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REPORT OF PAVEMENT TESTING, ENGINEERING ANALYSIS AND REVIEW

Pine Ridge Indian Reservation Roads

Pine Ridge, South Dakota

AET Project No. 01-04170

Date:

June 24, 2009

Prepared for:

Dakota Engineering, LLC
A Kadrmas, Lee & Jackson, Inc. Business Partner
330 Knollwood Drive
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Dakota Engineering, LLC
A Kadrmas, Lee & Jackson, Inc. Business Partner
330 Knollwood Drive
PO Box 3416
Rapid City, SD 57709-3416

Attn: Mr. Ross Eberle, PE

RE: Pavement Testing Engineering Analysis and Review
Pine Ridge Indian Reservation Roads
Pine Ridge, SD
AET Project No. 01-04170

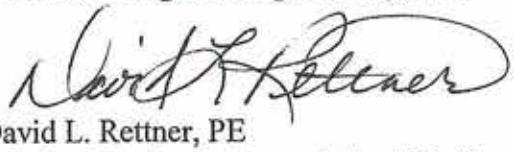
Dear Mr. Eberle:

This revised report presents the results of a pavement testing and analysis project performed on the roads of Pine Ridge Indian Reservation in South Dakota.

Please contact me if you have questions about the report.

Very truly yours,

American Engineering Testing, Inc.



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Report of Geotechnical Exploration and Review
Pine Ridge Indian Reservation Roads
AET Project No. 01-04170

June 24, 2009

Prepared for:

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Principal Engineer

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota

Date: 6/24/09 **License #:8560**

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PAVEMENT TESTING ENGINEERING ANALYSIS AND REVIEW FOR PINE RIDGE INDIAN RESERVATION ROADS PINE RIDGE, SOUTH DAKOTA AET PROJECT NO. 01-04170

1.0 INTRODUCTION

This report presents the results of the pavement testing, analysis and engineering review performed on the Pine Ridge Indian Reservation Roads located in South Dakota.

2.0 SCOPE OF SERVICES

The scope of work for the project is outlined below:

- Perform Falling Weight Deflectometer (FWD) testing at $1/10^{th}$ mile intervals. The total roadway mileage to be tested is approximately 206. Testing will be done using the standard 7 sensor Strategic Highway Research Program (SHRP) spacing and will be done with 2 seating drops and 2 drops at 9,000 lbs. force.
- Obtain pavement structure, soils, and traffic volume, and other information as shown in the RFP, from Dakota Engineering.
- Analyze FWD data for load capacity of the roadway (TONN), equivalent structural number, and subgrade modulus. If possible, determine the stiffness of each layer using back-calculation programs.
- Prepare engineering report discussing axle load capacity, equivalent structural number, general condition, and other issues related to roadway structure for each segment.
- After a review of the report above, AET will discuss possible rehabilitation options with Dakota Engineering and issue a second report with recommendations based on budgetary, functional, and other constraints, as identified during these discussions.

3.0 PROJECT INFORMATION

It is our understanding that this Falling Weight Deflectometer testing was performed both to determine the current structural condition of the roadways on the Pine Ridge Indian Reservation

and to assist in programming the most cost effective pavement repair/rehabilitation options for these roads in the future. The pavement structure information we have been provided (attached as Figure 1) indicates that several of the roadways currently are surfaced with only a chip seal over aggregate surfacing. The indicated surfacing construction dates vary between 1974 and 2004.

The presented project information represents our understanding of the project. This information is an integral part of our engineering review. It is important that you contact us if there are changes from that described so that we can evaluate whether modifications to our recommendations are appropriate.

4.0 SITE CONDITIONS

4.1 Surface/Existing Pavement Conditions

The pavement condition of the roadways tested ranges from poor to excellent. Several of the roadways such as BIA 35 and BIA 41 sections 30 and 50 are only surfaced with a chip-seal over an aggregate surfacing and are in generally poor condition. Other roadways such as BIA 2 – Section 20 were reconstructed between 2004-2006, are in good to excellent condition, and are due for routine maintenance such as crack sealing and chip sealing. BIA 28 is in very good condition, with a high structural capacity, after receiving a structural overlay in 2002. BIA 27-Section 20 is scheduled for reconstruction in 2009. Subgrade soils information was supplied to AET by Dakota Engineering in the form of the Shannon County, South Dakota Soils Map from the USGS. The soils map provides general subgrade information for the roadways, but does not provide any information regarding any subgrade corrections performed during roadway construction. In general the roadways are supported by plastic soils consisting of silt, silty loam, loam, and clay of the Keith-Colby (KhD), Kadoka-Epping (KbC), Oglala-Canyon (OcE), Tuthill, Keith-Rosebud (KrA) and Badlands Association (Ba) formations. These soils typically have R-values ranging between 10 and 20, although lower and higher values can be obtained depending

upon in-situ moisture condition, compactive effort during construction, and depth to underlying bedrock

Roadway condition information for the roadways currently being programmed for work in the near future was provided to AET by Dakota Engineering and is shown below:

- BIA 33 is in poor condition and is being considered for a bituminous overlay at this time. Full-Depth Reclamation or Total Reconstruction is also being considered, however funding is a major issue.
- BIA 27 – Section 20 is scheduled for reconstruction in 2009. The design calls for widening the roadway embankment and surfacing with 8 inches of aggregate base and 4 inches of asphaltic concrete.
- BIA 27 – Sections 60 and 80 are rutting and it is hoped that a thin lift overlay or Microsurface Treatment could be completed to extend the pavement life.
- BIA 41 - Section 30&50 only has a double Chip Seal. It is currently programmed for 4 inches of Asphalt Cement Concrete Pavement surfacing.
- BIA 35 is also only surfaced with a double chip seal, recommendations for surfacing are needed.
- BIA 2 from Sharps Corner to Kyle will need at a min a preservation treatment (Thin Lift or Micro-surfacing) in the near future.

5.0 FALLING WEIGHT DEFLECTOMETER TESTING

Falling Weight Deflectometer testing was performed during mid June 2008 using a Dynatest 8000 falling weight deflectometer (FWD). Such testing provides a wealth of information about the load-carrying capabilities of the pavement and the uniformity of support conditions. For this project, a four-drop load sequence of approximately 6,600 and 9,000 lbs force was used. The 9,000 lbs. load sequence approximates the load provided by one set of rear tires of a 9-ton axle

load. Deflections were measured at nine locations: one sensor located directly under the load plate, seven sensors in front of the load plate (8, 12, 18, 24, 36, 48 and 60 inches). One additional sensor was located 12 inches behind the load plate but was not used in this analysis (this is only used for concrete pavement joint load transfer measurements).

5.1 Data Analysis

The deflection data were analyzed using the AASHTO method for calculating effective structural number (Eff SN) and the Mn/DOT method for determining the allowable axle loads for a roadway (Investigation 603) revised in 1983. The attached tables and data plots were obtained from an analysis tool provided by Mn/DOT and modified by AET. The roadways were tested in the outside wheel path in the increasing direction (from start to end points as shown on the map provided by Dakota Engineering – Figure 2) at 500 feet intervals. The analysis for each of the roadway sections, as well as graphs of the structural analysis for each testing point is attached to this report in Appendix A.

Table 1 below compares the measured pavement structure (from information provided by Dakota Engineering) and the calculated structural number for each pavement section to the Effective SN calculated by analyzing the FWD data. To calculate the structural number a layer coefficient of 0.10 was used for aggregate base and 0.27 was used for existing bituminous pavement (slightly lower than that for new bituminous to account for age). It can be seen that for the majority of the pavement sections the measured Structural Number and the calculated Structural Number are very similar with only BIA 32 Section 10, BIA 27 Section 80, BIA 23 Section 10, BIA 2 Section 20, and BIA 2 Section 110 differing by more than 0.39, or the equivalent of 1 inch of bituminous. Of these, only BIA 27 Section 80, BIA 2 Section 20 and BIA 2 Section 110 have higher Effective SN's calculated from the FWD data than were measured from pavement coring information (indicated by negative numbers in the far right column), indicating that for the majority of the pavements tested the bituminous surfacing and aggregate base are generally structurally sound and are performing as would be expected from a structural standpoint.

Table 1 – Comparison of Measured Pavement SN vs. Calculated Pavement SN

Route #	Section #	Soil Type	Measured A/C	Measured Base	Measured SN	Calculated Average Effective SN	Measured SN - Calculated SN
41	20	Ba	6.7	3.0	3.60	3.80	-0.20
41	30&50	PsE	Chipseal	10.0	1.00	2.50	-1.50
41	60	Ba	4.0	10.0	2.08	2.40	-0.32
41	70	Tuthill	7.3		2.00	3.60	-1.60
39	10&20	KbC, OcE	4.0	6.5	1.73	2.40	-0.67
35	10	KhD	Chipseal	6.0	0.60	2.70	-2.10
33	10 (South 1.0 Mile)	Ba, KhB, OcE	3.5	7.7	1.72	2.60	-0.88
33	10 (mile 13.0 - 14.1)	Ba, KhB, OcE	3.5	7.7	1.72	1.70	0.02
33	10	Ba, KhB, OcE	3.5	7.7	1.72	2.10	-0.39
32	10	PcE, KbC	6.9	6.8	2.54	4.40	-1.86
28	10	OcE	7.8	8.5	2.96	4.70	-1.74
27	10	OcE	4.3	9.6	2.12	3.10	-0.98
27	20	OcE	4.1	6.0	1.71	2.60	-0.89
27	30	OcE	4.1	8.0	1.91	3.30	-1.39
27	40	KbC	5.1	8.1	2.19	3.40	-1.21
27	60	Aa, VaC	4.7	7.7	2.04	2.70	-0.66
27	80	Ba	4.8	7.5	2.05	2.20	-0.15
23	10	OcE	4.3	4.0	1.56	3.10	-1.54
4	10	KbC	7.4	6.4	2.64	4.10	-1.46
4	20	KbC	8.9	6.4	3.04	4.50	-1.46
2	20	Ba	4.0	10.0	2.08	2.50	-0.42
2	60	KbC	5.8	6.7	2.24	3.30	-1.06
2	80	KbC	6.2	6.0	2.27	3.30	-1.03
2	90		6.8	6.7	2.51	3.50	-0.99
2	110		5.6	8.0	2.31	3.00	-0.69
Allen Road			3.0	7.0	1.51	2.10	-0.59

Table 2 below shows summaries of the analysis of the FWD testing of each of the roadway sections. The daily traffic volume and ESAL's were provided by Dakota Engineering. The Average Effective Subgrade Modulus is the back-calculated subgrade modulus corrected to a

saturated spring condition for each section. The Design Subgrade Modulus was calculated at the 85th percentile of the Effective Modulus. While this method does not strictly follow the 1993 AASHTO Pavement Design Guide procedure which recommends divided the subgrade modulus by 3, we consider the values produced by this modified method to be more representative of the values that should be used for design.

Table 2 – Comparison of Calculated and Required Structural Number

Route #	Section #	AADT	ESALS	Soil Type	Effective SG Modulus	Design SG Modulus (85th Percentile)	Effective SN (85th Percentile)	Required SN	Required Additional SN	Required Overlay
41	20	1543	177331	Ba	6851	4677	2.8	2.9	0.1	0.26
41	30&50	562	128412	PsE	5775	4479	1.9	2.8	0.9	2.31
41	60	481	79493	Ba	5483	4102	1.9	2.7	0.8	2.05
41	70	498	48919	Tuthill	11256	6093	3	2.1	-0.9	0.00
39	10&20	367	12230	KbC, OcE	6572	4661	1.5	1.9	0.4	1.03
35	10	503	12230	KhD	8579	6071	2.2	1.8	-0.4	0.00
33	10 (South 1.0 Mile)		85608	Ba, KhB, OcE	6637	5584	2.4	2.9	0.5	1.30
33	10 (mile 13.0 - 14.1)	203	48919	Ba, KhB, OcE	3748	2987	1.35	2.7	1.35	3.46
33	10	203	48919	Ba, KhB, OcE	4541	3250	1.5	2.7	1.2	3.08
32	10	131	43239	PcE, KbC	8782	5965	3.8	2.1	-1.7	0.00
28	10	1266	85608	OcE	9057	6938	4.3	2.2	-2.1	0.00
27	10	1947	226250	OcE	8765	6430	2.7	2.7	0	0.00
27	20	1947	226250	OcE	7891	5578	2.2	2.9	0.7	1.79
27	30	1554	207905	OcE	11952	8030	2.7	2.5	-0.2	0.00
27	40	2133	195675	KbC	8649	5599	3	2.7	-0.3	0.00
27	60	425	183446	Aa, VaC	8058	5282	2.2	2.8	0.6	1.54
27	80	825	183446	Ba	7682	4707	1.6	2.9	1.3	3.33
23	10	582	31697	OcE	7537	6133	2.5	2	-0.5	0.00
4	10	1677	183446	KbC	8496	6509	3.5	2.6	-0.9	0.00
4	20	1071	183446	KbC	8886	6119	3.7	2.7	-1	0.00
2	20	112	18345	Ba	10265	8410	2.3	1.6	-0.7	0.00
2	60	2072	293513	KbC	6970	4480	2.6	3.2	0.6	1.54
2	80	1184	61459	KbC	6836	5113	2.5	2.4	-0.1	0.00

2	90	1184	61459		6677	5056	2.6	2.4	-0.2	0.00
2	110	388	61459		7358	5201	2.5	2.4	-0.1	0.00
Allen Rd			214020		6915	4866	1.5	3	1.5	3.85

The Average Effective SN was calculated using the AASHTO method. The required Structural Number (SN) was calculated using the AASHTO 1993 Pavement Design Guide procedure for flexible pavements using the 85th percentile subgrade modulus value. The reliability used for the designs was 85%. This is typical of low to medium volume roads. A higher reliability would increase the required pavement thickness (SN) and also increase the probability of the roadway reaching its 20-year design life with only normal maintenance. Based on the comparison of the calculated SN for each roadway vs. the required SN for each roadway, it appears that the Reliability of 85% is a good choice since for the roadways sections in good condition the two numbers are very similar. For calculating required overlay thickness a layer coefficient of 0.39 was used for bituminous. This number was supplied to us by Dakota Engineering and is based on their experience for new asphalt using the local materials and mix design procedures.

It can be seen from the Required Overlay column (far right) that several of the roadway sections require significant overlays (2-3 inches) to meet the structural requirements for the projected 20 year design traffic. This is not necessarily an indication of poor pavement condition, but rather an indication that the in place pavement structure is insufficient for the projected future traffic on the roadways.

It is noteworthy that the calculated subgrade resilient modulus for the majority of the roadways is comparatively low, ranging from 5,000 psi to 12,000 psi, with corresponding R-values between 5 and 20. Our experience with silty subgrade soils has shown that this is common if compaction subcuts of 3-4 feet were not performed on the existing soils. Generally, these types of soils have natural densities in the range of 85-92% of standard proctor density and can be expected to measure strengths of these magnitudes.

Since the SN estimates are sensitive to the pavement deterioration variables, the SN values can be used as a good indicator of the existing (or effective) structural condition of a pavement for the purpose of managing pavements. With the effective and required SN values of a pavement, the Structural Condition Index (SCI) can be established as the ratio of the effective SN and the required SN.

The Structural Condition Index generally has a variable range that is incompatible with the range of Pavement Condition Index (PCI) (0 to 100). The remaining structural life vs. SCI curve in the AASHTO 1993 Pavement Design Guide procedure was used to convert SCI to the remaining structural index (RSI), as shown in Appendix A.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The conclusions made in this report are based on our understanding of the project as described above. We have the following recommendations for the roadways that were being evaluated for rehabilitation projects in the near future.

- BIA 33 – Section 10 (BIA 14 to BIA 28 at Manderson). This roadway is currently in poor condition and is being considered for a bituminous overlay at this time. The roadway currently has a calculated average SN of 2.1, which is slightly below the SN of 2.5 obtained from the measured bituminous and aggregate base thickness. The 85th percentile SN is 1.5. Based on our analysis this roadway requires an SN of 2.7 to meet the 20 year design ESAL's of 48,919, which equates to a minimum 3.0 inch bituminous overlay. The attached data plot (Appendix A) shows that the strength of the roadway is generally consistent throughout its length, although the section between miles 13.0 and 14.1 is slightly weaker, with an 85th percentile SN of 1.35, equating to a 3.5 inch bituminous overlay. Additionally, the southern 1 mile of the roadway has a 20-year design traffic of 85,608 ESAL's. This portion of the roadway is more uniform, is slightly stronger and has a stronger subgrade, with an 85th percentile SN of 2.4 and a subgrade resilient modulus of 5,584 psi. This higher design traffic requires a design SN of 2.9, resulting in

a required overlay of 1.3 inches.

It is our understanding that a second option to consider for this roadway is 6.0 inches of bituminous stabilized Full-Depth Reclamation (FDR) overlaid with 2.0 inches of bituminous. This material can achieve a layer coefficient of 0.25- 0.28, which would result in a SN of approximately 3.0 and as well as the elimination of all of the underlying transverse cracks and any block cracking, which should improve the long-term performance of the roadway. Due to the relatively low subgrade modulus (average of 4,451 psi) we recommend that this type of work be scheduled for only July through early September to minimize impacts from rain events softening the subgrade during construction. We also recommend that the FDR contractor be required to use equipment with low contact pressure (less than 20 psi) so that the soft subgrade is not damaged during construction.

- BIA 33 – Section 10 (BIA 14 north to BIA 27 at Rockyford). It is our understanding that the Oglala Sioux Tribe Department of Transportation is considering reclaiming this section of roadway and temporarily making it an aggregate surfaced roadway until funding can be provided for reconstruction. We have been informed that the Tribe possesses an "Asphalt Zipper" and can self perform reclamation work using this equipment and their own labor forces. We have researched the use of this equipment and have determined that this approach would be feasible for a short term (up to 3-5 years with maintenance) rehabilitation option. We would recommend reclaiming the surface to a depth of 7 inches so that the blend of recycled asphalt pavement (RAP) and aggregate base is approximately 50/50. We also recommend that the Oglala Sioux Tribe Department of Transportation consider blending the reclaimed material onsite with 3-4% CSS-1H or HFMS-2 emulsion to stabilize the surface. The procedure would be to make one pass with the "Asphalt Zipper" to reclaim the material and break it into 1-inch minus material and then make a pass with an emulsion application truck such as a tack truck, and make a second pass with the "Asphalt Zipper" to blend the emulsion and the

reclaimed material together. The blended material should then be compacted with a pad foot roller (approximately 4 passes) followed by a road grader to trim the roadway to final grade and a steel drum roller (approximately 4 passes). A nuclear density gauge should be used to determine the optimum rolling configuration.

- BIA 27 -Section 40, 60, and 80 is rutting and it was hoped that a thin lift overlay or Microsurface Treatment could be completed to extend the pavement life. Section 40 is significantly stronger than Sections 60 and 80, with no need for a structural overlay. Based on our analysis and the presence of rutting in the roadway we do not recommend a bituminous overlay for Sections 60 and 80. We recommend that a 2.0 inch mill (nominal depth) and 4.5 inch bituminous overlay be considered. Our experience has found that if significant rutting has occurred, it is difficult to obtain adequate compaction in the ruts, oftentimes resulting in the reoccurrence of the rutting due to the presence of the higher air void material in the wheel-paths. Again, we also recommend the consideration of 6.0 inches of bituminous stabilized Full-Depth Reclamation (FDR) overlaid with 2.5 inches of bituminous. This material can achieve a layer coefficient of 0.25- 0.28, which would result in a SN of approximately 3.2 – 3.4. This type of rehabilitation treatment will also eliminate all of the underlying transverse cracks, which should improve the long-term performance of the roadway.

  We understand that this roadway will be used as a haul road during the reconstruction of BIA 14 and BIA 27 - Section 20, and that any rehabilitation or reconstruction will be delayed until those projects are completed. We recommend that these recommendations be revisited after these construction projects are completed and the condition of the roadway should be re-evaluated at that time due to potential damage caused by the heavy hauling.

- BIA 41 - Section 30&50 currently only has a double chip seal surfacing. It is currently programmed for 4 inches of Asphalt Cement Concrete Pavement surfacing. Based on our analysis we believe that a 4.0 inch bituminous overlay would perform very well, but may

be thicker than is required. Our analysis shows that a 2.0 inch overlay is necessary to provide the required SN for the roadway for the forecast traffic; however the currently programmed 4.0 inch bituminous overlay will provide additional structure and increase the probability that the roadway will meet its design life. Our experience has also shown that when a roadway is improved this oftentimes attracts additional traffic due to the improved ride quality. Our discussions with Dakota Engineering indicate that the bituminous surfacing will consist of SDDOT Hot Asphalt Concrete Pavement Class E. We recommend that either a PG 64-28 (preferred) or PG 64-22 binder be used in the asphalt. The former binder will be more crack resistant (down to -28 ^{O}C) but may be cost prohibitive or unavailable. The latter will be crack resistant down to -22 ^{O}C and will be less expensive.

- BIA 35 is also only surfaced with a double chip seal, recommendations for surfacing are needed. Based on our analysis this roadway has adequate strength to perform adequately for its forecast 20 year traffic of 12,230 ESAL's. We recommend either a thin bituminous overlay of 1.5 inches or a regular series of chip seals (3-5 year schedule) to maintain the roadway surface. We believe either alternative will perform adequately and that economics (both first cost and maintenance) should govern the decision
- BIA 2 Section 60-70, from Sharps Corner to Kyle will need at a minimum a preservation treatment (Thin Lift or Micro-surfacing) in the near future. Our analysis indicates that a 1.50 inch bituminous overlay is required to obtain the SN of 3.2 necessary to meet the 20 year forecasted traffic of 293,513 ESAL's. Based on the observed condition of the pavement on this roadway, we believe that this overlay will perform adequately for the desired 20 year performance period with regular maintenance. We recommend that the section of pavement between 0.5 miles and 0.8 miles east of Sharps Corner receive an additional 1.50 inches of bituminous, or a total of 4 inches. This portion of the roadway has an average SN of only 2.2. The 3.0 inch overlay will result in an SN of 3.5.
- BIA 2 Section 80, 90 & 110 (Kyle East to SD 44). We understand that the OST has

requested funding for reconstruction of this roadway. The FWD testing indicates the existing subgrade has a design resilient modulus of approximately 5100 psi for the entire section (ranging from 5056 to 5201 psi). Based on the design traffic of 61,459 ESAL's a SN of 2.4 is required. We would recommend a structure of 4 inches of Hot Asphalt Concrete Pavement over 9 inches of aggregate base which results in a SN of 2.46. The mix properties and binder should be determined during the final design stage of the project, when asphalt binder supply information is available, however we preliminarily recommend a PG 64-28 binder if the cost is reasonable. We also recommend that the traffic forecast be revisited prior to the final design. It is likely that if this roadway is improved the traffic volume will increase significantly.

In general the roads that were tested indicate pavement strength consistent with the materials in place and the measured pavement structures. The subgrade strengths measured appear to be somewhat lower than what would be expected, however the calculated strength is consistent throughout the majority of the roadways, indicating uniformity in the subgrade.

We do recommend a regular systematic approach to crack sealing, chip sealing, rut filling, and pot-hole patching be conducted to maintain and preserve the performance of the roadways. Much of this type of work can be self performed by OST roadway maintenance staff, which is very cost effective. This type of regular maintenance can increase the usable life of a low-volume roadway by as much as 50-75%.

7.0 LIMITATIONS

Within the limitations of scope, budget, and schedule, our services have been conducted according to generally accepted geotechnical engineering practices at this time and location. Other than this, no warranty, either expressed or implied, is intended.

Important information regarding risk management and proper use of this report is given in

Appendix B entitled "Geotechnical Report Limitations and Guidelines for Use".

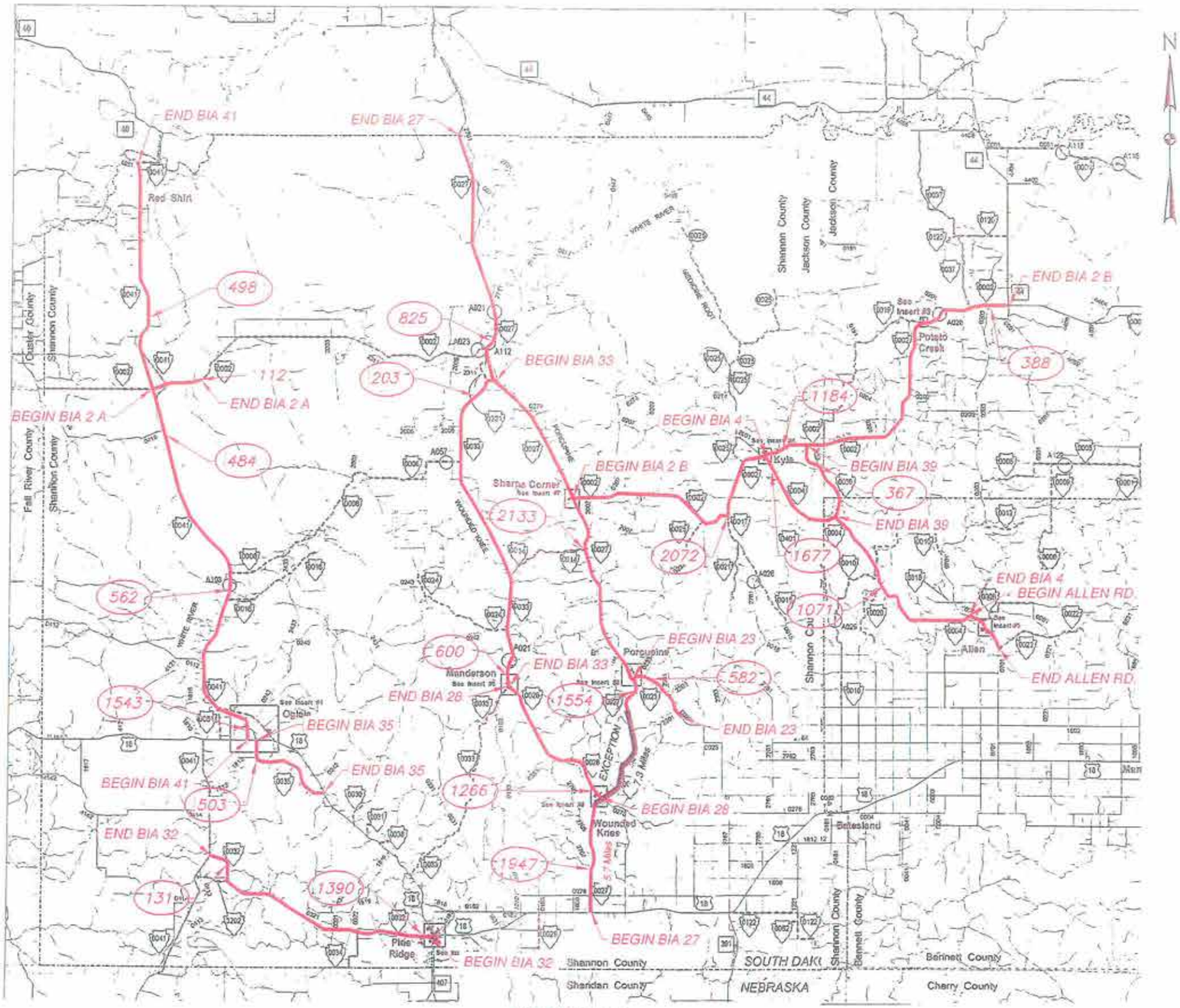
Appendix A

AET Project No. 01-04170

Oglala Sioux Tribe Bituminous Surfaced Road Summary
FWD Roadway Testing Map
FWD Testing Summaries
Remaining Structure Index Calculations

Oglala Sioux Tribe Bituminous Surfaced Rural Road Summary

Route #	Section #	Location Description	Length (Miles)	Pavement Type	2006 ADT	% Trucks	20 YR DESIGN LANE ESAL'S	Average Traffic Growth %	Soil Type	Core Data (avg's)		Pavement Section History										Surface Width (Ft)	Remarks
										Asphalt	Aggr Base	Year	Surface	Year	Base 1	Year	Base 2	Year	Subbase	Year	Subgrade		
2	20	BIA 41, East 1.8 Miles	1.8	Asphalt Concrete	112	1.3	18345	2%	S	4"	10"	2002	4"	2002	10"Aggr							37'	30	
2	10,30-50	Gravel					18345	2%	E															
2	60 - 70	BIA 27, Sharps Corner, East	17.9	Asphalt Concrete	2072	3.6	293513	2%	E	5.8"	6.7"	1988	2"	1974	2.5" Bit	1974	0.5" Seal	1974	6" Aggr	1974	29'	23	
2	70	Bridge # A129						2%																
2	80	Bridge # A129 East to BIA 19	3	Asphalt Concrete	1184	1.9	61459	2%	S	6.2"	6"	1979	2.5"	1975	0.5" Seal	1975	6" Aggr			1975	26'	22	
2	90	Shannon/Jackson County Line, East	11.8	Asphalt Concrete	1184	1.9	61459	2%	H	6.8"	6.7"	1980	2.5"	1976	0.5" Seal	1976	6" Aggr			1976	26'	22	
2	100	Bridge # A028						2%	A														
2	110	4.7 West of SD44(Bridge A028), East	4.7	Asphalt Concrete	388	6.1	61459	2%	N	5.6"	8"										27'	21	
								2%	N														
4	10	BIA 2 @ Kyle, South to County Line	5.5	Asphalt Concrete	1677	2.9	183446	2%	O	7.4	6.4	1995	2"								29'	23	
4	20	Shannon/Jackson County Line, South	11.9	Asphalt Concrete	1071	3	183446	2%	N	8.9	6.4	1995	2"								28'	24	
								2%															
23	10	BIA 27 @ Porcupine, East	3.9	Asphalt Concrete	582	3.5	31697	2%	C	4.3"	4"										27'	23	
								2%	O														
27	10	US 18, North	5.7	Asphalt Concrete	1947	3	226250	2%	U	4.3"	9.6"	1987	4"	1987	6" Aggr	1987	2" Salv			1987	36'	24	US 18 to Wounded Knee
27	20	5.7 Miles North of US 18, North	7.4	Asphalt Concrete	1947	3	226250	2%	N			1987	4"	1987	6" Aggr	1987	2" Salv			1987	46'	23	Recon Project Designed
27	30	13.1 Miles North of US 18, North	8.9	Asphalt Concrete	1554	4.2	207905	2%	T	4.1"	8"	1991	6"	1991	5" Aggr	1990	3"Aggr			1990	37'	31	BIA 2, S. 6 Mi
27	40	22 miles North of US 18, North	15.5	Asphalt Concrete	2133	3.1	195675	2%	Y	5.1"	8.1"	1974	2.5"	1974	0.5" Seal	1974	6" Aggr			1974	36'	26	BIA 2, N. 10.2 Mi
27	50	Bridge # A112						2%															
27	60	Cheyenne River Bridge, North	2.5	Asphalt Concrete	425	3	183446	2%	S	4.7"	7.7"										32'	22	
27	70	Bridge # A021						2%	O														
27	80	Pennington County Line, South	10.5	Asphalt Concrete	825	3	183446	2%	I	4.8"	7.5"	1987	4"	1987	2" Aggr						32'	22	Preservation
								2%	L														
28	10	BIA 27 @ Wounded Knee, North	8.8	Asphalt Concrete	1266	2.8	85608	2%		7.8"	8.5"	2002	4.5"								34'	26	
								2%	S														
32	10	BIA 41, East to Pine Ridge	14.3	Asphalt Concrete	131	6.9	43239	2%	U	6.9"	6.8"										28'	24	
								2%	R														
33	10	BIA 27 @ Rockyford, South	18.4	Asphalt Concrete	203	4.2	48919	2%	V	3.5"	7.7"										28'	23	
33	20	Bridge # A134						2%	E														May Need Reconstruction
33	30	Bridge # A134 to Manderson BIA 28	1	Asphalt Concrete	600	4.1	85608	2%	Y	3"	8"										28'	23	
33	40	BIA 28 @ Manderson, South	3	Gravel	430	3.5	37062	2%														20	
								2%															
35	10	1 mile west of Oglala, South	6	Chip Seal	503	2.1	12230	2%				2005	.5" Seal	2005	6" Aggr						30'	26	
								2%															
39	10	BIA 2, South	2.3	Asphalt Concrete	367	1.4	12230	2%		4.0"	7.2"										26'	22	
39	20	BIA 4, North	2.7	Asphalt Concrete	367	1.4	12230	2%		4.0"	5.8										26'	22	
								2%															
41	10	Nebraska State Line, North to US 18	13.9	Gravel	189	2.7	18531	2%										1964	4" Aggr	1964	32'	29	
41	20	US 18, North	9.2	Asphalt Concrete	1543	3.9	177331	2%		6.7"	1-3"	1994	3"					1962	4" Aggr	1962	29'	24	May Need Reconstuction
41	30	BIA 16, North	0.5	Chip Seal	562	3.1	128412	2%				2006	.5" Seal	2004	10"						44'	32	
41	40	Bridge # A103						2%															
41	50	Bridge # A103, North	10.1	Chip Seal	562	3.1	128412	2%				2006	.5" Seal	2004	10"						44'	32	
41	60	2.5 Miles South of BIA 2, North	5.3	Asphalt Concrete	481	2.9	79493	2%				2005	4"	2005	10" Aggr						36'	30	
41	70	Custer County Line, South	11	Asphalt Concrete	498	1.6	48919	2%		7.3"	0										30'	24	



NOT TO SCALE

Apr 30, 2008 - 12:48pm - J:\trans\OSTProjects\DE10508107 Road Maintenance\cadd\TRAFFIC DATA.dwg

County:	Pine Ridge Reservation
Date Tested:	6/19/2008
Julian:	171
Highway	BIA 41 - Section 20
From:	JCT US 18
To:	North 9.2 Miles
Dir	NB
Prev Day Temp	75 °F
Bit. Thickness	6.7 inches
Daily ESALs	20
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	177,371
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	11.81	17.71	23.62	35.4	47.24	59.1
	0	7.87	11.81	17.71	23.62	35.4	47.24	59.1
	27.57	21.78	17.27	12.36	9.43	5.72	3.89	2.92
		0.79	0.63	0.45	0.34	0.21	0.14	0.11

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							
	$_{s}BB_{80}$	Esg	Eff.	Eff SN	Axle Load for Design Defl. Tons		TONN
	mils	psi	R-val	inches	AASHTO		Tons
Avg. =	48.5	6,851	10.9	3.8	12.7		10.6
Median =	43.93	6,376	9.9	3.9	12.7		10.2
Std.Dev. =	20.07	2,454	4.8	0.8	3.2		3.6
85th % =	30.34	4,677	6.8	2.8	9.1		6.9

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	77.1	1	8:31 AM	92.3	6935	15.34	12.05	9.91	7.4	5.71	3.3	2.07	1.54	10.25	82.5	0.98	31.7	9,814	16.6	4.1	14.7	6.1	4.7	14.2
0.019	77.1	2	8:31 AM	92.3	6726	15.19	11.98	9.83	7.33	5.69	3.45	2.22	1.61	10.19	82.5	0.98	32.3	9,564	16.1	4.1	14.6	6.1	4.7	13.9
0.019	77.1	3	8:31 AM	92.3	8636	20.08	15.91	13.1	9.72	7.59	4.53	2.89	2.1	13.66	82.5	0.98	33.1	9,220	15.4	4.1	14.5	6.1	4.6	13.6
0.019	77.1	4	8:31 AM	92.3	8943	20.89	16.59	13.66	10.14	7.93	4.64	2.94	2.16	14.1	82.5	0.98	33.2	9,145	15.2	4.1	14.5	6.1	4.6	13.6
0.102	76.1	1	8:32 AM	91.8	6244	36.56	25.74	17.47	9.74	6.12	3.05	2.08	1.67	17.45	82.2	0.98	74.1	6,139	9.4	2.1	7.7	5.1	4.0	6.1
0.102	76.1	2	8:32 AM	91.8	6288	34.6	24.42	16.83	9.51	6.07	3.09	2.04	1.69	16.77	82.2	0.98	70.0	6,372	9.9	2.2	8.0	5.2	4.0	6.4
0.102	76.1	3	8:32 AM	91.8	8263	44.84	32.06	22.35	12.78	8.16	4.13	2.77	2.26	22.22	82.2	0.98	69.1	6,336	9.8	2.2	8.1	5.2	4.1	6.5
0.102	76.1	4	8:32 AM	91.8	8822	47.63	34.03	23.85	13.72	8.8	4.49	3.06	2.44	23.97	82.2	0.98	68.8	6,317	9.8	2.3	8.2	5.2	4.1	6.5
0.199	76.9	1	8:33 AM	92.9	6189	29.72	19.89	13.13	7.82	5.32	2.89	1.93	1.49	13.77	82.8	0.98	61.6	7,224	11.4	2.3	8.7	5.4	4.2	7.3
0.199	76.9	2	8:33 AM	92.9	6320	28.46	19.59	12.97	7.74	5.4	2.95	1.96	1.48	13.68	82.8	0.98	58.1	7,465	11.9	2.5	9.1	5.4	4.2	7.7
0.199	76.9	3	8:33 AM	92.9	8230	37.45	25.83	17.3	10.39	7.24	3.96	2.6	2.06	18.2	82.8	0.98	58.7	7,311	11.6	2.5	9.0	5.4	4.2	7.7
0.199	76.9	4	8:33 AM	92.9	8800	39.84	27.74	18.59	11.24	7.8	4.25	2.77	2.21	19.56	82.8	0.98	58.4	7,298	11.6	2.5	9.1	5.4	4.2	7.7
0.298	75.3	1	8:34 AM	91.1	6200	21.1	13.64	8.8	5.2	3.48	1.59	0.93	0.64	8.82	81.9	0.98	45.5	10,646	18.3	2.5	9.9	5.9	4.5	9.9
0.298	75.3	2	8:34 AM	91.1	6233	19.85	13.13	8.52	5.08	3.42	1.57	0.89	0.65	8.51	81.9	0.98	43.0	11,117	19.3	2.6	10.2	6.0	4.6	10.5
0.298	75.3	3	8:34 AM	91.1	8208	25.26	16.89	11.09	6.43	4.35	2.02	1.11	0.84	11.17	81.9	0.98	41.8	11,508	20.2	2.6	10.4	6.0	4.6	10.8
0.298	75.3	4	8:34 AM	91.1	8910	27.08	18.16	11.97	6.96	4.69	2.17	1.22	0.9	12.03	81.9	0.98	41.3	11,617	20.4	2.6	10.4	6.1	4.6	10.9
0.393	75.8	1	8:35 AM	90.7	6935	18.68	14.69	11.56	7.84	5.74	3.12	2.21	1.63	11.56	81.6	0.99	37.9	9,273	15.5	3.5	12.6	6.0	4.6	11.9
0.393	75.8	2	8:35 AM	90.7	6770	18.81	14.39	11.35	7.74	5.65	3.08	2.33	1.85	11.33	81.6	0.99	38.5	9,162	15.3	3.5	12.5	5.9	4.5	11.7
0.393	75.8	3	8:35 AM	90.7	8943	25.01	19.46	15.32	10.57	7.7	4.22	2.63	2.09	15.56	81.6	0.99	38.8	8,948	14.8	3.5	12.5	5.9	4.5	11.6
0.393	75.8	4	8:35 AM	90.7	8976	25.23	19.55	15.39	10.65	7.79	4.31	2.52	2.04	15.71	81.6	0.99	38.9	8,885	14.7	3.6	12.5	5.9	4.5	11.6
0.498	75.7	1	8:37 AM	90.2	6518	9.87	7.66	5.82	3.91	2.78	1.48	0.88	0.65	5.66	81.4	0.98	23.8	17,550	34.0	3.6	14.8	6.8	5.2	18.9
0.498	75.7	2	8:37 AM	90.2	6551	9.46	7.45	5.68	3.85	2.69	1.42	0.87	0.65	5.65	81.4	0.98	22.9	18,288	35.8	3.7	15.0	6.9	5.2	19.6
0.498	75.7	3	8:37 AM	90.2	8625	12.81	10.01	7.67	5.24	3.69	1.94	1.21	0.9	7.67	81.4	0.98	23.4	17,629	34.2	3.7	15.0	6.8	5.2	19.2
0.498	75.7	4	8:37 AM	90.2	8943	13.37	10.42	8.01	5.48	3.84	2.03	1.25	0.95	8	81.4	0.98	23.5	17,548	34.0	3.7	14.9	6.8	5.2	19.1
0.581	77.8	1	8:37 AM	92.1	6639	12.8	10.05	7.96	5.85	4.63	3.02	2.09	1.61	7.81	82.4	0.98	28.5	11,520	20.2	4.1	15.2	6.4	4.8	15.8

0.581	77.8	2	8:37 AM	92.1	6650	12.47	9.8	7.8	5.77	4.58	3.02	2.13	1.6	7.61	82.4	0.98	27.8	11,702	20.6	4.1	15.4	6.4	4.9	16.2
0.581	77.8	3	8:37 AM	92.1	8691	16.55	13.07	10.43	7.7	6.09	3.97	2.83	2.15	10.22	82.4	0.98	28.2	11,506	20.2	4.1	15.4	6.4	4.8	16.0
0.581	77.8	4	8:37 AM	92.1	9009	17.21	13.53	10.81	7.99	6.31	4.12	2.93	2.23	10.66	82.4	0.98	28.3	11,503	20.2	4.1	15.3	6.4	4.8	15.9
0.673	76.9	1	8:39 AM	90.0	6661	10.37	8.07	6.28	4.63	3.69	2.39	1.78	1.39	6.2	81.3	0.99	24.4	14,451	26.7	4.1	15.9	6.7	5.1	18.5
0.673	76.9	2	8:39 AM	90.0	6726	10.35	7.97	6.24	4.63	3.71	2.41	1.81	1.42	6.22	81.3	0.99	24.1	14,539	26.9	4.1	16.0	6.7	5.1	18.6
0.673	76.9	3	8:39 AM	90.0	8680	13.51	10.44	8.22	6.08	4.81	3.13	2.35	1.84	8.19	81.3	0.99	24.4	14,449	26.7	4.1	15.9	6.7	5.1	18.5
0.673	76.9	4	8:39 AM	90.0	9119	14.04	11	8.72	6.43	5.05	3.28	2.42	1.9	8.66	81.3	0.99	24.2	14,490	26.8	4.1	16.0	6.7	5.1	18.6
0.767	76.7	1	8:39 AM	94.8	6452	13.66	10.35	7.97	5.5	4.17	2.58	1.86	1.47	7.5	83.9	0.97	30.2	11,890	21.0	3.8	14.1	6.3	4.8	14.9
0.767	76.7	2	8:39 AM	94.8	6430	13.15	9.94	7.7	5.35	4.07	2.53	1.94	1.43	7.41	83.9	0.97	29.4	12,192	21.7	3.8	14.3	6.4	4.8	15.3
0.767	76.7	3	8:39 AM	94.8	8526	17.51	13.46	10.45	7.28	5.57	3.49	2.51	2	10.16	83.9	0.97	29.5	11,908	21.0	3.8	14.4	6.4	4.8	15.3
0.767	76.7	4	8:39 AM	94.8	8899	18.35	14.13	10.94	7.53	5.84	3.63	2.65	2.07	10.73	83.9	0.97	29.6	11,856	20.9	3.8	14.4	6.4	4.8	15.2
0.861	76.9	1	8:40 AM	91.8	6551	12.6	10.33	8.71	6.7	5.53	3.93	2.95	2.39	8.67	82.2	0.98	28.5	9,804	16.6	4.5	16.4	6.2	4.8	15.8
0.861	76.9	2	8:40 AM	91.8	6617	12.44	10.25	8.65	6.67	5.53	3.93	2.94	2.31	8.57	82.2	0.98	28.0	9,896	16.8	4.5	16.6	6.3	4.8	16.1
0.861	76.9	3	8:40 AM	91.8	8625	16.38	13.45	11.37	8.86	7.29	5.15	3.92	3.09	11.39	82.2	0.98	28.2	9,785	16.5	4.5	16.5	6.2	4.8	15.9
0.861	76.9	4	8:40 AM	91.8	8943	16.93	13.96	11.83	9.2	7.56	5.32	4.07	3.25	11.8	82.2	0.98	28.2	9,781	16.5	4.5	16.6	6.2	4.8	16.0
0.961	77.4	1	8:42 AM	89.0	6704	11.61	9.81	8.37	6.6	5.3	3.37	2.19	1.56	8.42	80.7	0.99	26.6	10,445	17.9	4.6	17.1	6.4	4.8	16.9
0.961	77.4	2	8:42 AM	89.0	6650	11.5	9.72	8.31	6.54	5.33	3.37	2.13	1.59	8.36	80.7	0.99	26.5	10,288	17.6	4.6	17.2	6.3	4.8	17.0
0.961	77.4	3	8:42 AM	89.0	8636	15.11	12.8	10.97	8.65	6.99	4.51	3.02	2.07	11.14	80.7	0.99	26.8	10,190	17.4	4.6	17.1	6.3	4.8	16.8
0.961	77.4	4	8:42 AM	89.0	8987	15.77	13.41	11.48	9.07	7.36	4.71	3.21	2.17	11.56	80.7	0.99	26.8	10,063	17.1	4.6	17.2	6.3	4.8	16.8
1.052	76.8	1	8:43 AM	91.2	6298	20.8	16.54	12.6	8.36	5.98	3.13	1.97	1.5	12.16	81.9	0.99	44.6	7,939	12.8	3.3	11.5	5.7	4.4	10.1
1.052	76.8	2	8:43 AM	91.2	6353	20.55	16.18	12.36	8.26	5.92	3.13	2	1.5	11.96	81.9	0.99	43.8	8,095	13.1	3.3	11.6	5.7	4.4	10.3
1.052	76.8	3	8:43 AM	91.2	8427	28.54	22.61	17.39	11.66	8.33	4.36	2.76	2.1	16.96	81.9	0.99	45.6	7,664	12.3	3.3	11.4	5.6	4.4	9.9
1.052	76.8	4	8:43 AM	91.2	8855	29.86	23.77	18.3	12.29	8.8	4.6	2.92	2.23	18.04	81.9	0.99	45.4	7,647	12.3	3.4	11.5	5.6	4.4	9.9
1.149	75.7	1	8:44 AM	70.4	6540	11.76	10.41	9.08	7.23	5.85	3.7	2.44	1.78	8.88	70.6	1.07	29.4	9,142	15.2	4.5	16.4	6.2	4.7	15.3
1.149	75.7	2	8:44 AM	70.4	6551	11.72	10.22	8.9	7.11	5.74	3.65	2.42	1.75	8.76	70.6	1.07	29.3	9,354	15.7	4.5	16.3	6.2	4.7	15.4
1.149	75.7	3	8:44 AM	70.4	8691	15.86	13.89	12.13	9.7	7.84	5	3.31	2.35	11.94	70.6	1.07	29.7	9,073	15.1	4.5	16.2	6.1	4.7	15.1
1.149	75.7	4	8:44 AM	70.4	8976	16.39	14.41	12.61	10.09	8.14	5.19	3.44	2.44	12.44	70.6	1.07	29.7	9,019	15.0	4.5	16.3	6.1	4.7	15.1
1.236	75.4	1	8:46 AM	85.7	6430	13.96	11.64	9.7	7.49	5.96	3.82	2.6	1.9	9.57	78.9	1.01	32.1	8,875	14.7	4.3	15.2	6.1	4.6	14.0
1.236	75.4	2	8:46 AM	85.7	6529	13.79	11.63	9.68	7.49	5.98	3.84	2.61	1.91	9.61	78.9	1.01	31.4	9,040	15.0	4.3	15.4	6.1	4.7	14.3
1.236	75.4	3	8:46 AM	85.7	8515	18.67	15.64	13.1	10.14	8.11	5.19	3.53	2.58	13.01	78.9	1.01	32.4	8,693	14.3	4.3	15.2	6.0	4.6	13.9
1.236	75.4	4	8:46 AM	85.7	8976	20.09	16.58	13.9	10.78	8.59	5.5	3.74	2.74	13.8	78.9	1.01	32.9	8,596	14.1	4.3	15.0	6.0	4.6	13.7
1.349	76.8	1	8:47 AM	90.9	6353	14.3	11.31	9	6.6	5.09	3.25	2.41	1.96	8.73	81.8	0.99	32.4	9,994	17.0	3.9	14.3	6.1	4.7	13.9
1.349	76.8	2	8:47 AM	90.9	6452	14.22	11.17	8.9	6.53	5.05	3.24	2.43	1.98	8.69	81.8	0.99	31.8	10,225	17.5	4.0	14.4	6.2	4.7	14.1
1.349	76.8	3	8:47 AM	90.9	8493	18.73	14.98	11.94	8.75	6.73	4.27	3.18	2.58	11.8	81.8	0.99	31.9	10,125	17.2	4.0	14.4	6.2	4.7	14.1
1.349	76.8	4	8:47 AM	90.9	8932	19.83	15.78	12.59	9.22	7.09	4.48	3.32	2.7	12.47	81.8	0.99	32.0	10,097	17.2	4.0	14.4	6.2	4.7	14.0
1.444	77.9	1	8:48 AM	91.2	6266	16.21	12.36	9.84	7.29	5.7	3.77	2.78	2.19	10.26	81.9	0.99	36.3	8,777	14.5	3.8	13.5	5.9	4.6	12.4
1.444	77.9	2	8:48 AM	91.2	6441	16.16	12.44	9.93	7.37	5.79	3.8	2.8	2.23	10.28	81.9	0.99	35.4	8,920	14.8	3.9	13.7	6.0	4.6	12.7
1.444	77.9	3	8:48 AM	91.2	8482	21.62	16.77	13.42	9.95	7.76	5.09	3.76	2.96	13.88	81.9	0.99	35.9	8,768	14.5	3.9	13.7	5.9	4.6	12.5
1.444	77.9	4	8:48 AM	91.2	8888	22.69	17.57	14.05	10.4	8.13	5.33	3.95	3.11	14.56	81.9	0.99	35.9	8,766	14.5	3.9	13.7	5.9	4.6	12.5
1.528	77.8	1	8:49 AM	91.4	6529	17.61	14.52	11.71	8.63	6.57	4.14	2.96	2.37	11.78	82.0	0.99	37.6	8,034	13.0	3.9	13.6	5.8	4.5	12.0
1.528	77.8	2	8:49 AM	91.4	6463	16.94	14.26	11.51	8.54	6.48	4.13	2.96	2.39	11.54	82.0	0.99	36.7	8,099	13.1	4.0	13.8	5.9	4.5	12.3
1.528	77.8	3	8:49 AM	91.4	8504	22.85	18.97	15.34	11.36	8.64	5.44	3.93	3.15	15.45	82.0	0.99	37.5	7,976	12.9	4.0	13.6	5.8	4.5	12.0
1.528	77.8	4	8:49 AM	91.4	8745	23.22	19.48	15.76	11.7	8.87	5.57	4.05	3.25	15.91	82.0	0.99	37.1	8,004	13.0	4.0	13.8	5.8	4.5	12.1
1.634	77.1	1	8:50 AM	88.6	6529	16.88	13.98	11.71	8.61	6.64	4.06	3.04	2.28	11.32	80.5	1.00	36.7	7,815	12.6	4.1	14.1	5.8	4.5	12.3
1.634	77.1	2	8:50 AM	88.6	6331	16.8	13.8	11.45	8.46	6.82	3.96	3	2.3	11.12	80.5	1.00	37.5	7,602	12.2	4.1	13.9	5.8	4.5	12.0

1.634	77.1	3	8:50 AM	88.6	8361	22.72	18.37	15.25	11.46	8.95	5.67	3.94	3.09	15	80.5	1.00	38.2	7,621	12.2	4.0	13.6	5.8	4.5	11.8
1.634	77.1	4	8:50 AM	88.6	8811	23.21	19.21	15.99	12	9.46	6.02	4.19	3.26	15.79	80.5	1.00	37.2	7,631	12.2	4.1	14.0	5.8	4.5	12.1
1.719	77.7	1	8:51 AM	89.6	6375	20.45	16.52	13.21	9.39	7.13	4.5	3.25	2.54	13.22	81.0	0.99	43.8	7,126	11.3	3.7	12.2	5.6	4.4	10.3
1.719	77.7	2	8:51 AM	89.6	6386	20.04	16.15	12.96	9.31	7.06	4.49	3.26	2.54	12.93	81.0	0.99	43.0	7,226	11.5	3.7	12.4	5.6	4.4	10.5
1.719	77.7	3	8:51 AM	89.6	8383	26.53	21.69	17.44	12.48	9.5	6	4.33	3.39	17.52	81.0	0.99	43.3	7,075	11.2	3.7	12.4	5.6	4.4	10.4
1.719	77.7	4	8:51 AM	89.6	8888	28.63	23.11	18.62	13.32	10.07	6.37	4.59	3.59	18.64	81.0	0.99	44.0	7,048	11.1	3.7	12.2	5.6	4.4	10.2
1.804	77.7	1	8:52 AM	90.4	6726	17.47	13.93	11.3	8.33	6.54	4.15	2.92	2.3	11.14	81.5	0.99	36.6	8,320	13.6	4.0	13.7	5.9	4.5	12.3
1.804	77.7	2	8:52 AM	90.4	6518	17.06	13.72	11.28	8.26	6.55	4.1	2.95	2.35	11.29	81.5	0.99	36.8	8,085	13.1	4.0	13.8	5.9	4.5	12.2
1.804	77.7	3	8:52 AM	90.4	8339	22.24	18.15	14.72	10.98	8.58	5.33	3.8	3	14.96	81.5	0.99	37.4	7,903	12.8	4.0	13.7	5.8	4.5	12.0
1.804	77.7	4	8:52 AM	90.4	8800	23.54	18.99	15.55	11.56	9	5.6	3.97	3.17	16.04	81.5	0.99	37.5	7,939	12.8	4.0	13.7	5.8	4.5	12.0
1.894	78.1	1	8:53 AM	91.3	6419	19	18.45	10.82	7.86	6.31	4.18	3.17	2.46	12.17	82.0	0.99	40.7	8,009	13.0	3.7	12.5	5.8	4.5	11.1
1.894	78.1	2	8:53 AM	91.3	6364	18.57	17.87	11.04	7.96	6.38	4.19	3.19	2.44	11.91	82.0	0.99	40.2	7,922	12.8	3.7	12.8	5.8	4.5	11.2
1.894	78.1	3	8:53 AM	91.3	8438	25.09	23.82	15.19	10.91	8.61	5.64	4.14	3.26	16.13	82.0	0.99	40.8	7,780	12.5	3.7	12.7	5.7	4.4	11.0
1.894	78.1	4	8:53 AM	91.3	8833	26.01	24.75	15.88	11.35	8.98	5.85	4.26	3.37	16.85	82.0	0.99	40.5	7,821	12.6	3.7	12.7	5.8	4.4	11.1
1.993	77.8	1	8:54 AM	92.0	6397	22.4	16.86	13.24	9.43	7.39	4.84	3.61	2.89	12.84	82.4	0.99	46.9	6,803	10.7	3.5	11.7	5.5	4.3	9.6
1.993	77.8	2	8:54 AM	92.0	6320	22	16.71	13.16	9.41	7.42	4.9	3.65	2.87	12.89	82.4	0.99	46.7	6,733	10.5	3.6	11.8	5.5	4.3	9.6
1.993	77.8	3	8:54 AM	92.0	8252	28.88	22.06	17.43	12.44	9.74	6.38	4.76	3.76	17.22	82.4	0.99	46.9	6,697	10.5	3.6	11.7	5.5	4.3	9.6
1.993	77.8	4	8:54 AM	92.0	8811	30.91	23.64	18.64	13.31	10.39	6.78	5.06	4	18.35	82.4	0.99	47.0	6,698	10.5	3.6	11.7	5.5	4.3	9.6
2.085	78.1	1	8:55 AM	92.6	6419	19.65	16.35	13.86	10.59	8.48	5.51	3.99	3.06	13.89	82.7	0.98	41.8	6,269	9.7	4.2	13.5	5.5	4.3	10.8
2.085	78.1	2	8:55 AM	92.6	6419	19.15	16.06	13.64	10.45	8.33	5.46	3.98	3.07	13.7	82.7	0.98	40.9	6,380	9.9	4.2	13.7	5.6	4.4	11.0
2.085	78.1	3	8:55 AM	92.6	8383	25.41	21.15	17.98	13.73	11.02	7.17	5.15	3.93	18.3	82.7	0.98	41.4	6,299	9.7	4.2	13.6	5.5	4.4	10.9
2.085	78.1	4	8:55 AM	92.6	8855	26.83	22.26	18.94	14.5	11.62	7.53	5.39	4.16	19.24	82.7	0.98	41.4	6,310	9.7	4.2	13.6	5.5	4.4	10.9
2.183	78.1	1	8:56 AM	91.3	6661	16.17	14.1	12.71	10.63	9.09	6.47	4.69	3.48	12.88	82.0	0.99	34.6	5,827	8.9	5.1	16.8	5.6	4.4	13.0
2.183	78.1	2	8:56 AM	91.3	6726	15.92	14.05	12.6	10.57	9.09	6.46	4.66	3.48	12.82	82.0	0.99	33.9	5,855	8.9	5.1	17.2	5.6	4.4	13.3
2.183	78.1	3	8:56 AM	91.3	8658	20.44	17.99	16.19	13.57	11.62	8.29	5.95	4.44	16.48	82.0	0.99	33.8	5,904	9.0	5.1	17.1	5.6	4.5	13.3
2.183	78.1	4	8:56 AM	91.3	9097	21.5	18.76	16.86	14.13	12.12	8.63	6.21	4.62	17.17	82.0	0.99	33.8	5,964	9.1	5.1	17.1	5.6	4.5	13.3
2.272	77.7	1	8:57 AM	92.0	6441	24.27	20.85	18.07	14.13	11.3	7.13	4.73	3.5	17.56	82.4	0.99	50.2	4,699	6.9	4.2	12.6	5.1	4.1	9.0
2.272	77.7	2	8:57 AM	92.0	6375	24.47	20.97	18.2	14.18	11.41	7.21	4.78	3.52	17.72	82.4	0.99	51.0	4,605	6.7	4.2	12.4	5.1	4.1	8.8
2.272	77.7	3	8:57 AM	92.0	8318	31.9	27.49	23.8	18.66	14.95	9.27	6.26	4.59	23.33	82.4	0.99	51.0	4,583	6.7	4.2	12.5	5.1	4.1	8.8
2.272	77.7	4	8:57 AM	92.0	8702	33.46	28.62	24.8	19.41	15.55	9.63	6.46	4.76	24.35	82.4	0.99	51.1	4,614	6.7	4.2	12.4	5.1	4.1	8.8
2.371	77.3	1	8:58 AM	90.5	6540	25.77	20.35	16.06	11.4	8.56	5.33	3.93	3.19	16.24	81.5	0.99	52.3	6,015	9.2	3.4	11.0	5.3	4.2	8.6
2.371	77.3	2	8:58 AM	90.5	6419	26.12	20.24	16.01	11.37	8.58	5.37	3.94	3.15	16.21	81.5	0.99	53.8	5,873	8.9	3.4	10.8	5.3	4.2	8.4
2.371	77.3	3	8:58 AM	90.5	8131	33.43	26.45	20.94	14.87	11.21	6.96	5.15	4.15	21.25	81.5	0.99	54.3	5,725	8.7	3.4	10.8	5.2	4.2	8.3
2.371	77.3	4	8:58 AM	90.5	8745	36.11	28.57	22.61	16.09	12.04	7.47	5.5	4.46	22.93	81.5	0.99	54.5	5,724	8.7	3.4	10.7	5.2	4.2	8.2
2.471	77.8	1	8:59 AM	90.9	6485	23.12	20.19	17.63	13.92	11.28	7.54	5.44	4.24	17.73	81.8	0.99	48.0	4,714	6.9	4.4	13.1	5.2	4.2	9.4
2.471	77.8	2	8:59 AM	90.9	6386	23.03	20.18	17.62	13.82	11.33	7.52	5.45	4.18	17.67	81.8	0.99	48.5	4,617	6.7	4.4	13.1	5.1	4.1	9.3
2.471	77.8	3	8:59 AM	90.9	8339	29.87	26.07	22.76	17.87	14.48	9.53	6.74	5.13	22.86	81.8	0.99	48.2	4,727	6.9	4.3	13.1	5.2	4.2	9.3
2.471	77.8	4	8:59 AM	90.9	8800	31.49	27.54	24.04	18.79	15.28	10	7.08	5.38	23.96	81.8	0.99	48.1	4,726	6.9	4.3	13.1	5.2	4.2	9.4
2.573	77.9	1	9:01 AM	92.0	7067	14.68	12.5	11.1	9.21	7.76	5.3	3.67	2.67	11.2	82.4	0.99	30.3	7,362	11.7	5.0	17.4	5.9	4.6	14.8
2.573	77.9	2	9:01 AM	92.0	6913	14.11	12.22	10.87	9.01	7.59	5.23	3.62	2.67	10.99	82.4	0.99	29.9	7,333	11.7	5.0	17.7	5.9	4.6	15.0
2.573	77.9	3	9:01 AM	92.0	8658	17.96	15.79	14.05	11.65	9.8	6.73	4.66	3.41	14.27	82.4	0.99	30.3	7,087	11.2	5.1	17.7	5.9	4.6	14.8
2.573	77.9	4	9:01 AM	92.0	8932	18.43	16.42	14.61	12.11	10.19	6.97	4.78	3.51	14.86	82.4	0.99	30.2	7,006	11.0	5.1	17.9	5.9	4.6	14.9
2.655	77.4	1	9:02 AM	93.3	6924	12.91	11.82	10.78	9.31	8.04	5.7	3.99	2.83	10.66	83.1	0.98	27.8	6,570	10.2	5.6	20.0	5.9	4.6	16.2
2.655	77.4	2	9:02 AM	93.3	6781	12.84	11.74	10.71	9.23	7.99	5.68	3.98	2.86	10.58	83.1	0.98	28.1	6,478	10.0	5.6	19.8	5.9	4.6	16.0
2.655	77.4	3	9:02 AM	93.3	8647	16.55	15.1	13.77	11.84	10.24	7.28	5.11	3.64	13.67	83.1	0.98	28.4	6,463	10.0	5.6	19.7	5.9	4.6	15.9

