	9:58 AM	77.6	8954	8.71	7.45	6.33	5.07	4.18	2.85	2.02	1.5	6.4	74.7	1.05	18.7	17,307	33.4	4.6	18.9	7.0	5.3	24.1
5.398	72	1	9:59 AM	79.4	6551	13.02	10.23	8.52	6.55	5.35	3.68	2.7	2.1	8.6	75.7	1.03	30.7	9,869	16.7	4.2	15.1	6.2	4.7	14.7
5.398	72	2	9:59 AM	79.4	6463	12.97	10.17	8.47	6.57	5.33	3.67	2.68	2.1	8.6	75.7	1.03	30.9	9,774	16.5	4.2	15.0	6.1	4.7	14.5
5.398	72	3	9:59 AM	79.4	8460	17.32	13.7	11.46	8.92	7.25	5.01	3.69	2.8	12	75.7	1.03	31.4	9,422	15.8	4.2	15.1	6.1	4.7	14.3
5.398	72	4	9:59 AM	79.4	8833	18.25	14.4	12.07	9.41	7.63	5.27	3.87	3	12	75.7	1.03	31.6	9,347	15.6	4.2	15.0	6.1	4.7	14.2
5.498	73.4	1	10:00 AM	80.8	6529	13.17	10.43	8.52	6.38	5.06	3.44	2.56	2.2	8.8	76.4	1.03	30.9	10,306	17.6	4.0	14.7	6.2	4.7	14.6
5.498	73.4	2	10:00 AM	80.8	6452	13	10.34	8.46	6.33	5.04	3.41	2.56	2.1	8.8	76.4	1.03	30.9	10,240	17.5	4.1	14.7	6.2	4.7	14.6
5.498	73.4	3	10:00 AM	80.8	8460	16.99	13.56	11.11	8.36	6.65	4.5	3.39	2.7	12	76.4	1.03	30.8	10,191	17.4	4.1	14.8	6.2	4.7	14.6
5.498	73.4	4	10:00 AM	80.8	8844	17.78	14.08	11.56	8.68	6.93	4.67	3.53	2.8	12	76.4	1.03	30.8	10,217	17.4	4.1	14.8	6.2	4.7	14.6

BIA 4-10


Allowable Spring Axle Load, Tons
30
25
20
15
10
5
0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
Test Location, miles
AASHTO
TONN


BIA 4-10
Eff. Structural Number
Eff. R-value
Test Location, miles
0.0
1.0
2.0
3.0
4.0
5.0
6.0
Eff. S. N..
Eff. R-value

County:	Shannon County SD
Date Tested:	6/20/2008
Julian:	172
Highway	BIA 2-20
From:	BIA 41
To:	East 1.8 Miles
Dir	EB
Prev Day Temp	75 °F
Bit. Thickness	4 inches
Daily ESALs	2
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	18,648
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.43

	X1	X2	X3	X4	X5	X6	X7	X8
	1200	200	300	450	600	900	1200	1500
	47.2	7.87	11.8	17.7	23.6	35	47.2	59.1
	47.2	7.87	11.8	17.7	23.6	35	47.2	59.1
	24.47	15.98	10.36	6.11	4.23	2.42	1.74	1.35
	1.00	0.65	0.42	0.25	0.17	0.10	0.07	0.06

1.3

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

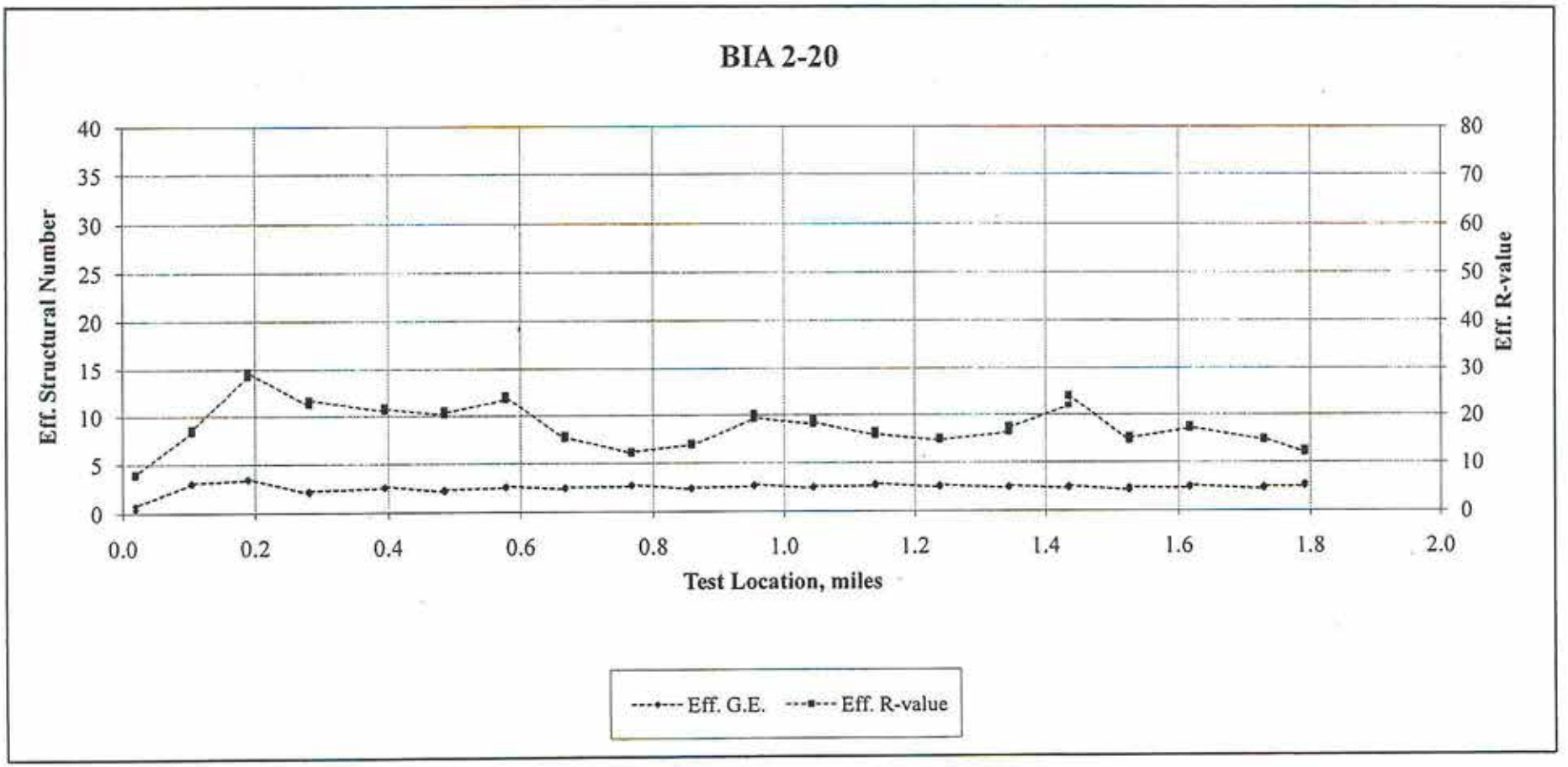
Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

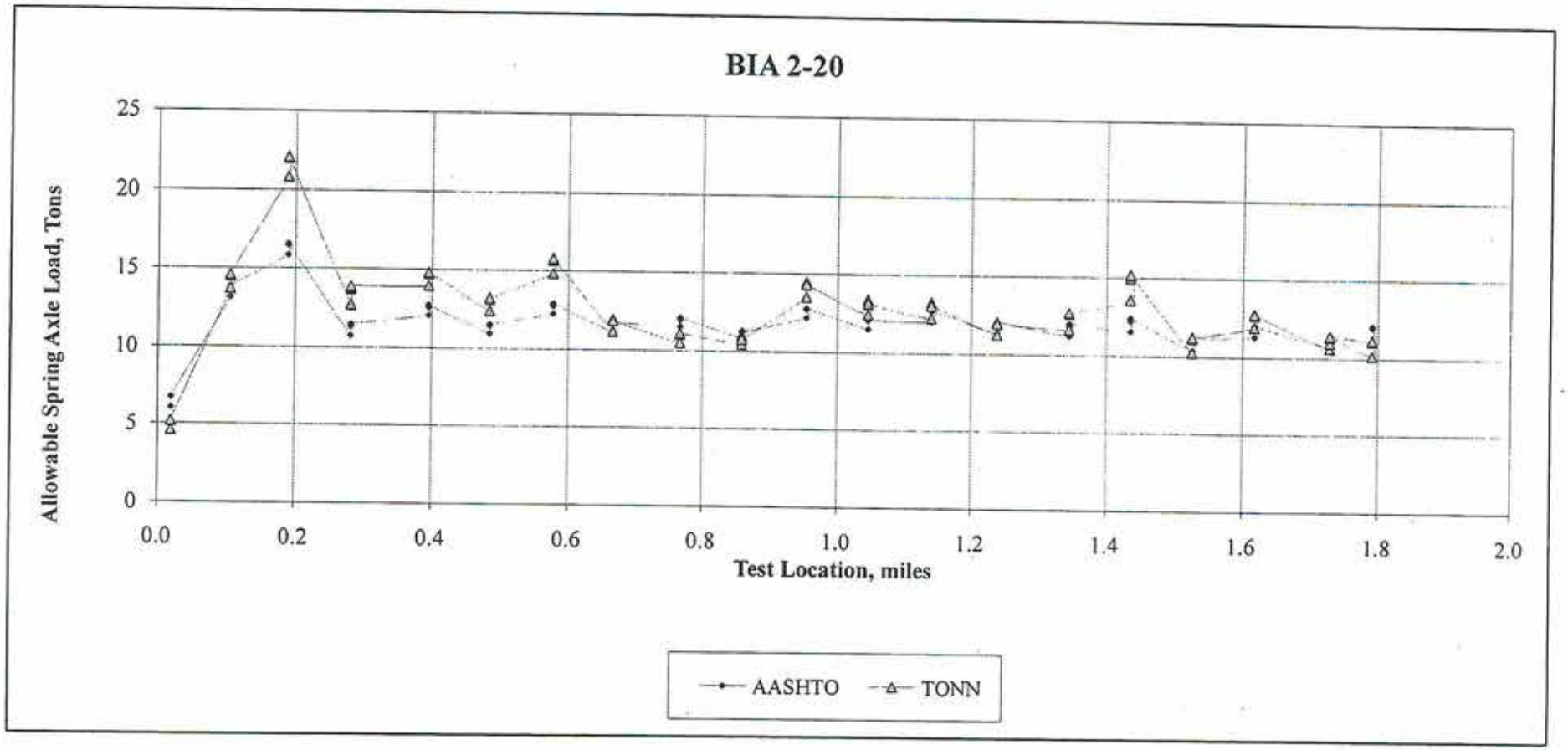
Summary of Analysis Results								
					Axle Load for Design Defl. Tons			
	$_8BB_{30}$ mils	Esg psi	Eff. R-val	Eff SN inches	AASHTO			TONN Tons
Avg. =	49.2	10,265	17.7	2.5	11.9			12.7
Median =	46.04	9,969	16.9	2.5	12.0			12.7
Std.Dev. =	16.61	2,282	4.8	0.5	1.7			3.0
85th % =	39.56	8,410	13.8	2.3	11.2			11.0

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
0.019	80.6	1	1:04 PM	97.3	6177.8	58.8	34.8	18.4	7.9	4.4	2.4	2.0	1.7	20.2	89.3	0.94	127.2	5,217	7.8	0.4	6.0	6.3	4.6	4.6
0.019	80.6	2	1:04 PM	97.3	6232.7	52.2	32.2	18.1	8.4	4.8	2.4	2.0	1.7	19.3	89.3	0.94	112.7	5,380	8.1	0.8	6.7	6.4	4.7	5.2
0.019	80.6	3	1:04 PM	97.3	7790.8	65.4	41.2	23.5	10.9	6.1	3.2	2.6	2.2	24.9	89.3	0.94	113.1	5,331	8.0	0.8	6.7	6.4	4.7	5.2
0.019	80.6	4	1:04 PM	97.3	8361.4	69.9	44.5	25.5	11.9	6.6	3.5	2.9	2.4	27.1	89.3	0.94	112.8	5,314	7.9	0.8	6.7	6.4	4.7	5.2
0.104	81.1	1	1:05 PM	99.1	6474.1	18.7	12.6	8.9	5.7	4.2	2.5	1.8	1.4	9.0	90.5	0.93	42.8	9,657	16.7	2.9	13.1	7.5	5.7	13.7
0.104	81.1	2	1:05 PM	99.1	6485.0	17.3	12.1	8.6	5.6	4.1	2.5	1.8	1.4	8.6	90.5	0.93	40.1	10,215	17.4	3.1	13.8	7.6	5.8	14.6
0.104	81.1	3	1:05 PM	99.1	8196.8	22.0	15.6	11.1	7.3	5.4	3.2	2.3	1.8	11.2	90.5	0.93	40.3	10,057	17.1	3.1	13.8	7.6	5.8	14.5
0.104	81.1	4	1:05 PM	99.1	8690.6	23.2	16.4	11.8	7.7	5.7	3.4	2.4	1.9	11.9	90.5	0.93	40.0	10,066	17.1	3.1	13.9	7.6	5.8	14.6
0.189	81.9	1	1:06 PM	97.0	6528.9	11.2	7.2	5.2	3.6	2.9	2.0	1.5	1.2	5.2	89.1	0.93	28.1	15,218	28.5	3.4	15.9	8.1	6.3	20.8
0.189	81.9	2	1:06 PM	97.0	6616.7	10.5	7.1	5.1	3.7	2.9	2.0	1.5	1.2	5.1	89.1	0.93	26.6	15,694	29.6	3.5	16.5	8.1	6.4	22.0
0.189	81.9	3	1:06 PM	97.0	8251.7	13.1	8.8	6.5	4.6	3.7	2.5	1.9	1.5	6.4	89.1	0.93	26.6	15,600	29.4	3.5	16.5	8.1	6.4	22.0
0.189	81.9	4	1:06 PM	97.0	8756.4	13.8	9.3	6.9	4.9	3.9	2.6	2.0	1.6	6.9	89.1	0.93	26.5	15,615	29.4	3.5	16.6	8.1	6.4	22.1
0.281	79.8	1	1:07 PM	97.1	6309.5	20.1	11.7	6.6	3.5	2.3	1.4	1.0	0.8	6.6	89.2	0.92	45.9	12,593	22.5	2.0	10.8	7.5	5.8	12.7
0.281	79.8	2	1:07 PM	97.1	6353.4	18.6	11.0	6.5	3.5	2.4	1.4	1.0	0.8	6.5	89.2	0.92	42.8	13,068	23.6	2.2	11.3	7.6	5.9	13.7
0.281	79.8	3	1:07 PM	97.1	8032.2	23.3	14.1	8.4	4.5	3.1	1.8	1.3	1.0	8.5	89.2	0.92	42.4	12,997	23.4	2.2	11.4	7.6	5.9	13.8
0.281	79.8	4	1:07 PM	97.1	8558.9	24.6	15.0	8.9	4.8	3.3	1.9	1.4	1.1	9.0	89.2	0.92	42.1	13,063	23.6	2.2	11.5	7.6	5.9	13.9
0.395	80.0	1	1:09 PM	97.5	6320.4	18.0	11.4	7.3	4.2	2.9	1.6	1.2	1.0	7.3	89.5	0.92	41.9	11,952	21.1	2.5	12.1	7.6	5.8	14.0
0.395	80.0	2	1:09 PM	97.5	6342.4	16.8	10.9	7.1	4.2	2.9	1.7	1.2	1.0	7.1	89.5	0.92	39.5	12,392	22.1	2.6	12.6	7.7	5.9	14.8
0.395	80.0	3	1:09 PM	97.5	8032.2	21.4	14.0	9.1	5.5	3.8	2.1	1.6	1.3	9.1	89.5	0.92	39.7	12,184	21.6	2.7	12.7	7.7	5.9	14.7
0.395	80.0	4	1:09 PM	97.5	8558.9	22.6	14.9	9.8	5.8	4.0	2.3	1.7	1.4	9.8	89.5	0.92	39.5	12,163	21.6	2.7	12.7	7.7	5.9	14.8
0.484	80.7	1	1:10 PM	98.0	6353.4	21.0	13.2	8.2	4.3	2.7	1.3	1.0	0.8	8.4	89.9	0.91	47.0	11,597	20.4	2.1	11.0	7.5	5.7	12.4
0.484	80.7	2	1:10 PM	98.0	6397.3	19.7	12.6	8.0	4.3	2.7	1.3	1.0	0.8	8.1	89.9	0.91	44.2	12,023	21.3	2.3	11.4	7.5	5.8	13.2
0.484	80.7	3	1:10 PM	98.0	8043.2	24.9	16.2	10.3	5.6	3.5	1.7	1.2	1.0	10.4	89.9	0.91	44.5	11,792	20.8	2.3	11.5	7.5	5.8	13.1
0.484	80.7	4	1:10 PM	98.0	8580.9	26.5	17.3	11.1	6.0	3.8	1.8	1.3	1.1	11.3	89.9	0.91	44.3	11,742	20.7	2.3	11.6	7.5	5.8	13.2

0.577	81.6	1	1:11 PM	97.7	6309.5	16.8	10.1	6.4	3.7	2.6	1.5	1.1	0.9	6.5	89.7	0.92	39.4	13,059	23.6	2.5	12.3	7.7	5.9	14.8
0.577	81.6	2	1:11 PM	97.7	6331.4	15.8	9.7	6.3	3.7	2.6	1.5	1.2	0.9	6.3	89.7	0.92	37.4	13,443	24.4	2.6	12.8	7.7	6.0	15.7
0.577	81.6	3	1:11 PM	97.7	8010.3	19.9	12.4	8.1	4.8	3.4	2.0	1.5	1.2	8.2	89.7	0.92	37.3	13,322	24.2	2.7	12.8	7.7	6.0	15.7
0.577	81.6	4	1:11 PM	97.7	8504.1	21.0	13.1	8.6	5.2	3.6	2.1	1.6	1.3	8.8	89.7	0.92	37.0	13,325	24.2	2.7	12.9	7.7	6.0	15.8
0.666	79.8	1	1:12 PM	96.8	6353.4	22.9	14.9	9.6	5.6	3.9	2.4	1.8	1.4	9.6	89.1	0.94	52.3	9,167	15.3	2.3	11.1	7.3	5.5	11.2
0.666	79.8	2	1:12 PM	96.8	6386.3	21.2	14.1	9.4	5.6	3.9	2.4	1.8	1.4	9.3	89.1	0.94	48.8	9,499	16.0	2.5	11.7	7.4	5.6	12.0
0.666	79.8	3	1:12 PM	96.8	8032.2	26.9	18.0	12.0	7.2	5.0	3.1	2.3	1.8	12.1	89.1	0.94	49.2	9,381	15.7	2.5	11.7	7.4	5.6	11.9
0.666	79.8	4	1:12 PM	96.8	8580.9	28.9	19.3	13.0	7.7	5.4	3.4	2.5	2.0	13.1	89.1	0.94	49.3	9,303	15.6	2.5	11.7	7.4	5.6	11.9
0.766	78.2	1	1:13 PM	97.6	6276.5	24.0	15.7	10.7	6.9	5.2	3.4	2.5	1.9	10.7	89.7	0.95	55.6	7,582	12.1	2.6	11.5	7.2	5.4	10.5
0.766	78.2	2	1:13 PM	97.6	6298.5	22.8	15.2	10.5	6.9	5.2	3.4	2.5	1.9	10.6	89.7	0.95	53.0	7,759	12.5	2.7	12.0	7.2	5.4	11.0
0.766	78.2	3	1:13 PM	97.6	7933.5	28.6	19.2	13.5	8.9	6.6	4.3	3.2	2.4	13.6	89.7	0.95	52.8	7,699	12.4	2.8	12.0	7.2	5.4	11.1
0.766	78.2	4	1:13 PM	97.6	8438.2	30.2	20.4	14.4	9.4	7.1	4.6	3.4	2.6	14.5	89.7	0.95	52.6	7,704	12.4	2.8	12.1	7.2	5.4	11.1
0.858	77.4	1	1:14 PM	97.6	6331.4	24.7	16.5	11.0	6.3	4.2	2.4	1.9	1.5	10.9	89.7	0.93	55.9	8,440	13.8	2.3	10.9	7.2	5.4	10.5
0.858	77.4	2	1:14 PM	97.6	6342.4	23.3	15.6	10.6	6.2	4.2	2.5	1.9	1.6	10.7	89.7	0.93	53.0	8,667	14.3	2.4	11.3	7.3	5.5	11.0
0.858	77.4	3	1:14 PM	97.6	7999.3	30.0	20.3	13.9	8.1	5.5	3.2	2.4	2.0	13.9	89.7	0.93	54.0	8,446	13.8	2.4	11.2	7.2	5.4	10.8
0.858	77.4	4	1:14 PM	97.6	8482.1	32.0	21.7	14.9	8.7	5.9	3.3	2.6	2.1	15.0	89.7	0.93	54.3	8,385	13.7	2.4	11.2	7.2	5.4	10.8
0.953	77.0	1	1:15 PM	96.4	6254.6	18.3	12.0	7.9	4.6	3.2	1.8	1.3	1.0	8.3	88.9	0.93	43.2	11,111	19.3	2.6	12.2	7.5	5.8	13.5
0.953	77.0	2	1:15 PM	96.4	6287.5	16.9	11.2	7.5	4.5	3.2	1.8	1.3	1.0	8.0	88.9	0.93	40.4	11,608	20.4	2.7	12.8	7.6	5.8	14.5
0.953	77.0	3	1:15 PM	96.4	7955.4	21.6	14.6	9.8	6.0	4.2	2.4	1.7	1.3	10.2	88.9	0.93	40.8	11,321	19.8	2.7	12.8	7.6	5.8	14.3
0.953	77.0	4	1:15 PM	96.4	8493.1	23.2	15.7	10.6	6.5	4.6	2.6	1.8	1.4	11.1	88.9	0.93	40.9	11,198	19.5	2.8	12.8	7.6	5.8	14.3
1.045	76.7	1	1:16 PM	96.5	6265.6	20.2	12.8	8.1	4.7	3.2	1.8	1.2	0.9	8.3	89.0	0.93	46.9	10,582	18.2	2.4	11.5	7.4	5.7	12.5
1.045	76.7	2	1:16 PM	96.5	6298.5	18.6	11.9	7.7	4.6	3.2	1.7	1.2	0.9	8.0	89.0	0.93	43.6	11,143	19.4	2.5	12.1	7.5	5.8	13.4
1.045	76.7	3	1:16 PM	96.5	7922.5	23.8	15.5	10.1	6.0	4.2	2.3	1.6	1.2	10.3	89.0	0.93	44.3	10,799	18.7	2.6	12.1	7.5	5.7	13.2
1.045	76.7	4	1:16 PM	96.5	8460.2	25.5	16.7	10.9	6.5	4.5	2.5	1.7	1.3	11.1	89.0	0.93	44.4	10,727	18.5	2.6	12.1	7.5	5.7	13.2
1.140	76.8	1	1:18 PM	97.4	6265.6	20.4	13.0	8.5	5.4	3.9	2.3	1.5	1.1	8.7	89.6	0.93	47.7	9,459	15.9	2.6	12.0	7.4	5.6	12.3
1.140	76.8	2	1:18 PM	97.4	6331.4	18.8	12.3	8.3	5.4	4.0	2.3	1.5	1.0	8.5	89.6	0.93	44.1	9,881	16.7	2.8	12.7	7.5	5.7	13.3
1.140	76.8	3	1:18 PM	97.4	8010.3	24.2	16.0	10.9	7.0	5.2	3.0	2.0	1.4	11.2	89.6	0.93	44.7	9,605	16.2	2.8	12.7	7.5	5.7	13.1
1.140	76.8	4	1:18 PM	97.4	8493.1	25.6	17.1	11.7	7.6	5.6	3.3	2.1	1.5	12.0	89.6	0.93	44.7	9,540	16.0	2.8	12.8	7.5	5.6	13.1
1.238	76.2	1	1:19 PM	97.1	6265.6	22.4	14.2	9.0	5.6	4.1	2.4	1.7	1.3	9.3	89.4	0.94	51.9	8,908	14.8	2.5	11.4	7.3	5.5	11.3
1.238	76.2	2	1:19 PM	97.1	6309.5	20.8	13.6	8.9	5.7	4.1	2.5	1.7	1.3	9.1	89.4	0.94	48.4	9,188	15.3	2.6	12.0	7.4	5.6	12.1
1.238	76.2	3	1:19 PM	97.1	7977.4	26.6	17.5	11.6	7.4	5.4	3.2	2.2	1.7	11.9	89.4	0.94	48.9	8,995	14.9	2.7	12.0	7.4	5.6	12.0
1.238	76.2	4	1:19 PM	97.1	8504.1	28.3	18.8	12.5	8.0	5.8	3.5	2.4	1.9	12.7	89.4	0.94	48.8	8,938	14.8	2.7	12.1	7.4	5.5	12.0
1.344	76.1	1	1:21 PM	98.2	6353.4	22.5	14.5	9.3	5.3	3.5	1.7	0.9	0.6	9.5	90.2	0.91	50.2	9,747	16.5	2.3	11.3	7.4	5.6	11.7
1.344	76.1	2	1:21 PM	98.2	6342.4	20.3	13.3	8.7	5.1	3.4	1.7	0.9	0.6	8.9	90.2	0.91	46.1	10,341	17.7	2.5	11.9	7.5	5.7	12.7
1.344	76.1	3	1:21 PM	98.2	8043.2	25.6	17.0	11.3	6.6	4.5	2.1	1.2	0.8	11.5	90.2	0.91	45.9	10,208	17.4	2.6	12.0	7.5	5.7	12.7
1.344	76.1	4	1:21 PM	98.2	7384.8	23.5	15.7	10.4	6.1	4.1	2.0	1.1	0.7	10.6	90.2	0.91	45.9	10,160	17.4	2.6	12.0	7.5	5.7	12.8
1.434	79.2	1	1:27 PM	97.7	6419.2	19.2	11.7	7.3	4.1	2.6	1.2	0.7	0.5	7.3	90.0	0.90	43.0	12,353	22.0	2.3	11.6	7.6	5.8	13.6
1.434	79.2	2	1:27 PM	97.7	6518.0	17.5	10.7	6.9	3.9	2.6	1.2	0.7	0.5	6.9	90.0	0.90	39.2	13,270	24.0	2.5	12.3	7.7	5.9	14.9
1.434	79.2	3	1:27 PM	97.7	8196.8	21.6	13.6	8.8	5.0	3.2	1.5	0.9	0.6	8.9	90.0	0.90	38.6	13,362	24.3	2.5	12.4	7.7	5.9	15.1
1.434	79.2	4	1:27 PM	97.7	8646.7	22.7	14.3	9.3	5.3	3.5	1.6	0.9	0.6	9.4	90.0	0.90	38.4	13,340	24.2	2.5	12.5	7.7	6.0	15.2
1.526	77.6	1	1:28 PM	96.3	6430.2	25.9	17.3	10.9	6.0	3.8	1.8	1.2	1.0	10.9	89.1	0.92	56.9	8,852	14.6	2.1	10.4	7.2	5.4	10.3
1.526	77.6	2	1:28 PM	96.3	6452.1	23.3	15.8	10.3	5.9	3.8	1.8	1.2	1.0	10.3	89.1	0.93	51.8	9,291	15.5	2.3	11.2	7.3	5.5	11.3
1.526	77.6	3	1:28 PM	96.3	8065.1	29.4	20.1	13.2	7.6	5.0	2.4	1.6	1.3	13.1	89.1	0.93	52.2	9,099	15.1	2.4	11.2	7.3	5.5	11.2
1.526	77.6	4	1:28 PM	96.3	8602.8	31.1	21.4	14.1	8.2	5.3	2.6	1.7	1.4	14.1	89.1	0.93	52.0	9,107	15.2	2.4	11.2	7.3	5.5	11.3

1.617	76.8	1	1:29 PM	96.1	6353.4	21.3	13.7	8.7	5.0	3.5	2.0	1.5	1.2	9.0	89.0	0.93	48.9	10,092	17.2	2.4	11.3	7.4	5.6	12.0
1.617	76.8	2	1:29 PM	96.1	6408.2	19.8	13.1	8.6	5.1	3.6	2.1	1.5	1.2	8.8	89.0	0.93	45.5	10,357	17.7	2.6	12.0	7.5	5.7	12.8
1.617	76.8	3	1:29 PM	96.1	8096.1	25.3	16.9	11.2	6.6	4.6	2.7	1.9	1.5	11.3	89.0	0.93	46.0	10,214	17.4	2.6	12.0	7.5	5.7	12.7
1.617	76.8	4	1:29 PM	96.1	8493.1	26.4	17.7	11.8	7.0	4.9	2.8	2.1	1.7	11.9	89.0	0.93	45.8	10,183	17.4	2.6	12.1	7.5	5.7	12.8
1.728	76.8	1	1:30 PM	96.2	6342.4	24.2	15.4	9.4	5.5	3.9	2.3	1.7	1.3	9.9	89.1	0.93	54.9	8,919	14.8	2.2	10.8	7.2	5.5	10.7
1.728	76.8	2	1:30 PM	96.2	6397.3	22.5	14.7	9.4	5.6	4.0	2.3	1.7	1.3	9.6	89.1	0.94	51.1	9,121	15.2	2.5	11.4	7.3	5.5	11.4
1.728	76.8	3	1:30 PM	96.2	8087.1	28.6	18.9	12.2	7.4	5.2	3.0	2.2	1.7	12.5	89.1	0.94	51.5	8,964	14.9	2.5	11.5	7.3	5.5	11.4
1.728	76.8	4	1:30 PM	96.2	7362.9	25.8	17.2	11.1	6.7	4.8	2.7	2.0	1.5	11.4	89.1	0.94	51.1	9,023	15.0	2.5	11.5	7.3	5.5	11.5
1.728	77.1	1	1:32 PM	95.7	6375.3	23.3	15.2	9.7	5.8	4.1	2.4	1.7	1.3	9.9	88.8	0.94	53.1	8,850	14.6	2.4	11.2	7.3	5.5	11.0
1.728	77.1	2	1:32 PM	95.7	6397.3	22.5	14.9	9.6	5.8	4.1	2.4	1.7	1.3	9.7	88.8	0.94	51.3	9,041	15.0	2.5	11.4	7.3	5.5	11.4
1.728	77.1	3	1:32 PM	95.7	8076.1	28.3	18.9	12.2	7.4	5.3	3.0	2.2	1.7	12.5	88.8	0.94	51.1	8,974	14.9	2.5	11.5	7.3	5.5	11.4
1.728	77.1	4	1:32 PM	95.7	7395.8	25.8	17.3	11.2	6.8	4.8	2.8	2.0	1.5	11.4	88.8	0.94	51.0	9,031	15.0	2.5	11.5	7.3	5.5	11.5
1.791	76.6	1	1:33 PM	94.7	6309.5	24.8	16.6	11.0	7.0	5.1	3.2	2.4	1.9	11.2	88.1	0.95	57.4	7,538	12.1	2.5	11.2	7.1	5.3	10.2
1.791	76.6	2	1:33 PM	94.7	6342.4	22.4	15.3	10.6	7.0	5.2	3.2	2.4	1.9	10.7	88.1	0.95	52.2	7,869	12.7	2.7	12.1	7.2	5.4	11.2
1.791	76.6	3	1:33 PM	94.7	7977.4	28.3	19.5	13.6	8.9	6.6	4.1	3.0	2.4	13.7	88.1	0.95	52.5	7,800	12.6	2.8	12.0	7.2	5.4	11.1
1.791	76.6	4	1:33 PM	94.7	7450.7	26.2	18.2	12.7	8.4	6.2	3.9	2.8	2.2	12.8	88.1	0.95	52.1	7,807	12.6	2.8	12.1	7.2	5.4	11.2


BIA 2-20
Eff. Structural Number
Eff. R-value
Test Location, miles
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
Eff. G.E.
Eff. R-value


BIA 2-20
Allowable Spring Axle Load, Tons
25
20
15
10
5
0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
Test Location, miles
AASHTO
TONN

County:	Shannon
Date Tested:	6/20/2008
Julian:	172
Highway	BIA 2-60
From:	BIA 41
To:	Gravel
Dir	EB
Prev Day Temp	75 °F
Bit. Thickness	5.8 inches
Daily ESALs	31.5
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	293,700
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.25

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	1500
	0	7.87	11.8	17.7	23.6	35	47.2	59.1
	0	7.87	11.8	17.7	23.6	35	47.2	59.1
	30.81	22.54	16.93	11.52	8.59	5.14	3.53	2.71
	1.00	0.73	0.55	0.37	0.28	0.17	0.11	0.09

1.3

Cells highlighted in green can be modified by the user.
Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

	Summary of Analysis Results							
					Axle Load for Design Defl. Tons			
	$_sBB_{60}$ mils	Esg psi	Eff. R-val	Eff SN inches	AASHTO	S.F	Inv. 183	TONN Tons
Avg. =	53.0	6,970	11.2	3.3	10.6	5.0	4.0	9.5
Median =	50.78	6,454	10.0	3.3	10.3	4.9	4.0	8.9
Std.Dev. =	17.87	2,907	6.4	0.7	2.6	0.5	0.3	3.5
85th % =	34.89	4,884	7.2	2.6	8.1	4.5	3.8	6.5

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method Soil Fact.	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method Inv 183	Inv. 603 TONN Method
0.019	84.8	1	5:07 PM	106.9	6233	25.69	18.21	13.31	8.72	6.18	3.56	2.51	1.97	13	100.4	0.87	47.7	7,118	11.2	3.4	10.6	5.1	4.1	9.4
0.019	84.8	2	5:07 PM	106.9	6386	24.86	17.88	13.17	8.72	6.27	3.68	2.62	2.09	13	100.4	0.87	45.4	7,323	11.6	3.5	11.0	5.2	4.1	9.9
0.019	84.8	3	5:07 PM	106.9	8361	33.76	24.17	17.96	11.78	8.55	4.96	3.45	2.67	18	100.4	0.87	47.0	7,042	11.1	3.4	10.8	5.1	4.1	9.6
0.019	84.8	4	5:07 PM	106.9	8789	35.71	25.5	19.03	12.46	9.08	5.27	3.7	2.88	19	100.4	0.87	47.3	6,981	11.0	3.4	10.8	5.1	4.1	9.5
0.101	83.5	1	5:08 PM	105.2	6068	55.46	37.28	22.56	13.99	9.78	5.4	4	3.16	24	99.3	0.90	103.3	3,826	5.4	2.0	6.1	4.0	3.5	4.4
0.101	83.5	2	5:08 PM	105.2	6167	51.78	35.87	22.67	14.27	10.08	5.66	3.87	3	24	99.3	0.91	95.6	3,947	5.6	2.2	6.5	4.1	3.5	4.7
0.101	83.5	3	5:08 PM	105.2	8010	64.52	46.5	29.4	18.59	13.26	7.52	5.11	3.95	30	99.3	0.91	92.1	3,992	5.7	2.3	6.7	4.1	3.5	4.9
0.101	83.5	4	5:08 PM	105.2	8636	67.8	49.62	31.66	20.19	14.38	8.18	5.57	4.37	32	99.3	0.91	90.0	4,023	5.8	2.4	6.9	4.1	3.6	5.0
0.195	83.2	1	5:09 PM	106.0	6298	29.43	23.76	19.22	13.59	10.17	5.94	3.96	3	19	99.8	0.91	55.7	4,924	7.3	3.7	10.4	4.6	3.9	8.1
0.195	83.2	2	5:09 PM	106.0	6309	28.25	22.94	18.65	13.3	10.02	5.94	3.99	3.02	19	99.8	0.91	53.6	5,037	7.5	3.8	10.7	4.7	3.9	8.4
0.195	83.2	3	5:09 PM	106.0	8318	37.75	30.62	24.94	17.93	13.49	8	5.38	4.1	25	99.8	0.91	54.3	4,941	7.3	3.8	10.7	4.6	3.9	8.3
0.195	83.2	4	5:09 PM	106.0	8691	39.7	32.15	26.21	18.84	14.2	8.44	5.68	4.3	27	99.8	0.91	54.7	4,905	7.2	3.8	10.6	4.6	3.9	8.2
0.297	82.5	1	5:10 PM	104.6	6068	39.48	30.28	22.87	15.83	11.63	6.41	4.11	3.13	24	98.9	0.92	76.3	3,964	5.7	3.0	8.2	4.2	3.6	5.9
0.297	82.5	2	5:10 PM	104.6	6101	38.44	29.52	22.53	15.64	11.56	6.43	4.17	3.16	23	98.9	0.92	74.0	4,036	5.8	3.1	8.4	4.2	3.7	6.1
0.297	82.5	3	5:10 PM	104.6	8076	50.8	39.56	30.35	21.26	15.65	8.73	5.67	4.36	32	98.9	0.92	74.0	3,976	5.7	3.1	8.4	4.2	3.7	6.1
0.297	82.5	4	5:10 PM	104.6	8614	53.91	42.17	32.28	22.49	16.7	9.52	5.82	4.7	34	98.9	0.92	73.8	3,981	5.7	3.1	8.4	4.2	3.7	6.1
0.387	81.6	1	5:11 PM	103.8	6266	21.33	17.98	15.49	12.32	10.16	6.5	4.13	2.86	16	98.4	0.92	42.7	5,071	7.5	4.6	13.5	4.8	4.0	10.5
0.387	81.6	2	5:11 PM	103.8	6408	20.85	17.93	15.45	12.3	10.14	6.51	4.17	2.92	16	98.4	0.92	41.0	5,184	7.7	4.7	13.9	4.9	4.1	11.0
0.387	81.6	3	5:11 PM	103.8	8328	27.47	23.63	20.39	16.34	13.45	8.66	5.58	3.9	21	98.4	0.92	41.5	5,075	7.5	4.7	13.8	4.9	4.0	10.8
0.387	81.6	4	5:11 PM	103.8	8789	29.61	25	21.58	17.24	14.24	9.18	5.88	4.05	22	98.4	0.92	42.3	5,070	7.5	4.7	13.6	4.8	4.0	10.6
0.478	81	1	5:12 PM	101.9	6298	22.9	19.85	17.58	14.19	11.48	7.18	4.56	3.24	18	97.2	0.93	45.7	4,481	6.5	4.7	13.1	4.7	4.0	9.8
0.478	81	2	5:12 PM	101.9	6353	22.08	19.56	17.33	13.98	11.35	7.12	4.56	3.23	18	97.2	0.93	43.9	4,551	6.6	4.8	13.6	4.7	4.0	10.2
0.478	81	3	5:12 PM	101.9	8307	29.65	25.85	22.88	18.48	14.98	9.39	5.95	4.2	24	97.2	0.93	45.0	4,523	6.6	4.7	13.3	4.7	4.0	10.0
0.478	81	4	5:12 PM	101.9	8822	31.63	27.56	24.4	19.67	15.95	10	6.33	4.44	25	97.2	0.93	45.2	4,513	6.6	4.7	13.2	4.7	4.0	10.0

0.570	80.4	1	5:13 PM	104.4	5903	55.56	34.87	23.78	14.01	9.76	5.92	4.4	3.51	28	98.8	0.91	107.4	3,723	5.3	1.9	5.9	3.9	3.5	4.2
0.570	80.4	2	5:13 PM	104.4	6035	52.61	33.98	23.89	14.38	10.07	6.15	4.35	3.56	27	98.8	0.92	100.0	3,837	5.4	2.1	6.3	4.0	3.5	4.5
0.570	80.4	3	5:13 PM	104.4	7846	67.58	44.76	31.72	19.01	13.27	8.07	5.7	4.52	36	98.8	0.92	99.0	3,829	5.4	2.1	6.3	4.0	3.5	4.5
0.570	80.4	4	5:13 PM	104.4	8416	71.77	48.11	34.24	20.54	14.36	8.68	6.12	4.87	38	98.8	0.92	98.0	3,828	5.4	2.2	6.4	4.0	3.5	4.6
0.674	80.2	1	5:14 PM	104.2	5739	60.59	38.44	24.38	14.5	10.24	5.99	4.12	3.22	26	98.7	0.92	120.2	3,388	4.7	1.7	5.4	3.8	3.4	3.7
0.674	80.2	2	5:14 PM	104.2	5772	56.34	36.8	23.98	14.45	10.24	6.02	4.14	3.22	25	98.7	0.92	111.5	3,525	4.9	1.9	5.8	3.9	3.4	4.0
0.674	80.2	3	5:14 PM	104.2	7659	73.81	49.56	32.59	19.64	13.93	8.29	5.7	4.25	34	98.7	0.92	110.5	3,498	4.9	1.9	5.8	3.9	3.4	4.1
0.674	80.2	4	5:14 PM	104.2	8230	79.28	53.17	35.26	21.39	15.13	8.89	6.1	4.62	36	98.7	0.92	110.4	3,478	4.9	1.9	5.8	3.9	3.4	4.1
0.763	80.2	1	5:16 PM	104.3	5947	59.09	37.78	25.35	14.99	10.36	5.92	4.33	3.56	28	98.8	0.91	113.0	3,530	5.0	1.8	5.7	3.9	3.4	4.0
0.763	80.2	2	5:16 PM	104.3	5991	54.26	36.66	25.08	15.22	10.61	6.19	4.41	3.57	27	98.8	0.92	103.8	3,650	5.1	2.1	6.1	3.9	3.5	4.3
0.763	80.2	3	5:16 PM	104.3	7912	71.35	48.43	33.97	20.67	14.31	8.39	5.88	4.67	36	98.8	0.92	103.6	3,614	5.1	2.1	6.2	3.9	3.5	4.3
0.763	80.2	4	5:16 PM	104.3	8394	75.11	52.29	36.57	22.33	15.17	8.93	6.32	4.99	38	98.8	0.92	102.8	3,629	5.1	2.1	6.2	3.9	3.5	4.4
0.856	80.3	1	5:17 PM	102.0	6233	28.89	23.39	19.28	13.88	10.5	5.99	3.91	2.98	20	97.3	0.92	56.1	4,773	7.0	3.7	10.5	4.6	3.9	8.0
0.856	80.3	2	5:17 PM	102.0	6255	28.13	22.77	18.8	13.58	10.31	5.95	3.93	2.99	20	97.3	0.92	54.5	4,887	7.2	3.8	10.7	4.6	3.9	8.3
0.856	80.3	3	5:17 PM	102.0	8263	37.52	30.5	25.19	18.24	13.82	7.93	5.13	3.83	27	97.3	0.92	55.0	4,821	7.1	3.8	10.6	4.6	3.9	8.2
0.856	80.3	4	5:17 PM	102.0	8822	40.47	32.67	27	19.57	14.85	8.54	5.52	4.19	29	97.3	0.92	55.6	4,787	7.0	3.8	10.5	4.6	3.9	8.1
0.952	79.5	1	5:18 PM	102.9	6057	31.8	22.66	16.68	11.04	8.19	5.16	3.74	2.94	17	97.9	0.91	62.0	5,360	8.0	3.1	9.1	4.6	3.8	7.3
0.952	79.5	2	5:18 PM	102.9	6189	30.82	22.02	16.33	10.94	8.19	5.23	3.65	2.85	17	97.9	0.91	59.1	5,540	8.3	3.2	9.4	4.7	3.9	7.6
0.952	79.5	3	5:18 PM	102.9	8076	40.11	29.29	21.76	14.67	10.96	6.98	4.9	3.89	22	97.9	0.91	59.0	5,457	8.2	3.2	9.5	4.7	3.9	7.6
0.952	79.5	4	5:18 PM	102.9	8691	43.06	31.58	23.51	15.91	11.83	7.49	5.43	4.37	24	97.9	0.91	58.9	5,451	8.2	3.2	9.5	4.7	3.9	7.6
1.051	78.8	1	5:19 PM	99.9	6178	28.55	18.95	14.19	9.12	6.74	4.04	2.8	2.22	15	96.0	0.90	55.0	6,421	9.9	3.1	9.6	4.9	4.0	8.2
1.051	78.8	2	5:19 PM	99.9	6200	26.74	18.37	13.91	9.03	6.7	4.01	2.8	2.21	15	96.0	0.90	51.6	6,636	10.3	3.2	10.1	5.0	4.0	8.7
1.051	78.8	3	5:19 PM	99.9	8241	36.31	25.33	19.19	12.53	9.27	5.63	3.94	3.06	20	96.0	0.91	52.8	6,421	9.9	3.2	10.0	4.9	4.0	8.5
1.051	78.8	4	5:19 PM	99.9	8756	38.43	27.15	20.57	13.46	9.92	6	4.2	3.3	22	96.0	0.91	52.6	6,402	9.9	3.2	10.0	4.9	4.0	8.6
1.141	78.6	1	5:20 PM	100.7	6255	24.43	18.77	14.3	9.47	6.83	3.97	2.93	2.34	14	96.5	0.90	47.1	6,836	10.7	3.5	10.9	5.1	4.1	9.6
1.141	78.6	2	5:20 PM	100.7	6375	23.53	18.43	14.12	9.41	6.85	4.02	2.93	2.35	14	96.5	0.90	44.8	7,044	11.1	3.6	11.4	5.1	4.1	10.1
1.141	78.6	3	5:20 PM	100.7	8296	31.38	24.46	18.79	12.61	9.19	5.39	3.94	3.18	19	96.5	0.90	45.8	6,845	10.7	3.6	11.2	5.1	4.1	9.8
1.141	78.6	4	5:20 PM	100.7	8745	32.87	25.8	19.82	13.32	9.72	5.69	4.17	3.35	20	96.5	0.90	45.6	6,844	10.7	3.6	11.3	5.1	4.1	9.9
1.242	78.2	1	5:21 PM	99.4	6200	29.24	21.8	16.44	10.8	7.53	4.06	2.85	2.32	17	95.7	0.91	56.1	5,966	9.1	3.2	9.7	4.8	3.9	8.0
1.242	78.2	2	5:21 PM	99.4	6288	28.48	21.39	16.21	10.71	7.54	4.1	2.88	2.32	17	95.7	0.90	54.1	6,105	9.4	3.3	9.9	4.9	4.0	8.3
1.242	78.2	3	5:21 PM	99.4	8296	38.6	29.06	22.09	14.75	10.3	5.61	3.97	3.2	23	95.7	0.91	55.5	5,914	9.0	3.2	9.8	4.8	3.9	8.1
1.242	78.2	4	5:21 PM	99.4	8691	40.88	30.5	23.24	15.56	10.88	5.91	4.18	3.37	25	95.7	0.91	56.1	5,859	8.9	3.2	9.7	4.8	3.9	8.0
1.327	78.3	1	5:22 PM	98.9	6123	25.81	17.76	12.81	8.61	6.48	3.91	2.74	2.11	13	95.3	0.91	50.7	6,781	10.6	3.2	10.2	5.0	4.0	8.9
1.327	78.3	2	5:22 PM	98.9	6255	25.17	17.25	12.5	8.43	6.36	3.8	2.61	1.98	13	95.3	0.90	48.6	7,075	11.2	3.3	10.5	5.1	4.1	9.3
1.327	78.3	3	5:22 PM	98.9	8274	33.46	23.38	17.07	11.6	8.77	5.26	3.68	2.83	18	95.3	0.91	48.9	6,882	10.8	3.3	10.5	5.1	4.1	9.2
1.327	78.3	4	5:22 PM	98.9	8713	35.33	24.65	18.03	12.28	9.27	5.56	3.97	3.08	19	95.3	0.91	49.0	6,858	10.8	3.3	10.5	5.0	4.1	9.2
1.431	78.5	1	5:23 PM	98.2	6046	41.81	27.16	21.19	14.48	10.96	6.81	4.8	3.67	23	94.9	0.94	82.5	4,024	5.8	2.7	7.5	4.2	3.6	5.5
1.431	78.5	2	5:23 PM	98.2	6101	38.85	26.28	20.61	14.23	10.83	6.77	4.82	3.68	22	94.9	0.94	76.4	4,201	6.0	2.9	8.0	4.3	3.7	5.9
1.431	78.5	3	5:23 PM	98.2	8043	50.52	35.01	27.57	19.16	14.53	9.03	6.37	4.89	29	94.9	0.94	75.4	4,173	6.0	2.9	8.1	4.3	3.7	6.0
1.431	78.5	4	5:23 PM	98.2	8713	54.52	37.77	29.72	20.64	15.75	9.75	6.86	5.34	31	94.9	0.94	75.2	4,176	6.0	3.0	8.1	4.3	3.7	6.0
1.518	78.1	1	5:24 PM	98.0	6233	25.18	19.3	15.17	11.08	8.51	5	3.2	2.31	16	94.8	0.92	49.7	5,792	8.8	3.7	11.0	4.9	4.0	9.1
1.518	78.1	2	5:24 PM	98.0	6452	25.11	19.26	15.24	11.2	8.61	5.07	3.25	2.36	16	94.8	0.92	48.0	5,947	9.1	3.8	11.3	4.9	4.0	9.4
1.518	78.1	3	5:24 PM	98.0	8285	33.06	25.39	20.16	14.9	11.42	6.73	4.34	3.22	22	94.8	0.92	49.2	5,768	8.8	3.8	11.2	4.9	4.0	9.1
1.518	78.1	4	5:24 PM	98.0	8745	34.93	26.84	21.27	15.76	12.11	7.15	4.59	3.34	23	94.8	0.92	49.3	5,747	8.7	3.8	11.2	4.9	4.0	9.1

1.620	78.4	1	5:25 PM	96.7	6266	23.62	17.93	13.83	9.5	7.12	4.35	3.1	2.39	14	93.9	0.92	46.6	6,735	10.5	3.6	11.1	5.1	4.1	9.7
1.620	78.4	2	5:25 PM	96.7	6342	22.8	17.29	13.4	9.3	7.02	4.35	3.1	2.46	13	93.9	0.92	44.7	6,960	10.9	3.7	11.4	5.1	4.1	10.1
1.620	78.4	3	5:25 PM	96.7	8328	30.3	23.09	17.93	12.47	9.39	5.81	4.13	3.26	18	93.9	0.92	45.2	6,847	10.7	3.7	11.4	5.1	4.1	10.0
1.620	78.4	4	5:25 PM	96.7	8800	32.05	24.43	18.98	13.22	9.96	6.15	4.38	3.48	19	93.9	0.92	45.3	6,826	10.7	3.7	11.4	5.1	4.1	9.9
1.709	78.4	1	5:26 PM	95.9	6277	22.93	18.34	14.81	10.46	7.81	4.61	3.13	2.4	15	93.4	0.92	45.6	6,368	9.8	3.8	11.6	5.0	4.1	9.9
1.709	78.4	2	5:26 PM	95.9	6331	21.94	17.63	14.27	10.13	7.62	4.56	3.12	2.39	15	93.4	0.92	43.5	6,615	10.3	3.9	12.0	5.1	4.1	10.3
1.709	78.4	3	5:26 PM	95.9	8241	29.81	23.46	19	13.55	10.18	6.08	4.15	3.22	20	93.4	0.92	45.3	6,418	9.9	3.8	11.7	5.0	4.1	9.9
1.709	78.4	4	5:26 PM	95.9	8910	32.44	25.52	20.69	14.78	11.11	6.61	4.52	3.48	22	93.4	0.92	45.5	6,363	9.8	3.8	11.6	5.0	4.1	9.9
1.807	78.1	1	5:27 PM	95.1	6386	12.85	9.59	7.62	5.67	4.59	3.08	2.28	1.78	7.8	92.9	0.91	27.2	11,148	19.4	4.3	15.4	6.0	4.6	16.5
1.807	78.1	2	5:27 PM	95.1	6463	12.23	9.22	7.37	5.55	4.52	3.08	2.29	1.8	7.6	92.9	0.91	25.9	11,538	20.2	4.4	15.9	6.0	4.7	17.4
1.807	78.1	3	5:27 PM	95.1	8559	16.49	12.44	9.97	7.53	6.11	4.16	3.08	2.39	10	92.9	0.91	26.3	11,308	19.7	4.4	15.8	6.0	4.6	17.1
1.807	78.1	4	5:27 PM	95.1	8932	17.28	12.96	10.43	7.88	6.38	4.34	3.22	2.52	11	92.9	0.91	26.4	11,294	19.7	4.4	15.8	6.0	4.6	17.0
1.898	77.8	1	5:28 PM	94.6	6266	25.83	20.58	16.68	11.88	8.89	5.12	3.42	2.6	17	92.6	0.93	51.3	5,599	8.4	3.7	10.8	4.8	4.0	8.8
1.898	77.8	2	5:28 PM	94.6	6331	25.32	19.94	16.19	11.56	8.72	5.09	3.44	2.61	17	92.6	0.93	49.9	5,769	8.8	3.7	11.0	4.9	4.0	9.0
1.898	77.8	3	5:28 PM	94.6	8274	33.63	26.57	21.58	15.44	11.68	6.84	4.63	3.44	22	92.6	0.93	50.7	5,639	8.5	3.7	10.9	4.8	4.0	8.9
1.898	77.8	4	5:28 PM	94.6	8713	35.56	28	22.78	16.21	12.33	7.27	4.93	3.6	23	92.6	0.93	50.9	5,623	8.5	3.7	10.9	4.8	4.0	8.8
1.997	77.8	1	5:29 PM	95.1	6123	27.81	19.81	13.88	8.39	6.38	3.86	2.56	1.98	14	92.9	0.92	55.1	6,645	10.4	3.0	9.5	4.9	4.0	8.2
1.997	77.8	2	5:29 PM	95.1	6145	26.54	18.8	13.34	8.15	6.27	3.94	2.59	1.89	13	92.9	0.92	52.7	6,867	10.8	3.1	9.8	5.0	4.0	8.5
1.997	77.8	3	5:29 PM	95.1	8153	35.56	25.89	18.48	11.36	8.72	5.39	3.57	2.63	18	92.9	0.92	53.2	6,649	10.4	3.1	9.8	5.0	4.0	8.5
1.997	77.8	4	5:29 PM	95.1	8713	38.08	27.83	19.9	12.37	9.42	5.7	3.84	2.96	20	92.9	0.92	53.3	6,600	10.3	3.1	9.8	4.9	4.0	8.4
2.085	77.2	1	5:31 PM	92.3	6375	12.94	10.61	8.8	6.54	5.16	3.14	2.17	1.63	8.8	91.1	0.92	27.8	10,094	17.2	4.5	15.7	5.8	4.6	16.2
2.085	77.2	2	5:31 PM	92.3	6595	12.95	10.63	8.82	6.62	5.24	3.23	2.22	1.68	8.8	91.1	0.92	27.1	10,301	17.6	4.5	16.0	5.9	4.6	16.6
2.085	77.2	3	5:31 PM	92.3	8548	17.09	13.87	11.52	8.68	6.87	4.25	2.89	2.19	12	91.1	0.92	27.5	10,176	17.3	4.5	15.9	5.9	4.6	16.4
2.085	77.2	4	5:31 PM	92.3	8899	17.49	14.38	11.97	9	7.15	4.43	3.01	2.27	12	91.1	0.92	27.1	10,199	17.4	4.6	16.1	5.9	4.6	16.6
2.188	77.4	1	5:32 PM	93.1	6331	25.87	18.7	14.13	9.53	6.95	3.83	2.47	1.85	14	91.7	0.93	50.4	6,705	10.5	3.3	10.3	5.0	4.0	8.9
2.188	77.4	2	5:32 PM	93.1	6266	24.28	17.59	13.32	9.05	6.64	3.71	2.4	1.81	14	91.7	0.92	48.1	6,990	11.0	3.4	10.6	5.1	4.1	9.4
2.188	77.4	3	5:32 PM	93.1	8318	31.91	23.56	17.95	12.28	9.04	5.08	3.28	2.49	19	91.7	0.93	47.7	6,900	10.8	3.4	10.7	5.1	4.1	9.4
2.188	77.4	4	5:32 PM	93.1	8800	33.62	24.87	18.94	13	9.58	5.38	3.49	2.67	20	91.7	0.93	47.6	6,903	10.8	3.4	10.8	5.1	4.1	9.5
2.273	78.4	1	5:33 PM	93.8	6255	19.51	14.75	11.53	8.37	6.65	4.48	3.22	2.46	12	92.1	0.93	40.1	7,454	11.9	3.9	12.4	5.3	4.2	11.2
2.273	78.4	2	5:33 PM	93.8	6342	18.78	14.52	11.42	8.35	6.67	4.52	3.26	2.5	11	92.1	0.93	38.3	7,609	12.2	4.0	12.9	5.3	4.2	11.7
2.273	78.4	3	5:33 PM	93.8	8328	25.38	19.36	15.3	11.26	8.99	6.07	4.37	3.31	15	92.1	0.93	39.3	7,409	11.8	4.0	12.7	5.3	4.2	11.4
2.273	78.4	4	5:33 PM	93.8	8789	26.85	20.41	16.15	11.91	9.51	6.43	4.61	3.52	16	92.1	0.93	39.4	7,391	11.8	4.0	12.7	5.3	4.2	11.4
2.375	78.1	1	5:34 PM	91.4	6551	14.69	11.32	9.24	6.94	5.55	3.5	2.37	1.64	9.3	90.6	0.93	30.4	9,563	16.1	4.3	14.8	5.7	4.5	14.8
2.375	78.1	2	5:34 PM	91.4	6628	14.11	11.15	9.13	6.9	5.51	3.54	2.35	1.64	9.2	90.6	0.93	29.1	9,798	16.6	4.4	15.2	5.8	4.5	15.5
2.375	78.1	3	5:34 PM	91.4	8669	19.03	15.06	12.38	9.4	7.54	4.84	3.26	2.28	13	90.6	0.93	29.9	9,385	15.7	4.4	15.1	5.7	4.5	15.1
2.375	78.1	4	5:34 PM	91.4	8877	19.52	15.45	12.73	9.66	7.74	4.96	3.35	2.35	13	90.6	0.93	29.9	9,363	15.7	4.4	15.1	5.7	4.5	15.0
2.466	77.4	1	5:35 PM	93.0	6178	30.08	21.59	15.67	10.35	7.53	4.11	2.63	2.01	16	91.6	0.93	59.3	5,881	9.0	3.0	9.2	4.8	3.9	7.6
2.466	77.4	2	5:35 PM	93.0	6255	28.92	20.74	15.17	10.13	7.41	4.07	2.63	2.04	15	91.6	0.93	56.5	6,105	9.4	3.1	9.5	4.8	3.9	8.0
2.466	77.4	3	5:35 PM	93.0	8241	39.05	28	20.52	13.76	10.11	5.68	3.67	2.76	21	91.6	0.93	57.9	5,919	9.0	3.1	9.4	4.8	3.9	7.8
2.466	77.4	4	5:35 PM	93.0	8658	41.32	29.53	21.7	14.52	10.75	6.13	3.91	2.92	22	91.6	0.93	58.4	5,858	8.9	3.1	9.3	4.8	3.9	7.7
2.566	77.5	1	5:36 PM	92.1	6189	29.31	18.43	12.96	8.32	5.76	3.35	2.27	1.71	14	91.0	0.92	57.5	6,961	10.9	2.7	8.9	4.9	4.0	7.8
2.566	77.5	2	5:36 PM	92.1	6331	27.78	18.12	12.9	8.31	5.79	3.38	2.31	1.73	14	91.0	0.92	53.7	7,270	11.5	2.8	9.4	5.0	4.0	8.4
2.566	77.5	3	5:36 PM	92.1	8318	35.63	23.96	17.12	11.13	7.77	4.57	3.11	2.38	18	91.0	0.93	52.6	7,257	11.5	2.9	9.6	5.1	4.0	8.6
2.566	77.5	4	5:36 PM	92.1	8745	37.08	25.29	18.2	11.8	8.26	4.87	3.35	2.55	19	91.0	0.93	52.1	7,242	11.5	3.0	9.6	5.1	4.0	8.6