2.655	77.4	4	9:02 AM	93.3	8932	17.06	15.56	14.17	12.17	10.54	7.49	5.26	3.75	14.01	83.1	0.98	28.3	6,491	10.1	5.6	19.7	5.9	4.6	15.9
2.752	79.5	1	9:03 AM	93.8	6650	19.31	16.38	13.67	10.2	7.69	4.05	2.19	1.42	13.85	83.3	0.98	39.6	7,064	11.1	4.1	13.6	5.7	4.4	11.4
2.752	79.5	2	9:03 AM	93.8	6551	19.25	16.31	13.61	10.16	7.66	4.02	2.17	1.41	13.83	83.3	0.98	40.0	6,966	11.0	4.1	13.5	5.7	4.4	11.2
2.752	79.5	3	9:03 AM	93.8	8350	25.37	21.56	18.03	13.52	10.15	5.43	2.95	1.96	18.36	83.3	0.98	41.2	6,725	10.5	4.1	13.3	5.6	4.4	10.9
2.752	79.5	4	9:03 AM	93.8	8855	26.89	22.81	19.09	14.28	10.75	5.76	3.15	2.12	19.7	83.3	0.98	41.2	6,733	10.5	4.1	13.3	5.6	4.4	10.9
2.849	78.1	1	9:04 AM	92.6	6858	13.61	12.12	10.86	9.09	7.64	5.18	3.5	2.44	10.72	82.7	0.98	29.2	7,142	11.3	5.2	18.3	5.9	4.6	15.4
2.849	78.1	2	9:04 AM	92.6	6715	13.65	12.07	10.81	9.04	7.6	5.16	3.48	2.44	10.72	82.7	0.98	29.8	7,048	11.1	5.2	18.1	5.9	4.6	15.1
2.849	78.1	3	9:04 AM	92.6	8570	17.65	15.67	14.06	11.75	9.87	6.71	4.53	3.16	13.95	82.7	0.98	30.1	6,916	10.9	5.2	18.1	5.9	4.6	15.0
2.849	78.1	4	9:04 AM	92.6	8899	18.2	16.11	14.43	12.09	10.15	6.89	4.64	3.26	14.37	82.7	0.98	29.9	6,990	11.0	5.2	18.1	5.9	4.6	15.0
2.945	77.7	1	9:05 AM	92.4	6803	16.56	14.67	13.04	10.63	8.85	5.73	3.67	2.47	12.83	82.6	0.99	34.5	6,199	9.5	4.9	16.5	5.7	4.5	13.0
2.945	77.7	2	9:05 AM	92.4	6617	16.41	14.57	12.96	10.63	8.74	5.66	3.66	2.46	12.99	82.6	0.99	35.0	6,110	9.4	4.9	16.3	5.6	4.4	12.8
2.945	77.7	3	9:05 AM	92.4	8537	21.32	18.92	16.82	13.74	11.36	7.41	4.71	3.04	16.85	82.6	0.99	35.2	6,064	9.3	4.9	16.3	5.6	4.4	12.8
2.945	77.7	4	9:05 AM	92.4	8822	22.04	19.5	17.32	14.15	11.69	7.61	4.85	3.25	17.4	82.6	0.99	35.2	6,096	9.3	4.9	16.2	5.6	4.4	12.8
3.042	77	1	9:06 AM	94.0	6573	14.93	13.07	11.13	8.53	6.81	4.39	3.13	2.45	11.04	83.4	0.98	32.3	7,970	12.9	4.5	15.8	6.0	4.6	13.9
3.042	77	2	9:06 AM	94.0	6562	15.2	12.75	10.87	8.33	6.69	4.34	3.12	2.45	10.83	83.4	0.98	32.9	8,116	13.2	4.4	15.4	6.0	4.6	13.7
3.042	77	3	9:06 AM	94.0	8647	19.83	16.78	14.3	10.99	8.78	5.63	4	3.11	14.32	83.4	0.98	32.6	8,147	13.2	4.5	15.6	6.0	4.6	13.8
3.042	77	4	9:06 AM	94.0	8943	20.57	17.37	14.81	11.37	9.08	5.85	4.14	3.21	14.85	83.4	0.98	32.7	8,149	13.2	4.4	15.5	6.0	4.6	13.8
3.133	79.1	1	9:07 AM	95.3	6222	21.03	15.33	11.54	7.57	5.32	2.93	1.93	1.45	11.19	84.2	0.97	44.7	8,418	13.8	3.2	11.2	5.7	4.4	10.1
3.133	79.1	2	9:07 AM	95.3	6244	19.96	14.78	11.15	7.31	5.2	2.89	1.9	1.48	10.9	84.2	0.97	42.6	8,740	14.4	3.3	11.5	5.8	4.5	10.6
3.133	79.1	3	9:07 AM	95.3	8263	26.5	19.71	14.94	9.81	7.04	3.92	2.63	2.02	14.67	84.2	0.97	42.7	8,605	14.1	3.3	11.6	5.8	4.5	10.5
3.133	79.1	4	9:07 AM	95.3	8778	28.24	20.94	15.91	10.49	7.55	4.23	2.89	2.03	15.72	84.2	0.97	42.8	8,544	14.0	3.3	11.6	5.8	4.5	10.5
3.230	79.1	1	9:08 AM	94.3	6551	18.35	13.09	9.75	6.84	5.19	3.29	2.31	1.81	10.04	83.6	0.97	38.3	9,461	15.9	3.5	12.4	6.0	4.6	11.8
3.230	79.1	2	9:08 AM	94.3	6430	17.93	12.82	9.56	6.72	5.19	3.28	2.33	1.79	9.92	83.6	0.97	38.1	9,360	15.7	3.5	12.5	6.0	4.6	11.8
3.230	79.1	3	9:08 AM	94.3	8197	23.61	17.06	12.79	9.03	6.74	4.39	3.18	2.37	13.24	83.6	0.97	39.2	9,145	15.2	3.5	12.3	5.9	4.5	11.5
3.230	79.1	4	9:08 AM	94.3	8778	25.22	18.24	13.72	9.65	7.41	4.73	3.34	2.56	14.08	83.6	0.97	39.1	8,994	14.9	3.5	12.4	5.9	4.5	11.5
3.324	79.5	1	9:09 AM	93.8	6430	16.63	12.37	9.67	6.88	5.24	3.2	2.18	1.64	9.69	83.3	0.97	35.9	9,520	16.0	3.7	13.2	6.0	4.6	12.6
3.324	79.5	2	9:09 AM	93.8	6485	16.35	12.13	9.49	6.78	5.16	3.17	2.18	1.64	9.57	83.3	0.97	35.1	9,755	16.5	3.7	13.3	6.1	4.6	12.8
3.324	79.5	3	9:09 AM	93.8	8559	21.86	16.5	12.92	9.25	7.04	4.32	2.96	2.25	13.13	83.3	0.97	35.5	9,491	15.9	3.7	13.3	6.0	4.6	12.7
3.324	79.5	4	9:09 AM	93.8	8844	22.57	17.1	13.4	9.6	7.3	4.46	3.04	2.3	13.64	83.3	0.97	35.5	9,470	15.9	3.7	13.4	6.0	4.6	12.7
3.422	78.5	1	9:10 AM	94.7	6408	14.09	11.15	8.96	6.69	5.22	3.34	2.46	1.86	9.11	83.8	0.97	31.3	9,911	16.8	4.1	14.8	6.2	4.7	14.4
3.422	78.5	2	9:10 AM	94.7	6485	13.92	11.06	8.9	6.67	5.19	3.4	2.39	1.9	9.09	83.8	0.97	30.7	10,100	17.2	4.1	15.0	6.2	4.7	14.7
3.422	78.5	3	9:10 AM	94.7	8625	19.33	15.17	12.24	9.17	7.12	4.58	3.27	2.56	12.65	83.8	0.97	31.8	9,769	16.5	4.1	14.7	6.1	4.7	14.2
3.422	78.5	4	9:10 AM	94.7	8811	19.47	15.56	12.55	9.39	7.28	4.66	3.39	2.59	13	83.8	0.97	31.4	9,789	16.5	4.1	14.8	6.2	4.7	14.3
3.514	78.3	1	9:11 AM	94.2	6430	13.57	10.98	8.97	6.62	5.17	3.28	2.32	1.82	8.74	83.6	0.97	30.3	10,092	17.2	4.2	15.2	6.2	4.7	14.8
3.514	78.3	2	9:11 AM	94.2	6397	13.15	10.71	8.74	6.43	5.09	3.25	2.32	1.85	8.56	83.6	0.97	29.7	10,225	17.5	4.2	15.4	6.2	4.8	15.1
3.514	78.3	3	9:11 AM	94.2	8515	17.72	14.5	11.88	8.74	6.89	4.37	3.11	2.44	11.79	83.6	0.97	30.0	10,062	17.1	4.2	15.4	6.2	4.7	15.0
3.514	78.3	4	9:11 AM	94.2	8811	18.31	15.02	12.33	9.04	7.14	4.51	3.19	2.52	12.19	83.6	0.97	30.0	10,052	17.1	4.2	15.4	6.2	4.7	15.0
3.607	78.9	1	9:12 AM	95.5	6529	16.92	13.97	11.34	8.24	6.29	3.7	2.52	1.93	11.24	84.3	0.97	35.7	8,386	13.7	4.0	14.0	5.9	4.6	12.6
3.607	78.9	2	9:12 AM	95.5	6529	16.6	13.69	11.12	8.14	6.2	3.69	2.52	1.93	11.03	84.3	0.97	35.2	8,515	14.0	4.0	14.1	5.9	4.6	12.8
3.607	78.9	3	9:12 AM	95.5	8504	22.25	18.22	14.84	10.88	8.3	4.91	3.34	2.58	14.8	84.3	0.97	36.0	8,283	13.5	4.0	14.0	5.9	4.5	12.5
3.607	78.9	4	9:12 AM	95.5	8921	23.26	19.08	15.56	11.37	8.69	5.14	3.52	2.7	15.56	84.3	0.97	35.9	8,301	13.5	4.0	14.0	5.9	4.5	12.5
3.696	79	1	9:13 AM	94.4	6726	22.9	17.71	14.44	10.87	7.99	4.59	3.2	2.37	14.46	83.7	0.98	45.4	6,710	10.5	3.7	12.1	5.5	4.3	9.9
3.696	79	2	9:13 AM	94.4	6496	22.16	17.25	14.07	10.38	7.8	4.56	3.15	2.49	14.19	83.7	0.98	45.5	6,651	10.4	3.7	12.1	5.5	4.3	9.9
3.696	79	3	9:13 AM	94.4	8296	28.99	23.24	19.03	14.07	10.56	6.11	4.18	3.27	19.26	83.7	0.98	46.5	6,321	9.8	3.8	12.1	5.5	4.3	9.7
3.696	79	4	9:13 AM	94.4	8767	31.02	24.81	20.31	14.98	11.27	6.52	4.44	3.45	20.62	83.7	0.98	47.0	6,256	9.6	3.7	12.0	5.4	4.3	9.6

3.809	78.7	1	9:14 AM	94.8	6474	14.45	12.06	10.33	8.13	6.61	4.35	3.06	2.26	10.1	83.9	0.97	31.8	8,086	13.1	4.6	16.0	6.0	4.6	14.2
3.809	78.7	2	9:14 AM	94.8	6463	14.35	12.03	10.26	8.12	6.58	4.35	3.07	2.27	10.11	83.9	0.97	31.7	8,107	13.2	4.6	16.0	6.0	4.6	14.2
3.809	78.7	3	9:14 AM	94.8	8438	19.12	16.01	13.65	10.8	8.76	5.8	4.04	3.01	13.65	83.9	0.97	32.2	7,951	12.9	4.6	15.9	6.0	4.6	14.0
3.809	78.7	4	9:14 AM	94.8	8967	20.3	17.08	14.57	11.48	9.32	6.19	4.26	3.2	14.55	83.9	0.98	32.1	7,958	12.9	4.6	15.9	6.0	4.6	14.0
3.892	78.8	1	9:15 AM	95.9	6288	31.5	24.59	18.35	11.81	8.3	4.52	3.22	2.63	17.55	84.5	0.97	63.6	5,537	8.3	2.9	9.3	5.1	4.1	7.1
3.892	78.8	2	9:15 AM	95.9	6342	30.87	24.44	18.26	11.76	8.24	4.54	3.23	2.66	17.73	84.5	0.97	61.9	5,653	8.5	2.9	9.5	5.1	4.1	7.3
3.892	78.8	3	9:15 AM	95.9	8230	40.85	32.3	24.22	15.64	10.91	5.94	4.25	3.5	23.77	84.5	0.97	63.1	5,541	8.3	2.9	9.4	5.1	4.1	7.1
3.892	78.8	4	9:15 AM	95.9	8745	43.99	34.59	25.87	16.61	11.71	6.32	4.54	3.71	25.74	84.5	0.97	63.8	5,479	8.2	2.9	9.3	5.1	4.0	7.1
3.983	80.6	1	9:16 AM	96.7	6606	23.49	19.26	16.07	12.29	9.8	6.31	4.43	3.33	16.37	84.9	0.97	47.0	5,535	8.3	4.0	12.6	5.3	4.2	9.6
3.983	80.6	2	9:16 AM	96.7	6584	23.54	19.37	16.17	12.37	9.86	6.33	4.43	3.34	16.51	84.9	0.97	47.2	5,485	8.2	4.0	12.6	5.3	4.2	9.5
3.983	80.6	3	9:16 AM	96.7	8252	30.98	25.58	21.39	16.35	13	8.33	5.82	4.41	21.92	84.9	0.98	49.3	5,215	7.8	4.0	12.3	5.2	4.2	9.1
3.983	80.6	4	9:16 AM	96.7	8713	32.97	27.19	22.72	17.35	13.77	8.8	6.13	4.67	23.38	84.9	0.98	49.7	5,196	7.7	4.0	12.2	5.2	4.2	9.1
4.069	80.1	1	9:17 AM	96.4	6792	19.04	16.96	14.52	11.61	9.39	5.97	3.99	3.11	14.95	84.8	0.97	38.3	5,923	9.0	4.6	15.1	5.5	4.4	11.7
4.069	80.1	2	9:17 AM	96.4	6551	19.44	16.44	14.13	11.28	9.14	5.89	3.95	3.15	14.59	84.8	0.97	40.2	5,903	9.0	4.5	14.4	5.5	4.3	11.2
4.069	80.1	3	9:17 AM	96.4	8318	25.28	21.49	18.44	14.76	11.99	7.61	5.02	3.99	19.2	84.8	0.97	41.1	5,708	8.6	4.5	14.3	5.5	4.3	11.0
4.069	80.1	4	9:17 AM	96.4	8833	26.41	22.86	19.68	15.7	12.71	8.02	5.41	4.19	20.54	84.8	0.97	40.5	5,709	8.6	4.5	14.5	5.5	4.3	11.1
4.167	81.4	1	9:18 AM	98.6	6617	21.4	17.13	14.13	10.75	8.58	5.57	3.87	2.95	13.91	86.0	0.97	43.0	6,306	9.7	4.1	13.1	5.5	4.3	10.5
4.167	81.4	2	9:18 AM	98.6	6485	21.06	17.02	14.05	10.69	8.55	5.56	3.87	2.93	13.79	86.0	0.97	43.1	6,211	9.6	4.1	13.2	5.5	4.3	10.4
4.167	81.4	3	9:18 AM	98.6	8515	27.57	22.45	18.62	14.17	11.3	7.31	5.07	3.87	18.33	86.0	0.97	43.0	6,177	9.5	4.1	13.2	5.5	4.3	10.5
4.167	81.4	4	9:18 AM	98.6	8877	28.71	23.44	19.44	14.81	11.78	7.58	5.26	4.01	19.17	86.0	0.97	43.0	6,178	9.5	4.1	13.2	5.5	4.3	10.5
4.268	80.6	1	9:19 AM	98.4	6375	22.41	18.2	14.97	11.1	8.81	5.77	4.1	3.15	15.1	85.9	0.97	46.3	5,901	9.0	3.9	12.5	5.4	4.3	9.7
4.268	80.6	2	9:19 AM	98.4	6353	22.73	18.2	15.03	11.2	8.87	5.84	4.15	3.23	15.28	85.9	0.97	47.0	5,835	8.9	3.9	12.4	5.4	4.2	9.6
4.268	80.6	3	9:19 AM	98.4	8339	30.12	24.42	20.13	15	11.79	7.68	5.43	4.23	20.51	85.9	0.97	47.4	5,764	8.7	3.9	12.3	5.4	4.2	9.5
4.268	80.6	4	9:19 AM	98.4	8767	31.56	25.78	21.18	15.78	12.46	8.05	5.69	4.31	21.67	85.9	0.97	47.2	5,742	8.7	3.9	12.4	5.4	4.2	9.5
4.362	80.1	1	9:20 AM	98.7	6694	28.11	19.52	15.33	10.92	8.31	5.21	3.94	3.02	15.19	86.0	0.96	53.9	6,127	9.4	3.3	10.6	5.3	4.2	8.4
4.362	80.1	2	9:20 AM	98.7	6726	28.46	19.78	15.6	11.06	8.5	5.37	3.89	3.19	15.37	86.0	0.96	54.2	6,040	9.2	3.3	10.6	5.3	4.2	8.3
4.362	80.1	3	9:20 AM	98.7	8383	37.83	26.38	20.77	14.64	11.23	7	5.07	4.12	20.44	86.0	0.97	57.5	5,686	8.6	3.2	10.2	5.2	4.1	7.8
4.362	80.1	4	9:20 AM	98.7	8713	40.12	28.06	21.97	15.65	11.79	7.3	5.42	4.23	21.78	86.0	0.97	58.6	5,611	8.5	3.2	10.1	5.2	4.1	7.7
4.464	79.4	1	9:21 AM	99.1	6683	16.06	14.54	12.96	10.88	9.16	6.33	4.39	3.24	13.36	86.2	0.97	33.5	5,775	8.8	5.2	17.4	5.6	4.4	13.4
4.464	79.4	2	9:21 AM	99.1	6551	15.92	14.41	12.87	10.78	9.09	6.28	4.38	3.22	13.01	86.2	0.97	33.8	5,702	8.6	5.2	17.3	5.6	4.4	13.3
4.464	79.4	3	9:21 AM	99.1	8570	20.68	18.7	16.71	13.98	11.79	8.16	5.66	4.16	17.15	86.2	0.97	33.6	5,754	8.7	5.2	17.4	5.6	4.4	13.4
4.464	79.4	4	9:21 AM	99.1	8932	21.47	19.4	17.31	14.52	12.22	8.41	5.88	4.3	17.71	86.2	0.97	33.5	5,790	8.8	5.2	17.4	5.6	4.4	13.4
4.554	80.3	1	9:22 AM	97.7	6595	16.43	14.69	13.24	11.17	9.56	6.62	4.56	3.6	12.8	85.5	0.97	34.7	5,422	8.1	5.2	17.2	5.5	4.4	13.0
4.554	80.3	2	9:22 AM	97.7	6474	16.08	14.62	13.21	11.14	9.5	6.57	4.62	3.59	12.76	85.5	0.97	34.6	5,325	8.0	5.3	17.4	5.5	4.4	13.0
4.554	80.3	3	9:22 AM	97.7	8482	21.01	19.04	17.2	14.52	12.31	8.49	5.9	4.56	16.72	85.5	0.97	34.5	5,402	8.1	5.3	17.3	5.5	4.4	13.0
4.554	80.3	4	9:22 AM	97.7	8899	22.2	19.93	18.02	15.23	12.85	8.83	6.15	4.72	17.54	85.5	0.97	34.7	5,454	8.2	5.2	17.2	5.5	4.4	13.0
4.645	78.8	1	9:24 AM	99.3	6244	26.7	22.22	18.65	14.19	11.28	7.37	5.32	4.2	18.96	86.4	0.97	55.2	4,550	6.6	3.9	11.6	5.0	4.1	8.2
4.645	78.8	2	9:24 AM	99.3	6309	27.15	22.58	18.94	14.45	11.46	7.43	5.26	4.07	19.17	86.4	0.97	55.5	4,525	6.6	3.9	11.5	5.0	4.1	8.1
4.645	78.8	3	9:24 AM	99.3	8109	35.57	29.5	24.82	18.75	14.88	9.57	6.78	5.21	25.54	86.4	0.97	56.4	4,476	6.5	3.9	11.4	5.0	4.0	8.0
4.645	78.8	4	9:24 AM	99.3	8691	38.17	31.61	26.47	20.13	15.93	10.3	7.37	5.82	26.73	86.4	0.97	56.5	4,480	6.5	3.9	11.3	5.0	4.0	8.0
4.745	79.4	1	9:25 AM	99.3	6288	26.39	21.49	17.95	13.63	10.68	6.66	4.63	3.56	17.54	86.4	0.97	54.1	4,819	7.1	3.9	11.5	5.1	4.1	8.3
4.745	79.4	2	9:25 AM	99.3	6309	25.94	21.17	17.7	13.43	10.57	6.63	4.61	3.55	17.39	86.4	0.97	53.1	4,890	7.2	3.9	11.7	5.1	4.1	8.5
4.745	79.4	3	9:25 AM	99.3	8372	34.64	28.48	23.83	18.14	14.23	8.88	6.18	4.76	23.55	86.4	0.97	53.4	4,824	7.1	3.9	11.7	5.1	4.1	8.4
4.745	79.4	4	9:25 AM	99.3	8756	36.24	29.74	24.89	18.92	14.84	9.25	6.44	4.97	24.72	86.4	0.97	53.4	4,836	7.1	3.9	11.7	5.1	4.1	8.4
4.839	80.2	1	9:26 AM	99.8	6694	19.59	17.2	14.73	11.71	9.52	6.13	4.21	3.1	14.57	86.6	0.96	39.4	5,769	8.8	4.6	14.8	5.5	4.3	11.4

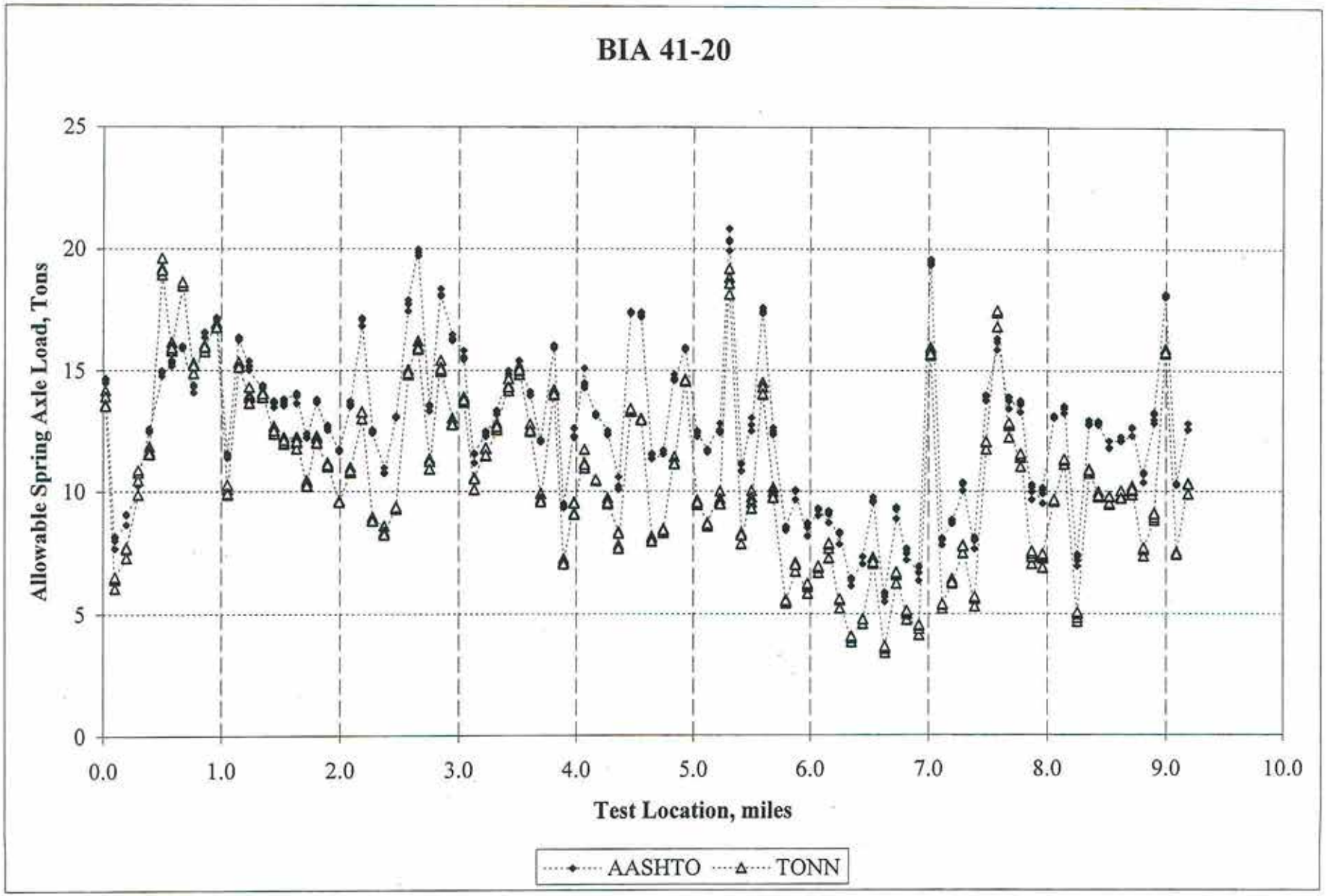
4.839	80.2	2	9:26 AM	99.8	6463	19.43	16.89	14.5	11.54	9.4	6.09	4.23	3.13	14.37	86.6	0.97	40.3	5,644	8.5	4.6	14.6	5.5	4.3	11.2
4.839	80.2	3	9:26 AM	99.8	8471	25.39	22.27	19.12	15.22	12.36	7.99	5.52	4.06	18.99	86.6	0.97	40.2	5,622	8.5	4.6	14.7	5.5	4.3	11.2
4.839	80.2	4	9:26 AM	99.8	8833	26.66	23.25	19.97	15.91	12.91	8.35	5.77	4.26	19.96	86.6	0.97	40.4	5,616	8.5	4.6	14.6	5.5	4.3	11.1
4.931	80.4	1	9:27 AM	75.0	6661	13.03	10.87	9.27	7.45	6.21	4.32	3.1	2.36	9.5	73.1	1.05	30.7	8,821	14.6	4.5	15.9	6.1	4.7	14.6
4.931	80.4	2	9:27 AM	75.0	6573	12.96	10.73	9.18	7.38	6.15	4.3	3.12	2.36	9.39	73.1	1.05	30.9	8,793	14.5	4.5	15.8	6.1	4.7	14.6
4.931	80.4	3	9:27 AM	75.0	8603	16.93	14.09	12.05	9.7	8.07	5.66	4.11	3.1	12.33	73.1	1.05	30.9	8,767	14.5	4.5	15.9	6.1	4.7	14.6
4.931	80.4	4	9:27 AM	75.0	8965	17.62	14.68	12.54	10.1	8.44	5.9	4.28	3.25	12.85	73.1	1.05	30.8	8,730	14.4	4.5	15.9	6.1	4.7	14.6
5.035	82.1	1	9:29 AM	102.3	6430	23.18	18.3	15.02	11.24	8.86	5.76	4.17	3.22	15.09	88.0	0.96	46.7	5,892	9.0	3.9	12.4	5.4	4.3	9.6
5.035	82.1	2	9:29 AM	102.3	6288	22.62	18.26	15.01	11.24	8.87	5.77	4.21	3.27	15.07	88.0	0.96	46.7	5,778	8.8	4.0	12.5	5.4	4.2	9.6
5.035	82.1	3	9:29 AM	102.3	8274	30.48	24.22	19.91	14.86	11.67	7.56	5.41	4.24	20.02	88.0	0.96	47.6	5,758	8.7	3.9	12.3	5.4	4.2	9.4
5.035	82.1	4	9:29 AM	102.3	8855	32.21	26.02	21.35	15.89	12.51	8.06	5.8	4.52	21.52	88.0	0.95	47.1	5,762	8.7	3.9	12.4	5.4	4.2	9.6
5.122	80.4	1	9:30 AM	102.7	6474	26.12	21.13	17.43	12.91	9.97	6.08	4.19	3.23	17.55	88.2	0.96	51.6	5,271	7.9	3.8	11.7	5.2	4.2	8.7
5.122	80.4	2	9:30 AM	102.7	6375	26.14	21.05	17.41	12.9	9.99	6.11	4.23	3.26	17.52	88.2	0.96	52.4	5,181	7.7	3.8	11.6	5.2	4.1	8.6
5.122	80.4	3	9:30 AM	102.7	8274	34.01	27.68	22.89	16.99	13.13	8	5.51	4.27	23.06	88.2	0.96	52.5	5,124	7.6	3.8	11.6	5.2	4.1	8.6
5.122	80.4	4	9:30 AM	102.7	8669	35.2	28.78	23.82	17.63	13.63	8.28	5.69	4.47	24.06	88.2	0.96	51.9	5,175	7.7	3.8	11.7	5.2	4.1	8.7
5.229	81.7	1	9:32 AM	101.5	6496	22.36	18.14	14.97	11.29	8.88	5.63	4.07	3.2	14.9	87.6	0.96	45.0	5,973	9.1	4.0	12.8	5.4	4.3	10.0
5.229	81.7	2	9:32 AM	101.5	6397	22.8	18.18	15.04	11.33	8.95	5.74	4.15	3.28	14.99	87.6	0.96	46.4	5,828	8.9	4.0	12.6	5.4	4.3	9.7
5.229	81.7	3	9:32 AM	101.5	8175	29.69	24.23	20.03	15.06	11.84	7.52	5.41	4.26	20.02	87.6	0.96	47.2	5,642	8.5	4.0	12.5	5.3	4.2	9.5
5.229	81.7	4	9:32 AM	101.5	8745	32	26.15	21.56	16.2	12.7	7.95	5.81	4.56	21.64	87.6	0.96	47.5	5,623	8.5	4.0	12.4	5.3	4.2	9.5
5.307	80.9	1	9:33 AM	100.9	6847	10.66	9.63	8.59	7.32	6.11	4.52	3.33	2.27	7.86	87.3	0.95	23.5	8,856	14.6	5.5	20.8	6.3	4.9	19.2
5.307	80.9	2	9:33 AM	100.9	6726	10.74	9.52	8.49	7.23	5.98	4.48	3.3	2.26	8.49	87.3	0.95	23.9	8,972	14.9	5.4	20.3	6.3	4.8	18.8
5.307	80.9	3	9:33 AM	100.9	8581	14.38	12.41	11.07	9.36	7.96	5.76	4.2	3.21	10.62	87.3	0.95	24.8	8,613	14.2	5.3	19.9	6.2	4.8	18.1
5.307	80.9	4	9:33 AM	100.9	9009	14.63	12.88	11.48	9.73	8.27	6.03	4.4	3.37	11.07	87.3	0.95	24.2	8,648	14.2	5.4	20.4	6.3	4.8	18.6
5.412	80.9	1	9:34 AM	101.4	6496	27.56	22.4	18.45	13.2	9.85	5.96	4.03	2.97	17.29	87.5	0.96	54.1	5,285	7.9	3.6	11.2	5.2	4.1	8.3
5.412	80.9	2	9:34 AM	101.4	6452	27.72	22.51	18.57	13.35	10.02	6.1	4.14	3	17.74	87.5	0.96	54.8	5,173	7.7	3.6	11.1	5.1	4.1	8.2
5.412	80.9	3	9:34 AM	101.4	8197	36.91	30.17	24.94	17.92	13.38	8.14	5.5	4.22	23.93	87.5	0.96	57.2	4,924	7.3	3.6	10.8	5.1	4.1	7.9
5.412	80.9	4	9:34 AM	101.4	8680	39.15	31.99	26.49	19.02	14.17	8.64	5.82	4.49	25.45	87.5	0.96	57.3	4,922	7.3	3.6	10.8	5.1	4.1	7.9
5.499	80.5	1	9:35 AM	101.8	6529	22.47	18.59	15.47	11.84	9.37	5.76	3.81	2.81	15.3	87.8	0.96	44.9	5,721	8.7	4.1	13.0	5.4	4.3	10.0
5.499	80.5	2	9:35 AM	101.8	6485	23	18.45	15.43	11.82	9.36	5.71	3.78	2.72	15.46	87.8	0.96	46.1	5,675	8.6	4.1	12.8	5.4	4.2	9.8
5.499	80.5	3	9:35 AM	101.8	8208	29.77	24.78	20.66	15.9	12.56	7.7	5.02	3.61	20.8	87.8	0.96	47.1	5,371	8.0	4.1	12.7	5.3	4.2	9.6
5.499	80.5	4	9:35 AM	101.8	8702	32.56	26.83	22.45	17.15	13.61	8.23	5.48	3.78	22.39	87.8	0.96	48.4	5,251	7.8	4.1	12.5	5.3	4.2	9.3
5.595	82.1	1	9:36 AM	101.8	6913	15.36	13.59	11.99	9.78	8.14	5.39	3.72	2.72	11.69	87.8	0.95	31.0	6,862	10.8	5.1	17.6	5.9	4.6	14.5
5.595	82.1	2	9:36 AM	101.8	6770	15.3	13.53	11.96	9.74	8.11	5.4	3.71	2.74	11.63	87.8	0.95	31.5	6,745	10.5	5.1	17.4	5.8	4.5	14.3
5.595	82.1	3	9:36 AM	101.8	8559	19.83	17.56	15.56	12.73	10.61	7.04	4.89	3.56	15.16	87.8	0.96	32.1	6,503	10.1	5.1	17.3	5.8	4.5	14.0
5.595	82.1	4	9:36 AM	101.8	8943	20.68	18.28	16.17	13.26	11.05	7.33	5.11	3.71	15.9	87.8	0.96	32.1	6,527	10.1	5.1	17.3	5.8	4.5	14.0
5.684	81	1	9:37 AM	100.2	6419	21.72	17.66	14.23	10.44	8.07	4.96	3.43	2.63	13.9	86.9	0.96	44.3	6,425	10.0	3.9	12.6	5.5	4.3	10.2
5.684	81	2	9:37 AM	100.2	6288	21.71	17.51	14.1	10.37	8.04	4.96	3.44	2.65	13.89	86.9	0.96	45.1	6,313	9.7	3.9	12.5	5.5	4.3	10.0
5.684	81	3	9:37 AM	100.2	8241	29.04	23.57	19.11	14	10.83	6.65	4.61	3.52	18.86	86.9	0.96	46.0	6,151	9.4	3.9	12.4	5.4	4.3	9.8
5.684	81	4	9:37 AM	100.2	8811	31.25	25.26	20.45	15.02	11.61	7.13	4.94	3.8	20.33	86.9	0.96	46.2	6,131	9.4	3.8	12.3	5.4	4.3	9.7
5.794	81.7	1	9:38 AM	100.4	6002	40.04	32.4	25.65	17.92	13.53	7.93	5.3	3.98	25.07	87.0	0.97	82.6	3,508	4.9	3.0	8.4	4.5	3.8	5.4
5.794	81.7	2	9:38 AM	100.4	6035	39.17	31.47	25.06	17.66	13.43	7.94	5.34	4.02	24.82	87.0	0.97	80.5	3,567	5.0	3.1	8.6	4.5	3.8	5.6
5.794	81.7	3	9:38 AM	100.4	7966	52.37	42.31	33.5	23.77	18	10.7	7.15	5.34	33.26	87.0	0.97	81.5	3,515	4.9	3.1	8.5	4.5	3.8	5.5
5.794	81.7	4	9:38 AM	100.4	8515	55.7	45.44	35.94	25.53	19.34	11.5	7.64	5.65	35.96	87.0	0.97	81.2	3,505	4.9	3.1	8.5	4.5	3.8	5.5
5.875	81.9	1	9:39 AM	101.3	6178	32.93	26.11	20.97	14.96	11	6.26	3.96	2.95	21.52	87.5	0.96	66.6	4,428	6.4	3.3	9.7	4.9	3.9	6.8
5.875	81.9	2	9:39 AM	101.3	6309	31.86	25.77	20.76	14.87	11.01	6.31	4.1	2.99	21.46	87.5	0.96	63.4	4,557	6.6	3.4	10.0	4.9	4.0	7.1

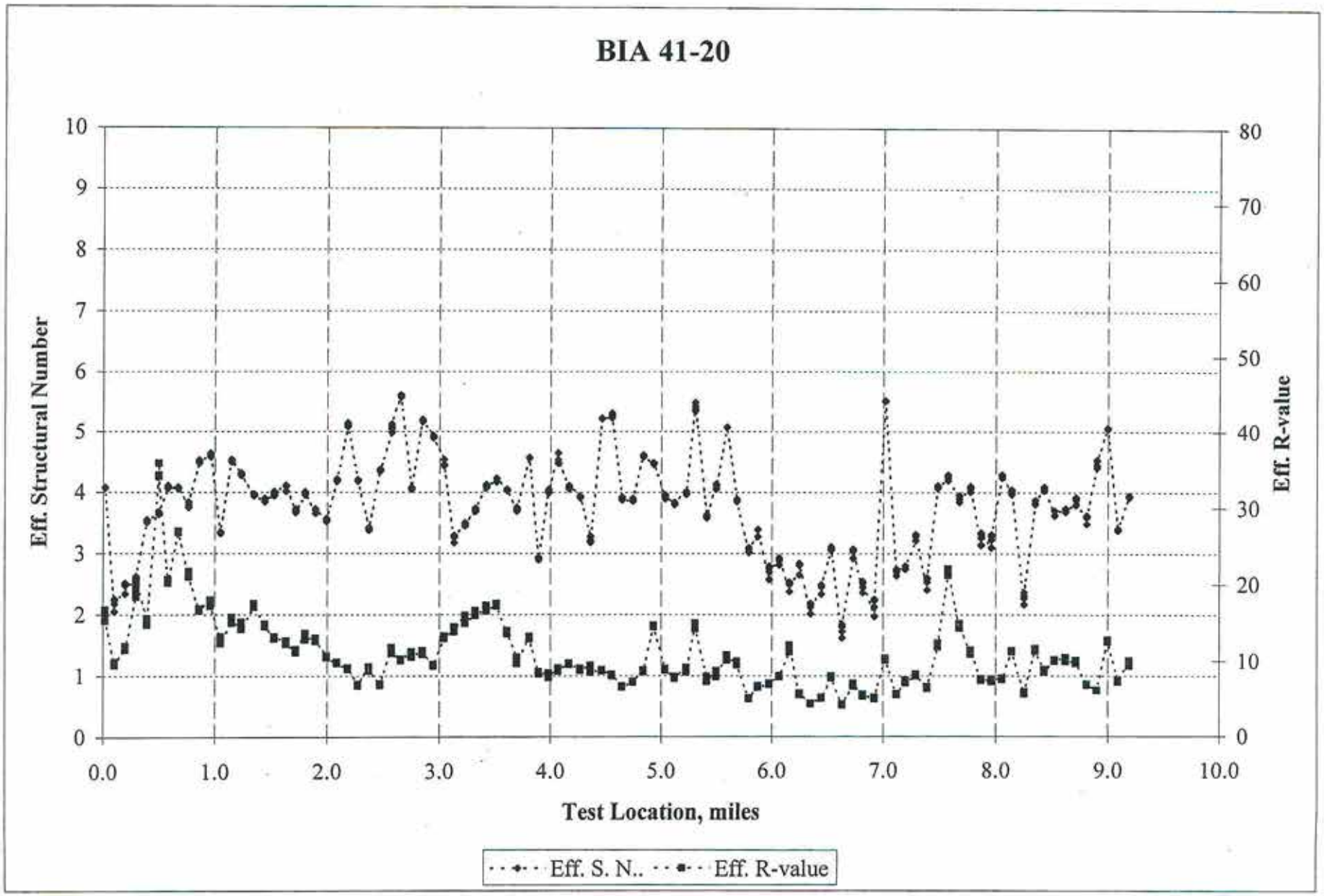
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5.875	81.9	4	9:39 AM	101.3	8724	44.58	35.91	29.01	20.94	15.55	8.93	5.81	4.28	30.46	87.5	0.96	64.1	4,471	6.5	3.4	10.0	4.9	4.0	7.0
5.978	82	1	9:40 AM	101.9	6145	38.68	26.89	19.41	12.67	9.23	5.55	3.9	3.06	20.82	87.8	0.96	77.2	4,684	6.9	2.6	8.2	4.8	3.9	5.8
5.978	82	2	9:40 AM	101.9	6156	36.85	26.13	19.06	12.56	9.24	5.6	3.95	3.1	20.11	87.8	0.96	73.7	4,779	7.0	2.7	8.5	4.9	3.9	6.1
5.978	82	3	9:40 AM	101.9	8065	47.4	34.24	25.21	16.69	12.26	7.36	5.19	4.03	26.24	87.8	0.96	72.5	4,775	7.0	2.8	8.6	4.9	3.9	6.2
5.978	82	4	9:40 AM	101.9	8614	50.18	36.56	26.99	17.78	13.16	7.89	5.46	4.23	28.24	87.8	0.96	71.9	4,776	7.0	2.8	8.7	4.9	3.9	6.3
6.069	82	1	9:41 AM	101.3	6222	33.87	25.36	18.43	11.99	8.48	4.3	2.4	1.7	18.17	87.5	0.95	67.2	5,260	7.9	2.8	9.0	5.0	4.0	6.7
6.069	82	2	9:41 AM	101.3	6200	32.67	24.59	18.03	11.76	8.4	4.45	2.54	1.55	18	87.5	0.95	65.3	5,346	8.0	2.9	9.2	5.1	4.0	6.9
6.069	82	3	9:41 AM	101.3	8054	42.39	32.06	23.65	15.47	11.11	5.8	3.23	2.05	23.41	87.5	0.95	65.2	5,288	7.9	2.9	9.3	5.0	4.0	6.9
6.069	82	4	9:41 AM	101.3	8702	45.41	34.44	25.46	16.78	11.98	6.22	3.64	2.34	25.41	87.5	0.95	64.7	5,312	7.9	2.9	9.3	5.1	4.0	7.0
6.159	81.8	1	9:42 AM	104.5	6408	33.06	21.82	14.77	8.27	5.36	2.35	1.3	0.89	15.12	89.3	0.92	61.7	7,086	11.2	2.4	8.7	5.3	4.2	7.3
6.159	81.8	2	9:42 AM	104.5	6441	31.4	21.03	14.37	8.17	5.34	2.37	1.32	0.9	14.74	89.3	0.92	58.7	7,313	11.6	2.5	9.0	5.4	4.2	7.7
6.159	81.8	3	9:42 AM	104.5	8427	40.24	27.11	18.51	10.49	6.79	2.98	1.65	1.13	19.06	89.3	0.92	57.5	7,497	12.0	2.5	9.1	5.4	4.2	7.8
6.159	81.8	4	9:42 AM	104.5	8954	42.37	28.7	19.67	11.15	7.24	3.18	1.76	1.21	20.19	89.3	0.92	57.0	7,515	12.0	2.5	9.2	5.5	4.2	7.9
6.249	84.6	1	9:43 AM	100.9	6002	42.06	31.46	23.91	15.98	11.61	6.68	4.36	3.21	23.47	87.3	0.97	86.0	3,843	5.5	2.6	7.8	4.6	3.8	5.2
6.249	84.6	2	9:43 AM	100.9	6068	39.69	30.45	23.31	15.76	11.51	6.69	4.36	3.23	23	87.3	0.97	80.7	3,985	5.7	2.8	8.3	4.6	3.8	5.6
6.249	84.6	3	9:43 AM	100.9	7912	51.87	39.56	30.43	20.66	15.13	8.8	5.75	4.27	30.52	87.3	0.97	80.9	3,960	5.6	2.8	8.3	4.6	3.8	5.6
6.249	84.6	4	9:43 AM	100.9	8548	55.49	42.54	32.83	22.35	16.35	9.49	6.19	4.59	33.1	87.3	0.97	80.1	3,973	5.7	2.8	8.3	4.6	3.8	5.6
6.350	82.1	1	9:44 AM	102.3	5827	56.75	41.65	30.05	18.74	13.26	7.43	5.13	3.94	29.01	88.1	0.97	117.2	3,066	4.2	2.0	6.2	4.2	3.5	3.8
6.350	82.1	2	9:44 AM	102.3	5936	55.35	40.88	29.83	18.86	13.43	7.59	5.27	4.07	29.04	88.1	0.97	112.5	3,131	4.3	2.1	6.4	4.2	3.6	4.0
6.350	82.1	3	9:44 AM	102.3	7747	71.33	53.38	39.19	24.9	17.66	9.96	6.89	5.29	38.37	88.1	0.97	111.2	3,132	4.3	2.2	6.5	4.2	3.6	4.0
6.350	82.1	4	9:44 AM	102.3	8449	77.29	58.08	42.7	27.19	19.28	10.8	7.49	5.76	41.98	88.1	0.97	110.5	3,138	4.3	2.2	6.5	4.2	3.6	4.1
6.446	81.9	1	9:45 AM	103.3	5991	48.68	35.34	26.03	16.81	12.04	6.83	4.7	3.59	26.19	88.6	0.96	98.2	3,551	5.0	2.3	7.0	4.4	3.7	4.6
6.446	81.9	2	9:45 AM	103.3	6024	46.61	34.41	25.56	16.69	12.04	6.9	4.77	3.63	25.98	88.6	0.96	93.8	3,630	5.1	2.5	7.3	4.5	3.7	4.8
6.446	81.9	3	9:45 AM	103.3	7857	60.83	45.44	34	22.32	16.06	9.18	6.32	4.81	34.37	88.6	0.96	93.9	3,578	5.0	2.5	7.3	4.4	3.7	4.8
6.446	81.9	4	9:45 AM	103.3	8438	65.57	48.93	36.73	24.07	17.39	9.94	6.76	5.13	37.68	88.6	0.96	94.3	3,555	5.0	2.5	7.3	4.4	3.7	4.8
6.534	84.3	1	9:46 AM	104.4	6397	33.56	27.05	21.16	13.77	9.16	3.64	1.69	1.3	19.37	89.2	0.93	63.8	5,170	7.7	3.1	9.5	5.0	4.0	7.1
6.534	84.3	2	9:46 AM	104.4	6320	31.97	25.85	20.3	13.19	8.79	3.48	1.64	1.28	18.89	89.2	0.93	61.6	5,337	8.0	3.1	9.8	5.1	4.1	7.3
6.534	84.3	3	9:46 AM	104.4	8219	42.7	34.39	27.07	17.66	11.83	4.76	2.37	1.89	25.04	89.2	0.94	63.2	5,171	7.7	3.1	9.6	5.0	4.0	7.1
6.534	84.3	4	9:46 AM	104.4	8745	45.39	36.52	28.71	18.78	12.52	5.03	2.52	2	27.11	89.2	0.94	63.2	5,191	7.7	3.1	9.6	5.0	4.0	7.1
6.634	81.6	1	9:47 AM	104.3	5892	65.61	47.24	32.63	19.06	12.79	7.26	5.15	3.95	32.33	89.2	0.96	132.3	2,974	4.1	1.6	5.5	4.1	3.5	3.4
6.634	81.6	2	9:47 AM	104.3	5925	63.15	45.74	32.01	18.94	12.79	7.34	5.2	4.02	31.89	89.2	0.96	127.0	3,042	4.2	1.7	5.7	4.1	3.5	3.5
6.634	81.6	3	9:47 AM	104.3	7802	81.04	60.03	42.08	25.09	17.04	9.76	6.89	5.27	41.83	89.2	0.96	123.9	3,056	4.2	1.8	5.8	4.1	3.5	3.6
6.634	81.6	4	9:47 AM	104.3	8328	85.54	63.61	44.95	26.95	18.28	10.5	7.43	5.69	44.57	89.2	0.96	122.6	3,062	4.2	1.8	5.9	4.1	3.5	3.7
6.731	82	1	9:48 AM	104.4	6024	35.29	25.5	18.55	12.87	9.94	6.06	3.98	2.89	18.55	89.2	0.95	72.0	4,536	6.6	2.9	8.9	4.8	3.9	6.3
6.731	82	2	9:48 AM	104.4	6145	33.91	24.93	18.28	12.78	9.9	6.13	4.07	2.96	18.3	89.2	0.95	68.1	4,702	6.9	3.0	9.3	4.9	4.0	6.6
6.731	82	3	9:48 AM	104.4	7988	43.57	32.28	23.83	16.64	12.84	7.87	5.17	3.75	23.91	89.2	0.95	67.4	4,728	6.9	3.1	9.3	4.9	4.0	6.7
6.731	82	4	9:48 AM	104.4	8778	47.59	35.19	25.99	18.17	13.99	8.57	5.63	4.06	25.96	89.2	0.95	67.0	4,765	7.0	3.1	9.4	4.9	4.0	6.7
6.818	81.3	1	9:49 AM	103.6	5882	46.14	34.1	25.2	16.19	11.19	6.06	4.21	3.23	25.25	88.8	0.96	94.6	3,722	5.3	2.4	7.2	4.5	3.7	4.8
6.818	81.3	2	9:49 AM	103.6	5925	44.15	32.8	24.41	15.84	10.94	6.05	4.2	3.23	24.65	88.8	0.96	90.2	3,868	5.5	2.5	7.5	4.5	3.7	5.0
6.818	81.3	3	9:49 AM	103.6	7868	57.33	43.13	32.07	20.98	14.55	8.07	5.53	4.27	32.52	88.8	0.96	88.3	3,897	5.5	2.5	7.6	4.6	3.8	5.1
6.818	81.3	4	9:49 AM	103.6	8383	60.42	45.69	34.02	22.31	15.53	8.59	5.9	4.54	35	88.8	0.96	87.4	3,909	5.6	2.5	7.7	4.6	3.8	5.1
6.923	81.6	1	9:50 AM	104.3	5991	54.74	37.64	26.5	16.1	11.41	6.34	4.3	3.24	27.54	89.2	0.96	109.1	3,492	4.9	2.0	6.4	4.3	3.6	4.1
6.923	81.6	2	9:50 AM	104.3	6024	51.66	36.35	25.83	15.88	11.36	6.39	4.36	3.27	27.01	89.2	0.96	102.8	3,608	5.1	2.1	6.7	4.4	3.6	4.4
6.923	81.6	3	9:50 AM	104.3	7912	65.48	46.96	33.79	20.98	15.05	8.5	5.82	4.47	34.66	89.2	0.96	99.5	3,643	5.1	2.2	6.9	4.4	3.7	4.5

6.923	81.6	4	9:50 AM	104.3	8515	69.98	50.42	36.46	22.7	16.31	9.24	6.33	4.9	37.36	89.2	0.96	98.8	3,639	5.1	2.3	6.9	4.4	3.7	4.6
7.019	80.8	1	9:51 AM	104.4	6924	13.8	12.19	11.05	9.48	8.14	5.61	3.8	2.65	10.84	89.2	0.95	28.2	6,651	10.4	5.5	19.6	5.9	4.6	16.0
7.019	80.8	2	9:51 AM	104.4	6737	13.55	11.93	10.9	9.24	7.99	5.64	3.68	2.71	10.7	89.2	0.95	28.4	6,594	10.3	5.5	19.5	5.9	4.6	15.8
7.019	80.8	3	9:51 AM	104.4	8669	17.72	15.67	14.22	12.11	10.44	7.33	4.76	3.49	14.13	89.2	0.95	28.8	6,495	10.1	5.5	19.3	5.9	4.6	15.6
7.019	80.8	4	9:51 AM	104.4	8998	18.31	16.17	14.74	12.52	10.8	7.6	4.96	3.61	14.54	89.2	0.95	28.7	6,514	10.1	5.5	19.4	5.9	4.6	15.7
7.119	80.7	1	9:52 AM	106.3	6090	43.74	33.07	25.1	16.39	11.6	5.85	3.77	2.59	25.39	90.3	0.95	86.3	3,847	5.5	2.6	7.8	4.6	3.8	5.2
7.119	80.7	2	9:52 AM	106.3	6046	41.91	31.83	24.28	15.92	11.31	5.78	3.7	2.63	24.62	90.3	0.95	83.4	3,942	5.6	2.7	8.0	4.6	3.8	5.4
7.119	80.7	3	9:52 AM	106.3	8021	55.17	42.35	32.54	21.43	15.22	7.83	4.95	3.63	32.83	90.3	0.95	82.9	3,916	5.6	2.7	8.1	4.6	3.8	5.4
7.119	80.7	4	9:52 AM	106.3	8658	59.71	45.81	35.3	23.28	16.55	8.52	5.35	4.02	35.61	90.3	0.95	83.1	3,894	5.5	2.7	8.1	4.6	3.8	5.4
7.199	81.1	1	9:53 AM	106.2	6145	36.63	27.93	20.88	13.09	8.91	4.35	2.85	2.32	21.18	90.2	0.94	71.8	4,889	7.2	2.7	8.7	4.9	3.9	6.3
7.199	81.1	2	9:53 AM	106.2	6244	36.05	27.57	20.68	12.99	8.87	4.4	2.93	2.39	20.91	90.2	0.94	69.7	5,013	7.4	2.8	8.8	4.9	4.0	6.5
7.199	81.1	3	9:53 AM	106.2	8096	47.66	36.73	27.66	17.5	11.92	5.88	3.93	3.19	27.94	90.2	0.94	71.0	4,869	7.2	2.8	8.8	4.9	3.9	6.3
7.199	81.1	4	9:53 AM	106.2	8647	51.15	39.51	29.73	18.84	12.85	6.31	4.19	3.42	30.08	90.2	0.94	71.3	4,831	7.1	2.8	8.7	4.9	3.9	6.3
7.290	83.2	1	9:54 AM	105.3	6200	30.22	23.46	18.09	12.25	8.82	4.63	3.07	2.3	18.19	89.8	0.94	60.1	5,325	8.0	3.2	10.0	5.1	4.1	7.5
7.290	83.2	2	9:54 AM	105.3	6233	29.19	22.67	17.57	11.97	8.66	4.6	3.07	2.33	17.84	89.8	0.94	57.9	5,481	8.2	3.3	10.3	5.2	4.1	7.8
7.290	83.2	3	9:54 AM	105.3	8318	38.7	30.5	23.67	16.13	11.69	6.26	4.11	3.11	23.94	89.8	0.94	57.6	5,450	8.2	3.3	10.4	5.2	4.1	7.8
7.290	83.2	4	9:54 AM	105.3	8702	40.66	32.06	24.85	16.96	12.3	6.55	4.31	3.24	25.1	89.8	0.94	57.8	5,421	8.1	3.3	10.3	5.2	4.1	7.8
7.391	82.8	1	9:55 AM	104.8	6024	42.54	30.79	22.39	13.69	9.5	4.75	2.98	2.22	22.31	89.5	0.94	84.7	4,342	6.3	2.4	7.7	4.7	3.8	5.3
7.391	82.8	2	9:55 AM	104.8	6145	40.85	30.02	22.02	13.6	9.49	4.78	3.03	2.25	21.91	89.5	0.94	80.0	4,507	6.6	2.5	8.0	4.8	3.9	5.6
7.391	82.8	3	9:55 AM	104.8	8054	52.89	38.98	28.99	18.04	12.61	6.4	4.05	3.04	28.91	89.5	0.94	79.2	4,492	6.5	2.6	8.1	4.8	3.9	5.7
7.391	82.8	4	9:55 AM	104.8	8614	56.23	41.62	31.07	19.39	13.59	6.93	4.4	3.31	31.04	89.5	0.95	78.8	4,482	6.5	2.6	8.1	4.8	3.9	5.7
7.485	81.7	1	9:56 AM	104.7	6474	18.93	15.21	12.23	9.12	7.04	4.34	3	2.27	12.48	89.4	0.94	38.3	7,430	11.8	4.1	13.8	5.8	4.5	11.7
7.485	81.7	2	9:56 AM	104.7	6518	18.52	14.76	11.9	8.89	6.87	4.3	2.98	2.27	12.26	89.4	0.94	37.4	7,662	12.3	4.1	13.9	5.8	4.5	12.0
7.485	81.7	3	9:56 AM	104.7	8581	24.31	19.43	15.73	11.79	9.12	5.68	3.94	2.98	16.33	89.4	0.94	37.3	7,614	12.2	4.1	14.0	5.8	4.5	12.1
7.485	81.7	4	9:56 AM	104.7	8943	25.32	20.19	16.34	12.27	9.49	5.91	4.11	3.11	17.08	89.4	0.94	37.3	7,625	12.2	4.1	14.0	5.8	4.5	12.1
7.578	82.1	1	9:57 AM	104.7	6529	12.54	9.36	7.35	5.44	4.34	3.02	2.22	1.66	7.65	89.4	0.93	26.8	11,967	21.2	4.2	15.9	6.5	4.9	16.8
7.578	82.1	2	9:57 AM	104.7	6595	12.14	9.12	7.16	5.35	4.27	2.99	2.2	1.64	7.47	89.4	0.92	25.9	12,333	22.0	4.2	16.2	6.5	4.9	17.4
7.578	82.1	3	9:57 AM	104.7	8603	15.72	11.89	9.41	7	5.62	3.89	2.87	2.18	9.74	89.4	0.92	25.7	12,268	21.8	4.3	16.3	6.5	4.9	17.5
7.578	82.1	4	9:57 AM	104.7	8921	16.3	12.35	9.77	7.3	5.84	4.05	2.98	2.26	10.14	89.4	0.93	25.7	12,248	21.8	4.3	16.3	6.5	4.9	17.5
7.678	80.8	1	9:58 AM	105.7	6353	17.96	13.72	10.86	7.53	5.71	3.34	2.14	1.56	10.16	90.0	0.93	36.7	8,655	14.2	3.8	13.4	5.9	4.6	12.3
7.678	80.8	2	9:58 AM	105.7	6342	17.15	13.21	10.48	7.28	5.52	3.26	2.1	1.54	9.8	90.0	0.93	35.3	8,969	14.9	3.9	13.7	6.0	4.6	12.7
7.678	80.8	3	9:58 AM	105.7	8438	22.63	17.62	14.05	9.84	7.49	4.44	2.85	2.08	13.24	90.0	0.93	35.1	8,861	14.7	3.9	13.9	6.0	4.6	12.8
7.678	80.8	4	9:58 AM	105.7	8954	23.92	18.54	14.83	10.37	7.91	4.67	3.02	2.2	13.93	90.0	0.93	35.0	8,902	14.7	4.0	13.9	6.0	4.6	12.9
7.776	82.4	1	9:59 AM	107.7	6244	19.85	15.91	12.95	9.36	7.25	4.51	3.07	2.23	12.63	91.1	0.93	40.8	6,933	10.9	4.0	13.3	5.6	4.4	11.0
7.776	82.4	2	9:59 AM	107.7	6430	19.68	15.8	12.88	9.37	7.28	4.57	3.12	2.28	12.83	91.1	0.93	39.5	7,129	11.3	4.1	13.6	5.7	4.4	11.4
7.776	82.4	3	9:59 AM	107.7	8416	25.58	20.55	16.81	12.27	9.54	6.01	4.11	3.02	16.72	91.1	0.93	39.2	7,131	11.3	4.1	13.7	5.7	4.4	11.5
7.776	82.4	4	9:59 AM	107.7	8888	26.73	21.53	17.61	12.87	10.01	6.3	4.31	3.15	17.53	91.1	0.93	38.9	7,183	11.4	4.1	13.8	5.7	4.4	11.6
7.872	81.9	1	10:00 AM	107.9	6167	32.11	23.41	17.88	12.3	9.31	5.7	3.75	2.85	18.63	91.2	0.94	63.7	5,007	7.4	3.1	9.7	5.0	4.0	7.1
7.872	81.9	2	10:00 AM	107.9	6156	30.77	22.88	17.61	12.24	9.33	5.74	3.83	2.85	18.27	91.2	0.94	61.5	5,060	7.5	3.2	10.0	5.0	4.0	7.3
7.872	81.9	3	10:00 AM	107.9	8087	39.56	29.67	22.99	16.13	12.31	7.54	5.11	3.7	23.54	91.2	0.94	60.3	5,078	7.5	3.3	10.2	5.1	4.1	7.5
7.872	81.9	4	10:00 AM	107.9	8636	41.62	31.43	24.44	17.15	13.04	7.97	5.5	3.81	24.95	91.2	0.94	59.4	5,129	7.6	3.3	10.3	5.1	4.1	7.6
7.962	82.6	1	10:01 AM	107.1	6189	32.96	23.83	17.99	12.43	9.48	5.58	3.41	2.31	17.94	90.8	0.94	65.2	4,921	7.3	3.1	9.5	5.0	4.0	6.9
7.962	82.6	2	10:01 AM	107.1	6090	30.65	22.66	17.26	12.01	9.17	5.43	3.46	2.38	17.17	90.8	0.94	61.9	5,071	7.5	3.2	9.9	5.0	4.0	7.3
7.962	82.6	3	10:01 AM	107.1	7977	39.6	29.62	22.76	15.95	12.2	7.21	4.56	3.12	22.65	90.8	0.94	61.1	5,039	7.5	3.3	10.1	5.0	4.0	7.4
7.962	82.6	4	10:01 AM	107.1	8734	42.78	32.18	24.83	17.43	13.28	7.85	4.96	3.43	24.64	90.8	0.94	60.4	5,060	7.5	3.3	10.2	5.1	4.0	7.5

8.057	82.3	1	10:02 AM	106.4	6463	23.54	20.24	17.09	12.98	10.37	6.57	4.53	3.27	17.39	90.4	0.95	46.7	5,157	7.7	4.2	13.0	5.3	4.2	9.6
8.057	82.3	2	10:02 AM	106.4	6309	22.86	19.59	16.57	12.62	10.09	6.45	4.42	3.22	16.91	90.4	0.95	46.5	5,174	7.7	4.3	13.1	5.3	4.2	9.7
8.057	82.3	3	10:02 AM	106.4	8219	30.03	25.83	21.95	16.85	13.46	8.62	5.98	4.35	22.34	90.4	0.95	46.9	5,048	7.5	4.3	13.1	5.2	4.2	9.6
8.057	82.3	4	10:02 AM	106.4	8767	31.8	27.32	23.22	17.81	14.27	9.16	6.35	4.64	23.63	90.4	0.95	46.6	5,079	7.5	4.3	13.1	5.2	4.2	9.7
8.144	81.9	1	10:02 AM	106.4	6353	19.98	16.28	13.1	9.4	7.14	4.2	2.8	2.03	13.76	90.4	0.93	40.5	7,131	11.3	4.0	13.3	5.7	4.4	11.1
8.144	81.9	2	10:02 AM	106.4	6298	19.46	15.97	12.9	9.28	7.08	4.21	2.82	2.07	13.64	90.4	0.93	39.9	7,156	11.3	4.0	13.4	5.7	4.4	11.3
8.144	81.9	3	10:02 AM	106.4	8175	25.13	20.67	16.77	12.14	9.29	5.57	3.79	2.77	17.44	90.4	0.93	39.7	7,101	11.2	4.1	13.5	5.7	4.4	11.3
8.144	81.9	4	10:02 AM	106.4	8789	26.98	22.04	17.91	12.99	9.96	5.92	4.16	2.96	18.91	90.4	0.93	39.7	7,120	11.2	4.1	13.5	5.7	4.4	11.3
8.254	82.2	1	10:04 AM	107.8	5936	48.44	35.24	24.49	14.85	10.04	5.23	3.2	2.28	24.59	91.2	0.94	96.4	3,922	5.6	2.2	7.0	4.5	3.7	4.7
8.254	82.2	2	10:04 AM	107.8	6090	47.78	34.8	24.44	15	10.29	5.33	3.25	2.35	24.72	91.2	0.94	92.9	3,991	5.7	2.3	7.2	4.5	3.7	4.8
8.254	82.2	3	10:04 AM	107.8	7791	59.11	43.31	30.85	19.13	12.85	7.07	4.39	3.06	31.04	91.2	0.94	90.1	4,105	5.9	2.3	7.3	4.6	3.8	5.0
8.254	82.2	4	10:04 AM	107.8	8581	64.07	47.09	33.68	20.86	14.27	7.59	4.74	3.41	34.07	91.2	0.94	88.7	4,113	5.9	2.4	7.4	4.6	3.8	5.1
8.351	83.7	1	10:05 AM	107.3	6397	21.11	17.13	13.49	9.4	6.99	4.04	2.52	1.74	13.7	90.9	0.93	41.9	7,199	11.4	3.8	12.7	5.7	4.4	10.7
8.351	83.7	2	10:05 AM	107.3	6178	20.13	16.09	12.81	9.02	6.66	3.91	2.44	1.74	13.08	90.9	0.93	41.5	7,295	11.6	3.8	12.8	5.7	4.4	10.8
8.351	83.7	3	10:05 AM	107.3	8230	26.59	21.5	17.19	12.15	9.06	5.28	3.32	2.31	17.33	90.9	0.93	41.2	7,199	11.4	3.9	13.0	5.7	4.4	10.9
8.351	83.7	4	10:05 AM	107.3	8789	28.54	22.91	18.4	12.99	9.73	5.67	3.57	2.46	18.53	90.9	0.93	41.4	7,160	11.3	3.9	12.9	5.7	4.4	10.9
8.431	85.1	1	10:05 AM	107.6	6518	23.44	19.79	16.04	11.83	9.16	5.55	3.7	2.6	15.7	91.1	0.94	45.7	5,798	8.8	4.0	12.8	5.4	4.3	9.8
8.431	85.1	2	10:05 AM	107.6	6397	22.61	19.13	15.6	11.55	8.96	5.51	3.69	2.62	15.35	91.1	0.94	45.1	5,829	8.9	4.1	12.9	5.4	4.3	10.0
8.431	85.1	3	10:05 AM	107.6	8098	29.28	24.76	20.27	15.09	11.78	7.28	4.89	3.47	19.95	91.1	0.94	46.0	5,623	8.5	4.1	12.8	5.4	4.2	9.8
8.431	85.1	4	10:05 AM	107.6	8647	31.07	26.23	21.5	16.03	12.54	7.76	5.22	3.7	21.4	91.1	0.94	45.8	5,643	8.5	4.1	12.9	5.4	4.2	9.8
8.523	84.7	1	10:06 AM	107.7	6233	23.74	18.9	14.94	10.31	7.56	4.11	2.5	1.71	15.15	91.1	0.93	47.5	6,416	9.9	3.6	11.8	5.5	4.3	9.5
8.523	84.7	2	10:06 AM	107.7	6255	23.66	18.56	14.72	10.2	7.52	4.12	2.53	1.71	14.93	91.1	0.93	47.2	6,469	10.0	3.6	11.8	5.5	4.3	9.5
8.523	84.7	3	10:06 AM	107.7	8120	29.78	23.9	18.98	13.2	9.72	5.37	3.3	2.29	19.03	91.1	0.93	46.0	6,546	10.2	3.7	12.1	5.5	4.3	9.8
8.523	84.7	4	10:06 AM	107.7	8745	32.02	25.69	20.36	14.19	10.46	5.78	3.57	2.47	20.43	91.1	0.93	45.9	6,553	10.2	3.7	12.1	5.5	4.3	9.8
8.623	83.3	1	10:07 AM	105.3	6551	23.63	18.06	14.3	10.29	7.77	4.51	2.87	2.12	14.91	89.8	0.94	45.8	6,620	10.3	3.7	12.1	5.5	4.3	9.8
8.623	83.3	2	10:07 AM	105.3	6386	22.5	17.26	13.7	9.86	7.51	4.43	2.87	2.15	14.31	89.8	0.94	44.9	6,704	10.5	3.7	12.3	5.5	4.3	10.0
8.623	83.3	3	10:07 AM	105.3	8120	29.54	22.81	18.21	13.16	10.06	5.91	3.72	2.81	18.97	89.8	0.94	46.2	6,396	9.9	3.7	12.1	5.5	4.3	9.7
8.623	83.3	4	10:07 AM	105.3	8724	31.71	24.67	19.7	14.17	10.78	6.44	4.13	3.06	20.3	89.8	0.94	46.2	6,409	9.9	3.7	12.1	5.5	4.3	9.7
8.714	83.8	1	10:08 AM	106.2	6551	23.5	18.41	14.97	10.76	8.17	4.96	3.47	2.41	15.54	90.3	0.94	45.6	6,385	9.9	3.8	12.3	5.5	4.3	9.9
8.714	83.8	2	10:08 AM	106.2	6408	22.13	17.56	14.3	10.36	7.91	4.84	3.3	2.46	14.64	90.3	0.94	44.1	6,493	10.1	3.9	12.6	5.5	4.3	10.2
8.714	83.8	3	10:08 AM	106.2	8230	28.95	23.26	18.96	13.88	10.61	6.5	4.36	3.58	19.39	90.3	0.94	44.9	6,249	9.6	3.9	12.6	5.5	4.3	10.0
8.714	83.8	4	10:08 AM	106.2	8789	30.72	24.75	20.19	14.82	11.3	6.93	4.57	3.34	20.7	90.3	0.94	44.7	6,271	9.7	3.9	12.7	5.5	4.3	10.1
8.812	83.3	1	10:09 AM	104.2	6145	30.06	24.44	19.55	13.81	10.59	6.33	4.42	3.3	19.24	89.2	0.95	61.1	4,635	6.8	3.5	10.4	5.0	4.0	7.4
8.812	83.3	2	10:09 AM	104.2	6002	28.25	23.49	18.86	13.43	10.35	6.26	4.41	3.3	18.7	89.2	0.95	59.1	4,672	6.8	3.6	10.7	5.0	4.0	7.6
8.812	83.3	3	10:09 AM	104.2	7977	37.15	30.95	24.93	17.85	13.76	8.36	5.84	4.37	24.69	89.2	0.96	58.5	4,680	6.8	3.6	10.8	5.0	4.0	7.7
8.812	83.3	4	10:09 AM	104.2	8515	39.6	32.65	26.38	18.91	14.57	8.89	6.22	4.68	26.37	89.2	0.96	58.4	4,712	6.9	3.6	10.8	5.0	4.0	7.7
8.901	82.9	1	10:10 AM	104.6	6145	24.49	21.52	18.75	14.9	11.96	7.29	4.57	3.13	17.44	89.5	0.96	51.1	4,213	6.1	4.4	12.8	5.0	4.1	8.8
8.901	82.9	2	10:10 AM	104.6	6244	24.46	21.52	18.79	14.98	12.06	7.43	4.68	3.13	17.65	89.5	0.96	50.3	4,239	6.1	4.4	13.0	5.0	4.1	8.9
8.901	82.9	3	10:10 AM	104.6	8153	31.22	27.97	24.46	19.57	15.78	9.7	6.12	4.14	23.01	89.5	0.96	49.3	4,214	6.1	4.5	13.3	5.0	4.1	9.1
8.901	82.9	4	10:10 AM	104.6	8724	33.56	29.84	26.11	20.88	16.87	10.4	6.6	4.47	24.6	89.5	0.96	49.5	4,221	6.1	4.5	13.2	5.0	4.1	9.1
8.997	83.8	1	10:11 AM	107.4	6672	13.63	11.7	10.27	8.28	6.89	4.72	3.4	2.51	10.45	91.0	0.93	28.3	7,897	12.7	5.1	18.1	6.1	4.7	15.9
8.997	83.8	2	10:11 AM	107.4	6606	13.63	11.61	10.25	8.28	6.9	4.71	3.43	2.54	10.49	91.0	0.93	28.5	7,806	12.6	5.1	18.1	6.0	4.7	15.8
8.997	83.8	3	10:11 AM	107.4	8515	17.67	15.16	13.26	10.75	8.93	6.19	4.42	3.32	13.63	91.0	0.93	28.7	7,777	12.5	5.1	18.0	6.0	4.7	15.7
8.997	83.8	4	10:11 AM	107.4	8943	18.46	15.85	13.78	11.21	9.29	6.48	4.61	3.48	14.33	91.0	0.93	28.6	7,857	12.7	5.0	18.0	6.0	4.7	15.8
9.090	83.5	1	10:12 AM	105.6	6189	30.39	24.68	19.66	13.64	9.79	4.78	2.43	1.41	20.22	90.0	0.94	60.4	4,936	7.3	3.4	10.3	5.0	4.0	7.4