2.655	78.5	1	5:37 PM	92.2	6266	39.97	20.61	10.31	5.51	3.64	1.64	0.89	0.61	14	91.1	0.89	72.9	7,633	12.2	1.6	6.8	4.9	3.9	6.2
2.655	78.5	2	5:37 PM	92.2	6298	36.73	19.76	10.3	5.43	3.63	1.62	0.86	0.59	13	91.1	0.89	67.0	8,025	13.0	1.8	7.2	5.0	3.9	6.7
2.655	78.5	3	5:37 PM	92.2	8405	45.76	24.81	13.07	6.99	4.6	2.07	1.09	0.75	17	91.1	0.89	62.8	8,526	14.0	1.8	7.5	5.1	4.0	7.2
2.655	78.5	4	5:37 PM	92.2	8811	46.92	25.71	13.65	7.3	4.85	2.19	1.2	0.91	17	91.1	0.89	61.6	8,599	14.1	1.9	7.6	5.1	4.0	7.3
2.751	77.8	1	5:38 PM	90.0	6342	25.46	19.85	15.87	11.07	7.96	4.23	2.72	2.1	16	89.7	0.94	50.5	6,167	9.5	3.5	10.6	4.9	4.0	8.9
2.751	77.8	2	5:38 PM	90.0	6408	24.57	19.21	15.38	10.78	7.81	4.23	2.72	2.09	16	89.7	0.94	48.5	6,381	9.9	3.6	10.9	5.0	4.0	9.3
2.751	77.8	3	5:38 PM	90.0	8350	32.56	25.43	20.35	14.22	10.44	5.7	3.6	2.81	21	89.7	0.94	49.3	6,236	9.6	3.6	10.8	4.9	4.0	9.1
2.751	77.8	4	5:38 PM	90.0	8745	34.3	26.71	21.33	14.9	10.96	6.02	3.84	3	22	89.7	0.94	49.5	6,215	9.6	3.6	10.8	4.9	4.0	9.1
2.846	76.7	1	5:39 PM	91.6	6024	49.43	30.89	21.27	13.33	8.43	4.56	3.19	2.55	22	90.7	0.94	97.0	4,338	6.3	1.9	6.2	4.2	3.5	4.6
2.846	76.7	2	5:39 PM	91.6	6112	46.02	29.8	20.85	13.24	8.57	4.66	3.23	2.56	21	90.7	0.94	89.5	4,510	6.6	2.1	6.7	4.2	3.6	5.0
2.846	76.7	3	5:39 PM	91.6	8010	59.8	39.96	28.22	17.89	11.68	6.41	4.17	3.46	29	90.7	0.94	89.0	4,431	6.4	2.2	6.8	4.2	3.6	5.1
2.846	76.7	4	5:39 PM	91.6	8636	63.93	43.37	30.74	19.52	12.78	6.98	4.63	3.82	31	90.7	0.94	88.3	4,411	6.4	2.2	6.8	4.2	3.6	5.1
2.944	76.2	1	5:40 PM	91.6	6068	39.46	28.52	22.58	13.83	10.06	5.59	3.63	2.75	25	90.8	0.95	78.7	4,354	6.3	2.7	7.7	4.3	3.7	5.7
2.944	76.2	2	5:40 PM	91.6	6145	37.75	27.75	22.21	13.75	10.06	5.66	3.66	2.77	24	90.8	0.95	74.7	4,483	6.5	2.8	8.0	4.3	3.7	6.0
2.944	76.2	3	5:40 PM	91.6	8109	49.86	37.28	29.76	18.69	13.73	7.69	4.93	3.78	32	90.8	0.95	74.8	4,386	6.4	2.9	8.1	4.3	3.7	6.0
2.944	76.2	4	5:40 PM	91.6	8581	52.98	39.83	31.74	20.08	14.76	8.21	5.3	4.04	34	90.8	0.95	75.1	4,335	6.3	2.9	8.1	4.3	3.7	6.0
3.034	76.2	1	5:41 PM	89.8	6266	21.17	15.83	12.23	8.65	6.58	3.95	2.73	2.01	12	89.6	0.94	43.4	7,357	11.7	3.6	11.5	5.2	4.2	10.4
3.034	76.2	2	5:41 PM	89.8	6244	20.13	14.99	11.65	8.29	6.35	3.83	2.66	1.99	12	89.6	0.94	41.6	7,630	12.2	3.7	11.8	5.3	4.2	10.8
3.034	76.2	3	5:41 PM	89.8	8307	27.24	20.43	15.85	11.31	8.7	5.31	3.56	2.65	16	89.6	0.94	42.3	7,436	11.9	3.7	11.8	5.2	4.2	10.6
3.034	76.2	4	5:41 PM	89.8	8691	28.3	21.3	16.5	11.83	9.12	5.57	3.78	2.8	17	89.6	0.94	42.1	7,440	11.9	3.7	11.8	5.2	4.2	10.7
3.131	76.2	1	5:42 PM	90.0	6035	42.32	26.61	18.33	12.08	9.08	5.26	3.57	2.73	23	89.7	0.95	84.7	4,475	6.5	2.3	7.1	4.3	3.6	5.3
3.131	76.2	2	5:42 PM	90.0	6123	39.43	25.96	18.11	12.02	9.04	5.26	3.7	2.72	22	89.7	0.95	78.2	4,688	6.9	2.5	7.5	4.4	3.7	5.8
3.131	76.2	3	5:42 PM	90.0	8076	52.26	35.18	24.72	16.31	12.46	7.29	4.26	3.77	29	89.7	0.95	78.7	4,558	6.6	2.6	7.6	4.3	3.7	5.7
3.131	76.2	4	5:42 PM	90.0	8548	55.17	37.35	26.48	17.75	13.22	7.61	5.13	3.98	31	89.7	0.95	78.5	4,556	6.6	2.6	7.6	4.3	3.7	5.7
3.224	76.1	1	5:43 PM	89.0	6156	29.84	23.75	19.06	10.91	8.1	4.52	3.02	2.32	18	89.1	0.95	60.2	5,615	8.5	3.1	9.2	4.7	3.9	7.5
3.224	76.1	2	5:43 PM	89.0	6222	28.87	22.91	18.3	10.77	8.05	4.47	3.07	2.45	18	89.1	0.95	57.8	5,764	8.7	3.2	9.5	4.8	3.9	7.8
3.224	76.1	3	5:43 PM	89.0	8142	38.89	30.64	24.35	14.61	10.92	6.46	4	2.96	24	89.1	0.95	59.6	5,574	8.4	3.1	9.3	4.7	3.9	7.6
3.224	76.1	4	5:43 PM	89.0	8713	41.59	32.83	26.09	15.71	11.72	6.74	4.41	3.47	26	89.1	0.95	59.5	5,565	8.4	3.1	9.3	4.7	3.9	7.6
3.327	76.6	1	5:44 PM	89.1	6079	28.1	22.01	17.7	12.63	9.68	5.84	3.92	2.86	17	89.2	0.96	58.2	4,990	7.4	3.5	9.9	4.6	3.9	7.7
3.327	76.6	2	5:44 PM	89.1	6200	26.97	21.49	17.31	12.44	9.61	5.85	3.91	2.87	17	89.2	0.96	55.1	5,166	7.7	3.6	10.4	4.7	3.9	8.2
3.327	76.6	3	5:44 PM	89.1	8098	35.57	28.53	23.07	16.66	12.87	7.83	5.28	3.93	23	89.2	0.96	55.6	5,055	7.5	3.6	10.3	4.7	3.9	8.1
3.327	76.6	4	5:44 PM	89.1	8625	37.89	30.4	24.44	17.77	13.79	8.33	5.59	4.36	25	89.2	0.96	55.6	5,031	7.5	3.6	10.4	4.6	3.9	8.1
3.413	76.6	1	5:45 PM	87.9	6364	22.22	16.65	13.74	10.53	8.26	5.16	3.43	2.53	14	88.4	0.96	45.4	6,224	9.6	3.9	11.8	5.0	4.1	9.9
3.413	76.6	2	5:45 PM	87.9	6277	21.49	15.85	13.11	10.08	8	5.03	3.39	2.54	13	88.4	0.95	44.6	6,339	9.8	3.9	11.9	5.0	4.1	10.1
3.413	76.6	3	5:45 PM	87.9	8241	28.35	21.13	17.47	13.41	10.63	6.63	4.44	3.31	18	88.4	0.95	44.8	6,272	9.7	3.9	11.9	5.0	4.1	10.1
3.413	76.6	4	5:45 PM	87.9	8833	30.48	22.47	18.61	14.26	11.32	7.06	4.74	3.58	19	88.4	0.95	44.9	6,302	9.7	3.9	11.8	5.0	4.1	10.0
3.510	76.8	1	5:46 PM	89.4	5980	41.74	23.68	15.46	10.63	8.24	5.29	3.7	2.8	17	89.4	0.95	84.5	4,711	6.9	2.2	7.0	4.3	3.8	5.3
3.510	76.8	2	5:46 PM	89.4	6189	38.93	23.92	16.45	11.34	8.85	5.7	4.04	3.05	18	89.4	0.95	76.9	4,824	7.1	2.5	7.6	4.4	3.7	5.9
3.510	76.8	3	5:46 PM	89.4	8109	49.09	31.44	21.94	15.07	11.66	7.45	5.2	3.92	23	89.4	0.95	74.2	4,884	7.2	2.6	7.8	4.4	3.7	6.1
3.510	76.8	4	5:46 PM	89.4	8581	50.77	33.23	23.39	16.11	12.44	7.93	5.56	4.24	25	89.4	0.95	72.7	4,904	7.2	2.7	8.0	4.5	3.7	6.2
3.603	77.9	1	5:47 PM	89.0	6211	24.92	20.22	16.41	11.29	7.88	4.26	2.62	1.78	16	89.1	0.95	50.7	6,120	9.4	3.5	10.6	4.9	4.0	8.9
3.603	77.9	2	5:47 PM	89.0	6320	24.35	19.41	15.74	10.88	7.64	4.2	2.61	1.79	16	89.1	0.94	48.9	6,410	9.9	3.5	10.8	5.0	4.0	9.2
3.603	77.9	3	5:47 PM	89.0	8230	31.64	25.34	20.56	14.23	10	5.52	3.43	2.42	21	89.1	0.94	48.8	6,390	9.9	3.5	10.8	5.0	4.0	9.2
3.603	77.9	4	5:47 PM	89.0	8844	34.02	27.24	22.09	15.33	10.77	5.94	3.71	2.61	22	89.1	0.94	48.8	6,379	9.9	3.5	10.8	5.0	4.0	9.2

3.699	78.1	1	5:48 PM	89.3	6156	29.96	22.98	17.85	12.45	9.13	5.21	3.46	2.63	18	89.3	0.95	60.7	5,178	7.7	3.2	9.4	4.6	3.8	7.4
3.699	78.1	2	5:48 PM	89.3	6255	29.09	22.3	17.37	12.16	8.96	5.17	3.44	2.66	18	89.3	0.95	58.2	5,378	8.1	3.3	9.7	4.7	3.9	7.7
3.699	78.1	3	5:48 PM	89.3	8131	38.76	29.78	23.23	16.31	12.02	6.9	4.57	3.51	24	89.3	0.95	59.5	5,223	7.8	3.3	9.6	4.6	3.9	7.6
3.699	78.1	4	5:48 PM	89.3	8713	41.85	32.12	25.08	17.63	13.01	7.44	4.95	3.78	26	89.3	0.95	60.0	5,174	7.7	3.3	9.5	4.6	3.9	7.5
3.794	78.6	1	5:49 PM	89.3	5980	46.57	29.94	20.02	12.31	9.1	5.39	3.74	2.99	22	89.3	0.95	93.7	4,247	6.1	2.1	6.5	4.2	3.6	4.8
3.794	78.6	2	5:49 PM	89.3	6145	43.77	29.02	19.79	12.35	9.14	5.43	3.83	3.05	21	89.3	0.95	86.1	4,474	6.5	2.3	7.0	4.3	3.6	5.2
3.794	78.6	3	5:49 PM	89.3	7988	55.86	38.11	26.21	16.43	12.26	7.34	4.8	4	28	89.3	0.95	84.8	4,429	6.4	2.4	7.1	4.3	3.6	5.3
3.794	78.6	4	5:49 PM	89.3	8570	59.37	40.79	28.24	17.77	13.32	7.95	5.26	4.38	30	89.3	0.95	84.1	4,414	6.4	2.4	7.2	4.3	3.6	5.4
3.885	79.3	1	5:51 PM	89.7	6046	30.36	21.9	16.15	11.39	8.94	5.7	3.83	2.62	17	89.6	0.95	62.5	5,138	7.6	3.1	9.1	4.6	3.8	7.2
3.885	79.3	2	5:51 PM	89.7	6145	29.78	21.49	15.93	11.29	8.93	5.74	3.87	2.63	17	89.6	0.95	60.5	5,258	7.8	3.2	9.4	4.6	3.9	7.4
3.885	79.3	3	5:51 PM	89.7	8065	39.03	28.29	21.07	15.06	11.8	7.45	5.07	3.76	22	89.6	0.95	60.4	5,236	7.8	3.2	9.4	4.6	3.9	7.4
3.885	79.3	4	5:51 PM	89.7	8603	41.56	30.04	22.45	16.13	12.59	7.98	5.44	4	24	89.6	0.95	60.4	5,238	7.8	3.2	9.4	4.6	3.9	7.5
3.983	78.8	1	5:51 PM	87.4	6266	23.96	17.89	13.11	8.45	6.16	3.57	2.39	1.81	13	88.1	0.95	48.6	7,366	11.7	3.2	10.3	5.1	4.1	9.3
3.983	78.8	2	5:51 PM	87.4	6288	23.09	17.11	12.57	8.15	5.97	3.47	2.35	1.78	13	88.1	0.94	46.9	7,643	12.3	3.2	10.5	5.2	4.1	9.6
3.983	78.8	3	5:51 PM	87.4	8230	30.5	22.89	16.89	11.02	8.05	4.76	3.17	2.44	17	88.1	0.95	47.3	7,476	11.9	3.3	10.5	5.2	4.1	9.5
3.983	78.8	4	5:51 PM	87.4	8811	32.81	24.5	18.06	11.85	8.66	5.13	3.48	2.69	19	88.1	0.95	47.5	7,441	11.9	3.2	10.5	5.1	4.1	9.5
4.081	79	1	5:53 PM	87.0	6298	23.99	17.62	12.77	7.87	5.38	2.41	1.17	0.7	13	87.9	0.94	47.9	8,030	13.0	3.0	10.1	5.2	4.1	9.4
4.081	79	2	5:53 PM	87.0	6375	22.67	16.83	12.26	7.63	5.26	2.39	1.2	0.74	12	87.9	0.93	45.1	8,431	13.8	3.1	10.5	5.3	4.2	10.0
4.081	79	3	5:53 PM	87.0	8383	29.96	21.96	15.97	9.92	6.77	3.03	1.5	0.94	16	87.9	0.93	45.2	8,520	14.0	3.1	10.4	5.3	4.2	9.9
4.081	79	4	5:53 PM	87.0	8932	31.75	23.43	17.11	10.59	7.24	3.25	1.59	0.98	17	87.9	0.93	45.0	8,521	14.0	3.1	10.5	5.3	4.2	10.0
4.169	78.4	1	5:54 PM	86.9	6211	28.7	19.74	14.38	9.25	6.73	3.84	2.49	1.8	15	87.8	0.95	57.8	6,447	10.0	2.9	9.1	4.9	3.9	7.8
4.169	78.4	2	5:54 PM	86.9	6211	27.11	18.88	13.81	8.97	6.57	3.78	2.47	1.77	14	87.8	0.95	54.9	6,691	10.4	3.0	9.5	4.9	4.0	8.2
4.169	78.4	3	5:54 PM	86.9	8164	35.87	25.15	18.51	12.11	8.83	5.11	3.38	2.46	19	87.8	0.95	55.3	6,585	10.2	3.0	9.4	4.9	4.0	8.1
4.169	78.4	4	5:54 PM	86.9	8702	38.03	26.74	19.73	12.94	9.45	5.47	3.62	2.65	20	87.8	0.95	55.0	6,582	10.2	3.0	9.5	4.9	4.0	8.2
4.272	78.4	1	5:55 PM	87.3	6068	30.54	23.72	17.64	11.62	8.28	4.49	2.93	2.28	18	88.1	0.95	62.7	5,412	8.1	3.0	9.0	4.6	3.8	7.2
4.272	78.4	2	5:55 PM	87.3	6233	30.02	23.24	17.37	11.54	8.29	4.54	2.96	2.29	18	88.1	0.95	60.2	5,588	8.4	3.1	9.2	4.7	3.9	7.5
4.272	78.4	3	5:55 PM	87.3	8109	40.31	31.26	23.36	15.63	11.21	6.21	4.1	3.11	24	88.1	0.96	62.0	5,390	8.1	3.1	9.1	4.6	3.8	7.3
4.272	78.4	4	5:55 PM	87.3	8647	42.97	33.53	25.01	16.76	12.04	6.63	4.31	3.4	26	88.1	0.96	62.0	5,365	8.0	3.1	9.1	4.6	3.8	7.3
4.360	78.8	1	5:56 PM	88.8	6178	24.63	20.93	17.77	13.69	10.82	6.5	3.94	2.63	18	89.1	0.96	51.2	4,725	6.9	4.1	11.5	4.6	3.9	8.8
4.360	78.8	2	5:56 PM	88.8	6255	23.84	20.31	17.28	13.31	10.58	6.4	3.92	2.65	17	89.1	0.96	49.2	4,889	7.2	4.2	11.8	4.7	3.9	9.2
4.360	78.8	3	5:56 PM	88.8	8175	32.17	27.09	23.08	17.88	14.19	8.58	5.24	3.54	23	89.1	0.96	50.6	4,766	7.0	4.1	11.6	4.7	3.9	8.9
4.360	78.8	4	5:56 PM	88.8	8713	34.28	28.97	24.73	19.16	15.21	9.19	5.59	3.76	25	89.1	0.96	50.6	4,738	6.9	4.2	11.6	4.6	3.9	8.9
4.454	78.2	1	5:57 PM	88.3	6145	19.46	15.57	12.59	9.27	7.32	4.62	3.18	2.33	12	88.7	0.95	41.5	6,796	10.6	4.0	12.4	5.2	4.2	10.8
4.454	78.2	2	5:57 PM	88.3	6342	19.31	15.47	12.52	9.23	7.32	4.64	3.22	2.36	13	88.7	0.95	40.1	7,024	11.1	4.0	12.7	5.2	4.2	11.2
4.454	78.2	3	5:57 PM	88.3	8142	25.35	20.27	16.46	12.21	9.67	6.15	4.25	3.17	17	88.7	0.95	40.9	6,833	10.7	4.0	12.6	5.2	4.2	11.0
4.454	78.2	4	5:57 PM	88.3	8778	27.45	21.89	17.79	13.21	10.47	6.67	4.62	3.43	18	88.7	0.95	41.1	6,804	10.7	4.0	12.6	5.2	4.2	11.0
4.554	78.8	1	5:58 PM	87.6	6057	38.88	26.46	18.57	12.31	9.2	5.39	3.74	2.87	19	88.3	0.96	78.7	4,616	6.7	2.5	7.5	4.3	3.7	5.7
4.554	78.8	2	5:58 PM	87.6	6145	36.78	25.47	18.09	12.11	9.11	5.37	3.76	2.89	19	88.3	0.96	73.7	4,816	7.1	2.7	7.9	4.4	3.7	6.1
4.554	78.8	3	5:58 PM	87.6	7999	47.43	33.5	24.08	16.11	12.04	7.11	4.89	3.74	25	88.3	0.96	73.1	4,788	7.0	2.7	8.0	4.4	3.7	6.2
4.554	78.8	4	5:58 PM	87.6	8614	50.68	36.13	26.03	17.52	13.06	7.7	5.38	4.12	27	88.3	0.96	72.6	4,781	7.0	2.8	8.1	4.4	3.7	6.2
4.648	80	1	5:59 PM	89.0	6090	34.42	25.04	16.39	10.85	7.96	4.45	3.14	2.43	18	89.2	0.95	69.2	5,315	7.9	2.7	8.2	4.6	3.8	6.5
4.648	80	2	5:59 PM	89.0	6090	32.52	24.14	16.12	10.73	7.84	4.46	3.06	2.49	17	89.2	0.95	65.7	5,487	8.3	2.8	8.5	4.6	3.8	6.9
4.648	80	3	5:59 PM	89.0	8010	42.8	32.17	21.73	14.46	10.5	5.97	4.18	3.28	23	89.2	0.95	65.7	5,426	8.1	2.8	8.5	4.6	3.8	6.8
4.648	80	4	5:59 PM	89.0	8603	45.69	34.53	23.4	15.59	11.49	6.8	4.62	3.39	25	89.2	0.95	65.5	5,377	8.1	2.9	8.6	4.6	3.8	6.9

4.739	80.6	1	6:00 PM	88.4	6013	35.12	26.62	18.25	10.4	7.29	4.27	2.92	2.31	18	88.8	0.95	71.4	5,474	8.2	2.5	7.8	4.6	3.8	6.3
4.739	80.6	2	6:00 PM	88.4	6167	33.89	25.85	18	10.62	7.46	4.33	3	2.31	18	88.8	0.95	67.5	5,626	8.5	2.6	8.2	4.6	3.8	6.7
4.739	80.6	3	6:00 PM	88.4	7999	45.11	34.48	23.96	14.07	9.92	5.78	3.86	2.9	24	88.8	0.95	69.1	5,486	8.2	2.6	8.1	4.6	3.8	6.5
4.739	80.6	4	6:00 PM	88.4	8603	48.66	37.36	25.97	15.23	10.8	6.26	4.17	3.17	26	88.8	0.95	69.4	5,440	8.2	2.6	8.1	4.6	3.8	6.5
4.841	79.7	1	6:00 PM	88.3	6178	24.41	19.75	15.83	11.23	8.48	5.06	3.52	2.78	16	88.8	0.95	50.5	5,800	8.8	3.7	10.9	4.9	4.0	8.9
4.841	79.7	2	6:00 PM	88.3	6211	23.66	19.06	15.33	10.95	8.33	5.04	3.55	2.8	16	88.8	0.95	48.8	5,954	9.1	3.7	11.1	4.9	4.0	9.2
4.841	79.7	3	6:00 PM	88.3	8142	31.55	25.35	20.46	14.64	11.1	6.7	4.75	3.72	21	88.8	0.95	49.6	5,857	8.9	3.7	11.0	4.9	4.0	9.1
4.841	79.7	4	6:00 PM	88.3	8734	33.97	27.28	22.04	15.8	12.04	7.35	5.04	4.08	22	88.8	0.95	49.8	5,802	8.8	3.7	11.0	4.9	4.0	9.0
4.926	80	1	6:01 PM	89.8	5980	45.23	30.38	21.41	13.22	9.04	4.94	3.43	2.59	23	89.8	0.95	90.7	4,318	6.2	2.2	6.7	4.2	3.6	5.0
4.926	80	2	6:01 PM	89.8	6079	42.57	29.33	20.98	13.19	9.19	5.04	3.31	2.61	22	89.8	0.95	84.4	4,465	6.5	2.4	7.1	4.3	3.6	5.3
4.926	80	3	6:01 PM	89.8	7922	55.61	38.78	27.93	17.61	12.26	6.74	4.57	3.51	30	89.8	0.95	84.7	4,401	6.4	2.4	7.1	4.3	3.6	5.3
4.926	80	4	6:01 PM	89.8	8482	59.33	41.77	30.23	19.1	13.43	7.43	5.01	3.76	32	89.8	0.95	84.5	4,349	6.3	2.4	7.2	4.2	3.6	5.3
5.028	80.2	1	6:03 PM	89.3	6068	26.93	18.36	11.91	7.48	5.59	3.43	2.48	1.93	14	89.4	0.94	55.0	7,204	11.4	2.8	9.2	5.0	4.0	8.2
5.028	80.2	2	6:03 PM	89.3	6134	24.88	17.17	11.45	7.33	5.52	3.39	2.41	1.9	13	89.4	0.94	50.7	7,588	12.1	3.0	9.7	5.1	4.1	8.9
5.028	80.2	3	6:03 PM	89.3	8087	30.79	22.6	15.26	9.93	7.42	4.59	3.27	2.61	18	89.4	0.94	48.0	7,698	12.4	3.1	10.2	5.2	4.1	9.4
5.028	80.2	4	6:03 PM	89.3	8680	32.41	24.21	16.45	10.72	8.03	4.96	3.56	2.82	19	89.4	0.94	47.2	7,718	12.4	3.2	10.4	5.2	4.1	9.5
5.126	82.6	1	6:04 PM	88.3	5871	28.57	19.55	14.14	9.37	7.18	4.58	3.35	2.62	15	88.8	0.95	60.7	5,870	8.9	2.9	9.0	4.7	3.9	7.4
5.126	82.6	2	6:04 PM	88.3	5925	26.97	18.44	13.37	8.86	7.03	4.56	3.31	2.62	14	88.8	0.95	57.1	6,136	9.4	3.0	9.4	4.8	3.9	7.9
5.126	82.6	3	6:04 PM	88.3	7835	35.07	24.78	18.04	12.12	9.48	6.13	4.5	3.73	19	88.8	0.95	56.3	6,097	9.3	3.1	9.6	4.8	3.9	8.0
5.126	82.6	4	6:04 PM	88.3	8449	37.47	26.62	19.46	13.11	10.26	6.64	4.88	3.96	20	88.8	0.95	55.8	6,103	9.4	3.1	9.6	4.8	3.9	8.1
5.214	84.3	1	6:05 PM	88.3	6419	9.35	5.56	3.42	1.61	0.95	0.4	0.28	0.23	3.5	88.8	0.86	20.2	31,701	71.5	2.7	12.2	7.0	5.3	22.2
5.214	84.3	2	6:05 PM	88.3	6485	9.13	5.4	3.26	1.56	0.92	0.39	0.27	0.21	3.3	88.8	0.86	19.7	32,930	75.0	2.7	12.3	7.0	5.3	22.8
5.214	84.3	3	6:05 PM	88.3	8493	11.7	6.87	4.09	1.98	1.15	0.52	0.37	0.29	4.2	88.8	0.86	19.4	34,063	78.2	2.6	12.3	7.1	5.4	23.2
5.214	84.3	4	6:05 PM	88.3	8844	11.84	7.13	4.23	2.04	1.2	0.54	0.37	0.31	4.3	88.8	0.86	19.0	34,533	79.6	2.7	12.4	7.1	5.4	23.7
5.313	83.5	1	6:06 PM	87.9	6035	31.7	20.61	13.74	8.14	5.64	3.15	2.17	1.58	14	88.5	0.94	64.2	6,626	10.3	2.4	8.1	4.8	3.9	7.0
5.313	83.5	2	6:06 PM	87.9	6134	30.33	19.89	13.44	8.09	5.66	3.2	2.19	1.6	14	88.5	0.94	60.8	6,859	10.8	2.5	8.5	4.9	3.9	7.4
5.313	83.5	3	6:06 PM	87.9	8043	38.55	25.66	17.4	10.61	7.46	4.27	2.96	2.19	18	88.5	0.94	59.1	6,937	10.9	2.6	8.7	4.9	4.0	7.6
5.313	83.5	4	6:06 PM	87.9	8636	40.96	27.44	18.61	11.4	8.04	4.62	3.22	2.39	19	88.5	0.94	58.6	6,955	10.9	2.6	8.7	4.9	4.0	7.7
5.405	83.9	1	6:08 PM	89.9	6233	19.81	15.15	11.83	8.59	6.85	4.58	3.34	2.56	12	89.9	0.94	41.3	7,236	11.5	3.9	12.2	5.2	4.2	10.9
5.405	83.9	2	6:08 PM	89.9	6244	18.9	14.48	11.38	8.35	6.69	4.54	3.32	2.57	12	89.9	0.94	39.6	7,463	11.9	3.9	12.5	5.3	4.2	11.4
5.405	83.9	3	6:08 PM	89.9	8263	25.48	19.54	15.38	11.31	9.03	6.09	4.44	3.42	16	89.9	0.94	40.3	7,319	11.6	3.9	12.4	5.3	4.2	11.2
5.405	83.9	4	6:08 PM	89.9	8778	27.13	20.81	16.36	12.11	9.67	6.54	4.76	3.55	17	89.9	0.94	40.4	7,270	11.5	3.9	12.4	5.2	4.2	11.1
5.505	84.9	1	6:09 PM	89.6	6211	30.85	20.83	15.08	9.79	6.89	3.55	1.99	1.29	16	89.7	0.94	60.7	6,172	9.5	2.8	8.8	4.8	3.9	7.4
5.505	84.9	2	6:09 PM	89.6	6353	29.72	20.11	14.67	9.6	6.81	3.52	2	1.31	16	89.7	0.93	57.5	6,456	10.0	2.9	9.2	4.9	4.0	7.8
5.505	84.9	3	6:09 PM	89.6	8263	38.38	26.42	19.35	12.72	9.04	4.67	2.67	1.74	20	89.7	0.94	57.2	6,397	9.9	2.9	9.2	4.9	4.0	7.9
5.505	84.9	4	6:09 PM	89.6	8702	40.31	27.75	20.39	13.46	9.57	4.96	2.82	1.85	22	89.7	0.94	57.0	6,384	9.9	2.9	9.3	4.9	4.0	7.9
5.597	85.1	1	6:09 PM	90.2	6277	26.27	18.56	13.51	8.67	6.32	3.69	2.42	1.78	15	90.1	0.93	52.0	7,010	11.0	3.1	9.8	5.0	4.0	8.7
5.597	85.1	2	6:09 PM	90.2	6430	25.07	17.87	13.14	8.55	6.29	3.7	2.43	1.79	15	90.1	0.93	48.8	7,335	11.7	3.2	10.3	5.1	4.1	9.2
5.597	85.1	3	6:09 PM	90.2	8350	33	23.52	17.42	11.43	8.43	4.99	3.3	2.46	20	90.1	0.93	49.5	7,156	11.3	3.2	10.2	5.1	4.1	9.1
5.597	85.1	4	6:09 PM	90.2	8778	34.48	24.65	18.32	12.04	8.85	5.26	3.53	2.59	21	90.1	0.93	49.2	7,179	11.4	3.2	10.3	5.1	4.1	9.1
5.692	83	1	6:10 PM	90.1	6529	16.48	14.02	12.15	9.62	7.73	4.83	3.11	2.19	12	90.0	0.94	34.0	6,957	10.9	4.7	15.0	5.3	4.3	13.2
5.692	83	2	6:10 PM	90.1	6518	16.23	13.5	11.68	9.23	7.44	4.7	3.07	2.2	12	90.0	0.94	33.6	7,231	11.5	4.6	15.0	5.4	4.3	13.4
5.692	83	3	6:10 PM	90.1	8493	21.31	17.98	15.57	12.35	9.98	6.32	4.11	2.94	16	90.0	0.94	33.9	7,011	11.0	4.7	15.1	5.3	4.3	13.3
5.692	83	4	6:10 PM	90.1	8943	22.5	18.93	16.41	13.03	10.52	6.65	4.32	3.09	17	90.0	0.94	33.9	7,004	11.0	4.7	15.0	5.3	4.3	13.3

5.783	83.8	1	6:11 PM	91.9	6211	27	14.74	10.4	6.39	4.33	2.01	1.17	0.86	12	91.2	0.90	51.9	8,456	13.8	2.6	9.1	5.2	4.1	8.7
5.783	83.8	2	6:11 PM	91.9	6233	25.18	13.93	9.89	6.18	4.2	1.98	1.15	0.87	11	91.2	0.90	48.6	8,914	14.8	2.7	9.5	5.3	4.2	9.3
5.783	83.8	3	6:11 PM	91.9	8318	31.57	17.84	12.52	7.89	5.45	2.54	1.48	1.13	14	91.2	0.90	45.9	9,318	15.6	2.8	9.9	5.4	4.2	9.8
5.783	83.8	4	6:11 PM	91.9	8702	32.68	18.56	12.99	8.16	5.71	2.66	1.46	1.05	14	91.2	0.90	45.5	9,356	15.7	2.8	9.9	5.4	4.2	9.9
5.881	84.4	1	6:12 PM	91.7	6266	29.58	21.73	15.89	10.47	7.4	3.87	2.45	1.84	16	91.1	0.93	57.7	6,068	9.3	3.0	9.3	4.8	3.9	7.8
5.881	84.4	2	6:12 PM	91.7	6331	28.4	20.7	15.23	10.15	7.23	3.83	2.46	1.88	16	91.1	0.93	55.0	6,318	9.8	3.1	9.6	4.9	4.0	8.2
5.881	84.4	3	6:12 PM	91.7	8252	37.89	27.65	20.36	13.6	9.69	5.16	3.33	2.53	21	91.1	0.93	56.3	6,155	9.5	3.1	9.5	4.8	3.9	8.0
5.881	84.4	4	6:12 PM	91.7	8844	40.4	29.69	21.92	14.63	10.4	5.54	3.61	2.77	23	91.1	0.93	56.0	6,162	9.5	3.1	9.6	4.8	3.9	8.0
5.972	84.8	1	6:13 PM	92.6	6167	26.93	20.55	15.4	10.11	7.3	4.15	2.79	2.15	16	91.7	0.93	53.8	6,238	9.6	3.2	9.9	4.9	4.0	8.4
5.972	84.8	2	6:13 PM	92.6	6255	25.69	19.66	14.82	9.8	7.15	4.13	2.79	2.16	15	91.7	0.93	50.9	6,520	10.1	3.3	10.3	5.0	4.0	8.8
5.972	84.8	3	6:13 PM	92.6	8219	33.95	26.09	19.7	13.11	9.52	5.47	3.73	2.91	20	91.7	0.93	51.2	6,452	10.0	3.3	10.3	5.0	4.0	8.8
5.972	84.8	4	6:13 PM	92.6	8789	36.15	27.85	21.01	14.03	10.24	5.92	4.03	3.16	22	91.7	0.93	51.0	6,437	10.0	3.4	10.3	5.0	4.0	8.8
6.065	83.2	1	6:14 PM	91.3	6178	31.78	22.68	14.11	8.88	6.32	3.6	2.64	1.93	16	90.8	0.93	62.3	6,366	9.8	2.6	8.5	4.8	3.9	7.2
6.065	83.2	2	6:14 PM	91.3	6156	28.75	20.95	13.65	8.57	6.15	3.66	2.41	2.4	15	90.8	0.93	57.1	6,730	10.5	2.8	9.1	4.9	4.0	7.9
6.065	83.2	3	6:14 PM	91.3	8120	37.91	27.81	18.24	11.69	8.39	4.75	3.79	2.07	20	90.8	0.93	57.0	6,602	10.3	2.9	9.1	4.9	4.0	7.9
6.065	83.2	4	6:14 PM	91.3	8647	40.22	29.61	19.52	12.53	9.04	5.14	3.98	2.35	21	90.8	0.93	56.9	6,567	10.2	2.9	9.2	4.9	4.0	7.9
6.163	83.7	1	6:15 PM	93.3	6441	26.85	18.94	14.48	9.76	7.03	3.78	2.39	1.8	16	92.2	0.92	51.1	6,681	10.4	3.3	10.2	5.0	4.0	8.8
6.163	83.7	2	6:15 PM	93.3	6496	25.43	17.99	13.82	9.4	6.83	3.74	2.4	1.81	15	92.2	0.92	48.3	7,000	11.0	3.3	10.6	5.1	4.1	9.3
6.163	83.7	3	6:15 PM	93.3	8482	33.57	24.05	18.55	12.68	9.21	5.05	3.25	2.47	20	92.2	0.92	48.8	6,830	10.7	3.4	10.5	5.0	4.1	9.2
6.163	83.7	4	6:15 PM	93.3	8789	34.63	24.98	19.32	13.19	9.61	5.29	3.41	2.6	21	92.2	0.92	48.7	6,810	10.7	3.4	10.6	5.0	4.1	9.2
6.259	83.8	1	6:16 PM	92.2	6342	14.85	10.85	8.07	5.25	3.77	1.95	1.14	0.79	8.1	91.4	0.90	30.4	12,125	21.5	3.7	13.2	5.9	4.6	14.8
6.259	83.8	2	6:16 PM	92.2	6309	14.76	10.15	7.59	4.97	3.57	1.87	1.11	0.76	7.7	91.4	0.90	30.3	12,501	22.3	3.6	13.1	6.0	4.6	14.8
6.259	83.8	3	6:16 PM	92.2	8361	18.87	12.86	9.59	6.28	4.47	2.37	1.42	0.98	9.7	91.4	0.89	29.4	13,121	23.7	3.6	13.2	6.0	4.6	15.3
6.259	83.8	4	6:16 PM	92.2	8822	19.69	13.36	9.93	6.48	4.68	2.45	1.44	1.02	10	91.4	0.89	29.1	13,241	24.0	3.6	13.3	6.1	4.6	15.5
6.350	83	1	6:17 PM	91.1	6255	23.6	17.4	13.57	9.96	8	5.45	3.94	3.02	14	90.7	0.95	48.1	6,187	9.5	3.7	11.1	5.0	4.0	9.4
6.350	83	2	6:17 PM	91.1	6255	21.9	16.5	12.96	9.58	7.75	5.32	3.87	2.97	14	90.7	0.94	45.0	6,453	10.0	3.8	11.7	5.0	4.1	10.0
6.350	83	3	6:17 PM	91.1	8318	29.92	22.69	17.8	13.18	10.61	7.25	5.26	4.02	19	90.7	0.95	46.1	6,271	9.7	3.8	11.5	5.0	4.1	9.8
6.350	83	4	6:17 PM	91.1	8756	31.69	23.94	18.78	13.88	11.18	7.65	5.54	4.22	20	90.7	0.95	46.3	6,258	9.6	3.8	11.5	5.0	4.1	9.7
6.445	83.4	1	6:18 PM	91.0	6353	23.76	16.97	12.01	7.65	5.32	2.84	1.88	1.44	12	90.7	0.92	46.4	8,186	13.3	3.1	10.3	5.3	4.2	9.7
6.445	83.4	2	6:18 PM	91.0	6353	22.29	15.77	11.26	7.2	5.1	2.72	1.84	1.57	12	90.7	0.92	43.8	8,616	14.2	3.2	10.7	5.3	4.2	10.3
6.445	83.4	3	6:18 PM	91.0	8394	29.56	21.13	15.12	9.73	6.85	3.86	2.57	1.9	16	90.7	0.92	44.0	8,520	14.0	3.2	10.7	5.3	4.2	10.2
6.445	83.4	4	6:18 PM	91.0	8756	30.62	22	15.76	10.19	7.19	4.04	2.72	2.09	17	90.7	0.92	43.8	8,513	14.0	3.2	10.8	5.3	4.2	10.3
6.544	81.6	1	6:19 PM	92.1	6134	31.2	22.24	15.59	10.68	8.26	5.43	3.86	3.01	16	91.4	0.94	62.5	5,437	8.2	3.0	9.0	4.7	3.8	7.2
6.544	81.6	2	6:19 PM	92.1	6200	29.35	21.3	15.17	10.58	8.22	5.41	3.91	2.91	15	91.4	0.94	58.6	5,634	8.5	3.2	9.4	4.7	3.9	7.7
6.544	81.6	3	6:19 PM	92.1	8219	39.08	28.75	20.67	14.48	11.23	7.4	5.31	4.04	21	91.4	0.94	58.9	5,515	8.3	3.2	9.5	4.7	3.9	7.6
6.544	81.6	4	6:19 PM	92.1	8658	41.68	30.43	21.97	15.42	11.99	7.89	5.67	4.33	22	91.4	0.94	59.6	5,443	8.2	3.2	9.4	4.7	3.9	7.6
6.639	81.4	1	6:20 PM	92.5	6024	43.98	27.96	18.51	12.38	9.02	5.35	3.22	2.94	22	91.7	0.94	87.1	4,409	6.4	2.3	6.9	4.2	3.6	5.2
6.639	81.4	2	6:20 PM	92.5	6079	39.1	26.69	18.3	12.15	9.13	5.66	3.87	3.07	21	91.7	0.94	77.6	4,643	6.8	2.6	7.6	4.4	3.7	5.8
6.639	81.4	3	6:20 PM	92.5	8142	51.84	35.69	24.82	16.56	12.4	7.69	5.19	4.03	28	91.7	0.94	76.9	4,624	6.8	2.6	7.7	4.4	3.7	5.9
6.639	81.4	4	6:20 PM	92.5	8603	54.1	37.81	26.29	17.67	13.19	8.28	5.49	4.33	29	91.7	0.94	76.1	4,628	6.8	2.7	7.8	4.4	3.7	5.9
6.731	81	1	6:21 PM	91.2	6266	19.85	15.49	12.35	8.68	6.28	3.83	2.62	1.89	11	90.8	0.93	40.7	7,749	12.5	3.7	12.0	5.3	4.2	11.1
6.731	81	2	6:21 PM	91.2	6331	18.99	14.84	11.85	8.37	6.15	3.79	2.59	1.89	11	90.8	0.93	38.8	8,049	13.0	3.8	12.4	5.4	4.3	11.6
6.731	81	3	6:21 PM	91.2	8405	25.84	20.33	16.33	11.64	8.57	5.31	3.63	2.66	15	90.8	0.93	39.7	7,718	12.4	3.8	12.4	5.3	4.2	11.3
6.731	81	4	6:21 PM	91.2	8855	27.19	21.38	17.19	12.28	9.06	5.6	3.83	2.81	16	90.8	0.93	39.6	7,701	12.4	3.9	12.4	5.3	4.2	11.3

6.824	80.5	1	6:22 PM	92.5	6309	26.34	19.06	14.62	9.63	7.18	4.36	2.96	2.35	15	91.7	0.93	51.7	6,502	10.1	3.3	10.1	5.0	4.0	8.7
6.824	80.5	2	6:22 PM	92.5	6266	24.76	17.95	13.85	9.2	6.94	4.25	2.87	2.35	14	91.7	0.93	49.2	6,746	10.5	3.4	10.5	5.0	4.1	9.1
6.824	80.5	3	6:22 PM	92.5	8285	33.08	24.28	18.83	12.54	9.5	5.86	3.94	3.07	19	91.7	0.93	49.8	6,570	10.2	3.4	10.5	5.0	4.0	9.0
6.824	80.5	4	6:22 PM	92.5	8745	34.76	25.69	19.92	13.3	10.06	6.17	4.19	3.31	20	91.7	0.93	49.6	6,566	10.2	3.4	10.5	5.0	4.0	9.1
6.922	80.1	1	6:23 PM	91.9	6485	16.61	14.22	12.37	9.91	8.07	5.19	3.46	2.49	12	91.3	0.94	34.3	6,593	10.3	4.8	15.2	5.3	4.3	13.1
6.922	80.1	2	6:23 PM	91.9	6496	15.78	13.78	11.98	9.61	7.84	5.07	3.39	2.47	12	91.3	0.94	32.8	6,776	10.6	4.9	15.8	5.3	4.3	13.7
6.922	80.1	3	6:23 PM	91.9	8636	21.46	18.65	16.24	13.05	10.65	6.86	4.57	3.33	16	91.3	0.94	33.4	6,632	10.3	4.9	15.6	5.3	4.3	13.5
6.922	80.1	4	6:23 PM	91.9	8888	22.22	19.14	16.65	13.41	10.92	7.06	4.72	3.44	17	91.3	0.94	33.6	6,667	10.4	4.8	15.5	5.3	4.3	13.4
7.017	80	1	6:24 PM	88.6	6518	12.29	8.96	6.7	4.44	3.17	1.7	1.17	0.92	6.6	89.1	0.91	26.0	14,909	27.8	3.7	14.0	6.2	4.8	17.3
7.017	80	2	6:24 PM	88.6	6386	11.48	8.48	6.44	4.27	3.07	1.68	1.17	0.93	6.4	89.1	0.91	25.1	15,286	28.7	3.8	14.4	6.3	4.8	18.0
7.017	80	3	6:24 PM	88.6	8438	15.67	11.54	8.64	5.72	4.11	2.32	1.59	1.29	8.7	89.1	0.91	25.7	14,980	27.9	3.8	14.1	6.3	4.8	17.5
7.017	80	4	6:24 PM	88.6	8987	16.9	12.24	9.22	6.09	4.39	2.49	1.73	1.39	9.3	89.1	0.91	26.0	14,883	27.7	3.7	14.0	6.2	4.8	17.3
7.110	80.8	1	6:25 PM	92.2	6397	11.84	8.5	6.15	3.65	2.42	1.07	0.64	0.49	6.3	91.5	0.87	24.4	17,426	33.7	3.6	13.8	6.4	4.9	18.4
7.110	80.8	2	6:25 PM	92.2	6255	11.32	7.99	5.82	3.47	2.32	1.03	0.62	0.47	6	91.5	0.87	24.0	17,793	34.6	3.6	13.9	6.5	4.9	18.8
7.110	80.8	3	6:25 PM	92.2	8230	14.09	9.85	7.16	4.27	2.85	1.27	0.78	0.62	7.4	91.5	0.87	22.9	18,949	37.4	3.6	14.1	6.5	5.0	19.6
7.110	80.8	4	6:25 PM	92.2	8800	14.8	10.33	7.51	4.48	2.99	1.34	0.83	0.65	7.8	91.5	0.86	22.6	19,303	38.3	3.6	14.2	6.6	5.0	19.9
7.208	80.1	1	6:26 PM	91.9	6079	45.93	28.88	18.36	11.18	8.14	4.79	3.15	2.54	22	91.3	0.94	89.6	4,616	6.7	2.0	6.6	4.3	3.6	5.0
7.208	80.1	2	6:26 PM	91.9	6068	42.22	27.93	18.22	11.43	8.24	4.85	3.4	2.66	21	91.3	0.94	83.1	4,756	7.0	2.3	7.1	4.3	3.7	5.4
7.208	80.1	3	6:26 PM	91.9	7714	53.14	36.67	23.96	15.01	10.81	6.44	4.59	3.59	27	91.3	0.94	82.5	4,694	6.9	2.3	7.2	4.3	3.7	5.5
7.208	80.1	4	6:26 PM	91.9	8460	56.92	39.57	26.16	16.49	11.89	7.15	5.2	4.04	29	91.3	0.94	80.7	4,735	6.9	2.4	7.3	4.4	3.7	5.6
7.294	79.9	1	6:27 PM	92.5	6463	22.76	18.04	13.95	9.53	6.72	3.33	1.96	1.37	14	91.7	0.92	43.9	7,312	11.6	3.6	11.4	5.2	4.1	10.2
7.294	79.9	2	6:27 PM	92.5	6496	22.11	17.25	13.39	9.17	6.5	3.25	1.93	1.37	13	91.7	0.92	42.6	7,588	12.1	3.6	11.6	5.2	4.2	10.6
7.294	79.9	3	6:27 PM	92.5	8405	29.28	22.97	17.91	12.34	8.77	4.38	2.58	1.83	18	91.7	0.92	43.5	7,321	11.6	3.6	11.5	5.2	4.2	10.3
7.294	79.9	4	6:27 PM	92.5	8954	31.69	24.59	19.22	13.26	9.43	4.71	2.78	1.98	19	91.7	0.92	44.2	7,238	11.5	3.6	11.4	5.2	4.1	10.2
7.393	79.8	1	6:28 PM	91.8	6046	30.59	23.3	17.77	12.15	9.29	5.98	4.34	3.4	18	91.2	0.95	62.6	4,993	7.4	3.2	9.2	4.6	3.8	7.2
7.393	79.8	2	6:28 PM	91.8	6123	29.5	22.47	17.32	12.01	9.28	6.01	4.37	3.45	18	91.2	0.95	59.9	5,116	7.6	3.3	9.6	4.6	3.8	7.5
7.393	79.8	3	6:28 PM	91.8	8153	39.89	30.59	23.49	16.36	12.59	8.23	5.99	4.59	24	91.2	0.95	60.8	5,026	7.4	3.3	9.5	4.6	3.8	7.4
7.393	79.8	4	6:28 PM	91.8	8691	42.44	32.66	25.09	17.53	13.47	8.78	6.38	5	26	91.2	0.95	60.7	5,016	7.4	3.3	9.5	4.6	3.8	7.4
7.485	79.8	1	6:30 PM	91.9	6057	32.92	25.02	19.22	13.08	9.63	5.86	4.08	3.28	20	91.3	0.95	66.7	4,768	7.0	3.1	8.8	4.5	3.8	6.7
7.485	79.8	2	6:30 PM	91.9	6211	32.97	25.01	19.4	13.36	9.96	6.13	4.3	3.4	20	91.3	0.95	65.3	4,776	7.0	3.2	9.0	4.5	3.8	6.9
7.485	79.8	3	6:30 PM	91.9	8087	43.12	33.21	25.57	17.68	13.23	8.09	5.87	4.12	27	91.3	0.95	65.6	4,704	6.9	3.2	9.0	4.5	3.8	6.9
7.485	79.8	4	6:30 PM	91.9	8647	46.19	35.7	27.45	18.96	14.24	8.72	6.4	4.32	29	91.3	0.95	65.8	4,680	6.8	3.2	9.0	4.5	3.8	6.8
7.581	79.6	1	6:30 PM	92.6	6156	39.04	27.24	20.39	14.06	10.25	6.37	4.54	3.54	21	91.8	0.95	76.9	4,384	6.3	2.8	7.8	4.3	3.7	5.9
7.581	79.6	2	6:30 PM	92.6	6222	37.65	26.7	20.17	13.84	10.43	6.36	4.54	3.57	21	91.8	0.95	73.6	4,439	6.4	2.9	8.2	4.3	3.7	6.1
7.581	79.6	3	6:30 PM	92.6	8175	49.61	35.8	27.08	18.72	13.96	8.45	5.98	4.69	28	91.8	0.95	73.8	4,381	6.3	2.9	8.2	4.3	3.7	6.1
7.581	79.6	4	6:30 PM	92.6	8767	53.44	38.72	29.34	20.23	15.17	9.13	6.44	5.06	30	91.8	0.95	74.2	4,337	6.3	2.9	8.2	4.3	3.7	6.1
7.675	79.3	1	6:32 PM	90.6	6112	30.75	20.56	15.8	10.85	8.33	5.52	4.1	3.22	15	90.5	0.95	62.3	5,417	8.1	3.0	9.0	4.6	3.8	7.2
7.675	79.3	2	6:32 PM	90.6	6298	30.24	20.46	15.7	10.94	8.44	5.61	4.17	3.28	15	90.5	0.95	59.7	5,568	8.4	3.1	9.3	4.7	3.9	7.5
7.675	79.3	3	6:32 PM	90.6	8263	38.82	27.28	20.94	14.63	11.26	7.45	5.52	4.33	20	90.5	0.95	58.5	5,547	8.4	3.2	9.5	4.7	3.9	7.7
7.675	79.3	4	6:32 PM	90.6	8844	41.57	29.36	22.52	15.78	12.13	8.03	5.93	4.64	22	90.5	0.95	58.6	5,522	8.3	3.2	9.5	4.7	3.9	7.7
7.777	79.2	1	6:33 PM	90.4	6288	25.56	18.25	14.68	10.69	8.12	5.14	3.63	2.77	16	90.3	0.95	51.3	6,021	9.2	3.5	10.5	4.9	4.0	8.8
7.777	79.2	2	6:33 PM	90.4	6353	24.46	17.67	14.33	10.51	8.1	5.06	3.43	2.4	16	90.3	0.94	48.8	6,170	9.5	3.6	11.0	4.9	4.0	9.2
7.777	79.2	3	6:33 PM	90.4	8230	32.13	23.26	18.82	13.81	10.59	6.68	4.58	3.28	21	90.3	0.94	49.5	6,105	9.4	3.6	10.9	4.9	4.0	9.1
7.777	79.2	4	6:33 PM	90.4	8833	34.3	25.03	20.3	14.85	11.38	7.23	5.04	3.81	22	90.3	0.95	49.3	6,109	9.4	3.6	10.9	4.9	4.0	9.1

7.861	79.2	1	6:34 PM	90.9	6090	30.22	21.52	16.3	11.19	8.59	5.36	3.86	2.96	17	90.7	0.95	61.4	5,323	8.0	3.1	9.2	4.6	3.8	7.3
7.861	79.2	2	6:34 PM	90.9	6178	28.63	20.89	15.98	11.11	8.57	5.17	4.01	3.37	16	90.7	0.94	57.6	5,505	8.3	3.3	9.7	4.7	3.9	7.8
7.861	79.2	3	6:34 PM	90.9	8087	37.8	27.69	21.27	14.74	11.43	7.24	5.15	3.74	22	90.7	0.95	58.2	5,420	8.1	3.3	9.6	4.7	3.9	7.7
7.861	79.2	4	6:34 PM	90.9	8734	40.23	29.7	22.86	15.98	12.31	7.76	5.53	4.23	23	90.7	0.95	57.4	5,456	8.2	3.3	9.8	4.7	3.9	7.8
7.958	78.9	1	6:35 PM	90.5	6342	21.79	18.45	15.93	12.18	9.59	5.28	3.08	2.28	16	90.4	0.95	44.3	5,472	8.2	4.3	12.6	4.9	4.0	10.2
7.958	78.9	2	6:35 PM	90.5	6364	21	17.92	15.46	11.81	9.3	5.14	3.11	2.31	15	90.4	0.94	42.7	5,661	8.6	4.4	12.9	4.9	4.1	10.5
7.958	78.9	3	6:35 PM	90.5	8427	28.44	24.39	21.06	16.18	12.7	7.03	4.24	3.15	21	90.4	0.95	43.6	5,486	8.2	4.4	12.8	4.9	4.0	10.3
7.958	78.9	4	6:35 PM	90.5	8833	30.16	25.7	22.15	17.04	13.39	7.46	4.45	3.31	22	90.4	0.95	44.1	5,456	8.2	4.3	12.7	4.9	4.0	10.2
8.057	79	1	6:36 PM	91.5	6320	21.96	17.06	13.45	9.83	7.69	4.88	3.35	2.45	14	91.1	0.94	44.4	6,556	10.2	3.8	11.8	5.1	4.1	10.1
8.057	79	2	6:36 PM	91.5	6375	21.13	16.65	13.2	9.69	7.64	4.89	3.37	2.48	14	91.1	0.94	42.6	6,703	10.5	3.9	12.2	5.1	4.1	10.6
8.057	79	3	6:36 PM	91.5	8383	28.86	22.54	17.91	13.12	10.43	6.69	4.56	3.34	19	91.1	0.94	44.1	6,456	10.0	3.9	11.9	5.1	4.1	10.2
8.057	79	4	6:36 PM	91.5	8877	30.7	24.04	19.11	14	11.19	7.12	4.85	3.57	20	91.1	0.94	44.3	6,383	9.9	3.9	11.9	5.0	4.1	10.2
8.152	79.3	1	6:37 PM	91.2	6079	26.67	16.76	11.72	7.32	5.37	3	1.93	1.45	13	90.9	0.92	53.5	7,414	11.8	2.8	9.3	5.1	4.0	8.4
8.152	79.3	2	6:37 PM	91.2	6167	25.59	16.39	11.67	7.42	5.37	2.94	1.96	1.65	12	90.9	0.92	50.9	7,658	12.3	2.9	9.7	5.1	4.1	8.8
8.152	79.3	3	6:37 PM	91.2	8120	33.78	22.33	15.87	10.06	7.45	4.27	2.63	1.78	17	90.9	0.92	51.2	7,424	11.8	3.0	9.7	5.1	4.1	8.8
8.152	79.3	4	6:37 PM	91.2	8669	36.82	24.05	17.2	10.81	8.11	4.64	2.81	1.89	18	90.9	0.93	52.2	7,276	11.5	3.0	9.6	5.1	4.0	8.6
8.241	79.8	1	6:38 PM	90.4	6298	21.39	17.11	14.06	10.27	7.85	5.29	3.82	2.81	13	90.3	0.95	43.9	6,465	10.0	3.9	12.0	5.1	4.1	10.3
8.241	79.8	2	6:38 PM	90.4	6364	20.2	16.53	13.7	10.12	7.87	5.36	3.92	2.95	13	90.3	0.95	41.4	6,585	10.2	4.1	12.6	5.1	4.1	10.9
8.241	79.8	3	6:38 PM	90.4	8405	26.8	22.06	18.33	13.68	10.54	7.02	5.14	3.83	18	90.3	0.95	41.5	6,503	10.1	4.1	12.6	5.1	4.1	10.8
8.241	79.8	4	6:38 PM	90.4	8888	28.33	23.36	19.37	14.52	11.19	7.4	5.46	4.09	19	90.3	0.95	41.5	6,481	10.1	4.1	12.7	5.1	4.1	10.8
8.341	79.4	1	6:39 PM	91.7	6639	8.89	7.11	5.96	4.87	4.24	3.23	2.53	2.06	6	91.2	0.92	20.3	12,874	23.2	5.1	19.3	6.3	4.9	22.2
8.341	79.4	2	6:39 PM	91.7	6726	8.87	7.06	5.97	4.89	4.25	3.26	2.54	2.07	6	91.2	0.92	20.1	13,007	23.5	5.1	19.4	6.4	4.9	22.4
8.341	79.4	3	6:39 PM	91.7	8724	11.72	9.32	7.91	6.43	5.57	4.25	3.35	2.74	8	91.2	0.92	20.3	12,883	23.2	5.1	19.2	6.3	4.9	22.1
8.341	79.4	4	6:39 PM	91.7	9130	12.37	9.76	8.25	6.72	5.84	4.44	3.5	2.86	8.3	91.2	0.92	20.5	12,868	23.2	5.0	19.1	6.3	4.9	22.0
8.441	80.3	1	6:40 PM	91.1	6441	20.9	15.02	11.59	8.47	6.6	4.51	3.47	2.81	12	90.8	0.94	41.7	7,576	12.1	3.7	11.8	5.3	4.2	10.8
8.441	80.3	2	6:40 PM	91.1	6485	19.74	14.47	11.25	8.29	6.46	4.41	3.37	2.71	12	90.8	0.94	39.5	7,871	12.7	3.8	12.3	5.3	4.2	11.4
8.441	80.3	3	6:40 PM	91.1	8537	25.62	19.09	14.9	10.97	8.56	5.81	4.44	3.5	15	90.8	0.94	39.0	7,863	12.7	3.9	12.5	5.3	4.2	11.5
8.441	80.3	4	6:40 PM	91.1	8855	26.37	19.75	15.42	11.37	8.85	6.02	4.59	3.61	16	90.8	0.94	38.7	7,898	12.7	3.9	12.5	5.4	4.3	11.6
8.524	79.7	1	6:41 PM	90.6	6529	11.72	10.18	8.33	6.22	4.93	3.19	2.31	1.87	8.4	90.5	0.92	25.4	10,881	18.8	4.7	16.7	6.0	4.6	17.7
8.524	79.7	2	6:41 PM	90.6	6683	12.99	10.19	8.35	6.3	5.03	3.28	2.38	1.9	8.5	90.5	0.92	27.0	10,808	18.7	4.4	15.7	5.9	4.6	16.7
8.524	79.7	3	6:41 PM	90.6	8570	16.52	13.23	10.85	8.2	6.51	4.23	3.07	2.47	11	90.5	0.92	26.8	10,738	18.5	4.5	15.9	5.9	4.6	16.8
8.524	79.7	4	6:41 PM	90.6	8965	17.2	13.85	11.36	8.58	6.82	4.43	3.21	2.59	12	90.5	0.92	26.7	10,731	18.5	4.5	15.9	5.9	4.6	16.8
8.624	80.2	1	6:42 PM	87.8	6309	18.24	13.34	10.52	7.86	6.35	4.31	3.23	2.51	11	88.6	0.95	38.3	7,915	12.8	3.9	12.7	5.4	4.3	11.7
8.624	80.2	2	6:42 PM	87.8	6397	17.96	13.04	10.3	7.74	6.3	4.36	3.21	2.48	11	88.6	0.95	37.4	8,103	13.1	3.9	12.9	5.4	4.3	12.0
8.624	80.2	3	6:42 PM	87.8	8471	23.9	17.53	13.91	10.5	8.45	5.74	4.27	3.36	15	88.6	0.95	37.5	8,014	13.0	4.0	12.9	5.4	4.3	12.0
8.624	80.2	4	6:42 PM	87.8	8866	25.23	18.35	14.58	11	8.86	6.02	4.46	3.5	16	88.6	0.95	37.8	7,987	12.9	3.9	12.8	5.4	4.3	11.9
8.717	80.1	1	6:43 PM	89.9	6452	19.64	16.06	12.96	9.6	7.65	5	3.55	2.76	14	90.0	0.94	39.9	6,868	10.8	4.1	12.9	5.2	4.2	11.3
8.717	80.1	2	6:43 PM	89.9	6562	19.89	15.87	12.85	9.44	7.63	5.14	3.48	2.59	14	90.0	0.95	39.7	6,986	11.0	4.1	12.8	5.2	4.2	11.3
8.717	80.1	3	6:43 PM	89.9	8581	26.16	21.33	17.33	12.85	10.31	6.78	4.84	3.82	18	90.0	0.95	40.0	6,789	10.6	4.1	12.9	5.2	4.2	11.3
8.717	80.1	4	6:43 PM	89.9	8943	27.51	22.31	18.19	13.45	10.78	7.07	5.11	4.04	19	90.0	0.95	40.3	6,761	10.6	4.1	12.8	5.2	4.2	11.2
8.824	79.5	1	6:44 PM	90.4	6057	32.56	21.4	15.11	11.15	8.81	5.67	3.82	2.76	18	90.3	0.95	66.3	5,074	7.5	3.0	8.7	4.5	3.8	6.8
8.824	79.5	2	6:44 PM	90.4	6233	31.24	21.42	15.37	11.45	9.06	5.83	3.87	2.77	18	90.3	0.95	62.2	5,200	7.7	3.1	9.2	4.6	3.8	7.2
8.824	79.5	3	6:44 PM	90.4	8175	40.66	28.31	20.48	15.26	12.13	7.84	5.26	3.73	23	90.3	0.95	61.8	5,141	7.6	3.2	9.2	4.6	3.8	7.3
8.824	79.5	4	6:44 PM	90.4	8756	43.28	30.58	22.21	16.53	13.09	8.46	5.71	4.16	25	90.3	0.95	61.5	5,125	7.6	3.2	9.3	4.6	3.8	7.3

8.913	79.4	1	6:45 PM	89.5	6704	12.24	10.11	8.76	7.13	6.1	4.44	3.37	2.72	8.7	89.8	0.94	26.2	8,984	14.9	5.0	17.6	5.8	4.5	17.2
8.913	79.4	2	6:45 PM	89.5	6792	11.37	9.85	8.54	6.99	5.97	4.37	3.31	2.74	8.5	89.8	0.94	24.4	9,211	15.4	5.2	18.6	5.9	4.6	18.4
8.913	79.4	3	6:45 PM	89.5	9020	15.84	13.26	11.51	9.42	8.05	5.84	4.4	3.54	11	89.8	0.94	25.4	9,129	15.2	5.1	18.0	5.8	4.6	17.7
8.913	79.4	4	6:45 PM	89.5	9031	16.06	13.36	11.58	9.5	8.09	5.89	4.44	3.54	12	89.8	0.94	25.6	9,109	15.2	5.1	17.9	5.8	4.6	17.6
9.003	79.7	1	6:46 PM	89.1	6529	12.23	10.42	9.15	7.48	6.35	4.45	3.29	2.54	9.3	89.5	0.94	26.8	8,343	13.6	5.1	17.7	5.7	4.5	16.8
9.003	79.7	2	6:46 PM	89.1	6573	12.19	10.23	8.97	7.34	6.24	4.4	3.24	2.51	9.2	89.5	0.94	26.5	8,571	14.1	5.1	17.7	5.7	4.5	17.0
9.003	79.7	3	6:46 PM	89.1	8559	15.85	13.54	11.88	9.74	8.27	5.81	4.26	3.29	12	89.5	0.94	26.5	8,390	13.7	5.2	17.9	5.7	4.5	17.0
9.003	79.7	4	6:46 PM	89.1	9009	16.5	14.16	12.41	10.17	8.62	6.06	4.45	3.43	13	89.5	0.94	26.3	8,470	13.9	5.2	18.0	5.7	4.5	17.1
9.097	82.4	1	6:47 PM	89.9	6529	28.74	20.43	14	8.93	6.61	4.23	3.11	2.53	13	90.0	0.94	54.6	6,846	10.7	2.9	9.4	5.0	4.0	8.2
9.097	82.4	2	6:47 PM	89.9	6375	27.51	19.62	13.78	8.98	6.61	4.31	3.13	2.57	13	90.0	0.94	53.8	6,804	10.7	3.0	9.6	5.0	4.0	8.4
9.097	82.4	3	6:47 PM	89.9	8032	34.46	25.65	18.16	11.9	8.78	5.78	4.13	3.38	17	90.0	0.94	53.6	6,603	10.3	3.1	9.7	4.9	4.0	8.4
9.097	82.4	4	6:47 PM	89.9	8789	37.48	27.93	19.85	12.98	9.54	6.29	4.68	3.65	18	90.0	0.94	53.3	6,647	10.4	3.1	9.8	5.0	4.0	8.4
9.192	83.7	1	6:48 PM	90.2	6233	24.68	16.03	11.24	7.57	5.85	3.91	2.69	2.11	11	90.2	0.94	50.0	7,451	11.9	3.1	10.0	5.1	4.1	9.0
9.192	83.7	2	6:48 PM	90.2	6298	23.84	15.56	11.05	7.51	5.83	3.89	2.7	2.13	11	90.2	0.94	47.7	7,675	12.3	3.2	10.3	5.2	4.1	9.4
9.192	83.7	3	6:48 PM	90.2	8296	31.22	20.65	14.81	10.17	7.86	5.22	3.61	2.87	15	90.2	0.94	47.5	7,583	12.1	3.2	10.4	5.2	4.1	9.5
9.192	83.7	4	6:48 PM	90.2	8767	32.68	21.83	15.72	10.76	8.35	5.57	3.82	3.02	16	90.2	0.94	47.1	7,586	12.1	3.2	10.5	5.2	4.1	9.6
9.287	82.9	1	6:50 PM	89.4	6079	24.39	18.64	14.04	9.43	6.94	4.3	3.18	2.58	13	89.7	0.94	50.6	6,579	10.2	3.3	10.3	5.0	4.0	8.9
9.287	82.9	2	6:50 PM	89.4	5925	22.22	16.89	12.81	8.7	6.48	4.06	3.01	2.43	12	89.7	0.94	47.6	6,924	10.9	3.4	10.8	5.1	4.1	9.4
9.287	82.9	3	6:50 PM	89.4	8010	29.92	23.49	17.88	12.2	9.07	5.68	4.24	3.44	17	89.7	0.94	47.5	6,771	10.6	3.5	10.9	5.1	4.1	9.5
9.287	82.9	4	6:50 PM	89.4	8548	31.77	25	19.11	13.06	9.7	6.06	4.51	3.69	18	89.7	0.94	47.3	6,772	10.6	3.5	10.9	5.1	4.1	9.5
9.384	81.4	1	6:51 PM	89.7	5958	32.66	22.95	16.98	11.35	8.56	5.69	4.26	3.26	18	89.9	0.95	67.7	5,077	7.5	2.9	8.5	4.5	3.8	6.7
9.384	81.4	2	6:51 PM	89.7	5936	30.91	21.91	16.44	11.11	8.49	5.67	4.2	3.26	17	89.9	0.95	64.6	5,188	7.7	3.0	8.8	4.6	3.8	7.0
9.384	81.4	3	6:51 PM	89.7	7626	38.69	27.87	21	14.29	10.89	7.32	5.4	4.22	22	89.9	0.95	63.1	5,240	7.8	3.1	9.0	4.6	3.8	7.1
9.384	81.4	4	6:51 PM	89.7	8241	41.26	30.02	22.66	15.48	11.8	7.92	5.83	4.57	23	89.9	0.95	62.3	5,254	7.8	3.1	9.1	4.6	3.8	7.2
9.474	80.1	1	6:52 PM	90.2	6035	27.63	21.05	15.85	10.42	7.54	4.46	3.23	2.57	16	90.2	0.94	56.8	5,925	9.0	3.2	9.6	4.8	3.9	7.9
9.474	80.1	2	6:52 PM	90.2	6068	26.04	19.89	15.09	10.04	7.33	4.37	3.17	2.55	16	90.2	0.94	53.6	6,195	9.5	3.3	10.0	4.9	4.0	8.4
9.474	80.1	3	6:52 PM	90.2	7868	34.16	25.94	19.71	13.19	9.63	5.78	4.22	3.41	21	90.2	0.94	54.2	6,117	9.4	3.3	9.9	4.9	4.0	8.3
9.474	80.1	4	6:52 PM	90.2	8416	36.31	27.79	21.07	14.12	10.31	6.15	4.49	3.6	22	90.2	0.94	53.9	6,127	9.4	3.3	10.0	4.9	4.0	8.4
9.571	79.3	1	6:53 PM	88.8	6090	19.64	15.28	12.41	9.22	7.31	4.79	3.5	2.78	14	89.3	0.95	42.1	6,731	10.5	4.0	12.3	5.1	4.1	10.7
9.571	79.3	2	6:53 PM	88.8	6189	19.06	14.93	12.15	9.13	7.22	4.81	3.51	2.77	13	89.3	0.95	40.4	6,948	10.9	4.0	12.6	5.2	4.2	11.1
9.571	79.3	3	6:53 PM	88.8	7933	23.82	18.91	15.43	11.58	9.22	6.16	4.56	3.63	17	89.3	0.95	39.6	7,000	11.0	4.1	12.9	5.2	4.2	11.4
9.571	79.3	4	6:53 PM	88.8	8537	25.55	20.25	16.51	12.42	9.9	6.62	4.89	3.92	18	89.3	0.95	39.5	7,016	11.1	4.1	12.9	5.2	4.2	11.4
9.663	78.9	1	6:54 PM	89.2	6309	17.85	15.5	13.21	10.25	8.31	5.37	3.49	2.59	13	89.6	0.95	37.7	6,258	9.6	4.6	14.1	5.1	4.2	11.9
9.663	78.9	2	6:54 PM	89.2	6288	17.74	14.97	12.75	9.93	8.03	5.25	3.49	2.59	12	89.6	0.95	37.6	6,468	10.0	4.5	14.0	5.2	4.2	12.0
9.663	78.9	3	6:54 PM	89.2	8153	23.04	19.7	16.84	13.14	10.65	6.96	4.64	3.48	16	89.6	0.95	37.7	6,314	9.7	4.6	14.1	5.2	4.2	11.9
9.663	78.9	4	6:54 PM	89.2	8625	24.39	20.88	17.83	13.93	11.32	7.39	4.91	3.67	17	89.6	0.95	37.7	6,282	9.7	4.6	14.1	5.1	4.2	11.9
9.760	77.5	1	6:55 PM	89.1	6156	19.75	14.83	11.41	7.99	6.12	4	3.01	2.45	11	89.5	0.94	41.6	7,764	12.5	3.7	11.8	5.3	4.2	10.8
9.760	77.5	2	6:55 PM	89.1	6244	19.35	14.57	11.26	7.89	6.29	4.22	2.96	2.42	11	89.5	0.94	40.4	7,769	12.5	3.8	12.1	5.3	4.2	11.1
9.760	77.5	3	6:55 PM	89.1	8032	24.8	18.82	14.6	10.21	8.08	5.4	3.78	3.1	15	89.5	0.94	40.3	7,785	12.5	3.8	12.1	5.3	4.2	11.2
9.760	77.5	4	6:55 PM	89.1	8592	26.32	20.06	15.6	10.91	8.67	5.83	3.98	3.3	16	89.5	0.94	40.0	7,784	12.5	3.8	12.2	5.3	4.2	11.2
9.850	76.9	1	6:56 PM	88.7	6145	15.29	12.09	9.58	7.02	5.56	3.85	3	2.41	9.9	89.2	0.94	33.6	8,889	14.7	4.1	13.8	5.6	4.4	13.4
9.850	76.9	2	6:56 PM	88.7	6200	14.95	11.85	9.45	6.99	5.59	3.89	3.04	2.43	9.8	89.2	0.94	32.7	8,969	14.9	4.2	14.1	5.6	4.4	13.8
9.850	76.9	3	6:56 PM	88.7	8021	19.87	15.46	12.35	9.07	7.32	5.1	3.86	3.19	13	89.2	0.94	33.5	8,836	14.6	4.1	13.9	5.6	4.4	13.4
9.850	76.9	4	6:56 PM	88.7	8570	21.08	16.52	13.21	9.64	7.93	5.51	3.99	3.05	14	89.2	0.94	33.3	8,749	14.4	4.2	14.0	5.6	4.4	13.5

9.947	77.9	1	6:58 PM	89.0	6123	38.32	19.54	11.49	7	4.92	2.69	1.91	1.59	16	89.4	0.93	74.4	6,577	10.2	1.9	7.0	4.7	3.8	6.0
9.947	77.9	2	6:58 PM	89.0	6145	34.65	18.57	11.54	7.11	5.07	2.7	1.87	1.38	15	89.4	0.93	67.6	6,835	10.7	2.1	7.6	4.8	3.9	6.7
9.947	77.9	3	6:58 PM	89.0	7879	44.58	24.42	15.37	9.49	6.65	3.65	2.61	2.22	20	89.4	0.93	67.9	6,744	10.5	2.1	7.6	4.8	3.9	6.6
9.947	77.9	4	6:58 PM	89.0	8460	46.76	26.34	16.75	10.33	7.26	3.96	2.83	2.36	22	89.4	0.93	66.5	6,764	10.6	2.2	7.8	4.8	3.9	6.8
10.045	77.7	1	6:59 PM	87.9	6364	15.61	11.41	8.7	6	4.62	3.12	2.39	1.94	8.9	88.7	0.94	33.0	10,482	18.0	3.8	13.0	5.7	4.5	13.6
10.045	77.7	2	6:59 PM	87.9	6408	14.55	11.15	8.54	5.94	4.6	3.13	2.41	1.94	8.7	88.7	0.94	31.0	10,817	18.7	3.9	13.7	5.8	4.5	14.5
10.045	77.7	3	6:59 PM	87.9	8153	18.6	14.22	10.93	7.6	5.88	3.98	3.07	2.5	11	88.7	0.94	31.1	10,766	18.6	3.9	13.7	5.8	4.5	14.5
10.045	77.7	4	6:59 PM	87.9	8636	19.75	15	11.52	8.04	6.21	4.2	3.24	2.63	12	88.7	0.94	31.2	10,781	18.6	3.9	13.6	5.8	4.5	14.4
10.141	78.8	1	7:03 PM	87.1	6298	22.32	15.85	11.87	7.95	5.91	3.65	2.71	2.16	11	88.2	0.95	45.5	7,803	12.6	3.3	10.7	5.2	4.2	9.9
10.141	78.8	2	7:03 PM	87.1	6397	21.4	15.19	11.43	7.72	5.8	3.61	2.7	2.17	11	88.2	0.94	43.2	8,144	13.2	3.4	11.1	5.3	4.2	10.4
10.141	78.8	3	7:03 PM	87.1	8438	28.18	19.97	15.1	10.31	7.75	4.85	3.66	2.94	14	88.2	0.95	43.2	8,082	13.1	3.4	11.1	5.3	4.2	10.4
10.141	78.8	4	7:03 PM	87.1	8965	29.75	21.14	15.98	10.91	8.21	5.15	3.87	3.12	15	88.2	0.95	43.0	8,115	13.2	3.4	11.2	5.3	4.2	10.5
10.231	77.4	1	7:04 PM	86.6	6233	29.52	19.9	14.03	8.87	6.4	3.78	2.94	2.67	15	87.9	0.95	59.0	6,585	10.2	2.7	8.8	4.9	3.9	7.6
10.231	77.4	2	7:04 PM	86.6	6298	28.3	19.28	13.78	8.95	6.59	4.06	2.97	2.38	15	87.9	0.95	56.4	6,658	10.4	2.9	9.2	4.9	4.0	8.0
10.231	77.4	3	7:04 PM	86.6	8274	37.33	25.7	18.45	12.07	8.85	5.48	4.03	3.25	20	87.9	0.95	56.7	6,560	10.2	2.9	9.2	4.9	4.0	7.9
10.231	77.4	4	7:04 PM	86.6	8756	39.07	27.2	19.6	12.86	9.46	5.84	4.31	3.47	21	87.9	0.95	56.1	6,550	10.2	2.9	9.3	4.9	4.0	8.0
10.342	77.5	1	7:05 PM	86.3	6375	34.11	24.57	17.59	11.2	7.75	4.04	2.72	2.19	18	87.7	0.95	66.1	5,673	8.6	2.7	8.4	4.7	3.8	6.8
10.342	77.5	2	7:05 PM	86.3	6485	32.75	23.79	17.36	11.32	7.91	4.2	2.85	2.31	18	87.7	0.95	62.8	5,796	8.8	2.8	8.7	4.7	3.9	7.2
10.342	77.5	3	7:05 PM	86.3	8394	42.37	31.11	22.81	14.92	10.46	5.54	3.77	3.03	24	87.7	0.95	62.8	5,722	8.7	2.9	8.8	4.7	3.9	7.2
10.342	77.5	4	7:05 PM	86.3	8811	44.02	32.55	23.97	15.73	11.07	5.91	4.02	3.22	25	87.7	0.95	62.2	5,716	8.7	2.9	8.8	4.7	3.9	7.2
10.420	78	1	7:06 PM	86.6	6309	31.89	25.06	17.12	10.52	7.7	4.31	2.98	2.35	18	87.9	0.95	62.8	5,792	8.8	2.8	8.7	4.7	3.9	7.2
10.420	78	2	7:06 PM	86.6	6353	29.82	23.59	16.42	10.31	7.63	4.34	3.02	2.39	17	87.9	0.95	58.8	6,019	9.2	3.0	9.2	4.8	3.9	7.7
10.420	78	3	7:06 PM	86.6	8285	39.78	31.35	21.94	13.87	10.24	5.82	4.04	3.22	23	87.9	0.95	60.1	5,862	8.9	3.0	9.1	4.8	3.9	7.5
10.420	78	4	7:06 PM	86.6	8756	42.16	33.18	23.26	14.81	10.91	6.28	4.33	3.41	25	87.9	0.95	60.2	5,827	8.9	3.0	9.1	4.7	3.9	7.5
10.520	77.9	1	7:08 PM	86.5	5958	44.32	30.34	21.31	13.19	9.25	5.09	3.47	2.67	21	87.8	0.96	90.3	4,285	6.2	2.2	6.7	4.2	3.6	5.0
10.520	77.9	2	7:08 PM	86.5	5947	40.95	28.62	20.39	12.86	9.12	5.04	3.46	2.66	20	87.8	0.96	84.0	4,460	6.5	2.4	7.1	4.3	3.6	5.4
10.520	77.9	3	7:08 PM	86.5	7846	54.63	38.33	27.43	17.25	12.28	6.98	4.58	3.57	28	87.8	0.96	85.0	4,386	6.4	2.4	7.1	4.2	3.6	5.3
10.520	77.9	4	7:08 PM	86.5	8383	57.82	40.94	29.42	18.65	13.21	7.26	5.15	4.05	29	87.8	0.96	84.2	4,387	6.4	2.4	7.2	4.3	3.6	5.3
10.614	77.7	1	7:09 PM	86.3	6255	28.52	21.92	17.1	11.54	8.35	4.57	3.11	2.46	18	87.7	0.96	57.5	5,680	8.6	3.2	9.6	4.7	3.9	7.8
10.614	77.7	2	7:09 PM	86.3	6353	27.53	21.62	16.98	11.6	8.48	4.69	3.22	2.54	18	87.7	0.96	54.9	5,773	8.8	3.3	10.0	4.8	3.9	8.2
10.614	77.7	3	7:09 PM	86.3	8263	36.62	28.62	22.54	15.44	11.25	6.24	4.27	3.31	24	87.7	0.96	56.1	5,654	8.5	3.3	9.9	4.8	3.9	8.0
10.614	77.7	4	7:09 PM	86.3	8877	39.5	30.7	24.15	16.57	12.1	6.67	4.56	3.7	26	87.7	0.96	56.3	5,643	8.5	3.3	9.8	4.8	3.9	8.0
10.708	77.5	1	7:10 PM	86.8	6189	45.15	32.53	23.46	14.46	9.64	4.93	3.35	2.69	24	88.0	0.96	88.4	4,313	6.2	2.3	6.9	4.2	3.6	5.1
10.708	77.5	2	7:10 PM	86.8	6233	43.33	31.56	22.94	14.34	9.76	5.07	3.32	2.69	24	88.0	0.96	84.6	4,388	6.4	2.4	7.1	4.2	3.6	5.3
10.708	77.5	3	7:10 PM	86.8	8142	57.31	41.88	30.43	19.19	13.08	6.78	4.41	3.65	32	88.0	0.96	85.6	4,301	6.2	2.4	7.1	4.2	3.6	5.3
10.708	77.5	4	7:10 PM	86.8	8713	61.21	45.17	32.78	20.74	14.03	7.26	4.81	3.87	34	88.0	0.96	85.5	4,298	6.2	2.4	7.1	4.2	3.6	5.3
10.802	77.2	1	7:11 PM	86.9	6298	41.64	29.58	21.04	13.37	9.46	5.22	3.66	2.89	22	88.0	0.96	80.8	4,591	6.7	2.5	7.4	4.3	3.7	5.6
10.802	77.2	2	7:11 PM	86.9	6233	37.93	27.36	19.88	12.91	9.26	5.22	3.74	2.94	21	88.0	0.96	74.8	4,778	7.0	2.6	7.8	4.4	3.7	6.0
10.802	77.2	3	7:11 PM	86.9	8263	50.52	37	27.14	17.57	12.53	7.02	4.8	3.84	28	88.0	0.96	75.2	4,710	6.9	2.7	7.8	4.4	3.7	6.0
10.802	77.2	4	7:11 PM	86.9	8800	53.53	39.53	29.1	18.91	13.5	7.55	5.33	4.2	30	88.0	0.96	74.9	4,687	6.9	2.7	7.9	4.4	3.7	6.0
10.893	77	1	7:12 PM	86.3	6156	29.79	21.34	15.56	10.06	7.28	4.37	3.19	2.62	16	87.7	0.96	60.6	6,005	9.2	2.9	8.9	4.8	3.9	7.4
10.893	77	2	7:12 PM	86.3	6255	29.11	20.83	15.36	10.04	7.3	4.42	3.22	2.66	16	87.7	0.96	58.5	6,146	9.4	2.9	9.2	4.8	3.9	7.7
10.893	77	3	7:12 PM	86.3	8186	38.09	27.48	20.33	13.35	9.71	5.87	4.31	3.41	21	87.7	0.96	58.5	6,086	9.3	3.0	9.2	4.8	3.9	7.7
10.893	77	4	7:12 PM	86.3	8745	40.78	29.39	21.75	14.32	10.43	6.3	4.62	3.64	23	87.7	0.96	58.6	6,060	9.3	3.0	9.2	4.8	3.9	7.7

10.988	77.9	1	7:13 PM	85.5	6167	43.44	31.33	22.54	13.4	8.73	4.09	2.95	2.43	23	87.1	0.96	85.6	4,622	6.7	2.2	6.9	4.3	3.6	5.3
10.988	77.9	2	7:13 PM	85.5	6211	41.38	29.92	21.77	13.17	8.63	4.1	2.99	2.43	23	87.1	0.96	81.2	4,786	7.0	2.3	7.2	4.4	3.7	5.5
10.988	77.9	3	7:13 PM	85.5	8076	53.81	39.37	28.88	17.56	11.56	5.5	4.08	3.34	30	87.1	0.96	81.3	4,706	6.9	2.4	7.2	4.3	3.7	5.5
10.988	77.9	4	7:13 PM	85.5	8592	57.04	41.99	30.92	18.89	12.45	5.97	4.33	3.6	32	87.1	0.96	81.1	4,680	6.8	2.4	7.3	4.3	3.7	5.5
11.086	77.3	1	7:14 PM	85.2	6200	33.17	23.96	17.7	11.02	7.48	3.8	2.72	2.26	18	86.9	0.96	66.4	5,698	8.6	2.7	8.3	4.7	3.8	6.8
11.086	77.3	2	7:14 PM	85.2	6364	32.29	23.61	17.62	11.16	7.61	3.92	2.79	2.29	18	86.9	0.96	63.2	5,854	8.9	2.8	8.6	4.7	3.9	7.1
11.086	77.3	3	7:14 PM	85.2	8307	42.62	31.4	23.44	14.95	10.35	5.26	3.74	3.05	25	86.9	0.96	63.9	5,686	8.6	2.8	8.6	4.7	3.8	7.0
11.086	77.3	4	7:14 PM	85.2	8800	45.12	33.39	24.98	16.01	11.02	5.69	4.02	3.44	26	86.9	0.96	63.9	5,670	8.6	2.8	8.6	4.7	3.8	7.0
11.184	76.8	1	7:15 PM	83.7	6211	18.25	14.28	11.19	7.62	5.54	3.12	2.09	1.63	11	85.9	0.96	39.2	8,599	14.1	3.6	12.0	5.4	4.3	11.5
11.184	76.8	2	7:15 PM	83.7	6342	17.95	14.08	11.07	7.59	5.53	3.15	2.12	1.65	11	85.9	0.96	38.0	8,837	14.6	3.7	12.2	5.5	4.3	11.9
11.184	76.8	3	7:15 PM	83.7	8394	23.98	18.86	14.87	10.25	7.48	4.28	2.91	2.28	15	85.9	0.96	38.3	8,680	14.3	3.7	12.2	5.5	4.3	11.8
11.184	76.8	4	7:15 PM	83.7	8822	25.41	19.74	15.57	10.76	7.86	4.52	3.07	2.39	16	85.9	0.96	38.6	8,659	14.3	3.7	12.1	5.4	4.3	11.7
11.273	77.1	1	7:16 PM	84.2	6364	22.71	18.59	15.3	11.03	8.2	4.58	2.91	2.17	16	86.3	0.96	46.6	6,233	9.6	3.8	11.4	5.0	4.1	9.6
11.273	77.1	2	7:16 PM	84.2	6496	22.53	18.57	15.29	11.09	8.27	4.65	2.95	2.2	16	86.3	0.96	45.5	6,329	9.8	3.8	11.7	5.0	4.1	9.9
11.273	77.1	3	7:16 PM	84.2	8438	29.7	24.47	20.2	14.7	11	6.2	3.98	2.96	21	86.3	0.96	46.1	6,192	9.5	3.8	11.6	5.0	4.1	9.8
11.273	77.1	4	7:16 PM	84.2	8910	31.46	25.83	21.32	15.41	11.69	6.54	4.17	3.1	22	86.3	0.96	46.2	6,156	9.5	3.8	11.6	5.0	4.1	9.7
11.370	76.8	1	7:17 PM	84.9	6222	25.24	19.35	14.65	9.41	6.71	3.65	2.59	2.09	14	86.7	0.96	51.8	6,799	10.6	3.2	10.0	5.0	4.0	8.7
11.370	76.8	2	7:17 PM	84.9	6408	25.07	19.2	14.66	9.52	6.85	3.77	2.68	2.18	14	86.7	0.96	50.1	6,928	10.9	3.2	10.2	5.0	4.1	9.0
11.370	76.8	3	7:17 PM	84.9	8372	33.24	25.53	19.6	12.83	9.2	5.05	3.63	2.96	19	86.7	0.96	50.8	6,770	10.6	3.2	10.2	5.0	4.0	8.9
11.370	76.8	4	7:17 PM	84.9	8844	35.1	26.93	20.65	13.58	9.75	5.37	3.83	3.17	20	86.7	0.96	50.8	6,757	10.6	3.2	10.2	5.0	4.0	8.9
11.470	77.1	1	7:18 PM	84.2	6046	31.99	21.54	15.01	9.16	6.41	3.63	2.59	2.09	15	86.3	0.96	65.9	6,164	9.5	2.5	8.1	4.7	3.9	6.8
11.470	77.1	2	7:18 PM	84.2	6200	30.72	21.16	14.96	9.29	6.54	3.74	2.67	2.15	15	86.3	0.96	62.1	6,361	9.8	2.6	8.5	4.8	3.9	7.2
11.470	77.1	3	7:18 PM	84.2	8065	41.11	28.06	19.96	12.49	8.73	4.98	3.57	2.93	20	86.3	0.96	63.8	6,192	9.5	2.6	8.4	4.8	3.9	7.1
11.470	77.1	4	7:18 PM	84.2	8833	44.83	30.85	21.97	13.72	9.67	5.52	3.94	3.25	22	86.3	0.96	63.6	6,164	9.5	2.6	8.4	4.8	3.9	7.1
11.560	76.7	1	7:19 PM	85.1	6134	40.51	29.33	20.89	12.48	8.35	4.56	3.18	2.54	21	86.8	0.96	81.0	4,860	7.2	2.3	7.2	4.4	3.7	5.6
11.560	76.7	2	7:19 PM	85.1	6211	38.73	28.37	20.41	12.39	8.43	4.65	3.21	2.56	21	86.8	0.96	76.8	4,990	7.4	2.4	7.5	4.4	3.7	5.9
11.560	76.7	3	7:19 PM	85.1	8142	51.35	37.86	27.44	16.78	11.33	6.23	4.39	3.44	28	86.8	0.96	77.7	4,896	7.2	2.4	7.5	4.4	3.7	5.8
11.560	76.7	4	7:19 PM	85.1	8636	54.22	40.16	29.21	17.98	12.13	6.66	4.69	3.67	30	86.8	0.96	77.4	4,878	7.2	2.5	7.5	4.4	3.7	5.8
11.655	76.1	1	7:20 PM	84.9	6068	64.27	40.02	22.34	10.62	6.82	3.8	2.81	2.26	24	86.7	0.96	125.8	4,268	6.2	0.9	4.8	4.0	3.4	3.6
11.655	76.1	2	7:20 PM	84.9	6079	58.86	37.57	21.76	10.73	6.96	3.86	2.84	2.27	23	86.7	0.96	115.5	4,428	6.4	1.2	5.2	4.1	3.5	3.9
11.655	76.1	3	7:20 PM	84.9	7988	74.41	49.24	29.19	14.5	9.38	5.3	3.69	3.14	31	86.7	0.96	111.5	4,459	6.5	1.3	5.4	4.1	3.5	4.0
11.655	76.1	4	7:20 PM	84.9	8636	78.85	52.45	31.54	15.89	10.22	5.74	4.32	3.43	34	86.7	0.96	109.4	4,487	6.5	1.4	5.5	4.1	3.5	4.1
11.747	78.6	1	7:22 PM	84.3	6002	51.48	32.79	20.69	11.25	7.35	4.13	3.1	2.61	22	86.3	0.96	103.5	4,550	6.6	1.5	5.8	4.2	3.5	4.3
11.747	78.6	2	7:22 PM	84.3	6134	49.59	31.8	20.52	11.31	7.39	4.04	2.94	2.31	22	86.3	0.96	97.8	4,723	6.9	1.7	6.0	4.2	3.6	4.6
11.747	78.6	3	7:22 PM	84.3	7912	62.35	41.26	27.09	15.2	10.04	5.69	4.35	3.58	29	86.3	0.96	95.7	4,655	6.8	1.8	6.2	4.2	3.6	4.7
11.747	78.6	4	7:22 PM	84.3	8636	67.54	45.27	29.83	16.89	11.17	6.37	4.92	3.92	32	86.3	0.96	95.1	4,625	6.8	1.8	6.2	4.2	3.6	4.7
11.849	78.9	1	7:23 PM	83.3	6123	30.78	22.54	17	11.46	8.6	5.4	3.8	2.79	17	85.7	0.97	63.7	5,314	7.9	3.0	8.9	4.6	3.8	7.1
11.849	78.9	2	7:23 PM	83.3	6244	29.61	22.04	16.74	11.46	8.65	5.47	3.89	2.87	18	85.7	0.97	60.5	5,469	8.2	3.1	9.3	4.7	3.9	7.4
11.849	78.9	3	7:23 PM	83.3	8131	38.58	29.09	22.3	15.2	11.48	7.29	5.14	3.8	23	85.7	0.97	60.5	5,399	8.1	3.1	9.3	4.7	3.9	7.4
11.849	78.9	4	7:23 PM	83.3	8734	41.46	31.28	24.14	16.4	12.39	7.85	5.54	4.1	25	85.7	0.97	60.6	5,381	8.1	3.2	9.3	4.7	3.9	7.4
11.938	77.7	1	7:24 PM	82.9	6123	33.59	25.91	19.8	13.21	9.31	4.86	3.15	2.37	20	85.4	0.97	69.0	4,895	7.2	2.9	8.4	4.5	3.8	6.5
11.938	77.7	2	7:24 PM	82.9	6178	32.87	24.85	19.12	12.89	9.15	4.85	3.19	2.4	20	85.4	0.97	67.0	5,033	7.5	2.9	8.6	4.5	3.8	6.7
11.938	77.7	3	7:24 PM	82.9	8164	43.91	33.59	25.94	17.5	12.5	6.64	4.19	3.2	27	85.4	0.97	67.8	4,906	7.2	3.0	8.6	4.5	3.8	6.6
11.938	77.7	4	7:24 PM	82.9	8734	46.88	35.93	27.76	18.8	13.42	7.15	4.67	3.54	29	85.4	0.97	67.6	4,898	7.2	3.0	8.6	4.5	3.8	6.7

12.033	76.4	1	7:25 PM	82.2	6167	26.04	19.68	14.97	9.87	7.01	3.72	2.39	1.9	15	84.9	0.97	54.3	6,480	10.1	3.1	9.7	4.9	4.0	8.3
12.033	76.4	2	7:25 PM	82.2	6266	25.19	19.04	14.57	9.69	6.96	3.72	2.39	1.91	15	84.9	0.97	52.0	6,693	10.4	3.2	10.0	5.0	4.0	8.7
12.033	76.4	3	7:25 PM	82.2	8361	34.44	26.08	20.02	13.41	9.59	5.13	3.35	2.63	21	84.9	0.97	53.2	6,500	10.1	3.2	9.9	4.9	4.0	8.5
12.033	76.4	4	7:25 PM	82.2	8745	36.44	27.32	21.02	14.11	10.12	5.4	3.52	2.8	22	84.9	0.97	53.7	6,436	10.0	3.2	9.8	4.9	4.0	8.4
12.122	76.6	1	7:26 PM	83.6	6288	24.38	17.7	13.33	8.51	5.96	3.19	2.11	1.61	14	85.8	0.96	49.9	7,493	12.0	3.0	10.0	5.1	4.1	9.0
12.122	76.6	2	7:26 PM	83.6	6342	22.7	17.13	12.94	8.41	5.85	3.1	2.14	1.71	14	85.8	0.96	46.5	7,859	12.7	3.2	10.5	5.2	4.1	9.7
12.122	76.6	3	7:26 PM	83.6	8296	30.47	22.97	17.38	11.33	7.9	4.17	2.89	2.37	18	85.8	0.96	47.5	7,629	12.2	3.2	10.4	5.2	4.1	9.5
12.122	76.6	4	7:26 PM	83.6	8833	32.64	24.63	18.69	12.18	8.51	4.47	3.11	2.53	20	85.8	0.96	47.8	7,557	12.1	3.2	10.3	5.2	4.1	9.4
12.219	76.4	1	7:27 PM	83.6	6441	13.95	11.9	9.96	7.39	5.67	3.34	2.21	1.7	9.8	85.8	0.96	30.5	9,303	15.5	4.4	14.9	5.7	4.5	14.7
12.219	76.4	2	7:27 PM	83.6	6529	14.09	11.7	9.81	7.29	5.59	3.32	2.22	1.72	9.8	85.8	0.96	30.4	9,536	16.0	4.3	14.7	5.7	4.5	14.8
12.219	76.4	3	7:27 PM	83.6	8515	18.9	15.56	13.07	9.75	7.52	4.46	2.97	2.27	13	85.8	0.96	31.1	9,248	15.4	4.3	14.6	5.7	4.4	14.5
12.219	76.4	4	7:27 PM	83.6	8987	19.95	16.43	13.77	10.28	7.94	4.71	3.15	2.43	14	85.8	0.96	31.1	9,245	15.4	4.3	14.6	5.7	4.4	14.5
12.319	75.9	1	7:29 PM	84.2	6178	36.1	23.82	16.76	10.13	6.83	3.4	2.24	1.82	18	86.2	0.96	72.1	5,761	8.7	2.3	7.6	4.6	3.8	6.2
12.319	75.9	2	7:29 PM	84.2	6266	35.1	23.39	16.59	10.1	6.89	3.46	2.2	1.92	18	86.2	0.96	69.3	5,888	9.0	2.4	7.9	4.7	3.8	6.5
12.319	75.9	3	7:29 PM	84.2	8186	45.57	31.14	22.16	13.57	9.31	4.77	3.28	2.52	24	86.2	0.96	69.0	5,795	8.8	2.5	7.9	4.6	3.8	6.5
12.319	75.9	4	7:29 PM	84.2	8691	48.29	33	23.55	14.48	9.94	5.11	3.53	2.68	26	86.2	0.96	68.9	5,781	8.8	2.5	8.0	4.6	3.8	6.5
12.410	75.9	1	7:30 PM	83.7	6123	33.04	23.27	17.12	11.17	7.74	4.11	2.72	2.29	17	85.9	0.96	67.5	5,524	8.3	2.7	8.3	4.6	3.8	6.7
12.410	75.9	2	7:30 PM	83.7	6178	32.29	22.87	16.92	11.13	7.81	4.2	2.74	2.2	17	85.9	0.96	65.6	5,595	8.4	2.8	8.5	4.6	3.8	6.9
12.410	75.9	3	7:30 PM	83.7	8131	42.75	30.54	22.65	14.91	10.57	5.56	3.55	2.51	23	85.9	0.96	65.9	5,488	8.3	2.8	8.5	4.6	3.8	6.8
12.410	75.9	4	7:30 PM	83.7	8778	45.9	33.17	24.61	16.25	11.5	6.09	3.98	2.96	25	85.9	0.96	65.6	5,474	8.2	2.8	8.5	4.6	3.8	6.9
12.506	76	1	7:31 PM	84.1	6463	17.61	14.53	12.39	9.56	7.6	4.59	2.9	2.16	12	86.2	0.96	37.0	7,042	11.1	4.3	13.7	5.3	4.2	12.1
12.506	76	2	7:31 PM	84.1	6639	16.99	14.56	12.39	9.57	7.61	4.61	2.93	2.17	13	86.2	0.96	35.1	7,211	11.4	4.5	14.3	5.3	4.3	12.8
12.506	76	3	7:31 PM	84.1	8559	22.25	18.93	16.15	12.47	9.96	5.99	3.8	2.86	16	86.2	0.96	35.6	7,104	11.2	4.5	14.2	5.3	4.3	12.6
12.506	76	4	7:31 PM	84.1	8998	23.53	19.93	17.02	13.16	10.48	6.31	4	3	17	86.2	0.96	35.8	7,100	11.2	4.4	14.2	5.3	4.3	12.6
12.600	77.5	1	7:32 PM	84.9	6397	20.2	11.05	8.11	5.16	3.44	1.42	0.71	0.47	9.3	86.7	0.93	40.5	11,281	19.7	2.8	10.3	5.6	4.4	11.1
12.600	77.5	2	7:32 PM	84.9	6463	18.3	10.69	7.87	5.01	3.35	1.39	0.7	0.47	8.8	86.7	0.93	36.9	12,104	21.5	3.0	10.9	5.8	4.5	12.2
12.600	77.5	3	7:32 PM	84.9	8636	23.17	13.63	10.01	6.35	4.24	1.74	0.85	0.56	11	86.7	0.93	35.2	12,776	22.9	3.0	11.2	5.9	4.5	12.8
12.600	77.5	4	7:32 PM	84.9	8910	23.59	13.93	10.24	6.5	4.34	1.77	0.87	0.58	11	86.7	0.93	34.8	12,910	23.2	3.0	11.2	5.9	4.5	12.9
12.692	76.6	1	7:33 PM	84.9	6298	27.97	21.58	17.4	12.26	9.14	5.14	3.33	2.52	17	86.7	0.96	56.6	5,401	8.1	3.4	9.9	4.7	3.9	7.9
12.692	76.6	2	7:33 PM	84.9	6441	27.5	21.29	17.24	12.23	9.17	5.2	3.37	2.54	17	86.7	0.96	54.6	5,535	8.3	3.5	10.2	4.8	3.9	8.2
12.692	76.6	3	7:33 PM	84.9	8471	36.22	28.24	22.94	16.41	12.28	6.97	4.56	3.44	23	86.7	0.96	54.7	5,459	8.2	3.5	10.2	4.7	3.9	8.2
12.692	76.6	4	7:33 PM	84.9	8811	37.65	29.5	23.98	17.16	12.88	7.3	4.78	3.62	24	86.7	0.96	54.7	5,426	8.1	3.5	10.3	4.7	3.9	8.2
12.790	76	1	7:34 PM	83.9	6057	40.41	25.97	16.84	9.56	6.35	3.41	2.26	1.72	18	86.0	0.96	81.6	5,569	8.4	1.9	6.8	4.5	3.7	5.5
12.790	76	2	7:34 PM	83.9	6178	38.7	24.98	16.38	9.46	6.33	3.44	2.31	1.78	17	86.0	0.96	77.0	5,808	8.8	2.0	7.1	4.6	3.8	5.8
12.790	76	3	7:34 PM	83.9	8109	50.66	33.18	21.91	12.71	8.45	4.59	3.11	2.41	23	86.0	0.96	76.8	5,765	8.7	2.1	7.1	4.6	3.8	5.9
12.790	76	4	7:34 PM	83.9	8713	54.19	35.59	23.59	13.74	9.17	5.01	3.41	2.63	25	86.0	0.96	76.5	5,746	8.7	2.1	7.2	4.6	3.8	5.9
12.882	75.7	1	7:35 PM	83.5	6452	16.69	14.28	11.91	8.91	6.84	3.85	2.39	1.79	12	85.7	0.96	35.4	7,732	12.4	4.3	13.8	5.4	4.3	12.7
12.882	75.7	2	7:35 PM	83.5	6551	16.6	13.98	11.65	8.72	6.69	3.81	2.41	1.81	12	85.7	0.96	34.8	8,011	13.0	4.2	13.9	5.5	4.3	12.9
12.882	75.7	3	7:35 PM	83.5	8603	22.25	18.63	15.53	11.65	8.94	5.09	3.2	2.43	16	85.7	0.96	35.4	7,869	12.7	4.2	13.7	5.4	4.3	12.7
12.882	75.7	4	7:35 PM	83.5	8954	23.22	19.44	16.19	12.15	9.3	5.3	3.32	2.64	16	85.7	0.96	35.5	7,870	12.7	4.2	13.7	5.4	4.3	12.7
12.979	75.6	1	7:36 PM	83.2	6200	33.8	23.41	15.63	8.67	5.96	3.3	2.34	1.89	15	85.5	0.96	67.9	5,414	9.9	2.3	7.8	4.8	3.9	6.6
12.979	75.6	2	7:36 PM	83.2	6222	31.7	22.27	15.05	8.5	5.9	3.31	2.37	1.93	15	85.5	0.96	63.9	6,666	10.4	2.4	8.1	4.8	3.9	7.0
12.979	75.6	3	7:36 PM	83.2	8241	42.22	29.83	20.36	11.58	8.02	4.42	3.13	2.57	20	85.5	0.96	64.2	6,556	10.2	2.4	8.2	4.8	3.9	7.0
12.979	75.6	4	7:36 PM	83.2	8833	44.91	31.89	21.85	12.43	8.66	4.86	3.39	2.8	21	85.5	0.96	63.8	6,552	10.2	2.5	8.2	4.8	3.9	7.1