9.090	83.5	2	10:12 AM	105.6	6200	30.07	24.26	19.35	13.46	9.69	4.75	2.41	1.39	20.2	90.0	0.94	59.7	4,996	7.4	3.4	10.3	5.1	4.0	7.5
9.090	83.5	3	10:12 AM	105.6	7857	38.67	31.42	25.11	17.49	12.58	6.13	3.05	1.98	26.17	90.0	0.94	60.6	4,889	7.2	3.4	10.3	5.0	4.0	7.4
9.090	83.5	4	10:12 AM	105.6	8482	41.59	33.99	27.15	18.87	13.65	6.65	3.37	2.07	28.27	90.0	0.94	60.4	4,877	7.2	3.4	10.3	5.0	4.0	7.5
9.190	82.9	1	10:13 AM	105.9	6496	22.09	17.98	14.52	10.51	8.06	4.85	3.19	2.18	14.57	90.2	0.94	43.5	6,487	10.1	3.9	12.8	5.5	4.3	10.3
9.190	82.9	2	10:13 AM	105.9	6474	22.12	18.11	14.65	10.65	8.17	4.92	3.21	2.26	14.68	90.2	0.94	43.8	6,394	9.9	4.0	12.8	5.5	4.3	10.3
9.190	82.9	3	10:13 AM	105.9	8197	29.23	23.94	19.44	14.22	10.88	6.56	4.3	3.06	19.5	90.2	0.94	45.5	6,088	9.3	3.9	12.6	5.4	4.3	9.9
9.190	82.9	4	10:13 AM	105.9	8745	31.19	25.45	20.67	15.1	11.58	6.98	4.55	3.27	20.91	90.2	0.94	45.5	6,100	9.4	3.9	12.6	5.4	4.3	9.9


BIA 41-20
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
7.0
8.0
9.0
10.0
Test Location, miles
AASHTO
TONN


BIA 41-20
Eff. Structural Number
Eff. R-value
Test Location, miles
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
10.0
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

County:	Pine Ridge Reservation
Date Tested:	6/19/2008
Julian:	171
Highway	BIA 41 - Section 30&50
From:	BIA 16
To:	2.5 Miles S of BIA 2
Dir	NB
Prev Day Temp	75 °F
Bit. Thickness	0.5 inches
Daily ESALs	14.5
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	128,594
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.53

BIA 41-3	X2	X3	X4	X5	X6	X7	X8
0	200	300	450	600	900	1200	1500
0	7.87	11.81	17.71	23.62	35.43	47.24	59.1
0	7.87	11.81	17.71	23.62	35.43	47.24	59.1
38.56	27.98	19.37	11.85	8.33	4.83	3.39	
	0.73	0.50	0.31	0.22	0.13	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	Eff SN inches	AASHTO			TONN Tons
Avg. =	75.2	5,657	8.7	2.5	8.4			7.9
Median =	72.63	5,323	8.0	2.4	8.2			7.4
Std.Dev. =	22.02	1,992	4.1	0.6	1.8			2.8
85th % =	52.35	4,192	6.0	1.8	6.5			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	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
9.277	82.9	1	10:14	106.9	5826.7	58.54	43.15	31.87	20.49	14.54	8.17	5.36	4.06	32.44	93.0	0.97	139.0	2,605	3.5	1.7	5.4	3.9	3.4	3.9
9.277	82.9	2	10:14	106.9	5837.6	55.83	41.74	31.19	20.23	14.45	8.21	5.43	4.11	31.57	93.0	0.97	132.7	2,668	3.6	1.9	5.6	4.0	3.4	4.1
9.277	82.9	3	10:14	106.9	7626.2	70.25	53.47	40.44	26.58	19.08	10.87	7.15	5.42	40.97	93.0	0.97	128.1	2,687	3.7	2.0	5.8	4.0	3.5	4.2
9.277	82.9	4	10:14	106.9	8383.4	76.31	58.03	44.23	29.17	20.96	11.95	7.89	5.99	44.79	93.0	0.97	126.7	2,700	3.7	2.0	5.9	4.0	3.5	4.3
9.375	84.1	1	10:15	108.7	6035.1	41.06	33.94	27.50	19.76	14.74	8.35	5.21	3.8	27.04	94.2	0.97	96.1	2,989	4.1	2.8	7.6	4.3	3.6	5.6
9.375	84.1	2	10:15	108.7	5848.6	38.43	32.09	26.05	18.92	14.22	8.02	5.15	3.74	25.52	94.2	0.97	93.0	3,021	4.2	2.9	7.8	4.3	3.6	5.8
9.375	84.1	3	10:15	108.7	7790.8	50.36	41.98	33.90	24.72	18.61	10.56	6.75	4.83	33.22	94.2	0.97	91.5	3,074	4.2	2.9	7.9	4.3	3.7	5.9
9.375	84.1	4	10:15	108.7	8558.9	54.26	45.98	36.89	26.84	20.23	11.56	7.39	5.3	36.2	94.2	0.97	89.9	3,112	4.3	3.0	8.0	4.3	3.7	6.0
9.468	84.0	1	10:16	107.9	6057.1	31.66	23.21	16.21	10.46	7.50	4.11	2.60	1.92	15.77	93.7	0.94	72.8	5,152	7.7	2.6	8.4	4.9	3.9	7.4
9.468	84.0	2	10:16	107.9	6079	30.99	22.80	16.10	10.47	7.54	4.16	2.63	1.94	15.65	93.7	0.94	71.2	5,199	7.7	2.6	8.5	5.0	4.0	7.6
9.468	84.0	3	10:16	107.9	8021.3	40.09	29.98	21.34	13.95	10.05	5.54	3.47	2.57	20.81	93.7	0.94	69.9	5,207	7.8	2.7	8.7	5.0	4.0	7.7
9.468	84.0	4	10:16	107.9	8756.4	43.50	32.76	23.30	15.28	10.99	6.03	3.82	2.84	22.86	93.7	0.94	69.6	5,214	7.8	2.7	8.7	5.0	4.0	7.8
9.564	84.2	1	10:17	105.9	5892.5	54.11	40.37	29.08	18.64	13.65	7.97	5.43	4.06	29.32	92.4	0.97	127.6	2,823	3.9	1.9	5.8	4.0	3.5	4.2
9.564	84.2	2	10:17	105.9	5980.3	52.41	39.72	29.06	18.78	13.80	8.10	5.55	4.14	29.28	92.4	0.97	122.1	2,880	3.9	2.0	6.0	4.1	3.5	4.4
9.564	84.2	3	10:17	105.9	7823.7	66.24	51.21	37.61	24.56	18.02	10.65	7.26	5.43	38.18	92.4	0.97	118.2	2,920	4.0	2.1	6.2	4.1	3.5	4.6
9.564	84.2	4	10:17	105.9	8405.3	70.41	54.07	40.44	26.46	19.39	11.44	7.80	5.83	40.94	92.4	0.97	117.0	2,928	4.0	2.1	6.2	4.1	3.5	4.6
9.659	83.3	1	10:18	105.2	6243.6	27.76	21.84	17.55	12.82	9.98	6.09	4.09	2.98	17.65	92.0	0.96	64.5	4,568	6.7	3.3	9.9	4.9	4.0	8.4
9.659	83.3	2	10:18	105.2	6320.4	27.04	21.52	17.38	12.75	9.94	6.11	4.12	3	17.5	92.0	0.96	62.3	4,665	6.8	3.4	10.1	5.0	4.0	8.7
9.659	83.3	3	10:18	105.2	8262.7	35.30	28.30	22.89	16.83	13.11	8.06	5.46	3.98	22.97	92.0	0.96	62.3	4,633	6.8	3.4	10.2	5.0	4.0	8.7
9.659	83.3	4	10:18	105.2	8789.4	37.35	30.00	24.31	17.88	13.92	8.56	5.81	4.23	24.36	92.0	0.96	62.0	4,644	6.8	3.4	10.2	5.0	4.0	8.7
9.750	85.1	1	10:19	106.6	6002.2	38.09	27.11	19.22	12.24	8.44	4.72	3.36	2.66	19.05	92.9	0.95	87.9	4,414	6.4	2.2	7.3	4.7	3.8	6.1
9.750	85.1	2	10:19	106.6	6079	36.55	26.56	19.04	12.17	8.49	4.81	3.40	2.74	18.85	92.9	0.95	83.7	4,532	6.6	2.3	7.6	4.7	3.8	6.5
9.750	85.1	3	10:19	106.6	7988.3	46.68	34.41	24.92	16.12	11.19	6.35	4.51	3.56	24.87	92.9	0.95	81.9	4,568	6.7	2.4	7.8	4.8	3.8	6.6
9.750	85.1	4	10:19	106.6	8526	49.14	36.46	26.48	17.13	11.91	6.76	4.82	3.79	26.47	92.9	0.95	80.5	4,609	6.7	2.5	7.9	4.8	3.9	6.7
9.858	84.2	1	10:20	107.2	6155.8	30.95	22.86	17.21	11.43	8.28	4.63	3.09	2.35	17.11	93.3	0.94	70.8	4,971	7.3	2.8	8.7	4.9	4.0	7.6
9.858	84.2	2	10:20	107.2	6177.8	30.56	22.34	16.91	11.31	8.22	4.65	3.13	2.41	16.92	93.3	0.94	69.8	5,035	7.5	2.8	8.8	5.0	4.0	7.7
9.858	84.2	3	10:20	107.2	8163.9	40.06	29.54	22.44	14.99	10.85	6.11	4.09	3.12	22.43	93.3	0.94	69.2	5,053	7.5	2.8	8.9	5.0	4.0	7.8

9.858	84.2	4	10:20	107.2	8756.4	42.43	31.62	24.05	16.06	11.62	6.55	4.40	3.36	24.3	93.3	0.94	68.4	5,081	7.5	2.8	9.0	5.0	4.0	7.9
9.943	83.5	1	10:21	108.9	6496	28.05	21.43	15.25	9.07	6.04	3.70	3.02	2.33	13.99	94.4	0.92	60.5	6,594	10.3	2.6	9.2	5.3	4.1	8.9
9.943	83.5	2	10:21	108.9	6518	25.20	19.50	13.91	8.38	5.70	3.60	2.87	2.26	12.65	94.4	0.92	54.7	7,158	11.3	2.8	9.8	5.4	4.2	9.9
9.943	83.5	3	10:21	108.9	8120	30.16	23.41	16.83	10.25	6.90	4.36	3.56	2.77	15.5	94.4	0.92	52.8	7,402	11.8	2.9	10.0	5.5	4.3	10.2
9.943	83.5	4	10:21	108.9	6712.6	32.13	24.89	17.92	10.90	7.35	4.69	3.81	3.04	16.63	94.4	0.92	52.4	7,455	11.9	2.9	10.0	5.5	4.3	10.3
10.048	82.4	1	10:22	105	6144.9	30.52	19.44	11.55	5.84	3.65	2.08	1.54	1.23	12.43	91.9	0.91	67.8	7,794	12.5	1.8	7.6	5.3	4.1	8.0
10.048	82.4	2	10:22	105	6133.9	28.26	18.35	11.33	5.92	3.72	2.07	1.51	1.2	11.85	91.9	0.91	63.3	8,014	13.0	2.0	8.1	5.4	4.2	8.5
10.048	82.4	3	10:22	105	8251.7	36.16	24.09	15.15	7.91	4.93	2.70	1.96	1.62	15.61	91.9	0.91	60.5	8,279	13.5	2.1	8.3	5.5	4.2	8.9
10.048	82.4	4	10:22	105	8844.2	38.45	25.69	16.28	8.49	5.27	2.88	2.11	1.74	16.98	91.9	0.91	60.0	8,323	13.6	2.1	8.4	5.5	4.2	9.0
10.143	81.7	1	10:23	109.6	6550.9	28.28	19.69	12.20	6.79	4.79	2.75	1.83	1.37	13.7	94.9	0.90	59.2	7,521	12.0	2.4	8.9	5.4	4.2	9.1
10.143	81.7	2	10:23	109.6	6463.1	26.01	18.51	11.61	6.78	4.87	2.89	1.94	1.48	12.96	94.9	0.91	55.8	7,647	12.3	2.6	9.3	5.5	4.2	9.7
10.143	81.7	3	10:23	109.6	8196.8	31.70	22.99	14.70	8.44	5.99	3.48	2.36	1.79	15.95	94.9	0.90	53.7	7,918	12.8	2.6	9.5	5.5	4.3	10.1
10.143	81.7	4	10:23	109.6	8756.4	33.35	24.34	15.51	8.91	6.31	3.68	2.50	1.92	16.87	94.9	0.90	53.0	8,035	13.0	2.6	9.6	5.6	4.3	10.2
10.226	83.7	1	10:24	107.3	6166.8	31.05	23.10	15.89	9.63	6.56	3.38	2.11	1.55	15.57	93.4	0.93	69.7	5,717	8.7	2.5	8.4	5.1	4.0	7.8
10.226	83.7	2	10:24	107.3	6221.7	27.96	21.11	14.89	9.22	6.36	3.34	2.11	1.53	14.54	93.4	0.93	62.8	6,138	9.4	2.7	9.1	5.2	4.1	8.6
10.226	83.7	3	10:24	107.3	8262.7	35.93	27.22	19.54	12.27	8.50	4.46	2.84	2.09	19.26	93.4	0.93	61.0	6,198	9.5	2.8	9.3	5.2	4.1	8.9
10.226	83.7	4	10:24	107.3	8866.2	37.96	28.88	20.85	13.15	9.12	4.80	3.07	2.26	20.63	93.4	0.93	60.2	6,237	9.6	2.8	9.4	5.3	4.1	9.0
10.324	82.6	1	10:25	103.6	6902	21.34	12.83	7.32	4.05	3.00	2.04	1.56	1.26	7.61	91.0	0.91	44.7	11,556	20.3	2.3	9.7	6.0	4.5	12.1
10.324	82.6	2	10:25	103.6	6858.1	19.36	12.04	7.17	4.14	3.06	2.05	1.58	1.27	7.15	91.0	0.91	41.4	11,923	21.1	2.6	10.3	6.1	4.6	13.0
10.324	82.6	3	10:25	103.6	8646.7	23.67	14.96	9.24	5.48	4.05	2.72	2.09	1.7	9.29	91.0	0.92	40.4	11,797	20.8	2.7	10.6	6.1	4.6	13.4
10.324	82.6	4	10:25	103.6	8899.1	24.33	15.46	9.62	5.73	4.21	2.83	2.18	1.76	9.6	91.0	0.92	40.4	11,742	20.7	2.7	10.6	6.1	4.6	13.4
10.438	81.7	1	10:26	106.1	6221.7	47.02	31.71	20.24	10.30	6.74	4.28	3.52	2.87	20.09	92.6	0.94	102.9	4,681	6.9	1.5	6.1	4.6	3.7	5.2
10.438	81.7	2	10:26	106.1	6287.5	43.23	30.33	20.19	10.67	6.98	4.33	3.48	2.83	19.41	92.6	0.94	94.2	4,842	7.1	1.7	6.6	4.7	3.8	5.7
10.438	81.7	3	10:26	106.1	8207.8	55.78	39.54	27.08	14.37	9.31	5.85	4.69	3.81	25.8	92.6	0.94	93.3	4,814	7.1	1.8	6.7	4.7	3.8	5.8
10.438	81.7	4	10:26	106.1	8855.2	60.04	42.93	29.57	15.62	10.17	6.46	5.07	4.11	28.25	92.6	0.94	93.2	4,788	7.0	1.8	6.7	4.7	3.8	5.8
10.521	83.8	1	10:27	106.6	6298.5	36.32	23.48	15.27	9.35	7.04	4.80	3.68	3.06	17.46	92.9	0.94	80.4	5,237	7.8	2.1	7.5	4.9	3.9	6.7
10.521	83.8	2	10:27	106.6	6243.6	33.07	22.49	15.22	9.52	7.11	4.82	3.75	3.03	16.79	92.9	0.95	74.4	5,380	8.1	2.4	8.1	5.0	4.0	7.3
10.521	83.8	3	10:27	106.6	7933.5	42.58	29.31	20.20	12.66	9.42	6.37	4.91	3.93	21.43	92.9	0.95	75.5	5,223	7.8	2.4	8.0	4.9	3.9	7.2
10.521	83.8	4	10:27	106.6	8635.7	45.90	31.79	22.00	13.84	10.22	6.93	5.24	4.29	23.56	92.9	0.95	74.8	5,255	7.8	2.4	8.1	4.9	3.9	7.2
10.608	81.5	1	10:28	108.3	6199.7	21.61	14.15	9.31	6.18	4.77	3.17	2.31	1.83	9.68	94.1	0.92	49.9	8,053	13.1	2.9	10.2	5.6	4.3	10.8
10.608	81.5	2	10:28	108.3	6386.3	20.79	14.12	9.61	6.44	4.96	3.27	2.39	1.87	9.97	94.1	0.92	47.0	8,218	13.4	3.0	10.7	5.7	4.4	11.5
10.608	81.5	3	10:28	108.3	8306.6	26.36	18.25	12.75	8.61	6.65	4.35	3.17	2.51	13.19	94.1	0.92	46.1	8,169	13.3	3.1	11.0	5.7	4.4	11.7
10.608	81.5	4	10:28	108.3	8602.6	27.43	18.81	13.18	8.90	6.88	4.50	3.25	2.58	13.7	94.1	0.92	46.2	8,160	13.3	3.1	10.9	5.7	4.4	11.7
10.711	83.7	1	10:29	105.9	6144.9	38.09	26.56	17.75	10.63	7.37	4.44	3.40	2.85	17.96	92.5	0.94	85.8	4,677	7.2	2.1	7.2	4.8	3.8	6.3
10.711	83.7	2	10:29	105.9	6101	34.94	25.27	17.50	10.80	7.52	4.53	3.40	2.83	17.37	92.5	0.95	79.9	4,973	7.4	2.3	7.7	4.8	3.9	6.8
10.711	83.7	3	10:29	105.9	7922.5	43.28	32.07	22.73	14.24	9.91	6.00	4.52	3.76	22.39	92.5	0.95	76.6	5,030	7.4	2.4	8.0	4.9	3.9	7.0
10.711	83.7	4	10:29	105.9	8558.9	46.24	34.41	24.61	15.51	10.76	6.46	4.82	3.98	24.29	92.5	0.95	75.8	5,038	7.5	2.5	8.1	4.9	3.9	7.1
10.809	83.2	1	10:30	106.4	6276.5	23.37	17.05	11.72	7.43	5.34	3.28	2.47	1.99	12.71	92.8	0.93	53.3	7,389	11.8	2.8	9.9	5.5	4.3	10.1
10.809	83.2	2	10:30	106.4	6265.6	22.28	16.53	11.61	7.51	5.51	3.41	2.50	2.02	12.29	92.8	0.93	51.3	7,380	11.7	3.0	10.3	5.5	4.3	10.5
10.809	83.2	3	10:30	106.4	8317.5	28.67	21.73	15.60	10.31	7.48	4.56	3.39	2.71	16.3	92.8	0.93	49.9	7,366	11.7	3.1	10.6	5.5	4.3	10.8
10.809	83.2	4	10:30	106.4	8591.8	29.45	22.35	16.07	10.60	7.71	4.73	3.49	2.78	16.69	92.8	0.93	49.7	7,391	11.8	3.1	10.6	5.5	4.3	10.9
10.886	82.7	1	10:31	106.6	6287.5	23.33	17.49	12.36	8.24	6.24	4.06	2.96	2.37	12.91	93.0	0.94	53.7	6,736	10.5	3.0	10.2	5.4	4.2	10.1
10.886	82.7	2	10:31	106.6	6188.8	21.79	16.56	11.95	8.06	6.09	4.02	2.96	2.4	12.37	93.0	0.94	51.3	6,901	10.8	3.2	10.6	5.5	4.3	10.5
10.886	82.7	3	10:31	106.6	8120	28.05	21.67	16.02	10.92	8.26	5.40	3.93	3.16	16.54	93.0	0.94	50.5	6,795	10.6	3.3	10.8	5.5	4.3	10.7
10.886	82.7	4	10:31	106.6	8701.6	29.51	23.08	17.11	11.63	8.86	5.78	4.29	3.35	17.53	93.0	0.94	49.7	6,831	10.7	3.3	11.0	5.5	4.3	10.9
10.981	83.1	1	10:32	108.3	6320.4	24.84	19.26	13.60	9.10	7.11	4.83	3.51	2.69	13.67	94.1	0.94	56.6	6,086	9.3	3.1	10.1	5.3	4.2	9.5
10.981	83.1	2	10:32	108.3	6144.9	23.13	18.21	13.10	8.85	6.93	4.76	3.49	2.73	12.98	94.1	0.94	54.6	6,163	9.5	3.2	10.4	5.3	4.2	9.9

10.981	83.1	3	10:32	108.3	7933.5	29.44	23.51	17.14	11.64	9.16	6.28	4.61	3.57	17.06	94.1	0.94	54.0	6,091	9.3	3.3	10.6	5.3	4.2	10.0
10.981	83.1	4	10:32	108.3	8668.7	32.10	25.57	18.69	12.68	9.96	6.82	5.02	3.89	18.54	94.1	0.94	53.8	6,115	9.4	3.3	10.6	5.3	4.2	10.0
11.078	83.2	1	10:33	109.9	6090	29.55	22.52	16.07	10.50	7.86	4.95	3.65	3.04	16.14	95.2	0.94	68.3	5,169	7.7	2.6	8.9	5.0	4.0	7.9
11.078	83.2	2	10:33	109.9	6199.7	27.40	21.29	15.58	10.34	7.69	4.93	3.70	3.04	15.47	95.2	0.94	62.7	5,483	8.2	3.0	9.5	5.1	4.1	8.6
11.078	83.2	3	10:33	109.9	8065.1	34.89	27.37	20.28	13.59	10.17	6.48	4.87	3.96	20.19	95.2	0.94	61.6	5,463	8.2	3.1	9.7	5.1	4.1	8.8
11.078	83.2	4	10:33	109.9	8602.8	36.68	29.10	21.61	14.53	10.90	6.92	5.16	4.17	21.52	95.2	0.94	61.1	5,462	8.2	3.1	9.8	5.1	4.1	8.8
11.181	83.9	1	10:34	108.6	6276.5	22.48	16.77	11.73	8.02	6.38	4.37	3.28	2.6	11.79	94.3	0.93	51.9	6,716	10.5	3.2	10.6	5.4	4.2	10.4
11.181	83.9	2	10:34	108.6	6101	21.36	16.05	11.50	7.98	6.32	4.36	3.30	2.62	11.44	94.3	0.94	51.0	6,682	10.4	3.3	10.8	5.4	4.2	10.6
11.181	83.9	3	10:34	108.6	8043.2	27.46	21.03	15.25	10.60	8.40	5.77	4.33	3.46	15.28	94.3	0.94	49.9	6,699	10.5	3.3	11.0	5.5	4.3	10.8
11.181	83.9	4	10:34	108.6	8613.8	29.39	22.42	16.35	11.41	9.02	6.21	4.64	3.69	16.43	94.3	0.94	49.8	6,688	10.4	3.3	11.0	5.5	4.3	10.8
11.273	84.0	1	10:35	104.9	6144.9	26.20	19.27	14.43	10.17	7.97	5.32	3.97	3.12	15.5	91.9	0.95	61.8	5,384	8.1	3.1	9.7	5.1	4.1	8.7
11.273	84.0	2	10:35	104.9	6079	24.56	18.50	14.21	10.08	7.99	5.37	4.06	3.18	15.1	91.9	0.96	59.0	5,420	8.1	3.2	10.1	5.1	4.1	9.2
11.273	84.0	3	10:35	104.9	7966.4	32.08	24.36	18.93	13.48	10.63	7.15	5.37	4.2	19.89	91.9	0.96	58.9	5,365	8.0	3.3	10.2	5.1	4.1	9.2
11.273	84.0	4	10:35	104.9	8646.7	34.70	26.48	20.63	14.68	11.56	7.76	5.81	4.53	21.65	91.9	0.96	58.7	5,363	8.0	3.3	10.2	5.1	4.1	9.2
11.363	83.7	1	10:36	106.9	6035.1	36.76	27.09	16.99	10.26	7.69	5.17	3.94	3.16	17.44	93.2	0.95	84.9	4,752	7.0	2.2	7.4	4.8	3.8	6.4
11.363	83.7	2	10:36	106.9	5947.4	33.42	25.24	16.40	10.09	7.61	5.15	3.93	3.15	16.55	93.2	0.95	78.9	4,906	7.2	2.4	7.9	4.8	3.9	6.8
11.363	83.7	3	10:36	106.9	7933.5	42.85	33.12	22.09	13.67	10.20	6.85	5.22	4.19	22	93.2	0.95	76.1	4,972	7.3	2.5	8.1	4.9	3.9	7.1
11.363	83.7	4	10:36	106.9	8493.1	45.34	35.22	23.68	14.72	10.96	7.37	5.63	4.5	23.68	93.2	0.95	75.3	4,984	7.4	2.5	8.2	4.9	3.9	7.2
11.458	82.9	1	10:37	106.6	6298.5	30.91	19.46	12.19	7.55	5.87	4.06	3.13	2.5	12.98	93.0	0.94	68.8	6,223	9.6	2.3	8.2	5.2	4.0	7.9
11.458	82.9	2	10:37	106.6	6221.7	28.68	18.57	12.09	7.59	5.91	4.06	3.13	2.58	12.63	93.0	0.94	65.1	6,333	9.8	2.5	8.7	5.2	4.1	8.3
11.458	82.9	3	10:37	106.6	7933.5	36.20	23.94	15.86	10.01	7.73	5.34	4.09	3.28	16.49	93.0	0.94	64.6	6,270	9.7	2.5	8.8	5.2	4.1	8.4
11.458	82.9	4	10:37	106.6	8613.8	38.88	25.94	17.27	10.87	8.41	5.81	4.47	3.55	17.87	93.0	0.94	63.9	6,292	9.7	2.6	8.8	5.2	4.1	8.4
11.560	83.7	1	10:38	106.7	6221.7	24.87	16.89	11.77	7.59	5.76	3.87	2.91	2.33	12.07	93.1	0.93	57.1	6,828	10.7	2.8	9.6	5.4	4.2	9.5
11.560	83.7	2	10:38	106.7	6243.6	23.18	16.27	11.69	7.66	5.80	3.88	2.93	2.32	11.76	93.1	0.93	53.5	7,018	11.1	2.9	10.1	5.4	4.2	10.1
11.560	83.7	3	10:38	106.7	8131	29.42	21.08	15.33	10.08	7.61	5.08	3.85	3.04	15.41	93.1	0.93	52.4	7,055	11.1	3.0	10.3	5.5	4.3	10.3
11.560	83.7	4	10:38	106.7	8646.7	31.16	22.42	16.37	10.76	8.10	5.35	4.07	3.24	16.37	93.1	0.93	52.2	7,061	11.1	3.0	10.3	5.5	4.3	10.4
11.653	83.1	1	10:39	106.2	6518	18.60	14.45	10.48	7.16	5.59	3.76	2.84	2.29	10.68	92.8	0.93	42.6	8,112	13.2	3.4	11.9	5.7	4.4	12.7
11.653	83.1	2	10:39	106.2	6243.6	16.61	13.19	9.80	6.79	5.37	3.67	2.78	2.24	9.83	92.8	0.93	40.2	8,268	13.5	3.6	12.5	5.8	4.5	13.4
11.653	83.1	3	10:39	106.2	8120	21.19	17.24	13.02	9.20	7.22	4.90	3.73	3.01	12.98	92.8	0.93	39.6	8,110	13.2	3.7	12.8	5.8	4.5	13.6
11.653	83.1	4	10:39	106.2	8657.7	22.63	18.03	13.72	9.65	7.62	5.18	3.89	3.18	13.69	92.8	0.93	39.7	8,169	13.3	3.7	12.8	5.8	4.5	13.6
11.749	83.2	1	10:40	106.2	6430.2	23.22	16.15	11.74	7.85	5.90	3.96	3.05	2.49	13.11	92.8	0.94	52.3	7,147	11.3	3.0	10.2	5.5	4.3	10.3
11.749	83.2	2	10:40	106.2	6309.5	21.71	15.54	11.56	7.86	5.96	4.03	3.08	2.51	12.54	92.8	0.94	50.3	7,144	11.3	3.1	10.7	5.5	4.3	10.7
11.749	83.2	3	10:40	106.2	7977.4	27.43	19.97	15.09	10.30	7.76	5.19	3.96	3.2	16.06	92.8	0.94	50.3	7,010	11.0	3.2	10.7	5.5	4.3	10.7
11.749	83.2	4	10:40	106.2	8569.9	29.21	21.29	16.16	11.06	8.36	5.57	4.24	3.42	17.22	92.8	0.94	49.9	7,018	11.1	3.2	10.8	5.5	4.3	10.8
11.842	83.5	1	10:41	104.9	6474.1	20.02	15.11	11.19	7.72	5.88	4.17	3.11	2.53	10.88	92.0	0.94	46.1	7,603	12.2	3.3	11.3	5.6	4.4	11.7
11.842	83.5	2	10:41	104.9	6353.4	18.81	14.50	10.93	7.71	5.96	4.21	3.13	2.52	10.81	92.0	0.94	44.4	7,537	12.0	3.5	11.8	5.6	4.4	12.1
11.842	83.5	3	10:41	104.9	7988.3	23.60	18.26	13.89	9.87	7.60	5.31	3.94	3.17	13.68	92.0	0.94	44.4	7,466	11.9	3.5	11.9	5.6	4.4	12.2
11.842	83.5	4	10:41	104.9	8613.8	25.16	19.51	14.89	10.55	8.11	5.68	4.24	3.38	14.62	92.0	0.94	43.9	7,546	12.1	3.5	11.9	5.7	4.4	12.3
11.941	83.9	1	10:43	105.7	6232.7	29.37	20.39	13.45	8.72	6.67	4.59	3.53	2.82	13.7	92.5	0.94	66.9	5,859	8.9	2.6	8.7	5.1	4.0	8.1
11.941	83.9	2	10:43	105.7	6122.9	27.09	19.61	13.34	8.78	6.70	4.56	3.49	2.79	13.24	92.5	0.95	63.3	5,931	9.0	2.7	9.1	5.2	4.1	8.5
11.941	83.9	3	10:43	105.7	7648.2	33.97	24.99	17.37	11.48	8.70	5.89	4.50	3.61	17.13	92.5	0.95	63.6	5,783	8.8	2.8	9.2	5.1	4.1	8.5
11.941	83.9	4	10:43	105.7	8207.6	35.94	26.69	18.58	12.33	9.33	6.30	4.80	3.85	18.35	92.5	0.95	62.8	5,816	8.8	2.8	9.3	5.2	4.1	8.6
12.037	83.6	1	10:43	105.7	6079	32.97	22.08	14.07	8.34	6.05	3.79	2.80	2.26	14.11	92.5	0.94	75.4	5,737	8.7	2.2	7.8	5.0	4.0	7.2
12.037	83.6	2	10:43	105.7	6035.1	30.11	20.98	13.83	8.28	6.02	3.79	2.78	2.26	13.56	92.5	0.94	69.9	5,950	9.1	2.4	8.3	5.1	4.0	7.7
12.037	83.6	3	10:43	105.7	7768.9	38.02	27.04	18.18	10.98	7.92	4.94	3.65	2.94	17.62	92.5	0.94	68.7	5,929	9.0	2.4	8.4	5.1	4.0	7.9
12.037	83.6	4	10:43	105.7	8383.4	40.57	29.14	19.76	11.96	8.63	5.36	3.96	3.17	19.35	92.5	0.94	68.1	5,925	9.0	2.5	8.5	5.1	4.0	7.9
12.128	83.4	1	10:44	106.1	5881.5	46.47	32.44	20.98	12.93	9.31	5.77	4.17	3.28	23.6	92.8	0.96	109.0	3,753	5.3	1.8	6.2	4.4	3.6	5.0

12.128	83.4	2	10:44	106.1	5914.4	41.66	30.43	20.75	13.04	9.34	5.74	4.03	3.23	22.33	92.8	0.96	97.9	3,949	5.6	2.1	6.8	4.5	3.7	5.5
12.128	83.4	3	10:44	106.1	7637.2	52.02	38.73	26.80	17.09	12.30	7.51	5.43	4.23	28.2	92.8	0.96	94.9	3,958	5.6	2.2	7.0	4.5	3.7	5.7
12.128	83.4	4	10:44	106.1	8284.6	55.54	41.88	29.20	18.66	13.42	8.17	5.91	4.62	30.78	92.8	0.96	93.6	3,970	5.7	2.3	7.1	4.5	3.7	5.8
12.220	82.9	1	10:45	106.8	5782.8	53.23	34.98	22.37	12.47	8.65	5.17	4.02	2.96	23.63	93.3	0.95	125.1	3,604	5.1	1.4	5.5	4.3	3.5	4.3
12.220	82.9	2	10:45	106.8	5914.4	47.48	32.72	22.06	12.83	8.93	5.34	4.09	2.95	23	93.3	0.95	110.0	3,824	5.4	1.7	6.1	4.4	3.6	4.9
12.220	82.9	3	10:45	106.8	7615.3	59.23	41.92	28.54	16.65	11.47	6.89	5.10	3.93	29.53	93.3	0.95	106.8	3,885	5.5	1.8	6.3	4.4	3.7	5.1
12.220	82.9	4	10:45	106.8	8196.8	63.04	45.22	30.87	18.00	12.40	7.48	5.44	4.4	31.87	93.3	0.95	105.8	3,895	5.5	1.8	6.4	4.4	3.7	5.1
12.315	82.8	1	10:46	107	5936.4	52.64	36.63	22.54	11.97	7.97	4.70	3.44	2.89	24.8	93.4	0.94	119.9	3,881	5.5	1.4	5.6	4.4	3.6	4.5
12.315	82.8	2	10:46	107	5848.6	47.21	33.37	21.85	12.04	8.19	4.81	3.52	3	23.56	93.4	0.95	110.0	3,972	5.7	1.6	6.1	4.4	3.6	4.9
12.315	82.8	3	10:46	107	7593.3	58.17	42.08	28.39	15.97	10.64	6.33	4.59	3.71	30.11	93.4	0.95	104.8	4,068	5.8	1.8	6.3	4.5	3.7	5.2
12.315	82.8	4	10:46	107	8163.9	61.85	45.08	30.76	17.24	11.59	6.81	5.06	4.07	32.17	93.4	0.95	103.7	4,060	5.8	1.8	6.4	4.5	3.7	5.2
12.401	82.0	1	10:47	109.2	5925.4	39.15	27.57	18.20	10.67	7.18	4.13	2.98	2.37	19.86	94.8	0.93	89.9	4,710	6.9	2.0	7.0	4.7	3.8	6.0
12.401	82.0	2	10:47	109.2	5936.4	35.69	25.63	17.34	10.41	7.07	4.07	2.94	2.32	18.95	94.8	0.93	82.3	4,963	7.3	2.2	7.5	4.8	3.9	6.6
12.401	82.0	3	10:47	109.2	7790.8	45.15	32.77	22.54	13.69	9.37	5.36	3.89	3.07	24.07	94.8	0.93	79.6	5,017	7.4	2.3	7.7	4.9	3.9	6.8
12.401	82.0	4	10:47	109.2	8394.3	48.10	35.11	24.28	14.85	10.10	5.77	4.17	3.31	26.02	94.8	0.93	78.8	5,041	7.5	2.3	7.8	4.9	3.9	6.9
12.507	81.4	1	10:49	109.4	6079	26.60	18.78	13.51	9.12	7.02	4.60	3.43	2.71	13.88	95.0	0.94	62.0	5,761	8.7	2.9	9.4	5.2	4.1	8.7
12.507	81.4	2	10:49	109.4	6079	25.16	18.28	13.46	9.22	7.09	4.63	3.44	2.72	13.58	95.0	0.94	59.0	5,839	8.9	3.0	9.8	5.2	4.1	9.1
12.507	81.4	3	10:49	109.4	7812.8	31.57	23.27	17.37	11.93	9.16	5.99	4.47	3.5	17.55	95.0	0.94	57.8	5,866	8.9	3.1	10.0	5.2	4.1	9.3
12.507	81.4	4	10:49	109.4	8515	34.12	25.13	18.86	12.96	9.94	6.50	4.83	3.79	19.04	95.0	0.94	57.4	5,900	9.0	3.1	10.1	5.2	4.1	9.4
12.595	82.8	1	10:50	108.7	6057.1	31.11	22.21	15.54	10.37	7.86	5.11	3.73	2.93	15.69	94.5	0.94	72.2	5,043	7.5	2.6	8.5	4.9	3.9	7.5
12.595	82.8	2	10:50	108.7	6079	29.61	21.36	15.29	10.35	7.92	5.17	3.76	2.94	15.34	94.5	0.94	68.9	5,131	7.6	2.8	8.9	5.0	4.0	7.8
12.595	82.8	3	10:50	108.7	7856.7	37.02	27.19	19.79	13.46	10.26	6.64	4.87	3.7	19.74	94.5	0.94	66.8	5,185	7.7	2.9	9.1	5.0	4.0	8.1
12.595	82.8	4	10:50	108.7	8361.4	39.04	28.77	21.05	14.34	10.93	7.09	5.20	3.98	21.12	94.5	0.94	66.3	5,198	7.7	2.9	9.2	5.0	4.0	8.1
12.688	82.9	1	10:51	109.7	6210.7	22.82	17.68	12.51	8.28	6.33	4.24	3.06	2.42	12.59	95.2	0.93	52.8	6,645	10.4	3.1	10.5	5.4	4.2	10.2
12.688	82.9	2	10:51	109.7	6188.8	21.63	16.91	12.18	8.15	6.26	4.14	3.04	2.41	12.09	95.2	0.93	50.5	6,794	10.6	3.3	10.8	5.5	4.3	10.7
12.688	82.9	3	10:51	109.7	7977.4	27.46	21.59	15.71	10.57	8.11	5.35	3.89	3.06	15.63	95.2	0.93	49.8	6,805	10.7	3.3	11.0	5.5	4.3	10.6
12.688	82.9	4	10:51	109.7	8569.9	29.30	23.10	16.89	11.39	8.76	5.74	4.18	3.31	16.76	95.2	0.93	49.5	6,795	10.6	3.3	11.1	5.5	4.3	10.9
12.786	82.3	1	10:52	108	6221.7	20.47	14.93	10.63	7.08	5.48	3.74	2.84	2.32	10.33	94.1	0.93	47.9	7,592	12.2	3.2	10.9	5.6	4.3	11.3
12.786	82.3	2	10:52	108	6155.8	19.22	14.39	10.42	7.06	5.47	3.72	2.85	2.31	10.19	94.1	0.93	45.8	7,690	12.3	3.3	11.3	5.6	4.4	11.8
12.786	82.3	3	10:52	108	7834.7	24.59	18.36	13.48	9.13	7.04	4.79	3.66	2.92	13.3	94.1	0.93	46.0	7,620	12.2	3.3	11.3	5.6	4.4	11.7
12.786	82.3	4	10:52	108	8416.3	26.56	19.65	14.47	9.80	7.54	5.12	3.91	3.13	14.37	94.1	0.93	46.2	7,621	12.2	3.3	11.3	5.6	4.4	11.7
12.888	83.6	1	10:53	109.5	6188.8	22.18	15.75	10.37	6.68	4.92	3.24	2.44	1.97	10.52	95.1	0.91	50.8	7,810	12.6	2.9	10.1	5.6	4.3	10.8
12.888	83.6	2	10:53	109.5	6232.7	20.69	15.09	10.29	6.75	5.00	3.31	2.48	2	10.26	95.1	0.92	47.6	8,016	13.0	3.1	10.7	5.6	4.4	11.3
12.888	83.6	3	10:53	109.5	8010.3	26.12	19.36	13.46	8.86	6.57	4.31	3.20	2.58	13.46	95.1	0.92	46.9	7,965	12.9	3.1	10.9	5.7	4.4	11.5
12.888	83.6	4	10:53	109.5	8591.8	27.92	20.74	14.52	9.58	7.07	4.63	3.45	2.77	14.51	95.1	0.92	46.8	7,959	12.9	3.1	10.9	5.7	4.4	11.5
12.977	82.8	1	10:54	109.2	6331.4	24.59	16.33	10.81	6.96	5.36	3.83	3.10	2.55	12.21	94.9	0.92	55.1	7,280	11.6	2.7	9.7	5.5	4.2	9.8
12.977	82.8	2	10:54	109.2	6254.6	23.19	15.80	10.79	7.17	5.52	3.93	3.17	2.6	11.82	94.9	0.93	53.0	7,243	11.5	2.9	10.1	5.5	4.3	10.2
12.977	82.8	3	10:54	109.2	7801.8	28.76	20.16	14.09	9.37	7.22	5.08	4.04	3.33	15.31	94.9	0.93	52.9	7,054	11.1	3.0	10.2	5.5	4.2	10.2
12.977	82.8	4	10:54	109.2	8438.2	30.73	21.75	15.28	10.20	7.93	5.54	4.36	3.64	16.63	94.9	0.93	52.3	7,020	11.1	3.0	10.3	5.5	4.3	10.3
13.075	83.8	1	10:55	109.2	6210.7	26.93	18.37	12.37	7.97	6.18	4.16	3.09	2.36	12.06	94.9	0.93	61.1	6,329	9.8	2.7	9.2	5.3	4.1	8.8
13.075	83.8	2	10:55	109.2	6188.8	25.45	17.74	12.28	8.01	6.21	4.19	3.12	2.41	11.78	94.9	0.93	58.3	6,434	10.0	2.8	9.6	5.3	4.2	9.3
13.075	83.8	3	10:55	109.2	7670.1	32.49	23.03	16.24	10.65	8.22	5.52	4.09	3.16	15.6	94.9	0.93	60.1	6,109	9.4	2.9	9.5	5.2	4.1	9.0
13.075	83.8	4	10:55	109.2	8284.6	34.93	24.87	17.66	11.58	8.92	5.98	4.45	3.41	16.92	94.9	0.93	59.9	6,103	9.4	2.9	9.5	5.2	4.1	9.0
13.161	83.9	1	10:56	109.2	6265.6	28.31	18.58	13.28	8.94	7.06	4.97	3.87	3.08	14.94	94.9	0.94	64.0	5,778	8.8	2.8	9.1	5.1	4.1	8.4
13.161	83.9	2	10:56	109.2	6199.7	26.81	18.45	13.38	9.08	7.17	5.06	3.90	3.11	14.6	94.9	0.94	61.7	5,780	8.8	2.9	9.5	5.2	4.1	8.8
13.161	83.9	3	10:56	109.2	7670.1	33.80	23.85	17.44	11.84	9.30	6.50	4.98	3.95	18.7	94.9	0.94	62.8	5,570	8.4	2.9	9.4	5.1	4.1	8.6
13.161	83.9	4	10:56	109.2	8251.7	36.33	25.89	19.02	12.91	10.09	7.14	5.43	4.3	20.22	94.9	0.94	62.9	5,541	8.3	2.9	9.4	5.1	4.1	8.6

13.257	83.7	1	10:57	107.4	6144.9	37.70	23.41	14.43	8.62	6.44	4.23	3.18	2.56	14.95	93.8	0.94	84.3	5,268	7.9	1.9	7.2	4.9	3.9	6.4
13.257	83.7	2	10:57	107.4	6068.1	35.14	22.96	14.59	8.84	6.55	4.25	3.15	2.54	14.5	93.8	0.94	80.0	5,327	8.0	2.1	7.5	4.9	3.9	6.7
13.257	83.7	3	10:57	107.4	7527.5	44.19	29.67	19.20	11.64	8.55	5.58	4.07	3.3	18.79	93.8	0.94	81.3	5,149	7.7	2.1	7.5	4.9	3.9	6.6
13.257	83.7	4	10:57	107.4	8207.8	47.72	32.39	21.20	12.74	9.39	6.15	4.53	3.67	20.41	93.8	0.94	80.6	5,151	7.7	2.2	7.6	4.9	3.9	6.7
13.355	84.4	1	10:58	108.7	6101	30.68	20.94	13.66	7.67	5.09	2.96	2.30	1.92	14.63	94.6	0.91	68.6	6,527	10.1	2.2	8.1	5.2	4.1	7.9
13.355	84.4	2	10:58	108.7	6144.9	29.35	19.93	13.19	7.61	5.06	3.07	2.21	2.05	14.2	94.6	0.91	65.6	6,734	10.5	2.3	8.4	5.3	4.1	8.2
13.355	84.4	3	10:58	108.7	7856.7	36.02	25.35	16.96	9.73	6.63	3.96	2.83	2.65	18	94.6	0.92	63.2	6,775	10.6	2.4	8.7	5.3	4.1	8.5
13.355	84.4	4	10:58	108.7	8350.4	38.53	26.93	18.19	10.55	7.05	4.15	3.13	2.67	19.13	94.6	0.91	63.6	6,753	10.6	2.4	8.6	5.3	4.1	8.5
13.449	83.8	1	10:59	109.5	6243.6	25.31	17.76	12.31	8.52	6.75	4.71	3.69	2.89	13.52	95.2	0.93	57.9	6,177	9.5	3.0	9.8	5.3	4.1	9.3
13.449	83.8	2	10:59	109.5	6090	23.81	17.09	12.12	8.46	6.70	4.67	3.56	2.93	12.99	95.2	0.94	56.1	6,187	9.5	3.1	10.1	5.3	4.2	9.6
13.449	83.8	3	10:59	109.5	7768.9	30.20	21.79	15.74	10.89	8.72	6.00	4.63	3.7	16.88	95.2	0.94	55.9	6,118	9.4	3.1	10.2	5.3	4.2	9.7
13.449	83.8	4	10:59	109.5	8416.3	32.40	23.71	17.24	11.91	9.50	6.56	5.01	4.11	18.07	95.2	0.94	55.4	6,115	9.4	3.2	10.3	5.3	4.2	9.7
13.537	87.4	1	11:16	110.9	6463.1	37.44	23.66	15.30	8.86	6.72	4.41	3.05	2.82	15.04	96.3	0.92	78.9	5,435	8.2	2.1	7.6	4.9	3.9	6.8
13.537	87.4	2	11:16	110.9	6243.6	33.96	22.02	14.56	8.72	6.53	4.16	3.12	2.4	14.22	96.3	0.92	74.4	5,577	8.4	2.3	8.0	5.0	4.0	7.3
13.537	87.4	3	11:16	110.9	7834.7	43.23	28.64	19.26	11.61	8.60	5.51	4.18	3.14	18.75	96.3	0.93	75.7	5,395	8.1	2.3	7.9	5.0	3.9	7.1
13.537	87.4	4	11:16	110.9	8152.9	45.57	30.29	20.46	12.26	9.13	5.93	4.33	3.46	20.04	96.3	0.93	76.7	5,305	7.9	2.3	7.9	4.9	3.9	7.0
13.644	85.2	1	11:17	111.2	6002.2	31.32	22.33	15.38	10.20	8.09	5.67	4.35	3.36	16.13	96.5	0.94	73.2	4,896	7.2	2.7	8.5	4.9	3.9	7.4
13.644	85.2	2	11:17	111.2	5947.4	28.76	20.80	14.83	10.00	7.85	5.53	4.24	3.4	15.06	96.5	0.94	68.3	5,102	7.6	2.8	9.0	5.0	4.0	7.9
13.644	85.2	3	11:17	111.2	7757.9	36.01	26.54	19.09	12.93	10.23	7.18	5.50	4.26	19.56	96.5	0.94	65.8	5,179	7.7	2.9	9.3	5.0	4.0	8.2
13.644	85.2	4	11:17	111.2	8482.1	38.50	28.48	20.82	14.19	10.98	7.69	5.90	4.66	21.51	96.5	0.94	64.4	5,283	7.9	3.0	9.4	5.1	4.0	8.4
13.729	83.0	1	11:18	112.4	5947.4	37.04	25.09	15.59	9.22	6.81	4.60	3.56	2.89	17.28	97.3	0.93	84.7	4,990	7.4	2.1	7.3	4.8	3.9	6.4
13.729	83.0	2	11:18	112.4	6024.2	33.77	23.51	15.30	9.33	6.89	4.67	3.61	2.92	16.59	97.3	0.93	76.9	5,236	7.8	2.3	7.9	4.9	3.9	7.0
13.729	83.0	3	11:18	112.4	7812.8	42.27	30.93	20.10	12.29	8.96	6.06	4.66	3.73	21.23	97.3	0.93	74.4	5,310	7.9	2.4	8.1	5.0	3.9	7.3
13.729	83.0	4	11:18	112.4	8460.2	45.34	33.48	21.75	13.25	9.71	6.52	4.98	4.09	23.1	97.3	0.93	73.8	5,329	8.0	2.4	8.2	5.0	4.0	7.3
13.832	84.5	1	11:21	112.7	6309.5	26.11	17.65	11.94	7.65	5.70	3.62	2.73	2.2	12.67	97.6	0.91	57.2	6,827	10.7	2.8	9.5	5.4	4.2	9.4
13.832	84.5	2	11:21	112.7	6090	24.51	16.93	11.65	7.53	5.64	3.62	2.73	2.2	12.04	97.6	0.91	56.0	6,808	10.7	2.9	9.8	5.4	4.2	9.6
13.832	84.5	3	11:21	112.7	7845.7	32.12	22.28	15.53	10.06	7.49	4.78	3.59	2.92	16.07	97.6	0.91	56.9	6,640	10.3	2.9	9.7	5.3	4.2	9.5
13.832	84.5	4	11:21	112.7	8339.5	33.57	23.48	16.43	10.63	7.93	5.04	3.79	3.09	17.01	97.6	0.91	56.0	6,702	10.5	2.9	9.8	5.4	4.2	9.6
13.924	84.0	1	11:22	109.5	5960.3	33.69	23.89	16.37	9.88	6.95	4.22	3.25	2.72	15.31	95.5	0.93	77.4	5,179	7.7	2.3	7.9	4.9	3.9	7.0
13.924	84.0	2	11:22	109.5	6035.1	32.08	22.69	15.93	9.80	6.93	4.23	3.25	2.7	15.01	95.5	0.93	73.4	5,347	8.0	2.4	8.2	5.0	4.0	7.4
13.924	84.0	3	11:22	109.5	7746.9	40.56	29.20	20.79	12.78	8.97	5.46	4.20	3.48	19.76	95.5	0.93	72.5	5,354	8.0	2.5	8.3	5.0	4.0	7.5
13.924	84.0	4	11:22	109.5	8350.4	42.99	31.57	22.62	13.87	9.66	5.90	4.55	3.78	21.41	95.5	0.93	71.3	5,396	8.1	2.5	8.4	5.0	4.0	7.6
14.022	83.8	1	11:23	111	5991.3	35.26	24.15	15.60	8.87	6.25	3.80	2.87	2.42	15.64	96.5	0.92	79.6	5,366	8.1	2.1	7.5	4.9	3.9	6.8
14.022	83.8	2	11:23	111	6057.1	32.33	22.68	15.16	8.89	6.28	3.83	2.91	2.43	15.02	96.5	0.92	72.8	5,651	8.5	2.3	8.1	5.0	4.0	7.4
14.022	83.8	3	11:23	111	7725	40.32	28.81	19.63	11.59	8.16	4.95	3.74	3.12	19.37	96.5	0.92	71.4	5,650	8.5	2.4	8.2	5.0	4.0	7.6
14.022	83.8	4	11:23	111	8372.4	43.25	31.15	21.35	12.64	8.86	5.37	4.06	3.39	21.16	96.5	0.92	70.8	5,670	8.6	2.4	8.3	5.0	4.0	7.6
14.120	84.7	1	11:24	112.1	6079	49.78	32.13	18.56	9.00	6.08	4.22	3.36	2.72	19.52	97.2	0.92	108.5	4,679	6.8	1.3	5.8	4.6	3.7	5.0
14.120	84.7	2	11:24	112.1	6155.8	44.97	30.62	18.64	9.44	6.39	4.30	3.37	2.75	18.72	97.2	0.92	97.5	4,864	7.2	1.6	6.4	4.7	3.8	5.5
14.120	84.7	3	11:24	112.1	7790.8	56.68	39.19	24.43	12.30	8.21	5.56	4.32	3.56	24.5	97.2	0.92	97.3	4,837	7.1	1.6	6.4	4.7	3.8	5.5
14.120	84.7	4	11:24	112.1	8372.4	60.72	42.51	26.83	13.47	8.93	6.06	4.76	3.9	26.57	97.2	0.92	97.1	4,815	7.1	1.6	6.4	4.7	3.8	5.6
14.212	83.0	1	11:25	111.1	5925.4	54.96	40.42	26.36	13.87	8.88	4.69	3.27	2.6	27.8	96.6	0.93	123.4	3,588	5.0	1.4	5.6	4.3	3.6	4.4
14.212	83.0	2	11:25	111.1	5980.3	50.82	39.07	26.57	14.55	9.41	4.85	3.29	2.58	27.07	96.6	0.93	113.8	3,643	5.1	1.7	6.0	4.3	3.6	4.7
14.212	83.0	3	11:25	111.1	7571.4	63.90	50.52	34.64	19.20	12.40	6.33	4.27	3.35	35.19	96.6	0.94	113.3	3,576	5.0	1.8	6.1	4.3	3.6	4.8
14.212	83.0	4	11:25	111.1	8065.1	68.05	54.23	37.45	20.84	13.56	6.89	4.62	3.65	37.76	96.6	0.94	113.5	3,525	4.9	1.8	6.1	4.3	3.6	4.8
14.303	83.0	1	11:26	110.8	6024.2	40.91	26.87	17.35	10.46	7.52	4.59	3.36	2.81	18.36	96.4	0.93	92.0	4,577	6.7	2.0	6.9	4.7	3.8	5.9
14.303	83.0	2	11:26	110.8	5892.5	39.01	25.80	16.99	10.39	7.48	4.57	3.35	2.69	17.93	96.4	0.93	90.0	4,589	6.7	2.0	7.1	4.7	3.8	6.0
14.303	83.0	3	11:26	110.8	7560.4	49.93	33.85	22.66	13.75	9.83	5.99	4.39	3.62	23.63	96.4	0.93	89.9	4,534	6.6	2.1	7.1	4.7	3.8	6.0

14.303	83.0	4	11:26	110.8	8087.1	53.62	36.59	24.50	14.80	10.59	6.59	4.85	3.85	25.55	96.4	0.93	90.4	4,508	6.6	2.1	7.1	4.7	3.8	6.0
14.414	83.1	1	11:27	110.6	6166.8	32.42	23.03	14.69	8.73	6.52	4.28	3.14	2.5	14.84	96.3	0.93	72.3	5,629	8.5	2.4	8.2	5.0	4.0	7.5
14.414	83.1	2	11:27	110.6	5991.3	30.21	21.79	14.20	8.62	6.45	4.19	3.08	2.48	14.32	96.3	0.93	69.7	5,674	8.6	2.5	8.4	5.1	4.0	7.7
14.414	83.1	3	11:27	110.6	7659.1	38.36	28.30	18.66	11.47	8.48	5.50	4.04	3.23	18.85	96.3	0.93	69.4	5,600	8.5	2.5	8.5	5.1	4.0	7.8
14.414	83.1	4	11:27	110.6	8240.7	41.06	30.64	20.05	12.35	9.13	5.94	4.35	3.48	20.3	96.3	0.93	69.1	5,610	8.5	2.5	8.5	5.1	4.0	7.8
14.501	83.7	1	11:28	110.5	6122.9	26.91	19.01	12.69	8.03	6.00	3.79	2.75	2.09	12.96	96.2	0.92	61.1	6,350	9.8	2.7	9.2	5.3	4.1	8.8
14.501	83.7	2	11:28	110.5	6046.1	25.41	18.06	12.33	7.96	5.96	3.76	2.74	2	12.52	96.2	0.92	58.8	6,446	10.0	2.8	9.5	5.3	4.2	9.2
14.501	83.7	3	11:28	110.5	7725	32.25	23.57	16.54	10.64	7.94	5.06	3.59	2.75	16.45	96.2	0.92	58.6	6,303	9.7	2.9	9.6	5.3	4.1	9.2
14.501	83.7	4	11:28	110.5	8317.5	34.63	25.46	17.87	11.52	8.59	5.42	3.89	2.96	17.78	96.2	0.92	58.4	6,291	9.7	2.9	9.7	5.3	4.1	9.2
14.598	84.3	1	11:29	111.2	6024.2	26.13	19.72	14.26	9.39	7.10	4.70	3.51	2.82	14.54	96.7	0.93	61.2	5,705	8.6	3.0	9.6	5.2	4.1	8.8
14.598	84.3	2	11:29	111.2	6057.1	24.56	18.68	13.95	9.37	7.10	4.67	3.49	2.78	14.02	96.7	0.93	57.6	5,661	8.9	3.1	10.1	5.2	4.1	9.4
14.598	84.3	3	11:29	111.2	7779.8	30.71	23.83	17.85	11.99	9.07	5.97	4.48	3.59	17.98	96.7	0.93	56.2	5,934	9.1	3.2	10.3	5.3	4.1	9.6
14.598	84.3	4	11:29	111.2	8427.3	33.04	25.67	19.28	13.01	9.82	6.43	4.80	3.83	19.39	96.7	0.93	55.9	5,949	9.1	3.2	10.3	5.3	4.2	9.7
14.675	83.6	1	11:30	111.7	6035.1	30.69	20.89	14.06	9.11	7.00	4.84	3.76	3.01	14.33	97.1	0.93	70.6	5,416	8.1	2.6	8.5	5.0	4.0	7.6
14.675	83.6	2	11:30	111.7	5936.4	28.10	19.83	13.76	9.06	6.95	4.78	3.69	2.95	13.78	97.1	0.93	66.2	5,544	8.4	2.7	9.0	5.1	4.0	8.2
14.675	83.6	3	11:30	111.7	7615.3	35.78	25.45	17.94	11.78	8.98	6.16	4.76	3.84	17.87	97.1	0.93	65.8	5,535	8.3	2.8	9.0	5.1	4.0	8.2
14.675	83.6	4	11:30	111.7	8295.6	38.40	27.63	19.60	12.85	9.76	6.69	5.15	4.17	19.56	97.1	0.93	64.9	5,575	8.4	2.8	9.1	5.1	4.0	8.3
14.778	83.8	1	11:31	111.7	5914.4	37.93	25.27	16.44	9.50	6.78	4.35	3.26	2.81	17.16	97.1	0.93	86.8	4,920	7.3	2.0	7.1	4.8	3.8	6.2
14.778	83.8	2	11:31	111.7	5969.3	35.95	24.48	16.36	9.60	6.85	4.41	3.21	2.79	16.52	97.1	0.93	81.9	5,062	7.5	2.2	7.5	4.8	3.9	6.6
14.778	83.8	3	11:31	111.7	7615.3	46.11	31.96	21.63	12.59	8.86	5.62	4.34	3.39	21.62	97.1	0.93	82.3	5,012	7.4	2.2	7.5	4.8	3.9	6.6
14.778	83.8	4	11:31	111.7	8229.7	49.97	34.63	23.58	13.75	9.65	6.12	4.70	3.72	23.72	97.1	0.93	82.6	4,984	7.4	2.2	7.5	4.8	3.9	6.5
14.876	83.7	1	11:32	111.4	6276.5	29.21	21.05	14.48	9.37	6.92	4.31	3.06	2.27	15.47	96.9	0.92	64.6	5,787	8.8	2.7	9.0	5.1	4.1	8.4
14.876	83.7	2	11:32	111.4	6101	27.63	20.01	14.09	9.28	6.87	4.30	3.05	2.27	14.89	96.9	0.92	63.1	5,775	8.8	2.8	9.3	5.1	4.1	8.6
14.876	83.7	3	11:32	111.4	7593.3	35.07	26.15	18.79	12.41	9.14	5.69	4.02	3.02	19.46	96.9	0.93	64.5	5,501	8.3	2.9	9.2	5.1	4.0	8.4
14.876	83.7	4	11:32	111.4	8131	37.05	27.85	20.09	13.36	9.80	6.08	4.33	3.21	20.91	96.9	0.93	63.7	5,524	8.3	2.9	9.3	5.1	4.0	8.5
14.962	84.0	1	11:33	112.1	5969.3	34.17	23.63	15.70	9.48	7.09	4.65	3.48	2.78	16.66	97.4	0.93	78.4	5,080	7.5	2.3	7.8	4.9	3.9	6.9
14.962	84.0	2	11:33	112.1	5914.4	31.61	22.66	15.56	9.61	7.19	4.70	3.49	2.78	16.06	97.4	0.93	73.7	5,161	7.7	2.5	8.3	4.9	3.9	7.3
14.962	84.0	3	11:33	112.1	7604.3	39.80	28.98	20.29	12.60	9.35	6.10	4.52	3.61	20.72	97.4	0.93	72.4	5,171	7.7	2.6	8.4	5.0	4.0	7.5
14.962	84.0	4	11:33	112.1	8240.7	42.69	31.19	22.00	13.64	10.15	6.57	4.89	3.92	22.47	97.4	0.93	71.7	5,187	7.7	2.6	8.5	5.0	4.0	7.5
15.068	84.3	1	11:34	112.9	6133.9	32.87	20.88	13.76	8.26	6.08	3.96	2.92	2.46	14.88	97.9	0.91	72.7	5,781	8.8	2.3	8.0	5.0	4.0	7.4
15.068	84.3	2	11:34	112.9	6035.1	29.76	19.37	13.27	8.24	6.10	3.95	2.97	2.27	14.03	97.9	0.91	67.4	5,937	9.1	2.5	8.6	5.1	4.0	8.0
15.068	84.3	3	11:34	112.9	7615.3	37.21	24.77	17.29	10.79	7.97	5.12	3.83	2.95	18.18	97.9	0.92	67.0	5,845	8.9	2.6	8.7	5.1	4.0	8.1
15.068	84.3	4	11:34	112.9	8218.8	39.57	26.49	18.63	11.65	8.59	5.52	4.10	3.28	19.66	97.9	0.92	66.1	5,887	9.0	2.6	8.8	5.1	4.1	8.2
15.162	83.8	1	11:35	112.1	5958.3	33.19	22.28	14.23	7.57	4.94	2.81	2.02	1.56	15.19	97.4	0.90	73.8	6,231	9.6	2.0	7.7	5.1	4.0	7.3
15.162	83.8	2	11:35	112.1	5991.3	30.59	21.07	13.89	7.59	5.01	2.80	1.97	1.54	14.59	97.4	0.89	68.1	6,472	10.0	2.2	8.2	5.2	4.1	7.9
15.162	83.8	3	11:35	112.1	7703	38.31	26.87	17.93	9.76	6.35	3.56	2.55	2.01	18.53	97.4	0.89	66.5	6,603	10.3	2.3	8.3	5.2	4.1	8.1
15.162	83.8	4	11:35	112.1	8339.5	41.17	29.03	19.50	10.63	6.89	3.84	2.75	2.2	19.98	97.4	0.89	66.0	6,618	10.3	2.3	8.4	5.2	4.1	8.2
15.252	83.4	1	11:36	112.5	5892.5	40.98	27.76	16.91	9.17	6.14	3.41	2.48	2.03	17.85	97.7	0.91	91.7	4,974	7.4	1.8	6.7	4.6	3.8	5.9
15.252	83.4	2	11:36	112.5	5969.3	36.45	25.98	16.63	9.30	6.26	3.46	2.50	2.01	17.01	97.7	0.91	81.4	5,278	7.9	2.1	7.4	4.9	3.9	6.6
15.252	83.4	3	11:36	112.5	7626.2	45.26	33.39	21.60	12.11	8.04	4.47	3.22	2.57	21.72	97.7	0.91	79.3	5,334	8.0	2.1	7.6	4.9	3.9	6.8
15.252	83.4	4	11:36	112.5	8196.8	48.06	35.35	23.45	13.17	8.70	4.84	3.50	2.8	23.54	97.7	0.91	78.5	5,345	8.0	2.2	7.7	4.9	3.9	6.9
15.335	83.8	1	11:37	112.7	6013.2	46.00	30.10	19.48	10.69	7.41	4.57	3.41	2.76	21.57	97.8	0.92	102.1	4,357	6.3	1.7	6.3	4.6	3.7	5.3
15.335	83.8	2	11:37	112.7	6013.2	42.45	29.14	19.46	10.91	7.56	4.62	3.41	2.71	20.76	97.8	0.92	94.8	4,479	6.5	1.9	6.8	4.6	3.8	5.7
15.335	83.8	3	11:37	112.7	7703	53.99	37.67	25.70	14.50	9.92	6.00	4.46	3.56	27.24	97.8	0.93	94.3	4,436	6.4	1.9	6.8	4.6	3.8	5.7
15.335	83.8	4	11:37	112.7	8328.5	58.14	40.81	28.07	15.81	10.78	6.50	4.83	3.85	29.38	97.8	0.93	94.0	4,432	6.4	2.0	6.8	4.6	3.8	5.7
15.433	83.9	1	11:38	114.9	5881.5	59.32	40.79	23.58	11.57	7.22	3.93	3.09	2.64	22.27	99.3	0.91	130.4	3,805	5.4	1.1	5.2	4.3	3.5	4.1
15.433	83.9	2	11:38	114.9	5991.3	52.44	37.14	23.01	12.07	7.69	4.02	3.06	2.59	21.26	99.3	0.91	114.1	3,996	5.7	1.5	5.8	4.4	3.6	4.7