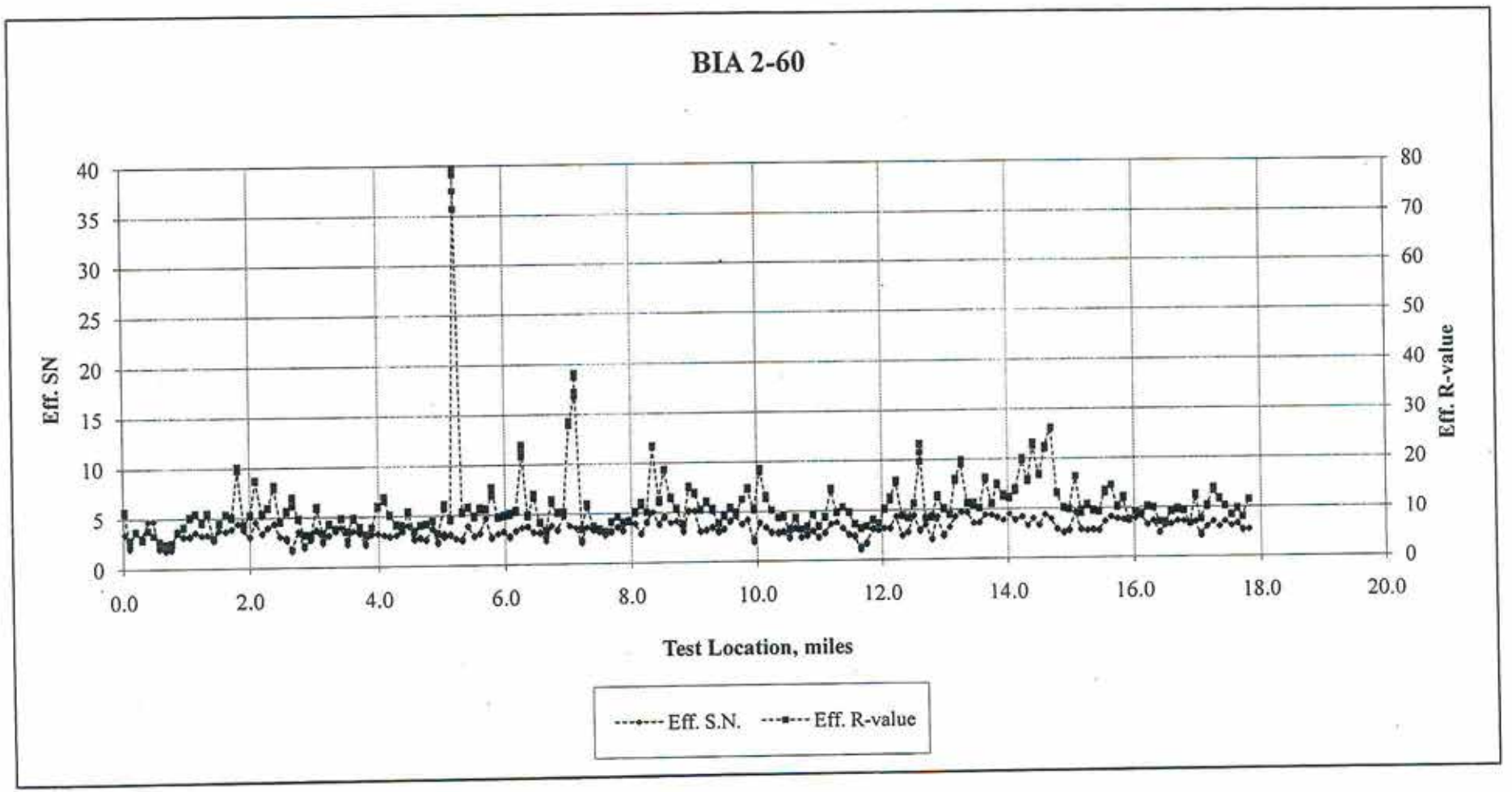
13.077	75.2	1	7:37 PM	83.6	6123	27.75	20.75	16.04	10.93	7.89	4.23	2.82	2.19	18	85.8	0.97	57.7	5,827	8.9	3.1	9.5	4.8	3.9	7.8
13.077	75.2	2	7:37 PM	83.6	6200	27.02	20.35	15.83	10.85	7.83	4.23	2.83	2.18	18	85.8	0.97	55.7	5,983	9.1	3.2	9.7	4.8	3.9	8.1
13.077	75.2	3	7:37 PM	83.6	8153	36	27.2	21.21	14.66	10.59	5.73	3.85	3.04	24	85.8	0.97	56.4	5,846	8.9	3.2	9.7	4.8	3.9	8.0
13.077	75.2	4	7:37 PM	83.6	8713	38.66	29.18	22.8	15.74	11.4	6.18	4.15	3.25	26	85.8	0.97	56.7	5,808	8.8	3.2	9.7	4.8	3.9	7.9
13.164	74.6	1	7:38 PM	83.9	6353	14.19	12.21	9.96	7.08	5.45	3.56	2.53	1.9	9.4	86.0	0.96	31.3	9,471	15.9	4.2	14.4	5.7	4.5	14.4
13.164	74.6	2	7:38 PM	83.9	6386	13.76	11.86	9.69	6.93	5.39	3.54	2.51	1.91	9.3	86.0	0.96	30.4	9,656	16.3	4.3	14.7	5.7	4.5	14.8
13.164	74.6	3	7:38 PM	83.9	8394	18.7	15.95	13.04	9.39	7.28	4.78	3.41	2.59	13	86.0	0.96	31.3	9,388	15.7	4.2	14.4	5.7	4.5	14.4
13.164	74.6	4	7:38 PM	83.9	8943	20.19	16.96	13.89	10	7.77	5.09	3.64	2.77	13	86.0	0.96	31.6	9,354	15.7	4.2	14.3	5.7	4.4	14.2
13.260	73.7	1	7:39 PM	83.4	6364	10.62	8.43	7.06	5.64	4.67	3.32	2.44	1.91	7.2	85.7	0.96	24.9	11,277	19.7	4.6	16.7	6.0	4.7	18.1
13.260	73.7	2	7:39 PM	83.4	6353	10.39	8.23	6.92	5.54	4.61	3.26	2.43	1.89	7	85.7	0.96	24.5	11,399	19.9	4.7	16.9	6.1	4.7	18.3
13.260	73.7	3	7:39 PM	83.4	8471	14.22	11.17	9.39	7.48	6.24	4.38	3.26	2.55	9.6	85.7	0.96	25.0	11,234	19.6	4.6	16.7	6.0	4.7	18.0
13.260	73.7	4	7:39 PM	83.4	8921	14.56	11.63	9.96	7.67	6.7	4.58	3.5	2.61	10	85.7	0.96	24.5	10,986	19.1	4.8	17.2	6.0	4.7	18.4
13.356	73	1	7:40 PM	83.3	6408	15.94	13.68	11.78	9.28	7.5	4.7	3.08	2.28	12	85.6	0.97	34.5	7,036	11.1	4.6	14.8	5.3	4.3	13.0
13.356	73	2	7:40 PM	83.3	6397	15.34	13.26	11.44	9.03	7.3	4.61	3.06	2.27	11	85.6	0.97	33.4	7,207	11.4	4.7	15.1	5.4	4.3	13.5
13.356	73	3	7:40 PM	83.3	8504	20.53	17.91	15.44	12.19	9.84	6.17	4.05	3	16	85.6	0.97	33.6	7,102	11.2	4.7	15.1	5.4	4.3	13.4
13.356	73	4	7:40 PM	83.3	8921	21.74	18.75	16.17	12.79	10.33	6.49	4.23	3.13	16	85.6	0.97	33.9	7,104	11.2	4.7	15.0	5.3	4.3	13.3
13.457	72.8	1	7:41 PM	81.6	6255	22.52	15.15	12.38	9.07	7.21	3.92	2.16	1.71	9.8	84.5	0.97	47.4	6,761	10.6	3.5	10.9	5.1	4.1	9.5
13.457	72.8	2	7:41 PM	81.6	6386	21.94	14.87	12.15	8.96	6.93	3.88	2.3	1.74	9.9	84.5	0.97	45.5	7,154	11.3	3.5	11.1	5.1	4.1	9.9
13.457	72.8	3	7:41 PM	81.6	8339	27.79	19.64	16.07	11.87	9.03	5.2	3.17	2.26	13	84.5	0.97	44.3	7,227	11.5	3.6	11.4	5.2	4.1	10.2
13.457	72.8	4	7:41 PM	81.6	8789	28.92	20.72	16.96	12.57	9.56	5.51	3.37	2.4	14	84.5	0.97	43.8	7,229	11.5	3.6	11.5	5.2	4.1	10.3
13.547	72.7	1	7:42 PM	83.0	6288	23.18	18.65	15.5	11.18	7.52	4.06	2.5	1.61	15	85.4	0.97	48.1	6,540	10.2	3.5	10.9	5.0	4.1	9.4
13.547	72.7	2	7:42 PM	83.0	6386	22.4	18.43	15.21	10.85	7.59	4.34	2.57	1.51	15	85.4	0.97	46.1	6,658	10.4	3.6	11.3	5.1	4.1	9.8
13.547	72.7	3	7:42 PM	83.0	8350	29.89	24.61	20.34	14.49	10.12	5.68	3.46	2.11	20	85.4	0.97	47.0	6,528	10.1	3.6	11.2	5.0	4.1	9.6
13.547	72.7	4	7:42 PM	83.0	8778	31.46	25.99	21.6	15.5	10.73	6.02	3.67	2.2	21	85.4	0.97	47.0	6,484	10.1	3.6	11.2	5.0	4.1	9.6
13.641	72.8	1	7:43 PM	82.8	6463	13.52	11.06	9.14	6.94	5.57	3.73	2.66	2.01	9.1	85.2	0.96	29.9	9,516	16.0	4.4	15.0	5.7	4.5	15.1
13.641	72.8	2	7:43 PM	82.8	6496	13.1	10.79	8.94	6.76	5.48	3.67	2.65	2.06	9	85.2	0.96	29.0	9,735	16.4	4.4	15.3	5.8	4.5	15.5
13.641	72.8	3	7:43 PM	82.8	8592	17.69	14.49	11.92	9.08	7.32	4.94	3.51	2.7	12	85.2	0.96	29.5	9,630	16.2	4.4	15.1	5.8	4.5	15.3
13.641	72.8	4	7:43 PM	82.8	8888	18.24	14.97	12.35	9.4	7.59	5.08	3.7	2.85	13	85.2	0.96	29.4	9,613	16.2	4.4	15.2	5.8	4.5	15.3
13.741	72.5	1	7:44 PM	82.1	6397	17.14	14.5	12.35	9.51	7.56	4.65	3.03	2.2	12	84.8	0.97	36.8	7,001	11.0	4.4	13.8	5.3	4.2	12.2
13.741	72.5	2	7:44 PM	82.1	6496	17.35	14.38	12.26	9.46	7.52	4.64	3.02	2.22	12	84.8	0.97	36.7	7,152	11.3	4.3	13.8	5.3	4.2	12.2
13.741	72.5	3	7:44 PM	82.1	8570	23.07	19.41	16.55	12.8	10.16	6.25	4.05	2.94	17	84.8	0.97	37.0	6,979	11.0	4.4	13.8	5.3	4.2	12.2
13.741	72.5	4	7:44 PM	82.1	9009	24.41	20.48	17.47	13.5	10.73	6.59	4.3	3.12	18	84.8	0.97	37.2	6,947	10.9	4.4	13.8	5.3	4.2	12.1
13.829	72.8	1	7:45 PM	82.5	6452	15.76	12.23	9.99	7.45	5.86	3.94	2.86	2.22	9.8	85.0	0.97	34.0	8,894	14.7	4.1	13.6	5.6	4.4	13.3
13.829	72.8	2	7:45 PM	82.5	6463	14.92	11.83	9.66	7.25	5.75	3.87	2.81	2.18	9.7	85.0	0.97	32.4	9,137	15.2	4.2	14.1	5.6	4.4	13.9
13.829	72.8	3	7:45 PM	82.5	8504	20.52	15.91	13	9.75	7.74	5.21	3.82	2.98	13	85.0	0.97	33.6	8,899	14.7	4.1	13.7	5.6	4.4	13.4
13.829	72.8	4	7:45 PM	82.5	8866	21.07	16.57	13.55	10.18	8.08	5.44	3.96	3.09	14	85.0	0.97	33.2	8,913	14.8	4.1	13.9	5.6	4.4	13.6
13.924	72.5	1	7:46 PM	81.4	6408	18.89	15	12.15	8.74	6.62	3.89	2.44	1.69	14	84.3	0.97	39.9	7,723	12.4	3.8	12.3	5.3	4.2	11.3
13.924	72.5	2	7:46 PM	81.4	6452	18.53	14.64	11.88	8.53	6.41	3.75	2.43	1.87	13	84.3	0.97	39.0	8,006	13.0	3.8	12.4	5.4	4.3	11.5
13.924	72.5	3	7:46 PM	81.4	8493	24.86	19.67	15.93	11.51	8.69	5.11	3.34	2.5	18	84.3	0.97	39.7	7,792	12.5	3.8	12.3	5.3	4.2	11.3
13.924	72.5	4	7:46 PM	81.4	8844	25.91	20.5	16.6	12.01	9.09	5.35	3.49	2.64	19	84.3	0.97	39.7	7,764	12.5	3.8	12.3	5.3	4.2	11.3
14.020	72.7	1	7:47 PM	83.0	6562	16.08	13.49	11.44	8.82	7.14	4.54	3.09	2.27	11	85.3	0.97	34.1	7,601	12.2	4.5	14.5	5.4	4.3	13.2
14.020	72.7	2	7:47 PM	83.0	6595	15.91	13.22	11.21	8.68	7.03	4.48	3.08	2.29	11	85.3	0.97	33.6	7,760	12.5	4.5	14.6	5.4	4.3	13.4
14.020	72.7	3	7:47 PM	83.0	8658	21.41	17.85	15.12	11.7	9.46	6.09	4.06	3	15	85.3	0.97	34.3	7,571	12.1	4.4	14.4	5.4	4.3	13.1
14.020	72.7	4	7:47 PM	83.0	8965	22.2	18.57	15.72	12.15	9.85	6.33	4.24	3.13	16	85.3	0.97	34.4	7,528	12.0	4.5	14.4	5.4	4.3	13.1

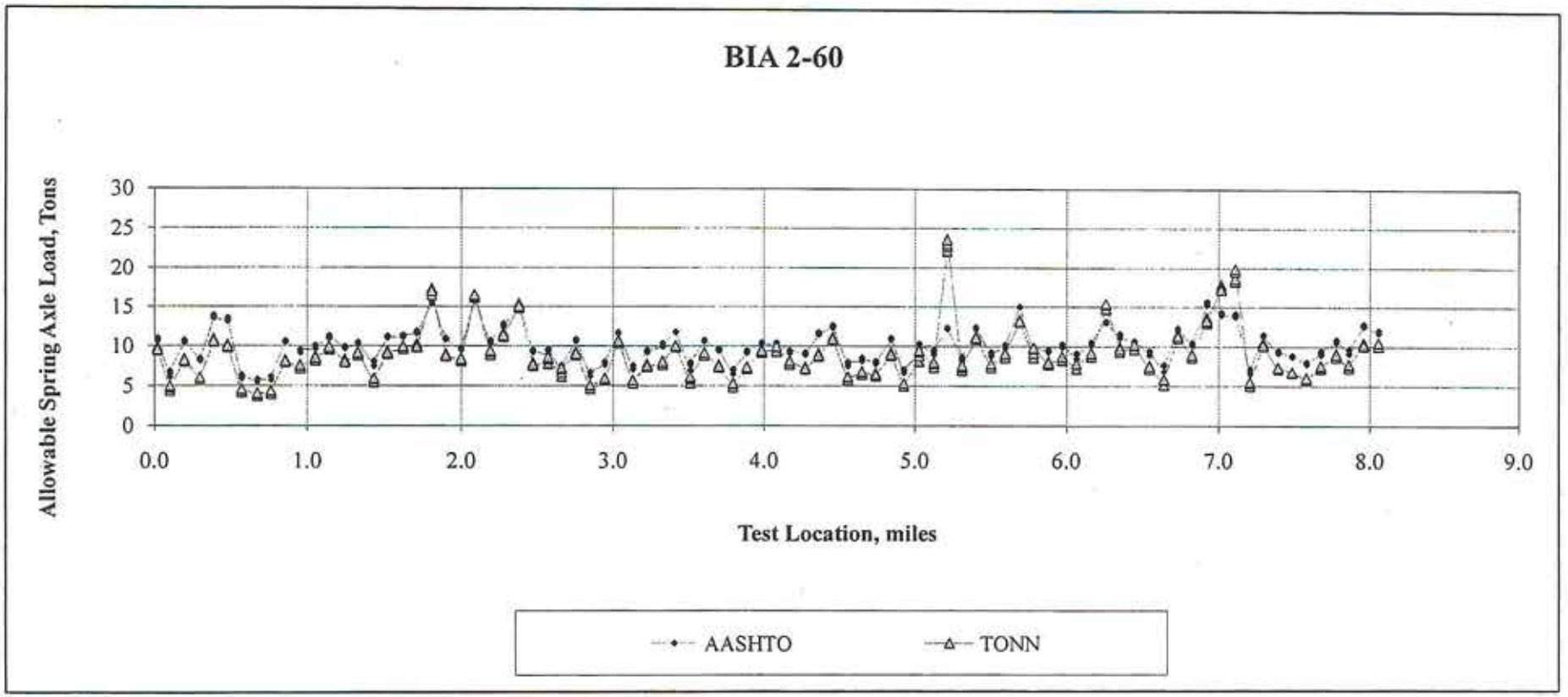
14.114	72.5	1	7:48 PM	81.4	6573	18.71	14.5	11.69	8.28	6.29	3.67	2.46	1.88	12	84.3	0.97	38.7	8,252	13.4	3.8	12.3	5.4	4.3	11.6
14.114	72.5	2	7:48 PM	81.4	6562	17.32	13.85	11.22	8	6.07	3.57	2.4	1.87	11	84.3	0.97	36.3	8,624	14.2	3.9	12.9	5.5	4.3	12.4
14.114	72.5	3	7:48 PM	81.4	8713	23.58	18.89	15.33	10.99	8.35	4.92	3.32	2.57	16	84.3	0.97	37.1	8,344	13.6	3.9	12.8	5.4	4.3	12.1
14.114	72.5	4	7:48 PM	81.4	9053	24.61	19.63	15.93	11.42	8.69	5.12	3.47	2.67	16	84.3	0.97	37.2	8,325	13.6	3.9	12.8	5.4	4.3	12.1
14.225	72.8	1	7:49 PM	81.6	6496	12.82	9.99	8.15	6.02	4.61	2.7	2.04	1.68	8.4	84.4	0.96	28.5	11,306	19.7	4.1	14.6	5.9	4.6	15.8
14.225	72.8	2	7:49 PM	81.6	6661	12.51	10.03	8.2	6.07	4.66	2.8	2.09	1.69	8.2	84.4	0.96	27.4	11,550	20.3	4.2	15.0	6.0	4.6	16.4
14.225	72.8	3	7:49 PM	81.6	8833	17.02	13.74	11.21	8.23	6.29	3.74	2.79	2.26	11	84.4	0.96	28.0	11,331	19.8	4.2	14.8	6.0	4.6	16.1
14.225	72.8	4	7:49 PM	81.6	9097	17.8	14.21	11.59	8.51	6.48	3.86	2.88	2.33	11	84.4	0.97	28.3	11,293	19.7	4.1	14.7	5.9	4.6	15.9
14.314	72.7	1	7:50 PM	79.5	6156	18.81	13.02	9.6	6.41	4.75	2.98	2.16	1.88	9.8	83.1	0.98	41.4	9,322	15.6	3.2	10.9	5.5	4.3	10.9
14.314	72.7	2	7:50 PM	79.5	6233	18.48	12.82	9.52	6.27	4.75	2.92	2.24	1.66	9.9	83.1	0.98	40.3	9,502	16.0	3.2	11.1	5.5	4.3	11.2
14.314	72.7	3	7:50 PM	79.5	8296	25.46	17.6	12.98	8.69	6.42	3.98	2.92	2.41	14	83.1	0.98	41.5	9,289	15.5	3.2	10.9	5.5	4.3	10.8
14.314	72.7	4	7:50 PM	79.5	8745	26.83	18.72	13.82	9.23	6.83	4.22	3.11	2.55	14	83.1	0.98	41.5	9,238	15.4	3.2	11.0	5.5	4.3	10.8
14.395	72.4	1	7:52 PM	78.0	6584	12.08	9.39	7.41	5.33	4.13	2.6	1.86	1.45	7.6	82.1	0.98	27.4	12,643	22.7	4.0	14.4	6.1	4.7	16.4
14.395	72.4	2	7:52 PM	78.0	6672	11.87	9.13	7.28	5.29	4.11	2.59	1.86	1.44	7.5	82.1	0.98	26.8	12,913	23.3	4.0	14.6	6.1	4.7	16.8
14.395	72.4	3	7:52 PM	78.0	8669	16	12.21	9.74	7.04	5.45	3.42	2.4	1.88	10	82.1	0.98	27.6	12,603	22.6	4.0	14.3	6.1	4.7	16.3
14.395	72.4	4	7:52 PM	78.0	8976	16.41	12.63	10.1	7.3	5.65	3.52	2.52	2.04	10	82.1	0.98	27.4	12,621	22.6	4.0	14.4	6.1	4.7	16.4
14.493	72.4	1	7:53 PM	79.7	6298	18.26	11.83	8.7	5.94	4.61	3.02	2.16	1.71	9	83.2	0.98	39.5	9,826	16.6	3.2	11.2	5.5	4.3	11.4
14.493	72.4	2	7:53 PM	79.7	6496	18.08	11.74	8.56	5.98	4.7	3.15	2.3	1.72	9.1	83.2	0.98	38.2	10,051	17.1	3.3	11.5	5.6	4.4	11.8
14.493	72.4	3	7:53 PM	79.7	8471	23.73	15.54	11.4	7.87	6.17	4.01	2.87	2.27	12	83.2	0.98	38.4	9,985	17.0	3.3	11.4	5.6	4.3	11.7
14.493	72.4	4	7:53 PM	79.7	8833	24.7	16.25	12	8.31	6.48	4.19	2.99	2.37	12	83.2	0.98	38.3	9,947	16.9	3.3	11.5	5.6	4.3	11.7
14.587	72.9	1	7:55 PM	78.2	6650	11.06	8.77	7.24	5.44	4.41	2.85	2.06	1.6	7.4	82.2	0.98	25.5	12,319	21.9	4.3	15.7	6.1	4.7	17.7
14.587	72.9	2	7:55 PM	78.2	6814	10.81	8.71	7.24	5.47	4.43	2.91	2.13	1.63	7.5	82.2	0.98	24.6	12,608	22.6	4.4	16.1	6.2	4.7	18.3
14.587	72.9	3	7:55 PM	78.2	8888	14.25	11.57	9.58	7.23	5.86	3.85	2.81	2.16	9.9	82.2	0.98	24.8	12,437	22.2	4.4	16.1	6.1	4.7	18.2
14.587	72.9	4	7:55 PM	78.2	9053	14.59	11.69	9.69	7.36	5.94	3.88	2.8	2.2	10	82.2	0.98	24.9	12,483	22.3	4.4	16.0	6.1	4.7	18.1
14.683	72.8	1	7:56 PM	79.3	6639	11.2	8.5	6.56	4.64	3.65	2.42	1.83	1.48	6.4	82.9	0.98	25.5	14,245	26.3	3.9	14.6	6.2	4.8	17.6
14.683	72.8	2	7:56 PM	79.3	6606	11.15	8.32	6.46	4.6	3.62	2.4	1.82	1.46	6.4	82.9	0.98	25.5	14,277	26.3	3.9	14.6	6.2	4.8	17.6
14.683	72.8	3	7:56 PM	79.3	8724	14.86	11.13	8.63	6.13	4.84	3.22	2.44	1.96	8.6	82.9	0.98	25.7	14,114	26.0	3.9	14.6	6.2	4.7	17.5
14.683	72.8	4	7:56 PM	79.3	9031	15.37	11.53	8.94	6.37	4.99	3.33	2.52	2.02	8.9	82.9	0.98	25.7	14,159	26.1	3.9	14.6	6.2	4.8	17.5
14.773	72.4	1	7:57 PM	78.8	6288	24.24	16.66	11.83	7.51	5.35	3.11	2.29	1.78	12	82.6	0.98	50.8	8,007	13.0	2.8	9.5	5.2	4.1	8.9
14.773	72.4	2	7:57 PM	78.8	6375	23.42	16.21	11.7	7.54	5.4	3.17	2.3	1.78	12	82.6	0.98	48.7	8,191	13.3	2.9	9.8	5.2	4.1	9.2
14.773	72.4	3	7:57 PM	78.8	8405	31.12	21.7	15.74	10.18	7.34	4.26	2.92	2.2	17	82.6	0.98	49.1	8,019	13.0	2.9	9.8	5.2	4.1	9.2
14.773	72.4	4	7:57 PM	78.8	8877	32.76	23.02	16.72	10.83	7.76	4.48	3.22	2.46	17	82.6	0.98	48.9	8,024	13.0	2.9	9.9	5.2	4.1	9.2
14.879	72.4	1	7:58 PM	77.3	6386	32.2	21.73	14.67	9.05	6.54	3.87	2.78	2.2	15	81.6	0.99	65.1	6,419	9.9	2.4	8.1	4.8	3.9	6.9
14.879	72.4	2	7:58 PM	77.3	6408	30.33	20.67	14.14	8.84	6.46	3.87	2.75	2.2	15	81.6	0.99	61.5	6,657	10.4	2.6	8.5	4.9	3.9	7.3
14.879	72.4	3	7:58 PM	77.3	8427	40.7	28.09	19.35	12.2	8.85	5.26	3.71	2.89	20	81.6	0.99	62.7	6,447	10.0	2.6	8.4	4.8	3.9	7.2
14.879	72.4	4	7:58 PM	77.3	8877	42.82	29.78	20.59	13.05	9.44	5.59	3.89	3.11	21	81.6	0.99	62.6	6,404	9.9	2.6	8.4	4.8	3.9	7.2
14.965	72.3	1	7:59 PM	76.4	6134	29.41	19.16	13.83	9.13	6.81	4.38	3.22	2.48	14	81.0	0.99	62.5	6,260	9.6	2.6	8.5	4.8	3.9	7.2
14.965	72.3	2	7:59 PM	76.4	6189	28.01	18.65	13.6	9.11	6.83	4.4	3.25	2.53	14	81.0	0.99	59.4	6,430	10.0	2.8	8.9	4.9	3.9	7.6
14.965	72.3	3	7:59 PM	76.4	8274	37.5	25.43	18.57	12.48	9.31	5.97	4.41	3.43	19	81.0	0.99	59.4	6,350	9.8	2.8	8.9	4.8	3.9	7.6
14.965	72.3	4	7:59 PM	76.4	8713	39.25	26.87	19.67	13.26	9.9	6.34	4.65	3.63	21	81.0	0.99	59.1	6,327	9.8	2.8	9.0	4.8	3.9	7.6
15.069	72	1	8:00 PM	75.2	6496	12.13	10.06	8.55	6.74	5.54	3.78	2.76	2.15	8.5	80.2	1.00	28.3	9,680	16.3	4.5	15.8	5.8	4.5	15.9
15.069	72	2	8:00 PM	75.2	6628	12	9.96	8.52	6.74	5.58	3.84	2.8	2.23	8.5	80.2	1.00	27.6	9,791	16.6	4.6	16.1	5.8	4.5	16.3
15.069	72	3	8:00 PM	75.2	8658	15.97	13.26	11.32	8.96	7.38	5.05	3.64	2.93	11	80.2	1.00	28.0	9,676	16.3	4.6	15.9	5.8	4.5	16.1
15.069	72	4	8:00 PM	75.2	8976	16.56	13.77	11.75	9.32	7.67	5.24	3.78	3.02	12	80.2	1.00	28.0	9,650	16.3	4.6	15.9	5.8	4.5	16.1

15.153	72	1	8:01 PM	76.8	6419	30.09	22.44	15.86	9.98	7.26	4.47	3.05	2.36	16	81.2	0.99	61.2	6,248	9.6	2.7	8.7	4.8	3.9	7.4
15.153	72	2	8:01 PM	76.8	6397	28.74	32.5	15.34	9.87	7.3	4.54	3.14	2.4	16	81.2	0.99	58.9	6,317	9.8	2.9	9.0	4.8	3.9	7.6
15.153	72	3	8:01 PM	76.8	8054	37.86	28.3	20.5	13.54	9.91	6.14	4.25	3.24	21	81.2	0.99	61.3	5,925	9.0	2.9	8.9	4.7	3.9	7.3
15.153	72	4	8:01 PM	76.8	8570	40.36	30.61	22.31	14.7	10.79	6.71	4.67	3.56	23	81.2	0.99	61.5	5,836	8.9	2.9	8.9	4.7	3.9	7.3
15.251	72.1	1	8:02 PM	76.3	6255	28.01	18.35	13.34	8.8	6.27	3.37	2.38	1.85	13	80.9	0.99	58.8	6,837	10.7	2.7	8.8	4.9	4.0	7.7
15.251	72.1	2	8:02 PM	76.3	6309	27.28	18	13.1	8.57	6.28	3.43	2.39	1.89	13	80.9	0.99	57.0	6,966	11.0	2.7	9.0	5.0	4.0	7.9
15.251	72.1	3	8:02 PM	76.3	8405	37.18	24.61	18.02	11.82	8.75	4.74	3.34	2.5	18	80.9	0.99	58.1	6,721	10.5	2.7	8.9	4.9	4.0	7.7
15.251	72.1	4	8:02 PM	76.3	8800	39.03	25.94	19	12.49	9.24	5.06	3.56	2.72	19	80.9	0.99	58.3	6,679	10.4	2.8	8.9	4.9	4.0	7.7
15.345	72.2	1	8:03 PM	74.2	6123	28.95	20.09	15.13	9.8	7.09	4.12	2.89	2.2	15	79.5	1.00	62.3	6,138	9.4	2.7	8.6	4.8	3.9	7.2
15.345	72.2	2	8:03 PM	74.2	6211	28.05	19.61	14.83	9.7	7.07	4.15	2.91	2.23	15	79.5	1.00	59.8	6,314	9.7	2.8	8.9	4.8	3.9	7.5
15.345	72.2	3	8:03 PM	74.2	8131	37.46	26.5	20.18	13.32	9.74	5.76	4.07	3.15	20	79.5	1.00	60.8	6,071	9.3	2.8	8.9	4.8	3.9	7.4
15.345	72.2	4	8:03 PM	74.2	8691	40.06	28.43	21.7	14.35	10.5	6.17	4.34	3.36	21	79.5	1.00	60.9	6,037	9.2	2.8	8.9	4.8	3.9	7.4
15.440	71.3	1	8:05 PM	75.1	6090	30.42	21.55	15.35	9.87	7.19	4.3	3.11	2.46	16	80.1	1.00	65.2	5,936	9.1	2.6	8.3	4.7	3.9	6.9
15.440	71.3	2	8:05 PM	75.1	6189	28.96	20.52	14.82	9.68	7.13	4.31	3.11	2.45	15	80.1	1.00	61.5	6,182	9.5	2.7	8.7	4.8	3.9	7.3
15.440	71.3	3	8:05 PM	75.1	8098	38.8	27.62	20.02	13.03	9.55	5.72	4.07	3.19	21	80.1	1.00	62.8	6,039	9.2	2.7	8.6	4.8	3.9	7.2
15.440	71.3	4	8:05 PM	75.1	8680	41.56	29.95	21.8	14.24	10.5	6.39	4.51	3.51	23	80.1	1.00	62.8	5,947	9.1	2.8	8.6	4.7	3.9	7.2
15.535	71.1	1	8:06 PM	75.2	6200	17.96	13.75	10.77	7.6	5.82	3.6	2.49	1.9	11	80.2	1.00	40.4	8,330	13.6	3.6	11.8	5.4	4.2	11.1
15.535	71.1	2	8:06 PM	75.2	6189	17.57	13.48	10.61	7.54	5.82	3.63	2.52	1.93	11	80.2	1.00	39.7	8,365	13.7	3.6	11.9	5.4	4.3	11.3
15.535	71.1	3	8:06 PM	75.2	8175	23.93	18.26	14.45	10.21	7.92	4.93	3.44	2.6	15	80.2	1.00	40.8	8,118	13.2	3.6	11.8	5.3	4.2	11.0
15.535	71.1	4	8:06 PM	75.2	8756	25.75	19.67	15.56	11.1	8.61	5.35	3.67	2.8	16	80.2	1.00	40.9	8,020	13.0	3.6	11.8	5.3	4.2	11.0
15.630	70.3	1	8:07 PM	74.8	6342	15.21	12.14	9.87	7.44	5.87	3.93	2.87	2.22	10	79.9	1.00	34.6	8,785	14.5	4.0	13.4	5.5	4.4	13.0
15.630	70.3	2	8:07 PM	74.8	6474	15.03	11.95	9.8	7.43	5.95	4.06	2.93	2.24	10	79.9	1.00	33.7	8,881	14.7	4.1	13.7	5.6	4.4	13.4
15.630	70.3	3	8:07 PM	74.8	8515	20.37	16.12	13.16	9.94	7.88	5.24	3.85	2.98	13	79.9	1.00	34.5	8,790	14.5	4.0	13.5	5.5	4.4	13.0
15.630	70.3	4	8:07 PM	74.8	8921	21.34	16.89	13.81	10.43	8.25	5.49	4.02	3.11	14	79.9	1.00	34.5	8,795	14.5	4.0	13.5	5.5	4.4	13.0
15.730	70.6	1	8:08 PM	74.8	6200	19.95	16	13.01	9.64	7.63	4.81	3.39	2.59	13	79.9	1.00	44.3	6,597	10.3	3.8	11.8	5.1	4.1	10.2
15.730	70.6	2	8:08 PM	74.8	6211	19.35	15.47	12.63	9.38	7.47	4.76	3.36	2.56	13	79.9	1.00	43.1	6,761	10.6	3.9	12.0	5.1	4.1	10.4
15.730	70.6	3	8:08 PM	74.8	8318	26.85	21.56	17.62	13.14	10.39	6.59	4.64	3.54	18	79.9	1.00	44.4	6,512	10.1	3.8	11.8	5.1	4.1	10.1
15.730	70.6	4	8:08 PM	74.8	8745	28.19	22.77	18.6	13.91	11.01	6.98	4.92	3.74	19	79.9	1.00	44.4	6,471	10.0	3.9	11.9	5.1	4.1	10.1
15.823	70	1	8:09 PM	74.1	6079	17.85	14.09	11.43	8.29	6.48	4.11	2.94	2.22	11	79.4	1.00	41.1	7,542	12.1	3.8	12.1	5.3	4.2	11.0
15.823	70	2	8:09 PM	74.1	6189	17.68	13.93	11.28	8.3	6.46	4.12	2.94	2.25	12	79.4	1.00	40.1	7,713	12.4	3.8	12.2	5.3	4.2	11.2
15.823	70	3	8:09 PM	74.1	8142	24.33	18.96	15.17	11.26	8.73	5.64	3.91	3.01	16	79.4	1.00	41.7	7,480	11.9	3.7	11.9	5.2	4.2	10.8
15.823	70	4	8:09 PM	74.1	8778	26.3	20.58	16.41	12.22	9.47	6.07	4.25	3.24	17	79.4	1.00	41.8	7,440	11.9	3.7	11.9	5.2	4.2	10.8
15.912	69.7	1	8:10 PM	73.5	6189	26.01	21.31	17.59	12.96	9.94	5.81	3.73	2.74	18	79.0	1.00	56.2	5,054	7.5	3.6	10.2	4.6	3.9	8.0
15.912	69.7	2	8:10 PM	73.5	6156	25.42	20.5	17	12.57	9.7	5.75	3.73	2.8	17	79.0	1.00	55.3	5,151	7.7	3.6	10.3	4.7	3.9	8.1
15.912	69.7	3	8:10 PM	73.5	8054	33.54	27.36	22.71	16.89	13	7.67	4.94	3.65	23	79.0	1.00	55.7	5,041	7.5	3.6	10.3	4.6	3.9	8.1
15.912	69.7	4	8:10 PM	73.5	8669	36.15	29.52	24.56	18.26	14.1	8.3	5.3	3.81	25	79.0	1.00	55.8	5,007	7.4	3.6	10.3	4.6	3.9	8.1
16.013	69.3	1	8:11 PM	73.4	6156	21.25	17.31	14.47	10.89	8.51	5.22	3.48	2.54	14	79.0	1.01	47.3	5,913	9.0	3.9	11.5	4.9	4.0	9.5
16.013	69.3	2	8:11 PM	73.4	6277	20.87	17.01	14.23	10.78	8.44	5.22	3.52	2.57	14	79.0	1.01	45.8	6,086	9.3	3.9	11.8	5.0	4.1	9.8
16.013	69.3	3	8:11 PM	73.4	8153	27.74	22.66	18.97	14.39	11.24	6.91	4.66	3.41	19	79.0	1.01	46.7	5,938	9.1	3.9	11.6	4.9	4.0	9.6
16.013	69.3	4	8:11 PM	73.4	8713	29.81	24.32	20.36	15.46	12.07	7.43	5.02	3.67	20	79.0	1.01	46.9	5,909	9.0	3.9	11.6	4.9	4.0	9.6
16.105	70	1	8:12 PM	74.8	6342	20.6	16.93	14.38	11.15	9.07	5.97	4.13	2.95	14	79.9	1.00	44.6	5,786	8.8	4.1	12.3	4.9	4.1	10.1
16.105	70	2	8:12 PM	74.8	6430	19.87	16.76	14.22	11.1	9.06	6.01	4.14	2.97	14	79.9	1.00	42.8	5,860	8.9	4.3	12.8	5.0	4.1	10.5
16.105	70	3	8:12 PM	74.8	8383	26.44	22.33	19.01	14.86	12.08	7.99	5.55	4	19	79.9	1.00	43.5	5,729	8.7	4.2	12.6	4.9	4.1	10.3
16.105	70	4	8:12 PM	74.8	8866	28.25	23.82	20.29	15.86	12.92	8.56	5.99	4.31	20	79.9	1.00	43.9	5,665	8.6	4.2	12.6	4.9	4.1	10.2

16.204	69.7	1	8:13 PM	74.7	6189	24.38	18.01	13.92	9.46	7.22	4.34	3	2.34	14	79.8	1.00	52.9	6,524	10.1	3.2	9.9	4.9	4.0	8.5
16.204	69.7	2	8:13 PM	74.7	6222	23.09	17.4	13.56	9.35	7.18	4.35	3.01	2.34	14	79.8	1.00	50.2	6,696	10.5	3.3	10.3	5.0	4.0	9.0
16.204	69.7	3	8:13 PM	74.7	8285	31.89	23.73	18.58	12.86	9.83	5.96	4.1	3.15	19	79.8	1.00	51.8	6,495	10.1	3.3	10.1	5.0	4.0	8.7
16.204	69.7	4	8:13 PM	74.7	8778	33.76	25.26	19.75	13.68	10.46	6.38	4.41	3.35	20	79.8	1.00	51.7	6,478	10.0	3.3	10.2	5.0	4.0	8.7
16.294	69.5	1	8:14 PM	73.3	6255	21.64	16.95	13.63	9.89	7.73	4.95	3.47	2.6	14	78.9	1.01	47.4	6,483	10.1	3.6	11.1	5.0	4.1	9.5
16.294	69.5	2	8:14 PM	73.3	6288	21.2	16.61	13.4	9.82	7.74	5	3.51	2.64	14	78.9	1.01	46.4	6,539	10.2	3.7	11.3	5.0	4.1	9.7
16.294	69.5	3	8:14 PM	73.3	8219	28.33	22.2	17.93	13.17	10.29	6.65	4.67	3.48	18	78.9	1.01	47.3	6,422	9.9	3.6	11.2	5.0	4.1	9.5
16.294	69.5	4	8:14 PM	73.3	8800	30.44	23.79	19.23	14.07	11.05	7.15	5.04	3.76	20	78.9	1.01	47.4	6,403	9.9	3.6	11.1	5.0	4.1	9.5
16.394	69.1	1	8:15 PM	74.4	6024	37.31	25.43	18.06	11.6	8.56	5.28	3.84	3.02	19	79.6	1.00	79.6	4,873	7.2	2.4	7.3	4.4	3.7	5.7
16.394	69.1	2	8:15 PM	74.4	6101	36.41	25.29	18.2	11.82	8.79	5.42	3.93	3.09	19	79.6	1.00	76.9	4,906	7.2	2.5	7.6	4.4	3.7	5.9
16.394	69.1	3	8:15 PM	74.4	8087	49.14	34.39	24.91	16.23	11.96	7.31	5.3	4.13	26	79.6	1.00	78.2	4,794	7.0	2.5	7.5	4.4	3.7	5.8
16.394	69.1	4	8:15 PM	74.4	8592	52.54	36.84	26.72	17.38	12.81	7.87	5.69	4.37	28	79.6	1.00	78.7	4,759	7.0	2.5	7.5	4.4	3.7	5.7
16.483	69.3	1	8:16 PM	74.7	6035	30.49	23.48	18.2	13	9.87	5.97	3.96	3	18	79.8	1.00	66.0	4,760	7.0	3.1	8.9	4.5	3.8	6.8
16.483	69.3	2	8:16 PM	74.7	6145	29.75	22.95	17.98	13.04	10.05	6.15	4.09	3.07	18	79.8	1.00	63.5	4,835	7.1	3.2	9.2	4.5	3.8	7.1
16.483	69.3	3	8:16 PM	74.7	8054	39.57	30.66	23.94	17.53	13.43	8.38	5.7	3.78	25	79.8	1.00	64.4	4,748	7.0	3.2	9.1	4.5	3.8	7.0
16.483	69.3	4	8:16 PM	74.7	8691	42.87	33.36	26.09	19.11	14.55	8.93	5.85	4.46	27	79.8	1.00	64.6	4,728	6.9	3.2	9.1	4.5	3.8	7.0
16.574	70.4	1	8:17 PM	74.4	6112	25.34	19.44	15.25	10.61	7.95	4.62	3.04	2.29	15	79.6	1.00	55.4	5,956	9.1	3.2	9.8	4.8	3.9	8.1
16.574	70.4	2	8:17 PM	74.4	6189	24.48	18.99	15	10.52	7.88	4.63	3.06	2.35	15	79.6	1.00	53.1	6,130	9.4	3.3	10.1	4.9	4.0	8.5
16.574	70.4	3	8:17 PM	74.4	8197	33.37	25.83	20.42	14.34	10.77	6.3	4.19	3.13	21	79.6	1.00	54.5	5,945	9.1	3.3	10.0	4.8	4.0	8.3
16.574	70.4	4	8:17 PM	74.4	8734	35.89	27.64	21.86	15.38	11.54	6.74	4.48	3.38	22	79.6	1.00	54.9	5,906	9.0	3.3	9.9	4.8	3.9	8.2
16.675	70.2	1	8:19 PM	74.2	6200	22.42	17.71	14.16	10.19	7.87	4.73	3.15	2.31	14	79.4	1.00	49.1	6,287	9.7	3.6	10.8	5.0	4.0	9.2
16.675	70.2	2	8:19 PM	74.2	6331	22.07	17.47	14.04	10.18	7.89	4.81	3.2	2.35	14	79.4	1.00	47.6	6,431	10.0	3.6	11.1	5.0	4.1	9.5
16.675	70.2	3	8:19 PM	74.2	8230	29.37	23.44	18.9	13.7	10.62	6.43	4.26	3.16	19	79.4	1.00	48.6	6,225	9.6	3.6	11.0	5.0	4.0	9.3
16.675	70.2	4	8:19 PM	74.2	8789	31.83	25.22	20.36	14.81	11.5	6.94	4.58	3.43	21	79.4	1.00	49.2	6,139	9.4	3.6	10.9	4.9	4.0	9.1
16.775	70.1	1	8:20 PM	74.4	6255	22.67	18.57	14.76	10.59	8.08	4.89	3.29	2.4	15	79.5	1.00	49.2	6,199	9.5	3.6	10.9	4.9	4.0	9.1
16.775	70.1	2	8:20 PM	74.4	6079	22.41	17.99	14.36	10.4	7.97	4.81	3.27	2.43	15	79.5	1.00	49.9	6,105	9.4	3.6	10.8	4.9	4.0	9.0
16.775	70.1	3	8:20 PM	74.4	8032	30.14	24.15	19.21	14.05	10.69	6.39	4.37	3.43	20	79.5	1.00	50.7	6,011	9.2	3.5	10.7	4.9	4.0	8.9
16.775	70.1	4	8:20 PM	74.4	8691	32.95	26.11	20.78	15.23	11.6	6.94	4.72	3.58	22	79.5	1.00	51.2	5,983	9.1	3.5	10.6	4.9	4.0	8.8
16.873	73.3	1	8:21 PM	73.9	6101	30.76	24.51	19.2	13.78	10.65	6.61	4.67	3.56	19	79.2	1.00	66.0	4,557	6.6	3.2	9.0	4.4	3.8	6.8
16.873	73.3	2	8:21 PM	73.9	6255	30.92	24	18.97	13.76	10.69	6.68	4.67	3.52	19	79.2	1.00	64.9	4,653	6.8	3.3	9.1	4.5	3.8	6.9
16.873	73.3	3	8:21 PM	73.9	8120	39.94	31.73	25.14	18.26	14.19	8.85	6.2	4.77	26	79.2	1.00	64.6	4,579	6.7	3.3	9.2	4.5	3.8	7.0
16.873	73.3	4	8:21 PM	73.9	8625	42.43	33.72	26.76	19.44	15.11	9.4	6.58	5	27	79.2	1.00	64.6	4,570	6.7	3.3	9.2	4.5	3.8	7.0
16.958	75.5	1	8:22 PM	74.9	6134	19.58	15.02	11.64	8.16	6.24	3.92	2.78	2.16	12	79.8	1.00	44.0	7,651	12.3	3.5	11.2	5.2	4.2	10.2
16.958	75.5	2	8:22 PM	74.9	6222	19.06	14.55	11.34	8.02	6.19	3.91	2.78	2.15	11	79.8	1.00	42.5	7,865	12.7	3.5	11.5	5.3	4.2	10.6
16.958	75.5	3	8:22 PM	74.9	8230	25.81	19.66	15.34	10.89	8.35	5.23	3.71	2.89	16	79.8	1.00	43.3	7,704	12.4	3.5	11.3	5.2	4.2	10.4
16.958	75.5	4	8:22 PM	74.9	8833	27.7	21.24	16.59	11.8	9.05	5.68	4.02	3.1	17	79.8	1.00	43.3	7,650	12.3	3.5	11.4	5.2	4.2	10.4
17.045	80.9	1	6:24 PM	96.1	6123	44.54	25.73	16.46	9.93	7.2	4.36	3.04	2.33	0.4	94.0	0.92	84.7	5,033	7.5	2.0	6.8	4.4	3.7	5.3
17.045	80.9	2	6:24 PM	96.1	6035	40.53	24.22	16.03	9.94	7.23	4.38	3.08	2.37	0.4	94.0	0.92	78.7	5,175	7.7	2.3	7.2	4.5	3.7	5.7
17.045	80.9	3	6:24 PM	96.1	7879	53.06	32.61	21.77	13.5	9.69	5.81	4.03	3.11	0.4	94.0	0.92	79.0	5,095	7.6	2.3	7.3	4.4	3.7	5.7
17.045	80.9	4	6:24 PM	96.1	8438	56.6	35.01	23.51	14.57	10.52	6.3	4.37	3.32	0.5	94.0	0.92	78.8	5,067	7.5	2.3	7.3	4.4	3.7	5.7
17.143	79.5	1	6:27 PM	94.3	6134	27.25	18.35	12.9	8.34	6.31	4.02	2.8	2.15	13	92.9	0.92	-54.1	6,756	10.6	3.0	9.6	5.0	4.0	8.3
17.143	79.5	2	6:27 PM	94.3	6178	27.66	18.7	13.13	8.52	6.42	4.11	2.86	2.2	13	92.9	0.92	54.5	6,694	10.4	3.0	9.5	4.9	4.0	8.3
17.143	79.5	3	6:27 PM	94.3	8021	36.22	24.87	17.67	11.54	8.72	5.57	3.89	2.98	18	92.9	0.92	55.1	6,494	10.1	3.0	9.5	4.9	4.0	8.2
17.143	79.5	4	6:27 PM	94.3	8647	39.11	26.91	19.18	12.56	9.5	6.07	4.25	3.26	19	92.9	0.92	55.2	6,449	10.0	3.0	9.5	4.9	4.0	8.2

17.240	80.4	1	6:29 PM	96.6	6342	20.96	15.06	11.13	7.31	5.38	3.26	2.25	1.69	11	94.4	0.90	40.7	8,532	14.0	3.5	11.5	5.4	4.3	11.0
17.240	80.4	2	6:29 PM	96.6	6266	20.34	14.71	10.96	7.25	5.37	3.26	2.27	1.7	11	94.4	0.90	40.2	8,534	14.0	3.5	11.7	5.4	4.3	11.2
17.240	80.4	3	6:29 PM	96.6	8120	27.14	19.83	14.87	9.88	7.28	4.41	3.05	2.31	15	94.4	0.90	41.3	8,205	13.4	3.5	11.6	5.3	4.2	10.9
17.240	80.4	4	6:29 PM	96.6	8724	29.16	21.29	16	10.68	7.85	4.76	3.29	2.5	16	94.4	0.90	41.3	8,186	13.3	3.5	11.6	5.3	4.2	10.9
17.335	80.1	1	6:30 PM	94.5	6266	26.99	18.54	13.15	8.11	5.81	3.34	2.21	1.57	13	93.0	0.91	52.0	7,270	11.5	3.0	9.7	5.1	4.0	8.6
17.335	80.1	2	6:30 PM	94.5	6211	26	17.98	12.84	8.02	5.71	3.32	2.22	1.6	13	93.0	0.91	50.7	7,395	11.8	3.0	9.8	5.1	4.1	8.9
17.335	80.1	3	6:30 PM	94.5	8153	33.87	23.53	16.78	10.4	7.46	4.24	2.81	2.06	17	93.0	0.91	50.3	7,440	11.9	3.0	9.9	5.1	4.1	8.9
17.335	80.1	4	6:30 PM	94.5	8713	36.16	25.16	17.95	11.13	7.93	4.53	3	2.18	18	93.0	0.91	50.3	7,466	11.9	3.0	9.9	5.1	4.1	9.0
17.423	79.9	1	6:31 PM	94.4	6386	24.75	18.3	14.26	9.71	7.34	4.36	2.83	2.17	14	92.9	0.92	48.0	6,625	10.3	3.5	10.9	5.0	4.1	9.4
17.423	79.9	2	6:31 PM	94.4	6255	23.76	17.7	13.89	9.58	7.19	4.34	2.97	2.26	14	92.9	0.92	47.2	6,666	10.4	3.6	11.0	5.0	4.1	9.5
17.423	79.9	3	6:31 PM	94.4	8175	31.7	23.88	18.74	12.98	9.67	5.8	4	3.03	19	92.9	0.92	48.1	6,494	10.1	3.5	10.9	5.0	4.1	9.3
17.423	79.9	4	6:31 PM	94.4	8724	33.69	25.46	20	13.92	10.32	6.19	4.26	3.24	20	92.9	0.92	48.0	6,502	10.1	3.6	10.9	5.0	4.1	9.4
17.527	79.5	1	6:32 PM	93.3	6222	31.16	22.69	16.5	10.96	8.05	4.65	3.17	2.36	16	92.2	0.93	60.9	5,607	8.5	3.0	9.1	4.7	3.9	7.4
17.527	79.5	2	6:32 PM	93.3	6178	30.15	22.02	16.23	10.89	8.01	4.7	3.19	2.37	16	92.2	0.93	59.6	5,654	8.5	3.1	9.3	4.7	3.9	7.6
17.527	79.5	3	6:32 PM	93.3	8065	40.08	29.46	21.74	14.56	10.79	6.41	4.28	3.15	22	92.2	0.93	60.7	5,506	8.3	3.1	9.2	4.7	3.9	7.4
17.527	79.5	4	6:32 PM	93.3	8647	43	31.68	23.45	15.72	11.66	6.85	4.67	3.59	24	92.2	0.93	60.7	5,477	8.2	3.1	9.2	4.7	3.9	7.4
17.620	79.9	1	6:33 PM	96.6	6167	27	19.41	14.58	9.69	7.14	4.24	2.96	2.33	15	94.4	0.92	53.0	6,321	9.8	3.2	10.0	4.9	4.0	8.5
17.620	79.9	2	6:33 PM	96.6	6134	25.78	18.77	14.23	9.61	7.12	4.27	3.01	2.35	14	94.4	0.92	51.2	6,404	9.9	3.4	10.3	4.9	4.0	8.8
17.620	79.9	3	6:33 PM	96.6	8032	34.42	25.19	19.14	12.93	9.55	5.69	3.97	3.06	19	94.4	0.92	52.1	6,262	9.6	3.3	10.2	4.9	4.0	8.6
17.620	79.9	4	6:33 PM	96.6	8625	37	27.21	20.76	14.01	10.35	6.15	4.32	3.3	21	94.4	0.92	52.2	6,222	9.6	3.4	10.2	4.9	4.0	8.6
17.705	79.9	1	6:34 PM	96.4	6068	36.95	23.73	16.56	10.62	7.66	4.53	3.19	2.48	17	94.3	0.92	71.9	5,255	7.8	2.6	7.9	4.5	3.8	6.3
17.705	79.9	2	6:34 PM	96.4	6090	35.07	23.07	16.23	10.5	7.64	4.53	3.2	2.48	17	94.3	0.92	68.3	5,401	8.1	2.7	8.2	4.6	3.8	6.6
17.705	79.9	3	6:34 PM	96.4	7999	46.3	30.97	21.79	14.19	10.23	6.07	4.31	3.33	23	94.3	0.92	68.7	5,330	8.0	2.7	8.2	4.6	3.8	6.5
17.705	79.9	4	6:34 PM	96.4	8570	49.59	33.43	23.57	15.34	11.09	6.57	4.66	3.6	24	94.3	0.92	68.7	5,294	7.9	2.7	8.2	4.6	3.8	6.5
17.805	79.2	1	6:35 PM	95.5	6134	29.58	19.48	13.04	7.71	5.31	2.98	1.94	1.43	14	93.7	0.90	57.0	7,182	11.4	2.7	8.9	5.0	4.0	7.9
17.805	79.2	2	6:35 PM	95.5	6068	28.38	18.9	12.75	7.57	5.25	2.98	1.94	1.41	13	93.7	0.90	55.5	7,286	11.6	2.7	9.0	5.0	4.0	8.1
17.805	79.2	3	6:35 PM	95.5	7977	37.58	25.02	16.87	10.02	6.85	3.85	2.51	1.81	18	93.7	0.90	55.8	7,292	11.6	2.7	9.0	5.0	4.0	8.1
17.805	79.2	4	6:35 PM	95.5	8603	40.56	27.02	18.2	10.98	7.37	4.12	2.68	1.95	19	93.7	0.90	55.8	7,298	11.6	2.7	9.0	5.0	4.0	8.1


BIA 2-60
Eff. SN
Eff. R-value
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
Test Location, miles
Eff. S.N.
Eff. R-value


BIA 2-60
Allowable Spring Axle Load, Tons
30
25
20
15
10
5
0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
Test Location, miles
AASHTO
TONN

County:	Pine Ridge Reservation
Date Tested:	6/18/2008
Julian:	170
Highway	BIA 2-80
From:	BRIDGE A129
To:	BIA 19
Dir	EB
Prev Day Temp	75 °F
Bit. Thickness	6.2 inches
Daily ESALs	6.6
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	61,537
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.25

	X1	X2	X3	X4	X5	X6	X7	X8
	1500	200	300	450	600	900	1200	1500
	59.1	7.87	11.8	17.7	23.6	35	47.24	59.1
	59.1	7.87	11.8	17.7	23.6	35	47.24	59.1
	31.46	22.59	16.74	11.30	8.37	5.01	3.41	2.57
	1.00	0.72	0.53	0.36	0.27	0.16	0.11	0.08

Cells highlighted in green can be modified by the user.
Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.
Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.
Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

1.3

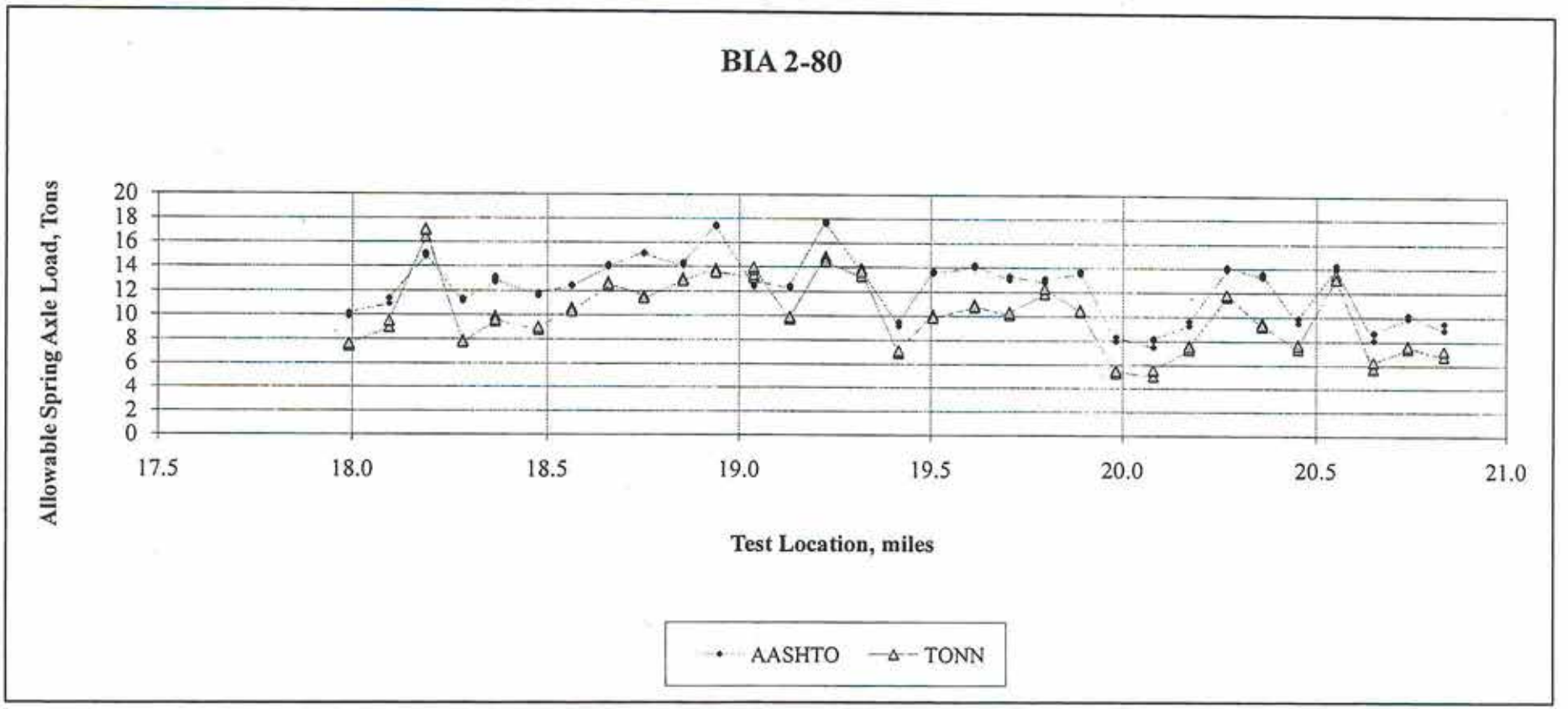
	Summary of Analysis Results							
					Axle Load for Design Defl. Tons			
	$_sBB_{60}$ mils	Esg psi	Eff. R-val	Effective SN	AASHTO	S.F	Inv. 183	TONN Tons
Avg. =	53.0	6,836	10.9	3.3	12.4	6.3	4.7	10.2
Median =	49.37	6,093	9.3	3.4	12.9	6.3	4.7	10.0
Std.Dev. =	16.17	2,128	4.2	0.7	2.5	0.4	0.3	2.9
85th % =	37.13	5,113	7.6	2.5	9.5	5.9	4.5	7.2