15.433	83.9	3	11:38	114.9	7604.3	65.02	47.46	29.91	15.84	9.94	5.24	4.02	3.37	27.8	99.3	0.91	111.8	4,005	5.7	1.6	6.0	4.4	3.6	4.8
15.433	83.9	4	11:38	114.9	8163.9	69.09	50.99	32.55	17.43	10.88	5.69	4.46	3.71	29.84	99.3	0.91	110.8	3,985	5.7	1.6	6.0	4.4	3.6	4.9
15.537	82.6	1	11:39	112	6035.1	37.94	25.63	15.73	8.82	6.17	4.06	3.23	2.52	16.57	97.4	0.92	84.6	5,276	7.9	1.9	7.1	4.9	3.9	6.4
15.537	82.6	2	11:39	112	5969.3	34.36	23.53	15.22	8.87	6.30	4.20	3.21	2.6	15.83	97.4	0.92	78.2	5,408	8.1	2.2	7.7	4.9	3.9	6.9
15.537	82.6	3	11:39	112	7659.1	42.00	29.69	19.73	11.65	8.22	5.49	4.13	3.46	20.34	97.4	0.92	74.9	5,478	8.2	2.3	8.0	5.0	4.0	7.2
15.537	82.6	4	11:39	112	8229.7	44.31	31.61	21.20	12.53	8.88	5.96	4.45	3.78	21.8	97.4	0.92	73.7	5,507	8.3	2.3	8.1	5.0	4.0	7.3
15.642	82.7	1	11:40	113.1	5903.5	44.98	32.18	21.43	12.50	8.85	5.62	4.14	3.35	22.07	98.2	0.94	103.2	3,931	5.6	1.9	6.5	4.5	3.7	5.2
15.642	82.7	2	11:40	113.1	5881.5	39.34	28.91	20.15	12.37	8.93	5.67	4.16	3.33	20.5	98.2	0.94	91.5	4,129	5.9	2.2	7.2	4.6	3.8	5.9
15.642	82.7	3	11:40	113.1	7549.4	48.55	36.41	25.90	16.07	11.48	7.20	5.29	4.2	26.09	98.2	0.94	88.2	4,192	6.0	2.3	7.4	4.6	3.8	6.1
15.642	82.7	4	11:40	113.1	8120	51.42	38.78	27.81	17.29	12.37	7.73	5.69	4.54	28.02	98.2	0.94	86.9	4,214	6.1	2.4	7.5	4.6	3.8	6.2
15.721	83.1	1	11:41	114.9	6188.8	30.53	21.41	14.20	8.18	5.47	2.98	1.94	1.44	14.15	99.4	0.89	65.4	6,388	9.9	2.4	8.6	5.2	4.1	8.3
15.721	83.1	2	11:41	114.9	6188.8	27.76	19.95	13.66	8.13	5.58	3.05	2.00	1.54	13.25	99.4	0.89	60.1	6,599	10.3	2.7	9.2	5.3	4.1	9.0
15.721	83.1	3	11:41	114.9	7648.2	34.27	25.08	17.09	10.21	7.01	3.81	2.62	2.09	16.65	99.4	0.89	60.1	6,542	10.2	2.7	9.2	5.3	4.1	9.0
15.721	83.1	4	11:41	114.9	8350.4	37.20	26.96	18.48	11.02	7.59	4.07	2.78	2.21	18.44	99.4	0.89	59.7	6,589	10.3	2.7	9.3	5.3	4.1	9.0
15.828	83.2	1	11:42	114.8	6276.5	22.00	16.46	11.52	7.42	5.37	3.15	2.22	1.69	11.7	99.3	0.89	48.5	7,546	12.1	3.1	10.8	5.6	4.3	11.1
15.828	83.2	2	11:42	114.8	6166.8	20.20	15.24	10.91	7.17	5.30	3.34	2.13	1.81	11.04	99.3	0.89	46.0	7,724	12.4	3.3	11.3	5.6	4.4	11.7
15.828	83.2	3	11:42	114.8	7801.8	25.44	19.45	14.20	9.42	6.98	4.19	2.91	2.18	14.25	99.3	0.89	45.8	7,541	12.1	3.4	11.4	5.6	4.4	11.8
15.828	83.2	4	11:42	114.8	8405.3	27.21	20.87	15.31	10.26	7.54	4.46	3.17	2.36	15.36	99.3	0.89	45.4	7,547	12.1	3.4	11.5	5.6	4.4	11.9
15.920	83.1	1	11:43	114.3	6496	21.86	16.02	11.16	7.38	5.69	3.88	2.91	2.22	11.45	99.0	0.90	47.5	7,556	12.1	3.2	11.0	5.6	4.3	11.4
15.920	83.1	2	11:43	114.3	6419.2	20.38	15.25	10.89	7.28	5.68	3.87	2.91	2.27	11.01	99.0	0.90	45.2	7,667	12.3	3.4	11.5	5.6	4.4	11.9
15.920	83.1	3	11:43	114.3	7834.7	25.57	19.30	13.91	9.31	7.24	4.94	3.71	2.75	14.04	99.0	0.91	46.5	7,382	11.7	3.4	11.4	5.6	4.3	11.6
15.920	83.1	4	11:43	114.3	8339.5	27.38	20.76	14.98	9.98	7.80	5.23	4.05	3.02	15.09	99.0	0.91	46.7	7,308	11.6	3.4	11.4	5.6	4.3	11.6
16.007	82.9	1	11:44	111.8	6122.9	38.28	27.63	18.02	10.60	7.26	4.21	3.22	2.46	18.58	97.4	0.92	84.3	4,888	7.2	2.1	7.4	4.8	3.9	6.4
16.007	82.9	2	11:44	111.8	6068.1	34.19	25.49	17.36	10.44	7.26	4.26	3.14	2.47	17.41	97.4	0.92	76.7	5,094	7.6	2.4	8.0	4.9	3.9	7.0
16.007	82.9	3	11:44	111.8	7648.2	42.19	32.06	22.20	13.54	9.36	5.43	3.96	3.1	22.29	97.4	0.92	75.3	5,074	7.5	2.5	8.1	4.9	3.9	7.2
16.007	82.9	4	11:44	111.8	8273.6	44.89	34.54	24.12	14.82	10.25	5.93	4.32	3.41	24.07	97.4	0.92	74.2	5,073	7.5	2.5	8.3	4.9	3.9	7.3
16.104	80.5	1	11:45	112.7	6583.8	24.89	19.30	13.28	8.27	6.19	4.00	3.01	2.46	12.96	98.0	0.91	52.9	6,918	10.9	3.0	10.3	5.4	4.2	10.2
16.104	80.5	2	11:45	112.7	6518	21.85	17.72	12.51	8.04	5.96	3.95	3.00	2.39	12.2	98.0	0.91	47.7	7,363	11.7	3.3	11.1	5.6	4.3	11.3
16.104	80.5	3	11:45	112.7	7845.7	27.76	22.57	16.28	10.52	7.81	5.04	3.88	3	15.59	98.0	0.91	50.2	6,838	10.7	3.3	10.9	5.5	4.3	10.8
16.104	80.5	4	11:45	112.7	8317.5	29.67	24.22	17.52	11.31	8.46	5.47	4.13	3.37	17.33	98.0	0.91	50.6	6,723	10.5	3.3	10.9	5.4	4.3	10.7
16.203	81.3	1	11:46	115.2	6430.2	26.39	18.90	12.75	8.04	5.81	3.44	2.49	1.81	13.31	99.7	0.89	55.8	6,850	10.7	2.9	9.8	5.4	4.2	9.7
16.203	81.3	2	11:46	115.2	6375.3	24.31	17.74	12.15	7.76	5.65	3.42	2.44	1.84	12.44	99.7	0.89	52.3	7,143	11.3	3.0	10.2	5.5	4.3	10.3
16.203	81.3	3	11:46	115.2	7856.7	30.58	22.63	15.56	9.81	7.06	4.22	2.98	2.22	15.78	99.7	0.89	53.3	7,026	11.1	3.0	10.1	5.4	4.2	10.1
16.203	81.3	4	11:46	115.2	8295.6	32.43	24.26	16.73	10.56	7.57	4.52	3.22	2.36	16.63	99.7	0.89	53.6	6,950	10.9	3.0	10.1	5.4	4.2	10.1
16.303	82.1	1	11:47	114.2	6265.6	35.81	27.48	18.39	10.59	6.89	3.57	2.53	2.08	17.13	99.0	0.90	75.9	5,305	7.9	2.3	7.9	4.9	3.9	7.1
16.303	82.1	2	11:47	114.2	6210.7	32.26	25.18	17.53	10.44	6.87	3.76	2.64	1.97	16.17	99.0	0.90	69.9	5,516	8.3	2.5	8.5	5.0	4.0	7.7
16.303	82.1	3	11:47	114.2	7681.1	39.43	30.98	21.70	13.00	8.67	4.66	3.17	2.77	19.97	99.0	0.90	69.2	5,480	8.2	2.6	8.6	5.0	4.0	7.8
16.303	82.1	4	11:47	114.2	8163.9	41.82	32.92	23.20	13.93	9.39	5.01	3.43	3.14	21.54	99.0	0.90	69.1	5,426	8.1	2.6	8.7	5.0	4.0	7.8
16.388	83.1	1	11:48	110.1	6046.1	42.96	27.35	15.85	8.39	5.73	3.55	2.65	2.09	18.46	96.3	0.92	94.4	5,162	7.7	1.6	6.5	4.8	3.8	5.7
16.388	83.1	2	11:48	110.1	5991.3	38.00	25.60	16.15	8.73	5.97	3.66	2.67	2.09	17.37	96.3	0.92	85.2	5,323	8.0	1.9	7.1	4.9	3.9	6.3
16.388	83.1	3	11:48	110.1	7494.5	47.28	33.80	21.12	11.44	7.67	4.66	3.43	2.67	22.08	96.3	0.92	84.9	5,264	7.9	1.9	7.1	4.9	3.9	6.4
16.388	83.1	4	11:48	110.1	8185.8	50.89	37.28	23.24	12.57	8.53	5.11	3.69	3.02	23.92	96.3	0.92	83.7	5,251	7.8	2.0	7.2	4.9	3.9	6.4
16.493	83.1	1	11:49	112.1	5859.6	48.41	31.69	19.69	10.09	6.31	3.41	2.52	2.03	21.17	97.7	0.91	107.8	4,491	6.5	1.4	5.9	4.6	3.7	5.0
16.493	83.1	2	11:49	112.1	5859.6	42.76	29.70	19.55	10.43	6.63	3.48	2.48	1.97	19.91	97.7	0.91	96.1	4,658	6.8	1.8	6.6	4.7	3.8	5.6
16.493	83.1	3	11:49	112.1	7505.5	52.96	37.71	25.31	13.66	8.63	4.46	3.24	2.58	25.38	97.7	0.91	93.2	4,695	6.9	1.9	6.8	4.7	3.8	5.8
16.493	83.1	4	11:49	112.1	8218.8	57.13	40.96	27.85	15.11	9.48	4.82	3.54	2.85	27.68	97.7	0.91	91.8	4,721	6.9	1.9	6.9	4.7	3.8	5.9
16.578	81.6	1	11:50	111.6	5749.8	55.72	39.49	25.19	14.31	9.75	5.74	4.23	3.3	25.57	97.5	0.94	130.2	3,293	4.6	1.4	5.4	4.2	3.5	4.1

16.578	81.6	2	11:50	111.8	5793.7	48.59	35.46	24.12	14.29	9.84	5.81	4.22	3.27	23.9	97.5	0.94	113.6	3,515	4.9	1.8	6.1	4.3	3.6	4.8
16.578	81.6	3	11:50	111.8	7406.8	60.14	45.09	31.12	18.61	12.77	7.48	5.43	4.22	30.72	97.5	0.94	110.2	3,535	5.0	1.9	6.3	4.3	3.6	4.9
16.578	81.6	4	11:50	111.8	8032.2	64.50	48.80	34.07	20.41	14.17	8.28	5.96	4.63	33.2	97.5	0.94	109.3	3,505	4.9	2.0	6.4	4.3	3.6	4.9
16.667	81.6	1	11:51	113.8	6046.1	35.49	24.56	15.96	8.67	5.95	3.63	2.65	2.04	15.15	98.8	0.90	78.2	5,561	8.4	2.1	7.6	5.0	3.9	6.9
16.667	81.6	2	11:51	113.8	6013.2	31.48	22.80	15.41	8.86	6.09	3.67	2.66	2.07	14.56	98.8	0.91	70.5	5,775	8.8	2.4	8.3	5.1	4.0	7.7
16.667	81.6	3	11:51	113.8	7604.3	39.11	28.89	19.76	11.55	7.89	4.76	3.50	2.68	18.35	98.8	0.91	69.5	5,743	8.7	2.5	8.4	5.1	4.0	7.8
16.667	81.6	4	11:51	113.8	8207.8	41.76	31.15	21.39	12.65	8.59	5.21	3.90	2.94	19.98	98.8	0.91	68.9	5,743	8.7	2.5	8.5	5.1	4.0	7.8
16.769	82.0	1	11:52	115.1	6430.2	24.90	17.44	11.50	7.15	5.17	3.12	2.24	1.76	12.12	99.7	0.88	52.6	7,506	12.0	2.8	10.0	5.5	4.3	10.3
16.769	82.0	2	11:52	115.1	6353.4	22.91	16.30	11.02	7.05	5.09	3.13	2.28	1.81	11.49	99.7	0.89	49.5	7,755	12.5	3.0	10.5	5.6	4.3	10.9
16.769	82.0	3	11:52	115.1	7790.8	28.55	20.72	14.31	9.17	6.64	4.07	2.96	2.32	14.59	99.7	0.89	50.4	7,430	11.8	3.0	10.5	5.5	4.3	10.7
16.769	82.0	4	11:52	115.1	8383.4	30.94	22.39	15.43	10.04	7.20	4.43	3.25	2.56	16.2	99.7	0.89	50.8	7,375	11.7	3.0	10.4	5.5	4.3	10.6
16.863	83.0	1	11:54	114.4	6342.4	25.55	17.76	12.32	7.63	5.50	3.33	2.26	1.68	13.2	99.3	0.89	55.0	7,069	11.2	2.8	9.8	5.4	4.2	9.8
16.863	83.0	2	11:54	114.4	6276.5	23.68	16.79	11.81	7.60	5.53	3.50	2.09	1.87	12.67	99.3	0.90	52.1	7,199	11.4	3.0	10.2	5.5	4.3	10.4
16.863	83.0	3	11:54	114.4	7736	29.93	21.59	15.37	10.00	7.28	4.45	2.97	2.21	16.01	99.3	0.90	53.4	6,851	10.7	3.0	10.2	5.4	4.2	10.1
16.863	83.0	4	11:54	114.4	8218.8	31.98	23.01	16.57	10.82	7.90	4.76	3.30	2.41	17.19	99.3	0.90	53.7	6,749	10.6	3.0	10.2	5.4	4.2	10.1
16.958	82.2	1	11:55	115.5	6243.6	33.43	25.57	18.59	12.09	8.59	4.63	3.02	2.16	18.62	100.0	0.91	72.6	4,787	7.0	2.8	8.6	4.9	3.9	7.4
16.958	82.2	2	11:55	115.5	6144.9	29.96	23.12	17.14	11.46	8.27	4.61	2.98	2.13	16.93	100.0	0.91	66.8	5,024	7.4	3.0	9.2	5.0	4.0	8.1
16.958	82.2	3	11:55	115.5	7659.1	36.46	28.52	21.43	14.46	10.47	5.83	3.80	2.73	21.01	100.0	0.92	65.4	5,014	7.4	3.0	9.4	5.0	4.0	8.3
16.958	82.2	4	11:55	115.5	8262.7	38.61	30.26	22.84	15.52	11.29	6.35	4.14	2.98	22.44	100.0	0.92	64.4	5,047	7.5	3.1	9.5	5.0	4.0	8.4
17.051	83.0	1	11:56	114.3	5925.4	47.65	32.15	19.87	10.33	6.45	3.58	2.75	2.22	21.24	99.3	0.90	104.5	4,528	6.6	1.5	6.1	4.6	3.7	5.2
17.051	83.0	2	11:56	114.3	5969.3	42.37	29.80	19.30	10.38	6.51	3.62	2.73	2.2	19.86	99.3	0.90	93.0	4,812	7.1	1.8	6.7	4.7	3.8	5.8
17.051	83.0	3	11:56	114.3	7593.3	53.07	38.39	25.08	13.52	8.49	4.64	3.38	2.72	25.65	99.3	0.90	91.7	4,786	7.0	1.9	6.8	4.7	3.8	5.9
17.051	83.0	4	11:56	114.3	8185.8	56.62	41.51	27.18	14.76	9.21	5.12	3.75	3	27.83	99.3	0.90	91.0	4,794	7.0	1.9	6.9	4.7	3.8	5.9
17.136	81.8	1	11:57	112.4	5980.3	46.98	34.33	22.62	13.67	10.13	6.14	4.24	2.99	22.96	98.0	0.94	106.8	3,622	5.1	2.0	6.4	4.4	3.6	5.1
17.136	81.8	2	11:57	112.4	5914.4	42.28	31.79	21.97	13.63	10.09	6.11	4.22	3.04	22.87	98.0	0.94	97.8	3,751	5.3	2.2	6.9	4.5	3.7	5.5
17.136	81.8	3	11:57	112.4	7330	51.78	39.50	27.92	17.44	12.91	7.79	5.30	3.77	27.43	98.0	0.94	97.0	3,696	5.2	2.3	7.0	4.4	3.7	5.6
17.136	81.8	4	11:57	112.4	7999.3	55.43	42.43	30.24	19.16	14.17	8.55	5.84	4.18	30.08	98.0	0.95	95.3	3,711	5.2	2.3	7.2	4.5	3.7	5.7
17.235	82.7	1	11:58	111.9	6013.2	41.19	29.31	18.45	9.48	5.58	2.47	1.54	1.23	18.42	97.7	0.88	88.2	5,314	7.9	1.8	6.8	4.8	3.9	6.1
17.235	82.7	2	11:58	111.9	6101	36.44	26.61	17.59	9.54	5.78	2.59	1.64	1.23	17.06	97.7	0.89	77.9	5,625	8.5	2.1	7.6	5.0	3.9	6.9
17.235	82.7	3	11:58	111.9	7757.9	44.20	32.56	21.74	11.82	7.13	3.12	2.01	1.54	21.17	97.7	0.88	74.3	5,846	8.9	2.2	7.8	5.0	4.0	7.3
17.235	82.7	4	11:58	111.9	8394.3	46.95	34.89	23.33	12.77	7.70	3.40	2.18	1.67	22.71	97.7	0.88	73.1	5,904	9.0	2.2	7.9	5.1	4.0	7.4
17.341	82.9	1	11:59	112.2	6375.3	35.94	24.93	15.92	8.70	5.43	2.71	1.70	1.31	15.83	97.9	0.89	73.8	6,111	9.4	2.1	7.7	5.1	4.0	7.3
17.341	82.9	2	11:59	112.2	6375.3	31.69	22.68	15.06	8.66	5.52	2.80	1.77	1.35	15.03	97.9	0.89	66.0	6,436	10.0	2.4	8.5	5.2	4.1	8.2
17.341	82.9	3	11:59	112.2	7790.8	38.09	27.63	18.45	10.69	6.78	3.36	2.13	1.59	18.16	97.9	0.89	64.9	6,468	10.0	2.4	8.6	5.2	4.1	8.3
17.341	82.9	4	11:59	112.2	8273.6	40.20	29.30	19.77	11.53	7.30	3.59	2.28	1.74	19.31	97.9	0.89	64.6	6,440	10.0	2.5	8.7	5.2	4.1	8.4
17.423	83.2	1	12:00	114.9	6331.4	22.69	16.23	11.52	7.33	5.52	3.60	2.70	2.17	11.92	99.7	0.90	49.8	7,396	11.8	3.1	10.6	5.5	4.3	10.8
17.423	83.2	2	12:00	114.9	6210.7	20.77	15.16	10.95	7.09	5.38	3.55	2.70	2.18	11.2	99.7	0.90	46.9	7,626	12.2	3.2	11.1	5.6	4.3	11.5
17.423	83.2	3	12:00	114.9	7736	25.87	19.19	14.05	9.16	6.84	4.49	3.45	2.69	14.2	99.7	0.90	47.0	7,529	12.0	3.3	11.2	5.6	4.3	11.5
17.423	83.2	4	12:00	114.9	8350.4	27.65	20.56	15.13	9.81	7.50	4.88	3.62	2.94	15.02	99.7	0.90	46.6	7,481	11.9	3.3	11.3	5.6	4.3	11.6
17.523	82.8	1	12:01	112.6	6463.1	24.15	19.67	13.77	8.82	6.42	3.87	2.82	2.11	13.36	98.2	0.91	52.3	6,715	10.5	3.2	10.5	5.4	4.2	10.3
17.523	82.8	2	12:01	112.6	6298.5	22.88	18.15	12.92	8.35	6.16	3.85	2.60	2.04	12.83	98.2	0.91	51.1	6,852	10.7	3.2	10.7	5.5	4.3	10.6
17.523	82.8	3	12:01	112.6	7768.9	27.86	22.89	16.61	10.89	8.02	4.89	3.41	2.61	16.39	98.2	0.91	50.6	6,645	10.4	3.3	10.9	5.4	4.3	10.7
17.523	82.8	4	12:01	112.6	8350.4	29.92	24.38	17.83	11.78	8.88	5.17	3.87	2.85	17.72	98.2	0.91	50.5	6,617	10.3	3.3	11.0	5.4	4.2	10.7
17.616	81.6	1	12:02	111.7	5695	60.39	43.50	28.46	15.58	9.67	4.60	3.10	2.46	29.87	97.7	0.93	139.7	3,153	4.4	1.3	5.1	4.1	3.5	3.9
17.616	81.6	2	12:02	111.7	5782.8	54.68	40.68	26.11	16.31	10.33	4.83	3.18	2.51	28.63	97.7	0.93	125.6	3,239	4.5	1.6	5.7	4.2	3.5	4.3
17.616	81.6	3	12:02	111.7	7286.1	67.37	51.00	36.04	21.15	13.35	6.19	4.02	3.09	36.33	97.7	0.93	123.1	3,227	4.5	1.7	5.8	4.2	3.5	4.4
17.616	81.6	4	12:02	111.7	7889.6	72.58	55.42	39.57	23.46	14.75	6.87	4.48	3.44	39.69	97.7	0.93	122.7	3,198	4.4	1.7	5.8	4.2	3.5	4.4

17.718	82.5	1	12:03	115.4	6232.7	30.81	21.80	14.95	9.09	6.42	3.53	2.50	1.91	15.27	100.1	0.89	66.1	5,868	8.9	2.6	8.8	5.1	4.0	8.2
17.718	82.5	2	12:03	115.4	6112	27.48	20.10	14.18	8.87	6.31	3.57	2.53	1.89	14.35	100.1	0.90	60.8	6,101	9.4	2.8	9.4	5.2	4.1	8.9
17.718	82.5	3	12:03	115.4	7714	34.34	25.60	18.48	11.68	8.28	4.58	3.28	2.39	18.43	100.1	0.90	60.4	5,986	9.1	2.9	9.5	5.2	4.1	8.9
17.718	82.5	4	12:03	115.4	8240.7	36.43	27.32	19.83	12.65	8.96	5.12	3.54	2.73	19.67	100.1	0.90	60.2	5,956	9.1	2.9	9.6	5.2	4.1	9.0
17.814	83.3	1	12:04	113.5	6254.6	38.02	25.12	17.00	10.24	7.00	3.63	2.15	1.81	20.96	98.9	0.90	80.5	5,109	7.6	2.2	7.6	4.9	3.9	6.7
17.814	83.3	2	12:04	113.5	6177.8	34.27	23.28	16.49	10.17	6.92	3.65	2.27	1.91	19.25	98.9	0.90	74.1	5,322	8.0	2.4	8.1	5.0	4.0	7.3
17.814	83.3	3	12:04	113.5	7593.3	42.81	47.09	21.37	13.22	8.93	4.64	2.95	2.29	24.02	98.9	0.90	75.4	5,142	7.6	2.4	8.1	4.9	3.9	7.2
17.814	83.3	4	12:04	113.5	8076.1	45.96	33.21	23.41	14.51	9.81	5.11	3.31	2.6	26.11	98.9	0.91	76.3	5,028	7.4	2.4	8.1	4.9	3.9	7.1
17.907	83.6	1	12:05	113.1	5782.8	53.14	35.35	22.24	11.54	7.02	3.69	2.55	1.94	23.51	98.6	0.91	119.4	4,011	5.7	1.3	5.6	4.4	3.6	4.5
17.907	83.6	2	12:05	113.1	5903.5	45.80	33.17	21.88	11.87	7.30	3.80	2.56	1.88	22.31	98.6	0.91	101.9	4,320	6.2	1.7	6.4	4.6	3.7	5.3
17.907	83.6	3	12:05	113.1	7461.6	56.86	41.78	28.17	15.36	9.31	4.73	3.16	2.3	28.46	98.6	0.91	100.1	4,337	6.3	1.8	6.5	4.6	3.7	5.4
17.907	83.6	4	12:05	113.1	8131	61.47	45.73	31.06	17.09	10.35	5.33	3.61	2.68	31.25	98.6	0.91	99.6	4,308	6.2	1.8	6.5	4.6	3.7	5.4
17.995	83.4	1	12:06	113	6320.4	35.41	23.40	14.11	7.41	4.61	2.48	1.71	1.31	13.73	98.6	0.88	72.6	6,626	10.3	1.9	7.8	5.2	4.0	7.4
17.995	83.4	2	12:06	113	6188.8	32.00	21.61	13.61	7.28	4.58	2.45	1.66	1.25	13.28	98.6	0.88	67.5	6,848	10.7	2.1	8.1	5.2	4.1	8.0
17.995	83.4	3	12:06	113	7582.3	39.29	26.97	17.19	9.24	5.72	2.98	2.05	1.6	16.93	98.6	0.88	67.6	6,774	10.6	2.2	8.1	5.2	4.1	8.0
17.995	83.4	4	12:06	113	8207.8	42.17	29.37	18.69	9.92	6.17	3.19	2.20	1.74	18.37	98.6	0.88	67.0	6,815	10.7	2.2	8.2	5.2	4.1	8.1
18.087	84.5	1	12:07	117	6090	25.41	19.14	14.07	9.14	6.57	3.67	2.52	1.95	18.02	101.3	0.89	56.7	6,119	9.4	3.1	10.1	5.3	4.2	9.5
18.087	84.5	2	12:07	117	6090	23.34	17.86	13.39	8.85	6.45	3.69	2.52	1.98	13.93	101.3	0.89	52.6	6,386	9.9	3.3	10.7	5.4	4.2	10.3
18.087	84.5	3	12:07	117	7834.7	29.28	22.91	17.35	11.57	8.39	4.72	3.26	2.5	17.82	101.3	0.89	51.4	6,396	9.9	3.3	10.9	5.4	4.2	10.5
18.087	84.5	4	12:07	117	8383.4	31.15	24.49	18.60	12.45	9.06	5.09	3.50	2.61	18.84	101.3	0.89	51.2	6,369	9.8	3.4	11.0	5.4	4.2	10.5
18.178	83.8	1	12:08	113	5980.3	30.66	21.41	14.09	8.20	5.77	3.56	2.62	2.04	14.33	98.6	0.90	69.1	5,986	9.1	2.4	8.3	5.1	4.0	7.8
18.178	83.8	2	12:08	113	6057.1	27.86	20.21	13.66	8.10	5.73	3.55	2.60	2.04	13.54	98.6	0.90	62.6	6,353	9.8	2.6	9.0	5.2	4.1	8.6
18.178	83.8	3	12:08	113	7768.9	35.30	26.02	17.96	10.76	7.57	4.63	3.37	2.59	17.87	98.6	0.90	62.0	6,281	9.7	2.7	9.1	5.2	4.1	8.7
18.178	83.8	4	12:08	113	8328.5	37.67	27.86	19.38	11.66	8.20	5.03	3.62	2.82	19.37	98.6	0.91	61.8	6,256	9.6	2.7	9.2	5.2	4.1	8.7
18.280	84.1	1	12:09	113.5	6254.6	32.09	23.65	16.78	10.60	7.46	4.03	2.65	2.04	17.46	99.0	0.91	69.4	5,308	7.9	2.7	8.7	5.0	4.0	7.8
18.280	84.1	2	12:09	113.5	6166.8	29.03	21.67	15.65	10.05	7.13	3.93	2.60	2.02	16.01	99.0	0.91	64.2	5,598	8.4	2.8	9.2	5.1	4.0	8.4
18.280	84.1	3	12:09	113.5	7746.9	35.70	27.08	19.86	12.97	9.26	5.07	3.39	2.57	20.27	99.0	0.91	63.1	5,530	8.3	2.9	9.4	5.1	4.1	8.6
18.280	84.1	4	12:09	113.5	8295.6	37.81	28.73	21.20	13.94	10.01	5.50	3.67	2.83	21.63	99.0	0.91	62.6	5,519	8.3	3.0	9.5	5.1	4.1	8.6
18.384	83.3	1	12:10	111.4	6287.5	25.52	18.67	13.04	8.54	6.22	3.61	2.46	1.8	12.94	97.6	0.91	56.2	6,523	10.1	2.9	9.9	5.3	4.2	9.6
18.384	83.3	2	12:10	111.4	6188.8	23.46	17.52	12.61	8.44	6.22	3.64	2.49	1.82	12.31	97.6	0.91	53.0	6,630	10.3	3.1	10.4	5.4	4.2	10.2
18.384	83.3	3	12:10	111.4	7801.8	29.48	22.28	16.24	10.90	8.00	4.62	3.14	2.3	15.89	97.6	0.91	52.9	6,554	10.2	3.2	10.5	5.4	4.2	10.2
18.384	83.3	4	12:10	111.4	8405.3	31.60	24.02	17.59	11.87	8.76	5.10	3.48	2.59	17.23	97.6	0.91	52.8	6,497	10.1	3.2	10.6	5.4	4.2	10.2
18.479	81.4	1	12:11	108.5	16481	20.53	15.04	10.76	6.69	4.62	2.45	1.67	1.28	10.78	95.7	0.84	20.1	22,284	45.9	3.6	15.5	7.1	5.4	26.9
18.479	81.4	2	12:11	108.5	16547	19.02	14.18	10.33	6.52	4.53	2.42	1.64	1.25	10.33	95.7	0.84	19.0	23,355	48.7	3.7	16.0	7.2	5.5	28.5
18.479	81.4	3	12:11	108.5	21233	24.36	18.52	13.64	8.63	6.00	3.16	2.14	1.63	13.57	95.7	0.84	19.0	22,930	47.5	3.8	16.1	7.2	5.5	28.5
18.479	81.4	4	12:11	108.5	21222	24.45	18.50	13.63	8.65	6.01	3.18	2.14	1.63	13.62	95.7	0.84	19.0	22,862	47.4	3.8	16.1	7.2	5.5	28.4
18.479	81.3	1	12:13	107.6	6210.7	20.09	14.95	10.88	6.87	4.67	2.50	1.66	1.29	10.85	95.1	0.90	45.8	8,420	13.8	3.1	10.9	5.7	4.4	11.8
18.479	81.3	2	12:13	107.6	6155.8	19.62	14.43	10.54	6.68	4.55	2.43	1.64	1.25	10.47	95.1	0.90	45.1	8,557	14.0	3.1	11.0	5.7	4.4	12.0
18.479	81.3	3	12:13	107.6	7944.4	24.54	18.54	13.65	8.69	5.99	3.19	2.43	1.65	13.74	95.1	0.90	44.0	8,563	14.1	3.2	11.3	5.8	4.4	12.3
18.479	81.3	4	12:13	107.6	8482.1	26.16	19.83	14.65	9.35	6.42	3.41	2.28	1.78	14.69	95.1	0.90	43.9	8,549	14.0	3.2	11.3	5.8	4.4	12.3
18.563	81.7	1	12:14	109.7	6342.4	15.44	11.96	8.84	5.96	4.48	2.61	1.67	1.25	8.96	96.6	0.89	35.7	9,737	16.4	3.6	13.1	6.0	4.6	15.1
18.563	81.7	2	12:14	109.7	6287.5	14.82	11.14	8.38	5.70	4.31	2.52	1.63	1.2	8.8	96.6	0.89	34.7	10,042	17.1	3.7	13.3	6.1	4.7	15.6
18.563	81.7	3	12:14	109.7	8131	19.15	14.98	11.42	7.79	5.85	3.38	2.20	1.56	11.6	96.6	0.89	34.8	9,719	16.4	3.7	13.5	6.1	4.6	15.5
18.563	81.7	4	12:14	109.7	8613.8	20.25	15.92	12.18	8.32	6.28	3.61	2.28	1.69	12.45	96.6	0.89	34.8	9,636	16.2	3.8	13.5	6.1	4.6	15.5
18.659	81.6	1	12:15	111	6101	29.36	21.20	14.52	8.82	6.05	3.30	2.33	1.81	14.86	97.5	0.90	65.3	6,066	9.3	2.6	8.8	5.2	4.1	8.3
18.659	81.6	2	12:15	111	6068.1	26.93	19.91	13.98	8.65	5.98	3.29	2.35	1.76	14.05	97.5	0.90	60.7	6,303	9.7	2.7	9.3	5.3	4.1	8.9
18.659	81.6	3	12:15	111	7790.8	34.14	25.62	18.22	11.33	7.81	4.24	2.99	2.29	18.23	97.5	0.90	60.0	6,274	9.7	2.8	9.4	5.3	4.1	9.0

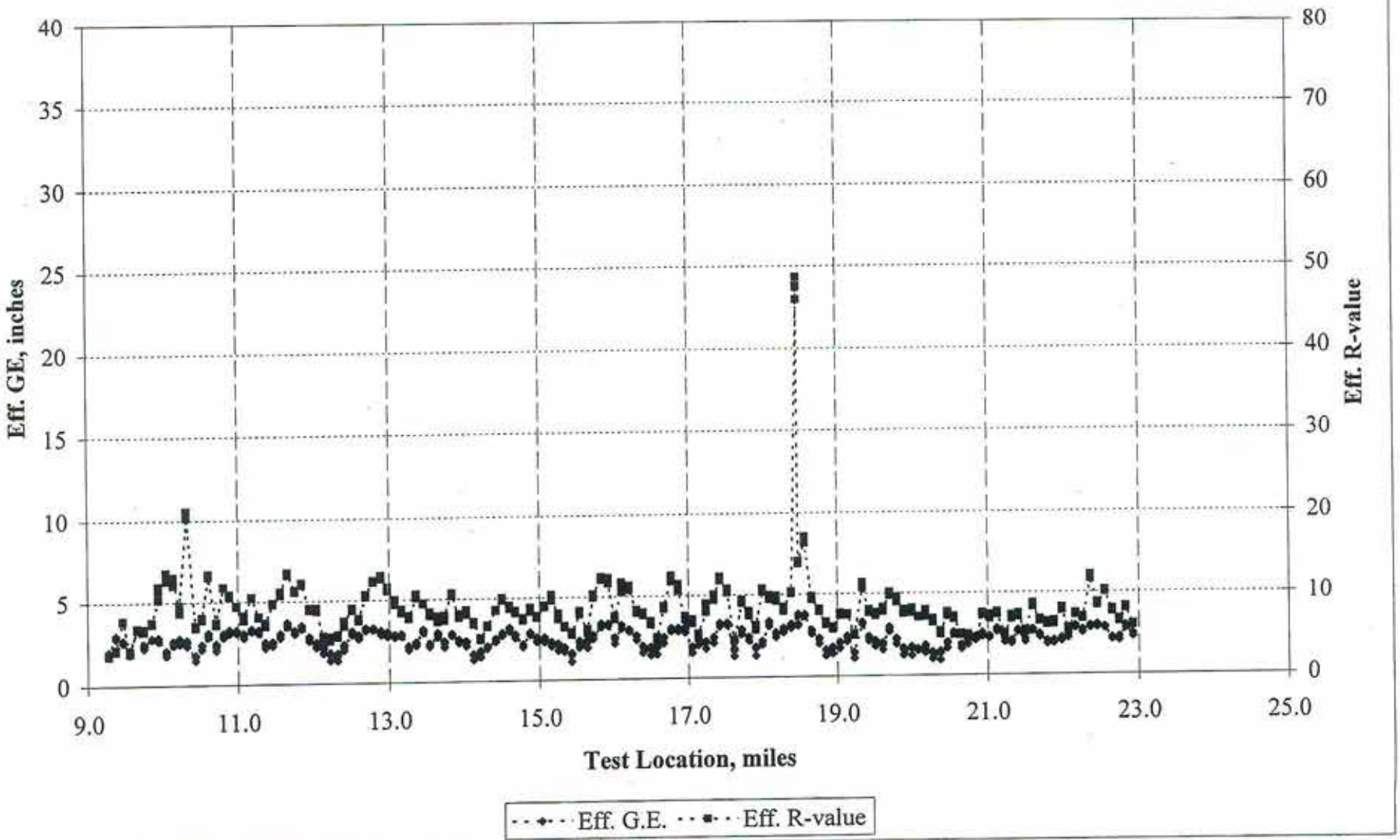
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18.759	80.7	1	12:16	109	6112	37.89	24.89	15.66	8.95	6.30	3.82	2.75	2.14	15.9	96.1	0.92	83.6	5,288	7.9	2.0	7.2	4.9	3.9	6.5
18.759	80.7	2	12:16	109	6068.1	34.11	23.46	15.31	8.91	6.47	4.08	2.83	2.41	15.36	96.1	0.92	76.8	5,436	8.2	2.2	7.8	5.0	3.9	7.0
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18.759	80.7	4	12:16	109	8218.8	45.99	32.80	22.15	13.07	9.33	5.70	4.03	3.21	21.67	96.1	0.93	76.6	5,263	7.9	2.3	7.9	4.9	3.9	7.0
18.849	80.8	1	12:17	107.3	5881.5	51.27	32.52	19.68	10.17	6.45	3.58	2.89	2.42	22.97	95.0	0.92	115.4	4,332	6.3	1.2	5.6	4.5	3.6	4.7
18.849	80.8	2	12:17	107.3	5947.4	46.35	31.12	20.27	10.61	6.75	3.67	2.90	2.43	21.96	95.0	0.92	104.0	4,504	6.5	1.5	6.2	4.6	3.7	5.2
18.849	80.8	3	12:17	107.3	7461.6	58.57	40.52	26.98	13.78	8.82	5.02	3.81	3.13	28.74	95.0	0.93	105.2	4,396	6.4	1.6	6.1	4.6	3.7	5.1
18.849	80.8	4	12:17	107.3	8109	63.61	44.63	30.09	15.42	9.83	5.50	4.24	3.5	31.6	95.0	0.93	105.2	4,341	6.3	1.6	6.2	4.5	3.7	5.1
18.940	80.7	1	12:18	108.9	5826.7	52.03	36.29	22.58	11.77	7.30	3.60	2.44	1.91	24.13	96.1	0.92	117.5	4,005	5.7	1.4	5.7	4.4	3.6	4.6
18.940	80.7	2	12:18	108.9	5925.4	47.35	34.65	22.52	12.24	7.67	3.69	2.42	1.87	23.43	96.1	0.92	105.9	4,159	6.0	1.7	6.2	4.5	3.7	5.1
18.940	80.7	3	12:18	108.9	7483.6	59.57	45.53	29.81	16.37	10.21	4.85	3.13	2.41	30.48	96.1	0.92	105.8	4,053	5.8	1.7	6.3	4.5	3.7	5.1
18.940	80.7	4	12:18	108.9	8098.1	64.12	48.84	32.89	18.09	11.32	5.39	3.55	2.76	33.44	96.1	0.92	105.4	4,012	5.7	1.8	6.3	4.5	3.7	5.1
19.038	81.7	1	12:19	108.1	6090	42.58	28.80	17.04	9.17	6.28	3.94	3.06	2.36	18.52	95.6	0.92	93.9	4,988	7.4	1.7	6.6	4.7	3.8	5.7
19.038	81.7	2	12:19	108.1	5969.3	37.52	26.38	16.53	9.28	6.45	3.99	2.74	2.41	17.38	95.6	0.93	85.3	5,125	7.6	2.0	7.2	4.8	3.9	6.3
19.038	81.7	3	12:19	108.1	7406.8	46.52	33.67	21.34	12.10	8.30	4.98	3.67	2.93	22.36	95.6	0.93	85.3	5,029	7.4	2.0	7.2	4.8	3.9	6.3
19.038	81.7	4	12:19	108.1	7988.3	49.74	36.28	23.24	13.19	9.02	5.45	3.93	3.3	24.22	95.6	0.93	84.7	5,029	7.4	2.0	7.3	4.8	3.9	6.4
19.133	81.7	1	12:20	107.5	6024.2	37.15	24.52	16.16	9.74	6.94	4.17	3.12	2.69	17.21	95.2	0.93	84.1	4,997	7.4	2.1	7.3	4.8	3.9	6.4
19.133	81.7	2	12:20	107.5	5969.3	34.05	23.48	16.23	9.97	7.15	4.30	3.19	2.73	16.67	95.2	0.93	78.5	5,063	7.5	2.3	7.8	4.9	3.9	6.9
19.133	81.7	3	12:20	107.5	7571.4	42.26	29.91	21.13	13.04	9.25	5.43	4.02	3.33	21.61	95.2	0.93	76.9	5,054	7.5	2.4	8.0	4.9	3.9	7.0
19.133	81.7	4	12:20	107.5	8163.9	45.14	32.30	23.10	14.27	10.13	6.00	4.42	3.66	23.24	95.2	0.93	76.4	5,028	7.4	2.4	8.1	4.9	3.9	7.1
19.226	81.1	1	12:21	107.9	5749.8	59.72	38.65	23.67	12.29	8.18	5.00	3.90	3.11	24.55	95.5	0.94	138.9	3,485	4.9	1.1	5.0	4.2	3.5	3.9
19.226	81.1	2	12:21	107.9	5848.6	54.13	36.72	23.69	12.67	8.64	5.36	3.98	3.28	23.94	95.5	0.94	124.9	3,618	5.1	1.4	5.5	4.3	3.6	4.3
19.226	81.1	3	12:21	107.9	7340.9	68.06	46.96	30.96	16.44	11.13	6.81	5.05	4.13	31.12	95.5	0.94	125.1	3,567	5.0	1.4	5.5	4.3	3.5	4.3
19.226	81.1	4	12:21	107.9	7933.5	73.31	51.16	34.04	18.19	12.25	7.44	5.54	4.48	34.47	95.5	0.95	124.8	3,539	5.0	1.4	5.5	4.3	3.5	4.3
19.335	81.7	1	12:22	109	6320.4	22.92	17.48	12.29	8.11	6.10	3.94	2.97	2.43	12.56	96.3	0.92	51.6	6,914	10.9	3.1	10.5	5.5	4.3	10.5
19.335	81.7	2	12:22	109	6210.7	21.26	16.44	11.90	7.96	5.85	3.81	2.96	2.11	11.93	96.3	0.92	49.0	7,170	11.3	3.2	10.9	5.5	4.3	11.0
19.335	81.7	3	12:22	109	7801.8	27.41	21.25	15.48	10.39	7.84	4.97	3.74	2.92	15.68	96.3	0.92	50.3	6,812	10.7	3.3	10.9	5.5	4.3	10.7
19.335	81.7	4	12:22	109	8405.3	29.20	22.86	16.82	11.28	8.32	5.28	4.00	3	16.92	96.3	0.92	49.7	6,906	10.8	3.3	10.9	5.5	4.3	10.9
19.421	81.9	1	12:23	108	6035.1	36.79	25.93	16.99	9.98	6.68	3.59	2.44	1.89	18.27	95.6	0.92	82.3	5,133	7.6	2.1	7.4	4.9	3.9	6.6
19.421	81.9	2	12:23	108	5925.4	32.98	23.58	16.03	9.65	6.55	3.54	2.39	1.83	17.14	95.6	0.92	75.7	5,354	8.0	2.3	7.9	5.0	3.9	7.1
19.421	81.9	3	12:23	108	7516.5	41.83	30.37	21.00	12.71	8.59	4.60	3.09	2.33	22.17	95.6	0.92	75.8	5,256	7.8	2.4	8.0	4.9	3.9	7.1
19.421	81.9	4	12:23	108	8185.8	45.44	33.28	23.19	14.09	9.52	5.09	3.43	2.59	24.12	95.6	0.92	75.7	5,210	7.8	2.4	8.0	4.9	3.9	7.1
19.509	81.4	1	12:24	107.1	6013.2	41.59	28.50	18.24	10.05	6.41	3.36	2.44	1.88	18.81	95.0	0.92	92.4	4,930	7.3	1.8	6.7	4.7	3.8	5.8
19.509	81.4	2	12:24	107.1	5980.3	37.57	26.71	17.81	10.10	6.51	3.42	2.43	1.86	17.81	95.0	0.92	84.7	5,106	7.6	2.0	7.2	4.8	3.9	6.4
19.509	81.4	3	12:24	107.1	7615.3	46.54	33.74	23.00	13.14	8.40	4.37	3.06	2.35	22.94	95.0	0.92	82.6	5,136	7.6	2.1	7.4	4.9	3.9	6.5
19.509	81.4	4	12:24	107.1	8196.8	49.60	36.24	24.91	14.31	9.14	4.73	3.34	2.57	24.88	95.0	0.92	81.9	5,130	7.6	2.1	7.5	4.9	3.9	6.6
19.609	81.6	1	12:25	106.3	5980.3	42.30	27.04	16.53	8.48	5.59	3.02	2.21	1.71	16.76	94.5	0.92	94.1	5,210	7.8	1.6	6.5	4.8	3.8	5.7
19.609	81.6	2	12:25	106.3	5903.5	37.33	25.06	16.20	8.54	5.69	3.01	2.17	1.69	16.19	94.5	0.92	84.9	5,423	8.1	1.8	7.0	4.9	3.9	6.4
19.609	81.6	3	12:25	106.3	7604.3	46.38	32.14	21.13	11.16	7.37	3.96	2.70	2.16	20.93	94.5	0.92	82.2	5,503	8.3	1.9	7.2	4.9	3.9	6.6
19.609	81.6	4	12:25	106.3	8185.8	49.41	34.67	22.99	12.23	8.06	4.32	2.90	2.35	22.59	94.5	0.92	81.5	5,486	8.2	2.0	7.3	4.9	3.9	6.6
19.698	81.4	1	12:26	107.8	6155.8	27.62	19.52	13.26	8.36	6.03	3.37	2.34	1.71	13.98	95.5	0.91	62.0	6,296	9.7	2.7	9.1	5.2	4.1	8.7
19.698	81.4	2	12:26	107.8	6101	25.38	18.11	12.74	8.24	5.96	3.35	2.45	1.7	13.24	95.5	0.92	58.0	6,508	10.1	2.8	9.6	5.3	4.2	9.3
19.698	81.4	3	12:26	107.8	7670.1	31.07	22.68	16.13	10.59	7.74	4.45	3.00	2.28	16	95.5	0.92	56.8	6,450	10.0	2.9	9.8	5.3	4.2	9.5
19.698	81.4	4	12:26	107.8	8262.7	33.17	24.24	17.39	11.44	8.39	4.82	3.28	2.48	17.62	95.5	0.92	56.4	6,447	10.0	3.0	9.9	5.3	4.2	9.6
19.791	81.6	1	12:27	106.9	6079	36.25	24.55	15.27	8.08	5.33	2.96	2.04	1.55	15.43	95.0	0.91	80.0	5,857	8.9	1.9	7.3	5.0	3.9	6.8
19.791	81.6	2	12:27	106.9	6035.1	32.42	22.80	14.89	8.15	5.41	2.99	2.04	1.53	14.52	95.0	0.91	72.8	6,091	9.3	2.1	7.9	5.1	4.0	7.4

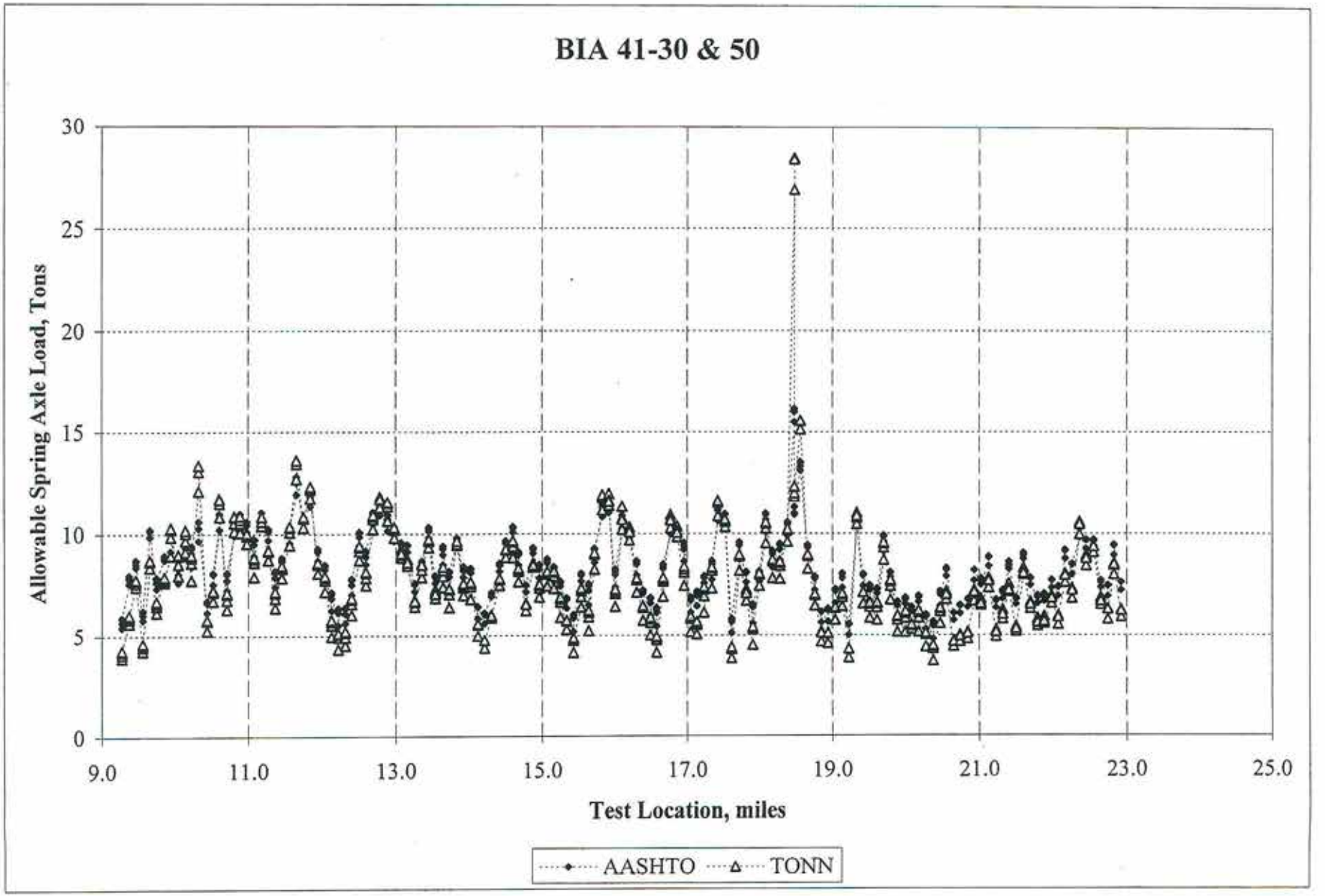
19.791	81.6	3	12:27	106.9	7659.1	39.80	28.41	18.76	10.35	6.87	3.71	2.57	1.85	18.21	95.0	0.91	70.5	6,186	9.5	2.2	8.1	5.1	4.0	7.7
19.791	81.6	4	12:27	106.9	8216.8	42.32	30.44	20.20	11.18	7.38	4.02	2.78	2.03	19.61	95.0	0.91	70.0	6,209	9.6	2.2	8.1	5.1	4.0	7.7
19.886	81.6	1	12:28	104.4	5936.4	46.67	30.19	17.49	8.47	5.29	3.02	2.26	1.81	19.45	93.3	0.92	104.7	5,054	7.5	1.2	5.9	4.7	3.7	5.2
19.886	81.6	2	12:28	104.4	5991.3	41.93	28.44	17.49	8.94	5.59	3.11	2.27	1.81	18.66	93.3	0.92	94.0	5,242	7.8	1.5	6.4	4.8	3.8	5.7
19.886	81.6	3	12:28	104.4	7648.2	51.78	36.13	22.47	11.56	7.15	3.91	2.85	2.28	23.77	93.3	0.92	91.1	5,325	8.0	1.6	6.6	4.8	3.8	5.9
19.886	81.6	4	12:28	104.4	8185.8	55.07	38.57	24.21	12.52	7.77	4.32	3.08	2.51	25.9	93.3	0.93	90.7	5,301	7.9	1.7	6.7	4.8	3.8	6.0
19.996	80.6	1	12:29	103.6	5969.3	47.19	31.83	18.69	8.86	5.17	2.69	2.02	1.64	20.14	92.8	0.92	104.9	5,110	7.6	1.2	5.8	4.7	3.7	5.1
19.996	80.6	2	12:29	103.6	6079	41.83	29.18	18.41	9.46	5.65	2.84	2.05	1.65	18.94	92.8	0.92	92.3	5,297	7.9	1.6	6.5	4.8	3.8	5.8
19.996	80.6	3	12:29	103.6	7626.2	50.34	36.16	23.20	12.01	7.12	3.53	2.57	2.03	23.67	92.8	0.92	88.8	5,396	8.1	1.7	6.7	4.8	3.9	6.1
19.996	80.6	4	12:29	103.6	8240.7	53.45	38.93	25.16	13.14	7.78	3.86	2.83	2.24	25.67	92.8	0.92	87.4	5,413	8.1	1.7	6.8	4.9	3.9	6.2
20.080	80.4	4	12:30	103.8	8174.9	59.39	43.59	29.02	15.01	8.65	4.42	3.34	2.81	28.81	92.9	0.93	97.8	4,831	7.1	1.6	6.4	4.7	3.8	5.5
20.080	80.4	2	12:30	103.8	6079	46.02	32.73	21.21	10.82	6.26	3.15	2.42	2.01	21.07	92.9	0.93	101.4	4,790	7.0	1.5	6.2	4.7	3.7	5.3
20.080	80.4	3	12:30	103.8	7637.2	55.97	40.96	27.09	13.89	8.02	3.94	3.05	2.5	26.42	92.9	0.93	98.3	4,829	7.1	1.6	6.4	4.7	3.8	5.5
20.080	80.4	4	12:30	103.8	8174.9	59.39	43.59	29.02	15.01	8.65	4.42	3.34	2.81	28.81	92.9	0.93	97.8	4,831	7.1	1.6	6.4	4.7	3.8	5.5
20.176	79.3	1	12:32	103.9	5914.4	46.24	30.56	18.35	9.38	5.85	3.12	2.47	2.03	18.84	93.0	0.93	104.5	4,816	7.1	1.4	6.0	4.6	3.7	5.2
20.176	79.3	2	12:32	103.9	5925.4	40.53	27.35	17.33	9.38	6.01	3.15	2.41	1.96	17.3	93.0	0.93	92.3	5,084	7.5	1.7	6.6	4.8	3.8	5.9
20.176	79.3	3	12:32	103.9	7527.5	49.06	33.79	21.82	11.87	7.48	4.01	3.04	2.53	22.04	93.0	0.93	88.3	5,261	7.9	1.8	6.9	4.8	3.9	6.1
20.176	79.3	4	12:32	103.9	8098.1	51.94	35.91	23.46	12.80	8.06	4.32	3.36	2.8	23.52	93.0	0.93	87.0	5,298	7.9	1.8	6.9	4.8	3.9	6.2
20.273	80.8	1	12:33	102.1	5925.4	54.07	35.91	22.31	10.26	5.93	3.28	2.65	2.09	25.3	91.9	0.94	122.0	4,425	6.4	1.0	5.3	4.5	3.6	4.4
20.273	80.8	2	12:33	102.1	6024.2	47.83	34.37	22.13	10.75	6.26	3.42	2.68	2.08	24.01	91.9	0.94	107.1	4,664	6.8	1.3	5.9	4.6	3.7	5.0
20.273	80.8	3	12:33	102.1	7615.3	59.44	43.87	28.74	14.02	8.06	4.39	3.42	2.63	31	91.9	0.94	105.5	4,661	6.8	1.4	6.0	4.6	3.7	5.1
20.273	80.8	4	12:33	102.1	8163.9	63.61	47.23	31.00	15.16	8.66	4.78	3.75	2.89	33.61	91.9	0.94	105.4	4,660	6.8	1.4	6.0	4.6	3.7	5.1
20.377	80.8	1	12:34	102.2	5804.7	62.86	42.01	25.67	12.97	7.88	3.84	2.86	2.35	27.15	91.9	0.94	144.7	3,493	4.9	0.9	4.8	4.2	3.5	3.7
20.377	80.8	2	12:34	102.2	5914.4	54.75	38.44	24.87	13.27	8.23	3.98	2.88	2.33	25.2	91.9	0.94	124.8	3,731	5.3	1.3	5.5	4.3	3.6	4.3
20.377	80.8	3	12:34	102.2	7439.7	66.90	47.93	31.67	17.03	10.48	5.02	3.63	2.92	32.22	91.9	0.94	121.4	3,760	5.3	1.4	5.6	4.3	3.6	4.4
20.377	80.8	4	12:34	102.2	8032.2	71.40	51.11	34.55	18.70	11.53	5.51	3.99	3.25	34.94	91.9	0.94	120.2	3,745	5.3	1.4	5.7	4.3	3.6	4.5
20.468	79.7	1	12:35	104.5	5969.3	42.73	28.60	17.83	9.72	6.27	3.58	2.61	2.1	18.16	93.5	0.93	96.6	4,884	7.2	1.6	6.4	4.7	3.8	5.6
20.468	79.7	2	12:35	104.5	5936.4	38.19	26.39	17.30	9.84	6.44	3.69	2.61	2.08	17.18	93.5	0.93	87.7	5,059	7.5	1.9	7.0	4.8	3.8	6.2
20.468	79.7	3	12:35	104.5	7527.5	47.25	32.90	21.87	12.50	8.17	4.60	3.29	2.61	21.54	93.5	0.93	85.7	5,116	7.6	2.0	7.1	4.8	3.9	6.3
20.468	79.7	4	12:35	104.5	8098.1	50.36	35.07	23.43	13.43	8.77	4.95	3.51	2.87	24.11	93.5	0.93	84.9	5,145	7.6	2.0	7.2	4.8	3.9	6.4
20.551	78.5	1	12:36	105.8	6243.6	36.04	26.21	18.69	11.89	8.44	4.63	3.11	2.36	18.25	94.4	0.94	79.8	4,698	6.9	2.4	7.9	4.6	3.9	6.8
20.551	78.5	2	12:36	105.8	6265.6	33.88	25.02	18.16	11.80	8.48	4.69	3.13	2.36	17.82	94.4	0.94	75.2	4,818	7.1	2.6	8.3	4.9	3.9	7.2
20.551	78.5	3	12:36	105.8	7922.5	43.72	32.37	23.64	15.40	11.08	6.14	4.09	3.05	23.35	94.4	0.94	76.8	4,685	6.9	2.6	8.2	4.8	3.9	7.0
20.551	78.5	4	12:36	105.8	8438.2	46.65	34.67	25.38	16.56	11.92	6.64	4.45	3.34	25.25	94.4	0.94	77.0	4,652	6.8	2.6	8.2	4.8	3.9	7.0
20.654	79.4	1	12:37	105.7	6024.2	54.79	39.50	27.80	15.65	9.84	4.07	2.68	2.15	26.9	94.4	0.93	121.3	3,499	4.9	1.6	5.7	4.3	3.6	4.5
20.654	79.4	2	12:37	105.7	6090	51.61	37.85	27.34	15.95	10.08	4.39	2.82	2.22	26.37	94.4	0.94	113.9	3,549	5.0	1.8	6.1	4.3	3.6	4.7
20.654	79.4	3	12:37	105.7	7626.2	65.04	46.52	35.38	20.78	13.15	5.68	3.60	2.78	34.14	94.4	0.94	114.8	3,459	4.8	1.8	6.1	4.3	3.6	4.7
20.654	79.4	4	12:37	105.7	8196.8	69.81	52.28	38.31	22.57	14.37	6.33	4.10	3.15	37.04	94.4	0.94	114.8	3,430	4.8	1.8	6.1	4.3	3.6	4.7
20.739	80.5	1	12:38	106.2	6122.9	51.90	37.12	25.98	15.81	10.96	5.86	3.67	2.57	25.96	94.7	0.95	115.5	3,397	4.7	1.8	6.1	4.3	3.6	4.7
20.739	80.5	2	12:38	106.2	6144.9	48.10	35.22	25.25	15.87	11.14	6.01	3.74	2.61	25.48	94.7	0.95	107.3	3,487	4.9	2.0	6.5	4.3	3.6	5.0
20.739	80.5	3	12:38	106.2	7746.9	61.11	45.16	32.64	20.57	14.43	7.75	4.78	3.25	33.13	94.7	0.95	108.2	3,421	4.8	2.1	6.5	4.3	3.6	5.0
20.739	80.5	4	12:38	106.2	8295.6	65.65	48.68	35.29	22.26	15.63	8.48	5.27	3.65	35.91	94.7	0.95	108.7	3,393	4.7	2.1	6.4	4.3	3.6	5.0
20.843	81.0	1	12:39	104.9	6112	49.49	36.63	26.43	17.23	12.47	6.76	4.15	2.97	26.21	93.9	0.96	111.8	3,204	4.4	2.1	6.4	4.2	3.6	4.8
20.843	81.0	2	12:39	104.9	6188.8	46.54	35.28	26.17	17.57	12.93	7.08	4.28	3.03	25.85	93.9	0.96	104.5	3,244	4.5	2.3	6.8	4.3	3.6	5.2
20.843	81.0	3	12:39	104.9	7703	58.56	44.71	33.33	22.33	16.36	8.92	5.35	3.77	33.09	93.9	0.96	105.7	3,197	4.4	2.3	6.7	4.3	3.6	5.1
20.843	81.0	4	12:39	104.9	8240.7	62.69	48.09	35.98	24.14	17.72	9.71	5.87	4.14	35.79	93.9	0.96	105.8	3,170	4.4	2.3	6.8	4.3	3.6	5.1
20.930	80.4	1	12:40	104.9	6265.6	36.91	26.11	18.26	11.30	7.80	4.03	2.48	1.75	17.74	93.9	0.93	80.9	4,885	7.2	2.3	7.7	4.8	3.9	6.7

20.930	80.4	2	12:40	104.9	6309.5	34.02	24.53	17.58	11.22	7.89	4.13	2.51	1.76	17.15	93.9	0.93	74.6	5,058	7.5	2.5	8.2	4.9	3.9	7.2
20.930	80.4	3	12:40	104.9	7878.6	42.95	31.34	22.65	14.51	10.24	5.36	3.27	2.28	22.1	93.9	0.93	75.6	4,921	7.3	2.5	8.2	4.9	3.9	7.1
20.930	80.4	4	12:40	104.9	8438.2	45.92	33.59	24.35	15.66	11.06	5.85	3.60	2.55	23.84	93.9	0.94	75.5	4,900	7.2	2.5	8.2	4.9	3.9	7.2
21.022	80.2	1	12:41	105.3	6254.6	36.45	27.44	19.34	11.74	7.69	3.54	1.96	1.32	19.67	94.2	0.92	83.4	4,828	7.1	2.2	7.5	4.8	3.9	6.5
21.022	80.2	2	12:41	105.3	6287.5	36.55	26.44	18.89	11.68	7.77	3.63	2.00	1.35	18.94	94.2	0.92	79.3	4,934	7.3	2.3	7.8	4.8	3.9	6.8
21.022	80.2	3	12:41	105.3	7889.6	46.98	34.23	24.59	15.30	10.27	4.61	2.66	1.78	24.85	94.2	0.93	81.3	4,740	7.0	2.3	7.7	4.8	3.9	6.6
21.022	80.2	4	12:41	105.3	8339.5	50.24	36.69	26.45	16.51	11.13	5.29	3.00	2.03	26.75	94.2	0.93	82.4	4,650	6.8	2.3	7.7	4.8	3.8	6.6
21.125	79.6	1	12:42	104.4	6320.4	33.52	24.42	17.98	11.65	8.18	3.96	2.25	1.65	18.11	93.6	0.93	73.5	4,988	7.4	2.6	8.4	4.9	3.9	7.4
21.125	79.6	2	12:42	104.4	6353.4	31.33	23.13	17.36	11.53	8.24	4.09	2.33	1.69	17.59	93.6	0.93	68.9	5,123	7.6	2.8	8.9	5.0	4.0	7.8
21.125	79.6	3	12:42	104.4	7955.4	39.83	29.77	22.48	15.00	10.72	5.35	3.06	2.2	22.8	93.6	0.94	70.0	4,972	7.3	2.8	8.8	4.9	4.0	7.7
21.125	79.6	4	12:42	104.4	8482.1	42.54	31.90	24.14	16.13	11.54	5.79	3.33	2.45	24.58	93.6	0.94	70.2	4,939	7.3	2.8	8.8	4.9	4.0	7.7
21.227	80.0	1	12:43	104.6	6112	48.89	35.21	25.11	15.54	10.77	5.39	3.22	2.28	25.64	93.8	0.95	109.3	3,513	4.9	2.0	6.3	4.3	3.6	4.9
21.227	80.0	2	12:43	104.6	6133.9	45.53	33.58	24.57	15.69	11.05	5.65	3.34	2.38	24.97	93.8	0.95	102.2	3,576	5.0	2.2	6.8	4.4	3.6	5.3
21.227	80.0	3	12:43	104.6	7692.1	58.06	43.35	31.90	20.38	14.34	7.31	4.28	2.98	32.46	93.8	0.95	103.9	3,479	4.9	2.2	6.7	4.4	3.6	5.2
21.227	80.0	4	12:43	104.6	8262.7	62.51	46.88	34.58	22.02	15.57	8.03	4.70	3.44	35.04	93.8	0.95	104.3	3,454	4.8	2.2	6.7	4.3	3.6	5.2
21.317	79.9	1	12:44	103.1	6177.8	42.25	29.64	19.64	11.20	7.40	3.70	2.29	1.59	18.57	92.8	0.93	93.0	4,664	6.8	1.9	6.8	4.7	3.8	5.8
21.317	79.9	2	12:44	103.1	6243.6	39.38	27.76	18.80	11.03	7.38	3.73	2.30	1.6	18.15	92.8	0.93	86.3	4,877	7.2	2.1	7.2	4.8	3.8	6.3
21.317	79.9	3	12:44	103.1	7801.8	50.83	36.35	24.80	14.58	9.75	4.92	3.07	2.11	23.82	92.8	0.94	89.1	4,662	6.8	2.0	7.1	4.7	3.8	6.1
21.317	79.9	4	12:44	103.1	8405.3	54.87	39.41	27.00	15.92	10.64	5.41	3.37	2.37	26.08	92.8	0.94	89.4	4,625	6.8	2.0	7.1	4.7	3.8	6.0
21.401	79.8	1	12:45	103.8	6254.6	33.91	24.39	18.01	11.83	8.35	4.24	2.55	1.94	18.23	93.3	0.94	75.4	4,853	7.1	2.6	8.3	4.9	3.9	7.2
21.401	79.8	2	12:45	103.8	6296.5	32.22	23.35	17.42	11.61	8.30	4.27	2.59	1.95	17.7	93.3	0.94	71.5	5,003	7.4	2.7	8.6	4.9	3.9	7.6
21.401	79.8	3	12:45	103.8	7889.6	41.76	30.50	22.75	15.18	10.85	5.56	3.35	2.5	23.04	93.3	0.94	73.9	4,809	7.1	2.7	8.5	4.9	3.9	7.3
21.401	79.8	4	12:45	103.8	8405.3	44.83	32.81	24.49	16.36	11.69	6.02	3.67	2.77	24.8	93.3	0.94	74.5	4,762	7.0	2.7	8.4	4.9	3.9	7.2
21.498	80.3	1	12:46	103.2	6144.9	46.61	33.38	23.30	14.32	9.89	4.93	2.86	1.87	23.59	92.9	0.95	103.9	3,785	5.4	2.0	6.5	4.4	3.7	5.2
21.498	80.3	2	12:46	103.2	6199.7	44.49	32.76	23.47	14.80	10.37	5.20	2.97	1.91	23.55	92.9	0.95	98.9	3,789	5.4	2.2	6.9	4.5	3.7	5.5
21.498	80.3	3	12:46	103.2	7746.9	56.48	41.89	30.15	19.00	13.33	6.71	3.82	2.46	30.28	92.9	0.95	100.5	3,702	5.2	2.1	6.8	4.4	3.7	5.4
21.498	80.3	4	12:46	103.2	8284.6	60.78	45.25	32.64	20.57	14.44	7.35	4.22	2.75	32.73	92.9	0.95	101.2	3,665	5.2	2.1	6.8	4.4	3.7	5.3
21.596	79.9	1	12:47	102.9	6342.4	30.81	22.39	16.21	10.35	7.11	3.18	1.64	1.1	16.41	92.7	0.93	67.4	5,631	8.5	2.6	8.7	5.1	4.0	8.0
21.596	79.9	2	12:47	102.9	6386.3	29.66	21.60	15.99	10.38	7.19	3.27	1.69	1.13	16.2	92.7	0.93	64.8	5,719	8.7	2.7	9.0	5.1	4.1	8.3
21.596	79.9	3	12:47	102.9	7988.3	38.05	28.26	20.85	13.57	9.43	4.32	2.25	1.52	21.12	92.7	0.93	66.5	5,502	8.3	2.7	8.9	5.1	4.0	8.1
21.596	79.9	4	12:47	102.9	8515	40.78	30.33	22.40	14.61	10.15	4.67	2.50	1.73	22.69	92.7	0.93	66.9	5,456	8.2	2.7	8.9	5.1	4.0	8.1
21.691	79.8	1	12:48	102.1	6232.7	38.62	28.13	20.17	12.60	8.54	4.10	2.44	1.8	20.63	92.2	0.94	85.5	4,525	6.6	2.3	7.5	4.7	3.8	6.3
21.691	79.8	2	12:48	102.1	6309.5	36.83	27.24	19.92	12.76	8.78	4.22	2.51	1.83	20.43	92.2	0.94	81.0	4,596	6.7	2.4	7.8	4.8	3.9	6.7
21.691	79.8	3	12:48	102.1	7900.5	46.74	34.91	25.67	16.47	11.35	5.52	3.28	2.36	26.24	92.2	0.94	82.2	4,485	6.5	2.4	7.8	4.7	3.8	6.6
21.691	79.8	4	12:48	102.1	8383.4	49.78	37.26	27.44	17.63	12.19	6.01	3.62	2.67	28.06	92.2	0.95	82.6	4,446	6.5	2.4	7.8	4.7	3.8	6.5
21.790	79.8	1	12:49	101.4	6199.7	45.21	32.01	21.96	12.72	8.12	3.33	1.78	1.32	22.25	91.7	0.93	98.8	4,316	6.2	1.8	6.6	4.6	3.7	5.5
21.790	79.8	2	12:49	101.4	6254.6	42.39	30.78	21.67	12.93	8.40	3.53	1.87	1.37	21.75	91.7	0.94	92.5	4,402	6.4	2.0	7.0	4.6	3.8	5.8
21.790	79.8	3	12:49	101.4	7812.8	54.24	39.65	28.11	16.90	11.02	4.69	2.52	1.8	28.43	91.7	0.94	94.8	4,238	6.1	2.0	6.9	4.6	3.7	5.7
21.790	79.8	4	12:49	101.4	8372.4	58.66	43.21	30.69	18.44	12.02	5.15	2.83	2.12	30.9	91.7	0.94	95.8	4,180	6.0	2.0	6.9	4.6	3.7	5.6
21.878	79.5	1	12:50	101.1	6199.7	44.14	31.41	21.60	12.50	7.97	3.24	1.56	1.04	21.52	91.5	0.93	96.6	4,408	6.4	1.9	6.7	4.6	3.7	5.6
21.878	79.5	2	12:50	101.1	6232.7	41.54	30.29	21.35	12.73	8.27	3.43	1.64	1.07	21.19	91.5	0.94	91.0	4,465	6.5	2.1	7.0	4.7	3.8	5.9
21.878	79.5	3	12:50	101.1	7834.7	53.87	39.55	28.09	16.81	10.96	4.61	2.26	1.48	28.01	91.5	0.94	94.0	4,276	6.2	2.1	6.9	4.6	3.7	5.7
21.878	79.5	4	12:50	101.1	8328.5	57.76	42.63	30.35	18.18	11.85	5.02	2.49	1.65	30.13	91.5	0.94	94.9	4,220	6.1	2.0	6.9	4.6	3.7	5.7
21.981	79.2	1	12:51	100.9	6276.5	37.71	25.84	17.40	10.12	6.53	2.88	1.65	1.23	18.16	91.4	0.93	82.1	5,341	8.0	2.0	7.3	4.9	3.9	6.6
21.981	79.2	2	12:51	100.9	6331.4	35.58	25.00	17.29	10.36	6.80	3.04	1.73	1.25	17.82	91.4	0.93	77.4	5,416	8.1	2.2	7.7	4.9	3.9	7.0
21.981	79.2	3	12:51	100.9	7933.5	45.14	32.07	22.28	13.43	8.86	3.98	2.28	1.64	22.93	91.4	0.93	78.4	5,271	7.9	2.2	7.7	4.9	3.9	6.9
21.981	79.2	4	12:51	100.9	8449.2	48.33	34.49	24.04	14.52	9.61	4.43	2.58	1.91	24.61	91.4	0.94	79.0	5,206	7.8	2.2	7.7	4.9	3.9	6.8

22.070	78.7	1	12:52	100.7	6188.8	43.26	31.76	23.06	14.70	10.43	5.78	3.97	3.09	23.11	91.3	0.96	97.5	3,812	5.4	2.2	6.9	4.5	3.7	5.5
22.070	78.7	2	12:52	100.7	6232.7	40.07	29.85	22.12	14.49	10.49	5.93	4.00	3.1	22.15	91.3	0.96	90.3	3,941	5.6	2.4	7.4	4.6	3.7	6.0
22.070	78.7	3	12:52	100.7	7779.8	50.54	38.02	28.22	18.43	13.30	7.44	4.99	3.82	28.14	91.3	0.96	91.2	3,887	5.5	2.4	7.4	4.5	3.7	5.9
22.070	78.7	4	12:52	100.7	8361.4	54.45	41.16	30.61	20.02	14.46	8.20	5.49	4.23	30.65	91.3	0.96	91.5	3,856	5.5	2.4	7.4	4.5	3.7	5.9
22.163	78.6	1	12:53	98.4	6298.5	31.05	22.80	17.11	11.70	8.81	5.25	3.59	2.66	17.26	89.8	0.96	70.9	4,880	7.2	2.8	8.8	4.9	3.9	7.6
22.163	78.6	2	12:53	98.4	6331.4	29.33	21.89	16.65	11.58	8.62	5.30	3.61	2.66	16.65	89.8	0.96	67.1	4,995	7.4	2.9	9.2	5.0	4.0	8.1
22.163	78.6	3	12:53	98.4	7966.4	37.34	28.04	21.32	14.80	11.27	6.81	4.65	3.43	21.43	89.8	0.96	67.8	4,924	7.3	2.9	9.1	5.0	4.0	8.0
22.163	78.6	4	12:53	98.4	8460.2	39.65	29.81	22.68	15.74	12.00	7.28	4.97	3.69	22.83	89.8	0.96	67.8	4,916	7.3	2.9	9.1	4.9	4.0	8.0
22.258	78.7	1	12:54	100.3	6276.5	35.39	26.26	19.01	12.44	8.88	4.54	2.61	1.67	18.83	91.1	0.95	79.2	4,613	6.7	2.5	8.0	4.8	3.9	6.8
22.258	78.7	2	12:54	100.3	6320.4	32.94	24.78	18.33	12.33	8.95	4.67	2.69	1.7	18.13	91.1	0.95	73.8	4,748	7.0	2.7	8.5	4.9	3.9	7.3
22.258	78.7	3	12:54	100.3	7911.5	41.63	31.61	23.48	15.77	11.47	6.05	3.48	2.22	23.16	91.1	0.95	74.6	4,661	6.8	2.7	8.5	4.8	3.9	7.2
22.258	78.7	4	12:54	100.3	8405.3	44.34	33.75	25.11	16.88	12.27	6.46	3.75	2.4	24.69	91.1	0.95	74.7	4,636	6.8	2.7	8.5	4.8	3.9	7.2
22.360	79.4	1	12:55	99.7	6353.4	23.99	17.13	12.26	7.79	5.48	2.79	1.67	1.19	12	90.7	0.93	54.2	7,287	11.6	2.8	9.6	5.5	4.2	10.0
22.360	79.4	2	12:55	99.7	6408.2	22.59	16.35	11.85	7.63	5.43	2.79	1.67	1.15	11.56	90.7	0.93	51.0	7,573	12.1	2.9	10.2	5.5	4.3	10.6
22.360	79.4	3	12:55	99.7	8087.1	28.71	20.86	15.22	9.91	7.06	3.65	2.24	1.54	14.99	90.7	0.93	51.4	7,417	11.8	3.0	10.3	5.5	4.3	10.5
22.360	79.4	4	12:55	99.7	8493.1	30.26	21.90	15.99	10.43	7.44	3.86	2.38	1.66	15.76	90.7	0.93	51.6	7,392	11.8	3.0	10.2	5.5	4.3	10.5
22.449	79.5	1	12:56	98.3	6386.3	28.35	20.79	15.36	10.31	7.63	4.27	2.74	1.9	15.34	89.8	0.95	64.0	5,608	8.5	2.8	9.2	5.1	4.1	8.4
22.449	79.5	2	12:56	98.3	8419.2	26.65	19.89	14.96	10.22	7.66	4.33	2.79	1.91	14.94	89.8	0.95	60.3	5,746	8.7	3.0	9.7	5.2	4.1	9.0
22.449	79.5	3	12:56	98.3	8032.2	33.67	25.30	19.12	13.09	9.80	5.54	3.56	2.45	19.13	89.8	0.95	60.9	5,643	8.5	3.0	9.7	5.2	4.1	8.9
22.449	79.5	4	12:56	98.3	8515	35.99	27.19	20.62	14.19	10.64	6.06	3.89	2.69	20.67	89.8	0.96	61.4	5,538	8.3	3.0	9.7	5.1	4.1	8.8
22.550	79.8	1	12:57	97.9	6375.3	26.30	19.47	14.25	9.11	6.39	3.28	2.11	1.63	13.88	89.5	0.94	59.4	6,430	10.0	2.8	9.4	5.3	4.1	9.1
22.550	79.8	2	12:57	97.9	6408.2	25.55	18.57	13.74	8.93	6.32	3.30	2.13	1.63	13.66	89.5	0.95	57.7	6,581	10.2	2.8	9.6	5.3	4.2	9.4
22.550	79.8	3	12:57	97.9	8043.2	31.93	23.66	17.63	11.50	8.17	4.28	2.78	2.11	17.55	89.5	0.95	57.5	6,474	10.0	2.9	9.7	5.3	4.2	9.4
22.550	79.8	4	12:57	97.9	8569.9	34.11	25.28	18.87	12.33	8.76	4.61	3.04	2.34	18.74	89.5	0.95	57.7	6,442	10.0	2.9	9.7	5.3	4.2	9.4
22.650	79.4	1	12:58	97.3	6309.5	37.60	26.67	18.37	10.81	7.11	3.13	1.85	1.41	18.3	89.1	0.95	82.9	5,137	7.6	2.1	7.4	4.9	3.9	6.5
22.650	79.4	2	12:58	97.3	6331.4	35.43	25.45	17.78	10.67	7.13	3.21	1.88	1.42	17.63	89.1	0.95	78.4	5,286	7.9	2.2	7.7	4.9	3.9	6.9
22.650	79.4	3	12:58	97.3	7922.5	45.22	32.59	22.84	13.73	9.18	4.14	2.44	1.83	22.76	89.1	0.95	79.9	5,157	7.7	2.2	7.6	4.9	3.9	6.8
22.650	79.4	4	12:58	97.3	8394.3	48.34	34.89	24.50	14.74	9.89	4.53	2.74	2.09	24.46	89.1	0.95	80.6	5,090	7.6	2.2	7.6	4.9	3.9	6.7
22.743	79.5	1	12:59	96.5	6188.8	41.55	30.51	20.99	12.67	8.41	3.53	1.71	1.12	20.81	88.6	0.95	93.3	4,392	6.4	2.0	6.9	4.6	3.8	5.8
22.743	79.5	2	12:59	96.5	6221.7	38.02	28.34	20.02	12.45	8.44	3.64	1.77	1.13	19.85	88.6	0.95	85.6	4,579	6.7	2.2	7.4	4.7	3.8	6.3
22.743	79.5	3	12:59	96.5	7790.8	47.71	35.71	25.37	15.87	10.79	4.68	2.27	1.48	25.29	88.6	0.96	85.9	4,520	6.6	2.3	7.4	4.7	3.8	6.3
22.743	79.5	4	12:59	96.5	8361.4	51.19	38.42	27.38	17.19	11.70	5.18	2.60	1.74	27.42	88.6	0.96	86.0	4,493	6.5	2.3	7.5	4.7	3.8	6.3
22.827	79.2	1	13:00	96.9	6364.3	29.80	22.26	16.44	10.97	8.02	4.35	2.70	1.96	16.14	88.9	0.96	67.5	5,317	8.0	2.8	8.9	5.0	4.0	8.0
22.827	79.2	2	13:00	96.9	6375.3	27.64	20.92	15.76	10.78	8.01	4.44	2.77	2	15.56	88.9	0.96	63.0	5,472	8.2	3.0	9.5	5.1	4.1	8.6
22.827	79.2	3	13:00	96.9	7988.3	35.11	26.70	20.20	13.82	10.26	5.69	3.53	2.55	19.96	88.9	0.96	63.8	5,368	8.0	3.0	9.4	5.1	4.0	8.5
22.827	79.2	4	13:00	96.9	8493.1	37.09	28.33	21.51	14.75	10.97	6.15	3.86	2.8	21.29	88.9	0.96	63.5	5,359	8.0	3.0	9.5	5.1	4.0	8.5
22.924	79.8	1	13:01	97	6243.6	40.81	30.68	22.60	14.34	9.72	4.35	2.20	1.39	22.05	89.0	0.96	91.5	4,107	5.9	2.3	7.2	4.6	3.8	5.9
22.924	79.8	2	13:01	97	6221.7	38.02	29.02	21.81	14.19	9.78	4.50	2.29	1.43	21.44	89.0	0.96	86.1	4,192	6.0	2.4	7.6	4.6	3.8	6.3
22.924	79.8	3	13:01	97	7790.8	48.05	36.89	27.94	18.25	12.59	5.81	2.96	1.82	27.54	89.0	0.96	86.9	4,106	5.9	2.4	7.6	4.6	3.8	6.2
22.924	79.8	4	13:01	97	8328.5	51.30	39.57	30.01	19.69	13.58	6.35	3.28	2.1	29.65	89.0	0.96	86.9	4,084	5.9	2.5	7.6	4.6	3.8	6.2

BIA 41-30 & 50


Eff. GE, inches
Eff. R-value
Test Location, miles
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
9.0
11.0
13.0
15.0
17.0
19.0
21.0
23.0
25.0
Eff. G.E.
Eff. R-value


BIA 41-30 & 50
Allowable Spring Axle Load, Tons
30
25
20
15
10
5
0
9.0
11.0
13.0
15.0
17.0
19.0
21.0
23.0
25.0
Test Location, miles
AASHTO
TONN

County:	Pine Ridge Reservation
Date Tested:	6/20/2008
Julian:	172
Highway	BIA 41 - Section 60
From:	2.5 Miles S of BIA 2
To:	2.8 Miles N of BIA 2
Dir	NB
Prev Day Temp	75 °F
Bit. Thickness	0.5 inches
Daily ESALs	9
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	79,817
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.53

	X1	X2	X3	X4	X5	X6	X7	X8
	0	200	300	450	600	900	1200	1500
	0	7.87	11.81	17.71	23.62	35.4	47.24	59.1
	0	7.87	11.81	17.71	23.62	35.4	47.24	59.1
	40.01	28.91	20.37	12.47	8.52	4.38	2.81	2.09
		0.72	0.51	0.31	0.21	0.11	0.07	0.05

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		TONN Tons
Avg. =	83.9	5,483	8.3	2.0	7.7		7.5
Median =	82.77	5,058	7.5	2.1	7.5		7.1
Std.Dev. =	19.49	1,500	2.7	0.5	1.2		2.2
85th % =	82.59	4,102	5.9	1.4	6.5		5.3

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
19.886	81.6	1	12:28 PM	104.4	5936.4	46.67	30.19	17.49	8.47	5.29	3.02	2.26	1.81	19.45	93.3	0.92	104.7	5,054	7.5	1.2	5.9	4.7	3.7	5.2
19.886	81.6	2	12:28 PM	104.4	5991.3	41.93	28.44	17.49	8.94	5.59	3.11	2.27	1.81	18.66	93.3	0.92	94.0	5,242	7.8	1.5	6.4	4.8	3.8	5.7
19.886	81.6	3	12:28 PM	104.4	7648.2	51.78	36.13	22.47	11.56	7.15	3.91	2.85	2.28	23.77	93.3	0.92	91.1	5,325	8.0	1.6	6.6	4.8	3.8	5.9
19.886	81.6	4	12:28 PM	104.4	8185.8	55.07	38.57	24.21	12.52	7.77	4.32	3.08	2.51	25.9	93.3	0.93	90.7	5,301	7.9	1.7	6.7	4.8	3.8	6.0
19.996	80.6	1	12:29 PM	103.6	5969.3	47.19	31.83	18.69	8.86	5.17	2.69	2.02	1.64	20.14	92.8	0.92	104.9	5,110	7.6	1.2	5.8	4.7	3.7	5.1
19.996	80.6	2	12:29 PM	103.6	6079	41.83	29.18	18.41	9.46	5.65	2.84	2.05	1.65	18.94	92.8	0.92	92.3	5,297	7.9	1.6	6.5	4.8	3.8	5.8
19.996	80.6	3	12:29 PM	103.6	7626.2	50.34	36.16	23.20	12.01	7.12	3.53	2.57	2.03	23.67	92.8	0.92	88.8	5,396	8.1	1.7	6.7	4.8	3.9	6.1
19.996	80.6	4	12:29 PM	103.6	8240.7	53.45	38.93	25.16	13.14	7.78	3.86	2.83	2.24	25.67	92.8	0.92	87.4	5,413	8.1	1.7	6.8	4.9	3.9	6.2
20.080	80.4	4	12:30 PM	103.8	8174.9	59.39	43.59	29.02	15.01	8.65	4.42	3.34	2.81	28.81	92.9	0.93	97.8	4,831	7.1	1.6	6.4	4.7	3.8	5.5
20.080	80.4	2	12:30 PM	103.8	6079	46.02	32.73	21.21	10.82	6.28	3.15	2.42	2.01	21.07	92.9	0.93	101.4	4,790	7.0	1.5	6.2	4.7	3.7	5.3
20.080	80.4	3	12:30 PM	103.8	7637.2	55.97	40.98	27.09	13.89	8.02	3.94	3.05	2.5	26.42	92.9	0.93	98.3	4,829	7.1	1.6	6.4	4.7	3.8	5.5
20.080	80.4	4	12:30 PM	103.8	8174.9	59.39	43.59	29.02	15.01	8.65	4.42	3.34	2.81	28.81	92.9	0.93	97.8	4,831	7.1	1.6	6.4	4.7	3.8	5.5
20.176	79.3	1	12:32 PM	103.9	5914.4	46.24	30.56	18.35	9.38	5.85	3.12	2.47	2.03	18.84	93.0	0.93	104.5	4,816	7.1	1.4	6.0	4.6	3.7	5.2
20.176	79.3	2	12:32 PM	103.9	5925.4	40.53	27.35	17.33	9.38	6.01	3.15	2.41	1.96	17.3	93.0	0.93	92.3	5,084	7.5	1.7	6.6	4.8	3.8	5.9
20.176	79.3	3	12:32 PM	103.9	7527.5	49.06	33.79	21.82	11.87	7.48	4.01	3.04	2.53	22.04	93.0	0.93	88.3	5,261	7.9	1.8	6.9	4.8	3.9	6.1
20.176	79.3	4	12:32 PM	103.9	8098.1	51.94	35.91	23.46	12.80	8.06	4.32	3.36	2.8	23.52	93.0	0.93	87.0	5,298	7.9	1.8	6.9	4.8	3.9	6.2
20.273	80.8	1	12:33 PM	102.1	5925.4	54.07	35.91	22.31	10.28	5.93	3.28	2.65	2.09	25.3	91.9	0.94	122.0	4,425	6.4	1.0	5.3	4.5	3.6	4.4
20.273	80.8	2	12:33 PM	102.1	6024.2	47.83	34.37	22.13	10.75	6.26	3.42	2.68	2.08	24.01	91.9	0.94	107.1	4,664	6.8	1.3	5.9	4.6	3.7	5.0
20.273	80.8	3	12:33 PM	102.1	7615.3	59.44	43.87	28.74	14.02	8.06	4.39	3.42	2.63	31	91.9	0.94	105.5	4,661	6.8	1.4	6.0	4.6	3.7	5.1
20.273	80.8	4	12:33 PM	102.1	8163.9	63.61	47.23	31.00	15.16	8.66	4.78	3.75	2.89	33.61	91.9	0.94	105.4	4,660	6.8	1.4	6.0	4.6	3.7	5.1
20.377	80.8	1	12:34 PM	102.2	5804.7	62.86	42.01	25.67	12.97	7.88	3.84	2.86	2.35	27.15	91.9	0.94	144.7	3,493	4.9	0.9	4.8	4.2	3.5	3.7
20.377	80.8	2	12:34 PM	102.2	5914.4	54.75	38.44	24.87	13.27	8.23	3.98	2.88	2.33	25.2	91.9	0.94	124.8	3,731	5.3	1.3	5.5	4.3	3.6	4.3
20.377	80.8	3	12:34 PM	102.2	7439.7	66.90	47.93	31.67	17.03	10.48	5.02	3.63	2.92	32.22	91.9	0.94	121.4	3,760	5.3	1.4	5.6	4.3	3.6	4.4
20.377	80.8	4	12:34 PM	102.2	8032.2	71.40	51.11	34.55	18.70	11.53	5.51	3.99	3.25	34.94	91.9	0.94	120.2	3,745	5.3	1.4	5.7	4.3	3.6	4.5
20.468	79.7	1	12:35 PM	104.5	5969.3	42.73	28.60	17.83	9.72	6.27	3.58	2.61	2.1	18.16	93.5	0.93	96.6	4,884	7.2	1.6	6.4	4.7	3.8	5.6

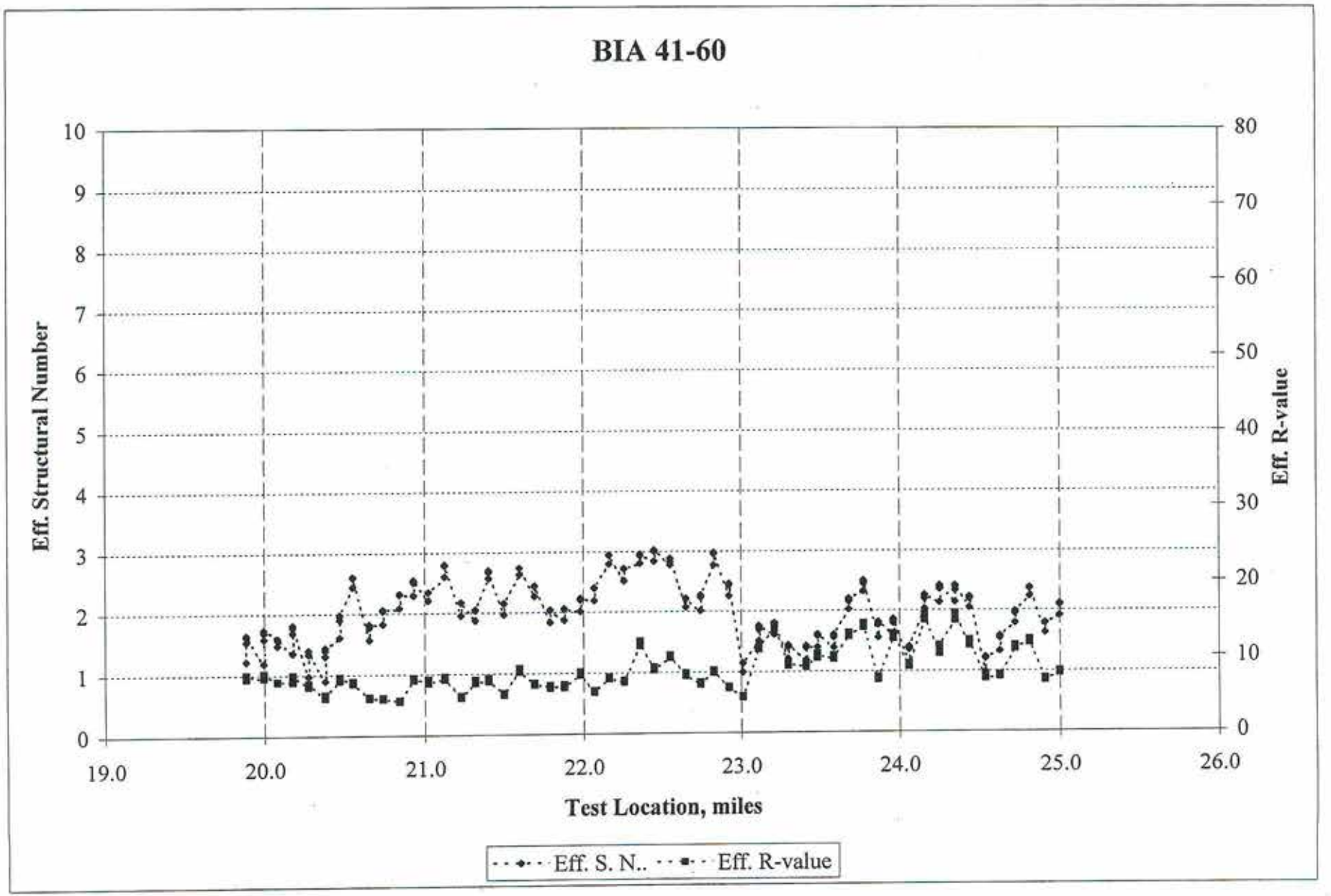
20.468	79.7	2	12:35 PM	104.5	5936.4	38.19	26.39	17.30	9.84	6.44	3.69	2.61	2.08	17.18	93.5	0.93	87.7	5,059	7.5	1.9	7.0	4.8	3.8	6.2
20.468	79.7	3	12:35 PM	104.5	7527.5	47.25	32.90	21.87	12.50	8.17	4.60	3.29	2.61	21.54	93.5	0.93	85.7	5,116	7.6	2.0	7.1	4.8	3.9	6.3
20.468	79.7	4	12:35 PM	104.5	8098.1	50.36	35.07	23.43	13.43	8.77	4.95	3.51	2.87	24.11	93.5	0.93	84.9	5,145	7.6	2.0	7.2	4.8	3.9	6.4
20.551	78.5	1	12:36 PM	105.8	6243.6	36.04	26.21	18.69	11.89	8.44	4.63	3.11	2.36	18.25	94.4	0.94	79.8	4,698	6.9	2.4	7.9	4.8	3.9	6.8
20.551	78.5	2	12:36 PM	105.8	6265.6	33.88	25.02	18.16	11.80	8.48	4.69	3.13	2.36	17.82	94.4	0.94	75.2	4,818	7.1	2.6	8.3	4.9	3.9	7.2
20.551	78.5	3	12:36 PM	105.8	7922.5	43.72	32.37	23.64	15.40	11.08	6.14	4.09	3.05	23.35	94.4	0.94	76.8	4,685	6.9	2.6	8.2	4.8	3.9	7.0
20.551	78.5	4	12:36 PM	105.8	8438.2	46.65	34.67	25.38	16.56	11.92	6.64	4.45	3.34	25.25	94.4	0.94	77.0	4,652	6.8	2.6	8.2	4.8	3.9	7.0
20.654	79.4	1	12:37 PM	105.7	6024.2	54.79	39.50	27.80	15.65	9.64	4.07	2.68	2.15	26.9	94.4	0.93	121.3	3,499	4.9	1.6	5.7	4.3	3.6	4.5
20.654	79.4	2	12:37 PM	105.7	6090	51.61	37.85	27.34	15.95	10.08	4.39	2.82	2.22	26.37	94.4	0.94	113.9	3,549	5.0	1.8	6.1	4.3	3.6	4.7
20.654	79.4	3	12:37 PM	105.7	7626.2	65.04	48.52	35.38	20.78	13.15	5.68	3.60	2.78	34.14	94.4	0.94	114.8	3,459	4.8	1.8	6.1	4.3	3.6	4.7
20.654	79.4	4	12:37 PM	105.7	8196.8	69.81	52.28	38.31	22.57	14.37	6.33	4.10	3.15	37.04	94.4	0.94	114.8	3,430	4.8	1.8	6.1	4.3	3.6	4.7
20.739	80.5	1	12:38 PM	106.2	6122.9	51.90	37.12	25.98	15.81	10.96	5.86	3.67	2.57	25.96	94.7	0.95	115.5	3,397	4.7	1.8	6.1	4.3	3.6	4.7
20.739	80.5	2	12:38 PM	106.2	6144.9	48.10	35.22	25.25	15.87	11.14	6.01	3.74	2.61	25.48	94.7	0.95	107.3	3,487	4.9	2.0	6.5	4.3	3.6	5.0
20.739	80.5	3	12:38 PM	106.2	7746.9	61.11	45.16	32.64	20.57	14.43	7.75	4.78	3.25	33.13	94.7	0.95	108.2	3,421	4.8	2.1	6.5	4.3	3.6	5.0
20.739	80.5	4	12:38 PM	106.2	8295.6	65.65	48.68	35.29	22.26	15.63	8.48	5.27	3.65	35.91	94.7	0.95	108.7	3,393	4.7	2.1	6.4	4.3	3.6	5.0
20.843	81.0	1	12:39 PM	104.9	6112	49.49	36.63	26.43	17.23	12.47	6.76	4.15	2.97	26.21	93.9	0.96	111.8	3,204	4.4	2.1	6.4	4.2	3.6	4.8
20.843	81.0	2	12:39 PM	104.9	6188.8	46.54	35.28	26.17	17.57	12.93	7.08	4.28	3.03	25.85	93.9	0.96	104.5	3,244	4.5	2.3	6.8	4.3	3.6	5.2
20.843	81.0	3	12:39 PM	104.9	7703	58.56	44.71	33.33	22.33	16.36	8.92	5.35	3.77	33.09	93.9	0.96	105.7	3,197	4.4	2.3	6.7	4.3	3.6	5.1
20.843	81.0	4	12:39 PM	104.9	8240.7	62.69	48.09	35.98	24.14	17.72	9.71	5.87	4.14	35.79	93.9	0.96	105.8	3,170	4.4	2.3	6.8	4.3	3.6	5.1
20.930	80.4	1	12:40 PM	104.9	6265.6	36.91	26.11	18.26	11.30	7.80	4.03	2.48	1.75	17.74	93.9	0.93	80.9	4,885	7.2	2.3	7.7	4.8	3.9	6.7
20.930	80.4	2	12:40 PM	104.9	6309.5	34.02	24.53	17.58	11.22	7.89	4.13	2.51	1.76	17.15	93.9	0.93	74.6	5,058	7.5	2.5	8.2	4.9	3.9	7.2
20.930	80.4	3	12:40 PM	104.9	7878.6	42.95	31.34	22.65	14.51	10.24	5.36	3.27	2.28	22.1	93.9	0.93	75.6	4,921	7.3	2.5	8.2	4.9	3.9	7.1
20.930	80.4	4	12:40 PM	104.9	8438.2	45.92	33.59	24.35	15.66	11.06	5.85	3.60	2.55	23.84	93.9	0.94	75.5	4,900	7.2	2.5	8.2	4.9	3.9	7.2
21.022	80.2	1	12:41 PM	105.3	6254.6	38.45	27.44	19.34	11.74	7.69	3.54	1.96	1.32	19.67	94.2	0.92	83.4	4,828	7.1	2.2	7.5	4.8	3.9	6.5
21.022	80.2	2	12:41 PM	105.3	6287.5	36.55	26.44	18.89	11.68	7.77	3.63	2.00	1.35	18.94	94.2	0.92	79.3	4,934	7.3	2.3	7.8	4.8	3.9	6.8
21.022	80.2	3	12:41 PM	105.3	7889.6	46.98	34.23	24.59	15.30	10.27	4.81	2.66	1.78	24.85	94.2	0.93	81.3	4,740	7.0	2.3	7.7	4.8	3.9	6.6
21.022	80.2	4	12:41 PM	105.3	8339.5	50.24	36.69	26.45	16.51	11.13	5.29	3.00	2.03	26.75	94.2	0.93	82.4	4,650	6.8	2.3	7.7	4.8	3.8	6.6
21.125	79.6	1	12:42 PM	104.4	6320.4	33.52	24.42	17.98	11.65	8.18	3.96	2.25	1.65	18.11	93.6	0.93	73.5	4,988	7.4	2.6	8.4	4.9	3.9	7.4
21.125	79.6	2	12:42 PM	104.4	6353.4	31.33	23.13	17.36	11.53	8.24	4.09	2.33	1.69	17.59	93.6	0.93	68.9	5,123	7.6	2.8	8.9	5.0	4.0	7.8
21.125	79.6	3	12:42 PM	104.4	7955.4	39.83	29.77	22.48	15.00	10.72	5.35	3.06	2.2	22.8	93.6	0.94	70.0	4,972	7.3	2.8	8.8	4.9	4.0	7.7
21.125	79.6	4	12:42 PM	104.4	8482.1	42.54	31.90	24.14	16.13	11.54	5.79	3.33	2.45	24.58	93.6	0.94	70.2	4,939	7.3	2.8	8.8	4.9	4.0	7.7
21.227	80.0	1	12:43 PM	104.6	6112	48.89	35.21	25.11	15.54	10.77	5.39	3.22	2.28	25.64	93.8	0.95	109.3	3,513	4.9	2.0	6.3	4.3	3.6	4.9
21.227	80.0	2	12:43 PM	104.6	6133.9	45.53	33.58	24.57	15.69	11.05	5.65	3.34	2.38	24.97	93.8	0.95	102.2	3,576	5.0	2.2	6.8	4.4	3.6	5.3
21.227	80.0	3	12:43 PM	104.6	7692.1	58.06	43.35	31.90	20.38	14.34	7.31	4.28	2.98	32.46	93.8	0.95	103.9	3,479	4.9	2.2	6.7	4.4	3.6	5.2
21.227	80.0	4	12:43 PM	104.6	8262.7	62.51	46.88	34.58	22.02	15.57	8.03	4.70	3.44	35.04	93.8	0.95	104.3	3,454	4.8	2.2	6.7	4.3	3.6	5.2
21.317	79.9	1	12:44 PM	103.1	6177.8	42.25	29.64	19.64	11.20	7.40	3.70	2.29	1.59	18.57	92.8	0.93	93.0	4,664	6.8	1.9	6.8	4.7	3.8	5.8
21.317	79.9	2	12:44 PM	103.1	6243.6	39.38	27.76	18.80	11.03	7.38	3.73	2.30	1.6	18.15	92.8	0.93	86.3	4,877	7.2	2.1	7.2	4.8	3.8	6.3
21.317	79.9	3	12:44 PM	103.1	7801.8	50.83	36.35	24.80	14.58	9.75	4.92	3.07	2.11	23.82	92.8	0.94	89.1	4,662	6.8	2.0	7.1	4.7	3.8	6.1
21.317	79.9	4	12:44 PM	103.1	8405.3	54.87	39.41	27.00	15.92	10.64	5.41	3.37	2.37	26.08	92.8	0.94	89.4	4,625	6.8	2.0	7.1	4.7	3.8	6.0
21.401	79.8	1	12:45 PM	103.8	6254.6	33.91	24.39	18.01	11.83	8.35	4.24	2.55	1.94	18.23	93.3	0.94	75.4	4,853	7.1	2.6	8.3	4.9	3.9	7.2
21.401	79.8	2	12:45 PM	103.8	6298.5	32.22	23.35	17.42	11.61	8.30	4.27	2.59	1.95	17.7	93.3	0.94	71.5	5,003	7.4	2.7	8.6	4.9	3.9	7.6
21.401	79.8	3	12:45 PM	103.8	7889.6	41.76	30.50	22.75	15.18	10.85	5.56	3.35	2.5	23.04	93.3	0.94	73.9	4,809	7.1	2.7	8.5	4.9	3.9	7.3
21.401	79.8	4	12:45 PM	103.8	8405.3	44.83	32.81	24.49	16.36	11.69	6.02	3.67	2.77	24.8	93.3	0.94	74.5	4,762	7.0	2.7	8.4	4.9	3.9	7.2
21.498	80.3	1	12:46 PM	103.2	6144.9	46.61	33.38	23.30	14.32	9.89	4.93	2.86	1.87	23.59	92.9	0.95	103.9	3,785	5.4	2.0	6.5	4.4	3.7	5.2
21.498	80.3	2	12:46 PM	103.2	6199.7	44.49	32.76	23.47	14.80	10.37	5.20	2.97	1.91	23.55	92.9	0.95	98.9	3,789	5.4	2.2	6.9	4.5	3.7	5.5

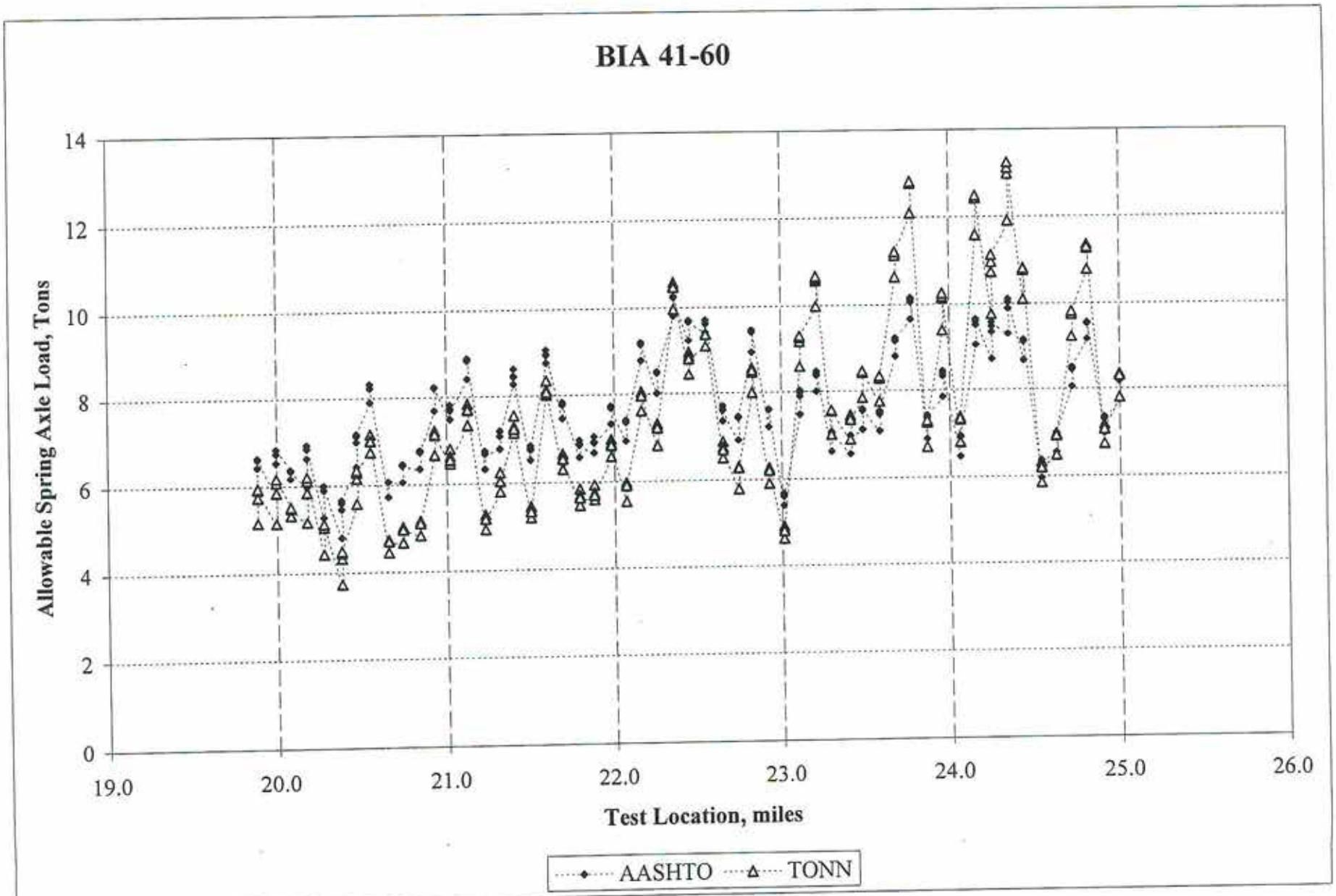
21.498	80.3	3	12:46 PM	103.2	7746.9	56.48	41.89	30.15	19.00	13.33	6.71	3.82	2.46	30.28	92.9	0.95	100.5	3,702	5.2	2.1	6.8	4.4	3.7	5.4
21.498	80.3	4	12:46 PM	103.2	8284.6	60.78	45.25	32.64	20.57	14.44	7.35	4.22	2.75	32.73	92.9	0.95	101.2	3,665	5.2	2.1	6.8	4.4	3.7	5.3
21.596	79.9	1	12:47 PM	102.9	6342.4	30.81	22.39	16.21	10.35	7.11	3.18	1.64	1.1	16.41	92.7	0.93	67.4	5,631	8.5	2.6	8.7	5.1	4.0	8.0
21.596	79.9	2	12:47 PM	102.9	6386.3	29.66	21.80	15.99	10.38	7.19	3.27	1.69	1.13	16.2	92.7	0.93	64.8	5,719	8.7	2.7	9.0	5.1	4.1	8.3
21.596	79.9	3	12:47 PM	102.9	7988.3	38.05	28.26	20.85	13.57	9.43	4.32	2.25	1.52	21.12	92.7	0.93	66.5	5,502	8.3	2.7	8.9	5.1	4.0	8.1
21.596	79.9	4	12:47 PM	102.9	8515	40.78	30.33	22.40	14.61	10.15	4.67	2.50	1.73	22.69	92.7	0.93	66.9	5,458	8.2	2.7	8.9	5.1	4.0	8.1
21.691	79.8	1	12:48 PM	102.1	6232.7	38.62	28.13	20.17	12.60	8.54	4.10	2.44	1.8	20.63	92.2	0.94	85.5	4,525	6.6	2.3	7.5	4.7	3.8	6.3
21.691	79.8	2	12:48 PM	102.1	6309.5	36.83	27.24	19.92	12.76	8.78	4.22	2.51	1.83	20.43	92.2	0.94	81.0	4,596	6.7	2.4	7.8	4.8	3.9	6.7
21.691	79.8	3	12:48 PM	102.1	7900.5	46.74	34.91	25.67	16.47	11.35	5.52	3.28	2.36	26.24	92.2	0.94	82.2	4,485	6.5	2.4	7.8	4.7	3.8	6.6
21.691	79.8	4	12:48 PM	102.1	8383.4	49.78	37.26	27.44	17.63	12.19	6.01	3.62	2.67	28.06	92.2	0.95	82.6	4,446	6.5	2.4	7.8	4.7	3.8	6.5
21.790	79.8	1	12:49 PM	101.4	6199.7	45.21	32.01	21.96	12.72	8.12	3.33	1.78	1.32	22.25	91.7	0.93	98.8	4,316	6.2	1.8	6.6	4.6	3.7	5.5
21.790	79.8	2	12:49 PM	101.4	6254.6	42.39	30.78	21.67	12.93	8.40	3.53	1.87	1.37	21.75	91.7	0.94	92.5	4,402	6.4	2.0	7.0	4.6	3.8	5.8
21.790	79.8	3	12:49 PM	101.4	7812.8	54.24	39.65	28.11	16.90	11.02	4.69	2.52	1.8	28.43	91.7	0.94	94.8	4,238	6.1	2.0	6.9	4.6	3.7	5.7
21.790	79.8	4	12:49 PM	101.4	8372.4	58.66	43.21	30.69	18.44	12.02	5.15	2.83	2.12	30.9	91.7	0.94	95.8	4,180	6.0	2.0	6.9	4.6	3.7	5.6
21.878	79.5	1	12:50 PM	101.1	6199.7	44.14	31.41	21.60	12.50	7.97	3.24	1.56	1.04	21.52	91.5	0.93	96.6	4,408	6.4	1.9	6.7	4.6	3.7	5.6
21.878	79.5	2	12:50 PM	101.1	6232.7	41.54	30.29	21.35	12.73	8.27	3.43	1.64	1.07	21.19	91.5	0.94	91.0	4,465	6.5	2.1	7.0	4.7	3.8	5.9
21.878	79.5	3	12:50 PM	101.1	7834.7	53.87	39.55	28.09	16.81	10.96	4.61	2.26	1.48	28.01	91.5	0.94	94.0	4,276	6.2	2.1	6.9	4.6	3.7	5.7
21.878	79.5	4	12:50 PM	101.1	8328.5	57.76	42.63	30.35	18.18	11.85	5.02	2.49	1.65	30.13	91.5	0.94	94.9	4,220	6.1	2.0	6.9	4.6	3.7	5.7
21.961	79.2	1	12:51 PM	100.9	6276.5	37.71	25.84	17.40	10.12	6.53	2.88	1.65	1.23	18.16	91.4	0.93	82.1	5,341	8.0	2.0	7.3	4.9	3.9	6.6
21.961	79.2	2	12:51 PM	100.9	6331.4	35.58	25.00	17.29	10.36	6.80	3.04	1.73	1.25	17.82	91.4	0.93	77.4	5,416	8.1	2.2	7.7	4.9	3.9	7.0
21.961	79.2	3	12:51 PM	100.9	7933.5	45.14	32.07	22.28	13.43	8.86	3.98	2.28	1.64	22.93	91.4	0.93	78.4	5,271	7.9	2.2	7.7	4.9	3.9	6.9
21.961	79.2	4	12:51 PM	100.9	8449.2	48.33	34.49	24.04	14.52	9.61	4.43	2.58	1.91	24.61	91.4	0.94	79.0	5,206	7.8	2.2	7.7	4.9	3.9	6.8
22.070	78.7	1	12:52 PM	100.7	6188.8	43.26	31.76	23.06	14.70	10.43	5.78	3.97	3.09	23.11	91.3	0.96	97.5	3,812	5.4	2.2	6.9	4.5	3.7	5.5
22.070	78.7	2	12:52 PM	100.7	6232.7	40.07	29.85	22.12	14.49	10.49	5.93	4.00	3.1	22.15	91.3	0.96	90.3	3,941	5.6	2.4	7.4	4.6	3.7	6.0
22.070	78.7	3	12:52 PM	100.7	7779.8	50.54	38.02	28.22	18.43	13.30	7.44	4.99	3.82	28.14	91.3	0.96	91.2	3,887	5.5	2.4	7.4	4.5	3.7	5.9
22.070	78.7	4	12:52 PM	100.7	8361.4	54.45	41.16	30.61	20.02	14.46	8.20	5.49	4.23	30.65	91.3	0.96	91.5	3,856	5.5	2.4	7.4	4.5	3.7	5.9
22.163	78.6	1	12:53 PM	98.4	6298.5	31.05	22.80	17.11	11.70	8.81	5.25	3.59	2.66	17.26	89.8	0.96	70.9	4,880	7.2	2.8	8.8	4.9	3.9	7.6
22.163	78.6	2	12:53 PM	98.4	6331.4	29.33	21.89	16.65	11.58	8.82	5.30	3.61	2.66	16.65	89.8	0.96	67.1	4,995	7.4	2.9	9.2	5.0	4.0	8.1
22.163	78.6	3	12:53 PM	98.4	7966.4	37.34	28.04	21.32	14.80	11.27	6.81	4.65	3.43	21.43	89.8	0.96	67.8	4,924	7.3	2.9	9.1	5.0	4.0	8.0
22.163	78.6	4	12:53 PM	98.4	8460.2	39.65	29.81	22.68	15.74	12.00	7.28	4.97	3.69	22.83	89.8	0.96	67.8	4,916	7.3	2.9	9.1	4.9	4.0	8.0
22.258	78.7	1	12:54 PM	100.3	6276.5	35.39	26.26	19.01	12.44	8.88	4.54	2.61	1.67	18.83	91.1	0.95	79.2	4,613	6.7	2.5	8.0	4.8	3.9	6.8
22.258	78.7	2	12:54 PM	100.3	6320.4	32.94	24.78	18.33	12.33	8.95	4.67	2.69	1.7	18.13	91.1	0.95	73.8	4,748	7.0	2.7	8.5	4.9	3.9	7.3
22.258	78.7	3	12:54 PM	100.3	7911.5	41.63	31.61	23.48	15.77	11.47	6.05	3.48	2.22	23.16	91.1	0.95	74.6	4,661	6.8	2.7	8.5	4.8	3.9	7.2
22.258	78.7	4	12:54 PM	100.3	8405.3	44.34	33.75	25.11	16.88	12.27	6.46	3.75	2.4	24.69	91.1	0.95	74.7	4,636	6.8	2.7	8.5	4.8	3.9	7.2
22.360	79.4	1	12:55 PM	99.7	6353.4	23.99	17.13	12.26	7.79	5.48	2.79	1.67	1.19	12	90.7	0.93	54.2	7,287	11.6	2.8	9.8	5.5	4.2	10.0
22.360	79.4	2	12:55 PM	99.7	6408.2	22.59	16.35	11.85	7.63	5.43	2.79	1.67	1.15	11.56	90.7	0.93	51.0	7,573	12.1	2.9	10.2	5.5	4.3	10.6
22.360	79.4	3	12:55 PM	99.7	8087.1	28.71	20.86	15.22	9.91	7.06	3.65	2.24	1.54	14.99	90.7	0.93	51.4	7,417	11.8	3.0	10.3	5.5	4.3	10.5
22.360	79.4	4	12:55 PM	99.7	8493.1	30.26	21.90	15.99	10.43	7.44	3.86	2.38	1.66	15.76	90.7	0.93	51.6	7,392	11.8	3.0	10.2	5.5	4.3	10.5
22.449	79.5	1	12:56 PM	98.3	6386.3	28.35	20.79	15.36	10.31	7.63	4.27	2.74	1.9	15.34	89.8	0.95	64.0	5,608	8.5	2.8	9.2	5.1	4.1	8.4
22.449	79.5	2	12:56 PM	98.3	6419.2	26.65	19.89	14.96	10.22	7.66	4.33	2.79	1.91	14.94	89.8	0.95	60.3	5,746	8.7	3.0	9.7	5.2	4.1	9.0
22.449	79.5	3	12:56 PM	98.3	8032.2	33.67	25.30	19.12	13.09	9.80	5.54	3.56	2.45	19.13	89.8	0.95	60.9	5,643	8.5	3.0	9.7	5.2	4.1	8.9
22.449	79.5	4	12:56 PM	98.3	8515	35.99	27.19	20.62	14.19	10.64	6.06	3.89	2.69	20.67	89.8	0.96	61.4	5,538	8.3	3.0	9.7	5.1	4.1	8.8
22.550	79.8	1	12:57 PM	97.9	6375.3	26.30	19.47	14.25	9.11	6.39	3.28	2.11	1.63	13.88	89.5	0.94	59.4	6,430	10.0	2.8	9.4	5.3	4.1	9.1
22.550	79.8	2	12:57 PM	97.9	6408.2	25.55	18.57	13.74	8.93	6.32	3.30	2.13	1.63	13.66	89.5	0.95	57.7	6,581	10.2	2.8	9.6	5.3	4.2	9.4
22.550	79.8	3	12:57 PM	97.9	8043.2	31.93	23.66	17.63	11.50	8.17	4.28	2.78	2.11	17.55	89.5	0.95	57.5	6,474	10.0	2.9	9.7	5.3	4.2	9.4