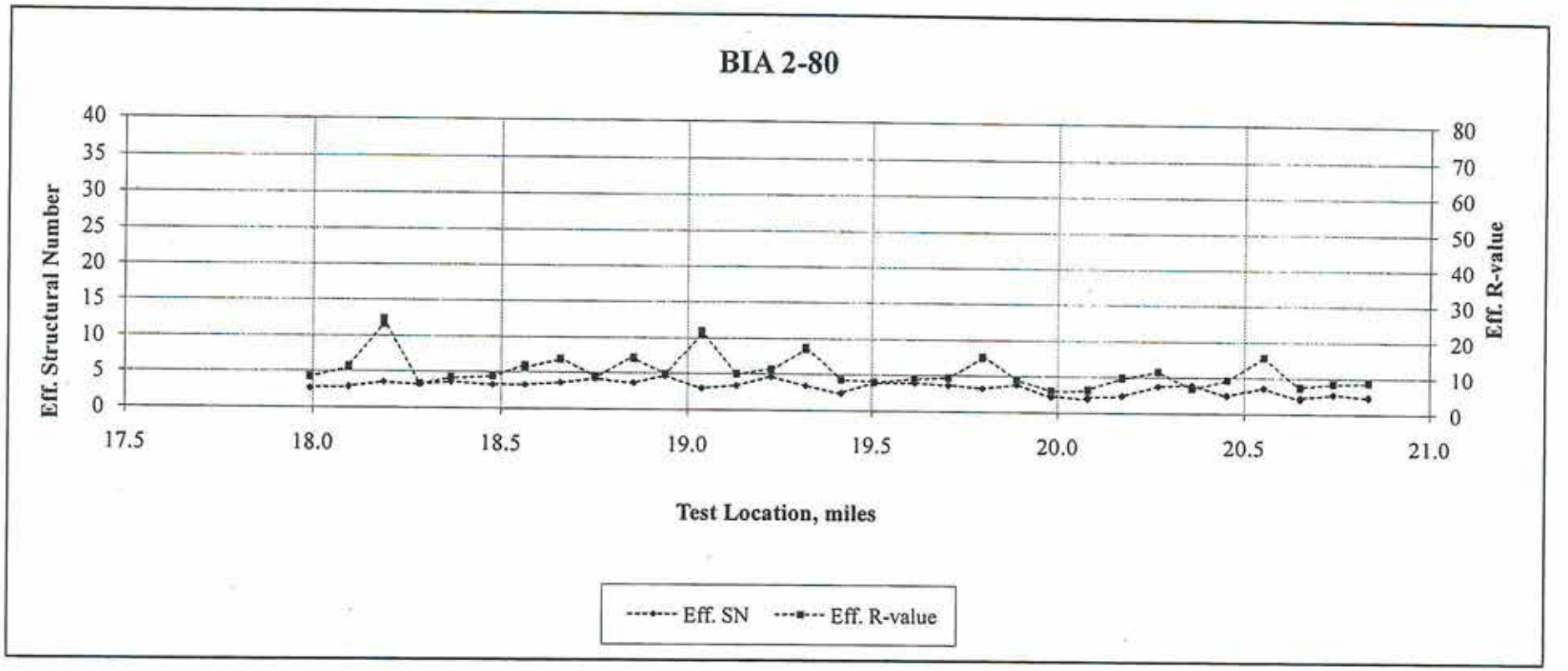
Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Design Method Soil Fact.	Design Method Inv 183	Inv. 603 TONN Method
17.991	79.4	1	6:37 PM	92.5	6090	34.02	22.4	15.76	10.09	7.19	4.13	2.87	2.2	16	91.8	0.93	67.0	5,665	8.6	2.6	9.9	6.0	4.5	7.4
17.991	79.4	2	6:37 PM	92.5	6057	32.65	21.83	15.6	10.02	7.23	4.15	2.91	2.2	15	91.8	0.93	64.9	5,716	8.7	2.7	10.1	6.0	4.5	7.6
17.991	79.4	3	6:37 PM	92.5	7955	43.04	29.34	20.86	13.39	9.63	5.53	3.82	2.89	21	91.8	0.93	65.1	5,661	8.6	2.7	10.1	6.0	4.5	7.6
17.991	79.4	4	6:37 PM	92.5	8570	46.35	32	22.7	14.61	10.52	6.01	4.15	3.11	22	91.8	0.93	65.1	5,615	8.5	2.8	10.2	6.0	4.5	7.6
18.095	79.1	1	6:37 PM	97.0	6079	28.55	19.14	13.43	8.07	5.65	3.14	2.13	1.58	13	94.7	0.90	55.3	6,992	11.0	2.8	10.9	6.3	4.7	9.0
18.095	79.1	2	6:37 PM	97.0	6167	27.3	18.44	13.03	7.95	5.61	3.15	2.11	1.58	13	94.7	0.89	52.4	7,264	11.5	2.9	11.3	6.3	4.8	9.5
18.095	79.1	3	6:37 PM	97.0	8087	35.61	24.27	17.22	10.52	7.42	4.14	2.8	2.1	17	94.7	0.89	52.1	7,245	11.5	3.0	11.4	6.3	4.8	9.5
18.095	79.1	4	6:37 PM	97.0	8658	38.06	26.04	18.52	11.39	8.02	4.51	3.06	2.3	18	94.7	0.90	52.1	7,211	11.4	3.0	11.4	6.3	4.8	9.5
18.187	82	1	6:38 PM	94.8	6375	15.35	11.53	8.68	5.82	3.35	1.62	0.85	0.36	8	93.3	0.87	30.1	12,905	23.2	3.5	14.8	7.2	5.4	16.4
18.187	82	2	6:38 PM	94.8	6331	14.65	11.06	8.39	5.66	3.29	1.61	0.84	0.45	7.7	93.3	0.87	29.2	13,207	23.9	3.6	15.1	7.2	5.5	17.0
18.187	82	3	6:38 PM	94.8	8394	19.32	14.27	10.85	7.27	4.15	2	1.09	0.81	9.9	93.3	0.87	28.9	13,624	24.8	3.6	15.0	7.3	5.5	17.1
18.187	82	4	6:38 PM	94.8	8866	20.54	15.12	11.47	7.68	4.38	2.11	1.17	0.87	11	93.3	0.87	29.1	13,592	24.8	3.5	15.0	7.2	5.5	17.0
18.283	81.2	1	6:39 PM	92.9	6233	32.66	24.67	19.3	13.56	10.24	6.09	4.07	2.96	20	92.0	0.94	64.2	4,715	6.9	3.3	11.1	5.9	4.5	7.7
18.283	81.2	2	6:39 PM	92.9	6156	31.35	23.91	18.85	13.38	10.2	6.09	4.09	2.98	19	92.0	0.94	62.6	4,725	6.9	3.4	11.4	5.9	4.5	7.9
18.283	81.2	3	6:39 PM	92.9	7988	41.58	31.88	25.16	17.99	13.6	8.11	5.41	3.94	25	92.0	0.94	63.9	4,605	6.7	3.3	11.3	5.9	4.4	7.7
18.283	81.2	4	6:39 PM	92.9	8658	45.05	34.59	27.35	19.53	14.8	8.8	5.87	4.27	28	92.0	0.94	63.9	4,592	6.7	3.3	11.3	5.9	4.4	7.8
18.366	80	1	6:41 PM	94.8	6057	25.63	19.8	15.71	11.07	8.53	5.06	3.53	2.83	16	93.3	0.93	52.2	5,593	8.4	3.6	12.7	6.2	4.7	9.5
18.366	80	2	6:41 PM	94.8	6189	24.88	19.44	15.5	11.27	8.57	5.19	3.55	2.81	16	93.3	0.93	49.9	5,738	8.7	3.7	13.2	6.2	4.7	9.9
18.366	80	3	6:41 PM	94.8	8065	33.5	26.23	20.96	15.17	11.59	6.91	4.68	3.54	21	93.3	0.93	51.4	5,535	8.3	3.7	13.0	6.2	4.7	9.6
18.366	80	4	6:41 PM	94.8	8756	36.65	28.56	22.84	16.54	12.61	7.44	5.1	3.96	23	93.3	0.93	51.7	5,516	8.3	3.7	12.9	6.2	4.7	9.6
18.477	82.1	1	6:42 PM	93.7	6178	28.36	19.28	14.35	10.09	7.95	5.23	3.63	2.63	14	92.6	0.93	56.4	5,806	8.8	3.2	11.6	6.1	4.6	8.8
18.477	82.1	2	6:42 PM	93.7	6156	27.38	18.77	14.04	9.92	7.81	5.16	3.61	2.63	14	92.6	0.93	54.8	5,925	9.0	3.3	11.8	6.2	4.6	9.0
18.477	82.1	3	6:42 PM	93.7	8043	36	24.98	18.75	13.27	10.45	6.92	4.89	3.6	19	92.6	0.93	55.2	5,820	8.8	3.3	11.8	6.2	4.6	9.0
18.477	82.1	4	6:42 PM	93.7	8702	38.88	27.09	20.38	14.36	11.39	7.51	5.35	3.94	21	92.6	0.93	55.1	5,794	8.8	3.3	11.9	6.2	4.6	9.0

18.563	82.9	1	6:43 PM	92.7	6320	24.03	16.7	12.31	8.13	6.07	3.65	2.52	1.86	12	91.9	0.92	47.0	7,490	12.0	3.3	12.4	6.5	4.8	10.5
18.563	82.9	2	6:43 PM	92.7	6277	23.6	16.49	12.17	8.17	6.04	3.67	2.52	1.87	12	91.9	0.92	46.6	7,513	12.0	3.3	12.5	6.5	4.9	10.6
18.563	82.9	3	6:43 PM	92.7	8131	31.39	22.15	16.37	11.03	8.19	4.98	3.43	2.57	16	91.9	0.92	47.8	7,230	11.5	3.3	12.4	6.4	4.8	10.4
18.563	82.9	4	6:43 PM	92.7	8691	33.66	23.76	17.62	11.85	8.87	5.36	3.67	2.77	18	91.9	0.92	48.0	7,161	11.3	3.3	12.4	6.4	4.8	10.3
18.658	82.1	1	6:44 PM	92.9	6342	20.08	14.27	11.07	7.6	5.76	3.33	2.04	1.41	11	92.1	0.91	39.9	8,293	13.5	3.6	13.9	6.7	5.0	12.4
18.658	82.1	2	6:44 PM	92.9	6309	19.34	13.76	10.72	7.43	5.62	3.29	2.02	1.39	11	92.1	0.91	38.8	8,492	13.9	3.7	14.2	6.7	5.0	12.8
18.658	82.1	3	6:44 PM	92.9	8318	25.74	18.52	14.28	9.77	7.35	4.24	2.62	1.79	14	92.1	0.91	39.1	8,509	14.0	3.6	14.1	6.7	5.0	12.7
18.658	82.1	4	6:44 PM	92.9	8800	27.41	19.64	15.15	10.36	7.79	4.48	2.77	1.89	15	92.1	0.91	39.3	8,481	13.9	3.6	14.0	6.7	5.0	12.6
18.751	82.8	1	6:45 PM	93.7	6452	21.49	17.85	15.05	11.36	8.83	5.37	3.5	2.77	15	92.6	0.93	42.5	5,991	9.2	4.2	15.2	6.4	4.8	11.7
18.751	82.8	2	6:45 PM	93.7	6288	21.04	17.39	14.68	11.11	8.65	5.32	3.52	2.7	15	92.6	0.93	42.7	5,960	9.1	4.2	15.1	6.4	4.8	11.6
18.751	82.8	3	6:45 PM	93.7	8186	27.94	23.23	19.63	14.88	11.59	7.09	4.61	3.62	20	92.6	0.93	43.5	5,796	8.8	4.2	15.1	6.4	4.8	11.4
18.751	82.8	4	6:45 PM	93.7	8724	29.78	24.76	20.94	15.91	12.37	7.56	4.92	3.85	21	92.6	0.93	43.5	5,788	8.8	4.2	15.1	6.4	4.8	11.4
18.854	81.3	1	6:46 PM	91.3	6288	18.77	13.28	10.04	7.04	5.38	3.55	2.54	1.93	9.8	91.0	0.92	38.4	8,799	14.5	3.6	14.1	6.7	5.1	12.9
18.854	81.3	2	6:46 PM	91.3	6298	18.46	13.26	10.13	7.14	5.53	3.66	2.63	1.95	9.8	91.0	0.93	37.8	8,700	14.3	3.7	14.4	6.8	5.1	13.1
18.854	81.3	3	6:46 PM	91.3	8098	24.04	17.46	13.36	9.44	7.31	4.84	3.48	2.59	13	91.0	0.93	38.3	8,502	13.9	3.7	14.4	6.7	5.0	12.9
18.854	81.3	4	6:46 PM	91.3	8636	25.76	18.61	14.27	10.08	7.82	5.2	3.75	2.81	14	91.0	0.93	38.5	8,471	13.9	3.7	14.3	6.7	5.0	12.9
18.939	80.8	1	6:47 PM	93.8	6529	17.76	15.52	13.23	10.29	8.35	5.45	3.87	2.91	13	92.6	0.93	35.8	6,439	10.0	4.7	17.5	6.6	5.0	13.8
18.939	80.8	2	6:47 PM	93.8	6386	17.5	15.21	12.98	10.08	8.26	5.4	3.89	2.91	13	92.6	0.93	36.0	6,364	9.8	4.7	17.4	6.6	5.0	13.8
18.939	80.8	3	6:47 PM	93.8	8394	23.4	20.32	17.44	13.56	11.01	7.2	5.05	3.75	17	92.6	0.93	36.5	6,278	9.7	4.7	17.3	6.6	4.9	13.5
18.939	80.8	4	6:47 PM	93.8	8800	24.47	21.26	18.25	14.18	11.55	7.51	5.25	3.89	18	92.6	0.93	36.5	6,272	9.7	4.7	17.3	6.6	4.9	13.6
19.038	81.6	1	6:48 PM	92.3	6364	19.59	11.5	7.5	4.71	3.19	1.57	1.01	0.75	8.4	91.7	0.88	37.6	11,848	20.9	2.9	12.4	6.9	5.2	13.2
19.038	81.6	2	6:48 PM	92.3	6244	18.87	11.15	7.33	4.61	3.15	1.54	1	0.74	8.1	91.7	0.88	37.0	11,911	21.0	3.0	12.6	6.9	5.2	13.4
19.038	81.6	3	6:48 PM	92.3	8164	23.79	14.22	9.43	6.01	4.06	2	1.3	0.94	10	91.7	0.88	35.9	12,210	21.7	3.0	12.8	7.0	5.3	13.8
19.038	81.6	4	6:48 PM	92.3	8745	25.1	14.99	9.95	6.33	4.3	2.11	1.35	1	11	91.7	0.88	35.4	12,372	22.1	3.1	12.9	7.0	5.3	14.0
19.132	82.2	1	6:49 PM	92.9	6233	25.87	19.35	15	10.07	7.31	4.03	2.69	2.1	15	92.1	0.92	51.0	6,388	9.9	3.4	12.3	6.3	4.7	9.7
19.132	82.2	2	6:49 PM	92.9	6178	24.88	18.66	14.53	9.88	7.16	3.99	2.73	2.12	15	92.1	0.92	49.7	6,505	10.1	3.4	12.5	6.3	4.7	10.0
19.132	82.2	3	6:49 PM	92.9	8142	33.13	25.09	19.58	13.19	9.61	5.43	3.59	2.77	20	92.1	0.92	50.2	6,404	9.9	3.4	12.5	6.3	4.7	9.9
19.132	82.2	4	6:49 PM	92.9	8669	35.18	26.78	20.85	14.07	10.28	5.8	3.87	2.98	21	92.1	0.92	50.1	6,390	9.9	3.4	12.5	6.3	4.7	9.9
19.226	82.5	1	6:50 PM	92.9	6507	16.29	14	12.01	9.43	7.43	4.51	2.97	2.22	12	92.1	0.93	33.2	7,231	11.5	4.7	17.9	6.8	5.1	14.9
19.226	82.5	2	6:50 PM	92.9	6485	16.49	14.02	12.03	9.3	7.49	4.55	3.02	2.21	12	92.1	0.93	33.6	7,151	11.3	4.7	17.7	6.7	5.1	14.7
19.226	82.5	3	6:50 PM	92.9	8383	21.77	18.5	15.92	12.33	9.91	6	3.93	2.87	16	92.1	0.93	34.3	6,986	11.0	4.7	17.6	6.7	5.0	14.4
19.226	82.5	4	6:50 PM	92.9	8855	23.02	19.58	16.82	13.18	10.47	6.35	4.16	3.03	17	92.1	0.93	34.3	6,985	11.0	4.7	17.6	6.7	5.0	14.4
19.319	83.4	1	6:51 PM	92.6	6244	18.61	13.7	9.93	6.36	4.39	2.27	1.39	1	10	91.9	0.90	37.3	9,960	16.9	3.4	13.7	6.8	5.1	13.3
19.319	83.4	2	6:51 PM	92.6	6288	17.81	13.17	9.66	6.21	4.3	2.22	1.41	1.01	9.8	91.9	0.90	35.6	10,335	17.7	3.5	14.0	6.9	5.2	13.9
19.319	83.4	3	6:51 PM	92.6	8263	23.93	17.38	12.63	8.15	5.6	2.83	1.79	1.28	13	91.9	0.90	36.3	10,299	17.6	3.4	13.8	6.9	5.2	13.7
19.319	83.4	4	6:51 PM	92.6	8844	25.67	18.62	13.5	8.69	5.98	3.02	1.91	1.36	14	91.9	0.90	36.3	10,304	17.6	3.4	13.8	6.9	5.2	13.6
19.416	83.3	1	6:52 PM	92.1	6222	37.42	22.75	15.25	9.47	6.79	4.28	3.02	2.77	16	91.5	0.93	71.8	5,725	8.7	2.3	9.2	5.9	4.5	6.9
19.416	83.3	2	6:52 PM	92.1	6079	35.24	21.8	14.88	9.28	6.76	4.3	3.08	2.73	16	91.5	0.93	69.5	5,763	8.7	2.5	9.4	6.0	4.5	7.1
19.416	83.3	3	6:52 PM	92.1	7912	45.86	29.57	19.74	12.51	9.13	5.78	4.06	3.3	20	91.5	0.93	69.6	5,646	8.5	2.5	9.5	5.9	4.5	7.1
19.416	83.3	4	6:52 PM	92.1	8559	49.48	32.1	21.41	13.58	9.86	6.26	4.47	3.72	22	91.5	0.93	69.5	5,659	8.6	2.5	9.5	5.9	4.5	7.1
19.506	83.7	1	6:53 PM	92.1	6408	24.77	20.15	16.56	12.21	9.52	5.81	4	3	17	91.5	0.94	48.8	5,470	8.2	3.9	13.7	6.2	4.7	10.1
19.506	83.7	2	6:53 PM	92.1	6353	24.66	19.95	16.31	12.22	9.46	5.83	3.99	2.96	17	91.5	0.94	49.0	5,456	8.2	3.9	13.7	6.2	4.7	10.1
19.506	83.7	3	6:53 PM	92.1	8087	32.3	26.2	21.54	16.15	12.48	7.67	5.12	3.94	22	91.5	0.94	50.4	5,270	7.9	3.9	13.5	6.2	4.7	9.8
19.506	83.7	4	6:53 PM	92.1	8669	34.43	27.97	23.09	17.25	13.36	8.19	5.58	4.17	24	91.5	0.94	50.1	5,280	7.9	3.9	13.6	6.2	4.7	9.9

19.615	82.4	1	6:54 PM	92.8	6255	22.83	18.39	14.95	10.96	8.43	5.12	3.37	2.51	15	92.0	0.93	46.1	5,986	9.1	3.9	14.0	6.3	4.8	10.7
19.615	82.4	2	6:54 PM	92.8	6288	22.35	18.07	14.8	10.82	8.4	5.15	3.4	2.61	15	92.0	0.93	45.1	6,059	9.3	4.0	14.2	6.4	4.8	11.0
19.615	82.4	3	6:54 PM	92.8	8153	29.55	23.99	19.71	14.54	11.17	6.82	4.55	3.28	20	92.0	0.94	45.9	5,914	9.0	4.0	14.1	6.3	4.8	10.8
19.615	82.4	4	6:54 PM	92.8	8669	31.35	25.54	20.96	15.44	11.91	7.26	4.87	3.41	21	92.0	0.94	45.8	5,903	9.0	4.0	14.2	6.3	4.8	10.8
19.706	81.7	1	6:55 PM	94.0	6200	24.39	18.28	14.45	10.24	7.9	4.97	3.5	2.72	14	92.8	0.93	49.0	6,136	9.4	3.6	13.0	6.3	4.7	10.1
19.706	81.7	2	6:55 PM	94.0	6189	23.63	17.91	14.22	10.16	7.85	5	3.54	2.75	14	92.8	0.93	47.7	6,207	9.5	3.7	13.3	6.3	4.8	10.4
19.706	81.7	3	6:55 PM	94.0	8164	31.49	24.06	19.17	13.7	10.55	6.65	4.68	3.63	19	92.8	0.93	48.2	6,106	9.4	3.7	13.3	6.3	4.7	10.3
19.706	81.7	4	6:55 PM	94.0	8691	33.34	25.58	20.38	14.57	11.22	7.07	4.97	3.86	20	92.8	0.93	47.9	6,118	9.4	3.7	13.3	6.3	4.7	10.3
19.798	81.9	1	6:56 PM	93.5	6178	20.97	13.85	10.09	6.62	4.76	2.69	1.75	1.24	11	92.4	0.90	41.8	8,947	14.8	3.3	12.8	6.7	5.0	11.8
19.798	81.9	2	6:56 PM	93.5	6233	20.2	13.43	9.83	6.48	4.67	2.67	1.74	1.25	10	92.4	0.90	40.2	9,270	15.5	3.3	13.1	6.7	5.1	12.3
19.798	81.9	3	6:56 PM	93.5	8164	26.63	17.92	13.02	8.51	6.11	3.46	2.23	1.54	14	92.4	0.90	40.4	9,252	15.4	3.3	13.1	6.7	5.0	12.3
19.798	81.9	4	6:56 PM	93.5	8800	28.63	19.4	14.09	9.19	6.57	3.69	2.35	1.69	15	92.4	0.90	40.2	9,275	15.5	3.3	13.1	6.7	5.0	12.3
19.889	80.9	1	6:57 PM	92.9	6298	23.81	18.7	14.82	10.78	8.38	5.5	3.92	2.96	15	92.1	0.94	47.7	6,002	9.2	3.8	13.5	6.3	4.7	10.4
19.889	80.9	2	6:57 PM	92.9	6167	22.85	17.91	14.31	10.53	8.26	5.48	3.91	2.98	14	92.1	0.94	46.9	5,997	9.2	3.9	13.8	6.3	4.8	10.6
19.889	80.9	3	6:57 PM	92.9	8109	30.23	24.11	19.26	14.11	11.04	7.23	5.15	3.93	19	92.1	0.94	47.1	5,913	9.0	3.9	13.8	6.3	4.7	10.5
19.889	80.9	4	6:57 PM	92.9	8647	32.32	25.78	20.65	15.09	11.78	7.69	5.47	4.15	20	92.1	0.94	47.2	5,906	9.0	3.9	13.7	6.3	4.7	10.5
19.982	79.9	1	6:58 PM	91.3	6002	47.2	31.26	21.43	12.92	9.3	5.54	3.74	2.84	23	91.0	0.94	93.6	4,186	6.0	2.1	8.0	5.5	4.2	5.3
19.982	79.9	2	6:58 PM	91.3	6035	45.08	30.63	21.39	13.06	9.44	5.56	3.81	2.82	22	91.0	0.94	89.2	4,259	6.1	2.3	8.3	5.5	4.2	5.5
19.982	79.9	3	6:58 PM	91.3	7890	59.55	41.08	29.02	17.89	12.84	7.56	5.18	3.9	30	91.0	0.95	90.2	4,145	6.0	2.3	8.3	5.5	4.2	5.5
19.982	79.9	4	6:58 PM	91.3	8471	64.09	44.33	31.43	19.44	13.98	8.34	5.56	4.21	33	91.0	0.95	90.5	4,108	5.9	2.3	8.3	5.5	4.2	5.5
20.079	80.1	1	6:59 PM	99.4	5903	51.22	32.32	19.68	11.55	8.07	4.57	3.43	3.15	20	96.2	0.91	98.8	4,276	6.2	1.9	7.5	5.5	4.2	5.0
20.079	80.1	2	6:59 PM	99.4	5958	47.1	30.32	19.19	11.5	8.11	4.62	3.4	2.78	19	96.2	0.91	90.5	4,480	6.5	2.1	8.0	5.6	4.2	5.5
20.079	80.1	3	6:59 PM	99.4	7857	60.9	40.17	25.59	15.44	11.02	6.43	4.27	2.52	26	96.2	0.91	89.2	4,449	6.5	2.2	8.2	5.6	4.2	5.6
20.079	80.1	4	6:59 PM	99.4	8460	65.2	42.33	27.95	16.99	11.88	6.86	4.86	3.68	28	96.2	0.91	88.6	4,458	6.5	2.2	8.2	5.6	4.2	5.6
20.171	79.5	1	7:00 PM	92.0	6112	35	22.12	14.84	8.51	5.81	3.35	2.41	1.92	15	91.5	0.92	68.0	6,305	9.7	2.3	9.3	6.0	4.5	7.3
20.171	79.5	2	7:00 PM	92.0	6178	33.48	21.46	14.6	8.5	5.88	3.37	2.46	1.92	14	91.5	0.92	64.6	6,466	10.0	2.4	9.7	6.1	4.6	7.7
20.171	79.5	3	7:00 PM	92.0	8164	44.8	29.15	20.05	11.72	8.05	4.59	3.37	2.62	20	91.5	0.92	65.5	6,308	9.7	2.5	9.6	6.1	4.6	7.6
20.171	79.5	4	7:00 PM	92.0	8625	47.57	31.05	21.38	12.5	8.61	4.89	3.57	2.78	21	91.5	0.92	65.8	6,252	9.6	2.5	9.6	6.1	4.5	7.5
20.268	79.2	1	7:01 PM	94.7	6244	21.13	15.94	12.4	8.6	6.64	4.41	3.23	2.5	12	93.2	0.92	42.6	7,289	11.6	3.7	13.9	6.5	4.9	11.6
20.268	79.2	2	7:01 PM	94.7	6211	20.63	15.49	12.1	8.43	6.57	4.43	3.26	2.54	12	93.2	0.92	41.9	7,356	11.7	3.8	14.0	6.6	4.9	11.8
20.268	79.2	3	7:01 PM	94.7	8208	27.61	20.79	16.29	11.35	8.81	5.87	4.33	3.36	16	93.2	0.92	42.4	7,254	11.5	3.8	14.0	6.5	4.9	11.7
20.268	79.2	4	7:01 PM	94.7	8789	29.13	22.25	17.45	12.16	9.43	6.28	4.62	3.58	17	93.2	0.92	41.8	7,286	11.6	3.8	14.1	6.6	4.9	11.8
20.359	79.7	1	7:02 PM	95.7	6211	26.87	22.72	18.8	13.98	10.83	6.53	4.05	3.01	17	93.9	0.94	53.7	4,692	6.9	3.9	13.3	6.0	4.6	9.2
20.359	79.7	2	7:02 PM	95.7	6233	25.92	21.83	18.11	13.52	10.53	6.41	4.07	3.04	17	93.9	0.94	51.8	4,847	7.1	4.0	13.6	6.1	4.6	9.6
20.359	79.7	3	7:02 PM	95.7	8131	34.56	29.13	24.27	18.15	14.16	8.56	5.41	4.04	23	93.9	0.94	52.9	4,707	6.9	4.0	13.5	6.0	4.6	9.4
20.359	79.7	4	7:02 PM	95.7	8658	36.96	31.15	25.97	19.47	15.2	9.19	5.81	4.31	25	93.9	0.94	53.1	4,670	6.8	4.0	13.5	6.0	4.6	9.3
20.453	79.3	1	7:03 PM	90.5	6068	34	21.83	14.74	8.98	6.35	3.62	2.47	1.94	15	90.5	0.93	67.4	6,050	9.3	2.5	9.5	6.0	4.5	7.3
20.453	79.3	2	7:03 PM	90.5	6035	31.92	21.08	14.53	8.99	6.38	3.67	2.47	1.94	15	90.5	0.93	64.0	6,175	9.5	2.6	10.0	6.1	4.6	7.7
20.453	79.3	3	7:03 PM	90.5	8043	43.02	28.39	19.67	12.17	8.56	4.85	3.3	2.63	20	90.5	0.93	64.6	6,121	9.4	2.6	9.9	6.1	4.6	7.7
20.453	79.3	4	7:03 PM	90.5	8636	46.25	30.66	21.27	13.18	9.29	5.26	3.59	2.85	22	90.5	0.93	64.7	6,081	9.3	2.6	9.9	6.0	4.5	7.7
20.551	78.9	1	7:04 PM	93.3	6298	18.72	13.83	10.44	6.92	4.98	2.81	1.79	1.34	10	92.3	0.90	37.4	9,276	15.5	3.6	14.1	6.8	5.1	13.2
20.551	78.9	2	7:04 PM	93.3	6309	18.22	13.49	10.23	6.8	4.92	2.79	1.78	1.33	10	92.3	0.90	36.5	9,457	15.9	3.6	14.3	6.8	5.1	13.6
20.551	78.9	3	7:04 PM	93.3	8241	24.66	18.02	13.53	8.91	6.4	3.58	2.26	1.69	13	92.3	0.90	37.6	9,358	15.7	3.6	14.0	6.8	5.1	13.2
20.551	78.9	4	7:04 PM	93.3	8877	26.63	19.6	14.69	9.65	6.93	3.85	2.42	1.92	15	92.3	0.90	37.7	9,319	15.6	3.6	14.0	6.8	5.1	13.1

20.649	78.5	1	7:04 PM	93.1	6112	45.15	29.24	19.16	11.18	7.54	4.43	3.21	2.54	19	92.2	0.93	86.8	4,872	7.2	2.0	8.1	5.7	4.3	5.7
20.649	78.5	2	7:04 PM	93.1	6057	40.76	26.97	18.18	10.85	7.39	4.35	3.17	2.5	18	92.2	0.93	79.5	5,119	7.6	2.2	8.7	5.8	4.4	6.2
20.649	78.5	3	7:04 PM	93.1	7912	53.06	34.91	23.83	14.29	9.74	5.82	4.25	3.38	24	92.2	0.93	79.4	5,102	7.6	2.3	8.7	5.8	4.4	6.2
20.649	78.5	4	7:04 PM	93.1	8636	57.43	38.13	26.13	15.72	10.69	6.42	4.67	3.72	26	92.2	0.93	78.8	5,107	7.6	2.3	8.8	5.8	4.4	6.3
20.739	78.5	1	7:05 PM	91.7	6156	34.32	23.98	17	10.67	7.44	3.97	2.48	1.74	17	91.3	0.93	66.9	5,595	8.4	2.7	9.9	6.0	4.5	7.4
20.739	78.5	2	7:05 PM	91.7	6079	32.47	22.97	16.44	10.42	7.32	3.94	2.51	1.74	16	91.3	0.93	64.4	5,709	8.6	2.8	10.2	6.0	4.5	7.7
20.739	78.5	3	7:05 PM	91.7	8032	43.4	30.95	22.28	14.18	9.93	5.31	3.35	2.33	22	91.3	0.93	65.1	5,594	8.4	2.8	10.2	6.0	4.5	7.6
20.739	78.5	4	7:05 PM	91.7	8647	46.79	33.5	24.19	15.44	10.82	5.76	3.65	2.5	23	91.3	0.93	65.2	5,551	8.4	2.8	10.2	6.0	4.5	7.6
20.834	79.3	1	7:06 PM	96.2	5936	37.43	25.24	14.18	8.58	6.22	3.79	2.7	2.07	17	94.2	0.91	73.4	5,723	8.7	2.3	9.0	5.9	4.4	6.7
20.834	79.3	2	7:06 PM	96.2	6035	35.17	24.19	14.23	8.83	6.52	3.9	2.85	2.21	17	94.2	0.91	68.4	5,841	8.9	2.5	9.5	6.0	4.5	7.2
20.834	79.3	3	7:06 PM	96.2	7966	46.59	31.78	18.98	11.75	8.56	5.25	3.65	2.87	22	94.2	0.91	68.7	5,848	8.9	2.5	9.5	6.0	4.5	7.2
20.834	79.3	4	7:06 PM	96.2	8559	49.88	34.24	20.62	12.73	9.27	5.76	3.91	3	24	94.2	0.91	68.5	5,833	8.9	2.5	9.5	6.0	4.5	7.2


BIA 2-80
Allowable Spring Axle Load, Tons
20
18
16
14
12
10
8
6
4
2
0
17.5
18.0
18.5
19.0
19.5
20.0
20.5
21.0
Test Location, miles
AASHTO
TONN


BIA 2-80
Eff. Structural Number
Eff. R-value
40
35
30
25
20
15
10
5
0
80
70
60
50
40
30
20
10
0
17.5
18.0
18.5
19.0
19.5
20.0
20.5
21.0
Test Location, miles
Eff. SN
Eff. R-value

County:	Pine Ridge Reservation
Date Tested:	6/18/2008
Julian:	170
Highway	BIA 2-90
From:	Shannon County Line
To:	Bridge A029
Dir	EB
Prev Day Temp	75 °F
Bit. Thickness	6.8 inches
Daily ESALs	6.6
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	61,537
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.25

Formula is "=B10*365*B14" incase changed and need the formula back.
Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.
Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

X1	X2	X3	X4	X5	X6	X7	X8
1500	200	300	450	600	900	1200	1500
59.1	7.87	11.8	17.7	23.6	35	47.2	59.1
59.1	7.87	11.8	17.7	23.6	35	47.2	59.1
29.60	22.24	17.00	11.73	8.80	5.25	3.58	2.69
1.00	0.75	0.57	0.40	0.30	0.18	0.12	0.09

Cells highlighted in green can be modified by the user.
Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

1.3

Summary of Analysis Results

	$_sBB_{30}$ mils	Esg psi	Eff. R-val	Eff SN	Axle Load for Design Defl. Tons AASHTO	Axle Load for Design Defl. Tons S.F	Axle Load for Design Defl. Tons Inv. 183	TONN Tons
Avg. =	51.9	6,677	10.5	3.5	12.9	6.3	4.8	10.5
Median =	49.06	6,246	9.6	3.5	12.7	6.3	4.8	10.1
Std.Dev. =	16.07	1,899	3.7	0.8	3.2	0.4	0.3	3.5
85th % =	35.77	5,056	7.5	2.6	9.8	5.9	4.4	7.2

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
20.930	79.6	1	7:07 PM	95.6	5882	33.23	22.35	15.33	9.58	6.76	3.98	2.76	2.17	15	93.8	0.91	66.5	5,724	8.7	2.6	9.9	6.0	4.5	7.4
20.930	79.6	2	7:07 PM	95.6	6002	31.77	21.59	15.06	9.56	6.8	4.02	2.77	2.18	15	93.8	0.91	62.6	5,936	9.1	2.8	10.3	6.1	4.6	7.9
20.930	79.6	3	7:07 PM	95.6	7966	42.21	28.87	20.25	12.8	9.21	5.43	3.8	2.96	20	93.8	0.91	62.8	5,865	8.9	2.8	10.4	6.1	4.6	7.9
20.930	79.6	4	7:07 PM	95.6	8592	45.58	31.31	22	14.02	10.04	5.93	4.12	3.21	22	93.8	0.91	62.9	5,826	8.9	2.8	10.4	6.0	4.6	7.9
21.025	78.3	1	7:09 PM	91.3	6233	20.88	16.76	13.72	10.11	7.78	4.78	3.24	2.5	14	91.2	0.93	42.8	6,474	10.0	4.0	14.6	6.5	4.8	11.6
21.025	78.3	2	7:09 PM	91.3	6255	20.09	16.22	13.35	9.87	7.67	4.73	3.26	2.55	14	91.2	0.93	41.2	6,619	10.3	4.1	15.0	6.5	4.9	12.0
21.025	78.3	3	7:09 PM	91.3	8230	26.78	22.11	18.13	13.38	10.31	6.42	4.33	3.26	19	91.2	0.93	41.7	6,488	10.1	4.1	14.9	6.5	4.9	11.9
21.025	78.3	4	7:09 PM	91.3	8866	29.26	23.95	19.68	14.53	11.21	6.9	4.69	3.56	20	91.2	0.93	42.2	6,423	9.9	4.1	14.8	6.5	4.9	11.7
21.115	78.3	1	7:10 PM	91.9	6024	36.32	24.8	17	10.44	7.37	4.41	2.93	2.32	17	91.5	0.93	72.0	5,371	8.0	2.5	9.4	5.9	4.4	6.9
21.115	78.3	2	7:10 PM	91.9	6079	34.13	23.71	16.54	10.49	7.38	4.45	3.03	2.43	17	91.5	0.93	67.4	5,564	8.4	2.7	9.9	6.0	4.5	7.3
21.115	78.3	3	7:10 PM	91.9	8010	44.91	31.57	22.2	14.15	9.95	5.96	4.07	3.21	22	91.5	0.93	67.4	5,494	8.3	2.7	9.9	5.9	4.5	7.3
21.115	78.3	4	7:10 PM	91.9	8614	48.28	34.11	24.06	15.33	10.92	6.5	4.25	3.34	24	91.5	0.93	67.4	5,430	8.1	2.7	10.0	5.9	4.5	7.3
21.215	78.4	1	7:11 PM	91.9	6419	16.27	13.33	11.25	8.65	6.78	4.18	2.79	2.26	11	91.5	0.92	33.4	7,773	12.5	4.5	17.1	6.8	5.1	14.8
21.215	78.4	2	7:11 PM	91.9	6441	15.89	12.92	10.91	8.39	6.63	4.15	2.75	2.16	11	91.5	0.92	32.7	7,977	12.9	4.5	17.3	6.8	5.1	15.1
21.215	78.4	3	7:11 PM	91.9	8405	21.04	17.19	14.55	11.19	8.75	5.39	3.81	2.37	15	91.5	0.92	33.1	7,885	12.7	4.5	17.2	6.8	5.1	15.0
21.215	78.4	4	7:11 PM	91.9	8877	22.26	18.17	15.38	11.78	9.24	5.69	3.85	2.57	16	91.5	0.92	33.1	7,885	12.7	4.5	17.2	6.8	5.1	14.9
21.309	78.7	1	7:11 PM	93.9	6233	30.2	21.47	15.33	9.79	7.04	3.89	2.5	1.67	16	92.8	0.91	58.0	6,170	9.5	3.0	11.0	6.2	4.6	8.5
21.309	78.7	2	7:11 PM	93.9	6090	27.99	20.02	14.54	9.33	6.83	3.9	2.54	1.89	15	92.8	0.92	55.4	6,329	9.8	3.1	11.4	6.2	4.7	8.9
21.309	78.7	3	7:11 PM	93.9	8054	37.31	27.06	19.76	12.87	9.42	5.33	3.5	2.53	21	92.8	0.92	55.9	6,150	9.4	3.1	11.4	6.2	4.6	8.9
21.309	78.7	4	7:11 PM	93.9	8691	40.34	29.16	21.5	14.04	10.24	5.82	3.79	2.72	22	92.8	0.92	56.0	6,117	9.4	3.1	11.4	6.2	4.6	8.8
21.405	79.1	1	7:13 PM	93.4	6266	18.06	15.01	12.33	8.98	6.85	3.93	2.54	1.85	12	92.5	0.92	36.9	7,416	11.8	4.2	15.9	6.7	5.0	13.4
21.405	79.1	2	7:13 PM	93.4	6244	17.5	14.39	11.84	8.61	6.61	3.84	2.46	1.83	12	92.5	0.92	36.0	7,653	12.3	4.2	16.0	6.7	5.0	13.7
21.405	79.1	3	7:13 PM	93.4	8208	23.43	19.28	15.93	11.53	8.87	5.14	3.35	2.5	16	92.5	0.92	36.6	7,500	12.0	4.2	15.9	6.7	5.0	13.5
21.405	79.1	4	7:13 PM	93.4	8745	24.98	20.55	16.93	12.34	9.46	5.49	3.61	2.67	17	92.5	0.92	36.7	7,493	12.0	4.2	15.9	6.7	5.0	13.5

21.499	78.9	1	7:13 PM	93.7	5980	32.49	22.22	16.7	10.95	7.79	4.27	2.85	2.24	17	92.6	0.92	64.9	5,411	8.1	2.9	10.4	6.0	4.5	7.6
21.499	78.9	2	7:13 PM	93.7	6123	31.06	21.48	16.34	10.91	7.91	4.39	2.91	2.2	16	92.6	0.92	61.0	5,586	8.4	3.0	10.9	6.0	4.6	8.1
21.499	78.9	3	7:13 PM	93.7	7988	40.17	28.45	21.76	14.61	10.46	5.92	3.85	2.69	22	92.6	0.92	60.6	5,557	8.4	3.1	11.0	6.0	4.6	8.2
21.499	78.9	4	7:13 PM	93.7	8647	43.45	30.77	23.58	15.79	11.37	6.4	4.23	3.01	24	92.6	0.92	60.6	5,544	8.4	3.1	11.0	6.0	4.6	8.2
21.590	79.3	1	7:15 PM	91.9	6068	32.65	23.13	16.65	10.33	7.2	4.2	2.99	2.37	17	91.5	0.93	64.7	5,740	8.7	2.7	10.2	6.0	4.5	7.7
21.590	79.3	2	7:15 PM	91.9	6090	30.98	22.19	16.16	10.12	7.12	4.27	3.04	2.52	16	91.5	0.93	61.5	5,927	9.0	2.8	10.5	6.1	4.6	8.0
21.590	79.3	3	7:15 PM	91.9	8032	41.36	29.84	21.84	13.89	9.76	5.64	4.04	3.09	22	91.5	0.93	62.2	5,764	8.7	2.9	10.5	6.0	4.6	8.0
21.590	79.3	4	7:15 PM	91.9	8745	45.21	32.52	23.93	15.24	10.71	6.24	4.34	3.3	24	91.5	0.93	62.5	5,728	8.7	2.9	10.5	6.0	4.5	7.9
21.689	82.1	1	7:16 PM	91.5	5936	30.61	22.02	15.95	10.38	7.75	4.54	3.22	2.48	16	91.3	0.93	62.6	5,515	8.3	3.0	10.7	6.0	4.5	7.9
21.689	82.1	2	7:16 PM	91.5	6057	29.49	21.57	16.06	10.61	7.94	4.94	3.18	2.17	16	91.3	0.94	59.6	5,620	8.5	3.1	11.1	6.1	4.6	8.3
21.689	82.1	3	7:16 PM	91.5	7879	38.97	28.72	21.54	14.36	10.69	6.24	4.49	3.38	22	91.3	0.93	60.4	5,465	8.2	3.1	11.1	6.0	4.5	8.2
21.689	82.1	4	7:16 PM	91.5	8570	42.57	31.67	23.81	15.87	11.83	7.06	4.92	3.66	24	91.3	0.94	60.7	5,397	8.1	3.1	11.1	6.0	4.5	8.1
21.781	80.3	1	7:17 PM	91.7	6233	23.18	15.58	10.93	7	5.15	3.18	2.27	1.81	11	91.4	0.91	45.9	8,269	13.5	3.1	12.1	6.5	4.9	10.8
21.781	80.3	2	7:17 PM	91.7	6244	22.3	15.21	10.81	6.98	5.2	3.26	2.16	1.91	11	91.4	0.92	44.4	8,369	13.7	3.2	12.5	6.6	4.9	11.2
21.781	80.3	3	7:17 PM	91.7	8285	29.2	20.4	14.63	9.53	7.09	4.45	2.93	1.98	15	91.4	0.92	43.9	8,278	13.5	3.3	12.7	6.6	4.9	11.3
21.781	80.3	4	7:17 PM	91.7	8745	30.73	21.58	15.53	10.11	7.54	4.68	3.28	2.28	16	91.4	0.92	43.8	8,250	13.4	3.3	12.7	6.6	4.9	11.3
21.881	80.8	1	7:18 PM	93.4	5947	46.2	31.47	20.47	11.82	8.04	4.51	3.26	2.6	20	92.4	0.93	90.7	4,533	6.6	2.0	8.0	5.6	4.2	5.5
21.881	80.8	2	7:18 PM	93.4	6134	44.46	30.34	20.33	12.01	8.33	4.65	3.37	2.77	20	92.4	0.93	85.0	4,669	6.8	2.2	8.4	5.6	4.3	5.8
21.881	80.8	3	7:18 PM	93.4	7988	58.21	40.43	27.28	16.14	11.11	6.17	4.56	3.81	27	92.4	0.93	85.5	4,598	6.7	2.2	8.4	5.6	4.3	5.8
21.881	80.8	4	7:18 PM	93.4	8493	61.22	43.18	29.3	17.4	12.01	6.7	4.87	4.05	28	92.4	0.93	84.7	4,578	6.7	2.3	8.5	5.6	4.3	5.8
21.976	81.1	1	7:19 PM	92.4	6211	24.01	16.54	10.95	5.35	3.26	1.75	1.15	0.86	11	91.8	0.88	45.9	10,354	17.7	2.5	10.9	6.7	5.0	10.8
21.976	81.1	2	7:19 PM	92.4	6156	22.56	15.67	10.59	5.39	3.3	1.76	1.13	0.83	10	91.8	0.89	43.9	10,518	18.1	2.7	11.3	6.7	5.0	11.3
21.976	81.1	3	7:19 PM	92.4	8076	28.06	19.58	13.25	6.7	4.18	2.25	1.45	1.07	13	91.8	0.88	41.8	10,991	19.1	2.7	11.6	6.8	5.1	11.8
21.976	81.1	4	7:19 PM	92.4	8713	29.56	20.72	14.07	7.15	4.5	2.41	1.61	1.2	13	91.8	0.88	40.9	11,131	19.4	2.8	11.8	6.8	5.1	12.1
22.069	79.8	1	7:20 PM	92.7	6013	33.78	24.22	17.4	10.73	7.38	3.7	2.48	1.96	18	92.0	0.92	66.7	5,528	8.3	2.7	10.0	6.0	4.5	7.4
22.069	79.8	2	7:20 PM	92.7	6057	31.6	22.88	16.62	10.41	7.24	3.7	2.49	1.99	17	92.0	0.92	62.3	5,789	8.8	2.9	10.5	6.0	4.6	7.9
22.069	79.8	3	7:20 PM	92.7	8087	42.65	31.07	22.63	14.23	9.9	5.07	3.42	2.74	23	92.0	0.92	63.0	5,683	8.6	2.9	10.5	6.0	4.5	7.9
22.069	79.8	4	7:20 PM	92.7	8603	45.05	33.1	24.21	15.28	10.65	5.48	3.7	2.95	25	92.0	0.92	62.7	5,662	8.6	2.9	10.5	6.0	4.5	7.9
22.168	79.6	1	7:21 PM	90.3	6397	17.62	11.92	8.42	4.71	3.01	1.26	0.7	0.56	8.6	90.5	0.88	34.2	12,912	23.2	3.1	13.1	7.1	5.3	14.5
22.168	79.6	2	7:21 PM	90.3	6309	16.84	11.48	8.03	4.67	2.97	1.32	0.8	0.71	8.2	90.5	0.88	33.4	13,100	23.7	3.1	13.3	7.1	5.4	14.8
22.168	79.6	3	7:21 PM	90.3	8043	21.09	14.43	10.1	5.85	3.75	1.65	1	0.54	10	90.5	0.88	32.9	13,277	24.1	3.1	13.4	7.1	5.4	15.0
22.168	79.6	4	7:21 PM	90.3	8680	22.46	15.41	10.8	6.19	4	1.74	1.06	0.62	11	90.5	0.88	32.5	13,442	24.4	3.2	13.5	7.1	5.4	15.2
22.261	78.3	1	7:22 PM	89.1	6112	33.8	24.72	18.56	11.98	8.52	4.59	3	2.36	19	89.7	0.94	67.3	5,156	7.7	2.9	10.2	5.9	4.5	7.4
22.261	78.3	2	7:22 PM	89.1	6156	32.19	23.77	17.99	11.76	8.54	4.77	3.07	2.36	18	89.7	0.94	64.1	5,282	7.9	3.0	10.6	6.0	4.5	7.7
22.261	78.3	3	7:22 PM	89.1	8087	43.41	32.13	24.28	15.96	11.37	6.23	4.18	3.28	25	89.7	0.94	65.6	5,187	7.7	2.9	10.5	5.9	4.5	7.5
22.261	78.3	4	7:22 PM	89.1	8647	46.5	34.53	26.09	17.13	12.2	6.63	4.47	3.53	27	89.7	0.94	65.7	5,172	7.7	2.9	10.5	5.9	4.5	7.5
22.375	78.4	1	7:23 PM	89.5	6375	20	15.48	12.24	8.61	6.45	3.77	2.56	2.02	13	90.0	0.93	40.3	7,719	12.4	3.8	14.3	6.6	5.0	12.3
22.375	78.4	2	7:23 PM	89.5	6233	19.56	14.93	11.88	8.35	6.28	3.71	2.39	2.06	12	90.0	0.93	40.3	7,741	12.4	3.8	14.3	6.6	5.0	12.3
22.375	78.4	3	7:23 PM	89.5	8241	26.4	20.45	16.3	11.57	8.68	5.09	3.39	2.76	17	90.0	0.93	41.1	7,454	11.9	3.8	14.2	6.6	4.9	12.0
22.375	78.4	4	7:23 PM	89.5	8756	28.09	21.77	17.28	12.44	9.37	5.49	3.75	2.9	18	90.0	0.93	41.2	7,365	11.7	3.8	14.3	6.6	4.9	12.0
22.450	80	1	7:24 PM	89.6	6178	14.59	11.88	9.65	7.23	5.72	3.75	2.89	2.17	9.7	90.1	0.93	31.8	8,803	14.5	4.3	17.0	6.9	5.2	15.6
22.450	80	2	7:24 PM	89.6	6320	14.77	11.79	9.63	7.23	5.75	3.91	2.64	1.89	9.8	90.1	0.93	31.5	8,950	14.8	4.3	17.0	6.9	5.2	15.7
22.450	80	3	7:24 PM	89.6	8328	19.82	15.98	13.08	9.87	7.84	5.23	3.67	2.78	13	90.1	0.93	32.0	8,670	14.3	4.4	17.0	6.9	5.2	15.5
22.450	80	4	7:24 PM	89.6	8811	20.96	16.9	13.83	10.47	8.28	5.48	4.07	3.14	14	90.1	0.93	32.0	8,683	14.3	4.4	17.0	6.9	5.2	15.5

22.545	78.1	1	7:25 PM	88.9	6134	17.87	14.47	11.8	8.39	6.33	3.55	2.33	1.7	12	89.6	0.93	37.9	7,750	12.5	4.0	15.1	6.7	5.0	13.1
22.545	78.1	2	7:25 PM	88.9	6156	17.05	13.91	11.36	8.13	6.15	3.53	2.3	1.71	11	89.6	0.93	36.3	8,037	13.0	4.1	15.5	6.7	5.1	13.6
22.545	78.1	3	7:25 PM	88.9	8252	23.55	19.3	15.76	11.35	8.55	4.79	3.11	2.28	16	89.6	0.93	37.3	7,759	12.5	4.1	15.4	6.7	5.0	13.3
22.545	78.1	4	7:25 PM	88.9	8822	25.35	20.72	16.95	12.23	9.24	5.2	3.38	2.47	17	89.6	0.93	37.5	7,683	12.3	4.1	15.4	6.7	5.0	13.2
22.638	80	1	7:25 PM	88.9	6123	30.57	21.23	16.15	10.69	7.67	4.2	2.7	1.82	16	89.6	0.94	61.2	5,728	8.7	3.0	10.7	6.1	4.6	8.1
22.638	80	2	7:25 PM	88.9	6112	27.97	20	15.33	10.24	7.5	4.17	2.67	1.89	16	89.6	0.94	56.6	5,994	9.2	3.1	11.4	6.2	4.6	8.7
22.638	80	3	7:25 PM	88.9	8087	37.88	26.97	20.72	13.95	10.11	5.63	3.62	2.61	21	89.6	0.94	57.8	5,874	8.9	3.1	11.3	6.1	4.6	8.6
22.638	80	4	7:25 PM	88.9	8647	40.45	29.03	22.32	15.01	10.91	6.11	3.88	2.69	23	89.6	0.94	57.8	5,842	8.9	3.1	11.3	6.1	4.6	8.6
22.730	80.1	1	7:26 PM	87.0	6211	25.77	16.96	11.59	6.89	4.83	2.81	2.04	1.47	12	88.4	0.93	51.5	8,155	13.3	2.7	10.9	6.4	4.8	9.6
22.730	80.1	2	7:26 PM	87.0	6035	23.73	15.99	11.07	6.67	4.59	2.65	1.82	1.95	11	88.4	0.93	49.1	8,458	13.8	2.8	11.2	6.5	4.9	10.1
22.730	80.1	3	7:26 PM	87.0	7966	31.2	20.97	14.61	8.78	6.49	3.73	2.83	1.92	15	88.4	0.93	49.0	8,154	13.2	2.9	11.4	6.5	4.9	10.1
22.730	80.1	4	7:26 PM	87.0	8614	33.52	22.87	15.99	9.72	6.82	3.98	2.85	2.2	16	88.4	0.93	48.7	8,309	13.6	2.9	11.4	6.5	4.9	10.2
22.830	79.1	1	7:28 PM	87.0	6156	27.67	17.1	11.36	6.9	4.93	2.67	1.68	1.18	12	88.4	0.93	55.3	7,736	12.4	2.6	10.4	6.3	4.8	9.0
22.830	79.1	2	7:28 PM	87.0	6255	26.17	16.76	11.28	6.96	4.96	2.68	1.7	1.2	11	88.4	0.93	51.8	8,038	13.0	2.7	10.9	6.4	4.8	9.6
22.830	79.1	3	7:28 PM	87.0	8328	33.69	21.67	14.65	8.91	6.3	3.39	2.13	1.5	15	88.4	0.93	50.2	8,375	13.7	2.7	11.0	6.5	4.9	9.9
22.830	79.1	4	7:28 PM	87.0	8811	35.48	22.8	15.37	9.43	6.61	3.52	2.26	1.5	16	88.4	0.93	50.0	8,431	13.8	2.7	11.0	6.5	4.9	9.9
22.920	75.2	1	7:29 PM	86.1	5903	36.13	24.81	17.07	10.62	7.46	4.39	3.09	2.35	17	87.9	0.95	74.8	5,240	7.8	2.4	9.1	5.8	4.4	6.6
22.920	75.2	2	7:29 PM	86.1	5980	33.47	23.58	16.59	10.52	7.48	4.41	3.15	2.42	16	87.9	0.95	68.9	5,476	8.2	2.6	9.7	5.9	4.5	7.2
22.920	75.2	3	7:29 PM	86.1	7933	44.69	31.62	22.36	14.3	10.18	6.08	4.26	3.27	22	87.9	0.95	69.3	5,380	8.1	2.6	9.7	5.9	4.5	7.1
22.920	75.2	4	7:29 PM	86.1	8581	48.54	34.22	24.31	15.59	11.11	6.61	4.67	3.57	24	87.9	0.95	69.6	5,343	8.0	2.6	9.7	5.9	4.5	7.1
23.023	74.9	1	7:30 PM	87.1	6309	21.61	16.67	12.96	9.09	6.79	4.07	2.83	2.17	13	88.5	0.94	44.1	7,202	11.4	3.6	13.5	6.5	4.9	11.2
23.023	74.9	2	7:30 PM	87.1	6353	20.87	16.17	12.65	8.93	6.69	4.02	2.86	2.19	12	88.5	0.94	42.5	7,404	11.8	3.7	13.8	6.5	4.9	11.7
23.023	74.9	3	7:30 PM	87.1	8252	27.36	21.41	16.7	11.84	8.92	5.31	3.63	2.85	17	88.5	0.94	42.9	7,246	11.5	3.7	13.8	6.5	4.9	11.6
23.023	74.9	4	7:30 PM	87.1	8888	29.54	22.99	18.04	12.74	9.56	5.69	3.93	3.03	18	88.5	0.94	42.9	7,268	11.5	3.7	13.8	6.5	4.9	11.5
23.101	74.2	1	7:31 PM	86.9	6200	27.11	17.84	12.07	7.32	5.2	3.22	2.3	1.76	12	88.3	0.94	54.3	7,641	12.2	2.7	10.6	6.3	4.8	9.1
23.101	74.2	2	7:31 PM	86.9	6145	25.29	16.98	11.68	7.19	5.15	3.2	2.27	1.76	12	88.3	0.94	51.4	7,853	12.7	2.8	11.1	6.4	4.8	9.6
23.101	74.2	3	7:31 PM	86.9	8142	33.29	22.56	15.69	9.72	6.97	4.33	3.1	2.36	16	88.3	0.94	51.2	7,782	12.5	2.9	11.2	6.4	4.8	9.7
23.101	74.2	4	7:31 PM	86.9	8702	35.51	24.13	16.85	10.43	7.51	4.72	3.32	2.54	17	88.3	0.94	51.1	7,752	12.5	2.9	11.2	6.4	4.8	9.7
23.202	74.3	1	7:32 PM	86.7	6145	29.9	21.29	15.1	9.44	6.54	3.86	2.64	1.91	16	88.2	0.94	60.2	6,377	9.9	2.7	10.4	6.1	4.6	8.2
23.202	74.3	2	7:32 PM	86.7	5980	27.43	19.85	14.22	8.95	6.39	3.78	2.66	2.12	15	88.2	0.94	57.1	6,521	10.1	2.9	10.9	6.2	4.7	8.7
23.202	74.3	3	7:32 PM	86.7	7901	36.28	26.2	18.85	11.97	8.48	5.02	3.52	2.68	19	88.2	0.94	57.2	6,500	10.1	2.9	10.9	6.2	4.7	8.7
23.202	74.3	4	7:32 PM	86.7	8526	39.08	28.25	20.31	13.04	9.17	5.45	3.84	2.98	21	88.2	0.94	57.1	6,497	10.1	2.9	10.9	6.2	4.7	8.7
23.295	74	1	7:33 PM	87.3	5958	34.63	25.14	18.62	12.61	9.4	5.54	3.59	2.55	20	88.6	0.95	71.5	4,683	6.9	2.9	10.0	5.8	4.4	6.9
23.295	74	2	7:33 PM	87.3	6002	32.46	24.04	18.06	12.36	9.22	5.46	3.59	2.58	19	88.6	0.95	66.9	4,886	7.2	3.0	10.5	5.9	4.4	7.4
23.295	74	3	7:33 PM	87.3	7944	43.74	32.44	24.53	16.91	12.7	7.52	4.95	3.54	26	88.6	0.95	68.1	4,730	6.9	3.0	10.5	5.8	4.4	7.3
23.295	74	4	7:33 PM	87.3	8592	47.46	35.28	26.8	18.48	13.91	8.26	5.46	3.89	28	88.6	0.96	68.3	4,685	6.9	3.0	10.5	5.8	4.4	7.2
23.405	74.4	1	7:33 PM	90.3	6288	22.56	15.04	9.96	5.94	4.23	2.59	1.97	1.37	10	90.4	0.91	44.4	9,428	15.8	2.9	11.8	6.7	5.0	11.1
23.405	74.4	2	7:33 PM	90.3	6233	21.41	14.33	9.65	5.87	4.19	2.61	1.96	1.37	9.7	90.4	0.91	42.8	9,619	16.2	3.0	12.1	6.7	5.0	11.6
23.405	74.4	3	7:33 PM	90.3	8230	28.11	18.92	12.85	7.85	5.74	3.59	2.65	1.83	13	90.4	0.92	42.7	9,448	15.8	3.0	12.3	6.7	5.0	11.6
23.405	74.4	4	7:33 PM	90.3	8822	30.11	20.17	13.8	8.49	6.22	3.9	2.88	1.99	14	90.4	0.92	42.6	9,394	15.7	3.1	12.3	6.7	5.0	11.6
23.484	74.1	1	7:34 PM	87.4	6068	29	20.28	12.07	7.28	5.11	2.88	1.75	1.19	13	88.6	0.93	58.5	7,320	11.6	2.5	10.1	6.3	4.7	8.5
23.484	74.1	2	7:34 PM	87.4	6178	26.81	19.19	11.85	7.31	5.14	2.82	1.8	1.23	13	88.6	0.93	53.6	7,701	12.4	2.7	10.8	6.4	4.8	9.2
23.484	74.1	3	7:34 PM	87.4	8164	36.49	26.06	16.1	9.93	6.99	3.68	2.43	1.82	18	88.6	0.93	55.0	7,480	11.9	2.7	10.6	6.3	4.7	9.0
23.484	74.1	4	7:34 PM	87.4	8680	38.85	27.74	17.28	10.65	7.54	3.96	2.65	2.02	19	88.6	0.93	55.0	7,416	11.8	2.7	10.6	6.3	4.7	9.0