22.550	79.8	4	12:57 PM	97.9	8569.9	34.11	25.28	18.87	12.33	8.76	4.61	3.04	2.34	18.74	89.5	0.95	57.7	6,442	10.0	2.9	9.7	5.3	4.2	9.4
22.650	79.4	1	12:58 PM	97.3	6309.5	37.60	26.67	18.37	10.81	7.11	3.13	1.85	1.41	18.3	89.1	0.95	82.9	5,137	7.6	2.1	7.4	4.9	3.9	6.5
22.650	79.4	2	12:58 PM	97.3	6331.4	35.43	25.45	17.78	10.67	7.13	3.21	1.88	1.42	17.63	89.1	0.95	78.4	5,286	7.9	2.2	7.7	4.9	3.9	6.9
22.650	79.4	3	12:58 PM	97.3	7922.5	45.22	32.59	22.84	13.73	9.18	4.14	2.44	1.83	22.76	89.1	0.95	79.9	5,157	7.7	2.2	7.6	4.9	3.9	6.8
22.650	79.4	4	12:58 PM	97.3	8394.3	48.34	34.89	24.50	14.74	9.89	4.53	2.74	2.09	24.48	89.1	0.95	80.6	5,090	7.6	2.2	7.6	4.9	3.9	6.7
22.743	79.5	1	12:59 PM	96.5	6188.8	41.55	30.51	20.99	12.67	8.41	3.53	1.71	1.12	20.81	88.6	0.95	93.3	4,392	6.4	2.0	6.9	4.6	3.8	5.8
22.743	79.5	2	12:59 PM	96.5	6221.7	38.02	28.34	20.02	12.45	8.44	3.64	1.77	1.13	19.85	88.6	0.95	85.6	4,579	6.7	2.2	7.4	4.7	3.8	6.3
22.743	79.5	3	12:59 PM	96.5	7790.8	47.71	35.71	25.37	15.87	10.79	4.68	2.27	1.48	25.29	88.6	0.96	85.9	4,520	6.6	2.3	7.4	4.7	3.8	6.3
22.743	79.5	4	12:59 PM	96.5	8361.4	51.19	38.42	27.38	17.19	11.70	5.18	2.60	1.74	27.42	88.6	0.96	86.0	4,493	6.5	2.3	7.5	4.7	3.8	6.3
22.827	79.2	1	1:00 PM	96.9	6364.3	29.80	22.26	16.44	10.97	8.02	4.35	2.70	1.96	16.14	88.9	0.96	67.5	5,317	8.0	2.8	8.9	5.0	4.0	8.0
22.827	79.2	2	1:00 PM	96.9	6375.3	27.64	20.92	15.76	10.78	8.01	4.44	2.77	2	15.56	88.9	0.96	63.0	5,472	8.2	3.0	9.5	5.1	4.1	8.6
22.827	79.2	3	1:00 PM	96.9	7988.3	35.11	26.70	20.20	13.82	10.26	5.69	3.53	2.55	19.96	88.9	0.96	63.8	5,368	8.0	3.0	9.4	5.1	4.0	8.5
22.827	79.2	4	1:00 PM	96.9	8493.1	37.09	28.33	21.51	14.75	10.97	6.15	3.86	2.8	21.29	88.9	0.96	63.5	5,359	8.0	3.0	9.5	5.1	4.0	8.5
22.924	79.8	1	1:01 PM	97	6243.6	40.81	30.68	22.60	14.34	9.72	4.35	2.20	1.39	22.05	89.0	0.96	91.5	4,107	5.9	2.3	7.2	4.6	3.8	5.9
22.924	79.8	2	1:01 PM	97	6221.7	38.02	29.02	21.81	14.19	9.78	4.50	2.29	1.43	21.44	89.0	0.96	86.1	4,192	6.0	2.4	7.6	4.6	3.8	6.3
22.924	79.8	3	1:01 PM	97	7790.8	48.05	36.89	27.94	18.25	12.59	5.81	2.96	1.82	27.54	89.0	0.96	86.9	4,106	5.9	2.4	7.6	4.6	3.8	6.2
22.924	79.8	4	1:01 PM	97	8328.5	51.30	39.57	30.01	19.69	13.58	6.35	3.28	2.1	29.65	89.0	0.96	86.9	4,084	5.9	2.5	7.6	4.6	3.8	6.2
23.011	81.8	1	2:01 PM	98.4	6109	52.28	39.33	28.63	17.03	10.87	4.73	2.81	2.19	28.24	94.9	1.11	145.7	3,320	4.6	1.0	5.4	4.8	3.8	4.6
23.011	81.8	2	2:01 PM	98.4	6212	49.83	37.56	27.76	16.91	11.01	4.92	2.89	2.22	27.84	94.9	1.11	137.3	3,421	4.8	1.2	5.7	4.8	3.8	4.9
23.011	81.8	3	2:01 PM	98.4	7777	63.15	47.98	35.65	21.73	14.15	6.39	3.82	2.91	35.8	94.9	1.11	139.2	3,352	4.7	1.1	5.6	4.8	3.8	4.8
23.011	81.8	4	2:01 PM	98.4	8314	68.18	51.98	38.73	23.62	15.29	6.81	4.06	3.15	39.16	94.9	1.11	140.5	3,317	4.6	1.1	5.6	4.8	3.8	4.8
23.112	80.4	1	2:02 PM	99.9	6407	29.03	19.24	12.66	7.41	4.99	2.65	1.9	1.53	13.08	96.6	1.07	78.6	6,958	10.9	1.5	7.5	5.8	4.4	8.6
23.112	80.4	2	2:02 PM	99.9	6419	27	18.33	12.37	7.45	5.1	2.72	1.89	1.52	12.58	96.6	1.08	73.7	7,124	11.3	1.7	7.9	5.8	4.4	9.2
23.112	80.4	3	2:02 PM	99.9	8139	33.77	23.19	15.74	9.54	6.55	3.53	2.52	2.02	16.09	96.6	1.08	72.9	7,118	11.2	1.7	8.0	5.9	4.4	9.3
23.112	80.4	4	2:02 PM	99.9	8587	35.38	24.42	16.64	10.12	6.96	3.77	2.66	2.16	17.04	96.6	1.08	72.6	7,112	11.2	1.8	8.0	5.9	4.4	9.3
23.211	79.5	1	2:03 PM	101.2	6299	24.06	15.59	10.03	5.74	4.03	2.4	1.79	1.33	9.65	98.1	1.07	67.6	8,368	13.7	1.6	8.0	6.0	4.5	10.0
23.211	79.5	2	2:03 PM	101.2	6355	22.74	15.06	9.92	5.81	4.09	2.43	1.79	1.34	9.4	98.1	1.08	63.9	8,600	14.1	1.8	8.4	6.1	4.6	10.6
23.211	79.5	3	2:03 PM	101.2	8063	28.63	19.04	12.63	7.44	5.26	3.15	2.33	1.78	12.16	98.1	1.08	63.5	8,568	14.1	1.8	8.4	6.1	4.6	10.6
23.211	79.5	4	2:03 PM	101.2	8516	30.04	20.12	13.42	7.93	5.59	3.36	2.48	1.9	12.86	98.1	1.08	63.2	8,565	14.1	1.8	8.5	6.1	4.6	10.7
23.299	79.3	1	2:04 PM	101.5	6360	35.36	24.13	15.81	8.91	5.85	2.94	2.07	1.63	16.25	98.4	1.09	96.2	5,786	8.8	1.2	6.6	5.5	4.2	7.0
23.299	79.3	2	2:04 PM	101.5	6328	32.35	22.48	15.09	8.74	5.85	2.98	2.04	1.59	15.56	98.4	1.09	89.3	6,002	9.2	1.4	7.0	5.6	4.2	7.6
23.299	79.3	3	2:04 PM	101.5	7980	40.7	28.57	19.3	11.25	7.56	3.93	2.76	2.16	19.81	98.4	1.10	89.4	5,929	9.0	1.4	7.1	5.6	4.2	7.6
23.299	79.3	4	2:04 PM	101.5	8563	43.54	30.67	20.79	12.14	8.14	4.24	2.98	2.34	21.41	98.4	1.10	89.2	5,927	9.0	1.4	7.1	5.6	4.2	7.6
23.412	79.1	1	2:06 PM	101.2	6371	36.56	25.19	16.82	9.46	5.89	2.59	1.85	1.66	17.57	98.1	1.08	97.9	5,684	8.6	1.2	6.6	5.5	4.2	6.9
23.412	79.1	2	2:06 PM	101.2	6392	33.6	23.78	16.24	9.39	5.96	2.67	1.87	1.64	16.81	98.1	1.08	90.6	5,898	9.0	1.4	7.0	5.6	4.2	7.5
23.412	79.1	3	2:06 PM	101.2	8031	42.56	30.61	21.07	12.25	7.83	3.5	2.51	2.18	21.66	98.1	1.09	91.5	5,736	8.7	1.4	7.0	5.5	4.2	7.4
23.412	79.1	4	2:06 PM	101.2	8587	45.61	32.91	22.73	13.24	8.42	3.79	2.73	2.41	23.3	98.1	1.09	91.8	5,713	8.7	1.4	7.0	5.5	4.2	7.4
23.484	78.4	1	2:07 PM	100.9	6363	31.74	21.86	14.63	8.31	5.4	2.57	1.67	1.29	14.57	97.7	1.08	86.0	6,355	9.8	1.4	7.1	5.6	4.3	7.8
23.484	78.4	2	2:07 PM	100.9	6419	29.47	20.62	14.12	8.26	5.44	2.59	1.68	1.27	14.05	97.7	1.08	79.8	6,609	10.3	1.6	7.5	5.7	4.3	8.5
23.484	78.4	3	2:07 PM	100.9	8063	37.15	26.2	18.09	10.65	7.03	3.38	2.24	1.7	17.99	97.7	1.08	80.3	6,498	10.1	1.6	7.6	5.7	4.3	8.4
23.484	78.4	4	2:07 PM	100.9	8505	38.95	27.55	19.07	11.25	7.42	3.59	2.4	1.85	18.96	97.7	1.08	79.9	6,513	10.1	1.6	7.6	5.7	4.3	8.4
23.586	78.6	1	2:08 PM	100.7	6355	32.06	21.33	14.38	8.38	5.49	2.65	1.76	1.36	15.33	97.5	1.08	87.0	6,262	9.6	1.4	7.1	5.6	4.3	7.8
23.586	78.6	2	2:08 PM	100.7	6426	30.04	20.43	14.03	8.33	5.56	2.76	1.77	1.4	14.92	97.5	1.08	81.4	6,482	10.1	1.6	7.5	5.7	4.3	8.3
23.586	78.6	3	2:08 PM	100.7	8071	37.72	26.01	18	10.79	7.2	3.57	2.4	1.87	19.09	97.5	1.08	81.6	6,375	9.9	1.6	7.5	5.7	4.3	8.3
23.586	78.6	4	2:08 PM	100.7	8500	39.42	27.37	18.98	11.39	7.59	3.8	2.54	2.01	19.72	97.5	1.09	81.1	6,394	9.9	1.6	7.5	5.7	4.3	8.3

23.682	78.4	1	2:09 PM	100.6	6442	22.6	15.34	10.66	6.89	4.96	2.97	2.08	1.58	10.67	97.3	1.09	63.4	7,834	12.6	2.0	8.8	6.0	4.5	10.6
23.682	78.4	2	2:09 PM	100.6	6458	21.35	14.77	10.44	6.83	4.98	2.97	2.08	1.55	10.36	97.3	1.09	60.3	8,040	13.0	2.1	9.1	6.1	4.6	11.2
23.682	78.4	3	2:09 PM	100.6	8139	27.03	18.85	13.42	8.85	6.46	3.87	2.74	2.06	13.37	97.3	1.09	60.6	7,888	12.7	2.2	9.2	6.1	4.6	11.1
23.682	78.4	4	2:09 PM	100.6	8547	28.13	19.67	14.06	9.28	6.8	4.09	2.9	2.22	14.04	97.3	1.09	60.2	7,905	12.8	2.2	9.2	6.1	4.6	11.2
23.773	78.1	1	2:10 PM	100.4	6530	19.8	13.75	9.99	6.65	4.93	2.94	2.07	1.59	10.04	97.1	1.08	55.8	8,428	13.8	2.3	9.7	6.2	4.7	12.1
23.773	78.1	2	2:10 PM	100.4	6569	18.68	13.23	9.72	6.58	4.91	2.96	2.08	1.59	9.66	97.1	1.08	52.9	8,689	14.3	2.4	10.1	6.3	4.7	12.8
23.773	78.1	3	2:10 PM	100.4	8246	23.39	16.69	12.37	8.4	6.28	3.81	2.69	2.05	12.34	97.1	1.09	52.8	8,594	14.1	2.5	10.1	6.2	4.7	12.8
23.773	78.1	4	2:10 PM	100.4	8671	24.5	17.54	13.03	8.9	6.66	4.04	2.89	2.23	13.06	97.1	1.09	52.7	8,560	14.1	2.5	10.2	6.2	4.7	12.8
23.866	78.4	1	2:11 PM	99.0	6291	35.96	25.57	18.17	11.51	8.21	4.85	3.39	2.5	18.18	95.5	1.11	100.6	4,708	6.9	1.6	6.9	5.3	4.1	6.7
23.866	78.4	2	2:11 PM	99.0	6347	33.19	24.03	17.44	11.37	8.24	4.9	3.42	2.5	17.39	95.5	1.11	92.7	4,896	7.2	1.8	7.4	5.4	4.1	7.3
23.866	78.4	3	2:11 PM	99.0	7928	41.5	30.37	22.18	14.48	10.5	6.26	4.33	3.16	22.19	95.5	1.12	93.0	4,834	7.1	1.8	7.4	5.4	4.1	7.3
23.866	78.4	4	2:11 PM	99.0	8417	43.72	32.04	23.46	15.38	11.18	6.72	4.68	3.47	23.58	95.5	1.12	92.4	4,839	7.1	1.8	7.4	5.4	4.1	7.3
23.960	78.4	1	2:12 PM	101.3	6431	26.33	17.8	11.84	6.86	4.57	2.43	1.72	1.32	12.06	98.1	1.07	71.8	7,661	12.3	1.6	7.8	5.9	4.5	9.4
23.960	78.4	2	2:12 PM	101.3	6466	24.28	16.7	11.37	6.78	4.6	2.46	1.71	1.3	11.5	98.1	1.08	66.6	7,967	12.9	1.8	8.3	6.0	4.5	10.1
23.960	78.4	3	2:12 PM	101.3	8103	30.2	20.96	14.4	8.67	5.91	3.19	2.24	1.72	14.67	98.1	1.08	66.3	7,886	12.7	1.8	8.4	6.0	4.5	10.2
23.960	78.4	4	2:12 PM	101.3	8512	31.43	21.9	15.11	9.13	6.22	3.37	2.37	1.84	15.37	98.1	1.08	65.8	7,910	12.8	1.9	8.4	6.0	4.5	10.3
24.060	78.1	1	2:13 PM	101.1	6368	36.8	24.65	15.94	8.95	5.83	2.87	1.87	1.36	16.18	97.8	1.09	99.2	5,694	8.6	1.1	6.5	5.5	4.1	6.8
24.060	78.1	2	2:13 PM	101.1	6363	33.57	23.08	15.39	8.93	5.93	2.94	1.88	1.37	15.45	97.8	1.09	91.5	5,889	9.0	1.4	6.9	5.5	4.2	7.4
24.060	78.1	3	2:13 PM	101.1	7996	42.43	29.56	19.91	11.63	7.72	3.83	2.47	1.77	19.86	97.8	1.09	92.2	5,763	8.7	1.4	6.9	5.5	4.2	7.3
24.060	78.1	4	2:13 PM	101.1	8492	44.82	31.37	21.25	12.46	8.32	4.21	2.74	2.02	21.21	97.8	1.10	92.0	5,732	8.7	1.4	7.0	5.5	4.2	7.3
24.157	78	1	2:14 PM	101.4	6379	20.68	14.39	9.82	6.01	4.2	2.21	1.42	1.04	9.53	98.2	1.07	58.2	8,880	14.7	2.0	9.0	6.2	4.6	11.6
24.157	78	2	2:14 PM	101.4	6423	19.19	13.67	9.53	5.96	4.2	2.23	1.4	1.03	9.22	98.2	1.07	54.3	9,235	15.4	2.2	9.5	6.3	4.7	12.4
24.157	78	3	2:14 PM	101.4	8071	24.06	17.35	12.21	7.74	5.48	2.91	1.86	1.37	11.83	98.2	1.07	54.3	9,043	15.0	2.2	9.6	6.3	4.7	12.4
24.157	78	4	2:14 PM	101.4	8508	25.19	18.23	12.89	8.19	5.81	3.1	1.96	1.47	12.51	98.2	1.07	54.1	9,038	15.0	2.3	9.7	6.3	4.7	12.5
24.250	77.8	1	2:15 PM	102.1	6328	23.76	17.12	12.41	8.31	6.21	3.71	2.61	2.01	12.31	98.9	1.12	69.1	6,604	10.3	2.1	8.7	5.8	4.4	9.8
24.250	77.8	2	2:15 PM	102.1	6347	21.4	15.76	11.67	8.04	6.07	3.67	2.61	2.01	11.65	98.9	1.12	62.9	6,977	11.0	2.4	9.3	6.0	4.5	10.7
24.250	77.8	3	2:15 PM	102.1	7941	26.13	19.38	14.43	9.92	7.49	4.57	3.24	2.48	14.33	98.9	1.11	61.6	7,100	11.2	2.4	9.5	6.0	4.5	11.0
24.250	77.8	4	2:15 PM	102.1	8497	27.52	20.44	15.27	10.52	7.96	4.85	3.44	2.66	15.25	98.9	1.11	60.7	7,170	11.3	2.4	9.6	6.0	4.5	11.1
24.347	77.8	1	2:16 PM	101.9	6419	19.72	12.73	8.71	5.82	4.42	2.76	1.88	1.34	9.17	98.7	1.09	56.7	8,858	14.6	2.1	9.3	6.2	4.7	11.9
24.347	77.8	2	2:16 PM	101.9	6490	18.06	12.04	8.45	5.73	4.4	2.76	1.89	1.34	8.82	98.7	1.09	52.1	9,306	15.6	2.3	9.9	6.3	4.7	13.0
24.347	77.8	3	2:16 PM	101.9	8131	22.27	15.19	10.75	7.33	5.64	3.58	2.47	1.76	11.14	98.7	1.09	51.5	9,233	15.4	2.4	10.0	6.3	4.7	13.1
24.347	77.8	4	2:16 PM	101.9	8536	23.1	15.84	11.27	7.69	5.93	3.77	2.61	1.87	11.69	98.7	1.09	51.0	9,267	15.5	2.4	10.1	6.3	4.8	13.2
24.437	77.6	1	2:17 PM	101.6	6419	23.89	16.96	12.07	7.75	5.5	2.78	1.59	1.07	11.93	98.4	1.09	66.8	7,197	11.4	2.0	8.7	5.9	4.5	10.1
24.437	77.6	2	2:17 PM	101.6	6474	22.28	16.09	11.64	7.58	5.41	2.77	1.61	1.08	11.5	98.4	1.09	62.4	7,540	12.1	2.2	9.1	6.0	4.5	10.8
24.437	77.6	3	2:17 PM	101.6	8079	27.89	20.37	14.85	9.69	6.94	3.59	2.11	1.46	14.57	98.4	1.09	62.7	7,405	11.8	2.2	9.1	6.0	4.5	10.8
24.437	77.6	4	2:17 PM	101.6	8528	29.31	21.47	15.69	10.26	7.33	3.78	2.23	1.55	15.47	98.4	1.09	62.5	7,415	11.8	2.2	9.2	6.0	4.5	10.8
24.536	77.4	1	2:18 PM	99.6	6276	42.83	29.4	19.17	10.67	6.82	3.12	1.86	1.27	19.47	96.1	1.09	115.4	4,809	7.1	1.0	6.0	5.2	4.0	5.8
24.536	77.4	2	2:18 PM	99.6	6296	39.33	27.54	18.54	10.7	6.96	3.22	1.88	1.28	18.79	96.1	1.09	106.6	4,969	7.3	1.2	6.4	5.3	4.1	6.3
24.536	77.4	3	2:18 PM	99.6	7837	49.71	35.25	23.89	13.82	8.97	4.13	2.44	1.64	24.09	96.1	1.09	108.3	4,843	7.1	1.2	6.3	5.3	4.0	6.2
24.536	77.4	4	2:18 PM	99.6	8325	52.95	37.68	25.7	14.97	9.78	4.59	2.74	1.89	25.97	96.1	1.09	108.9	4,769	7.0	1.2	6.3	5.3	4.0	6.2
24.625	79.5	1	2:21 PM	97.6	6288	38.42	27.21	18.7	10.85	7.25	3.72	2.5	1.88	18.81	93.8	1.08	104.1	4,907	7.2	1.3	6.6	5.3	4.1	6.5
24.625	79.5	2	2:21 PM	97.6	6328	35.62	25.69	18.12	10.9	7.43	3.88	2.57	1.93	18.31	93.8	1.09	96.7	5,038	7.5	1.5	7.0	5.4	4.1	7.0
24.625	79.5	3	2:21 PM	97.6	7880	44.6	32.32	22.97	13.87	9.44	4.93	3.26	2.46	23.42	93.8	1.09	97.3	4,969	7.3	1.5	7.0	5.4	4.1	6.9
24.625	79.5	4	2:21 PM	97.6	8346	47.09	34.59	24.72	14.98	10.22	5.42	3.63	2.72	24.78	93.8	1.09	97.3	4,914	7.2	1.6	7.0	5.4	4.1	6.9
24.720	78.7	1	2:25 PM	97.2	6463	27.47	19.28	13.39	8.02	5.34	2.65	1.85	1.54	13.48	93.3	1.06	73.2	6,940	10.9	1.8	8.1	5.8	4.4	9.2

24.720	78.7	2	2:25 PM	97.2	6527	25.87	18.43	13.04	7.99	5.4	2.71	1.89	1.54	13.09	93.3	1.06	68.9	7,152	11.3	1.9	8.4	5.9	4.5	9.8
24.720	78.7	3	2:25 PM	97.2	8118	32.31	23.16	16.5	10.18	6.93	3.53	2.51	2.05	16.53	93.3	1.06	69.3	7,013	11.0	2.0	8.5	5.9	4.4	9.7
24.720	78.7	4	2:25 PM	97.2	8600	33.94	24.35	17.39	10.74	7.31	3.74	2.67	2.21	17.48	93.3	1.06	68.8	7,056	11.1	2.0	8.5	5.9	4.4	9.8
24.812	77.5	1	2:26 PM	97.5	6487	22.84	16.38	11.87	7.7	5.54	3.06	1.98	1.45	11.7	93.7	1.07	62.6	7,375	11.7	2.2	9.2	6.0	4.5	10.8
24.812	77.5	2	2:26 PM	97.5	6498	21.53	15.67	11.5	7.58	5.51	3.07	1.99	1.44	11.41	93.7	1.07	59.4	7,583	12.1	2.4	9.5	6.1	4.6	11.4
24.812	77.5	3	2:26 PM	97.5	8118	27.09	19.85	14.65	9.71	7.09	3.99	2.61	1.89	14.5	93.7	1.07	59.9	7,424	11.8	2.4	9.5	6.0	4.6	11.3
24.812	77.5	4	2:26 PM	97.5	8568	28.52	20.87	15.42	10.24	7.47	4.24	2.8	2.06	15.36	93.7	1.07	59.8	7,439	11.9	2.4	9.6	6.0	4.6	11.3
24.908	76.7	1	2:27 PM	97.4	6280	36.55	27.09	19.54	12.17	8.39	4.2	2.71	2.15	19.94	93.5	1.09	100.1	4,611	6.7	1.6	7.0	5.3	4.1	6.7
24.908	76.7	2	2:27 PM	97.4	6299	34.15	25.7	18.84	11.97	8.35	4.3	2.78	2.18	19.19	93.5	1.09	93.9	4,766	7.0	1.8	7.4	5.4	4.1	7.2
24.908	76.7	3	2:27 PM	97.4	7837	43.07	32.53	23.93	15.24	10.65	5.48	3.57	2.78	24.44	93.5	1.09	95.2	4,670	6.8	1.8	7.3	5.3	4.1	7.1
24.908	76.7	4	2:27 PM	97.4	8341	45.89	34.72	25.58	16.29	11.37	5.93	3.89	3.09	26.11	93.5	1.09	95.4	4,659	6.8	1.8	7.3	5.3	4.1	7.1
24.998	76.2	1	2:29 PM	96.8	6347	31.43	22.65	16.17	10.58	7.85	4.7	3.31	2.61	16.07	92.8	1.09	86.4	5,151	7.7	1.9	7.7	5.5	4.2	7.8
24.998	76.2	2	2:29 PM	96.8	6376	29.31	21.41	15.61	10.43	7.84	4.76	3.39	2.65	15.61	92.8	1.09	80.9	5,316	7.9	2.1	8.2	5.6	4.2	8.3
24.998	76.2	3	2:29 PM	96.8	7983	36.88	27.24	19.89	13.3	9.99	6.09	4.31	3.35	19.88	92.8	1.09	81.3	5,247	7.8	2.1	8.2	5.6	4.2	8.3
24.998	76.2	4	2:29 PM	96.8	8460	39.07	28.97	21.24	14.21	10.7	6.58	4.67	3.65	21.2	92.8	1.09	81.4	5,212	7.8	2.1	8.2	5.5	4.2	8.3


BIA 41-60
Eff. Structural Number
Eff. R-value
Test Location, miles
19.0
20.0
21.0
22.0
23.0
24.0
25.0
26.0
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


BIA 41-60
Allowable Spring Axle Load, Tons
14
12
10
8
6
4
2
0
19.0
20.0
21.0
22.0
23.0
24.0
25.0
26.0
Test Location, miles
AASHTO
TONN

County:	Pine Ridge Reservation		X1	X2	X3	X4	X5	X6	X7	X8
Date Tested:	6/20/2008		0	200	300	450	600	900	1200	1500
Julian:	172		0	7.87	11.81	17.71	23.62	35.4	47.24	59.1
Highway	BIA 41 - Section 70		0	7.87	11.81	17.71	23.62	35.4	47.24	59.1
From:	2.8 Miles N of BIA 2									
To:	Custer County Line		19.71	14.87	11.40	7.85	5.80	3.35	2.25	1.68
Dir	NB			0.75	0.58	0.40	0.29	0.17	0.11	0.09
Prev Day Temp	75	°F								
Bit. Thickness	7.3	inches								
Daily ESALs	5.5									
Annual Growth	2.00%									
Design Period	20	years								
Proj. Factor	1.49									
Growth Factor	24.30									
Design ESALs	48,777									
Soil Type	P									
Drought Adj.	1.00									
Seas. Adj. Fact.	1.25									

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		
	$_{s}BB_{60}$ mils	Esg psi	Eff. R-val	Eff SN inches	AASHTO			TONN Tons
Avg. =	38.1	11,256	20.2	3.6	14.9			15.4
Median =	32.08	10,858	18.8	3.6	15.4			15.4
Std.Dev. =	18.58	4,550	9.9	0.7	3.1			5.4
85th % =	23.44	6,093	9.3	3.0	11.9			9.5

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	G.E., in.	Calculated Spring Axle Load to Achive Design Deflection in Tons Design Method AASHTO	Soil Fact.	Inv 183	Inv. 603 TONN Method
25.097	76	1	2:30 PM	96.9	6315	26.53	18.59	12.97	8.17	5.74	3.13	2.11	1.64	13	94.0	0.89	49.8	7,434	11.8	3.1	12.0	6.6	4.9	9.9
25.097	76	2	2:30 PM	96.9	6379	24.91	17.63	12.54	8.07	5.73	3.17	2.14	1.62	12.7	94.0	0.89	46.7	7,717	12.4	3.2	12.6	6.7	5.0	10.6
25.097	76	3	2:30 PM	96.9	7948	31.09	22.28	15.96	10.3	7.35	4.09	2.78	2.11	16.2	94.0	0.89	46.9	7,580	12.1	3.3	12.6	6.7	5.0	10.6
25.097	76	4	2:30 PM	96.9	7451	28.78	20.75	14.85	9.58	6.82	3.78	2.58	1.96	15.1	94.0	0.89	46.3	7,665	12.3	3.3	12.7	6.7	5.0	10.7
25.192	76.2	1	2:38 PM	93.2	6164	46.36	31.36	20.46	10.94	6.9	3.86	2.9	2.31	20.5	91.6	0.92	87.5	5,080	7.5	1.9	8.1	5.9	4.4	5.7
25.192	76.2	2	2:38 PM	93.2	6299	41.13	28.28	18.95	10.6	6.91	3.93	2.91	2.32	19.1	91.6	0.92	76.7	5,495	8.3	2.2	8.9	6.0	4.5	6.5
25.192	76.2	3	2:38 PM	93.2	7782	51.21	35.97	24.44	13.71	8.89	4.98	3.69	2.91	24.6	91.6	0.92	77.3	5,359	8.0	2.2	9.0	6.0	4.5	6.4
25.192	76.2	4	2:38 PM	93.2	8330	53.69	38.11	26.17	14.8	9.63	5.48	4.08	3.28	26.5	91.6	0.92	75.9	5,377	8.1	2.3	9.1	6.0	4.5	6.5
25.291	74.5	1	2:39 PM	94.2	6233	37.39	25.78	17.59	10.35	7.2	4.42	3.38	2.72	17.6	92.2	0.92	71.0	5,558	8.4	2.5	9.6	6.1	4.6	7.0
25.291	74.5	2	2:39 PM	94.2	6272	34.26	23.95	16.67	10.12	7.17	4.48	3.41	2.75	16.7	92.2	0.92	65.2	5,827	8.9	2.7	10.2	6.2	4.6	7.6
25.291	74.5	3	2:39 PM	94.2	7809	43.44	30.68	21.42	12.9	9.05	5.6	4.22	3.35	21.5	92.2	0.92	66.3	5,736	8.7	2.6	10.1	6.2	4.6	7.5
25.291	74.5	4	2:39 PM	94.2	8290	45.69	32.48	22.76	13.75	9.66	6.02	4.57	3.64	22.9	92.2	0.92	65.8	5,742	8.7	2.7	10.2	6.2	4.6	7.5
25.384	73.9	1	2:41 PM	93.8	6196	30.3	21.7	15.64	10.36	7.78	4.87	3.45	2.5	16.1	91.9	0.93	59.4	5,765	8.7	3.1	11.3	6.3	4.7	8.3
25.384	73.9	2	2:41 PM	93.8	6252	28.1	20.66	15.29	10.44	7.93	4.99	3.51	2.54	15.7	91.9	0.93	55.1	5,905	9.0	3.3	12.0	6.4	4.8	9.0
25.384	73.9	3	2:41 PM	93.8	7805	35.19	26.09	19.32	13.06	9.89	6.25	4.33	3.09	19.7	91.9	0.93	55.3	5,903	9.0	3.3	12.0	6.4	4.8	9.0
25.384	73.9	4	2:41 PM	93.8	8301	37.31	27.82	20.66	13.97	10.61	6.72	4.65	3.34	21	91.9	0.93	55.1	5,875	8.9	3.3	12.1	6.4	4.8	9.0
25.483	70.6	1	3:37 PM	85.7	6466	27.83	20.42	14.7	9.15	6.46	3.77	2.85	2.31	14.7	86.1	0.96	54.5	6,964	11.0	2.9	11.3	6.5	4.8	9.1
25.483	70.6	2	3:37 PM	85.7	6585	26.3	19.38	14.15	8.99	6.46	3.86	2.91	2.37	14.3	86.1	0.96	51.1	7,255	11.5	3.0	11.8	6.5	4.9	9.7
25.483	70.6	3	3:37 PM	85.7	8385	34.3	25.27	18.43	11.69	8.28	4.93	3.77	3.07	18.5	86.1	0.96	52.1	7,158	11.3	3.0	11.7	6.5	4.9	9.5
25.483	70.6	4	3:37 PM	85.7	8825	36.32	26.87	19.64	12.44	8.84	5.24	3.96	3.22	19.9	86.1	0.96	52.4	7,079	11.2	3.0	11.7	6.5	4.9	9.4
25.574	70	1	3:39 PM	88.8	6474	29.7	22.26	17.05	11.58	8.71	5.31	3.77	2.93	17	88.0	0.95	57.6	5,639	8.5	3.2	11.8	6.3	4.7	8.6
25.574	70	2	3:39 PM	88.8	6514	27.77	21.07	16.4	11.4	8.64	5.4	3.87	2.96	16.4	88.0	0.95	53.9	5,827	8.9	3.4	12.4	6.4	4.8	9.2
25.574	70	3	3:39 PM	88.8	8357	35.7	27.15	21.12	14.63	11.03	6.83	4.91	3.76	21.2	88.0	0.95	54.0	5,844	8.9	3.4	12.3	6.4	4.8	9.2
25.574	70	4	3:39 PM	88.8	8730	37.38	28.6	22.25	15.43	11.67	7.24	5.17	3.94	22.4	88.0	0.95	54.2	5,788	8.8	3.4	12.4	6.4	4.8	9.1

25.674	70.5	1	3:40 PM	88.7	6534	23.51	16.97	12.38	8.07	5.87	3.63	2.83	2.36	12.6	87.9	0.94	45.9	7,972	12.9	3.2	12.6	6.7	5.0	10.8
25.674	70.5	2	3:40 PM	88.7	6554	21.65	15.87	11.79	7.87	5.83	3.67	2.85	2.33	12	87.9	0.94	42.6	8,283	13.5	3.4	13.3	6.8	5.1	11.6
25.674	70.5	3	3:40 PM	88.7	8404	27.61	20.25	15.07	10.04	7.39	4.62	3.58	2.89	15.4	87.9	0.94	42.4	8,360	13.7	3.4	13.3	6.8	5.1	11.7
25.674	70.5	4	3:40 PM	88.7	8862	29.01	21.39	15.95	10.63	7.82	4.9	3.77	3.07	16.5	87.9	0.94	42.3	8,352	13.6	3.4	13.4	6.8	5.1	11.7
25.755	70.4	1	3:41 PM	86.9	6514	24.24	16.98	11.98	7.04	4.59	2.35	1.8	1.54	12.4	86.8	0.94	47.1	9,043	15.0	2.8	11.6	6.7	5.0	10.5
25.755	70.4	2	3:41 PM	86.9	6546	22.61	16.16	11.59	6.98	4.65	2.42	1.84	1.56	11.8	86.8	0.94	44.1	9,306	15.6	3.0	12.2	6.8	5.1	11.2
25.755	70.4	3	3:41 PM	86.9	8436	29.44	21.02	15.16	9.2	6.14	3.23	2.49	2.11	15.7	86.8	0.94	44.6	9,138	15.2	3.0	12.1	6.8	5.1	11.1
25.755	70.4	4	3:41 PM	86.9	8770	30.43	21.82	15.8	9.61	6.41	3.37	2.59	2.19	16.3	86.8	0.94	44.4	9,139	15.2	3.0	12.2	6.8	5.1	11.2
25.862	70.1	1	3:42 PM	84.3	6320	17.95	14.77	12.22	9.05	7	4.1	2.65	1.87	12.2	85.2	0.96	38.4	7,354	11.7	4.1	15.7	6.8	5.1	12.9
25.862	70.1	2	3:42 PM	84.3	6379	17.78	14.54	12.03	8.93	6.94	4.09	2.67	1.92	12	85.2	0.96	37.8	7,488	12.0	4.1	15.8	6.8	5.1	13.1
25.862	70.1	3	3:42 PM	84.3	8174	22.84	18.77	15.58	11.57	8.98	5.3	3.47	2.51	15.7	85.2	0.96	37.9	7,423	11.8	4.1	15.8	6.8	5.1	13.1
25.862	70.1	4	3:42 PM	84.3	8738	24.53	20.09	16.68	12.35	9.59	5.66	3.69	2.65	16.9	85.2	0.96	38.0	7,424	11.8	4.1	15.7	6.8	5.1	13.0
25.945	69.9	1	3:43 PM	84.3	6005	35.58	24.82	17.38	10.67	7.05	3.61	2.6	1.91	18.3	85.2	0.96	73.4	5,539	8.3	2.3	9.3	6.1	4.5	6.7
25.945	69.9	2	3:43 PM	84.3	5926	34.44	24.41	17.17	10.59	7.1	3.82	2.57	2.01	18.1	85.2	0.96	72.2	5,523	8.3	2.4	9.5	6.1	4.6	6.9
25.945	69.9	3	3:43 PM	84.3	7642	44.4	31.86	22.68	14.07	9.49	5.02	3.51	2.59	23.8	85.2	0.96	72.2	5,413	8.1	2.5	9.5	6.1	4.5	6.9
25.945	69.9	4	3:43 PM	84.3	8298	47.94	34.7	24.65	15.34	10.31	5.33	3.78	2.68	25.9	85.2	0.96	71.8	5,424	8.1	2.5	9.6	6.1	4.5	6.9
26.045	69.8	1	3:44 PM	84.2	6283	20.26	15.74	12.71	9.66	7.64	4.68	3.04	2.24	13	85.1	0.97	42.9	6,661	10.4	3.9	14.7	6.7	5.0	11.5
26.045	69.8	2	3:44 PM	84.2	6236	20.26	15.77	12.85	9.67	7.67	4.67	3.06	2.27	13.2	85.1	0.97	43.2	6,590	10.3	3.9	14.6	6.6	5.0	11.5
26.045	69.8	3	3:44 PM	84.2	7999	26.46	20.68	16.79	12.74	9.91	6	3.98	2.94	17.2	85.1	0.97	43.9	6,530	10.1	3.9	14.5	6.6	5.0	11.3
26.045	69.8	4	3:44 PM	84.2	8648	28.51	22.23	17.88	13.74	10.85	6.58	4.26	3.1	18.2	85.1	0.97	43.7	6,466	10.0	3.9	14.6	6.6	5.0	11.3
26.139	70.1	1	3:45 PM	84.2	6029	49.87	31.28	19.31	9.76	5.41	1.61	0.75	0.56	20.8	85.1	0.95	98.4	5,407	8.1	1.3	7.0	5.8	4.3	5.0
26.139	70.1	2	3:45 PM	84.2	6045	46.53	29.96	18.71	9.53	5.34	1.61	0.77	0.59	20.1	85.1	0.95	92.0	5,653	8.5	1.4	7.4	5.9	4.4	5.4
26.139	70.1	3	3:45 PM	84.2	7840	58.83	38.58	24.16	12.16	6.75	2.05	1.02	0.73	25.4	85.1	0.95	89.8	5,799	8.8	1.5	7.5	5.9	4.4	5.5
26.139	70.1	4	3:45 PM	84.2	8500	63.17	41.74	26.2	13.31	7.35	2.17	1.07	0.82	27.9	85.1	0.95	88.9	5,816	8.8	1.5	7.5	5.9	4.4	5.6
26.230	70.7	1	3:46 PM	83.5	5955	45.24	30.96	20.54	11.46	7.02	3.22	2.2	1.62	20.7	84.7	0.96	92.6	4,923	7.3	1.8	7.8	5.8	4.4	5.3
26.230	70.7	2	3:46 PM	83.5	5970	42.9	29.46	19.72	11	6.93	3.23	2.2	1.71	20.1	84.7	0.96	87.9	5,097	7.6	1.9	8.1	5.9	4.4	5.6
26.230	70.7	3	3:46 PM	83.5	7682	54.28	37.58	25.45	14.46	8.9	4.2	2.93	2.07	26	84.7	0.96	86.5	5,143	7.6	1.9	8.1	5.9	4.4	5.7
26.230	70.7	4	3:46 PM	83.5	8433	59.07	41.11	27.78	15.75	9.76	4.46	3.3	2.2	28.8	84.7	0.96	85.8	5,168	7.7	1.9	8.2	5.9	4.4	5.8
26.330	71.7	1	3:47 PM	84.1	6431	14.69	10.8	8.35	5.96	4.52	2.66	1.71	1.21	8.23	84.9	0.96	31.8	10,960	19.0	3.8	15.5	7.2	5.4	15.6
26.330	71.7	2	3:47 PM	84.1	6291	14.41	10.53	8.15	5.81	4.5	2.65	1.66	1.21	8.31	84.9	0.96	31.9	10,817	18.7	3.8	15.6	7.2	5.4	15.5
26.330	71.7	3	3:47 PM	84.1	8126	18.43	13.83	10.65	7.73	5.83	3.41	2.22	1.63	10.6	84.9	0.96	31.7	10,826	18.7	3.8	15.7	7.2	5.4	15.6
26.330	71.7	4	3:47 PM	84.1	8619	19.45	14.21	11.2	8.13	6.13	3.54	2.3	1.7	11.4	84.9	0.96	31.5	10,909	18.9	3.8	15.7	7.2	5.4	15.7
26.421	71.9	1	3:49 PM	83.3	6511	8.8	6.98	5.8	4.58	3.83	2.5	1.68	1.25	5.67	84.4	0.96	21.3	14,074	25.9	4.6	20.4	7.7	5.9	23.2
26.421	71.9	2	3:49 PM	83.3	6554	8.54	6.76	5.74	4.53	3.61	2.41	1.71	1.24	5.51	84.4	0.96	20.8	14,924	27.8	4.6	20.3	7.8	5.9	23.8
26.421	71.9	3	3:49 PM	83.3	8465	11.02	8.74	7.37	5.83	4.76	3.17	2.17	1.6	7.2	84.4	0.96	20.8	14,727	27.4	4.6	20.5	7.8	5.9	23.8
26.421	71.9	4	3:49 PM	83.3	8778	11.38	9.02	7.61	6.03	5	3.26	2.22	1.65	7.42	84.4	0.96	20.7	14,529	26.9	4.7	20.7	7.8	5.9	23.9
26.508	71.1	1	3:50 PM	82.8	6776	11.7	9.53	7.97	6.43	5.3	3.49	2.31	1.57	7.87	84.2	0.97	25.8	10,562	18.2	4.7	19.5	7.4	5.6	19.2
26.508	71.1	2	3:50 PM	82.8	6662	11.44	9.26	7.76	6.27	5.18	3.42	2.28	1.61	7.77	84.2	0.97	25.7	10,625	18.3	4.7	19.6	7.4	5.6	19.3
26.508	71.1	3	3:50 PM	82.8	8309	14.69	11.96	10.09	8.13	6.71	4.43	2.93	2.04	10.1	84.2	0.97	26.3	10,224	17.4	4.7	19.5	7.4	5.5	18.8
26.508	71.1	4	3:50 PM	82.8	8786	15.39	12.49	10.56	8.49	7.02	4.61	3.06	2.15	10.7	84.2	0.97	26.1	10,334	17.7	4.7	19.5	7.4	5.6	19.0
26.614	70.8	1	3:51 PM	83.6	6527	18.77	15.55	13.21	10.4	8.39	5.29	3.4	2.34	13.2	84.6	0.97	39.1	6,432	10.0	4.4	16.3	6.7	5.0	12.7
26.614	70.8	2	3:51 PM	83.6	6352	18.38	15.15	12.94	10.2	8.33	5.22	3.39	2.34	12.8	84.6	0.97	39.3	6,299	9.7	4.4	16.4	6.7	5.0	12.6
26.614	70.8	3	3:51 PM	83.6	8111	23.99	19.95	16.97	13.4	10.83	6.78	4.43	3.06	17	84.6	0.97	40.1	6,189	9.5	4.4	16.2	6.7	5.0	12.4
26.614	70.8	4	3:51 PM	83.6	8663	25.55	21.36	18.11	14.31	11.52	7.27	4.7	3.22	18.4	84.6	0.97	40.0	6,214	9.6	4.4	16.2	6.7	5.0	12.4

26.714	71.1	1	3:52 PM	82.9	6550	14.81	11.52	9.17	6.65	4.97	2.79	1.77	1.27	9.3	84.2	0.96	31.8	10,404	17.8	3.9	16.0	7.2	5.4	15.6
26.714	71.1	2	3:52 PM	82.9	6431	14.93	11.32	9.02	6.53	4.9	2.76	1.76	1.28	9.25	84.2	0.96	32.5	10,300	17.6	3.9	15.7	7.2	5.4	15.2
26.714	71.1	3	3:52 PM	82.9	8214	19.25	15.15	12.11	8.81	6.58	3.68	2.37	1.7	12.4	84.2	0.96	32.7	9,901	16.8	3.9	15.9	7.1	5.4	15.1
26.714	71.1	4	3:52 PM	82.9	8651	20.33	15.94	12.75	9.3	6.92	3.84	2.49	1.76	13.2	84.2	0.96	32.8	9,905	16.8	3.9	15.9	7.1	5.4	15.1
26.801	70.9	1	3:53 PM	82.4	6657	9.37	7.24	5.77	4.16	3.16	1.93	1.36	1.07	5.43	83.9	0.96	22.0	16,651	31.9	4.1	18.1	7.8	5.9	22.5
26.801	70.9	2	3:53 PM	82.4	6538	9.14	6.97	5.56	4.02	3.06	1.88	1.34	1.06	5.3	83.9	0.96	21.9	16,857	32.4	4.1	18.1	7.8	6.0	22.6
26.801	70.9	3	3:53 PM	82.4	8325	11.76	9.02	7.19	5.17	3.93	2.39	1.7	1.35	6.93	83.9	0.96	22.0	16,704	32.0	4.1	18.0	7.8	5.9	22.5
26.801	70.9	4	3:53 PM	82.4	8762	12.3	9.5	7.57	5.44	4.14	2.52	1.79	1.42	7.3	83.9	0.96	21.9	16,720	32.0	4.1	18.1	7.8	5.9	22.6
26.902	71.5	1	3:54 PM	81.7	6892	9.82	7.67	6.35	4.87	3.89	2.52	1.76	1.34	6.37	83.4	0.97	22.4	14,463	26.8	4.4	19.2	7.7	5.9	22.1
26.902	71.5	2	3:54 PM	81.7	6733	9.65	7.45	6.21	4.75	3.82	2.46	1.71	1.34	6.27	83.4	0.97	22.4	14,387	26.6	4.4	19.2	7.7	5.8	22.1
26.902	71.5	3	3:54 PM	81.7	8330	12.37	9.72	8.11	6.2	4.95	3.17	2.19	1.69	8.22	83.4	0.97	23.1	13,756	25.1	4.4	19.1	7.7	5.8	21.5
26.902	71.5	4	3:54 PM	81.7	8775	13.04	10.26	8.55	6.57	5.25	3.36	2.34	1.8	8.75	83.4	0.97	23.1	13,674	25.0	4.4	19.1	7.7	5.8	21.5
26.996	70.8	1	3:55 PM	82.2	6495	10.92	7.34	5.29	3.44	2.48	1.36	0.89	0.67	4.91	83.7	0.96	25.0	18,059	35.3	3.4	15.2	7.7	5.9	19.8
26.996	70.8	2	3:55 PM	82.2	6415	10.55	7.2	5.2	3.41	2.46	1.36	0.89	0.68	4.85	83.7	0.96	24.6	18,178	35.6	3.4	15.4	7.7	5.9	20.1
26.996	70.8	3	3:55 PM	82.2	8084	13.43	9.26	6.72	4.45	3.22	1.8	1.19	0.9	6.29	83.7	0.96	24.8	17,698	34.4	3.5	15.5	7.7	5.9	20.0
26.996	70.8	4	3:55 PM	82.2	8655	14.17	9.87	7.19	4.76	3.46	1.91	1.27	0.97	6.72	83.7	0.96	24.5	17,761	34.5	3.5	15.7	7.7	5.9	20.2
27.091	69.3	1	3:56 PM	79.7	6757	11.52	9.8	8.68	7.12	6.04	4.15	2.87	2.08	8.81	82.3	0.98	26.0	9,060	15.1	5.0	20.9	7.3	5.5	19.1
27.091	69.3	2	3:56 PM	79.7	6654	11.53	9.74	8.57	7.11	6	4.15	2.85	1.99	8.32	82.3	0.98	26.3	8,996	14.9	5.0	20.8	7.3	5.5	18.8
27.091	69.3	3	3:56 PM	79.7	8203	14.6	12.47	10.94	9.12	7.68	5.31	3.64	2.52	10.9	82.3	0.98	26.8	8,644	14.2	5.0	20.7	7.3	5.4	18.4
27.091	69.3	4	3:56 PM	79.7	8759	15.61	13.27	11.74	9.7	8.2	5.64	3.88	2.77	11.7	82.3	0.98	26.9	8,647	14.2	5.0	20.7	7.3	5.4	18.4
27.186	68.3	1	3:57 PM	78.0	6411	18.49	14.44	11.41	7.89	5.83	3.22	2.09	1.57	11.1	81.3	0.99	39.9	8,533	14.0	3.6	14.0	6.9	5.1	12.4
27.186	68.3	2	3:57 PM	78.0	6407	18.33	14.22	11.42	7.85	5.86	3.43	2.17	1.57	11.2	81.3	0.99	39.6	8,518	14.0	3.6	14.1	6.9	5.1	12.5
27.186	68.3	3	3:57 PM	78.0	7837	23.5	18.69	14.58	10.22	7.61	4.22	2.78	2.02	14.9	81.3	0.99	41.3	8,052	13.0	3.6	14.0	6.8	5.1	12.0
27.186	68.3	4	3:57 PM	78.0	8417	25.07	20.13	15.56	10.98	8.13	4.48	2.98	2.17	16	81.3	0.99	41.0	8,098	13.1	3.6	14.0	6.8	5.1	12.1
27.274	67.6	1	3:58 PM	79.1	6561	20.47	17.15	14.24	10.75	8.39	5.05	3.3	2.45	14.4	81.9	0.99	42.6	6,410	9.9	4.0	15.0	6.6	5.0	11.6
27.274	67.6	2	3:58 PM	79.1	6442	20.36	16.92	14.08	10.61	8.28	4.97	3.22	2.46	14.1	81.9	0.99	43.1	6,372	9.9	4.0	14.9	6.6	5.0	11.5
27.274	67.6	3	3:58 PM	79.1	7956	26.51	21.88	18.2	13.85	10.73	6.37	4.11	3.04	18.5	81.9	0.99	45.1	6,070	9.3	4.0	14.6	6.6	4.9	11.0
27.274	67.6	4	3:58 PM	79.1	8600	28.21	23.39	19.48	14.71	11.47	6.84	4.37	3.27	19.8	81.9	0.99	44.5	6,141	9.4	4.0	14.7	6.6	4.9	11.1
27.375	67.9	1	3:59 PM	81.7	6339	27.48	21.13	16.44	11.04	8.08	4.52	2.91	2.03	16.5	83.4	0.98	56.2	5,957	9.1	3.2	11.8	6.3	4.7	8.8
27.375	67.9	2	3:59 PM	81.7	6164	27.24	20.89	16.22	10.99	7.99	4.46	2.86	2.08	16.5	83.4	0.98	57.2	5,854	8.9	3.2	11.7	6.3	4.7	8.7
27.375	67.9	3	3:59 PM	81.7	7817	35.52	27.51	21.54	14.46	10.59	5.88	3.79	2.63	21.4	83.4	0.98	58.7	5,630	8.5	3.2	11.6	6.3	4.7	8.4
27.375	67.9	4	3:59 PM	81.7	8365	38.69	29.89	23.44	15.77	11.57	6.43	4.1	2.86	23.4	83.4	0.98	59.6	5,520	8.3	3.1	11.5	6.2	4.7	8.3
27.467	67.7	1	4:00 PM	81.7	6355	21.63	16.5	12.65	8.6	6.3	3.43	2.27	1.69	12.6	83.4	0.97	45.3	7,636	12.2	3.4	13.0	6.7	5.0	10.9
27.467	67.7	2	4:00 PM	81.7	6212	21.26	16.09	12.35	8.43	6.19	3.4	2.22	1.68	12.3	83.4	0.97	45.5	7,596	12.2	3.4	13.0	6.7	5.0	10.9
27.467	67.7	3	4:00 PM	81.7	7948	27.46	20.75	15.98	10.97	8.03	4.41	2.91	2.25	16.1	83.4	0.97	45.9	7,503	12.0	3.4	13.0	6.7	5.0	10.8
27.467	67.7	4	4:00 PM	81.7	8516	29.15	22.11	17.04	11.73	8.62	4.72	3.06	2.33	17.7	83.4	0.97	45.5	7,516	12.0	3.4	13.1	6.7	5.0	10.9
27.560	67.9	1	4:01 PM	81.3	6363	25.07	19.31	14.87	9.97	7.11	4.08	2.88	2.32	14.5	83.1	0.98	51.6	6,715	10.5	3.2	12.1	6.5	4.9	9.6
27.560	67.9	2	4:01 PM	81.3	6291	24.48	18.83	14.47	9.74	6.95	4.03	2.85	2.27	14.3	83.1	0.98	51.1	6,794	10.6	3.2	12.2	6.5	4.9	9.7
27.560	67.9	3	4:01 PM	81.3	7705	31.54	24.61	18.91	12.65	9.49	5.43	3.57	3.31	18.1	83.1	0.98	53.5	6,211	9.6	3.3	12.1	6.4	4.8	9.3
27.560	67.9	4	4:01 PM	81.3	8346	34.8	26.84	20.75	13.95	10.07	5.79	4.13	3.45	20.5	83.1	0.98	54.4	6,261	9.6	3.2	11.9	6.4	4.8	9.1
27.661	67.7	1	4:03 PM	81.8	5902	44.85	32.07	21.07	11.62	7.41	3.74	2.6	2.02	23.1	83.4	0.98	93.7	4,764	7.0	1.8	7.8	5.8	4.3	5.3
27.661	67.7	2	4:03 PM	81.8	5820	42.8	31.51	20.76	11.32	7.35	3.64	2.63	2.06	21.3	83.4	0.98	90.9	4,823	7.1	1.9	8.0	5.8	4.4	5.4
27.661	67.7	3	4:03 PM	81.8	7451	55.72	40.95	27.66	15.24	9.79	4.93	3.35	2.63	28.9	83.4	0.98	92.4	4,685	6.9	1.9	7.9	5.8	4.3	5.4
27.661	67.7	4	4:03 PM	81.8	8203	61.28	46.71	30.83	17.2	11	5.5	3.7	2.92	33.3	83.4	0.98	92.3	4,637	6.8	1.9	8.0	5.8	4.3	5.4

27.757	69.2	1	4:04 PM	82.0	5907	48.2	31.04	20.68	12.42	8.35	4.17	2.72	2.09	21.1	83.5	0.96	100.3	4,327	6.3	1.8	7.5	5.7	4.3	4.9
27.757	69.2	2	4:04 PM	82.0	5986	46.16	30.6	20.61	12.43	8.41	4.23	2.8	2.17	20.8	83.5	0.98	95.1	4,456	6.5	1.9	7.9	5.7	4.3	5.2
27.757	69.2	3	4:04 PM	82.0	7570	59.59	40.17	27.37	16.52	11.1	5.52	3.69	2.94	28.1	83.5	0.98	97.0	4,313	6.2	1.9	7.8	5.7	4.3	5.1
27.757	69.2	4	4:04 PM	82.0	8091	63.33	43.38	29.76	17.85	12.03	5.85	4.04	3.26	30.3	83.5	0.98	96.5	4,292	6.2	1.9	7.9	5.7	4.3	5.1
27.848	69.2	1	4:05 PM	82.2	5878	50.26	34.64	23.41	13.94	9.16	4.61	3.15	2.41	22.8	83.5	0.98	104.9	4,018	5.7	1.8	7.4	5.6	4.2	4.7
27.848	69.2	2	4:05 PM	82.2	5878	47.35	33.29	22.73	13.66	9	4.54	3.11	2.37	22.2	83.5	0.98	99.2	4,169	6.0	1.9	7.7	5.6	4.2	5.0
27.848	69.2	3	4:05 PM	82.2	7448	61.24	43.52	30.02	18.04	11.82	5.93	4	3.06	29.5	83.5	0.98	101.2	4,050	5.8	1.9	7.7	5.6	4.2	4.9
27.848	69.2	4	4:05 PM	82.2	8123	66.97	47.93	33.17	19.84	13.13	6.77	4.13	3.29	32.8	83.5	0.98	101.5	4,004	5.7	1.9	7.7	5.6	4.2	4.9
27.942	69.7	1	4:06 PM	80.5	6423	25.81	18.71	14.43	9.65	7.23	3.96	2.67	2.06	14.8	82.5	0.98	52.8	6,637	10.3	3.1	11.9	6.5	4.8	9.4
27.942	69.7	2	4:06 PM	80.5	6268	24.98	18.19	14.08	9.62	7.07	3.97	2.67	2.11	14.7	82.5	0.98	52.4	6,647	10.4	3.2	12.0	6.5	4.8	9.4
27.942	69.7	3	4:06 PM	80.5	7785	32.35	23.93	18.28	12.59	9.26	5.15	3.41	2.63	18.9	82.5	0.98	54.4	6,328	9.8	3.2	11.8	6.4	4.8	9.1
27.942	69.7	4	4:06 PM	80.5	8505	34.85	25.54	19.88	13.58	9.96	5.47	3.7	2.87	20.7	82.5	0.98	53.7	6,424	9.9	3.2	11.9	6.4	4.8	9.2
28.029	70.5	1	4:07 PM	79.7	6646	17.1	14.09	11.74	8.88	6.94	4.15	2.52	1.85	11.7	82.1	0.99	36.1	7,842	12.6	4.2	16.1	6.9	5.2	13.7
28.029	70.5	2	4:07 PM	79.7	6527	16.97	13.93	11.62	8.82	6.88	4.08	2.61	1.83	11.6	82.1	0.99	36.4	7,767	12.5	4.2	16.1	6.9	5.2	13.6
28.029	70.5	3	4:07 PM	79.7	8052	21.84	18	15.07	11.43	8.83	5.24	3.35	2.28	15.2	82.1	0.99	37.7	7,464	11.9	4.1	15.8	6.8	5.1	13.1
28.029	70.5	4	4:07 PM	79.7	8524	23.11	19.03	15.96	12.1	9.39	5.56	3.43	2.44	16.1	82.1	0.99	37.7	7,434	11.9	4.1	15.8	6.8	5.1	13.1
28.129	73.5		4:08 PM	80.1	6129	27.5	20.69	15.63	10.38	7.26	3.9	2.6	2.01	15.6	82.3	0.98	58.3	6,175	9.5	2.9	11.2	6.3	4.7	8.5
28.129	73.5		4:08 PM	80.1	6117	27.33	20.65	15.67	10.4	7.35	3.97	2.63	2.05	15.6	82.3	0.98	58.1	6,129	9.4	3.0	11.2	6.3	4.7	8.5
28.129	73.5		4:08 PM	80.1	7729	35.31	26.77	20.39	13.59	9.46	5.04	3.38	2.63	20.5	82.3	0.98	59.3	6,008	9.2	3.0	11.1	6.3	4.7	8.4
28.129	73.5		4:08 PM	80.1	8401	38.45	29.19	22.24	14.83	10.22	5.52	3.69	2.89	21.9	82.3	0.98	59.4	6,028	9.2	2.9	11.1	6.3	4.7	8.3
28.226	71.8		4:10 PM	80.4	5950	39.13	25.17	16.85	9.67	6.46	3.31	2.19	1.65	17.1	82.3	0.98	82.5	5,506	8.3	1.9	8.3	6.0	4.5	6.0
28.226	71.8		4:10 PM	80.4	5907	37.74	24.7	16.66	9.59	6.45	3.28	2.18	1.69	16.9	82.3	0.98	80.3	5,566	8.4	2.0	8.5	6.0	4.5	6.2
28.226	71.8		4:10 PM	80.4	7464	47.89	31.9	21.61	12.44	8.39	4.31	2.77	2.11	21.8	82.3	0.98	80.7	5,469	8.2	2.0	8.5	6.0	4.5	6.1
28.226	71.8		4:10 PM	80.4	8190	51.89	35.26	23.88	13.81	9.27	4.82	2.95	2.17	24.2	82.3	0.98	79.7	5,481	8.2	2.1	8.6	6.0	4.5	6.2
28.317	72.9		4:11 PM	80.9	6005	40.74	27.95	19.6	12.4	8.91	4.93	3.35	2.59	21.1	82.6	0.98	85.1	4,575	6.7	2.3	8.7	5.8	4.4	5.8
28.317	72.9		4:11 PM	80.9	5997	39.84	27.67	19.56	12.44	8.96	5.04	3.37	2.73	21.2	82.6	0.98	83.4	4,597	6.7	2.3	8.9	5.8	4.4	5.9
28.317	72.9		4:11 PM	80.9	7626	50.53	35.72	25.55	16.23	11.63	6.74	4.31	3.42	27.1	82.6	0.99	83.3	4,547	6.6	2.4	8.9	5.8	4.4	5.9
28.317	72.9		4:11 PM	80.9	8195	53.82	38.58	27.65	17.6	12.54	6.93	4.63	3.47	29	82.6	0.98	82.6	4,554	6.6	2.4	9.0	5.8	4.4	6.0
28.421	74.4		4:12 PM	80.0	6148	22.66	18.27	14.79	11.06	8.66	5.26	3.24	2.12	14	82.1	0.99	49.2	5,764	8.7	3.8	13.6	6.4	4.8	10.1
28.421	74.4		4:12 PM	80.0	6217	22.49	18.07	14.67	10.98	8.69	5.24	3.25	2.17	14	82.1	0.99	48.4	5,819	8.8	3.8	13.8	6.5	4.8	10.2
28.421	74.4		4:12 PM	80.0	7964	29.1	23.44	19.09	14.33	11.3	6.85	4.17	2.78	18.4	82.1	0.99	48.8	5,737	8.7	3.8	13.8	6.4	4.8	10.1
28.421	74.4		4:12 PM	80.0	8520	31.2	25.16	20.55	15.41	12.15	7.35	4.48	2.94	19.8	82.1	0.99	48.9	5,710	8.6	3.8	13.8	6.4	4.8	10.1
28.512	76.2		4:13 PM	80.0	6045	46.13	28.31	17.3	8.97	5.51	2.55	1.73	1.4	16.5	82.1	0.98	94.7	5,591	8.4	1.4	7.2	5.9	4.4	5.2
28.512	76.2		4:13 PM	80.0	6133	42.87	26.95	16.53	8.64	5.41	2.56	1.73	1.4	16.5	82.1	0.98	87.2	5,940	9.1	1.5	7.6	6.0	4.5	5.7
28.512	76.2		4:13 PM	80.0	7758	53.82	34.43	21.43	11.15	6.76	3.17	2.16	1.81	20.8	82.1	0.98	86.6	5,999	9.2	1.5	7.6	6.0	4.5	5.7
28.512	76.2		4:13 PM	80.0	8341	56.98	36.85	23.04	11.98	7.22	3.49	2.31	2.04	22.6	82.1	0.98	85.4	6,066	9.3	1.5	7.7	6.0	4.5	5.8
28.606	73.4		4:14 PM	79.5	6542	13.51	9.83	7.28	4.69	3.29	1.83	1.54	1.1	7.17	81.8	0.98	30.1	14,104	25.9	3.3	14.4	7.4	5.6	16.5
28.606	73.4		4:14 PM	79.5	6304	13.16	9.56	7.05	4.53	3.22	1.84	1.49	1.17	7	81.8	0.98	30.4	13,912	25.5	3.3	14.4	7.4	5.6	16.3
28.606	73.4		4:14 PM	79.5	8107	16.92	12.35	9.04	5.67	4.12	2.41	1.71	1.54	9.06	81.8	0.98	30.3	13,956	25.6	3.3	14.4	7.4	5.6	16.3
28.606	73.4		4:14 PM	79.5	8555	17.77	12.94	9.52	6.15	4.35	2.44	1.96	1.48	9.66	81.8	0.98	30.2	13,978	25.6	3.3	14.4	7.4	5.6	16.4
28.694	72.9		4:15 PM	78.4	6895	6.23	4.72	3.99	3.2	2.67	1.81	1.3	1.01	4.07	81.1	0.99	16.7	21,247	43.2	4.5	20.9	8.2	6.3	29.6
28.694	72.9		4:15 PM	78.4	6709	6.11	4.7	3.94	3.18	2.63	1.8	1.3	1.01	3.97	81.1	0.99	16.8	21,127	42.9	4.5	20.8	8.1	6.3	29.5
28.694	72.9		4:15 PM	78.4	8441	7.76	5.92	5.04	4.04	3.36	2.27	1.61	1.24	5.19	81.1	0.99	16.9	20,802	42.1	4.5	20.9	8.1	6.3	29.3
28.694	72.9		4:15 PM	78.4	8786	8.08	6.16	5.24	4.18	3.49	2.35	1.69	1.31	5.38	81.1	0.99	16.9	20,848	42.2	4.5	20.8	8.1	6.3	29.3