23.582	73.7	1	7:35 PM	86.2	6441	16.6	13.47	10.96	8.11	6.33	3.95	2.72	2.08	11	87.9	0.95	34.7	8,257	13.5	4.2	16.1	6.8	5.1	14.3
23.582	73.7	2	7:35 PM	86.2	6485	15.79	12.87	10.54	7.89	6.21	3.94	2.74	2.04	11	87.9	0.95	33.1	8,516	14.0	4.3	16.6	6.9	5.1	15.0
23.582	73.7	3	7:35 PM	86.2	8515	21.1	17.31	14.2	10.69	8.39	5.29	3.71	2.91	14	87.9	0.95	33.6	8,289	13.5	4.3	16.6	6.8	5.1	14.7
23.582	73.7	4	7:35 PM	86.2	8877	22.02	18.03	14.83	11.16	8.78	5.57	3.87	2.98	15	87.9	0.95	33.7	8,260	13.5	4.3	16.6	6.8	5.1	14.7
23.677	75.8	1	7:36 PM	87.6	6123	16.81	12.28	8.83	5.62	3.83	1.98	1.18	0.82	9	88.8	0.92	35.5	11,038	19.2	3.3	13.6	6.9	5.2	13.9
23.677	75.8	2	7:36 PM	87.6	6244	16.36	11.81	8.5	5.44	3.7	1.93	1.19	0.82	8.7	88.8	0.92	34.1	11,615	20.4	3.4	13.8	7.0	5.3	14.5
23.677	75.8	3	7:36 PM	87.6	8241	20.93	14.82	10.66	6.82	4.66	2.43	1.5	1.04	11	88.8	0.92	33.2	12,093	21.4	3.4	13.9	7.1	5.3	14.9
23.677	75.8	4	7:36 PM	87.6	8888	22.24	15.65	11.27	7.21	4.92	2.56	1.56	1.1	12	88.8	0.91	32.7	12,321	21.9	3.4	14.0	7.1	5.3	15.1
23.779	75.3	1	7:37 PM	86.0	6123	25.59	18.35	13.04	8.38	5.97	3.31	2.26	1.66	14	87.8	0.94	52.5	7,150	11.3	3.0	11.4	6.3	4.8	9.4
23.779	75.3	2	7:37 PM	86.0	6145	24.31	17.46	12.57	8.16	5.84	3.33	2.24	1.67	13	87.8	0.94	50.0	7,422	11.8	3.1	11.7	6.4	4.8	9.9
23.779	75.3	3	7:37 PM	86.0	8164	32.22	23.3	16.88	11.08	8	4.5	3.13	2.31	17	87.8	0.94	49.9	7,293	11.6	3.1	11.8	6.4	4.8	9.9
23.779	75.3	4	7:37 PM	86.0	8713	34.33	24.79	18.06	11.84	8.61	4.93	3.23	2.43	19	87.8	0.94	49.9	7,259	11.5	3.1	11.9	6.4	4.8	9.9
23.873	73.7	1	7:38 PM	84.8	6123	35.3	25.84	19.25	12.71	9.18	5.12	3.42	2.64	19	87.0	0.96	71.4	4,851	7.1	2.8	9.9	5.8	4.4	6.9
23.873	73.7	2	7:38 PM	84.8	6167	33.63	24.61	18.52	12.37	9.08	5.18	3.54	2.68	19	87.0	0.96	67.8	5,008	7.4	2.9	10.3	5.9	4.4	7.3
23.873	73.7	3	7:38 PM	84.8	8076	44.48	32.77	24.73	16.69	12.07	6.85	4.63	3.61	25	87.0	0.96	68.5	4,943	7.3	2.9	10.2	5.9	4.4	7.2
23.873	73.7	4	7:38 PM	84.8	8625	47.33	34.98	26.47	17.83	12.92	7.4	4.8	3.54	27	87.0	0.96	68.3	4,942	7.3	2.9	10.2	5.9	4.4	7.3
23.969	73.7	1	7:39 PM	85.0	6134	32.59	23.85	17.4	11.56	8.37	5.05	3.57	2.8	17	87.1	0.96	66.2	5,305	7.9	2.9	10.3	5.9	4.5	7.5
23.969	73.7	2	7:39 PM	85.0	5991	30.07	22.33	16.49	11.18	8.2	5.06	3.6	2.83	16	87.1	0.96	62.9	5,407	8.1	3.0	10.7	6.0	4.5	7.9
23.969	73.7	3	7:39 PM	85.0	7835	40.36	30.21	22.46	15.15	11.03	6.66	4.69	3.63	22	87.1	0.96	64.4	5,260	7.9	3.0	10.6	6.0	4.5	7.7
23.969	73.7	4	7:39 PM	85.0	8493	43.45	32.73	24.43	16.56	12.04	7.25	5.11	3.94	24	87.1	0.96	64.0	5,250	7.8	3.0	10.7	6.0	4.5	7.7
24.057	73.9	1	7:40 PM	84.8	5794	43.72	27.31	17.98	10.94	7.65	4.26	2.84	2.17	19	87.0	0.96	91.3	4,653	6.8	2.0	7.9	5.6	4.2	5.4
24.057	73.9	2	7:40 PM	84.8	5882	40.47	26.2	17.7	11.07	7.73	4.45	3.02	2.34	18	87.0	0.96	83.8	4,867	7.2	2.2	8.4	5.7	4.3	5.9
24.057	73.9	3	7:40 PM	84.8	7747	52.76	35.11	23.88	14.88	10.4	5.86	3.96	3.05	24	87.0	0.96	83.0	4,832	7.1	2.2	8.5	5.7	4.3	6.0
24.057	73.9	4	7:40 PM	84.8	8438	57.3	38.38	26.24	16.43	11.46	6.48	4.37	3.39	27	87.0	0.96	82.8	4,808	7.1	2.2	8.5	5.7	4.3	6.0
24.156	74.6	1	7:41 PM	85.8	6134	24.31	19.5	15.85	11.49	8.79	5.15	3.43	2.58	16	87.6	0.96	50.8	5,606	8.5	3.7	13.1	6.2	4.7	9.8
24.156	74.6	2	7:41 PM	85.8	6178	23.92	19.06	15.56	11.34	8.64	5	3.37	2.46	16	87.6	0.96	49.7	5,743	8.7	3.7	13.2	6.2	4.7	10.0
24.156	74.6	3	7:41 PM	85.8	8120	32.07	25.61	20.7	15.15	11.56	6.69	4.4	3.2	21	87.6	0.96	50.6	5,639	8.5	3.7	13.1	6.2	4.7	9.8
24.156	74.6	4	7:41 PM	85.8	8691	34.19	27.43	22.31	16.31	12.43	7.17	4.71	3.43	22	87.6	0.96	50.4	5,623	8.5	3.7	13.1	6.2	4.7	9.8
24.253	74.1	1	7:42 PM	85.8	6397	13.81	12.07	10.39	8.23	6.7	4.36	2.94	2.15	10	87.6	0.95	30.2	7,835	12.6	4.8	18.9	6.9	5.2	16.4
24.253	74.1	2	7:42 PM	85.8	6441	13.66	11.61	9.97	7.98	6.43	4.14	2.88	2.19	9.7	87.6	0.95	29.7	8,248	13.4	4.8	18.8	7.0	5.2	16.7
24.253	74.1	3	7:42 PM	85.8	8460	17.83	15.49	13.35	10.68	8.67	5.64	3.83	2.85	13	87.6	0.95	29.6	8,005	13.0	4.9	19.1	6.9	5.2	16.7
24.253	74.1	4	7:42 PM	85.8	8932	18.87	16.27	14.04	11.23	9.12	5.93	4.03	2.99	14	87.6	0.95	29.6	8,040	13.0	4.8	19.0	6.9	5.2	16.7
24.352	74.3	1	7:43 PM	86.4	6540	16.15	13.55	11.63	9.1	7.11	4.38	2.91	2.23	12	88.0	0.95	33.6	7,611	12.2	4.5	17.2	6.8	5.1	14.7
24.352	74.3	2	7:43 PM	86.4	6452	15.66	13.21	11.41	8.87	7.09	4.43	2.94	2.11	11	88.0	0.95	33.1	7,518	12.0	4.6	17.6	6.8	5.1	14.9
24.352	74.3	3	7:43 PM	86.4	8339	20.86	17.67	15.29	11.86	9.57	6.05	3.94	2.65	15	88.0	0.95	34.0	7,192	11.4	4.6	17.5	6.7	5.1	14.5
24.352	74.3	4	7:43 PM	86.4	8811	22	18.59	16.04	12.51	10.04	6.27	4.14	2.99	16	88.0	0.95	33.9	7,246	11.5	4.6	17.4	6.7	5.1	14.6
24.440	74.9	1	7:43 PM	86.5	6683	15.21	12.88	11.05	8.81	7.24	4.84	3.37	2.46	11	88.0	0.95	31.5	7,591	12.2	4.8	18.4	6.8	5.1	15.7
24.440	74.9	2	7:43 PM	86.5	6595	14.9	12.58	10.84	8.67	7.16	4.83	3.37	2.43	11	88.0	0.95	31.3	7,567	12.1	4.8	18.6	6.8	5.1	15.8
24.440	74.9	3	7:43 PM	86.5	8603	19.97	16.78	14.46	11.6	9.59	6.46	4.49	3.24	14	88.0	0.95	32.0	7,370	11.7	4.8	18.4	6.8	5.1	15.5
24.440	74.9	4	7:43 PM	86.5	8921	20.5	17.31	14.93	11.99	9.91	6.69	4.65	3.34	15	88.0	0.95	31.8	7,390	11.8	4.8	18.5	6.8	5.1	15.6
24.527	76.2	1	7:44 PM	87.3	6364	20.81	14.3	10.29	6.7	4.95	2.97	2.11	1.6	10	88.5	0.93	41.9	9,034	15.0	3.2	12.8	6.7	5.0	11.8
24.527	76.2	2	7:44 PM	87.3	6441	19.77	13.99	10.15	6.64	4.93	3.02	2.1	1.64	10	88.5	0.93	39.7	9,352	15.6	3.3	13.2	6.8	5.1	12.5
24.527	76.2	3	7:44 PM	87.3	8142	27.23	19.33	13.93	9.07	6.62	4	2.82	2.26	14	88.5	0.93	42.8	8,717	14.4	3.2	12.7	6.6	5.0	11.6
24.527	76.2	4	7:44 PM	87.3	8636	29.46	20.67	14.91	9.76	7.14	4.28	3.09	2.43	15	88.5	0.93	43.5	8,562	14.1	3.2	12.6	6.6	5.0	11.4

24.627	76.8	1	7:45 PM	88.4	5958	34.91	22.91	15.46	9.14	6.21	3.84	2.8	2.17	16	89.2	0.94	70.8	5,940	9.1	2.3	9.1	6.0	4.5	7.0
24.627	76.8	2	7:45 PM	88.4	6035	33.17	22.08	15.3	9.25	6.38	3.89	2.83	2.19	15	89.2	0.94	66.8	6,070	9.3	2.5	9.6	6.0	4.5	7.4
24.627	76.8	3	7:45 PM	88.4	8032	44.71	30.15	21.02	12.87	8.77	5.35	3.87	2.97	21	89.2	0.94	67.7	5,929	9.0	2.5	9.6	6.0	4.5	7.3
24.627	76.8	4	7:45 PM	88.4	8658	48.28	32.62	22.85	13.85	9.57	5.73	4.2	3.24	23	89.2	0.94	67.8	5,884	9.0	2.5	9.6	6.0	4.5	7.3
24.715	78.3	1	7:46 PM	86.6	5892	38.49	24.42	13.6	8.23	5.94	3.69	2.81	2.21	15	88.1	0.95	78.8	5,741	8.7	2.0	8.3	5.8	4.4	6.3
24.715	78.3	2	7:46 PM	86.6	5936	35	22.77	13.37	8.5	6.15	3.8	2.79	2.24	14	88.1	0.95	71.8	5,942	9.1	2.3	9.0	5.9	4.5	6.9
24.715	78.3	3	7:46 PM	86.6	7912	44.93	29.63	18.08	11.51	8.38	5.17	3.84	3.07	19	88.1	0.95	69.4	5,974	9.1	2.4	9.3	6.0	4.5	7.1
24.715	78.3	4	7:46 PM	86.6	8482	47.21	31.41	19.41	12.26	9.06	5.6	4.2	3.3	21	88.1	0.95	68.2	6,001	9.2	2.4	9.5	6.0	4.5	7.3
24.814	79.1	1	7:47 PM	85.2	6562	38.52	24.6	16.92	10.67	7.67	4.55	3.17	2.3	18	87.2	0.95	72.1	5,575	8.4	2.4	9.2	5.9	4.4	6.9
24.814	79.1	2	7:47 PM	85.2	6200	33.83	22.15	15.7	10.3	7.62	4.56	3.19	2.35	17	87.2	0.96	67.6	5,591	8.4	2.6	9.8	6.0	4.5	7.3
24.814	79.1	3	7:47 PM	85.2	7988	44.47	29.75	21.28	14.09	10.39	6.25	4.39	3.37	22	87.2	0.96	68.9	5,363	8.0	2.7	9.8	5.9	4.5	7.2
24.814	79.1	4	7:47 PM	85.2	8471	47.99	31.8	22.83	15.18	11.26	6.76	4.76	3.73	24	87.2	0.96	70.1	5,257	7.8	2.7	9.7	5.9	4.4	7.1
24.914	77.8	1	7:48 PM	84.2	6606	21.42	10.91	6.04	3.11	2.14	1.36	0.88	0.74	6.8	86.6	0.93	41.3	14,357	26.5	2.1	10.3	6.9	5.2	12.0
24.914	77.8	2	7:48 PM	84.2	6628	19.22	9.87	5.58	2.98	2.12	1.36	0.96	0.69	6.1	86.6	0.93	37.5	15,297	28.7	2.3	10.9	7.0	5.3	13.2
24.914	77.8	3	7:48 PM	84.2	8449	23.65	12.26	6.95	3.8	2.9	1.83	1.34	0.89	7.3	86.6	0.93	36.5	15,045	28.1	2.4	11.3	7.1	5.4	13.6
24.914	77.8	4	7:48 PM	84.2	8910	24.4	12.83	7.29	3.96	3.11	1.95	1.41	0.93	7.7	86.6	0.93	35.8	15,086	28.2	2.5	11.5	7.1	5.4	13.8
25.007	75.8	1	7:49 PM	83.6	5936	36.1	24.5	16.93	10.35	7.32	4.7	3.55	2.74	17	86.2	0.96	75.2	5,327	8.0	2.4	9.0	5.8	4.4	6.6
25.007	75.8	2	7:49 PM	83.6	6090	34.36	23.96	16.98	10.71	7.71	4.85	3.6	2.94	16	86.2	0.96	70.2	5,419	8.1	2.6	9.6	5.9	4.5	7.0
25.007	75.8	3	7:49 PM	83.6	8010	45.31	31.84	22.65	14.43	10.43	6.56	4.89	3.89	22	86.2	0.96	70.4	5,325	8.0	2.6	9.6	5.9	4.4	7.0
25.007	75.8	4	7:49 PM	83.6	8592	48.57	33.96	24.22	15.47	11.26	6.88	5.21	4.2	24	86.2	0.96	70.4	5,306	7.9	2.6	9.7	5.9	4.4	7.0
25.104	76.9	1	7:50 PM	85.3	6002	35.88	23.76	15.17	8.57	5.53	2.68	1.7	1.2	16	87.2	0.94	72.4	6,278	9.7	2.1	8.7	6.0	4.5	6.8
25.104	76.9	2	7:50 PM	85.3	6002	32.77	21.81	14.31	8.2	5.46	2.65	1.69	1.22	15	87.2	0.94	66.6	6,600	10.3	2.3	9.3	6.1	4.6	7.4
25.104	76.9	3	7:50 PM	85.3	8010	43.07	28.82	18.96	10.91	7.17	3.41	2.18	1.65	20	87.2	0.94	65.6	6,705	10.5	2.3	9.4	6.1	4.6	7.5
25.104	76.9	4	7:50 PM	85.3	8713	46.2	31.13	20.57	11.96	7.8	3.75	2.41	1.83	21	87.2	0.94	64.8	6,748	10.6	2.3	9.4	6.1	4.6	7.6
25.198	79.5	1	7:51 PM	85.6	6342	17.84	14.61	12.29	9.3	7.37	4.7	3.3	2.55	12	87.4	0.95	37.7	7,059	11.1	4.3	15.9	6.6	5.0	13.1
25.198	79.5	2	7:51 PM	85.6	6386	16.89	14.18	11.96	9.11	7.26	4.7	3.31	2.55	12	87.4	0.95	35.8	7,238	11.5	4.4	16.6	6.7	5.0	13.8
25.198	79.5	3	7:51 PM	85.6	8482	22.72	19.11	16.13	12.29	9.75	6.26	4.39	3.35	16	87.4	0.95	36.2	7,158	11.3	4.4	16.5	6.7	5.0	13.7
25.198	79.5	4	7:51 PM	85.6	8833	23.83	19.88	16.76	12.81	10.16	6.53	4.58	3.47	17	87.4	0.95	36.4	7,150	11.3	4.4	16.4	6.7	5.0	13.6
25.297	77.9	1	7:52 PM	86.4	6233	20.46	16.88	13.94	10.37	7.96	4.61	2.96	2.19	14	87.9	0.95	42.8	6,375	9.9	4.0	14.7	6.4	4.8	11.6
25.297	77.9	2	7:52 PM	86.4	6222	19.87	16.48	13.65	10.2	7.85	4.6	2.98	2.24	13	87.9	0.95	41.8	6,467	10.0	4.1	14.9	6.5	4.9	11.8
25.297	77.9	3	7:52 PM	86.4	8186	26.95	22.26	18.5	13.87	10.67	6.21	3.99	2.95	18	87.9	0.95	43.0	6,262	9.6	4.1	14.7	6.4	4.8	11.5
25.297	77.9	4	7:52 PM	86.4	8811	28.9	23.96	19.87	14.94	11.53	6.7	4.28	3.18	20	87.9	0.95	42.8	6,244	9.6	4.1	14.8	6.4	4.8	11.6
25.378	75.8	1	7:53 PM	84.8	6342	16.72	14.35	12.33	9.72	7.79	5.06	3.46	2.57	12	86.9	0.96	35.9	6,710	10.5	4.6	17.1	6.6	5.0	13.8
25.378	75.8	2	7:53 PM	84.8	6342	16.11	14.03	12.14	9.58	7.71	5.04	3.5	2.62	12	86.9	0.96	34.8	6,761	10.6	4.7	17.6	6.7	5.0	14.2
25.378	75.8	3	7:53 PM	84.8	8372	22	18.74	16.07	12.78	10.29	6.69	4.63	3.42	16	86.9	0.96	35.8	6,704	10.5	4.6	17.2	6.6	5.0	13.8
25.378	75.8	4	7:53 PM	84.8	8877	23.43	19.71	17.08	13.49	10.86	7.07	4.86	3.61	17	86.9	0.96	35.9	6,740	10.5	4.6	17.1	6.6	5.0	13.8
25.479	75.5	1	7:54 PM	84.8	6342	21.04	16.17	12.8	9.21	7.13	4.34	2.84	2.03	13	86.9	0.96	43.4	7,039	11.1	3.7	13.8	6.5	4.9	11.4
25.479	75.5	2	7:54 PM	84.8	6178	20.46	15.59	12.39	9.02	7.01	4.31	2.86	2.07	13	86.9	0.96	43.4	6,993	11.0	3.8	13.9	6.5	4.9	11.4
25.479	75.5	3	7:54 PM	84.8	8032	28.21	21.41	17.08	12.37	9.62	5.89	3.84	2.79	17	86.9	0.96	45.7	6,618	10.3	3.7	13.5	6.4	4.8	10.8
25.479	75.5	4	7:54 PM	84.8	8669	29.5	23.11	18.51	13.5	10.39	6.42	4.1	2.98	19	86.9	0.96	44.5	6,664	10.4	3.8	13.8	6.4	4.8	11.1
25.576	75.7	1	7:55 PM	85.0	6101	31.07	21.89	15.75	9.93	6.93	3.8	2.7	2.1	16	87.0	0.95	63.2	6,025	9.2	2.7	10.2	6.1	4.6	7.8
25.576	75.7	2	7:55 PM	85.0	6046	29.43	20.85	15.09	9.59	6.76	3.77	2.7	2.14	16	87.0	0.95	60.7	6,196	9.5	2.8	10.5	6.1	4.6	8.2
25.576	75.7	3	7:55 PM	85.0	7944	39.1	27.98	20.44	13.04	9.1	5.06	3.64	2.94	21	87.0	0.95	61.3	6,080	9.3	2.8	10.4	6.1	4.6	8.1
25.576	75.7	4	7:55 PM	85.0	8658	42.5	30.63	22.32	14.26	9.97	5.51	3.98	3.22	23	87.0	0.95	61.2	6,067	9.3	2.8	10.5	6.1	4.6	8.1

25.679	75.8	1	7:56 PM	85.7	6869	11.78	10.07	8.98	7.53	6.43	4.46	3.09	2.22	8.8	87.4	0.95	25.2	8,568	14.1	5.3	21.7	7.1	5.4	19.6
25.679	75.8	2	7:56 PM	85.7	6661	11.38	9.96	8.65	7.44	6.34	4.4	3.05	2.22	8.7	87.4	0.95	25.1	8,377	13.7	5.4	22.0	7.1	5.3	19.7
25.679	75.8	3	7:56 PM	85.7	8702	14.99	13.06	11.65	9.82	8.37	5.82	4.02	2.92	12	87.4	0.95	25.3	8,284	13.5	5.4	22.0	7.1	5.3	19.6
25.679	75.8	4	7:56 PM	85.7	9108	15.57	13.5	12.08	10.18	8.67	6.02	4.15	2.97	12	87.4	0.95	25.1	8,378	13.7	5.4	22.0	7.1	5.3	19.7
25.768	75.3	1	7:57 PM	85.5	6233	17.45	13.45	10.5	7.38	5.49	2.93	1.77	1.1	11	87.3	0.94	37.1	8,803	14.5	3.8	14.6	6.8	5.1	13.4
25.768	75.3	2	7:57 PM	85.5	6386	17.01	13.01	10.14	7.13	5.35	2.92	1.76	0.82	11	87.3	0.94	35.5	9,255	15.5	3.8	14.9	6.9	5.1	13.9
25.768	75.3	3	7:57 PM	85.5	8372	22.06	17.13	13.39	9.47	7.04	3.83	2.31	1.71	14	87.3	0.94	35.2	9,260	15.5	3.8	15.0	6.9	5.1	14.1
25.768	75.3	4	7:57 PM	85.5	8943	23.56	18.2	14.25	10.1	7.49	4.07	2.48	1.76	15	87.3	0.94	35.2	9,286	15.5	3.8	15.0	6.9	5.1	14.1
25.856	75.5	1	7:58 PM	85.5	6507	23.17	18.78	15.51	11.27	8.76	3.76	2.42	1.79	15	87.3	0.95	45.8	6,019	9.2	3.9	14.1	6.3	4.8	10.8
25.856	75.5	2	7:58 PM	85.5	6309	21.29	17.78	14.63	10.7	8.34	3.79	2.59	1.96	14	87.3	0.95	43.8	6,166	9.5	4.0	14.6	6.4	4.8	11.3
25.856	75.5	3	7:58 PM	85.5	8076	29.03	23.95	19.75	14.56	11.24	5.19	3.28	2.44	19	87.3	0.95	46.3	5,845	8.9	4.0	14.1	6.3	4.8	10.7
25.856	75.5	4	7:58 PM	85.5	8669	30.84	25.33	20.93	15.41	11.98	5.52	3.51	2.62	20	87.3	0.95	45.9	5,890	9.0	4.0	14.2	6.3	4.8	10.8
25.937	75.6	1	7:58 PM	85.6	6430	16.15	12.28	9.52	6.25	4.34	2.01	1.09	0.79	9.4	87.4	0.93	33.4	10,907	18.9	3.6	14.6	7.0	5.3	14.8
25.937	75.6	2	7:58 PM	85.6	6266	15.08	11.64	9.04	5.96	4.15	1.98	1.09	0.88	9	87.4	0.93	32.3	11,209	19.5	3.7	14.9	7.0	5.3	15.3
25.937	75.6	3	7:58 PM	85.6	8274	19.38	14.85	11.56	7.63	5.31	2.47	1.34	1.02	11	87.4	0.93	31.5	11,550	20.3	3.7	15.0	7.1	5.3	15.7
25.937	75.6	4	7:58 PM	85.6	8778	20.48	15.62	12.15	8.02	5.58	2.6	1.42	1.09	12	87.4	0.93	31.4	11,638	20.5	3.7	15.0	7.1	5.3	15.8
26.048	75.2	1	7:59 PM	83.4	6189	24.63	17.88	13.3	8.15	4.96	2.88	2.02	1.54	13	86.0	0.95	50.7	8,172	13.3	2.8	11.0	6.4	4.8	9.8
26.048	75.2	2	7:59 PM	83.4	6309	23.22	17.03	12.76	7.96	5.06	3	2.08	1.61	12	86.0	0.95	47.4	8,450	13.8	2.9	11.6	6.5	4.9	10.4
26.048	75.2	3	7:59 PM	83.4	8021	29.06	21.17	15.85	9.91	6.35	3.78	2.63	2	15	86.0	0.95	46.7	8,570	14.1	3.0	11.7	6.5	4.9	10.6
26.048	75.2	4	7:59 PM	83.4	8625	30.73	22.3	16.69	10.48	6.76	4.06	2.85	2.16	16	86.0	0.95	46.0	8,681	14.3	3.0	11.8	6.6	4.9	10.8
26.145	74.9	1	8:00 PM	84.0	6035	32.38	23.79	17.31	11.34	8.02	4.73	3.42	2.61	18	86.4	0.96	67.0	5,372	8.0	2.8	10.1	5.9	4.5	7.4
26.145	74.9	2	8:00 PM	84.0	6035	30.06	22.5	16.64	11.11	8.01	4.77	3.44	2.65	17	86.4	0.96	62.6	5,529	8.3	3.0	10.7	6.0	4.5	7.9
26.145	74.9	3	8:00 PM	84.0	8021	40.57	30.44	22.66	15.21	10.97	6.54	4.66	3.57	23	86.4	0.96	63.6	5,395	8.1	3.0	10.6	6.0	4.5	7.8
26.145	74.9	4	8:00 PM	84.0	8669	43.61	32.53	24.32	16.42	11.84	7.05	5.03	3.89	25	86.4	0.96	63.2	5,410	8.1	3.0	10.7	6.0	4.5	7.8
26.238	75.4	1	8:01 PM	85.1	6156	30.7	21.39	15.97	11.02	8.33	4.98	3.48	2.66	17	87.0	0.96	62.5	5,459	8.2	3.0	10.7	6.0	4.5	7.9
26.238	75.4	2	8:01 PM	85.1	6068	28.26	20.15	15.33	10.78	8.23	4.95	3.51	2.73	16	87.0	0.96	58.8	5,581	8.4	3.2	11.3	6.1	4.6	8.4
26.238	75.4	3	8:01 PM	85.1	8098	38.51	27.78	21.26	14.97	11.4	6.87	4.77	3.59	22	87.0	0.96	59.9	5,406	8.1	3.2	11.2	6.0	4.6	8.3
26.238	75.4	4	8:01 PM	85.1	8647	41.08	29.67	22.81	16.11	12.28	7.35	5.11	4.04	24	87.0	0.96	59.9	5,375	8.1	3.2	11.3	6.0	4.5	8.3
26.326	74.6	1	8:02 PM	84.6	5925	36.74	27.43	19.89	13.11	9.74	5.72	3.83	2.89	20	86.7	0.97	76.7	4,456	6.5	2.7	9.5	5.7	4.3	6.5
26.326	74.6	2	8:02 PM	84.6	5936	34.2	25.68	19.17	12.97	9.72	5.75	3.87	2.91	19	86.7	0.97	71.7	4,585	6.7	2.9	10.1	5.8	4.4	6.9
26.326	74.6	3	8:02 PM	84.6	7846	45.8	34.65	25.98	17.64	13.11	7.96	5.31	3.7	26	86.7	0.97	72.7	4,504	6.5	2.9	10.0	5.7	4.4	6.8
26.326	74.6	4	8:02 PM	84.6	8482	49.3	37.81	28.16	19.08	14.23	8.69	5.79	3.92	28	86.7	0.97	72.4	4,498	6.5	2.9	10.0	5.7	4.4	6.8
26.426	74.5	1	8:03 PM	84.7	6024	34.07	20.09	13.91	8.69	6.24	3.44	2.43	1.87	17	86.8	0.95	69.5	6,058	9.3	2.3	9.2	6.0	4.5	7.1
26.426	74.5	2	8:03 PM	84.7	6090	32.78	20.02	13.96	8.79	6.35	3.51	2.43	1.87	16	86.8	0.95	66.5	6,174	9.5	2.5	9.6	6.0	4.5	7.4
26.426	74.5	3	8:03 PM	84.7	7999	42.83	27.23	19.04	12.06	8.63	4.78	3.29	2.53	22	86.8	0.95	66.2	6,072	9.3	2.5	9.7	6.0	4.5	7.5
26.426	74.5	4	8:03 PM	84.7	8691	46.44	29.76	20.94	13.29	9.5	5.27	3.64	2.79	24	86.8	0.95	66.1	6,033	9.2	2.5	9.7	6.0	4.5	7.5
26.525	74.4	1	8:04 PM	83.9	6156	21.11	16.5	13.37	9.55	7.27	4.48	3.22	2.56	13	86.3	0.96	44.9	6,727	10.5	3.7	13.6	6.4	4.8	11.0
26.525	74.4	2	8:04 PM	83.9	6090	20.18	15.81	12.94	9.35	7.21	4.5	3.26	2.59	13	86.3	0.96	43.6	6,768	10.6	3.8	14.0	6.5	4.9	11.3
26.525	74.4	3	8:04 PM	83.9	8120	27.23	21.49	17.58	12.74	9.78	6.09	4.36	3.45	18	86.3	0.96	44.1	6,660	10.4	3.8	14.0	6.4	4.8	11.2
26.525	74.4	4	8:04 PM	83.9	8658	28.95	22.81	18.7	13.59	10.47	6.5	4.66	3.69	19	86.3	0.96	44.0	6,643	10.4	3.8	14.0	6.4	4.8	11.3
26.618	74.7	1	8:05 PM	83.2	6529	20.08	15.94	12.96	9.71	7.62	4.82	3.4	2.62	13	85.8	0.96	41.0	6,947	10.9	4.0	14.7	6.5	4.9	12.1
26.618	74.7	2	8:05 PM	83.2	6474	19.31	15.56	12.66	9.55	7.54	4.83	3.42	2.63	13	85.8	0.96	40.0	6,994	11.0	4.1	15.1	6.6	4.9	12.4
26.618	74.7	3	8:05 PM	83.2	8186	25.6	20.72	16.93	12.87	10.18	6.52	4.63	3.53	17	85.8	0.97	41.7	6,567	10.2	4.1	14.9	6.5	4.9	11.9
26.618	74.7	4	8:05 PM	83.2	8811	27.39	22.19	18.19	13.8	10.93	7.01	4.96	3.77	18	85.8	0.97	41.5	6,587	10.2	4.1	14.9	6.5	4.9	11.9

26.707	74.3	1	8:06 PM	83.7	6211	25.03	20.03	15.67	10.85	7.87	4.33	2.71	1.97	16	86.1	0.96	51.7	6,118	9.4	3.4	12.4	6.2	4.7	9.6
26.707	74.3	2	8:06 PM	83.7	6353	24.18	19.37	15.33	10.82	7.96	4.45	2.81	2.03	15	86.1	0.96	49.2	6,268	9.7	3.6	12.9	6.3	4.7	10.1
26.707	74.3	3	8:06 PM	83.7	8274	32.47	25.98	20.68	14.65	10.77	6.01	3.76	2.76	21	86.1	0.96	50.6	6,045	9.3	3.5	12.7	6.3	4.7	9.8
26.707	74.3	4	8:06 PM	83.7	8734	34.37	27.43	21.9	15.54	11.42	6.42	4.04	2.95	22	86.1	0.96	50.7	6,022	9.2	3.5	12.7	6.3	4.7	9.8
26.804	74.3	1	8:07 PM	84.0	6342	21.49	15.59	12.06	8.51	6.71	4.4	3.3	2.61	12	86.3	0.96	44.4	7,313	11.6	3.6	13.3	6.5	4.9	11.1
26.804	74.3	2	8:07 PM	84.0	6244	20.42	14.89	11.67	8.33	6.66	4.4	3.35	2.68	12	86.3	0.96	43.1	7,344	11.7	3.7	13.7	6.5	4.9	11.5
26.804	74.3	3	8:07 PM	84.0	8241	27.07	19.94	15.67	11.28	8.92	5.87	4.48	3.47	16	86.3	0.96	43.3	7,257	11.5	3.7	13.7	6.5	4.9	11.4
26.804	74.3	4	8:07 PM	84.0	8844	28.93	21.33	16.79	12.01	9.56	6.3	4.78	3.71	17	86.3	0.96	43.1	7,273	11.5	3.7	13.7	6.5	4.9	11.5
26.895	73.8	1	8:08 PM	83.1	6024	42.55	28.07	19.13	10.81	7.19	3.91	2.88	2.34	20	85.7	0.96	86.2	5,064	7.5	2.0	8.0	5.7	4.3	5.7
26.895	73.8	2	8:08 PM	83.1	6079	39.5	26.92	18.77	10.95	7.39	4.02	2.93	2.39	19	85.7	0.96	79.9	5,212	7.8	2.2	8.6	5.8	4.4	6.2
26.895	73.8	3	8:08 PM	83.1	7955	51.6	35.47	25.09	14.72	9.9	5.4	3.97	3.17	26	85.7	0.96	79.8	5,150	7.7	2.2	8.6	5.8	4.4	6.2
26.895	73.8	4	8:08 PM	83.1	8614	55.57	38.41	27.29	16.13	10.84	5.88	4.36	3.46	28	85.7	0.96	79.4	5,131	7.6	2.2	8.7	5.8	4.4	6.2
27.004	73.5	1	8:09 PM	84.7	6244	23.34	20.32	14.24	10.72	8.61	5.28	3.51	2.61	15	86.7	0.96	48.5	5,849	8.9	3.8	13.4	6.3	4.7	10.2
27.004	73.5	2	8:09 PM	84.7	6375	22.64	19.85	14.18	10.72	8.63	5.35	3.59	2.64	15	86.7	0.96	46.4	5,994	9.2	3.9	13.9	6.3	4.8	10.7
27.004	73.5	3	8:09 PM	84.7	8339	29.87	26.25	18.91	14.41	11.56	7.12	4.72	3.51	20	86.7	0.96	46.7	5,868	8.9	3.9	13.9	6.3	4.7	10.6
27.004	73.5	4	8:09 PM	84.7	8789	31.77	27.61	19.99	15.39	12.15	7.54	5.04	3.7	21	86.7	0.96	47.1	5,873	8.9	3.9	13.8	6.3	4.7	10.5
27.094	73.6	1	8:10 PM	86.4	6518	19.42	14.94	11.92	8.23	6.09	3.58	2.42	1.84	12	87.8	0.94	39.1	8,291	13.5	3.7	14.2	6.7	5.0	12.7
27.094	73.6	2	8:10 PM	86.4	6430	18.48	14.37	11.56	8.09	6.07	3.61	2.44	1.87	12	87.8	0.94	38.0	8,315	13.6	3.8	14.6	6.7	5.0	13.0
27.094	73.6	3	8:10 PM	86.4	8372	24.84	19.35	15.6	11.02	8.2	4.87	3.25	2.54	16	87.8	0.95	39.0	8,025	13.0	3.8	14.5	6.7	5.0	12.7
27.094	73.6	4	8:10 PM	86.4	8866	26.17	20.45	16.53	11.64	8.71	5.14	3.46	2.67	16	87.8	0.95	38.9	8,018	13.0	3.8	14.5	6.7	5.0	12.7
27.183	74	1	8:11 PM	84.1	6540	17.59	14.83	12.43	9.36	7.27	4.37	2.81	2.11	12	86.3	0.96	36.4	7,380	11.7	4.3	16.1	6.7	5.0	13.6
27.183	74	2	8:11 PM	84.1	6408	17.54	14.36	12.06	9.13	7.17	4.33	2.81	2.11	12	86.3	0.96	37.0	7,324	11.6	4.2	15.9	6.7	5.0	13.4
27.183	74	3	8:11 PM	84.1	8471	23.68	19.57	16.49	12.52	9.81	5.92	3.83	2.86	17	86.3	0.96	37.7	7,086	11.2	4.3	15.9	6.6	5.0	13.1
27.183	74	4	8:11 PM	84.1	8844	24.71	20.38	17.2	13.07	10.27	6.16	4	2.91	17	86.3	0.96	37.7	7,068	11.2	4.3	15.9	6.6	5.0	13.1
27.273	74.2	1	8:12 PM	85.0	6683	14.62	12.14	10.16	7.91	6.22	3.9	2.7	2.05	10	86.9	0.95	30.5	8,835	14.6	4.5	17.7	7.0	5.2	16.2
27.273	74.2	2	8:12 PM	85.0	6551	14.24	11.85	9.94	7.74	6.13	3.89	2.7	2.05	10	86.9	0.95	30.4	8,850	14.6	4.5	17.7	7.0	5.2	16.3
27.273	74.2	3	8:12 PM	85.0	8515	19.27	16.09	13.46	10.53	8.33	5.25	3.66	2.84	14	86.9	0.95	31.4	8,464	13.9	4.5	17.5	6.9	5.2	15.7
27.273	74.2	4	8:12 PM	85.0	8910	20.22	16.83	14.11	11	8.72	5.52	3.82	2.89	14	86.9	0.95	31.5	8,461	13.9	4.5	17.5	6.9	5.2	15.7
27.375	74.4	1	8:13 PM	85.5	6288	24.75	19.2	15.85	11.76	9.26	5.85	3.94	2.87	17	87.2	0.96	50.7	5,491	8.3	3.8	13.2	6.2	4.7	9.8
27.375	74.4	2	8:13 PM	85.5	6298	24.54	18.83	15.67	11.75	9.28	5.87	3.99	2.87	17	87.2	0.96	50.3	5,500	8.3	3.8	13.3	6.2	4.7	9.8
27.375	74.4	3	8:13 PM	85.5	8274	33.32	25.46	21.22	16.01	12.57	8	5.45	4.05	23	87.2	0.96	51.8	5,331	8.0	3.8	13.1	6.1	4.6	9.6
27.375	74.4	4	8:13 PM	85.5	8734	35.17	26.91	22.42	16.9	13.36	8.44	5.79	4.23	25	87.2	0.96	51.8	5,302	7.9	3.8	13.1	6.1	4.6	9.6
27.461	74.2	1	8:14 PM	85.0	6112	25.17	20.41	16.47	11.8	8.87	5.28	3.58	2.93	17	86.9	0.96	52.8	5,504	8.3	3.6	12.7	6.2	4.6	9.4
27.461	74.2	2	8:14 PM	85.0	6233	25.05	20.04	16.24	11.69	8.85	5.29	3.6	2.92	17	86.9	0.96	51.6	5,629	8.5	3.6	12.8	6.2	4.7	9.6
27.461	74.2	3	8:14 PM	85.0	8186	34.13	27.3	22.17	15.98	12.1	7.22	4.92	3.87	23	86.9	0.96	53.4	5,411	8.1	3.6	12.6	6.1	4.6	9.3
27.461	74.2	4	8:14 PM	85.0	8734	36.22	29.12	23.66	17.11	12.94	7.7	5.24	4.06	24	86.9	0.96	53.1	5,408	8.1	3.6	12.7	6.1	4.6	9.3
27.569	75.6	1	8:15 PM	84.0	5936	41.53	29	20.4	12.85	8.94	4.98	3.44	2.58	22	86.2	0.96	85.7	4,477	6.5	2.3	8.5	5.6	4.3	5.8
27.569	75.6	2	8:15 PM	84.0	6057	40.63	28.37	20.21	12.92	9.04	5.05	3.45	2.63	21	86.2	0.96	82.4	4,581	6.7	2.4	8.8	5.7	4.3	6.0
27.569	75.6	3	8:15 PM	84.0	7912	53.57	38.28	27.41	17.56	12.24	6.79	4.67	3.51	29	86.2	0.96	83.2	4,468	6.5	2.4	8.8	5.6	4.3	5.9
27.569	75.6	4	8:15 PM	84.0	8614	58.61	41.86	30.02	19.28	13.43	7.44	5.09	3.86	32	86.2	0.97	83.6	4,439	6.4	2.4	8.7	5.6	4.3	5.9
27.655	75.5	1	8:16 PM	83.5	6079	32.95	24.15	18.17	12.16	8.68	4.6	2.98	2.24	19	85.9	0.96	67.7	5,118	7.6	2.9	10.2	5.9	4.5	7.3
27.655	75.5	2	8:16 PM	83.5	6167	31.24	23.3	17.79	12.11	8.73	4.71	3.05	2.28	18	85.9	0.96	63.7	5,273	7.9	3.0	10.7	6.0	4.5	7.8
27.655	75.5	3	8:16 PM	83.5	8065	41.74	31.28	23.98	16.41	11.81	6.33	4.09	3.09	24	85.9	0.96	65.0	5,119	7.6	3.0	10.6	5.9	4.5	7.6
27.655	75.5	4	8:16 PM	83.5	8680	44.96	33.85	26.07	17.87	12.91	6.89	4.45	3.37	26	85.9	0.97	65.1	5,065	7.5	3.0	10.6	5.9	4.5	7.6

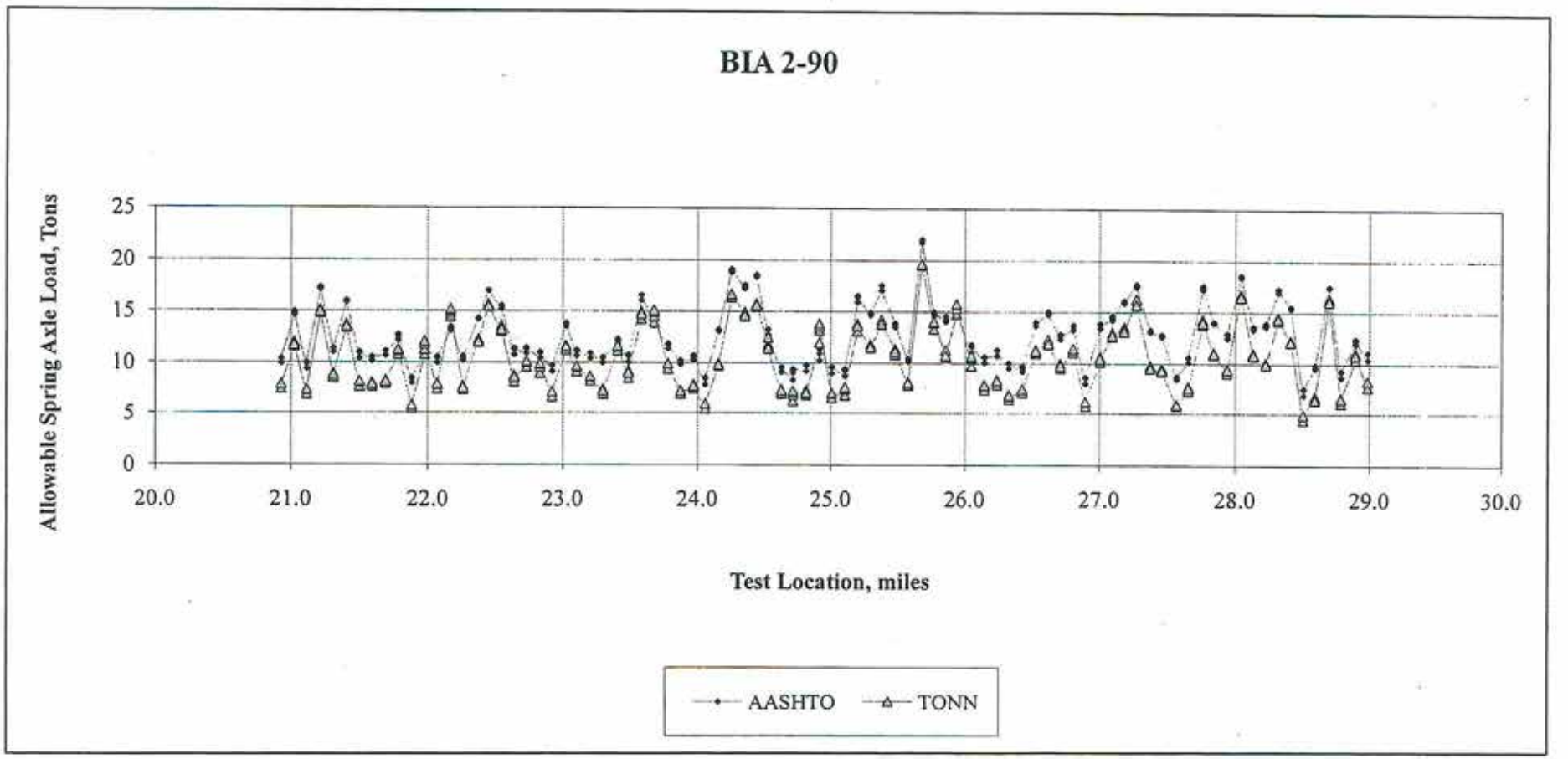
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27.761	74.9	2	8:17 PM	83.7	6408	16.09	13.98	12.12	9.55	7.76	4.98	3.32	2.37	12	86.0	0.96	34.6	6,781	10.6	4.7	17.6	6.7	5.0	14.3
27.761	74.9	3	8:17 PM	83.7	8460	21.85	18.74	16.24	12.85	10.43	6.69	4.45	3.15	16	86.0	0.96	35.4	6,669	10.4	4.6	17.4	6.6	5.0	14.0
27.761	74.9	4	8:17 PM	83.7	8910	22.93	19.74	17.16	13.54	11	7.06	4.7	3.34	17	86.0	0.96	35.3	6,656	10.4	4.7	17.4	6.6	5.0	14.0
27.842	75.8	1	8:17 PM	83.4	6211	21.33	17.3	14.2	10.34	7.93	4.7	3.24	2.64	15	85.8	0.96	45.2	6,327	9.8	3.9	13.9	6.4	4.8	11.0
27.842	75.8	2	8:17 PM	83.4	6222	21.04	16.89	13.91	10.24	7.88	4.82	3.28	2.56	14	85.8	0.96	44.6	6,387	9.9	3.9	14.1	6.4	4.8	11.1
27.842	75.8	3	8:17 PM	83.4	8252	28.37	22.84	18.83	13.83	10.62	6.32	4.35	3.41	19	85.8	0.96	45.2	6,285	9.7	3.9	14.0	6.4	4.8	10.9
27.842	75.8	4	8:17 PM	83.4	8855	30.31	24.55	20.22	14.87	11.4	6.74	4.65	3.74	21	85.8	0.96	45.0	6,288	9.7	3.9	14.0	6.4	4.8	11.0
27.941	76.7	1	8:18 PM	84.9	6134	26.07	20.74	16.74	12.16	9.3	5.48	3.55	2.71	17	86.8	0.96	54.4	5,283	7.9	3.6	12.5	6.1	4.6	9.1
27.941	76.7	2	8:18 PM	84.9	6309	25.42	20.2	16.46	12.35	9.34	5.53	3.54	2.48	16	86.8	0.96	51.8	5,444	8.2	3.7	13.0	6.2	4.6	9.6
27.941	76.7	3	8:18 PM	84.9	8252	33.74	27.06	22.03	16.29	12.46	7.4	4.72	3.34	22	86.8	0.96	52.5	5,343	8.0	3.7	12.9	6.1	4.6	9.4
27.941	76.7	4	8:18 PM	84.9	8855	36.03	28.92	23.61	17.44	13.41	7.93	5.12	3.66	23	86.8	0.96	52.3	5,335	8.0	3.7	13.0	6.1	4.6	9.5
28.043	77	1	8:19 PM	83.7	6661	13.96	11.91	10.22	7.94	6.41	3.92	2.46	1.64	10	86.0	0.96	29.7	8,575	14.1	4.7	18.4	7.0	5.2	16.7
28.043	77	2	8:19 PM	83.7	6540	13.59	11.74	10.07	7.9	6.33	3.91	2.46	1.68	10	86.0	0.96	29.5	8,516	14.0	4.7	18.6	7.0	5.2	16.8
28.043	77	3	8:19 PM	83.7	8625	18.31	15.64	13.46	10.62	8.46	5.29	3.31	2.32	13	86.0	0.96	30.0	8,409	13.8	4.7	18.4	7.0	5.2	16.5
28.043	77	4	8:19 PM	83.7	8943	18.96	16.25	14	11.03	8.91	5.51	3.46	2.41	14	86.0	0.96	30.0	8,266	13.5	4.7	18.6	6.9	5.2	16.5
28.132	76.7	1	8:20 PM	83.4	6397	22.3	17.32	13.79	9.77	7.48	4.69	3.36	2.65	14	85.8	0.96	45.7	6,750	10.6	3.6	13.4	6.4	4.8	10.8
28.132	76.7	2	8:20 PM	83.4	6277	21.37	16.71	13.34	9.56	7.37	4.67	3.39	2.63	13	85.8	0.96	44.8	6,768	10.6	3.7	13.6	6.4	4.8	11.0
28.132	76.7	3	8:20 PM	83.4	8285	28.67	22.56	18.06	12.9	9.98	6.27	4.58	3.56	18	85.8	0.96	45.5	6,612	10.3	3.7	13.6	6.4	4.8	10.9
28.132	76.7	4	8:20 PM	83.4	8745	30.3	23.83	19.11	13.7	10.59	6.67	4.88	3.81	19	85.8	0.96	45.5	6,584	10.2	3.7	13.6	6.4	4.8	10.9
28.227	76.7	1	8:21 PM	83.0	6408	24.44	20	16.72	12.52	9.88	5.95	4.04	3.04	16	85.6	0.97	49.8	5,308	7.9	3.9	13.6	6.2	4.7	9.9
28.227	76.7	2	8:21 PM	83.0	6266	23.29	19.28	16.16	12.2	9.69	5.91	4.03	3.08	16	85.6	0.97	48.7	5,308	7.9	4.0	14.0	6.2	4.7	10.2
28.227	76.7	3	8:21 PM	83.0	8274	31.44	25.98	21.84	16.48	12.92	7.89	5.26	3.93	22	85.6	0.97	49.6	5,250	7.8	4.0	13.7	6.2	4.7	10.0
28.227	76.7	4	8:21 PM	83.0	8800	33.52	27.61	23.22	17.59	13.82	8.41	5.63	4.24	23	85.6	0.97	49.8	5,223	7.8	4.0	13.7	6.2	4.7	9.9
28.318	76.7	1	8:22 PM	81.6	6562	16.43	13.51	11.55	9.04	7.43	4.99	3.53	2.56	12	84.7	0.97	34.8	7,296	11.6	4.5	17.0	6.7	5.0	14.2
28.318	76.7	2	8:22 PM	81.6	6496	15.79	13.15	11.18	8.87	7.3	4.97	3.58	2.67	11	84.7	0.97	34.0	7,339	11.7	4.6	17.3	6.8	5.1	14.6
28.318	76.7	3	8:22 PM	81.6	8383	20.81	17.31	14.83	11.77	9.68	6.59	4.64	3.37	15	84.7	0.97	34.6	7,139	11.3	4.6	17.2	6.7	5.0	14.3
28.318	76.7	4	8:22 PM	81.6	8855	21.87	18.19	15.57	12.32	10.19	6.91	4.91	3.71	16	84.7	0.97	34.4	7,162	11.3	4.6	17.3	6.7	5.0	14.4
28.412	76.3	1	8:23 PM	83.3	6298	19.17	15.55	13	10.04	8.19	5.39	3.61	2.52	13	85.7	0.97	40.8	6,326	9.8	4.2	15.4	6.5	4.9	12.1
28.412	76.3	2	8:23 PM	83.3	6266	18.78	15.11	12.67	9.85	8.08	5.33	3.64	2.66	13	85.7	0.97	40.3	6,422	9.9	4.3	15.5	6.5	4.9	12.3
28.412	76.3	3	8:23 PM	83.3	8208	24.95	20.3	17.06	13.28	10.87	7.2	4.89	3.53	17	85.7	0.97	40.8	6,250	9.6	4.3	15.5	6.5	4.9	12.1
28.412	76.3	4	8:23 PM	83.3	8866	26.87	21.82	18.37	14.37	11.69	7.74	5.25	3.8	19	85.7	0.97	40.7	6,279	9.7	4.3	15.5	6.5	4.9	12.2
28.506	74.9	1	8:24 PM	81.8	5827	53.3	34.01	22.54	12.79	9.21	5.32	3.81	3.15	24	84.8	0.97	111.3	3,864	5.5	1.7	6.9	5.3	4.1	4.4
28.506	74.9	2	8:24 PM	81.8	5882	48.54	32.28	22.02	12.97	9.27	5.43	3.88	3.27	23	84.8	0.97	101.1	4,058	5.8	1.9	7.5	5.4	4.1	4.9
28.506	74.9	3	8:24 PM	81.8	7659	62.87	42.89	29.38	17.41	12.74	7.33	4.56	2.88	30	84.8	0.97	100.6	3,948	5.6	2.0	7.6	5.4	4.1	4.9
28.506	74.9	4	8:24 PM	81.8	8394	68.63	47.61	33.01	19.72	13.74	7.94	5.61	4.38	34	84.8	0.97	100.2	3,991	5.7	2.0	7.6	5.4	4.1	4.9
28.593	75.1	1	8:25 PM	82.6	6397	38.63	28.3	20.22	13.93	10.41	6.31	4.26	3.22	22	85.3	0.97	75.5	4,528	6.6	2.7	9.6	5.7	4.3	6.6
28.593	75.1	2	8:25 PM	82.6	6178	35.85	27.11	19.54	13.65	10.26	6.34	4.32	3.33	21	85.3	0.97	72.8	4,531	6.6	2.9	9.9	5.7	4.4	6.8
28.593	75.1	3	8:25 PM	82.6	7857	48.35	35.9	26.52	18.51	13.81	8.44	5.63	4.22	28	85.3	0.97	76.9	4,278	6.2	2.8	9.6	5.7	4.3	6.4
28.593	75.1	4	8:25 PM	82.6	8526	52.41	40.46	29.18	20.28	15.11	9.22	6.18	4.56	30	85.3	0.97	76.9	4,257	6.1	2.8	9.7	5.7	4.3	6.4
28.698	76.1	1	8:26 PM	83.4	6606	14.33	11.99	9.86	7.51	6	3.69	2.39	1.72	9.3	85.7	0.96	30.5	9,042	15.0	4.4	17.5	7.0	5.2	16.2
28.698	76.1	2	8:26 PM	83.4	6529	13.91	11.66	9.57	7.31	5.81	3.61	2.34	1.68	9.1	85.7	0.96	30.1	9,228	15.4	4.4	17.6	7.0	5.3	16.4
28.698	76.1	3	8:26 PM	83.4	8471	18.53	15.67	12.88	9.87	7.85	4.87	3.18	2.26	12	85.7	0.96	30.8	8,871	14.7	4.4	17.5	7.0	5.2	16.1
28.698	76.1	4	8:26 PM	83.4	8899	19.46	16.39	13.49	10.34	8.21	5.11	3.35	2.37	13	85.7	0.96	30.8	8,908	14.7	4.4	17.5	7.0	5.2	16.1