28.790	72.9	4:16 PM	76.7	6590	12.28	9.41	7.46	5.37	4.09	2.26	1.3	0.87	7.52	80.1	1.00	28.2	12,695	22.8	3.8	16.3	7.4	5.6	17.5
28.790	72.9	4:16 PM	76.7	6490	12.07	9.29	7.4	5.32	4.04	2.24	1.27	0.9	7.38	80.1	1.00	28.2	12,673	22.7	3.9	16.3	7.4	5.6	17.6
28.790	72.9	4:16 PM	76.7	8163	15.23	11.96	9.55	6.96	5.28	2.89	1.72	1.13	9.57	80.1	1.00	28.3	12,304	21.9	3.9	16.5	7.4	5.6	17.5
28.790	72.9	4:16 PM	76.7	8687	16.22	12.71	10.18	7.39	5.65	3.13	1.8	1.27	10.2	80.1	1.00	28.3	12,250	21.8	3.9	16.5	7.4	5.6	17.5
28.882	70.8	4:18 PM	76.2	6662	11.64	9.22	7.59	5.6	4.33	2.44	1.6	1.02	7.48	79.8	1.00	26.9	12,431	22.2	4.1	17.2	7.4	5.6	18.4
28.882	70.8	4:18 PM	76.2	6530	11.39	9.06	7.44	5.5	4.25	2.41	1.57	1.06	7.34	79.8	1.00	26.9	12,421	22.2	4.1	17.3	7.4	5.6	18.4
28.882	70.8	4:18 PM	76.2	8099	14.54	11.61	9.54	7.08	5.47	3.13	1.99	1.38	9.44	79.8	1.00	27.5	11,988	21.2	4.1	17.2	7.4	5.6	18.0
28.882	70.8	4:18 PM	76.2	8587	15.4	12.3	10.1	7.51	5.8	3.33	2.08	1.5	10	79.8	1.00	27.5	11,989	21.2	4.1	17.2	7.4	5.6	18.0
28.980	70.2	4:19 PM	75.5	6376	18.74	14.1	10.99	7.6	5.65	2.99	1.8	1.28	11.3	79.4	1.00	41.2	8,638	14.2	3.4	13.5	6.8	5.1	12.0
28.980	70.2	4:19 PM	75.5	6249	18.02	13.67	10.66	7.39	5.5	2.91	1.79	1.26	10.9	79.4	1.00	40.5	8,731	14.4	3.4	13.7	6.9	5.1	12.2
28.980	70.2	4:19 PM	75.5	7912	22.96	17.52	13.73	9.54	7.1	3.79	2.31	1.64	14.1	79.4	1.00	40.7	8,597	14.1	3.5	13.7	6.9	5.1	12.2
28.980	70.2	4:19 PM	75.5	8516	24.54	18.76	14.7	10.22	7.59	4.07	2.48	1.77	15.1	79.4	1.00	40.5	8,657	14.2	3.5	13.7	6.9	5.1	12.2
29.076	72	4:20 PM	73.2	6569	17.31	14.43	12.15	9.25	7.26	4.37	2.83	2.05	11.9	78.1	1.01	37.9	7,433	11.8	4.1	15.8	6.8	5.1	13.1
29.076	72	4:20 PM	73.2	6403	17	14.06	11.87	8.97	7.13	4.14	2.71	2.03	11.8	78.1	1.01	38.1	7,377	11.7	4.1	15.7	6.8	5.1	13.0
29.076	72	4:20 PM	73.2	8031	21.93	18.25	15.31	11.71	9.13	5.61	3.66	2.63	15.4	78.1	1.01	39.0	7,222	11.4	4.1	15.5	6.8	5.1	12.7
29.076	72	4:20 PM	73.2	8505	23.58	19.57	16.42	12.57	9.78	6.02	3.93	2.8	16.5	78.1	1.01	39.5	7,137	11.3	4.1	15.4	6.8	5.1	12.5
29.166	70.1	4:21 PM	75.6	6268	23.86	18.09	14.28	10.1	7.49	4.17	2.62	1.97	14.8	79.4	1.00	51.4	6,485	10.1	3.3	12.4	6.5	4.8	9.6
29.166	70.1	4:21 PM	75.6	6169	23.46	17.83	14.13	10.03	7.45	4.13	2.69	2.06	14.6	79.4	1.00	51.4	6,439	10.0	3.3	12.4	6.5	4.8	9.6
29.166	70.1	4:21 PM	75.6	7662	30.39	23.29	18.37	13.2	9.82	5.33	3.37	2.41	18.9	79.4	1.00	53.3	6,097	9.3	3.3	12.3	6.4	4.8	9.3
29.166	70.1	4:21 PM	75.6	8285	32.73	25.1	19.92	14.26	10.62	5.8	3.7	2.73	20.2	79.4	1.00	53.1	6,103	9.4	3.3	12.3	6.4	4.8	9.3
29.277	73.5	4:23 PM	75.4	6482	14.24	12.28	10.59	8.18	6.57	4.04	2.65	1.74	10.4	79.3	1.01	32.4	8,139	13.2	4.5	17.7	7.0	5.3	15.3
29.277	73.5	4:23 PM	75.4	6379	14.86	12.13	10.47	8.11	6.48	4	2.64	1.72	10.5	79.3	1.01	33.9	8,149	13.2	4.3	16.9	7.0	5.2	14.6
29.277	73.5	4:23 PM	75.4	7901	18.67	15.64	13.51	10.5	8.39	5.21	3.43	2.24	13.6	79.3	1.01	34.3	7,784	12.5	4.4	17.0	7.0	5.2	14.4
29.277	73.5	4:23 PM	75.4	8433	20	16.71	14.44	11.21	8.98	5.57	3.65	2.43	14.5	79.3	1.01	34.4	7,763	12.5	4.4	17.0	7.0	5.2	14.4
29.358	71.5	4:24 PM	73.7	6840	10.43	9.16	8.02	6.58	5.51	3.72	2.58	1.85	7.71	78.3	1.01	24.6	10,037	17.1	5.0	21.0	7.4	5.6	20.1
29.358	71.5	4:24 PM	73.7	6773	10.78	9.13	7.99	6.57	5.5	3.73	2.59	1.87	7.78	78.3	1.01	25.4	10,027	17.0	4.9	20.4	7.4	5.6	19.5
29.358	71.5	4:24 PM	73.7	8436	13.79	11.85	10.39	8.54	7.14	4.8	3.35	2.38	10.2	78.3	1.01	25.9	9,594	16.1	4.9	20.4	7.4	5.5	19.1
29.358	71.5	4:24 PM	73.7	8770	14.33	12.35	10.82	8.9	7.44	5.02	3.48	2.49	10.7	78.3	1.01	25.9	9,566	16.1	4.9	20.5	7.4	5.5	19.1
29.466	71.5	4:25 PM	75.8	6201	23.84	17.74	13.31	8.93	6.33	3.39	2.17	1.7	13.3	79.5	1.00	51.9	7,181	11.4	3.0	11.7	6.5	4.9	9.5
29.466	71.5	4:25 PM	75.8	6244	23.31	17.29	13	8.74	6.23	3.37	2.2	1.66	13.1	79.5	1.00	50.5	7,364	11.7	3.0	11.9	6.6	4.9	9.8
29.466	71.5	4:25 PM	75.8	7956	29.74	22.2	16.78	11.33	8.08	4.33	2.79	2.15	17	79.5	1.00	50.6	7,278	11.6	3.1	11.9	6.6	4.9	9.8
29.466	71.5	4:25 PM	75.8	8539	31.86	23.89	18.06	12.23	8.69	4.64	2.97	2.35	18.3	79.5	1.00	50.5	7,273	11.5	3.1	12.0	6.6	4.9	9.8
29.552	73.1	4:26 PM	75.2	6538	15.61	12.65	10.53	7.92	6.1	3.52	2.12	1.49	10.7	79.2	1.01	34.7	8,733	14.4	4.0	16.0	7.0	5.3	14.3
29.552	73.1	4:26 PM	75.2	6411	15.57	12.52	10.4	7.85	6.05	3.5	2.13	1.49	10.6	79.2	1.01	35.2	8,626	14.2	4.0	15.8	7.0	5.2	14.1
29.552	73.1	4:26 PM	75.2	8068	19.81	16.25	13.55	10.24	7.9	4.56	2.78	1.94	13.9	79.2	1.01	35.5	8,345	13.6	4.1	16.0	7.0	5.2	14.0
29.552	73.1	4:26 PM	75.2	8587	21.14	17.27	14.37	10.88	8.39	4.83	2.95	2.03	14.8	79.2	1.01	35.6	8,357	13.7	4.1	15.9	7.0	5.2	13.9
29.647	72.5	4:27 PM	73.9	6749	9.97	8.03	6.63	5.41	4.41	2.87	1.94	1.35	6.76	78.4	1.01	24.0	12,661	22.7	4.5	19.1	7.6	5.7	20.6
29.647	72.5	4:27 PM	73.9	6561	9.77	7.86	6.69	5.32	4.33	2.85	1.93	1.36	6.62	78.4	1.01	24.2	12,534	22.4	4.5	19.1	7.6	5.7	20.5
29.647	72.5	4:27 PM	73.9	6142	12.38	10.23	8.7	6.94	5.65	3.68	2.51	1.75	8.7	78.4	1.01	24.5	11,899	21.0	4.5	19.3	7.5	5.7	20.2
29.647	72.5	4:27 PM	73.9	8714	13.35	10.83	9.24	7.36	6.01	3.93	2.64	1.89	9.29	78.4	1.01	24.7	11,983	21.2	4.5	19.2	7.5	5.7	20.1
29.740	70.1	4:28 PM	72.2	6887	10.78	9	7.8	6.27	5.2	3.34	2.18	1.53	7.7	77.3	1.02	25.3	10,876	18.8	4.7	19.6	7.5	5.6	19.6
29.740	70.1	4:28 PM	72.2	6725	10.62	8.83	7.65	6.15	5.1	3.27	2.15	1.5	7.59	77.3	1.02	25.5	10,835	18.7	4.7	19.6	7.4	5.6	19.4
29.740	70.1	4:28 PM	72.2	8306	13.67	11.46	9.94	8.01	6.63	4.23	2.77	1.91	9.84	77.3	1.02	26.2	10,281	17.6	4.7	19.5	7.4	5.5	18.9
29.740	70.1	4:28 PM	72.2	8667	14.47	12.1	10.49	8.45	7	4.48	2.92	2.04	10.4	77.3	1.02	26.5	10,164	17.3	4.7	19.4	7.4	5.5	18.7

29.840	71.7	4:29 PM	73.9	6633	15.67	12.97	10.82	8.25	6.43	3.96	2.58	1.93	10.5	78.3	1.01	34.6	8,457	13.8	4.1	16.3	7.0	5.2	14.3
29.840	71.7	4:29 PM	73.9	6482	15.52	12.84	10.71	8.17	6.38	3.94	2.57	1.89	10.4	78.3	1.01	35.0	8,331	13.6	4.1	16.2	7.0	5.2	14.2
29.840	71.7	4:29 PM	73.9	7933	19.86	16.48	13.78	10.58	8.22	4.96	3.25	2.3	13.4	78.3	1.01	36.3	7,919	12.8	4.1	16.0	6.9	5.2	13.6
29.840	71.7	4:29 PM	73.9	8484	21.18	17.61	14.72	11.28	8.78	5.33	3.47	2.47	14.4	78.3	1.01	36.2	7,930	12.8	4.1	16.0	6.9	5.2	13.7
29.929	73.5	4:30 PM	74.4	6280	22.98	19.18	15.69	11.58	8.81	4.99	3.01	2	15.7	78.5	1.01	49.9	5,790	8.8	3.7	13.4	6.4	4.8	9.9
29.929	73.5	4:30 PM	74.4	6113	22.3	18.47	15.11	11.15	8.5	4.85	2.98	1.97	15.2	78.5	1.01	49.8	5,836	8.9	3.7	13.4	6.4	4.8	9.9
29.929	73.5	4:30 PM	74.4	7798	28.69	23.74	19.45	14.43	11.01	6.28	3.86	2.54	19.6	78.5	1.01	50.2	5,754	8.7	3.7	13.4	6.4	4.8	9.9
29.929	73.5	4:30 PM	74.4	8508	31.29	25.78	21.11	15.66	11.94	6.82	4.15	2.81	21.4	78.5	1.01	50.1	5,784	8.8	3.7	13.4	6.4	4.8	9.9
30.026	72.8	4:31 PM	72.1	6646	13.7	11.32	9.59	7.53	6.04	3.72	2.31	1.56	8.94	77.2	1.02	31.2	9,104	15.1	4.3	17.4	7.1	5.4	15.8
30.026	72.8	4:31 PM	72.1	6434	13.33	10.96	9.3	7.3	5.86	3.6	2.26	1.56	8.73	77.2	1.02	31.4	9,086	15.1	4.3	17.3	7.1	5.3	15.8
30.026	72.8	4:31 PM	72.1	8052	17.23	14.31	12.16	9.57	7.7	4.77	2.96	1.98	11.5	77.2	1.02	32.2	8,646	14.2	4.3	17.3	7.1	5.3	15.4
30.026	72.8	4:31 PM	72.1	8640	18.44	15.29	13	10.24	8.23	5.08	3.16	2.14	12.3	77.2	1.02	32.1	8,681	14.3	4.3	17.3	7.1	5.3	15.4
30.116	69.3	4:32 PM	72.7	6641	13.52	11.09	9.45	7.37	5.93	3.7	2.43	1.79	9.41	77.6	1.02	30.9	9,269	15.5	4.3	17.4	7.2	5.4	16.0
30.116	69.3	4:32 PM	72.7	6558	13.33	10.94	9.32	7.3	5.87	3.63	2.5	1.76	9.3	77.6	1.02	30.8	9,245	15.4	4.3	17.5	7.2	5.4	16.1
30.116	69.3	4:32 PM	72.7	8004	16.75	14.06	11.99	9.38	7.53	4.67	3.15	2.24	12	77.6	1.02	31.5	8,786	14.5	4.4	17.5	7.1	5.3	15.7
30.116	69.3	4:32 PM	72.7	8608	18.18	15.08	12.86	10.05	8.06	5.01	3.32	2.41	12.9	77.6	1.02	31.8	8,811	14.6	4.3	17.4	7.1	5.3	15.6
30.214	68.5	4:33 PM	73.9	6673	12.99	10.54	8.78	6.81	5.5	3.67	2.64	2	8.5	78.1	1.01	29.7	9,974	16.9	4.3	17.5	7.2	5.4	16.7
30.214	68.5	4:33 PM	73.9	6527	12.64	10.37	8.66	6.77	5.46	3.63	2.67	2.02	8.46	78.1	1.01	29.9	9,831	16.6	4.3	17.5	7.2	5.4	16.5
30.214	68.5	4:33 PM	73.9	8020	16.63	13.43	11.23	8.75	7.07	4.67	3.39	2.55	11	78.1	1.01	31.2	9,328	15.6	4.3	17.2	7.2	5.4	15.9
30.214	68.5	4:33 PM	73.9	8611	17.79	14.36	12.03	9.4	7.58	5.01	3.63	2.73	11.9	78.1	1.01	31.1	9,343	15.6	4.3	17.2	7.2	5.4	15.9
30.304	69	4:34 PM	74.2	6646	17.66	13.39	10.64	7.58	5.81	3.47	2.4	1.8	10.7	78.3	1.01	38.1	8,983	14.9	3.6	14.3	6.9	5.2	13.0
30.304	69	4:34 PM	74.2	6503	17.36	13.27	10.53	7.53	5.77	3.46	2.39	1.81	10.5	78.3	1.01	38.3	8,875	14.7	3.6	14.3	6.9	5.2	12.9
30.304	69	4:34 PM	74.2	7925	22.14	17.05	13.57	9.69	7.43	4.47	3.03	2.28	13.5	78.3	1.01	39.8	8,420	13.8	3.6	14.2	6.9	5.1	12.4
30.304	69	4:34 PM	74.2	8528	23.82	19.3	14.6	10.43	8	4.81	3.24	2.44	14.7	78.3	1.01	39.8	8,417	13.8	3.6	14.2	6.9	5.1	12.5
30.404	68.6	4:35 PM	74.8	6530	18.58	15.37	12.5	8.77	6.27	3.16	1.96	1.56	11.9	78.6	1.01	40.3	8,233	13.4	3.6	14.1	6.8	5.1	12.3
30.404	68.6	4:35 PM	74.8	6399	18.23	15.07	12.26	8.61	6.15	3.11	1.98	1.56	11.7	78.6	1.01	40.4	8,225	13.4	3.6	14.1	6.8	5.1	12.3
30.404	68.6	4:35 PM	74.8	7901	23.6	19.52	15.91	11.22	8.01	4.02	2.5	1.99	15.2	78.6	1.01	42.0	7,809	12.6	3.6	13.9	6.8	5.1	11.8
30.404	68.6	4:35 PM	74.8	8449	25.17	20.8	16.93	11.96	8.55	4.29	2.69	2.14	16.1	78.6	1.01	41.9	7,825	12.6	3.6	13.9	6.8	5.1	11.8
30.496	68	4:36 PM	75.7	6538	9.39	7.75	6.63	5.33	4.39	2.98	2.12	1.57	6.65	79.1	1.01	23.4	12,272	21.8	4.6	20.0	7.6	5.7	21.2
30.496	68	4:36 PM	75.7	6466	9.45	7.69	6.58	5.29	4.37	2.97	2.12	1.56	6.59	79.1	1.01	23.7	12,204	21.7	4.6	19.8	7.6	5.7	20.9
30.496	68	4:36 PM	75.7	8266	12.04	9.95	8.54	6.88	5.68	3.85	2.76	2.04	8.56	79.1	1.01	23.6	11,981	21.2	4.7	20.0	7.6	5.7	21.0
30.496	68	4:36 PM	75.7	8651	12.52	10.4	8.93	7.2	5.94	4.03	2.89	2.14	8.96	79.1	1.01	23.5	11,983	21.2	4.7	20.1	7.6	5.7	21.1
30.596	69.3	4:37 PM	74.3	6450	13.78	10.62	8.28	5.91	4.38	2.58	1.72	1.26	8.35	78.3	1.01	32.0	11,454	20.1	3.6	15.1	7.2	5.4	15.5
30.596	69.3	4:37 PM	74.3	6384	13.57	10.54	8.23	5.86	4.38	2.58	1.74	1.28	8.23	78.3	1.01	31.8	11,386	19.9	3.7	15.2	7.2	5.4	15.6
30.596	69.3	4:37 PM	74.3	7960	17.59	13.61	10.67	7.64	5.72	3.39	2.26	1.66	10.7	78.3	1.01	32.8	10,894	18.9	3.7	15.1	7.2	5.4	15.1
30.596	69.3	4:37 PM	74.3	8571	18.72	14.57	11.44	8.22	6.14	3.64	2.43	1.79	11.5	78.3	1.01	32.5	10,953	19.0	3.7	15.2	7.2	5.4	15.2
30.687	70.5	4:38 PM	74.0	6431	17.85	13.83	10.68	7.31	5.44	2.98	1.85	1.39	10.3	78.2	1.02	39.6	9,080	15.1	3.4	13.7	6.9	5.2	12.5
30.687	70.5	4:38 PM	74.0	6363	17.61	13.67	10.56	7.25	5.39	2.95	1.85	1.39	10.2	78.2	1.02	39.5	9,079	15.1	3.4	13.7	6.9	5.2	12.5
30.687	70.5	4:38 PM	74.0	7885	22.67	17.7	13.76	9.48	7.04	3.85	2.43	1.81	13.3	78.2	1.01	40.8	8,652	14.2	3.4	13.6	6.9	5.1	12.1
30.687	70.5	4:38 PM	74.0	8460	24.34	19.06	14.84	10.24	7.61	4.15	2.61	1.96	14.4	78.2	1.01	40.8	8,605	14.1	3.5	13.7	6.9	5.1	12.1
30.786	70.8	4:39 PM	73.3	6399	22.73	18.28	14.93	10.93	8.43	4.95	3.2	2.19	14.8	77.7	1.01	48.9	6,130	9.4	3.6	13.4	6.5	4.9	10.1
30.786	70.8	4:39 PM	73.3	6283	22.71	17.9	14.62	10.74	8.31	4.9	3.17	2.16	14.5	77.7	1.01	49.7	6,089	9.3	3.6	13.2	6.5	4.8	10.0
30.786	70.8	4:39 PM	73.3	7705	28.58	22.79	18.67	13.75	10.63	6.27	4.04	2.76	18.5	77.7	1.01	50.8	5,856	8.9	3.6	13.1	6.4	4.8	9.7
30.786	70.8	4:39 PM	73.3	8298	30.09	24.3	19.93	14.71	11.36	6.69	4.35	3	19.8	77.7	1.01	49.8	5,918	9.0	3.7	13.3	6.4	4.8	9.9

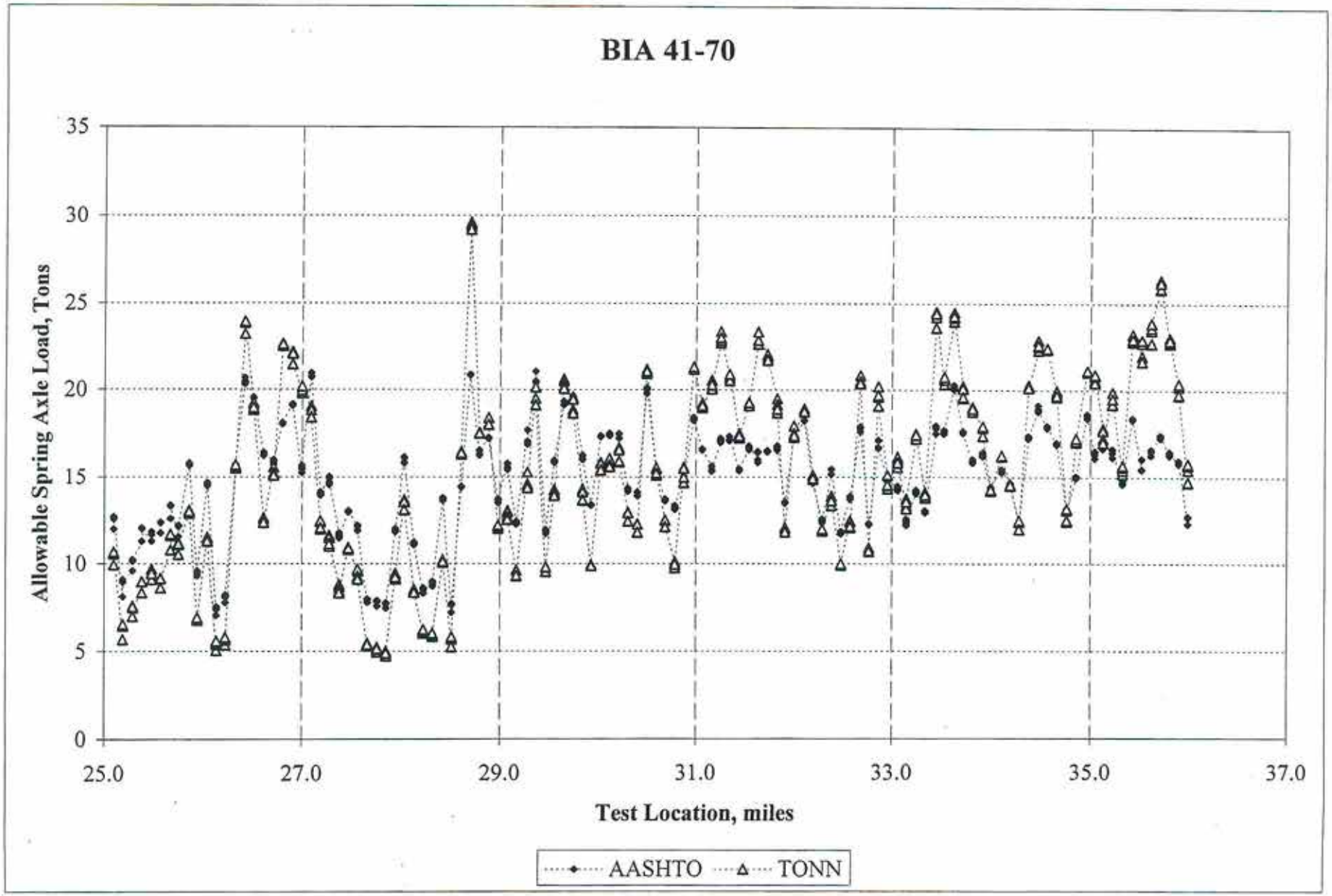
30.878	70.4	4:40 PM	75.1	6614	14.08	10.76	8.13	5.72	4.35	2.68	1.85	1.32	7.83	78.7	1.01	31.8	11,727	20.6	3.6	15.1	7.3	5.5	15.6
30.878	70.4	4:40 PM	75.1	6455	13.82	10.44	7.93	5.6	4.27	2.65	1.85	1.33	7.8	78.7	1.01	31.9	11,660	20.5	3.6	15.0	7.2	5.5	15.5
30.878	70.4	4:40 PM	75.1	7909	18.15	13.39	10.18	7.23	5.5	3.41	2.32	1.7	10.1	78.7	1.01	33.7	11,025	19.1	3.5	14.6	7.2	5.4	14.7
30.878	70.4	4:40 PM	75.1	8436	18.89	14.17	10.81	7.68	5.84	3.61	2.47	1.8	10.7	78.7	1.01	33.1	11,143	19.4	3.6	14.8	7.2	5.4	15.0
30.977	70.5	4:41 PM	74.1	6582	9.25	7.22	5.96	4.55	3.64	2.33	1.62	1.21	6.05	78.1	1.02	23.3	14,748	27.4	4.2	18.3	7.7	5.8	21.3
30.977	70.5	4:41 PM	74.1	6458	9.09	7.1	5.84	4.45	3.59	2.32	1.61	1.22	5.95	78.1	1.02	23.3	14,679	27.3	4.2	18.3	7.7	5.8	21.3
30.977	70.5	4:41 PM	74.1	8147	11.54	9	7.48	5.8	4.6	3	2.12	1.49	7.63	78.1	1.02	23.4	14,470	26.8	4.2	18.3	7.7	5.8	21.2
30.977	70.5	4:41 PM	74.1	8687	12.19	9.53	7.93	6.14	4.89	3.19	2.24	1.58	8.1	78.1	1.02	23.2	14,526	26.9	4.2	18.4	7.7	5.8	21.3
31.067	68.5	4:42 PM	75.0	6538	10.65	8.11	6.38	4.59	3.53	2.15	1.5	1.13	6.34	78.6	1.01	25.8	14,574	27.0	3.8	16.5	7.6	5.7	19.2
31.067	68.5	4:42 PM	75.0	6399	10.35	7.87	6.21	4.47	3.44	2.11	1.48	1.13	6.18	78.6	1.01	25.7	14,648	27.2	3.8	16.6	7.6	5.7	19.3
31.067	68.5	4:42 PM	75.0	8031	13.26	10.13	7.99	5.78	4.46	2.75	1.93	1.46	8	78.6	1.01	26.1	14,223	26.2	3.8	16.6	7.5	5.7	19.0
31.067	68.5	4:42 PM	75.0	8616	14.11	10.75	8.5	6.16	4.74	2.93	2.06	1.56	8.54	78.6	1.01	25.9	14,353	26.5	3.8	16.6	7.5	5.7	19.1
31.163	67.2	4:43 PM	73.5	6709	10.09	7.14	5.42	3.81	2.82	1.54	0.94	0.66	5.71	77.8	1.03	24.6	17,760	34.5	3.5	15.6	7.7	5.9	20.1
31.163	67.2	4:43 PM	73.5	6561	9.58	6.74	5.08	3.58	2.65	1.48	0.93	0.65	5.35	77.8	1.03	24.1	18,416	36.1	3.5	15.6	7.7	5.9	20.5
31.163	67.2	4:43 PM	73.5	8084	12.21	8.58	6.49	4.42	3.26	1.82	1.14	0.8	6.79	77.8	1.03	24.7	18,213	35.6	3.4	15.3	7.7	5.9	20.0
31.163	67.2	4:43 PM	73.5	8568	12.73	9	6.82	4.65	3.41	1.91	1.19	0.85	7.12	77.8	1.03	24.4	18,477	36.3	3.4	15.4	7.7	5.9	20.3
31.255	65.9	4:44 PM	75.2	6760	8.74	6.43	5.07	3.62	2.77	1.62	1.04	0.75	5.06	78.7	1.01	21.8	18,965	37.5	3.8	17.0	7.8	6.0	22.7
31.255	65.9	4:44 PM	75.2	6641	8.23	6.02	4.76	3.42	2.62	1.56	1.02	0.75	4.78	78.7	1.01	21.2	19,723	39.4	3.8	17.1	7.9	6.1	23.3
31.255	65.9	4:44 PM	75.2	8163	10.46	7.61	6.04	4.35	3.36	2.01	1.32	0.99	6.04	78.7	1.01	21.7	18,953	37.5	3.8	17.1	7.8	6.0	22.8
31.255	65.9	4:44 PM	75.2	8611	10.92	7.99	6.35	4.59	3.56	2.14	1.43	1.07	6.34	78.7	1.01	21.5	18,948	37.4	3.8	17.2	7.8	6.0	23.0
31.344	65.6	4:45 PM	74.7	6622	9.68	7.57	5.98	4.32	3.34	1.96	1.27	0.92	5.98	78.4	1.02	23.9	15,761	29.8	3.9	17.1	7.7	5.8	20.7
31.344	65.6	4:45 PM	74.7	6431	9.39	7.32	5.77	4.19	3.22	1.89	1.25	0.93	5.78	78.4	1.02	23.9	15,853	30.0	3.9	17.1	7.7	5.8	20.7
31.344	65.6	4:45 PM	74.7	8060	11.93	9.24	7.33	5.34	4.11	2.43	1.61	1.19	7.37	78.4	1.02	24.1	15,583	29.4	3.9	17.1	7.7	5.8	20.5
31.344	65.6	4:45 PM	74.7	8576	12.39	9.78	7.74	5.65	4.37	2.59	1.7	1.27	7.82	78.4	1.02	23.7	15,681	29.6	4.0	17.3	7.7	5.8	20.9
31.445	65.2	4:46 PM	74.3	6593	12.06	8.86	6.94	4.76	3.59	2.12	1.53	1.19	7.19	78.2	1.02	28.4	14,001	25.7	3.6	15.4	7.4	5.6	17.5
31.445	65.2	4:46 PM	74.3	6419	11.7	8.61	6.74	4.65	3.51	2.1	1.52	1.19	6.98	78.2	1.02	28.3	13,977	25.6	3.6	15.4	7.4	5.6	17.5
31.445	65.2	4:46 PM	74.3	7901	14.69	10.87	8.52	5.89	4.46	2.66	1.93	1.5	8.82	78.2	1.02	28.7	13,590	24.8	3.6	15.4	7.4	5.6	17.2
31.445	65.2	4:46 PM	74.3	8505	15.67	11.59	9.11	6.3	4.79	2.87	2.07	1.62	9.44	78.2	1.02	28.5	13,650	24.9	3.6	15.5	7.4	5.6	17.4
31.545	64.9	4:47 PM	74.3	6601	10.72	8.11	6.39	4.63	3.6	2.32	1.67	1.32	6.32	78.2	1.02	25.9	14,478	26.8	3.8	16.6	7.6	5.7	19.1
31.545	64.9	4:47 PM	74.3	6399	10.28	7.79	6.14	4.5	3.49	2.28	1.65	1.31	6.09	78.2	1.02	25.7	14,517	26.9	3.9	16.7	7.6	5.7	19.3
31.545	64.9	4:47 PM	74.3	7893	12.87	9.79	7.75	5.67	4.42	2.88	2.09	1.64	7.71	78.2	1.02	25.9	14,179	26.1	3.9	16.7	7.5	5.7	19.1
31.545	64.9	4:47 PM	74.3	8468	13.63	10.33	8.2	6.02	4.7	3.09	2.23	1.75	8.2	78.2	1.02	25.7	14,320	26.4	3.9	16.8	7.6	5.7	19.3
31.636	63.5	4:48 PM	74.4	6693	8.61	6.09	4.6	3.13	2.3	1.3	0.83	0.62	4.57	78.2	1.02	21.9	21,377	43.5	3.4	15.9	7.9	6.1	22.6
31.636	63.5	4:48 PM	74.4	6495	8.24	5.83	4.43	3.02	2.25	1.28	0.87	0.62	4.41	78.2	1.02	21.7	21,374	43.5	3.5	16.0	7.9	6.1	22.8
31.636	63.5	4:48 PM	74.4	8084	9.94	7.39	5.61	3.88	2.89	1.67	1.11	0.83	5.61	78.2	1.02	21.2	21,163	43.0	3.6	16.5	7.9	6.1	23.3
31.636	63.5	4:48 PM	74.4	8544	10.52	7.69	5.87	4.05	3.03	1.77	1.17	0.87	5.85	78.2	1.02	21.2	21,267	43.3	3.6	16.4	7.9	6.1	23.3
31.734	66.5	4:49 PM	73.7	6765	9.06	7.07	5.45	3.72	2.75	1.59	1.11	0.86	5.39	77.8	1.02	22.6	18,871	37.3	3.6	16.4	7.8	6.0	21.9
31.734	66.5	4:49 PM	73.7	6474	8.61	6.72	5.19	3.53	2.63	1.56	1.09	0.86	5.15	77.8	1.02	22.5	18,920	37.4	3.7	16.5	7.8	6.0	22.0
31.734	66.5	4:49 PM	73.7	7991	10.83	8.42	6.52	4.48	3.34	1.98	1.4	1.11	6.5	77.8	1.02	22.8	18,443	36.2	3.7	16.5	7.8	6.0	21.7
31.734	66.5	4:49 PM	73.7	8651	11.74	8.97	6.96	4.78	3.58	2.13	1.5	1.18	6.98	77.8	1.02	22.8	18,563	36.5	3.6	16.4	7.8	6.0	21.7
31.833	65.9	4:50 PM	73.0	6704	10.47	8.35	6.69	4.8	3.65	2.09	1.39	1.11	6.78	77.3	1.03	25.4	14,636	27.2	3.9	16.8	7.6	5.8	19.5
31.833	65.9	4:50 PM	73.0	6527	10.45	8.16	6.55	4.71	3.59	2.07	1.39	1.1	6.62	77.3	1.03	25.8	14,437	26.7	3.8	16.6	7.6	5.7	19.2
31.833	65.9	4:50 PM	73.0	8031	13.29	10.46	8.42	6.06	4.6	2.64	1.78	1.37	8.55	77.3	1.03	26.5	13,889	25.4	3.8	16.5	7.5	5.7	18.7
31.833	65.9	4:50 PM	73.0	8555	13.95	11.12	8.95	6.47	4.92	2.84	1.91	1.48	9.11	77.3	1.03	26.2	13,894	25.5	3.9	16.7	7.5	5.7	18.9

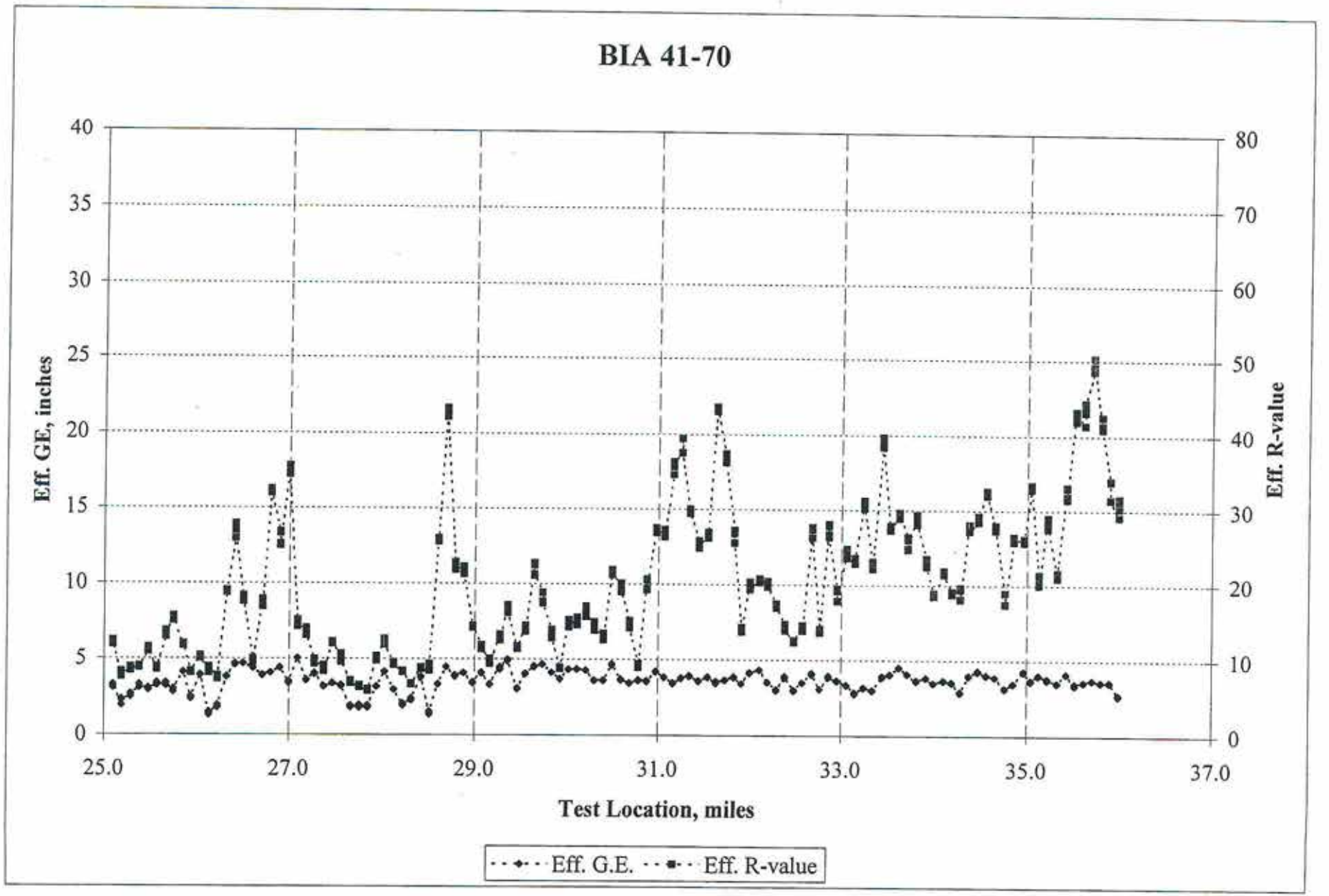
31.913	68	4:51 PM	73.3	6320	18.22	14.02	10.96	7.59	5.62	3.12	2.05	1.54	11	77.4	1.02	41.1	8,669	14.3	3.4	13.5	6.8	5.1	12.0
31.913	68	4:51 PM	73.3	6228	17.86	13.8	10.78	7.51	5.57	3.11	2.04	1.55	10.8	77.4	1.02	40.9	8,648	14.2	3.4	13.6	6.9	5.1	12.1
31.913	68	4:51 PM	73.3	7793	22.94	17.72	13.86	9.7	7.2	3.96	2.62	1.93	14.1	77.4	1.02	41.9	8,387	13.7	3.4	13.5	6.8	5.1	11.8
31.913	68	4:51 PM	73.3	8436	24.84	19.17	15.04	10.52	7.81	4.3	2.83	2.17	15.2	77.4	1.02	41.9	8,375	13.7	3.4	13.5	6.8	5.1	11.8
32.005	68.5	4:52 PM	73.4	6558	11.53	9.31	7.74	5.91	4.63	2.97	2.04	1.52	7.66	77.5	1.02	27.6	11,584	20.3	4.2	17.4	7.4	5.6	17.9
32.005	68.5	4:52 PM	73.4	6384	11.6	9.19	7.67	5.85	4.59	2.93	2.06	1.51	7.62	77.5	1.02	28.3	11,352	19.8	4.1	17.2	7.4	5.5	17.5
32.005	68.5	4:52 PM	73.4	8095	14.95	11.9	9.97	7.6	5.95	3.77	2.68	1.94	9.96	77.5	1.02	28.6	11,114	19.3	4.1	17.1	7.3	5.5	17.3
32.005	68.5	4:52 PM	73.4	8512	15.61	12.53	10.47	7.99	6.27	4	2.78	2.06	10.5	77.5	1.02	28.5	11,103	19.3	4.2	17.3	7.3	5.5	17.4
32.110	67.4	4:53 PM	73.8	6542	10.76	8.65	7.23	5.61	4.57	3.03	2.14	1.63	7.23	77.7	1.02	26.2	11,771	20.7	4.3	18.2	7.5	5.6	18.9
32.110	67.4	4:53 PM	73.8	6395	10.65	8.59	7.17	5.58	4.55	3	2.13	1.63	7.18	77.7	1.02	26.4	11,562	20.3	4.3	18.2	7.4	5.6	18.7
32.110	67.4	4:53 PM	73.8	8195	13.66	11.07	9.28	7.2	5.84	3.84	2.72	2.04	9.31	77.7	1.02	26.4	11,544	20.3	4.3	18.2	7.4	5.6	18.7
32.110	67.4	4:53 PM	73.8	8671	14.42	11.7	9.81	7.61	6.17	4.06	2.87	2.15	9.85	77.7	1.02	26.4	11,562	20.3	4.3	18.3	7.4	5.6	18.8
32.198	66.5	4:54 PM	73.5	6542	14.24	10.93	8.57	5.89	4.32	2.38	1.29	1.08	8.89	77.6	1.02	32.7	11,615	20.4	3.5	14.7	7.2	5.4	15.1
32.198	66.5	4:54 PM	73.5	6399	14	10.7	8.41	5.86	4.23	2.28	1.16	1.19	8.73	77.6	1.02	32.8	11,588	20.3	3.5	14.6	7.2	5.4	15.1
32.198	66.5	4:54 PM	73.5	7996	17.82	13.76	10.82	7.52	5.47	2.98	1.98	1.49	11.2	77.6	1.02	33.3	11,252	19.6	3.5	14.7	7.2	5.4	14.9
32.198	66.5	4:54 PM	73.5	8592	19.06	14.67	11.57	8.04	5.87	3.19	2.44	1.57	12.1	77.6	1.02	33.2	11,278	19.7	3.5	14.7	7.2	5.4	14.9
32.294	66.5	4:55 PM	73.5	6291	18.11	13.64	10.06	6.42	4.35	2.21	1.41	1.07	9.96	77.4	1.02	41.3	10,202	17.4	3.0	12.4	6.9	5.2	12.0
32.294	66.5	4:55 PM	73.5	6185	18.03	13.46	9.94	6.36	4.32	2.21	1.41	1.06	9.83	77.4	1.02	41.7	10,090	17.2	3.0	12.4	6.9	5.2	11.9
32.294	66.5	4:55 PM	73.5	7840	22.73	17.21	12.8	8.24	5.63	2.88	1.83	1.39	12.7	77.4	1.02	41.5	9,943	16.9	3.0	12.5	6.9	5.2	11.9
32.294	66.5	4:55 PM	73.5	8377	24.11	18.36	13.67	8.81	6.01	3.07	1.96	1.5	13.6	77.4	1.02	41.2	9,977	16.9	3.0	12.6	6.9	5.2	12.0
32.387	66.1	4:56 PM	72.5	6482	15.96	12.84	10.52	7.65	5.88	3.54	2.36	1.67	10.2	76.8	1.02	36.2	8,890	14.7	3.8	15.2	7.0	5.2	13.7
32.387	66.1	4:56 PM	72.5	6336	15.26	12.65	10.37	7.54	5.81	3.52	2.34	1.67	10.1	76.8	1.02	35.5	8,848	14.6	3.9	15.5	7.0	5.2	13.9
32.387	66.1	4:56 PM	72.5	7933	20.09	16.34	13.45	9.83	7.59	4.59	3.04	2.19	13	76.8	1.02	37.0	8,469	13.9	3.9	15.2	6.9	5.2	13.4
32.387	66.1	4:56 PM	72.5	8468	20.93	17.4	14.33	10.47	8.1	4.87	3.22	2.3	13.9	76.8	1.02	36.3	8,505	13.9	3.9	15.5	7.0	5.2	13.6
32.484	65.9	4:57 PM	72.3	6233	22.28	16.37	12.47	8.19	5.82	2.92	1.74	1.31	12.8	76.7	1.03	49.8	7,803	12.6	3.0	11.7	6.6	4.9	9.9
32.484	65.9	4:57 PM	72.3	6169	22.13	16.08	12.25	8.07	5.77	2.91	1.72	1.3	12.8	76.7	1.03	49.9	7,784	12.5	2.9	11.7	6.6	4.9	9.9
32.484	65.9	4:57 PM	72.3	7829	28.04	20.66	15.84	10.49	7.48	3.77	2.24	1.7	16.6	76.7	1.03	49.9	7,685	12.3	3.0	11.8	6.6	4.9	9.9
32.484	65.9	4:57 PM	72.3	8385	29.79	22	16.89	11.2	8	4.04	2.4	1.81	17.8	76.7	1.03	49.5	7,714	12.4	3.0	11.9	6.6	4.9	10.0
32.578	65.6	4:59 PM	73.8	6447	17.8	13.17	10.3	7.41	5.7	3.22	1.92	1.33	11.6	77.6	1.02	39.6	8,816	14.6	3.5	13.9	6.9	5.2	12.5
32.578	65.6	4:59 PM	73.8	6323	17.55	12.86	10.11	7.38	5.6	3.19	1.89	1.33	11.6	77.6	1.02	39.8	8,792	14.5	3.5	13.9	6.9	5.2	12.4
32.578	65.6	4:59 PM	73.8	7805	22.42	16.41	12.94	9.48	7.21	4.11	2.45	1.72	14.9	77.6	1.02	40.9	8,448	13.8	3.5	13.7	6.8	5.1	12.1
32.578	65.6	4:59 PM	73.8	8425	24.04	17.66	13.92	10.13	7.77	4.4	2.69	1.82	16.1	77.6	1.02	40.7	8,474	13.9	3.5	13.8	6.8	5.1	12.2
32.680	66.7	5:00 PM	75.7	6577	9.78	7.87	6.39	4.74	3.61	2.06	1.34	0.98	6.29	78.6	1.01	24.1	14,698	27.3	4.1	17.6	7.6	5.8	20.5
32.680	66.7	5:00 PM	75.7	6487	9.44	7.71	6.25	4.62	3.54	2.03	1.33	0.98	6.22	78.6	1.01	23.8	14,828	27.6	4.1	17.8	7.7	5.8	20.8
32.680	66.7	5:00 PM	75.7	7933	11.82	9.77	7.99	5.92	4.54	2.62	1.72	1.26	8	78.6	1.01	24.2	14,198	26.1	4.1	17.9	7.6	5.8	20.5
32.680	66.7	5:00 PM	75.7	8547	12.83	10.47	8.58	6.37	4.87	2.81	1.84	1.35	8.63	78.6	1.01	24.3	14,232	26.2	4.1	17.8	7.6	5.8	20.4
32.767	66.8	5:01 PM	75.9	6360	20.75	16.06	12.18	7.92	5.39	2.66	1.59	1.24	11.8	78.7	1.01	45.3	8,579	14.1	3.1	12.3	6.8	5.1	10.9
32.767	66.8	5:01 PM	75.9	6233	20.37	15.69	11.96	7.76	5.29	2.62	1.59	1.17	11.6	78.7	1.01	45.4	8,566	14.1	3.1	12.3	6.7	5.1	10.9
32.767	66.8	5:01 PM	75.9	7801	26.04	20.13	15.43	10.06	6.83	3.35	2.05	1.54	15.1	78.7	1.01	46.2	8,334	13.6	3.1	12.3	6.7	5.0	10.7
32.767	66.8	5:01 PM	75.9	8492	28.29	21.89	16.82	10.98	7.44	3.64	2.23	1.61	16.5	78.7	1.01	46.1	8,337	13.6	3.1	12.3	6.7	5.0	10.7
32.863	66.7	5:02 PM	76.2	6752	10.69	8.37	6.73	4.76	3.57	2.04	1.37	1.07	6.5	78.8	1.01	25.2	14,912	27.8	3.8	16.7	7.6	5.8	19.6
32.863	66.7	5:02 PM	76.2	6606	10.05	8.15	6.56	4.66	3.5	2.02	1.37	1.06	6.42	78.8	1.01	24.5	15,037	28.1	3.9	17.1	7.6	5.8	20.2
32.863	66.7	5:02 PM	76.2	7983	12.55	10.21	8.24	5.88	4.42	2.56	1.75	1.37	8.13	78.8	1.01	25.1	14,427	26.7	4.0	17.1	7.6	5.8	19.7
32.863	66.7	5:02 PM	76.2	8468	13.9	10.84	8.75	6.26	4.7	2.71	1.85	1.44	8.68	78.8	1.01	25.9	14,251	26.3	3.9	16.7	7.5	5.7	19.1

32.956	67.7	5:03 PM	75.7	6574	14.54	11.35	8.85	6.22	4.58	2.62	1.76	1.28	8.75	78.5	1.01	32.8	11,135	19.4	3.6	15.0	7.2	5.4	15.1
32.956	67.7	5:03 PM	75.7	6463	14.26	11.23	8.75	6.17	4.57	2.63	1.72	1.3	8.69	78.5	1.01	32.7	11,025	19.1	3.7	15.1	7.2	5.4	15.1
32.956	67.7	5:03 PM	75.7	7821	18.41	14.31	11.24	7.96	5.87	3.35	2.24	1.64	11.2	78.5	1.01	34.5	10,372	17.8	3.6	14.8	7.1	5.3	14.4
32.956	67.7	5:03 PM	75.7	8396	19.43	15.38	12.1	8.55	6.32	3.6	2.39	1.76	12	78.5	1.01	34.0	10,400	17.8	3.7	14.9	7.1	5.4	14.6
33.059	68.5	5:04 PM	75.6	6558	13.44	10.07	7.54	4.96	3.55	1.9	1.24	0.98	7.47	78.5	1.02	30.9	13,515	24.6	3.3	14.4	7.3	5.6	16.0
33.059	68.5	5:04 PM	75.6	6431	13	9.81	7.37	4.86	3.48	1.87	1.27	0.95	7.32	78.5	1.02	30.6	13,586	24.8	3.4	14.5	7.4	5.6	16.2
33.059	68.5	5:04 PM	75.6	7845	16.61	12.26	9.26	6.15	4.41	2.37	1.59	1.19	9.25	78.5	1.02	31.7	13,039	23.5	3.3	14.3	7.3	5.5	15.6
33.059	68.5	5:04 PM	75.6	8444	17.52	13.09	9.9	6.59	4.75	2.57	1.72	1.31	9.92	78.5	1.02	31.2	13,129	23.7	3.4	14.4	7.3	5.5	15.9
33.146	69.2	5:06 PM	75.7	6403	16.38	11.1	7.99	4.99	3.3	1.57	1.05	0.81	7.98	78.5	1.02	37.1	12,711	22.8	2.8	12.4	7.1	5.4	13.4
33.146	69.2	5:06 PM	75.7	6387	15.75	10.81	7.77	4.88	3.23	1.57	1.02	0.81	7.83	78.5	1.02	35.9	13,056	23.6	2.9	12.6	7.2	5.4	13.8
33.146	69.2	5:06 PM	75.7	7766	20.19	13.63	9.7	5.98	3.96	1.92	1.28	1.04	9.7	78.5	1.02	37.6	12,696	22.8	2.8	12.2	7.1	5.4	13.2
33.146	69.2	5:06 PM	75.7	8349	20.93	14.7	10.48	6.39	4.24	2.06	1.38	1.13	10.5	78.5	1.02	36.4	12,931	23.3	2.8	12.5	7.2	5.4	13.6
33.245	68	5:07 PM	75.8	6534	12.14	8.86	6.46	4.01	2.79	1.46	1	0.81	6.35	78.5	1.02	28.7	16,228	30.9	3.1	14.1	7.5	5.7	17.3
33.245	68	5:07 PM	75.8	6368	11.63	8.56	6.23	3.87	2.71	1.43	0.99	0.78	6.05	78.5	1.02	28.3	16,375	31.2	3.2	14.2	7.5	5.7	17.5
33.245	68	5:07 PM	75.8	7909	14.76	10.8	7.93	4.97	3.48	1.86	1.3	1.02	7.7	78.5	1.02	28.8	15,913	30.1	3.2	14.2	7.5	5.7	17.2
33.245	68	5:07 PM	75.8	8452	15.52	11.44	8.39	5.28	3.7	1.95	1.35	1.1	8.23	78.5	1.02	28.4	16,066	30.5	3.2	14.3	7.5	5.7	17.4
33.336	67.1	5:08 PM	75.9	6455	15.63	11.28	8.19	5.1	3.45	1.85	1.33	1.06	7.87	78.6	1.01	35.4	12,750	22.9	3.0	12.9	7.2	5.4	14.0
33.336	67.1	5:08 PM	75.9	6323	15.13	10.97	7.96	4.98	3.38	1.85	1.35	1.07	7.69	78.6	1.01	35.0	12,812	23.0	3.0	13.0	7.2	5.4	14.1
33.336	67.1	5:08 PM	75.9	7801	19.19	13.86	10.12	6.34	4.33	2.36	1.71	1.38	9.83	78.6	1.01	35.8	12,390	22.1	3.0	13.0	7.2	5.4	13.8
33.336	67.1	5:08 PM	75.9	8489	20.6	15.01	10.96	6.91	4.7	2.58	1.85	1.53	10.7	78.6	1.01	35.4	12,479	22.3	3.0	13.1	7.2	5.4	14.0
33.444	66.7	5:09 PM	76.4	6495	7.96	5.81	4.57	3.35	2.65	1.69	1.19	0.93	4.56	78.9	1.01	21.0	19,308	38.3	3.9	17.5	7.9	6.1	23.6
33.444	66.7	5:09 PM	76.4	6519	7.56	5.72	4.51	3.31	2.61	1.67	1.17	0.92	4.5	78.9	1.01	20.2	19,858	39.7	3.9	17.9	7.9	6.1	24.5
33.444	66.7	5:09 PM	76.4	8293	9.8	7.29	5.78	4.26	3.35	2.17	1.53	1.17	5.81	78.9	1.01	20.5	19,634	39.1	3.9	17.8	7.9	6.1	24.2
33.444	66.7	5:09 PM	76.4	8675	10.13	7.67	6.08	4.48	3.53	2.28	1.61	1.24	6.05	78.9	1.01	20.3	19,582	39.0	4.0	18.0	7.9	6.1	24.4
33.527	66.3	5:12 PM	76.0	6503	9.77	7.65	6.17	4.6	3.57	2.27	1.57	1.15	5.75	78.5	1.01	24.3	14,666	27.2	4.0	17.5	7.6	5.8	20.3
33.527	66.3	5:12 PM	76.0	6558	9.61	7.52	6.07	4.55	3.54	2.17	1.53	1.19	5.69	78.5	1.02	23.9	14,940	27.9	4.0	17.6	7.6	5.8	20.7
33.527	66.3	5:12 PM	76.0	8309	12.26	9.76	7.88	5.91	4.57	2.84	2.01	1.41	7.42	78.5	1.01	24.0	14,696	27.3	4.1	17.7	7.6	5.8	20.6
33.527	66.3	5:12 PM	76.0	8687	12.7	10.11	8.16	6.09	4.72	2.95	2.11	1.54	7.62	78.5	1.01	23.9	14,868	27.7	4.1	17.7	7.6	5.8	20.7
33.625	66.2	5:13 PM	76.0	6527	7.81	6.36	5.42	4.19	3.51	2.34	1.63	1.24	5.24	78.5	1.01	20.7	15,370	28.9	4.5	20.1	7.8	5.9	23.9
33.625	66.2	5:13 PM	76.0	6546	7.59	6.31	5.34	4.19	3.44	2.31	1.61	1.23	5.2	78.5	1.01	20.2	15,720	29.7	4.5	20.3	7.8	6.0	24.5
33.625	66.2	5:13 PM	76.0	8269	9.76	8.06	6.81	5.42	4.35	2.89	2.07	1.57	6.69	78.5	1.01	20.5	15,720	29.7	4.5	20.0	7.8	6.0	24.2
33.625	66.2	5:13 PM	76.0	8714	10.24	8.44	7.16	5.65	4.61	3.08	2.18	1.66	6.99	78.5	1.01	20.4	15,622	29.4	4.5	20.2	7.8	6.0	24.2
33.715	66.2	5:14 PM	75.7	6693	10.1	8.09	6.55	4.88	3.79	2.35	1.6	1.2	6.65	78.3	1.02	24.5	14,292	26.4	4.1	17.6	7.6	5.8	20.2
33.715	66.2	5:14 PM	75.7	6577	10.03	7.98	6.46	4.83	3.77	2.35	1.61	1.23	6.53	78.3	1.02	24.7	14,123	26.0	4.1	17.6	7.6	5.8	20.1
33.715	66.2	5:14 PM	75.7	8079	12.78	10.22	8.3	6.24	4.84	3.01	2.09	1.53	8.36	78.3	1.02	25.3	13,531	24.6	4.1	17.5	7.5	5.7	19.5
33.715	66.2	5:14 PM	75.7	8616	13.57	10.83	8.8	6.6	5.13	3.18	2.19	1.61	8.94	78.3	1.02	25.2	13,610	24.8	4.1	17.5	7.6	5.7	19.6
33.814	65.4	5:15 PM	74.6	6665	10.83	8.02	6.13	4.3	3.28	2.1	1.5	1.17	6.09	77.7	1.02	26.0	15,577	29.3	3.6	15.8	7.6	5.8	19.0
33.814	65.4	5:15 PM	74.6	6498	10.56	7.78	5.97	4.26	3.23	2.15	1.48	1.19	5.94	77.7	1.02	26.0	15,469	29.1	3.6	15.9	7.6	5.8	19.0
33.814	65.4	5:15 PM	74.6	8020	13.27	9.85	7.58	5.33	4.13	2.6	1.92	1.46	7.54	77.7	1.02	26.4	15,010	28.0	3.7	15.9	7.5	5.7	18.8
33.814	65.4	5:15 PM	74.6	8635	14.11	10.52	8.11	5.73	4.44	2.8	2.07	1.56	8.08	77.7	1.02	26.1	15,082	28.2	3.7	16.0	7.6	5.7	18.9
33.917	65.3	5:16 PM	74.7	6638	11.76	9.01	7.25	5.3	4.05	2.5	1.66	1.26	7.35	77.7	1.02	27.7	13,023	23.5	3.8	16.3	7.4	5.6	17.8
33.917	65.3	5:16 PM	74.7	6466	11.38	8.82	7.07	5.17	3.97	2.46	1.65	1.3	7.18	77.7	1.02	27.6	12,981	23.4	3.9	16.4	7.4	5.6	17.9
33.917	65.3	5:16 PM	74.7	7996	14.66	11.28	9.01	6.58	5.07	3.06	2.09	1.57	9.12	77.7	1.02	28.5	12,544	22.4	3.8	16.2	7.4	5.6	17.4
33.917	65.3	5:16 PM	74.7	8492	15.57	11.96	9.56	7	5.39	3.25	2.24	1.68	9.68	77.7	1.02	28.5	12,534	22.4	3.8	16.2	7.4	5.6	17.4

33.997	65.2	5:17 PM	73.5	6431	14.97	11.69	9.08	6.22	4.52	2.48	1.59	1.17	8.98	76.9	1.03	34.7	10,896	18.9	3.5	14.3	7.1	5.4	14.3
33.997	65.2	5:17 PM	73.5	6331	14.76	11.46	8.95	6.14	4.48	2.46	1.58	1.19	8.85	76.9	1.03	34.7	10,840	18.7	3.5	14.3	7.1	5.4	14.2
33.997	65.2	5:17 PM	73.5	7972	18.63	14.56	11.43	7.87	5.76	3.17	2.03	1.52	11.3	76.9	1.03	34.8	10,677	18.4	3.5	14.4	7.1	5.3	14.2
33.997	65.2	5:17 PM	73.5	8587	19.95	15.62	12.26	8.48	6.19	3.41	2.19	1.63	12.2	76.9	1.03	34.6	10,713	18.5	3.5	14.5	7.1	5.4	14.3
34.106	65	5:19 PM	74.3	6328	12.57	9.92	7.84	5.51	4.07	2.31	1.49	1.11	7.79	77.3	1.02	30.5	12,156	21.6	3.7	15.4	7.3	5.5	16.3
34.106	65	5:19 PM	74.3	6347	12.65	9.76	7.72	5.46	4.02	2.3	1.45	1.11	7.67	77.3	1.02	30.5	12,279	21.9	3.6	15.3	7.3	5.5	16.2
34.106	65	5:19 PM	74.3	8063	16.04	12.54	9.96	7.04	5.23	2.96	1.91	1.47	9.96	77.3	1.02	30.5	12,077	21.4	3.7	15.4	7.3	5.5	16.2
34.106	65	5:19 PM	74.3	8484	16.85	13.2	10.48	7.43	5.52	3.13	2.02	1.54	10.5	77.3	1.02	30.4	12,056	21.4	3.7	15.5	7.3	5.5	16.3
34.192	65.1	5:20 PM	73.5	6455	14.59	11.27	8.93	6.18	4.53	2.51	1.65	1.24	9.09	76.9	1.03	33.9	11,007	19.1	3.5	14.6	7.2	5.4	14.6
34.192	65.1	5:20 PM	73.5	6328	14.3	11.05	8.76	6.09	4.48	2.49	1.65	1.24	8.89	76.9	1.03	33.9	10,940	19.0	3.5	14.6	7.2	5.4	14.6
34.192	65.1	5:20 PM	73.5	7983	18.17	14.2	11.26	7.85	5.74	3.21	2.13	1.57	11.4	76.9	1.03	34.1	10,798	18.7	3.6	14.6	7.1	5.4	14.5
34.192	65.1	5:20 PM	73.5	8532	19.38	15.28	12.06	8.41	6.14	3.45	2.31	1.69	12.2	76.9	1.03	34.0	10,798	18.7	3.6	14.7	7.1	5.4	14.6
34.283	64.7	5:21 PM	73.8	6566	18.07	15.31	12.38	8.44	3.96	2.33	1.63	1.28	11.5	77.1	1.03	39.8	11,264	19.7	2.8	12.2	7.0	5.3	12.4
34.283	64.7	5:21 PM	73.8	6399	17.48	14.82	11.96	8.07	3.97	2.36	1.65	1.31	11.1	77.1	1.03	39.6	11,115	19.3	2.9	12.4	7.0	5.3	12.5
34.283	64.7	5:21 PM	73.8	7821	22.45	19.06	15.43	10.46	5.17	3.02	2.08	1.65	14.3	77.1	1.03	41.2	10,492	18.0	2.9	12.3	6.9	5.2	12.0
34.283	64.7	5:21 PM	73.8	8338	23.96	20.31	16.42	11.21	5.47	3.22	2.24	1.76	15.4	77.1	1.03	41.3	10,534	18.1	2.9	12.2	6.9	5.2	12.0
34.377	64.9	5:22 PM	75.0	6601	9.85	7.69	6.22	4.56	3.52	2.17	1.53	1.1	6.01	77.7	1.02	24.4	15,028	28.1	4.0	17.2	7.6	5.8	20.3
34.377	64.9	5:22 PM	75.0	6431	9.65	7.56	6.11	4.48	3.48	2.14	1.52	1.1	5.89	77.7	1.02	24.5	14,838	27.6	4.0	17.3	7.6	5.8	20.2
34.377	64.9	5:22 PM	75.0	8091	12.15	9.57	7.76	5.73	4.45	2.73	1.94	1.41	7.48	77.7	1.02	24.5	14,646	27.2	4.0	17.4	7.6	5.8	20.2
34.377	64.9	5:22 PM	75.0	8576	12.93	10.14	8.23	6.07	4.72	2.91	2.06	1.5	7.94	77.7	1.02	24.6	14,626	27.1	4.0	17.3	7.6	5.8	20.1
34.474	65.2	5:23 PM	74.6	6482	8.47	6.82	5.68	4.39	3.51	2.2	1.54	1.17	5.51	77.4	1.02	22.2	15,155	28.4	4.3	18.8	7.7	5.9	22.3
34.474	65.2	5:23 PM	74.6	6554	8.45	6.7	5.61	4.33	3.46	2.22	1.53	1.15	5.45	77.4	1.02	22.0	15,526	29.2	4.3	18.8	7.8	5.9	22.5
34.474	65.2	5:23 PM	74.6	8261	10.42	8.5	7.11	5.51	4.41	2.78	1.94	1.47	6.95	77.4	1.03	21.7	15,400	28.9	4.3	19.1	7.8	5.9	22.8
34.474	65.2	5:23 PM	74.6	8659	11.11	8.92	7.45	5.78	4.62	2.92	2.04	1.55	7.3	77.4	1.02	21.9	15,386	28.9	4.3	18.9	7.8	5.9	22.6
34.565	65.4	5:24 PM	74.5	6534	8.46	6.43	5.23	3.94	3.11	1.93	1.3	0.96	5.19	77.4	1.03	22.1	16,936	32.6	4.0	17.8	7.8	5.9	22.4
34.565	65.4	5:24 PM	74.5	6463	8.37	6.36	5.17	3.91	3.08	1.91	1.3	0.96	5.14	77.4	1.03	22.1	16,919	32.5	4.0	17.8	7.8	5.9	22.4
34.565	65.4	5:24 PM	74.5	8155	10.59	8.07	6.6	4.99	3.94	2.44	1.64	1.22	6.57	77.4	1.03	22.2	16,724	32.0	4.0	17.9	7.8	5.9	22.3
34.565	65.4	5:24 PM	74.5	8667	11.23	8.61	7.04	5.32	4.2	2.6	1.73	1.29	7.01	77.4	1.03	22.1	16,690	32.0	4.0	18.0	7.8	5.9	22.4
34.660	65.3	5:25 PM	73.6	6617	10.07	7.75	6.15	4.46	3.55	2.21	1.57	1.29	6.19	76.9	1.03	25.0	14,892	27.7	3.9	16.9	7.6	5.8	19.8
34.660	65.3	5:25 PM	73.6	6479	9.76	7.6	6.04	4.43	3.46	2.18	1.57	1.22	6.04	76.9	1.03	24.8	14,979	27.9	3.9	17.0	7.6	5.8	20.0
34.660	65.3	5:25 PM	73.6	8012	12.37	9.58	7.64	5.6	4.36	2.73	1.94	1.49	7.67	76.9	1.03	25.2	14,681	27.3	3.9	16.9	7.6	5.8	19.6
34.660	65.3	5:25 PM	73.6	8611	13.23	10.26	8.18	6.01	4.68	2.93	2.08	1.62	8.24	76.9	1.03	25.1	14,712	27.3	3.9	16.9	7.6	5.8	19.7
34.763	65	5:27 PM	74.2	6423	16.64	12.25	9.2	6.03	4.25	2.37	1.69	1.27	8.93	77.2	1.03	37.8	10,919	18.9	3.1	13.1	7.0	5.3	13.1
34.763	65	5:27 PM	74.2	6392	16.4	12.07	9.09	5.97	4.24	2.38	1.7	1.29	8.85	77.2	1.03	37.5	10,942	19.0	3.2	13.2	7.1	5.3	13.2
34.763	65	5:27 PM	74.2	7745	21.33	15.48	11.73	7.75	5.5	3.09	2.18	1.67	11.4	77.2	1.03	39.8	10,210	17.4	3.1	12.9	7.0	5.2	12.5
34.763	65	5:27 PM	74.2	8261	22.58	16.59	12.61	8.35	5.92	3.31	2.34	1.81	12.4	77.2	1.03	39.5	10,181	17.4	3.1	13.0	7.0	5.2	12.5
34.854	65.5	5:28 PM	74.3	6503	12.14	9.14	7.13	4.84	3.5	1.84	1.16	0.86	7.29	77.3	1.03	29.1	14,018	25.7	3.5	15.0	7.4	5.6	17.0
34.854	65.5	5:28 PM	74.3	6415	11.82	8.83	6.87	4.7	3.36	1.76	1.09	0.8	7.02	77.3	1.03	28.8	14,336	26.5	3.4	14.9	7.4	5.6	17.2
34.854	65.5	5:28 PM	74.3	7983	14.81	11.15	8.68	5.94	4.28	2.28	1.46	1.07	8.86	77.3	1.03	29.0	14,083	25.9	3.5	15.0	7.4	5.6	17.1
34.854	65.5	5:28 PM	74.3	8532	15.65	11.73	9.16	6.33	4.54	2.43	1.63	1.14	9.33	77.3	1.03	28.7	14,208	26.2	3.5	15.1	7.4	5.6	17.2
34.966	65.6	5:32 PM	73.2	6636	9.55	7.92	6.62	5.02	3.99	2.48	1.94	1.21	6.67	76.6	1.03	23.5	14,070	25.9	4.3	18.5	7.6	5.8	21.1
34.966	65.6	5:32 PM	73.2	6633	9.3	7.39	6.21	4.78	3.83	2.48	1.54	1.2	6.3	76.6	1.03	23.5	14,204	26.2	4.2	18.4	7.6	5.8	21.0
34.966	65.6	5:32 PM	73.2	8111	11.31	9.22	7.74	5.91	4.77	3.1	1.87	1.5	7.64	76.6	1.03	23.4	13,975	25.6	4.3	18.6	7.6	5.8	21.1
34.966	65.6	5:32 PM	73.2	8505	11.86	9.51	8	6.15	4.94	3.19	2.05	1.57	8.1	76.6	1.03	23.4	14,135	26.0	4.3	18.5	7.6	5.8	21.1