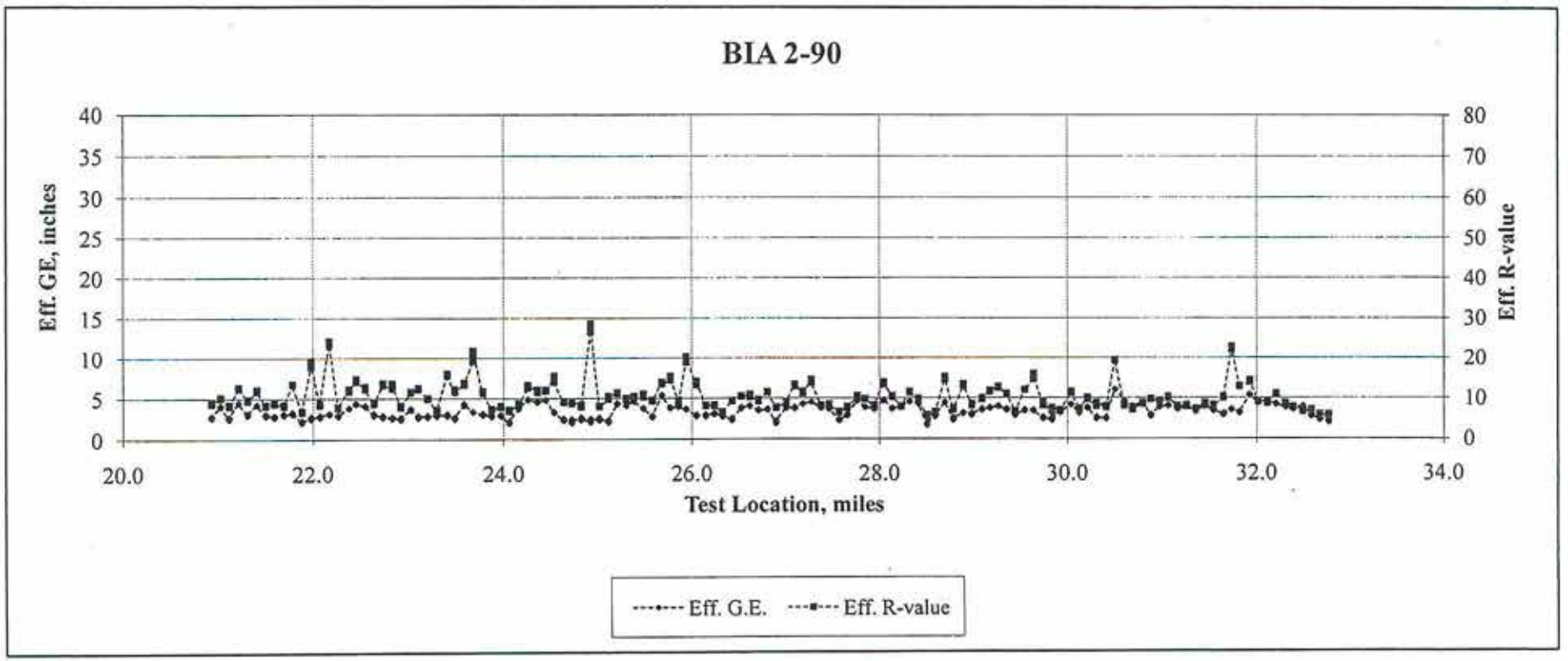
28.787	75.6	1	8:27 PM	82.8	5936	39.24	26.63	19.3	12.04	8.3	4.13	2.79	2.27	20	85.4	0.97	81.4	4,786	7.0	2.3	8.7	5.7	4.3	6.1
28.787	75.6	2	8:27 PM	82.8	5991	35.92	25.11	18.52	11.84	8.2	4.26	2.9	2.21	19	85.4	0.97	74.5	5,049	7.5	2.5	9.3	5.8	4.4	6.6
28.787	75.6	3	8:27 PM	82.8	7868	48.04	33.89	25.13	16.19	11.26	5.73	3.95	3.16	25	85.4	0.97	75.8	4,880	7.2	2.5	9.3	5.8	4.4	6.5
28.787	75.6	4	8:27 PM	82.8	8570	52.07	36.98	27.52	17.72	12.41	6.27	4.35	3.5	28	85.4	0.97	75.4	4,856	7.1	2.6	9.3	5.8	4.4	6.6
28.894	76.1	1	8:28 PM	82.5	6112	22.24	15.99	11.85	7.57	5.43	2.94	1.91	1.3	12	85.2	0.96	47.2	7,991	12.9	3.1	12.0	6.5	4.9	10.5
28.894	76.1	2	8:28 PM	82.5	6112	20.81	14.96	11.32	7.39	5.3	2.91	1.84	1.27	11	85.2	0.96	44.6	8,322	13.6	3.2	12.5	6.6	4.9	11.1
28.894	76.1	3	8:28 PM	82.5	8142	28.35	20.67	15.46	10.04	7.13	3.82	2.4	1.68	15	85.2	0.96	45.4	8,201	13.3	3.2	12.3	6.5	4.9	10.9
28.894	76.1	4	8:28 PM	82.5	8702	30.32	22.02	16.5	10.73	7.64	4.07	2.57	1.78	17	85.2	0.96	45.5	8,186	13.3	3.2	12.3	6.5	4.9	10.9
28.985	76.2	1	8:29 PM	84.2	5991	30.74	22.9	17.54	11.54	8.08	4.25	2.71	2.09	18	86.2	0.98	64.2	5,414	8.1	2.9	10.5	6.0	4.5	7.7
28.985	76.2	2	8:29 PM	84.2	6046	28.41	21.7	16.76	11.28	7.93	4.28	2.72	2.13	17	86.2	0.96	59.3	5,689	8.6	3.1	11.1	6.1	4.6	8.3
28.985	76.2	3	8:29 PM	84.2	8032	39.01	29.85	23.22	15.58	11.07	5.96	3.85	2.93	24	86.2	0.96	61.2	5,444	8.2	3.1	11.0	6.0	4.5	8.1
28.985	76.2	4	8:29 PM	84.2	8724	41.98	32.47	25.33	17.11	12.17	6.54	4.16	3.23	26	86.2	0.96	60.7	5,417	8.1	3.1	11.1	6.0	4.5	8.2
29.095	74.9	1	8:31 PM	84.1	6090	23.51	18.57	14.68	10.21	7.63	4.34	2.9	2.1	14	86.1	0.96	49.9	6,244	9.6	3.5	12.7	6.3	4.7	9.9
29.095	74.9	2	8:31 PM	84.1	6266	22.7	18.26	14.52	10.25	7.68	4.39	2.91	2.21	15	86.1	0.96	47.1	6,453	10.0	3.6	13.2	6.4	4.8	10.5
29.095	74.9	3	8:31 PM	84.1	8109	30.65	24.13	19.19	13.6	10.16	5.81	3.71	2.89	20	86.1	0.96	48.9	6,280	9.7	3.6	12.9	6.3	4.7	10.1
29.095	74.9	4	8:31 PM	84.1	8724	32.93	25.99	20.76	14.86	11.01	6.28	4.14	3.09	21	86.1	0.96	48.9	6,248	9.6	3.6	13.0	6.3	4.7	10.1
29.177	75.8	1	8:32 PM	82.9	6211	19.87	15.69	12.66	8.98	6.74	3.78	2.53	1.85	13	85.4	0.96	42.4	7,294	11.6	3.7	13.9	6.5	4.9	11.7
29.177	75.8	2	8:32 PM	82.9	6255	19.15	15.2	12.29	8.78	6.65	3.74	2.6	2.02	12	85.4	0.96	40.8	7,487	12.0	3.8	14.3	6.6	4.9	12.1
29.177	75.8	3	8:32 PM	82.9	8350	26.22	20.8	16.75	12.09	9.08	5.34	3.47	2.46	17	85.4	0.96	41.8	7,316	11.6	3.8	14.1	6.6	4.9	11.8
29.177	75.8	4	8:32 PM	82.9	8822	27.66	21.97	17.69	12.57	9.59	5.66	3.69	2.68	18	85.4	0.96	41.7	7,321	11.6	3.8	14.1	6.6	4.9	11.9
29.267	76.3	1	8:32 PM	83.4	6397	17.72	14.4	11.65	8.39	6.4	3.92	2.74	2.11	11	85.7	0.96	37.4	8,028	13.0	4.0	15.1	6.7	5.0	13.2
29.267	76.3	2	8:32 PM	83.4	6255	17.08	13.88	11.26	8.2	6.26	3.85	2.74	2.11	11	85.7	0.96	37.0	8,049	13.0	4.0	15.2	6.7	5.0	13.4
29.267	76.3	3	8:32 PM	83.4	8186	23.17	18.83	15.37	11.3	8.52	5.21	3.66	2.79	15	85.7	0.96	38.2	7,745	12.4	4.0	15.1	6.7	5.0	13.0
29.267	76.3	4	8:32 PM	83.4	8778	24.68	20.05	16.36	11.93	9.12	5.54	3.86	2.96	16	85.7	0.96	37.9	7,766	12.5	4.0	15.1	6.7	5.0	13.0
29.356	75.6	1	8:33 PM	83.6	6211	22.2	16.44	12.93	9.01	6.98	4.54	3.28	2.42	12	85.8	0.96	46.7	6,898	10.8	3.5	13.0	6.4	4.8	10.6
29.356	75.6	2	8:33 PM	83.6	6331	21.53	16.13	12.8	8.96	7.02	4.57	3.34	2.59	12	85.8	0.96	44.7	7,065	11.1	3.6	13.4	6.5	4.9	11.1
29.356	75.6	3	8:33 PM	83.6	8241	28.13	21.26	16.87	11.94	9.28	6.06	4.4	3.35	16	85.8	0.96	44.9	6,978	11.0	3.6	13.4	6.5	4.8	11.0
29.356	75.6	4	8:33 PM	83.6	8954	30.69	23.06	18.41	12.98	10.09	6.47	4.77	3.99	18	85.8	0.96	45.0	6,967	11.0	3.6	13.4	6.5	4.8	11.0
29.447	76.4	1	8:34 PM	83.4	6145	35.49	26.37	19.69	13.31	10.06	6.16	4.31	3.27	18	85.6	0.97	72.3	4,582	6.7	2.9	10.0	5.8	4.4	6.8
29.447	76.4	2	8:34 PM	83.4	6233	34.06	25.75	19.52	13.37	10.17	6.26	4.41	3.35	18	85.6	0.97	68.8	4,676	6.8	3.0	10.4	5.8	4.4	7.2
29.447	76.4	3	8:34 PM	83.4	8164	46.29	35.03	26.65	18.27	13.8	8.44	5.87	4.39	25	85.6	0.97	71.2	4,512	6.6	3.0	10.2	5.8	4.4	7.0
29.447	76.4	4	8:34 PM	83.4	8745	49.81	37.59	28.68	19.66	14.83	9.01	6.29	4.72	27	85.6	0.97	71.5	4,496	6.5	3.0	10.2	5.8	4.4	6.9
29.548	75.6	1	8:35 PM	86.5	6222	21.89	16.03	12.35	8.3	6.21	3.68	2.48	1.85	12	87.5	0.95	45.3	7,517	12.0	3.4	12.9	6.5	4.9	10.9
29.548	75.6	2	8:35 PM	86.5	6408	21.55	15.95	12.4	8.46	6.39	3.85	2.65	2	12	87.5	0.95	43.6	7,635	12.2	3.5	13.3	6.5	4.9	11.4
29.548	75.6	3	8:35 PM	86.5	8263	27.91	20.99	16.3	11.16	8.42	5.02	3.41	2.55	16	87.5	0.95	43.8	7,513	12.0	3.5	13.3	6.5	4.9	11.3
29.548	75.6	4	8:35 PM	86.5	8910	30.24	22.66	17.55	12.07	9.1	5.38	3.62	2.78	18	87.5	0.95	43.9	7,490	12.0	3.5	13.3	6.5	4.9	11.3
29.640	75.3	1	8:36 PM	84.2	6167	18.95	14.18	10.93	7.17	5.12	2.49	1.38	0.92	11	86.1	0.95	40.3	8,884	14.7	3.4	13.3	6.7	5.0	12.3
29.640	75.3	2	8:36 PM	84.2	6189	17.45	13.25	10.26	6.77	4.81	2.33	1.37	0.91	10	86.1	0.95	37.4	9,558	16.1	3.5	13.9	6.8	5.1	13.2
29.640	75.3	3	8:36 PM	84.2	8296	23.94	18.17	13.92	9.04	6.38	3.05	1.75	1.17	14	86.1	0.95	38.1	9,543	16.0	3.4	13.6	6.8	5.1	13.0
29.640	75.3	4	8:36 PM	84.2	8745	25.59	19.11	14.69	9.62	6.68	3.22	1.83	1.24	15	86.1	0.95	38.6	9,535	16.0	3.4	13.5	6.8	5.1	12.8
29.742	75.1	1	8:37 PM	83.3	5936	34.35	24.8	17.69	10.43	7.37	4.11	2.76	2.1	18	85.5	0.96	71.9	5,423	8.1	2.5	9.4	5.9	4.4	6.9
29.742	75.1	2	8:37 PM	83.3	5980	31.22	22.9	16.53	10.06	6.99	3.92	2.73	2.07	17	85.5	0.96	65.4	5,864	8.9	2.6	10.0	6.0	4.5	7.6
29.742	75.1	3	8:37 PM	83.3	7901	42.27	30.75	22.2	13.36	9.47	5.34	3.55	2.72	23	85.5	0.96	66.9	5,720	8.7	2.6	9.8	6.0	4.5	7.4
29.742	75.1	4	8:37 PM	83.3	8581	45.85	33.33	24.18	14.47	10.52	5.95	3.86	3	25	85.5	0.96	66.9	5,648	8.5	2.7	9.9	6.0	4.5	7.4

29.835	74.7	1	8:38 PM	83.9	6112	42.23	29.24	20.99	13.1	8.94	4.44	2.61	1.62	22	85.9	0.96	84.6	4,576	6.7	2.3	8.5	5.6	4.3	5.8
29.835	74.7	2	8:38 PM	83.9	6134	38.04	26.53	19.3	12.28	8.55	4.34	2.44	1.65	20	85.9	0.96	76.5	4,925	7.3	2.5	9.2	5.8	4.4	6.5
29.835	74.7	3	8:38 PM	83.9	8197	49.21	34.74	25.31	16.16	11.28	5.7	3.35	2.28	26	85.9	0.96	74.2	5,030	7.4	2.5	9.4	5.8	4.4	6.7
29.835	74.7	4	8:38 PM	83.9	8734	51.57	36.47	26.72	17.14	11.95	6.13	3.65	2.53	28	85.9	0.96	73.1	5,082	7.5	2.6	9.5	5.8	4.4	6.8
29.920	73.5	1	8:39 PM	83.2	5980	31.23	23.87	18.96	13.33	10.12	5.9	3.84	2.85	20	85.5	0.97	66.0	4,621	6.7	3.2	10.9	5.8	4.4	7.5
29.920	73.5	2	8:39 PM	83.2	6013	29.93	23.14	18.33	13.13	9.94	6.25	4	2.91	19	85.5	0.97	63.3	4,762	7.0	3.3	11.2	5.9	4.5	7.8
29.920	73.5	3	8:39 PM	83.2	7944	40.72	31.52	25.16	18.06	13.56	8.47	5.49	3.92	26	85.5	0.97	65.0	4,615	6.7	3.3	11.1	5.9	4.4	7.6
29.920	73.5	4	8:39 PM	83.2	8570	44.03	34.04	27.17	19.58	14.54	9.35	6.07	4.21	28	85.5	0.97	65.2	4,633	6.8	3.2	11.0	5.9	4.4	7.6
30.034	72.9	1	8:41 PM	83.2	6288	18.02	15	12.46	9.37	7.24	4.31	2.78	2.04	12	85.4	0.96	38.7	7,102	11.2	4.2	15.5	6.6	5.0	12.8
30.034	72.9	2	8:41 PM	83.2	6386	17.57	14.69	12.22	9.23	7.13	4.28	2.79	2.08	12	85.4	0.96	37.4	7,334	11.7	4.2	15.8	6.7	5.0	13.2
30.034	72.9	3	8:41 PM	83.2	8405	23.95	19.85	16.54	12.52	9.69	5.79	3.78	2.8	17	85.4	0.96	38.5	7,100	11.2	4.2	15.5	6.6	5.0	12.9
30.034	72.9	4	8:41 PM	83.2	8987	25.51	21.25	17.74	13.44	10.38	6.14	4.02	3.13	18	85.4	0.96	38.4	7,091	11.2	4.2	15.6	6.6	5.0	12.9
30.122	72.8	1	8:42 PM	82.0	6057	30.99	24.13	18.8	12.85	9.58	5.51	3.81	2.94	19	84.7	0.97	65.0	4,877	7.2	3.1	10.8	5.9	4.5	7.6
30.122	72.8	2	8:42 PM	82.0	6112	29.73	23.38	18.39	12.72	9.6	5.61	3.89	2.93	19	84.7	0.97	62.1	4,974	7.4	3.3	11.2	5.9	4.5	8.0
30.122	72.8	3	8:42 PM	82.0	8087	40.63	31.98	25.16	17.39	13.1	7.61	5.18	3.85	26	84.7	0.98	64.0	4,821	7.1	3.2	11.0	5.9	4.5	7.7
30.122	72.8	4	8:42 PM	82.0	8625	43.39	34.2	26.89	18.65	14.05	8.1	5.56	4.24	27	84.7	0.98	64.0	4,799	7.1	3.2	11.1	5.9	4.5	7.7
30.209	73.6	1	8:43 PM	80.9	6375	21.94	17.3	14.04	10.06	7.83	4.72	3.26	2.48	14	84.0	0.98	45.7	6,522	10.1	3.7	13.6	6.4	4.8	10.8
30.209	73.6	2	8:43 PM	80.9	6309	21.26	17.01	13.85	10.1	7.83	4.75	3.32	2.52	14	84.0	0.98	44.9	6,497	10.1	3.8	13.9	6.4	4.8	11.0
30.209	73.6	3	8:43 PM	80.9	8307	29.34	23.13	18.87	13.83	10.67	6.49	4.5	3.43	19	84.0	0.98	46.8	6,261	9.6	3.7	13.5	6.3	4.8	10.6
30.209	73.6	4	8:43 PM	80.9	8713	30.49	24.18	19.72	14.38	11.16	6.78	4.73	3.61	20	84.0	0.98	46.4	6,287	9.7	3.8	13.6	6.4	4.8	10.7
30.304	72.9	1	8:43 PM	80.4	6123	35.79	23.4	17.26	10.68	7.8	4.33	2.74	1.89	17	83.7	0.98	73.5	5,320	8.0	2.4	9.2	5.9	4.4	6.7
30.304	72.9	2	8:43 PM	80.4	6167	32.48	21.8	16.19	10.28	7.5	4.21	2.67	1.93	16	83.7	0.98	66.8	5,708	8.6	2.6	9.9	6.0	4.5	7.4
30.304	72.9	3	8:43 PM	80.4	8208	42.86	29.23	21.73	13.85	10.02	5.64	3.65	2.69	21	83.7	0.98	66.3	5,715	8.7	2.7	9.9	6.0	4.5	7.5
30.304	72.9	4	8:43 PM	80.4	8811	45.59	31.19	23.24	14.72	10.65	6.19	3.93	2.81	23	83.7	0.98	65.8	5,771	8.8	2.7	10.0	6.0	4.5	7.5
30.405	73.8	1	8:44 PM	79.8	6002	35.33	24.84	17.31	11.16	7.91	4.53	3.11	2.42	18	83.3	0.98	74.2	5,201	7.7	2.5	9.2	5.8	4.4	6.7
30.405	73.8	2	8:44 PM	79.8	6024	34.35	23.71	16.74	10.91	7.87	4.53	3.12	2.44	18	83.3	0.98	72.1	5,297	7.9	2.5	9.4	5.9	4.4	6.9
30.405	73.8	3	8:44 PM	79.8	7966	46.4	32.64	23.3	15.26	10.88	6.26	4.35	3.43	24	83.3	0.98	73.6	5,115	7.6	2.5	9.4	5.8	4.4	6.7
30.405	73.8	4	8:44 PM	79.8	8570	49.45	35.26	25.38	16.41	11.83	6.81	4.8	3.72	27	83.3	0.98	72.9	5,102	7.6	2.6	9.5	5.8	4.4	6.8
30.499	72.6	1	8:45 PM	81.7	6573	6.56	5.87	5.42	4.83	4.37	3.48	2.76	2.2	5.2	84.5	0.97	17.4	11,019	19.1	6.0	27.8	7.7	5.8	28.4
30.499	72.6	2	8:45 PM	81.7	6672	6.61	5.85	5.44	4.9	4.42	3.48	2.71	2.21	5.2	84.5	0.97	17.3	11,028	19.1	6.1	27.9	7.7	5.8	28.5
30.499	72.6	3	8:45 PM	81.7	8866	8.72	7.74	7.24	6.42	5.81	4.64	3.65	2.96	6.9	84.5	0.97	17.3	11,178	19.5	6.0	27.9	7.7	5.8	28.7
30.499	72.6	4	8:45 PM	81.7	9009	8.77	7.86	7.32	6.47	5.88	4.72	3.72	3.02	7	84.5	0.97	17.2	11,173	19.5	6.1	28.0	7.7	5.8	28.9
30.599	73.6	1	8:46 PM	82.1	6167	18.71	16.56	14.33	11.49	9.3	6.19	4.11	2.97	15	84.7	0.98	41.1	5,423	8.1	4.6	16.4	6.4	4.8	12.0
30.599	73.6	2	8:46 PM	82.1	6178	18.33	16.09	13.98	11.24	9.2	6.11	4.1	2.92	14	84.7	0.98	40.3	5,483	8.2	4.7	16.6	6.4	4.8	12.3
30.599	73.6	3	8:46 PM	82.1	8175	24.85	21.76	19	15.33	12.53	8.3	5.51	3.93	20	84.7	0.98	41.2	5,323	8.0	4.6	16.5	6.3	4.8	12.0
30.599	73.6	4	8:46 PM	82.1	8778	26.81	23.44	20.37	16.51	13.44	8.95	6.01	4.2	21	84.7	0.98	41.3	5,334	8.0	4.6	16.4	6.3	4.8	12.0
30.687	73.9	1	8:47 PM	81.7	6167	24.78	20.81	17.36	13.13	10.31	6.35	4.21	3.06	17	84.4	0.98	52.5	4,910	7.2	3.9	13.4	6.1	4.6	9.4
30.687	73.9	2	8:47 PM	81.7	6123	24.17	20.21	16.92	12.91	10.17	6.31	4.23	3.11	17	84.4	0.98	51.7	4,947	7.3	4.0	13.5	6.1	4.6	9.6
30.687	73.9	3	8:47 PM	81.7	8076	32.63	27.29	22.93	17.4	13.76	8.43	5.64	4.06	23	84.4	0.98	52.8	4,823	7.1	3.9	13.4	6.1	4.6	9.4
30.687	73.9	4	8:47 PM	81.7	8691	35.14	29.35	24.67	18.83	14.76	9.07	6.01	4.35	25	84.4	0.98	52.8	4,837	7.1	3.9	13.4	6.1	4.6	9.4
30.795	74.7	1	8:48 PM	81.3	6474	19.65	16.99	14.59	11.35	9.19	5.87	3.99	2.85	14	84.2	0.96	41.1	5,804	8.8	4.4	15.9	6.4	4.8	12.0
30.795	74.7	2	8:48 PM	81.3	6309	19.18	16.59	14.25	11.2	9.03	5.79	4	2.88	14	84.2	0.98	41.2	5,753	8.7	4.4	15.9	6.4	4.8	12.0
30.795	74.7	3	8:48 PM	81.3	8307	25.74	22.37	19.27	15.06	12.18	7.82	5.28	3.77	19	84.2	0.98	41.9	5,612	8.5	4.4	15.8	6.4	4.8	11.8
30.795	74.7	4	8:48 PM	81.3	8767	27.04	23.56	20.24	15.93	12.82	8.24	5.53	3.98	20	84.2	0.98	41.7	5,627	8.5	4.5	15.9	6.4	4.8	11.9

30.879	74.6	1	8:49 PM	81.9	6112	28.89	20.92	15.73	9.13	6.85	4.43	3.33	2.63	15	84.5	0.97	60.3	6,261	9.6	2.8	10.5	6.1	4.6	8.2
30.879	74.6	2	8:49 PM	81.9	6200	28.06	20.39	15.42	9.27	7.02	4.54	3.5	2.81	15	84.5	0.97	58.0	6,330	9.8	2.9	10.9	6.2	4.6	8.5
30.879	74.6	3	8:49 PM	81.9	8252	36.92	27.55	20.82	12.53	9.41	6.09	4.33	3.39	20	84.5	0.97	57.4	6,330	9.8	2.9	11.0	6.2	4.6	8.6
30.879	74.6	4	8:49 PM	81.9	8778	39.23	29.35	22.17	13.36	10	6.48	4.7	3.68	21	84.5	0.97	57.4	6,337	9.8	2.9	11.0	6.2	4.6	8.6
30.972	74.4	1	8:50 PM	82.1	6244	22.2	18.33	15.06	10.99	8.47	5.13	3.41	2.52	15	84.6	0.97	47.0	5,962	9.1	3.9	13.7	6.3	4.8	10.5
30.972	74.4	2	8:50 PM	82.1	6156	21.74	17.48	14.43	10.62	8.24	5.04	3.39	2.58	15	84.6	0.97	46.7	6,056	9.3	3.8	13.8	6.3	4.8	10.6
30.972	74.4	3	8:50 PM	82.1	8208	29.16	23.72	19.62	14.46	11.24	6.85	4.57	3.4	20	84.6	0.97	46.9	5,936	9.1	3.9	13.8	6.3	4.7	10.5
30.972	74.4	4	8:50 PM	82.1	8822	31.33	25.5	21.09	15.5	12.11	7.4	4.93	3.65	21	84.6	0.97	46.9	5,925	9.0	3.9	13.8	6.3	4.7	10.6
31.061	73.6	1	8:51 PM	80.8	6244	20.04	16.62	13.69	10.19	7.95	4.82	3.21	2.41	14	83.8	0.98	43.1	6,412	9.9	4.0	14.5	6.4	4.8	11.5
31.061	73.6	2	8:51 PM	80.8	6364	19.79	16.35	13.48	10.04	7.87	4.81	3.23	2.43	13	83.8	0.98	42.0	6,605	10.3	4.0	14.7	6.5	4.9	11.8
31.061	73.6	3	8:51 PM	80.8	8427	27.25	22.27	18.42	13.81	10.77	6.56	4.39	3.28	18	83.8	0.98	43.4	6,385	9.9	4.0	14.4	6.4	4.8	11.4
31.061	73.6	4	8:51 PM	80.8	8888	28.61	23.48	19.42	14.57	11.37	6.94	4.65	3.45	20	83.8	0.98	43.3	6,384	9.9	4.0	14.5	6.4	4.8	11.4
31.158	72.3	1	8:52 PM	80.4	6255	26.1	21.27	17.4	12.46	9.36	5.43	3.57	2.66	17	83.6	0.98	54.4	5,359	8.0	3.6	12.4	6.1	4.6	9.1
31.158	72.3	2	8:52 PM	80.4	6200	25.11	20.76	17.04	12.33	9.28	5.43	3.59	2.69	17	83.6	0.98	53.0	5,391	8.1	3.7	12.7	6.1	4.6	9.3
31.158	72.3	3	8:52 PM	80.4	8032	34.06	27.61	22.71	16.44	12.39	7.27	4.74	3.54	22	83.6	0.98	55.2	5,214	7.8	3.6	12.4	6.1	4.6	9.0
31.158	72.3	4	8:52 PM	80.4	8789	37.4	30.35	24.96	18.06	13.6	7.97	5.22	3.88	25	83.6	0.98	55.4	5,198	7.7	3.6	12.4	6.1	4.6	8.9
31.254	72.7	1	8:53 PM	81.3	6441	23.92	20.48	17.07	12.48	9.55	5.63	3.63	2.61	18	84.1	0.98	49.0	5,511	8.3	3.9	13.7	6.2	4.7	10.1
31.254	72.7	2	8:53 PM	81.3	6266	23.23	19.67	16.4	12.06	9.33	5.56	3.6	2.63	17	84.1	0.98	48.9	5,492	8.3	3.9	13.7	6.2	4.7	10.1
31.254	72.7	3	8:53 PM	81.3	8142	31.1	26.7	22.3	16.46	12.7	7.53	4.85	3.47	23	84.1	0.98	50.2	5,253	7.8	3.9	13.6	6.2	4.7	9.9
31.254	72.7	4	8:53 PM	81.3	8713	33.3	28.56	23.91	17.66	13.69	8.09	5.28	3.83	25	84.1	0.98	50.3	5,218	7.8	3.9	13.6	6.2	4.6	9.8
31.351	73.8	1	8:53 PM	80.3	6090	29.5	23.43	18.54	13.15	9.94	6.23	4.35	3.34	19	83.5	0.98	62.4	4,841	7.1	3.3	11.3	5.9	4.5	7.9
31.351	73.8	2	8:53 PM	80.3	6123	28.43	22.36	17.84	12.86	9.82	6.19	4.28	3.33	18	83.5	0.98	60.0	4,957	7.3	3.4	11.6	6.0	4.5	8.2
31.351	73.8	3	8:53 PM	80.3	8065	38.46	30.31	24.2	17.38	13.26	8.13	5.93	4.44	24	83.5	0.98	61.5	4,834	7.1	3.4	11.5	5.9	4.5	8.1
31.351	73.8	4	8:53 PM	80.3	8713	41.5	32.93	26.35	18.92	14.43	8.84	6.37	4.81	26	83.5	0.98	61.4	4,808	7.1	3.4	11.5	5.9	4.5	8.1
31.450	74.2	1	8:54 PM	81.7	6200	22.07	18.31	15.04	11.31	8.8	5.49	3.75	2.72	15	84.3	0.98	47.1	5,756	8.7	3.9	13.9	6.3	4.7	10.5
31.450	74.2	2	8:54 PM	81.7	6101	21.1	17.53	14.48	10.92	8.62	5.44	3.77	2.83	15	84.3	0.98	46.0	5,799	8.8	4.0	14.2	6.3	4.8	10.8
31.450	74.2	3	8:54 PM	81.7	8076	28.7	23.83	19.65	14.89	11.64	7.29	5.09	3.81	20	84.3	0.98	47.1	5,680	8.6	4.0	14.0	6.3	4.7	10.5
31.450	74.2	4	8:54 PM	81.7	8658	30.74	25.5	21.05	15.93	12.48	7.82	5.44	4.05	21	84.3	0.98	47.0	5,680	8.6	4.0	14.0	6.3	4.7	10.5
31.539	75.4	1	8:55 PM	81.8	6101	27.1	21.2	16.87	11.84	8.98	5.24	3.42	2.56	17	84.4	0.98	57.3	5,345	8.0	3.4	11.8	6.1	4.6	8.6
31.539	75.4	2	8:55 PM	81.8	6189	25.86	20.33	16.32	11.63	8.96	5.29	3.49	2.62	17	84.4	0.98	54.2	5,496	8.3	3.5	12.3	6.1	4.6	9.1
31.539	75.4	3	8:55 PM	81.8	8241	35.51	28.04	22.57	16.19	12.28	7.2	4.7	3.52	23	84.4	0.98	55.8	5,337	8.0	3.5	12.2	6.1	4.6	8.9
31.539	75.4	4	8:55 PM	81.8	8724	37.72	29.81	23.97	17.26	13.12	7.69	5	3.75	25	84.4	0.98	55.9	5,295	7.9	3.5	12.2	6.1	4.6	8.9
31.646	76	1	8:56 PM	80.5	6134	27.33	22.81	12.75	9	6.86	4.28	3.02	2.37	16	83.6	0.98	57.5	6,417	9.9	2.9	10.9	6.2	4.6	8.6
31.646	76	2	8:56 PM	80.5	6178	25.59	21.41	12.57	8.89	6.83	4.28	3.04	2.34	15	83.6	0.98	53.9	6,642	10.4	3.1	11.4	6.3	4.7	9.2
31.646	76	3	8:56 PM	80.5	8197	34.46	28.65	17.19	12.1	9.26	5.82	4.16	3.22	21	83.6	0.98	54.6	6,516	10.1	3.1	11.4	6.2	4.7	9.1
31.646	76	4	8:56 PM	80.5	8745	36.57	30.35	18.38	12.92	9.9	6.22	4.48	3.43	22	83.6	0.98	54.4	6,520	10.1	3.1	11.4	6.2	4.7	9.1
31.731	76	1	8:57 PM	80.6	6288	14.03	10.48	8.06	5.36	3.74	1.91	1.18	0.82	8.3	83.6	0.96	31.5	12,339	22.0	3.5	14.5	7.1	5.4	15.7
31.731	76	2	8:57 PM	80.6	6266	13.42	10.04	7.76	5.14	3.62	1.88	1.19	0.84	8	83.6	0.96	30.4	12,759	22.9	3.5	14.8	7.2	5.4	16.3
31.731	76	3	8:57 PM	80.6	8307	17.88	13.38	10.38	6.95	4.91	2.59	1.61	1.16	11	83.6	0.96	30.6	12,550	22.4	3.6	14.8	7.2	5.4	16.2
31.731	76	4	8:57 PM	80.6	8855	18.79	14.19	11.01	7.39	5.23	2.74	1.76	1.27	11	83.6	0.96	30.2	12,620	22.6	3.6	15.0	7.2	5.4	16.4
31.817	72.7	1	8:58 PM	79.0	6266	22.22	19.14	14.63	7.52	5.78	3.59	2.62	2.05	13	82.6	0.98	47.2	7,885	12.7	3.1	12.1	6.5	4.9	10.5
31.817	72.7	2	8:58 PM	79.0	6277	21.13	18.19	14.01	7.5	5.75	3.59	2.61	2.05	12	82.6	0.98	45.1	8,072	13.1	3.2	12.5	6.5	4.9	11.0
31.817	72.7	3	8:58 PM	79.0	8339	28.65	24.62	18.84	10.25	7.85	4.86	3.54	2.8	17	82.6	0.98	45.9	7,875	12.7	3.2	12.4	6.5	4.9	10.8
31.817	72.7	4	8:58 PM	79.0	8833	30.37	26	19.9	10.85	8.27	5.17	3.76	2.89	18	82.6	0.98	46.0	7,900	12.8	3.2	12.4	6.5	4.9	10.8

31.925	71.2	1	8:59 PM	78.0	6540	10.65	9.46	8.45	7.09	6.08	4.35	3.18	2.41	8.5	82.0	0.99	25.1	8,511	14.0	5.3	21.9	7.1	5.4	19.7
31.925	71.2	2	8:59 PM	78.0	6704	10.56	9.35	8.37	7.05	6.06	4.33	3.17	2.39	8.4	82.0	0.99	24.5	8,738	14.4	5.4	22.1	7.2	5.4	20.2
31.925	71.2	3	8:59 PM	78.0	8724	13.81	12.3	11.01	9.26	7.95	5.69	4.15	3.11	11	82.0	0.99	24.6	8,657	14.2	5.4	22.1	7.2	5.4	20.1
31.925	71.2	4	8:59 PM	78.0	9119	14.7	12.8	11.47	9.67	8.28	5.93	4.33	3.27	12	82.0	0.99	24.9	8,752	14.4	5.3	21.7	7.2	5.4	19.8
32.015	69.9	1	9:00 PM	77.9	6255	19.06	16.46	14.17	10.96	8.81	5.67	4.03	3.17	14	82.0	0.99	41.8	5,855	8.9	4.3	15.6	6.4	4.8	11.8
32.015	69.9	2	9:00 PM	77.9	6233	18.55	15.93	13.75	10.61	8.67	5.65	4.05	3.17	14	82.0	0.99	41.0	5,923	9.0	4.4	15.8	6.4	4.8	12.1
32.015	69.9	3	9:00 PM	77.9	8307	24.93	21.35	18.44	14.48	11.52	7.46	5.24	3.93	18	82.0	0.99	41.3	5,947	9.1	4.4	15.7	6.4	4.8	12.0
32.015	69.9	4	9:00 PM	77.9	8756	26.25	22.49	19.42	15.06	12.15	7.87	5.5	4.18	19	82.0	0.99	41.2	5,943	9.1	4.4	15.7	6.4	4.8	12.0
32.114	67.9	1	9:01 PM	78.5	6485	18.06	15.78	13.89	11.16	8.92	5.89	4.02	2.99	13	82.3	0.99	38.7	5,951	9.1	4.6	16.7	6.5	4.9	12.8
32.114	67.9	2	9:01 PM	78.5	6320	17.69	15.5	13.69	10.87	8.88	5.86	4.04	3.04	13	82.3	0.99	38.8	5,811	8.8	4.6	16.8	6.5	4.9	12.7
32.114	67.9	3	9:01 PM	78.5	8285	23.5	20.85	18.37	14.3	11.91	7.93	5.14	3.7	18	82.3	0.99	39.3	5,670	8.6	4.7	16.8	6.4	4.8	12.6
32.114	67.9	4	9:01 PM	78.5	8811	24.96	22.02	19.43	15.31	12.59	8.37	5.46	3.88	19	82.3	0.99	39.2	5,710	8.6	4.7	16.8	6.4	4.9	12.6
32.206	69.7	1	9:02 PM	78.5	6386	17.79	14.27	11.93	9.26	7.44	4.14	3.07	2.38	12	82.3	0.98	38.6	7,049	11.1	4.2	15.6	6.6	5.0	12.8
32.206	69.7	2	9:02 PM	78.5	6364	17.69	14.09	11.79	9.19	7.41	4.19	3.06	2.4	12	82.3	0.98	38.5	7,054	11.1	4.2	15.6	6.6	5.0	12.9
32.206	69.7	3	9:02 PM	78.5	8416	23.44	18.92	15.85	12.37	9.98	5.7	4.17	3.15	16	82.3	0.99	38.6	6,935	10.9	4.2	15.7	6.6	4.9	12.8
32.206	69.7	4	9:02 PM	78.5	8877	24.75	19.86	16.65	13	10.44	5.93	4.35	3.31	16	82.3	0.98	38.6	6,988	11.0	4.2	15.6	6.6	5.0	12.8
32.309	69.7	1	9:03 PM	77.9	6430	23.69	19.39	16.22	12.05	9.23	5.41	3.52	2.67	16	81.9	0.99	49.2	5,673	8.6	3.8	13.4	6.2	4.7	10.1
32.309	69.7	2	9:03 PM	77.9	6485	23.24	19.06	15.96	11.88	9.19	5.4	3.51	2.65	16	81.9	0.99	48.0	5,759	8.7	3.9	13.7	6.3	4.7	10.3
32.309	69.7	3	9:03 PM	77.9	8548	31.55	25.93	21.74	16.25	12.56	7.37	4.77	3.51	22	81.9	0.99	49.3	5,559	8.4	3.9	13.5	6.2	4.7	10.0
32.309	69.7	4	9:03 PM	77.9	8899	33	27.09	22.73	16.99	13.14	7.71	4.97	3.63	23	81.9	0.99	49.5	5,532	8.3	3.8	13.5	6.2	4.7	10.0
32.389	69.8	1	9:04 PM	78.4	6156	26.11	21.21	17.26	12.65	9.62	5.74	3.94	2.97	17	82.2	0.99	55.7	5,160	7.7	3.6	12.3	6.1	4.6	8.9
32.389	69.8	2	9:04 PM	78.4	6255	25.57	20.99	17.14	12.67	9.69	5.81	3.95	2.95	16	82.2	0.99	53.9	5,232	7.8	3.7	12.7	6.1	4.6	9.2
32.389	69.8	3	9:04 PM	78.4	8252	34.69	28.6	23.43	17.32	13.2	7.87	5.33	3.97	22	82.2	0.99	55.3	5,071	7.5	3.6	12.5	6.1	4.6	9.0
32.389	69.8	4	9:04 PM	78.4	8756	36.94	30.48	24.96	18.47	14.11	8.37	5.66	4.22	24	82.2	0.99	55.4	5,037	7.5	3.7	12.5	6.0	4.6	8.9
32.494	69.9	1	9:05 PM	78.3	6485	25.93	21.3	17.84	13.85	11.15	7.08	4.71	3.37	18	82.1	0.99	52.9	4,817	7.1	3.9	13.4	6.1	4.6	9.4
32.494	69.9	2	9:05 PM	78.3	6277	25.44	20.81	17.48	13.59	10.95	6.98	4.67	3.34	17	82.1	0.99	53.6	4,747	7.0	3.9	13.3	6.0	4.6	9.2
32.494	69.9	3	9:05 PM	78.3	8142	34.02	28.09	23.59	18.38	14.74	9.33	6.12	4.36	23	82.1	0.99	55.1	4,573	6.7	3.9	13.1	6.0	4.5	9.0
32.494	69.9	4	9:05 PM	78.3	8734	36.9	30.21	25.37	19.75	15.85	10	6.56	4.63	25	82.1	0.99	55.6	4,534	6.6	3.9	13.0	6.0	4.5	8.9
32.584	70.6	1	9:06 PM	77.3	6090	34.75	25.49	18.8	12.79	9.36	5.96	4.52	3.57	19	81.5	0.99	73.1	4,794	7.0	2.7	9.7	5.8	4.4	6.8
32.584	70.6	2	9:06 PM	77.3	6057	32.83	24.39	18.29	12.64	9.47	6.14	4.48	3.54	18	81.5	0.99	69.7	4,826	7.1	2.9	10.1	5.8	4.4	7.1
32.584	70.6	3	9:06 PM	77.3	7977	44.19	32.99	24.65	17.04	12.59	8.02	5.92	4.6	25	81.5	0.99	71.1	4,761	7.0	2.8	10.0	5.8	4.4	7.0
32.584	70.6	4	9:06 PM	77.3	8625	47.57	35.76	26.49	17.95	13.75	8.92	6.28	4.97	27	81.5	0.99	70.9	4,736	6.9	2.9	10.0	5.8	4.4	7.0
32.672	70.6	1	9:07 PM	77.2	5991	41.99	30.3	22.21	14.2	10.27	6.19	4.54	3.58	23	81.4	0.99	88.4	4,144	6.0	2.4	8.5	5.5	4.2	5.6
32.672	70.6	2	9:07 PM	77.2	5892	39.81	28.9	21.59	14.17	10.37	6.33	4.56	3.58	22	81.4	0.99	85.5	4,135	5.9	2.5	8.8	5.6	4.2	5.8
32.672	70.6	3	9:07 PM	77.2	7747	53.31	39.06	29.27	19.1	13.95	8.45	5.95	4.62	30	81.4	0.99	86.9	4,048	5.8	2.5	8.7	5.5	4.2	5.7
32.672	70.6	4	9:07 PM	77.2	8471	58.35	43.23	32.08	20.95	15.26	9.27	6.62	5.2	33	81.4	0.99	87.0	4,046	5.8	2.5	8.7	5.5	4.2	5.7
32.769	70.7	1	9:08 PM	76.8	5903	46.23	31.18	21.61	13.6	9.83	5.87	4.17	3.28	23	81.2	0.99	98.2	4,027	5.8	2.0	7.7	5.4	4.1	5.0
32.769	70.7	2	9:08 PM	76.8	5947	42.89	29.65	21.2	13.69	10.01	6	4.19	3.28	22	81.2	0.99	90.9	4,143	5.9	2.3	8.3	5.5	4.2	5.4
32.769	70.7	3	9:08 PM	76.8	7890	58.05	40.7	29.15	18.82	13.72	8.1	5.67	4.35	30	81.2	0.99	92.6	4,030	5.8	2.3	8.2	5.5	4.2	5.3
32.769	70.7	4	9:08 PM	76.8	8537	63.02	44.46	31.96	20.59	15.02	8.89	6.2	4.74	33	81.2	0.99	92.9	3,997	5.7	2.3	8.2	5.5	4.2	5.3


BIA 2-90
Allowable Spring Axle Load, Tons
25
20
15
10
5
0
20.0
21.0
22.0
23.0
24.0
25.0
26.0
27.0
28.0
29.0
30.0
Test Location, miles
AASHTO
TONN


BIA 2-90
Eff. GE, inches
Eff. R-value
40
35
30
25
20
15
10
5
0
80
70
60
50
40
30
20
10
0
20.0
22.0
24.0
26.0
28.0
30.0
32.0
34.0
Test Location, miles
Eff. G.E.
Eff. R-value

County:	Pine Ridge Reservation
Date Tested:	6/18/2008
Julian:	170
Highway	BIA 2-110
From:	Bridge A029
To:	1.4 Miles E
Dir	4
Prev Day Temp	75 °F
Bit. Thickness	5.6 inches
Daily ESALs	6.6
Annual Growth	2.50%
Design Period	20 years
Proj. Factor	1.64
Growth Factor	25.54
Design ESALs	61,537
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.25

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	1500
	0	7.87	11.8	17.7	23.6	35	47.2	59.1
	0	7.87	11.8	17.7	23.6	35	47.2	59.1
	30.56	21.80	16.18	10.92	8.14	4.92	3.41	2.61
	1.00	0.71	0.53	0.36	0.27	0.16	0.11	0.09

1.3

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

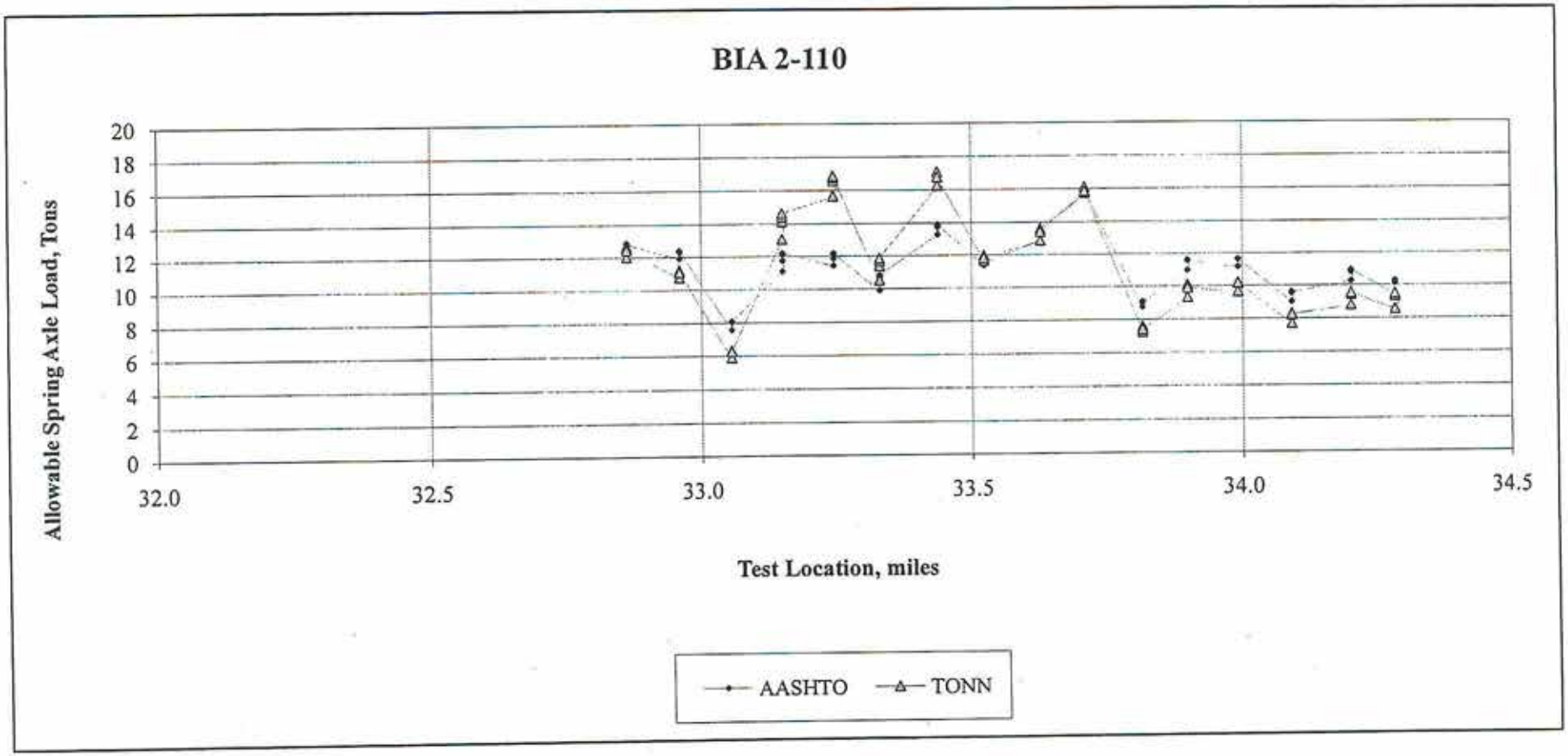
Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

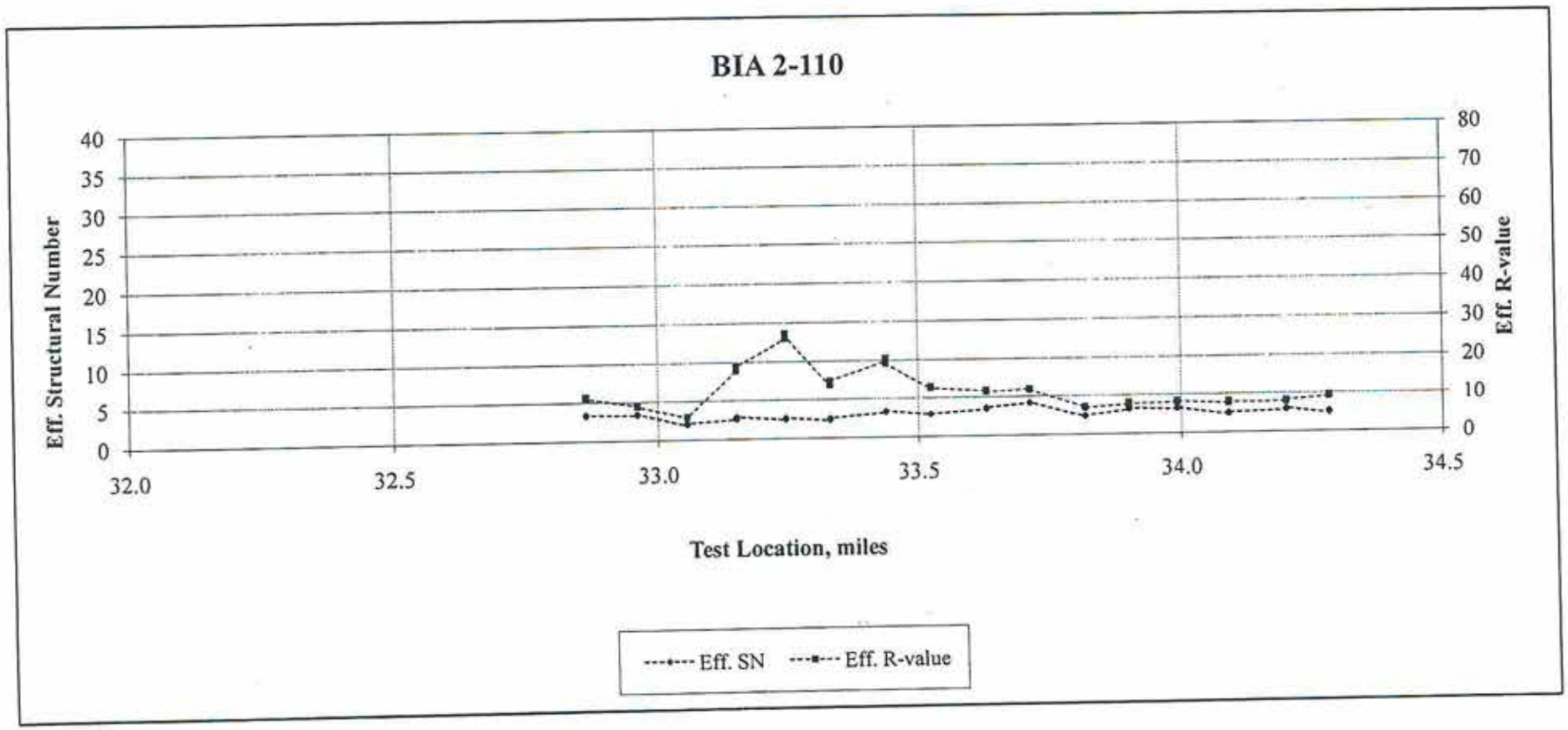
Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

Summary of Analysis Results								
					Axle Load for Design Defl. Tons			
	$_sBB_{80}$ mils	Esg psi	Eff. R-val	Effective SN	AASHTO	S.F	Inv. 183	TONN Tons
Avg. =	55.2	7,358	11.9	3.0	11.5	6.3	4.7	11.5
Median =	52.48	6,646	10.4	2.9	11.5	6.3	4.7	11.1
Std.Dev. =	16.21	2,715	5.4	0.5	1.9	0.4	0.3	3.1
85th % =	37.02	5,201	7.7	2.5	9.5	5.9	4.4	8.2

Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	Pvm't. Temp. °F	Temp. Adj Fact.	Peak Spring Defl. mils	Spring Subgrade Modulus psi	Effective Values R-value	Effective Values SN	Calculated Spring Axle Load to Achive Design Deflection in Tons: Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
32.861	71.4	1	9:09 PM	80.4	6156	22.52	17.47	13.43	9	6.6	3.81	2.4	1.74	13	82.7	0.98	48.6	7,074	11.2	3.3	12.3	6.4	4.8	12.0
32.861	71.4	2	9:09 PM	80.4	6167	21.24	16.57	12.96	8.77	6.56	3.83	2.44	1.79	13	82.7	0.98	46.1	7,249	11.5	3.4	12.8	6.5	4.8	12.7
32.861	71.4	3	9:09 PM	80.4	8120	28.23	22.31	17.43	11.99	8.94	5.26	3.41	2.45	17	82.7	0.98	46.5	7,056	11.1	3.5	12.9	6.4	4.8	12.6
32.861	71.4	4	9:09 PM	80.4	8778	30.87	23.99	18.87	13.01	9.73	5.69	3.74	2.54	19	82.7	0.98	47.0	6,999	11.0	3.4	12.8	6.4	4.8	12.4
32.959	73.7	1	9:10 PM	79.4	6200	25.54	19.2	14.98	10.54	8.12	5.36	3.89	3	15	82.0	0.99	54.4	5,938	9.1	3.3	11.9	6.2	4.7	10.8
32.959	73.7	2	9:10 PM	79.4	6090	23.94	18.17	14.4	10.27	8.07	5.38	3.9	3.01	14	82.0	0.99	52.2	5,964	9.1	3.5	12.4	6.2	4.7	11.2
32.959	73.7	3	9:10 PM	79.4	8076	32.26	24.51	19.33	13.89	10.86	7.2	5.26	4.06	20	82.0	0.99	52.9	5,875	8.9	3.4	12.3	6.2	4.7	11.1
32.959	73.7	4	9:10 PM	79.4	8647	34.46	26.18	20.62	14.9	11.78	7.71	5.68	4.25	21	82.0	0.99	52.8	5,821	8.8	3.5	12.4	6.2	4.7	11.1
33.056	73.3	1	9:11 PM	77.4	6013	47.43	30.21	20.59	13.15	9.56	5.72	4.13	3.27	23	80.7	1.00	99.1	4,121	5.9	1.9	7.6	5.4	4.1	5.9
33.056	73.3	2	9:11 PM	77.4	6035	43.97	28.85	20.41	13.38	9.82	5.91	4.29	3.35	22	80.7	1.00	92.0	4,208	6.1	2.2	8.1	5.5	4.2	6.4
33.056	73.3	3	9:11 PM	77.4	7955	58.86	39.23	27.77	18.14	13.24	7.85	5.61	4.34	30	80.7	1.00	93.3	4,127	5.9	2.2	8.0	5.5	4.2	6.3
33.056	73.3	4	9:11 PM	77.4	8603	63.63	42.67	30.28	19.74	14.57	8.8	5.96	4.9	33	80.7	1.00	93.3	4,085	5.9	2.2	8.1	5.5	4.2	6.3
33.151	72.9	1	9:12 PM	77.5	6770	22.24	13.2	8.31	5.21	4.06	2.87	2.18	1.74	8.5	80.7	0.99	44.8	10,449	17.9	2.6	11.1	6.7	5.0	13.1
33.151	72.9	2	9:12 PM	77.5	6606	19.78	11.96	7.71	4.96	3.93	2.77	2.19	1.76	7.7	80.7	0.99	41.4	10,943	19.0	2.8	11.7	6.8	5.1	14.1
33.151	72.9	3	9:12 PM	77.5	8603	25.15	15.44	10.22	6.55	5.39	4.04	3.02	2.39	9.8	80.7	0.99	40.6	10,740	18.5	2.9	12.1	6.8	5.1	14.4
33.151	72.9	4	9:12 PM	77.5	8844	25.41	15.85	10.41	6.96	5.49	3.98	3.09	2.46	11	80.7	0.99	40.0	10,878	18.8	2.9	12.2	6.8	5.1	14.6
33.245	72.5	1	9:13 PM	76.9	6803	17.95	11.53	7.12	3.98	2.79	1.8	1.34	1.02	7	80.4	1.00	37.3	14,161	26.1	2.5	11.4	7.0	5.3	15.7
33.245	72.5	2	9:13 PM	76.9	6858	16.91	10.84	6.81	3.92	2.78	1.81	1.37	1.07	6.7	80.4	1.00	35.3	14,718	27.3	2.6	11.8	7.1	5.4	16.6
33.245	72.5	3	9:13 PM	76.9	8713	21.16	13.65	8.72	5.2	3.71	2.44	1.85	1.48	8.7	80.4	1.00	34.8	14,442	26.7	2.7	12.1	7.1	5.4	16.8
33.245	72.5	4	9:13 PM	76.9	9020	21.78	14	9	5.37	3.85	2.5	1.95	1.57	9	80.4	1.00	34.7	14,462	26.8	2.7	12.2	7.1	5.4	16.9
33.330	71.8	1	9:14 PM	76.3	6255	26.14	16.98	11.44	6.68	4.53	2.57	1.86	1.44	12	80.0	1.00	55.6	8,445	13.8	2.3	9.9	6.4	4.8	10.5
33.330	71.8	2	9:14 PM	76.3	6331	24.15	15.9	10.8	6.44	4.46	2.43	1.84	1.49	12	80.0	1.00	51.3	8,942	14.8	2.5	10.5	6.5	4.9	11.4
33.330	71.8	3	9:14 PM	76.3	8372	31.06	20.69	14.18	8.57	5.98	3.44	2.43	1.9	15	80.0	1.00	50.1	8,988	14.9	2.6	10.7	6.5	4.9	11.7
33.330	71.8	4	9:14 PM	76.3	8888	32.43	21.77	15.04	9.1	6.37	3.58	2.6	2.04	16	80.0	1.00	49.4	9,038	15.0	2.6	10.8	6.5	4.9	11.8

33.438	72.5	1	9:15 PM	78.3	6408	16.31	11.71	8.55	5.53	4.04	2.49	1.82	1.32	8.7	81.2	0.99	36.0	11,325	19.8	3.2	13.3	6.9	5.2	16.3
33.438	72.5	2	9:15 PM	78.3	6320	15.15	10.98	8.18	5.35	3.93	2.42	1.76	1.38	8.3	81.2	0.99	34.2	11,686	20.6	3.3	13.7	7.0	5.3	17.1
33.438	72.5	3	9:15 PM	78.3	8230	20.18	14.82	11.18	7.42	5.52	3.42	2.49	1.91	11	81.2	0.99	34.9	11,045	19.2	3.4	13.9	7.0	5.2	16.8
33.438	72.5	4	9:15 PM	78.3	8800	21.57	15.91	11.96	7.97	5.93	3.67	2.68	2	12	81.2	0.99	34.9	11,014	19.1	3.4	13.9	7.0	5.2	16.8
33.523	72	1	9:16 PM	76.2	6233	23.13	16.96	12.71	8.07	5.59	2.83	1.85	1.42	13	79.9	1.00	50.1	7,884	12.7	2.9	11.4	6.4	4.8	11.7
33.523	72	2	9:16 PM	76.2	6123	22.02	15.93	12.02	7.72	5.34	2.73	1.85	1.45	12	79.9	1.00	48.8	8,119	13.2	2.9	11.5	6.5	4.9	12.0
33.523	72	3	9:16 PM	76.2	8175	29.93	21.85	16.56	10.67	7.38	3.81	2.61	1.98	16	79.9	1.00	49.6	7,894	12.7	2.9	11.5	6.4	4.8	11.8
33.523	72	4	9:16 PM	76.2	8756	32.03	23.43	17.76	11.46	7.96	4.13	2.78	2.15	18	79.9	1.00	49.5	7,864	12.7	3.0	11.5	6.4	4.8	11.8
33.629	71.3	1	9:17 PM	78.3	6123	20.5	16.23	12.19	8.49	6.41	4.08	2.85	2.28	12	81.2	0.99	45.5	7,393	11.8	3.4	12.9	6.5	4.9	12.9
33.629	71.3	2	9:17 PM	78.3	6200	19.43	15.68	12.04	8.43	6.55	4.16	2.78	2.31	12	81.2	0.99	43.0	7,480	11.9	3.6	13.6	6.5	4.9	13.6
33.629	71.3	3	9:17 PM	78.3	8350	26.62	21.53	16.44	11.72	9.09	5.74	3.97	3.11	17	81.2	0.99	43.6	7,283	11.6	3.6	13.6	6.5	4.9	13.4
33.629	71.3	4	9:17 PM	78.3	8811	28.11	22.72	17.44	12.43	9.71	6.12	4.26	3.21	18	81.2	0.99	43.6	7,215	11.4	3.7	13.6	6.5	4.9	13.4
33.712	71.6	1	9:18 PM	79.2	6430	16.98	13.7	11.54	8.83	6.96	4.5	3.02	2.09	12	81.7	0.99	37.1	7,573	12.1	4.2	15.7	6.7	5.0	15.8
33.712	71.6	2	9:18 PM	79.2	6331	16.31	13.25	11.17	8.56	6.83	4.35	2.92	2.31	11	81.7	0.99	36.3	7,614	12.2	4.2	16.0	6.7	5.0	16.1
33.712	71.6	3	9:18 PM	79.2	8405	22.15	18.05	15.24	11.65	9.35	5.9	4.04	2.99	15	81.7	0.99	37.0	7,388	11.8	4.2	15.9	6.7	5.0	15.8
33.712	71.6	4	9:18 PM	79.2	8888	23.34	19.07	16.13	12.33	9.89	6.25	4.3	3.14	16	81.7	0.99	36.9	7,388	11.8	4.2	15.9	6.7	5.0	15.9
33.816	71.3	1	9:19 PM	77.9	5980	37.84	25.84	17.91	11.44	8.51	5.41	4.04	3.13	19	80.9	1.00	80.6	4,826	7.1	2.3	8.8	5.7	4.3	7.3
33.816	71.3	2	9:19 PM	77.9	6002	36.09	25.17	17.71	11.44	8.6	5.5	4.05	3.23	19	80.9	1.00	76.9	4,907	7.2	2.5	9.1	5.8	4.4	7.6
33.816	71.3	3	9:19 PM	77.9	8032	49.5	34.87	24.54	15.95	11.83	7.47	5.51	4.31	25	80.9	1.00	78.7	4,780	7.0	2.5	9.0	5.7	4.3	7.4
33.816	71.3	4	9:19 PM	77.9	8691	53.73	38.35	26.91	17.33	12.96	8.15	6	4.72	27	80.9	1.00	78.9	4,738	6.9	2.5	9.0	5.7	4.3	7.4
33.899	71.3	1	9:20 PM	78.9	6112	29.35	22.2	17.26	12.07	9.15	5.69	3.95	2.83	17	81.5	0.99	62.5	5,165	7.7	3.1	11.0	6.0	4.5	9.4
33.899	71.3	2	9:20 PM	78.9	6167	27.13	20.83	16.43	11.69	8.89	5.63	3.93	2.9	16	81.5	0.99	57.8	5,441	8.2	3.3	11.6	6.1	4.6	10.1
33.899	71.3	3	9:20 PM	78.9	8153	36.54	28.17	22.28	15.93	12.14	7.7	5.39	4.06	22	81.5	0.99	58.8	5,287	7.9	3.3	11.6	6.0	4.6	10.0
33.899	71.3	4	9:20 PM	78.9	8789	39.63	30.43	24.08	17.25	13.25	8.39	5.87	4.43	24	81.5	0.99	59.1	5,231	7.8	3.3	11.6	6.0	4.5	9.9
33.992	70.5	1	9:21 PM	78.0	6167	28.44	20.75	16.24	11.72	8.87	5.24	3.57	2.58	17	80.9	1.00	60.4	5,377	8.1	3.2	11.2	6.0	4.5	9.7
33.992	70.5	2	9:21 PM	78.0	6211	26.94	19.98	15.72	11.53	8.74	5.28	3.38	2.59	17	80.9	1.00	57.2	5,559	8.4	3.3	11.6	6.1	4.6	10.2
33.992	70.5	3	9:21 PM	78.0	8164	35.63	26.57	20.98	15.37	11.7	7.09	4.57	3.47	22	80.9	1.00	57.5	5,476	8.2	3.3	11.7	6.1	4.6	10.2
33.992	70.5	4	9:21 PM	78.0	8767	38.17	28.52	22.53	16.32	12.52	7.69	4.75	3.71	24	80.9	1.00	57.4	5,494	8.3	3.3	11.7	6.1	4.6	10.2
34.090	70.2	1	9:22 PM	79.3	6123	36.46	22.13	15.63	10.88	8.07	4.6	2.99	2.18	16	81.7	0.99	75.8	5,176	7.7	2.4	9.1	5.8	4.4	7.7
34.090	70.2	2	9:22 PM	79.3	6145	33.63	20.94	15	10.54	7.85	4.56	2.99	2.19	15	81.7	0.99	70.2	5,458	8.2	2.6	9.6	5.9	4.5	8.3
34.090	70.2	3	9:22 PM	79.3	8219	45.59	28.75	20.76	14.65	10.95	6.31	4.15	3.06	21	81.7	0.99	71.1	5,294	7.9	2.6	9.6	5.9	4.4	8.2
34.090	70.2	4	9:22 PM	79.3	8778	48.47	30.63	22.34	15.75	11.79	6.8	4.48	3.28	22	81.7	0.99	70.8	5,278	7.9	2.6	9.6	5.9	4.4	8.3
34.200	69.7	1	9:23 PM	77.8	6046	30.89	23.19	17.99	12.07	8.5	4.6	3.09	2.23	18	80.8	1.00	66.3	5,281	7.9	2.9	10.3	5.9	4.5	8.8
34.200	69.7	2	9:23 PM	77.8	6156	29.11	22.05	17.2	11.72	8.48	4.65	3	2.29	18	80.8	1.00	61.8	5,495	8.3	3.0	10.8	6.0	4.5	9.5
34.200	69.7	3	9:23 PM	77.8	8186	38.63	29.31	22.99	15.59	11.3	6.31	4.18	3.15	23	80.8	1.00	61.7	5,491	8.3	3.0	10.8	6.0	4.5	9.5
34.200	69.7	4	9:23 PM	77.8	8734	40.79	31	24.43	16.66	12.1	6.77	4.49	3.37	25	80.8	1.00	61.2	5,497	8.3	3.1	10.9	6.0	4.5	9.6
34.282	68.7	1	9:25 PM	78.7	6189	32.81	23.07	16.5	10.02	6.92	3.59	2.41	1.81	17	81.3	0.99	68.3	5,977	9.1	2.4	9.5	6.0	4.5	8.6
34.282	68.7	2	9:25 PM	78.7	6167	29.67	21.21	15.46	9.64	6.77	3.6	2.41	1.83	16	81.3	0.99	62.5	6,293	9.7	2.6	10.1	6.1	4.6	9.4
34.282	68.7	3	9:25 PM	78.7	8197	38.84	28.19	20.68	13.11	9.19	4.9	3.31	2.54	21	81.3	0.99	61.7	6,254	9.6	2.7	10.3	6.1	4.6	9.5
34.282	68.7	4	9:25 PM	78.7	8745	41.3	29.96	22.06	14.08	9.89	5.33	3.58	2.74	22	81.3	0.99	61.5	6,230	9.6	2.7	10.3	6.1	4.6	9.5


BIA 2-110
Allowable Spring Axle Load, Tons
20
18
16
14
12
10
8
6
4
2
0
32.0
32.5
33.0
33.5
34.0
34.5
Test Location, miles
AASHTO
TONN


BIA 2-110
Eff. Structural Number
Eff. R-value
40
35
30
25
20
15
10
5
0
80
70
60
50
40
30
20
10
0
32.0
32.5
33.0
33.5
34.0
34.5
Test Location, miles
Eff. SN
Eff. R-value

County:	Pine Ridge Indian Reservation
Date Tested:	6/18/2008
Julian:	170
Highway	Allen Road
From:	BIA 4
To:	BIA 22
Dir	SB
Prev Day Temp	75 °F
Bit. Thickness	3 inches
Daily ESALs	24.2
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	214,619
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.59

	X1	X2	X3	X4	X5	X6	X7
	0	203.2	304.8	457.2	609.6	914	1524
	0	8	12	18	24	36	60
	0	8	12	18	24	36	60
	33.37	22.65	15.46	9.34	6.59	3.88	2.76
		0.68	0.46	0.28	0.20	0.12	0.08

1.3

Cells highlighted in green can be modified by the user. Explaination and range of values are included to the right of the cell if necessary.

Plot of calculated results are on the next tab.

Formula is "=B10*365*B14" incase changed and need the formula back.

Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

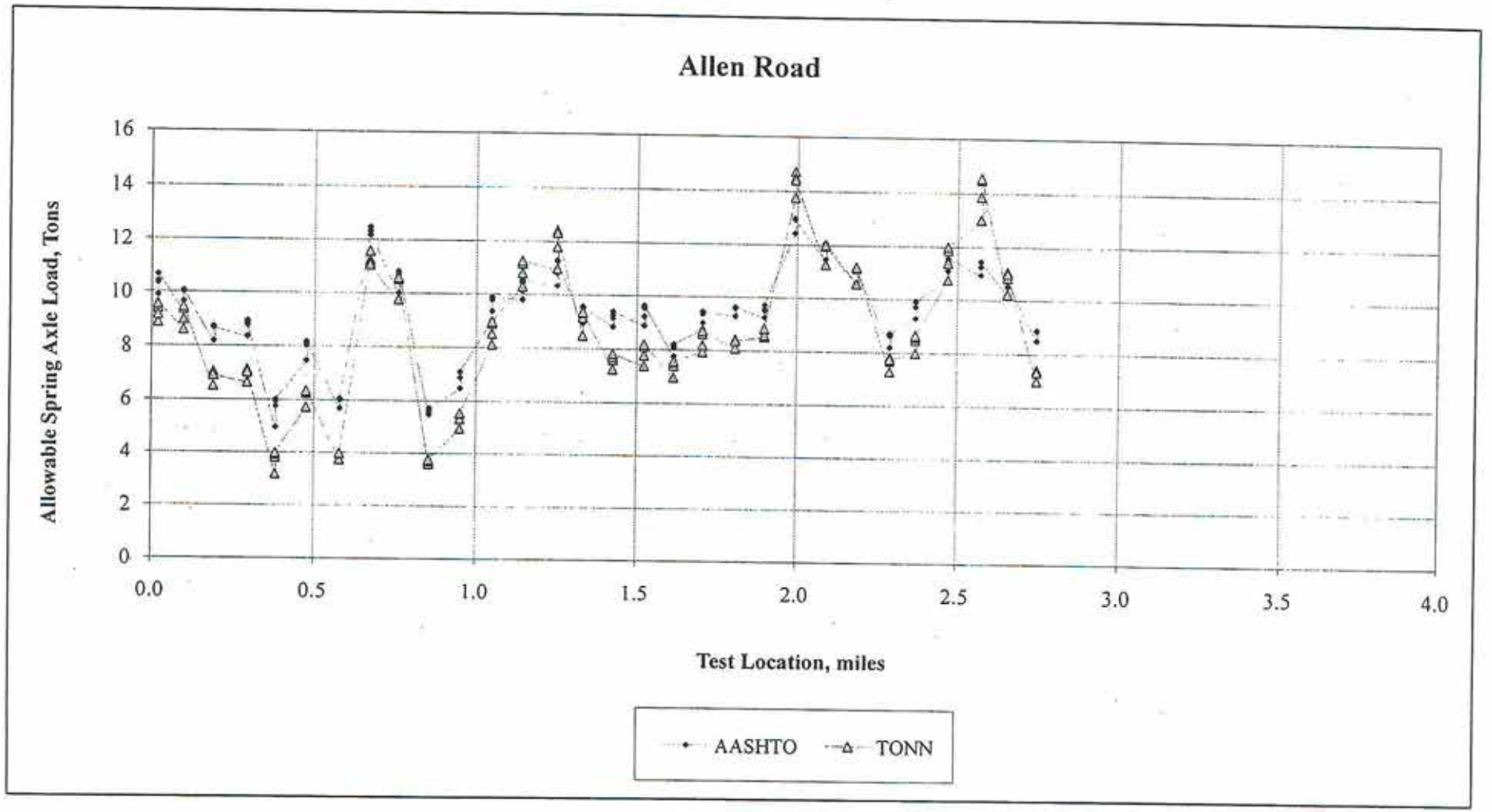
	Summary of Analysis Results							
					Axle Load for Design Defl. Tons			
	$_sBB_{80}$ mils	Esg psi	Eff. R-val	Eff SN inches	AASHTO	Soil Fact.	Inv 183	TONN Tons
Avg. =	75.5	6,915	11.0	2.1	7.8	5.0	4.0	8.1
Median =	68.27	6,796	10.6	2.1	7.9	5.1	4.0	7.9
Std.Dev. =	30.92	2,154	4.1	0.6	1.6	0.5	0.3	2.5
85th % =	51.78	4,866	7.2	1.5	6.5	4.6	3.7	5.8

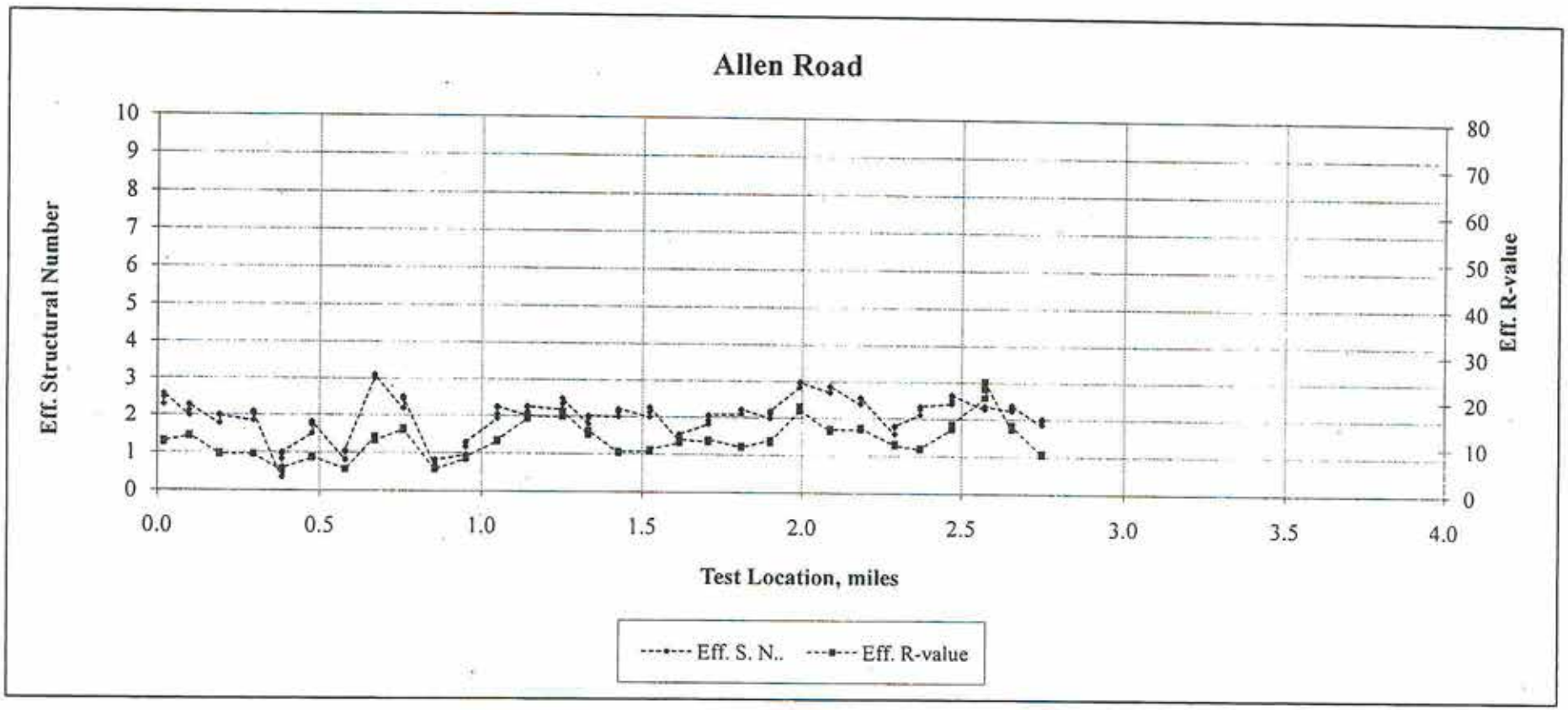
																				Calculated Spring Axle Load to Achive Design Deflection in Tons				Inv. 603
																Pvm't. Temp.	Temp. Adj	Peak Spring Defl.	Spring Subgrade Modulus	Effective Values		Design Method			TONN
Station	Air °F	Drop	Time	Bit °F	Load	D1	D2	D3	D4	D5	D6	D7	D8	D9	°F	Fact.	mils	psi	R-value	SN	AASHTO	Soil Fact.	Inv 183	Method
0.019	74.5	1	12:39 PM	88.9	6320	24.78	16.38	11	7.19	5.52	3.65	2.75	2.2	12	83.3	0.99	65.9	6,682	10.4	2.3	8.2	5.1	4.0	8.2
0.019	74.5	2	12:39 PM	88.9	6255	22.96	15.62	10.84	7.24	5.61	3.72	2.8	2.2	11	83.3	0.99	62.3	6,756	10.6	2.5	8.6	5.1	4.1	8.7
0.019	74.5	3	12:39 PM	88.9	8241	31.12	21.01	14.79	10	7.73	5.15	3.86	3	16	83.3	0.99	63.9	6,502	10.1	2.5	8.5	5.1	4.0	8.5
0.019	74.5	4	12:39 PM	88.9	8855	31.87	22.43	15.83	10.72	8.25	5.48	4.11	3.2	17	83.3	0.99	61.2	6,651	10.4	2.6	8.8	5.1	4.1	8.8
0.098	73.3	1	12:40 PM	88.5	6244	25.37	16.43	10.5	6.09	4.68	3.2	2.35	1.8	12	83.0	0.99	68.0	7,164	11.3	2.0	7.7	5.1	4.0	7.9
0.098	73.3	2	12:40 PM	88.5	6200	23.95	15.81	10.24	6.13	4.75	3.27	2.4	1.9	11	83.0	0.99	65.1	7,243	11.5	2.1	8.0	5.2	4.1	8.3
0.098	73.3	3	12:40 PM	88.5	8318	30.66	20.96	13.67	8.25	6.49	4.47	3.26	2.5	15	83.0	0.99	62.5	7,318	11.6	2.3	8.3	5.2	4.1	8.6
0.098	73.3	4	12:40 PM	88.5	8669	31.61	21.84	14.25	8.63	6.75	4.67	3.41	2.2	16	83.0	0.99	61.9	7,361	11.7	2.3	8.4	5.2	4.1	8.7
0.190	72.9	1	12:42 PM	88.0	6068	33.43	21.67	14.35	8.93	6.5	3.92	2.77	2.1	16	82.6	0.99	89.8	5,134	7.6	1.8	6.6	4.6	3.8	6.0
0.190	72.9	2	12:42 PM	88.0	6178	31.13	20.84	14.22	8.97	6.61	4	2.75	2.1	16	82.6	0.99	82.8	5,344	8.0	2.0	7.1	4.7	3.8	6.5
0.190	72.9	3	12:42 PM	88.0	8219	42.12	28.67	19.68	12.5	9.25	5.52	3.79	2.9	21	82.6	0.99	84.1	5,154	7.7	2.0	7.1	4.7	3.8	6.4
0.190	72.9	4	12:42 PM	88.0	8767	45.17	30.81	21.17	13.47	9.8	5.88	4.11	3.2	23	82.6	0.99	84.5	5,163	7.7	2.0	7.0	4.7	3.8	6.4
0.295	72.1	1	12:45 PM	87.0	6288	33.74	22.87	15.31	9.42	6.89	4.25	3.06	2.4	17	82.0	0.99	88.0	5,130	7.6	1.9	6.8	4.6	3.8	6.1
0.295	72.1	2	12:45 PM	87.0	6288	31.71	22.04	15.14	9.53	7.02	4.31	3.07	2.4	16	82.0	0.99	83.1	5,213	7.8	2.0	7.1	4.7	3.8	6.5
0.295	72.1	3	12:45 PM	87.0	8307	41.18	29.57	20.56	13.03	9.5	5.8	4.12	3.2	22	82.0	0.99	81.9	5,177	7.7	2.1	7.3	4.7	3.8	6.6
0.295	72.1	4	12:45 PM	87.0	8734	43.92	31.11	21.72	13.77	10.05	6.12	4.34	3.4	24	82.0	0.99	82.9	5,129	7.6	2.1	7.2	4.7	3.8	6.5
0.382	72.2	1	12:46 PM	86.1	5958	69.68	42.1	23.87	13.02	8.71	4.81	3.37	2.6	30	81.3	1.00	183.0	3,039	4.2	0.3	3.8	3.7	3.3	3.0
0.382	72.2	2	12:46 PM	86.1	6068	58.99	38.63	24.01	13.61	9.17	5.03	3.42	2.6	28	81.3	1.00	153.4	3,276	4.6	0.8	4.5	3.9	3.4	3.5
0.382	72.2	3	12:46 PM	86.1	7901	74.5	50.61	32.26	18.3	12.35	6.98	4.55	3.5	37	81.3	1.00	149.1	3,267	4.5	0.9	4.6	3.9	3.4	3.6
0.382	72.2	4	12:46 PM	86.1	8493	78.64	54.19	34.89	19.85	13.33	7.21	5.08	3.9	39	81.3	1.00	146.5	3,289	4.6	1.0	4.7	3.9	3.4	3.7
0.475	72.8	1	12:47 PM	87.8	6189	39.21	26.11	17.31	10.65	6.97	4.22	3.09	2.4	19	82.6	0.99	102.2	4,687	6.9	1.5	6.0	4.5	3.7	5.3
0.475	72.8	2	12:47 PM	87.8	6200	35.67	24.41	16.65	10.43	7.02	4.29	3.09	2.4	18	82.6	0.99	93.5	4,884	7.2	1.7	6.5	4.6	3.7	5.8
0.475	72.8	3	12:47 PM	87.8	8208	46.76	32.46	22.49	14.18	9.5	5.81	4.17	3.2	24	82.6	0.99	92.7	4,846	7.1	1.8	6.6	4.6	3.7	5.8
0.475	72.8	4	12:47 PM	87.8	8745	49.48	34.45	23.99	15.13	10.19	6.14	4.54	3.6	26	82.6	0.99	92.1	4,842	7.1	1.8	6.6	4.6	3.7	5.9

0.578	73.2	1	12:48 PM	86.8	5991	59.33	39.8	25.8	14.23	9.19	4.94	3.52	2.8	28	81.9	0.99	155.9	3,222	4.5	0.8	5.7	5.5	4.1	3.8
0.578	73.2	2	12:48 PM	86.8	5925	55.15	38.13	25.17	14.42	9.42	4.94	3.6	2.8	27	81.9	0.99	147.0	3,258	4.5	1.0	6.0	5.5	4.1	4.0
0.578	73.2	3	12:48 PM	86.8	7758	72.33	50.78	33.7	19.43	12.61	6.76	4.79	3.8	35	81.9	1.00	147.3	3,218	4.5	1.0	6.0	5.5	4.1	4.0
0.578	73.2	4	12:48 PM	86.8	8394	78.03	55.5	36.89	21.3	13.85	7.34	5.3	4.2	39	81.9	1.00	146.9	3,197	4.4	1.1	6.1	5.5	4.1	4.0
0.668	73.3	1	12:50 PM	86.6	6858	20.24	14.77	11.61	8.27	6.34	3.87	2.7	1.9	12	81.8	0.99	51.9	7,151	11.3	3.0	12.2	6.8	5.1	11.3
0.668	73.3	2	12:50 PM	86.6	6803	19.4	14.29	11.32	8.13	6.29	3.87	2.7	1.9	11	81.8	0.99	50.4	7,222	11.4	3.1	12.5	6.9	5.1	11.6
0.668	73.3	3	12:50 PM	86.6	8734	26.07	19.45	15.36	11.01	8.63	5.22	3.69	2.7	16	81.8	0.99	52.4	6,797	10.6	3.1	12.3	6.8	5.1	11.2
0.668	73.3	4	12:50 PM	86.6	8987	27.04	20.06	15.81	11.39	8.94	5.46	3.8	2.7	16	81.8	0.99	52.8	6,748	10.6	3.1	12.3	6.8	5.1	11.1
0.756	74.4	1	12:51 PM	86.8	6244	21.83	14.67	10.19	6.08	4.36	2.71	2.07	1.4	10	81.9	0.99	59.9	7,971	12.9	2.2	10.0	6.8	5.0	9.8
0.756	74.4	2	12:51 PM	86.8	6309	20.02	13.66	9.75	5.96	4.5	2.75	2.06	1.6	9.9	81.9	0.99	55.1	8,213	13.4	2.4	10.7	6.8	5.1	10.6
0.756	74.4	3	12:51 PM	86.8	8449	27.05	18.56	13.24	8.16	6.39	3.78	2.78	2.3	14	81.9	0.99	55.5	7,906	12.8	2.5	10.8	6.8	5.1	10.5
0.756	74.4	4	12:51 PM	86.8	8778	27.89	19.28	13.82	8.52	6.51	3.93	2.89	2.3	14	81.9	0.99	55.1	8,023	13.0	2.5	10.8	6.8	5.1	10.6
0.854	73.6	1	12:53 PM	86.7	6068	62.54	40.26	25.53	13.6	8.93	5.07	3.54	2.7	27	81.9	0.99	162.0	3,227	4.5	0.7	5.5	5.4	4.1	3.6
0.854	73.6	2	12:53 PM	86.7	6035	60.42	39.2	25.17	13.48	8.9	5.05	3.53	2.7	26	81.9	0.99	157.6	3,270	4.5	0.7	5.6	5.5	4.1	3.7
0.854	73.6	3	12:53 PM	86.7	7966	78.79	52.36	33.98	18.37	12.28	7.02	4.86	3.6	36	81.9	1.00	155.8	3,216	4.5	0.8	5.7	5.5	4.1	3.8
0.854	73.6	4	12:53 PM	86.7	8438	83.01	55.37	35.89	19.68	12.98	7.39	5.16	3.9	38	81.9	1.00	155.0	3,228	4.5	0.8	5.7	5.5	4.1	3.8
0.950	73.4	1	12:54 PM	85.4	6035	44.49	28.24	17.94	9.34	5.93	3.22	1.8	2	18	80.9	1.00	118.2	4,670	6.8	1.0	6.5	5.9	4.4	4.9
0.950	73.4	2	12:54 PM	85.4	6145	41.94	27.52	17.91	9.71	6.19	3.35	2.41	1.8	18	80.9	1.00	110.0	4,792	7.0	1.2	6.9	6.0	4.4	5.3
0.950	73.4	3	12:54 PM	85.4	8021	52.78	34.8	23.11	12.76	8.17	4.29	2.94	2.4	23	80.9	1.00	106.4	4,851	7.1	1.3	7.1	6.0	4.5	5.5
0.950	73.4	4	12:54 PM	85.4	8647	56.53	37.63	24.8	13.74	8.8	4.73	3.47	2.5	25	80.9	1.00	105.7	4,868	7.2	1.3	7.1	6.0	4.5	5.5
1.048	73.9	1	12:55 PM	86.0	6298	27.04	17.46	11.69	6.96	5.05	3.13	2.25	1.8	13	81.4	0.99	72.0	6,735	10.5	1.9	9.0	6.5	4.8	8.1
1.048	73.9	2	12:55 PM	86.0	6222	25.3	16.64	11.4	6.93	5	3.17	2.41	1.9	12	81.4	0.99	68.6	6,894	10.8	2.1	9.4	6.6	4.9	8.5
1.048	73.9	3	12:55 PM	86.0	7977	30.89	21.23	14.74	9.19	6.72	4.52	2.91	2.4	16	81.4	0.99	65.7	6,859	10.8	2.2	9.8	6.6	4.9	8.9
1.048	73.9	4	12:55 PM	86.0	8789	33.71	23.06	16.15	10.14	7.48	4.92	3.25	2.7	17	81.4	0.99	65.2	6,846	10.7	2.3	9.9	6.6	4.9	9.0
1.141	74	1	12:56 PM	86.6	6320	20.84	13.58	8.4	4.93	3.51	1.92	1.46	1.2	9.4	81.9	0.99	56.8	9,266	15.5	2.0	9.8	6.9	5.2	10.3
1.141	74	2	12:56 PM	86.6	6375	19.86	13.13	8.34	4.96	3.52	1.95	1.48	1.2	9.1	81.9	0.99	54.1	9,547	16.0	2.1	10.1	6.9	5.2	10.8
1.141	74	3	12:56 PM	86.6	8383	25.12	16.93	11	6.7	4.76	2.63	1.95	1.6	12	81.9	0.99	52.3	9,574	16.1	2.2	10.5	7.0	5.2	11.2
1.141	74	4	12:56 PM	86.6	8888	26.37	17.87	11.74	7.16	5.1	2.81	2.06	1.6	13	81.9	0.99	51.9	9,562	16.1	2.3	10.6	7.0	5.2	11.3
1.250	72.6	1	12:58 PM	86.7	6288	19.2	12.52	8.13	4.91	3.58	2.33	1.81	1.6	9.4	82.0	0.99	53.2	9,477	15.9	2.2	10.3	6.9	5.2	11.0
1.250	72.6	2	12:58 PM	86.7	6397	17.97	11.89	7.85	4.86	3.56	2.35	1.92	1.6	9.1	82.0	0.99	49.6	9,966	16.9	2.3	10.8	7.0	5.3	11.8
1.250	72.6	3	12:58 PM	86.7	8493	22.44	15.37	10.5	6.61	4.84	3.2	2.62	2.2	12	82.0	0.99	47.1	10,101	17.2	2.5	11.3	7.1	5.3	12.4
1.250	72.6	4	12:58 PM	86.7	8833	23.57	15.93	10.9	6.88	5.06	3.33	2.72	2.2	12	82.0	0.99	47.5	10,029	17.0	2.5	11.3	7.1	5.3	12.3
1.330	72.9	1	12:59 PM	90.2	6474	27.09	18.37	11.93	6.53	4.27	2.34	1.68	1.3	12	84.6	0.97	68.9	7,558	12.1	1.8	8.9	6.6	4.9	8.5
1.330	72.9	2	12:59 PM	90.2	6551	25.17	17.19	11.34	6.33	4.19	2.3	1.63	1.3	12	84.6	0.97	63.8	8,001	12.9	1.9	9.4	6.7	5.0	9.2
1.330	72.9	3	12:59 PM	90.2	8647	32.53	22.38	14.95	8.46	5.61	3.08	2.19	1.8	15	84.6	0.97	62.7	8,020	13.0	2.0	9.5	6.7	5.0	9.3
1.330	72.9	4	12:59 PM	90.2	8888	33.3	22.91	15.36	8.74	5.8	3.18	2.29	1.9	16	84.6	0.97	62.5	8,012	13.0	2.0	9.6	6.7	5.0	9.4
1.425	73.3	1	1:00 PM	89.0	6178	30.37	21.3	15.08	9.07	6.35	3.68	2.74	2.3	15	83.7	0.98	80.6	5,526	8.3	2.0	8.8	6.3	4.7	7.3
1.425	73.3	2	1:00 PM	89.0	6353	29.62	20.52	14.77	9.12	6.49	3.87	2.85	2.4	15	83.7	0.99	76.9	5,673	8.6	2.1	9.2	6.4	4.7	7.6
1.425	73.3	3	1:00 PM	89.0	8263	37.9	26.74	19.32	12.08	8.54	5.19	3.74	3.1	20	83.7	0.99	75.8	5,673	8.6	2.2	9.3	6.4	4.7	7.7
1.425	73.3	4	1:00 PM	89.0	8866	40.01	28.83	20.86	13.06	9.26	5.62	3.98	3.3	21	83.7	0.99	74.7	5,677	8.6	2.2	9.4	6.4	4.7	7.8
1.522	73.6	1	1:02 PM	87.6	6298	30.19	20.31	14.3	8.85	6.26	3.39	2.35	1.8	15	82.7	0.99	79.0	5,694	8.6	2.0	8.9	6.3	4.7	7.4
1.522	73.6	2	1:02 PM	87.6	6463	29.23	19.87	14.19	8.91	6.37	3.54	2.46	1.9	15	82.7	0.99	75.0	5,866	8.9	2.1	9.2	6.4	4.8	7.8
1.522	73.6	3	1:02 PM	87.6	8460	36.56	25.33	18.33	11.72	8.42	4.7	3.27	2.6	19	82.7	0.99	72.0	5,945	9.1	2.2	9.6	6.4	4.8	8.1
1.522	73.6	4	1:02 PM	87.6	8855	37.86	26.33	19.13	12.3	8.86	4.97	3.45	2.7	20	82.7	0.99	71.4	5,953	9.1	2.3	9.6	6.5	4.8	8.2

1.614	72.6	1	1:04 PM	86.6	6046	30.91	18.52	11.54	6.12	4.15	2.45	1.85	1.4	13	82.0	0.99	83.8	6,710	10.5	1.4	7.8	6.4	4.7	7.0
1.614	72.6	2	1:04 PM	86.6	6068	28.92	17.32	10.98	5.92	4.04	2.4	1.79	1.3	12	82.0	0.99	78.7	7,056	11.1	1.5	8.1	6.4	4.8	7.4
1.614	72.6	3	1:04 PM	86.6	8098	37.83	22.68	14.54	7.97	5.37	3.33	2.29	1.7	16	82.0	0.99	77.3	7,141	11.3	1.5	8.2	6.5	4.8	7.6
1.614	72.6	4	1:04 PM	86.6	8724	40.65	24.71	15.79	8.7	5.87	3.61	2.59	1.9	18	82.0	0.99	77.1	7,097	11.2	1.5	8.2	6.5	4.8	7.6
1.705	72.8	1	1:05 PM	87.7	6277	27.84	17.31	11.69	6.98	4.78	2.78	1.73	1.4	13	82.8	0.99	73.5	6,819	10.7	1.8	8.8	6.5	4.8	8.0
1.705	72.8	2	1:05 PM	87.7	5980	25.68	16.09	11.05	6.76	4.63	2.56	1.8	1.4	12	82.8	0.98	71.4	6,863	10.8	1.9	9.0	6.5	4.9	8.2
1.705	72.8	3	1:05 PM	87.7	7955	32.28	21.1	14.46	8.9	6.14	3.41	2.43	1.9	15	82.8	0.98	67.9	7,055	11.1	2.0	9.4	6.6	4.9	8.6
1.705	72.8	4	1:05 PM	87.7	8669	34.71	23.28	15.78	9.72	6.71	3.7	2.66	2.1	17	82.8	0.98	67.1	7,087	11.2	2.1	9.5	6.6	4.9	8.7
1.807	72.9	1	1:06 PM	85.2	6200	26.65	17.95	12.19	7.76	5.63	3.3	2.39	1.5	14	81.0	1.00	72.2	6,283	9.7	2.1	9.3	6.5	4.8	8.1
1.807	72.9	2	1:06 PM	85.2	6331	26.01	17.51	12.16	7.85	5.75	3.46	2.3	1.9	13	81.0	1.00	69.4	6,405	9.9	2.2	9.6	6.5	4.8	8.4
1.807	72.9	3	1:06 PM	85.2	8285	34.25	23.66	16.55	10.66	7.76	4.56	3.05	2.5	18	81.0	1.00	69.8	6,275	9.7	2.2	9.6	6.5	4.8	8.4
1.807	72.9	4	1:06 PM	85.2	8734	36.12	24.96	17.61	11.33	8.22	4.81	3.24	2.6	19	81.0	1.00	69.8	6,257	9.6	2.2	9.6	6.5	4.8	8.4
1.898	71.9	1	1:08 PM	85.2	6364	25.79	16.04	10.66	6.63	4.88	3.2	2.36	1.8	12	81.0	1.00	68.5	7,085	11.2	2.0	9.3	6.6	4.9	8.5
1.898	71.9	2	1:08 PM	85.2	6167	24.06	15.3	10.41	6.58	4.85	3.26	2.35	1.9	12	81.0	1.00	66.3	7,107	11.2	2.1	9.6	6.6	4.9	8.8
1.898	71.9	3	1:08 PM	85.2	7922	31.81	20.47	14.02	8.92	6.6	4.43	3.33	2.3	16	81.0	1.00	68.0	6,795	10.6	2.1	9.5	6.6	4.9	8.6
1.898	71.9	4	1:08 PM	85.2	8570	33.35	22.04	15.17	9.66	7.13	4.78	3.56	2.4	17	81.0	1.00	66.1	6,893	10.8	2.2	9.7	6.6	4.9	8.8
1.991	72	1	1:09 PM	86.8	6441	15.06	10.51	7.83	5.25	3.88	2.3	1.74	1.5	8	82.2	0.99	42.5	10,268	17.5	2.8	12.4	7.2	5.4	13.8
1.991	72	2	1:09 PM	86.8	6485	13.94	9.94	7.46	5.05	3.8	2.35	1.72	1.4	7.6	82.2	0.99	39.7	10,778	18.6	3.0	13.0	7.3	5.5	14.7
1.991	72	3	1:09 PM	86.8	8515	18.67	13.52	10.19	6.93	5.18	3.16	2.35	1.9	10	82.2	0.99	40.3	10,447	17.9	3.0	13.0	7.3	5.5	14.5
1.991	72	4	1:09 PM	86.8	9064	20	14.46	10.92	7.42	5.54	3.36	2.53	2.1	11	82.2	0.99	40.6	10,391	17.8	3.0	13.0	7.2	5.5	14.4
2.087	72.2	1	1:10 PM	88.3	6408	19.12	13.63	10.08	6.62	4.88	2.66	2.07	1.7	11	83.4	0.98	51.9	8,094	13.1	2.7	11.5	6.9	5.2	11.3
2.087	72.2	2	1:10 PM	88.3	6507	18	13.11	9.81	6.55	4.88	2.88	2.1	1.7	10	83.4	0.98	48.6	8,404	13.7	2.8	12.0	7.0	5.2	12.0
2.087	72.2	3	1:10 PM	88.3	8614	23.95	17.57	13.27	8.85	6.57	3.92	2.82	2.3	14	83.4	0.98	48.9	8,299	13.5	2.9	12.0	7.0	5.2	12.0
2.087	72.2	4	1:10 PM	88.3	8888	24.62	18.11	13.69	9.13	6.8	4.03	2.92	2.3	14	83.4	0.98	48.7	8,293	13.5	2.9	12.1	7.0	5.2	12.0
2.184	73	1	1:12 PM	87.4	6891	22.15	15.76	11.13	6.79	4.8	2.88	2.24	2	11	82.7	0.99	55.4	8,281	13.5	2.4	10.6	6.8	5.1	10.6
2.184	73	2	1:12 PM	87.4	6935	20.78	15.02	10.83	6.71	4.82	2.94	2.25	1.9	11	82.7	0.99	52.2	8,539	14.0	2.5	11.1	6.9	5.2	11.2
2.184	73	3	1:12 PM	87.4	9097	27.4	19.88	14.46	9	6.4	3.91	3.01	2.6	14	82.7	0.99	52.4	8,459	13.9	2.5	11.1	6.9	5.2	11.2
2.184	73	4	1:12 PM	87.4	8987	26.94	19.63	14.32	8.95	6.37	3.89	2.98	2.6	14	82.7	0.99	52.2	8,438	13.8	2.6	11.2	6.9	5.2	11.2
2.290	72.4	1	1:13 PM	87.0	6364	30.98	21.41	14.67	7.26	4.75	2.81	2.28	2	15	82.4	0.99	80.0	6,590	10.3	1.6	8.2	6.4	4.8	7.3
2.290	72.4	2	1:13 PM	87.0	6375	28.66	20.28	14.18	7.26	4.83	2.88	2.31	1.9	14	82.4	0.99	74.5	6,794	10.6	1.8	8.7	6.5	4.8	7.8
2.290	72.4	3	1:13 PM	87.0	8416	38.59	27.41	19.3	9.99	6.58	3.94	3.16	2.6	20	82.4	0.99	75.9	6,620	10.3	1.8	8.6	6.5	4.8	7.7
2.290	72.4	4	1:13 PM	87.0	8921	40.56	29.13	20.7	10.74	7.08	4.21	3.37	2.8	21	82.4	0.99	75.3	6,594	10.3	1.8	8.7	6.5	4.8	7.8
2.370	72.9	1	1:14 PM	88.9	6255	27.67	18.03	12.43	7.94	5.82	3.43	2.32	1.7	14	83.9	0.98	73.2	6,120	9.4	2.1	9.3	6.4	4.8	8.0
2.370	72.9	2	1:14 PM	88.9	6353	26.28	17.47	12.24	7.98	5.89	3.43	2.34	1.7	13	83.9	0.98	68.9	6,311	9.7	2.3	9.7	6.5	4.8	8.5
2.370	72.9	3	1:14 PM	88.9	8405	34.23	23.28	16.52	10.82	8	4.71	3.19	2.3	18	83.9	0.98	68.0	6,255	9.6	2.3	9.9	6.5	4.8	8.6
2.370	72.9	4	1:14 PM	88.9	8888	35.94	24.51	17.41	11.48	8.48	5.04	3.33	2.4	19	83.9	0.98	67.6	6,264	9.7	2.4	9.9	6.5	4.9	8.7
2.469	73.3	1	1:16 PM	89.2	6430	20.45	14.21	10.06	6.07	4.39	2.43	1.34	1	11	84.1	0.98	54.4	8,415	13.8	2.4	10.7	6.9	5.1	10.8
2.469	73.3	2	1:16 PM	89.2	6540	19.44	13.58	9.67	5.81	4.31	2.41	1.43	1	10	84.1	0.98	51.3	8,837	14.6	2.5	11.1	6.9	5.2	11.4
2.469	73.3	3	1:16 PM	89.2	8603	24.35	17.36	12.49	7.7	5.68	3.27	1.84	1.3	13	84.1	0.98	49.3	9,009	15.0	2.6	11.5	7.0	5.2	11.9
2.469	73.3	4	1:16 PM	89.2	8987	25.13	18.03	13.01	8.2	5.97	3.39	2.06	1.5	14	84.1	0.98	48.8	9,021	15.0	2.7	11.6	7.0	5.3	12.0
2.571	72.9	1	1:17 PM	86.8	6266	15.8	10.72	7.19	4.21	2.81	1.37	0.87	0.7	7.1	82.4	0.98	45.0	11,772	20.7	2.3	11.0	7.2	5.4	13.0
2.571	72.9	2	1:17 PM	86.8	6309	14.72	9.96	6.71	3.97	2.66	1.32	0.84	0.7	6.7	82.4	0.98	42.2	12,616	22.6	2.3	11.3	7.3	5.5	13.9
2.571	72.9	3	1:17 PM	86.8	8416	18.6	12.54	8.47	5	3.37	1.67	1.06	0.8	8.5	82.4	0.98	40.3	13,299	24.1	2.4	11.5	7.3	5.6	14.5
2.571	72.9	4	1:17 PM	86.8	8866	19.49	13.08	8.85	5.24	3.52	1.75	1.11	0.9	8.9	82.4	0.98	40.1	13,393	24.3	2.4	11.5	7.3	5.6	14.6

2.654	72.7	1	1:19 PM	86.0	6298	20.89	14.52	9.94	5.93	4.17	2.5	1.7	1.2	9.5	81.8	0.99	57.2	8,405	13.7	2.2	10.2	6.8	5.1	10.2
2.654	72.7	2	1:19 PM	86.0	6331	19.61	13.54	9.33	5.59	3.98	2.4	1.64	1.2	9.1	81.8	0.99	53.9	8,918	14.8	2.3	10.5	6.9	5.2	10.9
2.654	72.7	3	1:19 PM	86.0	8460	25.56	17.84	12.46	7.61	5.46	3.27	2.23	1.6	12	81.8	0.99	52.8	8,883	14.7	2.4	10.8	6.9	5.2	11.1
2.654	72.7	4	1:19 PM	86.0	8899	27.08	18.68	13.1	8.03	5.71	3.45	2.37	1.7	13	81.8	0.99	53.1	8,884	14.7	2.4	10.7	6.9	5.2	11.0
2.747	72.2	1	1:20 PM	85.8	6452	32.75	22.36	15.53	9.42	6.44	3.37	2.26	1.7	16	81.7	0.99	83.6	5,538	8.3	1.9	8.5	6.3	4.7	7.0
2.747	72.2	2	1:20 PM	85.8	6562	31.19	21.3	15.01	9.27	6.41	3.42	2.21	1.6	16	81.7	0.99	78.8	5,771	8.8	2.0	8.9	6.3	4.7	7.4
2.747	72.2	3	1:20 PM	85.8	8537	41.14	28.46	20.21	12.59	8.7	4.61	2.97	2.3	22	81.7	0.99	79.8	5,601	8.5	2.0	8.9	6.3	4.7	7.3
2.747	72.2	4	1:20 PM	85.8	8877	42.77	29.7	21.19	13.24	9.14	4.82	3.15	2.4	23	81.7	0.99	79.7	5,569	8.4	2.0	8.9	6.3	4.7	7.3


Allen Road
Allowable Spring Axle Load, Tons
16
14
12
10
8
6
4
2
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Test Location, miles
AASHTO
TONN


Allen Road
Eff. Structural Number
Eff. R-value
Test Location, miles
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0
1
2
3
4
5
6
7
8
9
10
0
10
20
30
40
50
60
70
80
Eff. S. N..
Eff. R-value

Remaining Structural Index

Route #	Section #	Soil Type	AADT	20 Year Design ESALS	Design SG Modulus (85th Percentile)	Effective SN (85th Percentile)	Required SN	Required Additional SN	Required Overlay	Average RSI	85th Percentile RSI	Sections
41	20	Ba	1543	177331	4677	2.8	2.9	0.1	0.23	98	100	A - first 6 miles
41	20	Ba	1543	177331	4677	2.8	2.9	0.1	0.23	79	21	B - last 3.2 miles
41	30&50	PsE	562	128412	4487	1.9	2.8	0.9	2.05	59	6	N
41	60	Ba	481	79493	4102	1.4	2.7	1.3	2.95	37	3	N
41	70	TuthIII	498	48919	6093	3	2.1	-0.9	0	95	100	two soft spots
39	10&20	KbC, OcE	367	12230	4661	1.5	1.9	0.4	0.91	85	40	N
35	10	KhD	503	12230	6071	2.2	1.8	-0.4	0	96	100	two soft spots
33	10	Ba, KhB, OcE	203	48919	3250	1.5	2.7	1.2	2.73	47	3	N
32	10	PcE, KbC	131	43239	5965	3.8	2.1	-1.7	0	100	100	N
28	10	OcE	1266	85608	6938	4.3	2.2	-2.1	0	100	100	N
27	10	OcE	1947	226250	6430	2.7	2.7	0	0	92	100	two soft spots
27	20	OcE	1947	226250	5555	1.8	2.9	1.1	2.5	67	17	N
27	30	OcE	1554	207905	7201	2.7	2.6	-0.1	0	97	100	N
27	40	KbC	2133	195675	5599	3	2.7	-0.3	0	97	100	N
27	60	Aa, VaC	425	183446	5073	2	2.9	0.9	2.05	64	10	N
27	80	Ba	825	183446	4707	1.7	2.9	1.2	2.73	50	2	N
23	10	OcE	582	31697	6133	2.5	2	-0.5	0	100	100	N
4	10	KbC	1677	183446	6509	3.5	2.6	-0.9	0	100	100	N
4	20	KbC	1071	183446	5342	2.9	2.8	-0.1	0	100	100	N
2	20	Ba	112	18345	8410	2.3	1.6	-0.7	0	95	100	One Soft Spot
2	60	KbC	2072	293513	4480	2.6	3.2	0.6	1.36	84	42	N
2	80	KbC	1184	61459	5113	2.5	2.4	-0.1	0	95	100	N
2	90		1184	61459	5056	2.6	2.4	-0.2	0	97	100	N
2	110		388	61459	5206	2.1	2.4	0.3	0.68	95	100	N
Allen Road					5186	1.8	2.9	1.1	2.5	43	4	N

Appendix B

AET Project No. 01-04170

Geotechnical Report Limitations and Guidelines for Use

Appendix B
Geotechnical Report Limitations and Guidelines for Use
AET Project No. 01-04170

B.1 REFERENCE

This appendix provides information to help you manage your risks relating to subsurface problems which are caused by construction delays, cost overruns, claims, and disputes. This information was developed and provided by ASFE[1], of which, we are a member firm.

B.2 RISK MANAGEMENT INFORMATION

B.2.1 Geotechnical Services are Performed for Specific Purposes, Persons, and Projects

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical engineering study conducted for a civil engineer may not fulfill the needs of a construction contractor or even another civil engineer. Because each geotechnical engineering study is unique, each geotechnical engineering report is unique, prepared solely for the client. No one except you should rely on your geotechnical engineering report without first conferring with the geotechnical engineer who prepared it. And no one, not even you, should apply the report for any purpose or project except the one originally contemplated.

B.2.2 Read the Full Report

Serious problems have occurred because those relying on a geotechnical engineering report did not read it all. Do not rely on an executive summary. Do not read selected elements only.

B.2.3 A Geotechnical Engineering Report is Based on A Unique Set of Project-Specific Factors

Geotechnical engineers consider a number of unique, project-specific factors when establishing the scope of a study. Typically factors include: the client's goals, objectives, and risk management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, do not rely on a geotechnical engineering report that was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical engineering report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light industrial plant to a refrigerated warehouse,
- elevation, configuration, location, orientation, or weight of the proposed structure,
- composition of the design team, or
- project ownership.

As a general rule, always inform your geotechnical engineer of project changes, even minor ones, and request an assessment of their impact. Geotechnical engineers cannot accept responsibility or liability for problems that occur because their reports do not consider developments of which they were not informed.

B.2.4 Subsurface Conditions Can Change

A geotechnical engineering report is based on conditions that existed at the time the study was performed. Do not rely on a geotechnical engineering report whose adequacy may have been affected by: the passage of time; by man-made events, such as construction on or adjacent to the site; or by natural events, such as floods, earthquakes, or groundwater fluctuations. Always contact the geotechnical engineer before applying the report to determine if it is still reliable. A minor amount of additional testing or analysis could prevent major problems.

1 ASFE, 8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733: www.asfe.org

B.2.5 Most Geotechnical Findings Are Professional Opinions
Site exploration identified subsurface conditions only at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgment to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ, sometimes significantly, from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide construction observation is the most effective method of managing the risks associated with unanticipated conditions.

B.2.6 A Report's Recommendations Are Not Final
Do not overrely on the construction recommendations included in your report. Those recommendations are not final, because geotechnical engineers develop them principally from judgment and opinion. Geotechnical engineers can finalize their recommendations only by observing actual subsurface conditions revealed during construction. The geotechnical engineer who developed your report cannot assume responsibility or liability for the report's recommendations if that engineer does not perform construction observation.

B.2.7 A Geotechnical Engineering Report Is Subject to Misinterpretation
Other design team members' misinterpretation of geotechnical engineering reports has resulted in costly problems. Lower that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Contractors can also misinterpret a geotechnical engineering report. Reduce that risk by having your geotechnical engineer participate in prebid and preconstruction conferences, and by providing construction observation.

B.2.8 Do Not Redraw the Engineer's Logs
Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical engineering report should never be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, but recognize that separating logs from the report can elevate risk.

B.2.9 Give Contractors a Complete Report and Guidance
Some owners and design professionals mistakenly believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering report, but preface it with a clearly written letter of transmittal. In the letter, advise contractors that the report was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. Be sure contractors have sufficient time to perform additional study. Only then might you be in a position to give contractors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

B.2.10 Read Responsibility Provisions Closely
Some clients, design professionals, and contractors do not recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that have led to disappointments, claims, and disputes. To help reduce the risk of such outcomes, geotechnical engineers commonly include a variety of explanatory provisions in their report. Sometimes labeled "limitations" many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help others recognize their own responsibilities and risks. Read these provisions closely. Ask questions. Your geotechnical engineer should respond fully and frankly.

B.2.11 Geoenvironmental Concerns Are Not Covered
The equipment, techniques, and personnel used to perform a geoenvironmental study differ significantly from those used to perform a geotechnical study. For that reason, a geotechnical engineering report does not usually relate any geoenvironmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. Unanticipated environmental problems have led to numerous project failures. If you have not yet obtained your own geoenvironmental information, ask your geotechnical consultant for risk management guidance. Do not rely on an environmental report prepared for someone else.