35.043	65.1	5:33 PM	71.9	6630	9.42	7.21	5.63	3.96	3.04	1.77	1.09	0.98	5.5	75.8	1.04	24.1	17,036	32.8	3.7	16.3	7.7	5.9	20.6
35.043	65.1	5:33 PM	71.9	6487	9.3	6.9	5.33	3.81	2.91	1.73	1.11	0.89	5.23	75.8	1.04	24.2	17,259	33.3	3.6	16.1	7.7	5.9	20.4
35.043	65.1	5:33 PM	71.9	8107	11.34	8.64	6.73	4.82	3.7	2.22	1.54	0.96	6.61	75.8	1.04	23.8	17,168	33.1	3.7	16.5	7.7	5.9	20.8
35.043	65.1	5:33 PM	71.9	8624	12	9.13	7.11	5.13	3.93	2.37	1.56	1.15	7	75.8	1.04	23.7	17,211	33.2	3.7	16.5	7.7	5.9	20.9
35.128	64.8	5:34 PM	71.8	6689	11.5	9.69	8.02	6.02	4.58	1.95	1.43	1.08	7.34	75.6	1.05	27.8	11,931	21.1	4.1	17.1	7.4	5.6	17.8
35.128	64.8	5:34 PM	71.8	6569	11.41	9.41	7.76	5.84	4.43	1.98	1.44	1.09	7.23	75.6	1.04	28.0	12,070	21.4	4.0	16.8	7.4	5.6	17.7
35.128	64.8	5:34 PM	71.8	7972	14.35	11.96	9.93	7.46	5.66	2.5	1.82	1.37	9.28	75.6	1.04	28.7	11,491	20.1	4.0	16.8	7.3	5.5	17.2
35.128	64.8	5:34 PM	71.8	8444	15.46	12.72	10.57	7.96	6.03	2.66	1.94	1.46	9.92	75.6	1.04	29.1	11,406	20.0	4.0	16.7	7.3	5.5	17.0
35.222	65	5:35 PM	71.1	6685	9.9	8.04	6.37	4.55	3.45	2.03	1.38	1.06	6.33	75.2	1.05	24.9	15,440	29.0	3.8	16.6	7.6	5.8	19.9
35.222	65	5:35 PM	71.1	6503	10.07	7.71	6.11	4.39	3.34	1.98	1.36	1.05	6.13	75.2	1.05	25.7	15,323	28.7	3.7	16.2	7.6	5.8	19.2
35.222	65	5:35 PM	71.1	7933	12.34	9.71	7.74	5.57	4.26	2.53	1.74	1.33	7.77	75.2	1.05	25.8	14,805	27.5	3.8	16.4	7.6	5.7	19.2
35.222	65	5:35 PM	71.1	8528	12.96	10.31	8.22	5.93	4.54	2.7	1.86	1.44	8.3	75.2	1.05	25.4	14,986	28.0	3.8	16.6	7.6	5.8	19.5
35.326	64.8	5:36 PM	71.1	6434	13.54	10.43	8.24	5.74	4.19	2.21	1.4	1.05	8.41	75.2	1.05	32.5	11,849	20.9	3.5	14.6	7.2	5.5	15.2
35.326	64.8	5:36 PM	71.1	6320	13.07	10.05	7.94	5.54	4.06	2.17	1.39	1.04	8.11	75.2	1.05	32.1	12,026	21.3	3.5	14.7	7.3	5.5	15.4
35.326	64.8	5:36 PM	71.1	7972	16.24	12.52	9.93	6.94	5.1	2.71	1.81	1.33	10.2	75.2	1.05	31.7	12,115	21.5	3.5	14.8	7.3	5.5	15.6
35.326	64.8	5:36 PM	71.1	8560	17.3	13.32	10.56	7.42	5.45	2.92	1.91	1.43	10.9	75.2	1.05	31.5	12,184	21.6	3.5	14.9	7.3	5.5	15.7
35.425	65	5:37 PM	70.8	6704	8.02	6.32	5.21	4	3.2	2.06	1.5	1.09	5.25	75.1	1.05	21.4	17,119	33.0	4.1	18.3	7.8	6.0	23.1
35.425	65	5:37 PM	70.8	6593	7.84	6.17	5.07	3.9	3.14	2.03	1.53	1.08	5.13	75.1	1.05	21.3	17,166	33.1	4.1	18.4	7.8	6.0	23.2
35.425	65	5:37 PM	70.8	8039	9.85	7.77	6.42	4.96	3.99	2.58	1.87	1.37	6.49	75.1	1.05	21.7	16,494	31.5	4.1	18.4	7.8	5.9	22.8
35.425	65	5:37 PM	70.8	8624	10.48	8.28	6.83	5.29	4.24	2.77	2.03	1.48	6.93	75.1	1.05	21.6	16,649	31.9	4.1	18.4	7.8	6.0	22.9
35.519	65	5:44 PM	71.4	6646	8.48	6.33	4.66	3.2	2.33	1.37	1.04	0.81	4.5	75.2	1.06	22.5	21,167	43.0	3.3	15.5	7.8	6.1	22.0
35.519	65	5:44 PM	71.4	6426	8.37	6.13	4.72	3.13	2.3	1.37	1.04	0.82	4.38	75.2	1.06	22.9	20,734	41.9	3.3	15.5	7.8	6.0	21.7
35.519	65	5:44 PM	71.4	8071	9.85	7.6	5.86	3.94	2.92	1.78	1.3	1.04	5.46	75.2	1.06	21.8	21,045	42.7	3.5	16.1	7.9	6.1	22.7
35.519	65	5:44 PM	71.4	8532	10.3	7.94	6.14	4.13	3.06	1.85	1.38	1.09	5.72	75.2	1.06	21.7	21,244	43.2	3.5	16.1	7.9	6.1	22.9
35.613	65.3	5:45 PM	70.7	6546	7.96	5.96	4.56	3.23	2.46	1.53	1.12	0.87	4.57	74.8	1.06	21.8	20,525	41.4	3.5	16.3	7.8	6.1	22.7
35.613	65.3	5:45 PM	70.7	6479	7.51	5.67	4.35	3.1	2.37	1.5	1.1	0.86	4.37	74.8	1.06	21.1	21,218	43.1	3.6	16.5	7.9	6.1	23.4
35.613	65.3	5:45 PM	70.7	8155	9.35	6.97	5.39	3.84	2.93	1.86	1.38	1.07	5.43	74.8	1.06	21.0	21,558	44.0	3.6	16.5	7.9	6.1	23.6
35.613	65.3	5:45 PM	70.7	8624	9.73	7.3	5.65	4.04	3.09	1.96	1.47	1.14	5.67	74.8	1.06	20.7	21,702	44.4	3.6	16.6	7.9	6.1	23.9
35.705	65.1	5:46 PM	70.7	6792	6.76	5.23	4.17	3	2.31	1.41	0.99	0.81	4.1	74.8	1.06	19.1	23,318	48.6	3.7	17.3	8.0	6.3	25.9
35.705	65.1	5:46 PM	70.7	6712	6.48	5.02	3.99	2.89	2.22	1.37	0.98	0.81	3.93	74.8	1.06	18.8	23,992	50.3	3.7	17.4	8.1	6.3	26.4
35.705	65.1	5:46 PM	70.7	8158	8.11	6.17	4.93	3.56	2.75	1.72	1.23	1.02	4.86	74.8	1.06	19.1	23,481	49.0	3.7	17.3	8.0	6.3	25.9
35.705	65.1	5:46 PM	70.7	8560	8.35	6.43	5.15	3.74	2.89	1.81	1.32	1.08	5.09	74.8	1.06	18.9	23,563	49.2	3.7	17.4	8.0	6.3	26.2
35.799	65.4	5:48 PM	70.7	6876	8.33	6.35	5	3.48	2.59	1.47	1.03	0.8	4.89	74.8	1.06	21.8	20,515	41.4	3.5	16.3	7.8	6.1	22.7
35.799	65.4	5:48 PM	70.7	6781	8.04	6.06	4.79	3.33	2.5	1.44	1.02	0.81	4.65	74.8	1.06	21.5	20,961	42.5	3.5	16.3	7.9	6.1	23.0
35.799	65.4	5:48 PM	70.7	8377	10.09	7.66	6.04	4.23	3.2	1.87	1.3	1.03	5.9	74.8	1.06	21.7	20,348	40.9	3.6	16.4	7.9	6.1	22.8
35.799	65.4	5:48 PM	70.7	8671	10.41	7.89	6.24	4.38	3.32	1.94	1.37	1.09	6.09	74.8	1.06	21.7	20,333	40.9	3.6	16.5	7.9	6.1	22.8
35.892	65.4	5:49 PM	69.5	6646	9.41	7.13	5.62	3.98	2.93	1.65	1.07	0.83	5.66	74.1	1.07	24.5	17,536	34.0	3.5	15.8	7.7	5.9	20.2
35.892	65.4	5:49 PM	69.5	6550	9.18	7.03	5.54	3.94	2.91	1.65	1.08	0.82	5.57	74.1	1.07	24.3	17,493	33.9	3.6	15.9	7.7	5.9	20.4
35.892	65.4	5:49 PM	69.5	7972	11.71	8.99	7.14	5.08	3.78	2.12	1.39	1.04	7.17	74.1	1.06	25.1	16,476	31.5	3.6	15.9	7.6	5.8	19.7
35.892	65.4	5:49 PM	69.5	8539	12.5	9.61	7.64	5.46	4.06	2.27	1.48	1.11	7.68	74.1	1.06	25.1	16,459	31.4	3.6	16.0	7.6	5.8	19.8
35.987	65.9	5:50 PM	70.0	6487	13.9	9.84	6.79	4.01	2.7	1.53	1.1	0.83	6.72	74.4	1.06	33.6	15,486	29.1	2.7	12.3	7.3	5.6	14.7
35.987	65.9	5:50 PM	70.0	6399	12.94	9.14	6.36	3.8	2.64	1.51	1.07	0.8	6.33	74.4	1.06	32.1	15,967	30.3	2.8	12.7	7.4	5.6	15.4
35.967	65.9	5:50 PM	70.0	7798	15.43	10.94	7.65	4.61	3.12	1.8	1.28	1	7.65	74.4	1.06	31.5	16,400	31.3	2.7	12.7	7.4	5.6	15.7
35.987	65.9	5:50 PM	70.0	8393	16.45	11.49	8.05	4.88	3.33	1.93	1.37	1.09	8.13	74.4	1.06	31.3	16,546	31.6	2.8	12.8	7.4	5.7	15.8


BIA 41-70
Allowable Spring Axle Load, Tons
35
30
25
20
15
10
5
0
25.0
27.0
29.0
31.0
33.0
35.0
37.0
Test Location, miles
AASHTO
TONN


BIA 41-70
Eff. GE, inches
Eff. R-value
Test Location, miles
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
25.0
27.0
29.0
31.0
33.0
35.0
37.0
Eff. G.E.
Eff. R-value

County:	Pine Ridge Reservation	X1	X2	X3	X4	X5	X6	X7
Date Tested:	6/19/2008	0	203.2	304.8	457.2	609.6	914	1524
Julian:	171	0	8	12	18	24	36	60
Highway	BIA 39	0	8	12	18	24	36	60
From:	Jct BIA 2							
To:	Jct BIA 4	31.24	22.58	16.62	11.02	8.03	4.79	3.34
Dir	SB		0.72	0.53	0.35	0.26	0.15	0.11
Prev Day Temp	75 °F							
Bit. Thickness	4 inches							
Daily ESALs	1.4							
Annual Growth	2.00%							
Design Period	20 years							
Proj. Factor	1.49							
Growth Factor	24.30							
Design ESALs	12,416							
Soil Type	P							
Drought Adj.	1.00							
Seas. Adj. Fact.	1.43							

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			
	$_sBB_{sc}$ mils	Esg psi	Eff. R-val	Eff SN inches	AASHTO			TONN Tons
Avg. =	68.7	6,572	10.3	2.4	11.3			9.4
Median =	63.96	6,483	10.1	2.5	10.9			9.1
Std.Dev. =	21.91	1,766	3.4	0.8	2.5			3.0
85th % =	47.87	4,661	6.8	1.5	8.4			6.2

																			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	57.1	1	8:22 AM	61.1	6441	45.96	26.2	16.31	9.84	7.01	4.19	3.07	2.3	18	63.2	1.09	112.5	4,804	7.1	1.1	7.3	6.6	4.9	5.2
0.019	57.1	2	8:22 AM	61.1	6606	42.79	25.22	15.99	9.83	7.19	4.34	3.09	2.5	17	63.2	1.09	102.8	5,033	7.5	1.3	7.8	6.7	5.0	5.7
0.019	57.1	3	8:22 AM	61.1	8361	56.35	33.55	21.33	12.86	9.35	5.61	3.96	3.1	23	63.2	1.08	106.5	4,870	7.2	1.3	7.7	6.7	4.9	5.5
0.019	57.1	4	8:22 AM	61.1	8745	58.79	35.63	22.76	13.67	9.92	5.94	4.14	3.2	25	63.2	1.08	106.1	4,839	7.1	1.3	7.7	6.7	4.9	5.5
0.094	57	1	8:23 AM	60.8	6342	49.16	29.48	18.44	11.39	8.19	4.73	3.29	2.6	21	63.0	1.08	120.6	4,225	6.1	1.1	7.2	6.5	4.8	4.9
0.094	57	2	8:23 AM	60.8	6441	45.19	28.26	18.11	11.33	8.2	4.78	3.33	2.6	20	63.0	1.08	109.9	4,461	6.5	1.4	7.8	6.6	4.9	5.3
0.094	57	3	8:23 AM	60.8	8274	57.4	37.15	23.97	14.98	10.75	6.24	4.32	3.4	27	63.0	1.08	108.7	4,435	6.4	1.4	7.9	6.6	4.9	5.4
0.094	57	4	8:23 AM	60.8	8658	59.3	38.82	25.3	15.83	11.37	6.57	4.56	3.6	28	63.0	1.08	107.3	4,435	6.4	1.5	8.0	6.6	4.9	5.5
0.196	57.5	1	8:26 AM	60.8	6529	22.61	17.3	13.24	8.76	6.39	3.68	2.61	2.1	13	63.0	1.10	59.2	6,965	11.0	2.6	11.7	7.3	5.5	9.9
0.196	57.5	2	8:26 AM	60.8	6672	22.09	16.76	12.87	8.61	6.28	3.63	2.71	2.1	13	63.0	1.10	57.1	7,257	11.5	2.6	11.8	7.4	5.6	10.2
0.196	57.5	3	8:26 AM	60.8	8526	29.02	22.03	16.93	11.33	8.26	4.8	3.44	2.7	17	63.0	1.10	58.3	7,054	11.1	2.6	11.8	7.4	5.5	10.0
0.196	57.5	4	8:26 AM	60.8	8888	30.35	23.11	17.8	11.91	8.69	5.07	3.48	2.8	18	63.0	1.10	58.4	7,004	11.0	2.6	11.8	7.4	5.5	10.0
0.286	57.7	1	8:28 AM	61.3	6639	20.46	16.57	12.85	9.46	7.55	5.02	3.51	2.7	13	63.3	1.08	52.5	6,455	10.0	3.2	13.7	7.5	5.6	11.1
0.286	57.7	2	8:28 AM	61.3	6715	20.12	15.97	12.88	9.52	7.56	4.95	3.57	2.8	13	63.3	1.08	51.3	6,544	10.2	3.3	13.9	7.5	5.6	11.4
0.286	57.7	3	8:28 AM	61.3	8658	26.75	21.42	17.21	12.73	10.04	6.54	4.71	3.6	18	63.3	1.08	52.6	6,351	9.8	3.3	13.7	7.4	5.6	11.1
0.286	57.7	4	8:28 AM	61.3	8877	27.5	22.26	18.01	13.29	10.47	6.87	4.88	3.7	18	63.3	1.07	52.6	6,261	9.6	3.3	13.8	7.4	5.5	11.1
0.380	57.4	1	8:29 AM	60.9	6606	26.71	20.37	15.35	9.9	6.84	3.74	2.5	2	15	63.0	1.10	67.8	6,352	9.8	2.3	10.7	7.2	5.4	8.6
0.380	57.4	2	8:29 AM	60.9	6683	25.63	19.41	14.89	9.75	6.85	3.82	2.58	2	14	63.0	1.10	64.7	6,520	10.1	2.4	11.0	7.2	5.4	9.0
0.380	57.4	3	8:29 AM	60.9	8603	33.96	25.83	19.71	12.88	8.94	5	3.33	2.6	19	63.0	1.09	66.2	6,396	9.9	2.4	10.9	7.2	5.4	8.8
0.380	57.4	4	8:29 AM	60.9	8899	35.29	26.78	20.48	13.42	9.31	5.21	3.46	2.7	20	63.0	1.09	66.5	6,358	9.8	2.4	10.9	7.2	5.4	8.8
0.472	57.2	1	8:30 AM	60.5	6529	48.35	30.91	18.26	9.69	6.59	3.76	2.67	2.2	19	62.8	1.10	117.6	4,900	7.2	0.9	6.9	6.6	4.8	5.0
0.472	57.2	2	8:30 AM	60.5	6540	45	29.16	17.7	9.76	6.63	3.73	2.8	2.2	18	62.8	1.10	109.9	5,071	7.5	1.0	7.3	6.6	4.9	5.3
0.472	57.2	3	8:30 AM	60.5	8339	58.23	38.04	23.27	12.76	8.64	4.84	3.57	2.9	24	62.8	1.10	111.3	4,979	7.4	1.0	7.3	6.6	4.9	5.3
0.472	57.2	4	8:30 AM	60.5	8778	61.09	40.27	24.83	13.66	9.26	5.23	3.78	3	26	62.8	1.09	110.8	4,942	7.3	1.1	7.3	6.6	4.9	5.3

0.570	57.1	1	8:31 AM	61.2	6606	38.22	23.46	14.66	8.04	5.43	3.42	2.61	2.1	13	63.2	1.10	94.1	6,142	9.4	1.1	7.8	6.9	5.1	6.2
0.570	57.1	2	8:31 AM	61.2	6617	33.27	21.94	14.02	7.89	5.43	3.41	2.59	2.2	12	63.2	1.10	82.8	6,584	10.2	1.5	8.6	7.0	5.2	7.1
0.570	57.1	3	8:31 AM	61.2	8515	43.03	28.45	18.33	10.34	7.17	4.51	3.41	2.7	16	63.2	1.10	83.0	6,480	10.1	1.5	8.6	7.0	5.2	7.0
0.570	57.1	4	8:31 AM	61.2	8877	44.78	29.7	19.26	10.91	7.56	4.74	3.58	2.9	17	63.2	1.10	82.8	6,447	10.0	1.5	8.7	7.0	5.2	7.1
0.670	57	1	8:32 AM	60.3	6529	46.62	27.25	16.01	8.5	5.97	3.45	2.33	1.8	17	62.7	1.10	114.5	5,242	7.8	0.8	6.9	6.6	4.9	5.1
0.670	57	2	8:32 AM	60.3	6606	43.44	25.8	15.59	8.49	6.02	3.48	2.35	1.9	17	62.7	1.10	106.1	5,472	8.2	1.0	7.3	6.7	5.0	5.5
0.670	57	3	8:32 AM	60.3	8504	55.43	33.7	20.23	11.02	7.79	4.46	3.08	2.5	22	62.7	1.10	105.2	5,482	8.2	1.0	7.4	6.7	5.0	5.6
0.670	57	4	8:32 AM	60.3	8844	57.18	34.68	21.09	11.62	8.18	4.69	3.23	2.6	23	62.7	1.10	104.4	5,478	8.2	1.0	7.4	6.7	5.0	5.6
0.760	56.8	1	8:33 AM	60.9	6694	23	14.98	10.23	5.93	3.75	2.61	2.01	1.7	9.7	63.0	1.12	60.3	9,639	16.2	1.7	9.7	7.4	5.7	9.7
0.760	56.8	2	8:33 AM	60.9	6704	22.07	14.33	9.92	5.93	3.81	2.63	2.06	1.7	9.5	63.0	1.12	58.1	9,765	16.5	1.8	10.0	7.4	5.7	10.1
0.760	56.8	3	8:33 AM	60.9	8691	28.52	18.51	12.9	7.69	4.91	3.33	2.63	2.2	13	63.0	1.13	58.0	9,809	16.6	1.8	10.0	7.4	5.7	10.1
0.760	56.8	4	8:33 AM	60.9	8987	29.36	19.08	13.33	7.97	5.09	3.44	2.73	2.3	13	63.0	1.13	57.8	9,817	16.6	1.8	10.0	7.5	5.7	10.1
0.858	57.9	1	8:34 AM	60.9	6518	16.28	11.62	8.4	5.51	4.25	2.93	2.31	1.9	8.3	63.0	1.11	45.6	10,161	17.3	2.6	12.5	7.7	5.9	12.8
0.858	57.9	2	8:34 AM	60.9	6573	15.65	11.25	8.16	5.44	4.21	2.93	2.28	1.9	8.1	63.0	1.11	43.8	10,459	17.9	2.7	12.8	7.8	6.0	13.3
0.858	57.9	3	8:34 AM	60.9	8526	20.16	14.53	10.54	7.06	5.44	3.76	2.92	2.4	11	63.0	1.12	43.6	10,511	18.1	2.7	12.8	7.8	6.0	13.4
0.858	57.9	4	8:34 AM	60.9	8921	20.95	15.2	11.02	7.38	5.69	3.93	3.04	2.5	11	63.0	1.12	43.4	10,540	18.1	2.7	12.9	7.8	6.0	13.5
0.950	57.9	1	8:35 AM	59.8	6617	13.96	10.36	7.94	5.67	4.52	3.13	2.41	1.8	8	62.3	1.11	39.8	10,414	17.8	3.1	14.1	7.9	6.0	14.7
0.950	57.9	2	8:35 AM	59.8	6726	13.54	10.09	7.82	5.67	4.56	3.18	2.44	1.9	7.9	62.3	1.11	38.3	10,606	18.3	3.2	14.5	7.9	6.1	15.3
0.950	57.9	3	8:35 AM	59.8	8669	17.51	13.07	10.13	7.33	5.87	4.07	3.13	2.4	10	62.3	1.12	38.4	10,605	18.2	3.1	14.5	7.9	6.1	15.2
0.950	57.9	4	8:35 AM	59.8	8921	17.82	13.44	10.45	7.56	6.07	4.22	3.22	2.5	10	62.3	1.11	38.1	10,597	18.2	3.2	14.6	7.9	6.1	15.4
1.045	57	1	8:36 AM	60.2	6814	18.09	14.8	11.99	8.74	6.55	3.8	2.57	2.1	12	62.6	1.10	47.4	7,608	12.2	3.2	13.9	7.6	5.7	12.4
1.045	57	2	8:36 AM	60.2	6902	17.86	14.52	11.77	8.57	6.48	3.82	2.61	2.1	12	62.6	1.10	46.4	7,793	12.5	3.2	14.1	7.6	5.8	12.6
1.045	57	3	8:36 AM	60.2	8844	23.63	19.13	15.63	11.39	8.58	5.04	3.43	2.7	16	62.6	1.10	47.5	7,543	12.1	3.2	13.9	7.6	5.7	12.3
1.045	57	4	8:36 AM	60.2	9075	24.41	19.74	16.19	11.78	8.89	5.25	3.55	2.7	16	62.6	1.10	47.8	7,474	11.9	3.2	13.9	7.6	5.7	12.2
1.139	57.2	1	8:37 AM	60.9	6650	30.94	19.72	12.72	7.3	5.07	3.02	2.19	1.7	13	63.0	1.11	78.0	7,100	11.2	1.5	8.8	7.1	5.3	7.5
1.139	57.2	2	8:37 AM	60.9	6704	29.59	19.03	12.44	7.27	5.05	3.02	2.21	1.8	13	63.0	1.11	74.4	7,327	11.6	1.6	9.0	7.1	5.4	7.9
1.139	57.2	3	8:37 AM	60.9	8603	38.33	24.96	16.41	9.57	6.67	3.99	2.83	2.2	17	63.0	1.11	74.9	7,184	11.4	1.6	9.1	7.1	5.3	7.8
1.139	57.2	4	8:37 AM	60.9	8899	39.58	25.91	17.11	10	6.95	4.13	2.98	2.4	18	63.0	1.11	74.8	7,162	11.3	1.6	9.1	7.1	5.3	7.8
1.233	57.2	1	8:38 AM	60.9	6650	29.15	18.61	12.02	6.72	4.6	2.88	2.22	1.8	12	63.0	1.12	74.1	7,685	12.3	1.5	8.9	7.1	5.4	7.9
1.233	57.2	2	8:38 AM	60.9	6628	27.28	17.5	11.46	6.51	4.51	2.85	2.22	1.8	12	63.0	1.12	70.1	7,989	12.9	1.6	9.2	7.2	5.4	8.3
1.233	57.2	3	8:38 AM	60.9	8592	35.09	22.85	15.07	8.55	5.99	3.77	2.92	2.4	15	63.0	1.12	69.6	7,917	12.8	1.6	9.3	7.2	5.4	8.4
1.233	57.2	4	8:38 AM	60.9	8921	36.39	23.69	15.72	8.98	6.26	3.93	3.05	2.5	16	63.0	1.12	69.5	7,895	12.7	1.7	9.3	7.2	5.4	8.4
1.327	57.3	1	8:39 AM	60.7	6496	35.99	21.91	13.64	7.73	5.31	3.09	2.22	1.8	15	62.9	1.11	91.1	6,293	9.7	1.2	8.0	6.9	5.1	6.4
1.327	57.3	2	8:39 AM	60.7	6551	33.89	21.03	13.19	7.66	5.28	3.04	2.28	1.8	15	62.9	1.11	85.7	6,555	10.2	1.3	8.3	7.0	5.2	6.8
1.327	57.3	3	8:39 AM	60.7	8416	43.43	27.59	17.3	9.93	6.88	4.02	2.8	2.3	19	62.9	1.11	85.4	6,515	10.1	1.4	8.4	7.0	5.2	6.9
1.327	57.3	4	8:39 AM	60.7	8910	45.76	29	18.45	10.65	7.37	4.37	2.91	2.4	21	62.9	1.11	84.8	6,490	10.1	1.4	8.4	7.0	5.2	6.9
1.420	57.4	1	8:40 AM	61.2	6397	41.91	27.26	17.73	10.11	6.77	3.72	2.87	2.2	20	63.2	1.09	104.7	5,080	7.5	1.2	7.7	6.7	4.9	5.6
1.420	57.4	2	8:40 AM	61.2	6397	39.78	26.32	17.43	10.11	6.8	3.74	2.68	2.2	19	63.2	1.09	99.7	5,196	7.7	1.3	8.0	6.7	5.0	5.9
1.420	57.4	3	8:40 AM	61.2	8197	52.38	34.8	23.01	13.25	8.85	4.87	3.47	2.9	25	63.2	1.09	102.1	5,087	7.5	1.3	7.9	6.7	5.0	5.7
1.420	57.4	4	8:40 AM	61.2	8658	55.76	37.03	24.6	14.19	9.44	5.19	3.7	3	27	63.2	1.09	102.8	5,042	7.5	1.3	7.8	6.7	5.0	5.7
1.522	57.5	1	8:41 AM	60.4	6189	47.27	30.52	18.83	10.97	7.48	4.02	2.7	2.1	19	62.7	1.09	120.2	4,404	6.4	1.0	7.1	6.5	4.8	4.9
1.522	57.5	2	8:41 AM	60.4	6331	43.94	27.11	18.05	10.82	7.47	4.09	2.78	2.2	19	62.7	1.09	109.9	4,669	6.8	1.2	7.6	6.6	4.9	5.3
1.522	57.5	3	8:41 AM	60.4	8131	57.42	35.13	23.95	14.28	9.83	5.38	3.65	2.8	25	62.7	1.09	111.5	4,572	6.7	1.2	7.6	6.6	4.9	5.2
1.522	57.5	4	8:41 AM	60.4	8614	60.48	37.22	25.65	15.33	10.53	5.75	3.94	3	27	62.7	1.09	110.9	4,557	6.6	1.3	7.6	6.6	4.9	5.3

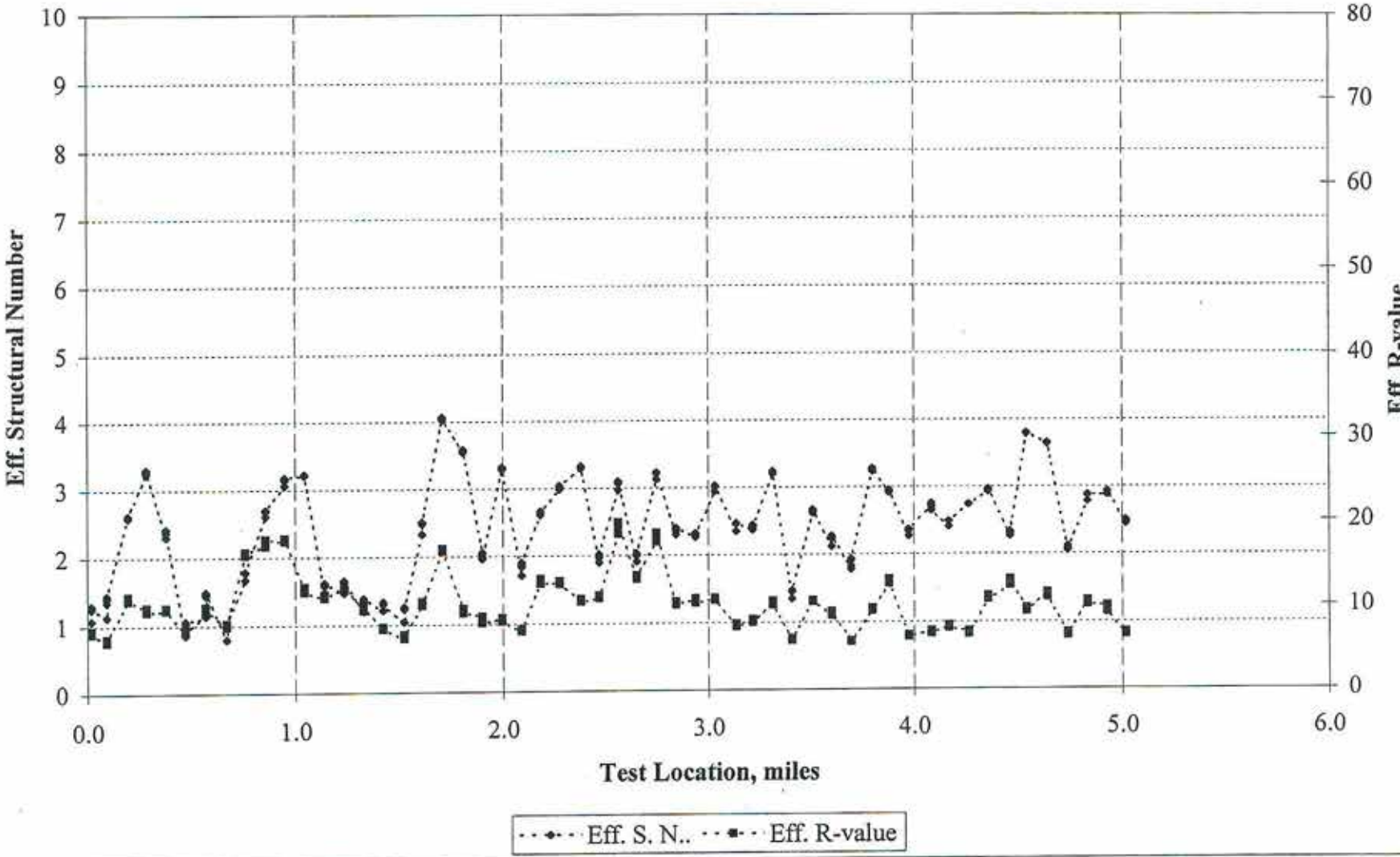
1.610	57.4	1	8:42 AM	60.8	6551	25.73	18.04	13.04	8.69	6.5	4.08	3	2.4	13	63.0	1.09	65.7	6,595	10.3	2.3	10.8	7.2	5.4	8.9
1.610	57.4	2	8:42 AM	60.8	6617	24.12	17.1	12.56	8.54	6.47	4.09	3.05	2.4	13	63.0	1.09	61.5	6,844	10.7	2.5	11.3	7.3	5.5	9.5
1.610	57.4	3	8:42 AM	60.8	8482	31.44	22.39	16.45	11.19	8.46	5.37	3.99	3.2	17	63.0	1.09	62.3	6,717	10.5	2.5	11.3	7.3	5.5	9.4
1.610	57.4	4	8:42 AM	60.8	8811	32.6	23.26	17.12	11.71	8.88	5.65	4.13	3.3	17	63.0	1.09	62.2	6,677	10.4	2.5	11.3	7.3	5.4	9.4
1.707	57.5	1	8:43 AM	61.7	6913	11.25	9.39	8.02	6.42	5.28	3.67	2.74	2.2	8	63.6	1.10	32.0	9,818	16.6	4.0	18.1	8.1	6.2	18.3
1.707	57.5	2	8:43 AM	61.7	6946	11.04	9.2	7.85	6.3	5.23	3.65	2.67	2.2	7.9	63.6	1.10	31.5	9,950	16.9	4.1	18.3	8.1	6.2	18.6
1.707	57.5	3	8:43 AM	61.7	8954	14.48	12.04	10.31	8.29	6.79	4.65	3.54	2.8	10	63.6	1.10	31.9	9,889	16.8	4.0	18.1	8.1	6.2	18.3
1.707	57.5	4	8:43 AM	61.7	9042	14.66	12.19	10.41	8.39	6.88	4.72	3.56	2.9	10	63.6	1.10	32.0	9,855	16.7	4.0	18.1	8.1	6.2	18.3
1.808	57.8	1	8:44 AM	61.2	6694	18.94	15.43	12.83	9.81	7.83	5.08	3.44	2.5	13	63.2	1.08	48.8	6,384	9.9	3.5	14.8	7.5	5.6	12.0
1.808	57.8	2	8:44 AM	61.2	6628	18.88	15.29	12.7	9.75	7.85	5.12	3.49	2.5	13	63.2	1.07	49.0	6,308	9.7	3.6	14.8	7.5	5.6	11.9
1.808	57.8	3	8:44 AM	61.2	8537	24.7	20.15	16.81	12.91	10.37	6.72	4.61	3.4	17	63.2	1.07	49.6	6,156	9.5	3.6	14.8	7.5	5.6	11.8
1.808	57.8	4	8:44 AM	61.2	8899	25.95	21.2	17.72	13.65	10.94	7.11	4.86	3.5	18	63.2	1.07	49.9	6,085	9.3	3.6	14.8	7.5	5.6	11.7
1.899	58.8	1	8:45 AM	60.8	6573	30.44	22.57	16.62	10.46	7.11	3.82	2.76	2.1	16	63.0	1.10	76.4	5,864	8.9	2.1	9.8	7.0	5.2	7.7
1.899	58.8	2	8:45 AM	60.8	6364	30.34	22.13	16.28	10.23	7.03	3.87	2.67	2.1	16	63.0	1.09	78.2	5,724	8.7	2.0	9.7	7.0	5.2	7.5
1.899	58.8	3	8:45 AM	60.8	8175	40.72	30.18	21.84	13.69	9.35	5.14	3.61	2.8	22	63.0	1.09	81.1	5,507	8.3	2.0	9.5	7.0	5.2	7.2
1.899	58.8	4	8:45 AM	60.8	8669	43.89	32.06	23.48	14.7	10.01	5.54	3.87	3	23	63.0	1.09	82.3	5,440	8.2	2.0	9.5	6.9	5.1	7.1
1.997	58.8	1	8:46 AM	61.9	6606	22.4	18.17	14.79	10.93	8.59	5.61	4.01	3.1	14	63.7	1.07	56.5	5,685	8.6	3.3	13.5	7.3	5.4	10.4
1.997	58.8	2	8:46 AM	61.9	6726	22.26	18.06	14.78	10.93	8.63	5.67	4.05	3.1	14	63.7	1.07	55.3	5,773	8.8	3.3	13.7	7.4	5.5	10.6
1.997	58.8	3	8:46 AM	61.9	8614	29.26	23.74	19.44	14.37	11.36	7.43	5.32	4.1	19	63.7	1.06	56.5	5,617	8.5	3.3	13.6	7.3	5.4	10.4
1.997	58.8	4	8:46 AM	61.9	8855	30.46	24.73	20.27	15.04	11.87	7.77	5.56	4.2	20	63.7	1.06	57.1	5,530	8.3	3.3	13.5	7.3	5.4	10.3
2.090	59.6	1	8:47 AM	62.2	6364	38.2	24.51	16.86	10.79	7.97	4.72	3.11	2.3	18	63.9	1.07	94.8	4,830	7.1	1.7	8.7	6.8	5.0	6.2
2.090	59.6	2	8:47 AM	62.2	6419	36.22	23.49	16.38	10.63	7.9	4.7	3.12	2.3	18	63.9	1.07	89.6	5,009	7.4	1.8	9.0	6.8	5.0	6.5
2.090	59.6	3	8:47 AM	62.2	8263	46.69	31.07	21.65	14.06	10.39	6.15	4.11	3	23	63.9	1.07	89.7	4,944	7.3	1.9	9.1	6.8	5.0	6.5
2.090	59.6	4	8:47 AM	62.2	8822	49.74	33.36	23.37	15.19	11.24	6.74	4.42	3.2	25	63.9	1.07	89.3	4,911	7.2	1.9	9.1	6.8	5.0	6.5
2.182	61.1	1	8:48 AM	61.8	6661	20.57	15.46	11.52	7.77	5.64	3.36	2.48	2	12	63.6	1.10	53.9	7,966	12.9	2.6	12.0	7.5	5.6	10.9
2.182	61.1	2	8:48 AM	61.8	6650	19.73	14.8	11.11	7.52	5.51	3.34	2.43	2	11	63.6	1.10	52.1	8,193	13.3	2.7	12.2	7.5	5.7	11.2
2.182	61.1	3	8:48 AM	61.8	8603	26.26	19.72	14.86	10.05	7.33	4.37	3.19	2.6	15	63.6	1.10	53.3	7,966	12.9	2.6	12.1	7.5	5.7	11.0
2.182	61.1	4	8:48 AM	61.8	8877	27.18	20.43	15.41	10.39	7.62	4.53	3.28	2.7	16	63.6	1.10	53.4	7,920	12.8	2.6	12.1	7.5	5.7	11.0
2.275	63.8	1	8:49 AM	62.2	6650	18.57	14.32	11.11	7.7	5.95	3.99	3.06	2.5	10	63.9	1.09	48.8	7,927	12.8	3.0	13.2	7.6	5.7	12.0
2.275	63.8	2	8:49 AM	62.2	6704	18.17	13.98	10.91	7.64	5.94	3.98	3.06	2.5	10	63.9	1.09	47.7	8,051	13.0	3.0	13.5	7.6	5.8	12.3
2.275	63.8	3	8:49 AM	62.2	8669	23.84	18.35	14.34	10	7.75	5.19	4	3.3	14	63.9	1.09	48.2	7,966	12.9	3.0	13.4	7.6	5.7	12.1
2.275	63.8	4	8:49 AM	62.2	8932	24.7	19.08	14.92	10.43	8.07	5.42	4.11	3.3	14	63.9	1.09	48.4	7,894	12.7	3.0	13.4	7.6	5.7	12.1
2.379	64.9	1	8:49 AM	61.4	6617	19.02	15.18	12.27	8.97	7.1	4.68	3.41	2.6	12	63.4	1.08	49.6	6,857	10.8	3.3	14.0	7.5	5.6	11.8
2.379	64.9	2	8:49 AM	61.4	6661	18.71	15	12.14	8.95	7.06	4.68	3.42	2.7	12	63.4	1.08	48.7	6,955	10.9	3.3	14.2	7.6	5.7	12.0
2.379	64.9	3	8:49 AM	61.4	8592	24.74	19.85	16.11	11.82	9.31	6.13	4.47	3.5	16	63.4	1.08	49.7	6,800	10.6	3.3	14.1	7.5	5.6	11.8
2.379	64.9	4	8:49 AM	61.4	8954	25.92	20.83	16.87	12.43	9.77	6.42	4.66	3.6	17	63.4	1.08	49.9	6,755	10.6	3.3	14.0	7.5	5.6	11.7
2.468	66.1	1	8:50 AM	61.7	6518	27.52	19.05	13.45	7.94	5.56	3.3	2.39	1.8	14	63.6	1.10	70.7	6,991	11.0	1.9	9.7	7.2	5.4	8.3
2.468	66.1	2	8:50 AM	61.7	6573	26.65	18.56	13.18	7.86	5.52	3.34	2.41	1.8	14	63.6	1.10	68.2	7,179	11.4	2.0	10.0	7.2	5.4	8.6
2.468	66.1	3	8:50 AM	61.7	8515	34.65	24.37	17.42	10.41	7.36	4.44	3.22	2.5	18	63.6	1.10	68.3	7,052	11.1	2.0	10.0	7.2	5.4	8.6
2.468	66.1	4	8:50 AM	61.7	8877	36.2	25.49	18.27	10.95	7.73	4.66	3.35	2.6	19	63.6	1.10	68.4	7,016	11.1	2.0	10.0	7.2	5.4	8.5
2.562	66.3	1	8:51 AM	61.6	6507	13.84	10.4	7.98	5.46	4.25	2.91	2.23	1.8	7.8	63.5	1.11	39.9	10,724	18.5	3.0	13.9	7.9	6.1	14.7
2.562	66.3	2	8:51 AM	61.6	6540	13	9.8	7.6	5.26	4.15	2.88	2.21	1.8	7.4	63.5	1.11	37.8	11,166	19.4	3.1	14.3	7.9	6.1	15.5
2.562	66.3	3	8:51 AM	61.6	8548	16.66	12.61	9.8	6.84	5.37	3.74	2.88	2.3	9.6	63.5	1.11	37.3	11,310	19.7	3.1	14.4	7.9	6.1	15.7
2.562	66.3	4	8:51 AM	61.6	8899	17.22	13.03	10.16	7.11	5.57	3.89	3.01	2.5	10	63.5	1.11	37.1	11,363	19.9	3.1	14.5	8.0	6.1	15.8

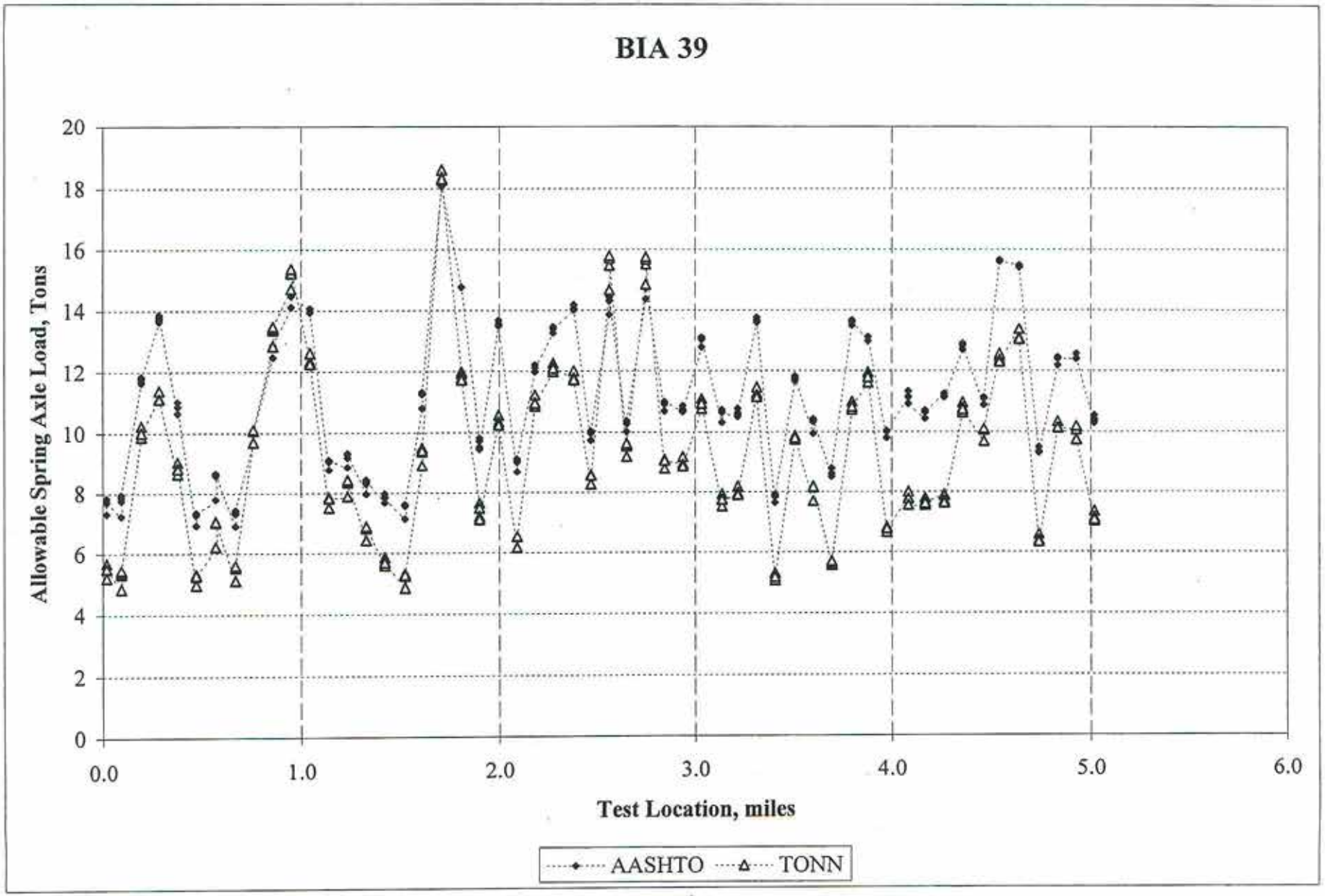
2.650	65.8	1	8:52 AM	61.9	6540	24.21	16.7	11.35	6.71	4.7	2.8	2.1	1.7	11 63.7	1.11	63.6	8,151	13.2	1.9	10.0	7.3	5.5	9.2
2.650	65.8	2	8:52 AM	61.9	6562	23.27	16.18	11.08	6.63	4.69	2.81	2.11	1.7	11 63.7	1.11	61.3	8,334	13.6	2.0	10.3	7.4	5.6	9.5
2.650	65.8	3	8:52 AM	61.9	8548	30.02	20.98	14.48	8.73	6.15	3.67	2.72	2.2	14 63.7	1.11	60.8	8,339	13.6	2.0	10.4	7.4	5.6	9.6
2.650	65.8	4	8:52 AM	61.9	8921	31.3	21.85	15.13	9.14	6.42	3.81	2.86	2.3	15 63.7	1.11	60.7	8,342	13.6	2.0	10.4	7.4	5.6	9.6
2.747	61.7	1	8:53 AM	61.2	6573	13.74	10.52	8.28	5.93	4.59	2.95	2.2	1.8	8.5 63.2	1.11	39.4	10,274	17.6	3.1	14.3	7.9	6.0	14.9
2.747	61.7	2	8:53 AM	61.2	6595	13.06	10.05	7.99	5.76	4.5	2.95	2.21	1.8	8.2 63.2	1.11	37.7	10,597	18.2	3.2	14.7	7.9	6.1	15.5
2.747	61.7	3	8:53 AM	61.2	8603	16.79	12.91	10.26	7.42	5.79	3.78	2.85	2.3	11 63.2	1.11	37.4	10,746	18.5	3.2	14.8	7.9	6.1	15.7
2.747	61.7	4	8:53 AM	61.2	9031	17.5	13.47	10.72	7.76	6.07	3.97	2.99	2.5	11 63.2	1.11	37.1	10,776	18.6	3.2	14.8	7.9	6.1	15.7
2.843	60.9	1	8:54 AM	62.3	6353	25.59	18.27	12.99	8.35	6.29	4.17	3.09	2.4	13 63.9	1.08	66.6	6,540	10.2	2.3	10.7	7.2	5.4	8.8
2.843	60.9	2	8:54 AM	62.3	6408	24.75	17.69	12.66	8.22	6.2	4.1	3.1	2.4	13 63.9	1.08	64.3	6,741	10.5	2.4	10.9	7.3	5.4	9.1
2.843	60.9	3	8:54 AM	62.3	8296	32.28	23.22	16.77	10.97	8.26	5.46	4.09	3.2	17 63.9	1.08	64.6	6,604	10.3	2.4	11.0	7.2	5.4	9.1
2.843	60.9	4	8:54 AM	62.3	8767	34.11	24.62	17.84	11.7	8.79	5.82	4.34	3.4	18 63.9	1.08	64.6	6,576	10.2	2.4	11.0	7.2	5.4	9.1
2.938	60.3	1	8:55 AM	62.5	6408	25.02	18.24	13.47	8.48	6.04	3.61	2.69	2.2	13 64.1	1.09	65.4	6,820	10.7	2.3	10.7	7.2	5.4	8.9
2.938	60.3	2	8:55 AM	62.5	6441	24.39	17.86	13.22	8.41	6.01	3.62	2.7	2.2	13 64.1	1.09	63.6	6,946	10.9	2.3	10.9	7.3	5.5	9.2
2.938	60.3	3	8:55 AM	62.5	8416	32.98	24.26	18.03	11.46	8.14	4.82	3.55	2.9	18 64.1	1.09	65.5	6,705	10.5	2.3	10.7	7.2	5.4	8.9
2.938	60.3	4	8:55 AM	62.5	8866	35.09	25.83	19.23	12.22	8.69	5.13	3.75	3	19 64.1	1.09	66.0	6,625	10.3	2.3	10.7	7.2	5.4	8.9
3.033	60.2	1	8:56 AM	61.9	6386	20.41	17.42	15.01	12.34	6.58	4.47	3.28	2.6	12 63.7	1.08	54.3	6,896	10.8	2.9	12.8	7.4	5.6	10.8
3.033	60.2	2	8:56 AM	61.9	6452	19.92	16.98	14.63	12.09	6.64	4.52	3.34	2.5	12 63.7	1.08	52.7	6,968	11.0	3.0	13.1	7.5	5.6	11.1
3.033	60.2	3	8:56 AM	61.9	8438	26.53	22.66	19.52	16.48	8.83	5.99	4.39	3.4	16 63.7	1.08	53.5	6,850	10.7	3.0	13.0	7.4	5.6	10.9
3.033	60.2	4	8:56 AM	61.9	8866	27.91	23.92	20.57	17.09	9.35	6.35	4.65	3.6	17 63.7	1.08	53.5	6,808	10.7	3.0	13.0	7.4	5.6	10.9
3.138	60.1	1	8:57 AM	62.1	6342	30.87	22.07	16.48	11.15	8.39	5.3	3.81	3.2	17 63.8	1.07	77.8	5,083	7.5	2.3	10.3	7.0	5.2	7.5
3.138	60.1	2	8:57 AM	62.1	6452	29.56	21.25	16.02	11	8.36	5.33	3.87	3	16 63.8	1.07	73.7	5,263	7.9	2.5	10.7	7.0	5.2	7.9
3.138	60.1	3	8:57 AM	62.1	8372	39.38	28.38	21.44	14.64	11.24	7.09	5.08	4	22 63.8	1.07	75.3	5,095	7.6	2.5	10.6	7.0	5.2	7.8
3.138	60.1	4	8:57 AM	62.1	8844	41.76	30.1	22.79	15.64	11.98	7.56	5.42	4.2	23 63.8	1.06	75.6	5,058	7.5	2.5	10.6	7.0	5.2	7.7
3.218	59.7	1	8:58 AM	62.4	6255	28.67	21.32	16	10.5	7.72	4.7	3.38	2.6	16 64.0	1.07	74.1	5,429	8.1	2.4	10.5	7.0	5.2	7.9
3.218	59.7	2	8:58 AM	62.4	6288	27.72	20.61	15.56	10.34	7.66	4.71	3.41	2.7	15 64.0	1.07	71.6	5,552	8.4	2.4	10.8	7.1	5.3	8.2
3.218	59.7	3	8:58 AM	62.4	8186	37.2	27.71	20.91	13.89	10.24	6.28	4.54	3.6	21 64.0	1.07	73.4	5,400	8.1	2.4	10.6	7.1	5.2	8.0
3.218	59.7	4	8:58 AM	62.4	8691	39.87	29.67	22.41	14.87	10.98	6.7	4.83	3.8	22 64.0	1.07	74.0	5,347	8.0	2.4	10.6	7.0	5.2	7.9
3.315	60	1	8:59 AM	63.0	6452	19.45	16.11	13.04	9.36	7.07	4.05	2.61	2.2	13 64.4	1.08	51.8	6,680	10.4	3.2	13.6	7.5	5.6	11.3
3.315	60	2	8:59 AM	63.0	6441	19.07	15.63	12.7	9.09	7.01	4.11	2.43	1.8	13 64.4	1.08	51.0	6,741	10.5	3.2	13.8	7.5	5.6	11.5
3.315	60	3	8:59 AM	63.0	8383	25.52	21.03	17.13	12.32	9.43	5.45	3.5	2.5	17 64.4	1.08	52.1	6,528	10.1	3.2	13.7	7.5	5.6	11.2
3.315	60	4	8:59 AM	63.0	8888	27.26	22.44	18.34	13.29	10.08	5.81	3.86	3	18 64.4	1.08	52.5	6,475	10.0	3.2	13.6	7.5	5.6	11.1
3.408	59.8	1	9:00 AM	61.6	6112	45.61	30.31	19.69	11.91	8.47	5.06	3.76	2.9	22 63.5	1.07	115.4	4,142	5.9	1.4	7.6	6.5	4.8	5.1
3.408	59.8	2	9:00 AM	61.6	6145	43.73	29.64	19.62	12	8.58	5.15	3.71	2.9	21 63.5	1.07	110.3	4,215	6.1	1.5	7.9	6.6	4.8	5.3
3.408	59.8	3	9:00 AM	61.6	7966	58.2	41.13	26.51	16.07	11.41	6.79	4.74	3.7	28 63.5	1.07	112.9	4,108	5.9	1.5	7.8	6.5	4.8	5.2
3.408	59.8	4	9:00 AM	61.6	8548	62.52	44.32	28.94	17.52	12.41	7.36	5.16	4	31 63.5	1.07	113.0	4,075	5.8	1.5	7.9	6.5	4.8	5.2
3.509	60.5	1	9:01 AM	61.9	6726	23.75	18.45	14.04	9.42	6.8	3.82	2.59	2.1	14 63.7	1.09	60.0	6,773	10.6	2.6	11.7	7.3	5.5	9.8
3.509	60.5	2	9:01 AM	61.9	6463	22.53	17.39	13.28	9	6.57	3.79	2.63	2.1	13 63.7	1.09	59.2	6,777	10.6	2.7	11.8	7.3	5.5	9.9
3.509	60.5	3	9:01 AM	61.9	8361	29.61	22.86	17.42	11.82	8.58	4.93	3.42	2.7	17 63.7	1.09	60.0	6,700	10.5	2.6	11.7	7.3	5.5	9.8
3.509	60.5	4	9:01 AM	61.9	8800	30.96	23.91	18.23	12.39	9.02	5.17	3.61	2.9	18 63.7	1.09	59.6	6,720	10.5	2.6	11.8	7.3	5.5	9.8
3.602	60.6	1	9:02 AM	62.3	6364	29.61	20.81	15.12	9.82	7.04	3.92	2.61	1.9	15 63.9	1.09	76.0	5,776	8.8	2.1	9.9	7.0	5.2	7.7
3.602	60.6	2	9:02 AM	62.3	6496	28.24	19.94	14.64	9.63	6.98	4.02	2.64	2	15 63.9	1.09	71.5	6,038	9.2	2.2	10.3	7.1	5.3	8.2
3.602	60.6	3	9:02 AM	62.3	8405	36.68	26.06	19.2	12.7	9.24	5.25	3.53	2.7	19 63.9	1.08	71.7	5,946	9.1	2.3	10.4	7.1	5.3	8.2
3.602	60.6	4	9:02 AM	62.3	8822	38.51	27.4	20.26	13.37	9.74	5.68	3.62	2.7	21 63.9	1.08	71.6	5,930	9.0	2.3	10.4	7.1	5.3	8.2

3.696	61.1	1	9:03 AM	63.3	6266	42.54	30.63	22.21	13.83	9.86	5.21	3.08	1.9	22	64.6	1.06	105.2	4,018	5.7	1.8	8.5	6.6	4.8	5.6
3.696	61.1	2	9:03 AM	63.3	6288	42.25	29.77	21.81	13.87	10.01	5.39	3.25	2.1	22	64.6	1.06	104.0	4,007	5.7	1.8	8.6	6.6	4.8	5.6
3.696	61.1	3	9:03 AM	63.3	8120	53.71	39.25	28.82	18.51	13.28	7.14	4.31	3	29	64.6	1.06	102.3	3,968	5.7	1.9	8.8	6.6	4.9	5.7
3.696	61.1	4	9:03 AM	63.3	8647	57.32	41.86	30.83	19.88	14.33	7.72	4.67	3.2	31	64.6	1.06	102.5	3,933	5.6	1.9	8.8	6.6	4.9	5.7
3.799	61.1	1	9:04 AM	64.5	6463	20.91	17.22	14.13	10.35	7.78	4.39	2.78	2.1	14	65.4	1.07	54.5	6,109	9.4	3.2	13.5	7.4	5.5	10.7
3.799	61.1	2	9:04 AM	64.5	6496	20.38	16.76	13.77	10.1	7.63	4.32	2.74	2	14	65.4	1.07	53.2	6,268	9.7	3.3	13.7	7.4	5.5	11.0
3.799	61.1	3	9:04 AM	64.5	8438	26.97	22.18	18.2	13.41	10.13	5.71	3.63	2.7	18	65.4	1.07	54.0	6,136	9.4	3.3	13.6	7.4	5.5	10.8
3.799	61.1	4	9:04 AM	64.5	8888	28.46	23.45	19.31	14.2	10.76	6.06	3.86	2.9	19	65.4	1.07	54.0	6,092	9.3	3.3	13.6	7.4	5.5	10.8
3.879	62.9	1	9:05 AM	62.4	6430	18.42	14.87	11.69	8	5.83	3.34	2.31	1.7	11	64.0	1.10	50.3	7,796	12.5	2.9	13.0	7.5	5.7	11.6
3.879	62.9	2	9:05 AM	62.4	6562	18.15	14.55	11.43	7.87	5.76	3.32	2.31	1.7	11	64.0	1.10	48.9	8,058	13.1	2.9	13.1	7.6	5.7	12.0
3.879	62.9	3	9:05 AM	62.4	8482	23.85	19.12	15.04	10.42	7.64	4.41	3.06	2.3	14	64.0	1.10	49.5	7,874	12.7	2.9	13.1	7.6	5.7	11.8
3.879	62.9	4	9:05 AM	62.4	8866	24.98	20.04	15.78	10.95	8.02	4.62	3.2	2.4	15	64.0	1.10	49.6	7,846	12.6	3.0	13.1	7.6	5.7	11.8
3.975	62.2	1	9:06 AM	62.7	6244	34.9	26.69	20.54	13.6	9.76	5.29	3.56	2.8	20	64.2	1.06	88.0	4,345	6.3	2.3	9.8	6.8	5.0	6.7
3.975	62.2	2	9:06 AM	62.7	6255	33.95	25.91	20.02	13.41	9.71	5.43	3.71	2.8	20	64.2	1.06	85.5	4,409	6.4	2.3	10.0	6.8	5.0	6.8
3.975	62.2	3	9:06 AM	62.7	8175	44.8	34.15	26.42	17.79	12.87	7.21	4.87	3.7	26	64.2	1.06	86.2	4,354	6.3	2.3	10.0	6.8	5.0	6.8
3.975	62.2	4	9:06 AM	62.7	8691	47.72	36.33	28.13	19.04	13.91	7.81	5.38	4.2	28	64.2	1.06	86.3	4,304	6.2	2.4	10.0	6.8	5.0	6.8
4.084	63.3	1	9:07 AM	62.7	6298	29.62	23.7	18.96	13.14	9.63	5.52	3.79	3	19	64.2	1.06	75.1	4,658	6.8	2.7	11.1	7.0	5.1	7.8
4.084	63.3	2	9:07 AM	62.7	6353	29	23.2	18.57	12.98	9.59	5.56	3.87	3.1	19	64.2	1.06	73.1	4,740	7.0	2.8	11.3	7.0	5.2	8.0
4.084	63.3	3	9:07 AM	62.7	8219	38.85	31.01	24.86	17.29	12.76	7.38	4.98	3.9	25	64.2	1.06	75.3	4,600	6.7	2.7	11.2	7.0	5.1	7.8
4.084	63.3	4	9:07 AM	62.7	8713	42.53	33.15	26.57	18.4	13.65	7.85	5.4	4.3	27	64.2	1.06	77.5	4,530	6.6	2.6	10.9	6.9	5.1	7.5
4.168	62.8	1	9:08 AM	62.6	6233	30.05	22.95	17.64	11.87	8.52	4.63	3.01	2.3	18	64.1	1.07	77.5	4,992	7.4	2.4	10.4	7.0	5.1	7.5
4.168	62.8	2	9:08 AM	62.6	6298	29.27	22.41	17.28	11.7	8.54	4.71	3.11	2.4	17	64.1	1.07	75.0	5,082	7.5	2.5	10.7	7.0	5.2	7.8
4.168	62.8	3	9:08 AM	62.6	8208	39.04	29.91	23.11	15.74	11.52	6.31	4.18	3.2	23	64.1	1.07	76.4	4,928	7.3	2.5	10.7	7.0	5.2	7.7
4.168	62.8	4	9:08 AM	62.6	8789	42.11	32.21	25.09	17.09	12.44	6.89	4.53	3.5	25	64.1	1.07	76.9	4,888	7.2	2.5	10.6	7.0	5.1	7.6
4.264	61.6	1	9:09 AM	62.7	6408	29.5	23.87	19.22	13.51	9.76	5.28	3.14	2.1	19	64.2	1.07	73.9	4,699	6.9	2.7	11.3	7.0	5.2	7.9
4.264	61.6	2	9:09 AM	62.7	6331	29.31	23.6	19.04	13.4	9.75	5.19	3.43	2.2	19	64.2	1.07	74.3	4,654	6.8	2.7	11.3	7.0	5.1	7.9
4.264	61.6	3	9:09 AM	62.7	8054	38.3	31.47	25.08	17.65	12.84	6.78	4.45	2.9	25	64.2	1.06	76.0	4,505	6.6	2.7	11.2	7.0	5.1	7.7
4.264	61.6	4	9:09 AM	62.7	8702	41.85	34.34	27.39	19.15	14.06	7.48	4.87	3.3	27	64.2	1.06	76.7	4,447	6.5	2.7	11.1	6.9	5.1	7.6
4.357	61.6	1	9:10 AM	64.5	6408	20.69	16.53	13.11	9.11	6.69	3.69	2.38	1.8	13	65.4	1.08	55.0	6,812	10.7	2.9	12.7	7.4	5.6	10.6
4.357	61.6	2	9:10 AM	64.5	6441	20.05	15.95	12.65	8.8	6.53	3.63	2.37	1.8	13	65.4	1.08	53.3	7,029	11.1	3.0	12.9	7.5	5.6	11.0
4.357	61.6	3	9:10 AM	64.5	8427	26.81	21.37	17	11.82	8.79	4.88	3.22	2.5	17	65.4	1.08	54.2	6,844	10.7	3.0	12.8	7.4	5.6	10.8
4.357	61.6	4	9:10 AM	64.5	8877	28.4	22.59	18.02	12.53	9.33	5.21	3.43	2.6	18	65.4	1.08	54.5	6,796	10.6	3.0	12.8	7.4	5.6	10.7
4.463	61.7	1	9:11 AM	64.0	6309	22.12	16.65	12.37	7.81	5.24	2.55	1.64	1.3	12	65.0	1.11	60.4	7,682	12.3	2.3	10.9	7.4	5.5	9.7
4.463	61.7	2	9:11 AM	64.0	6408	21.43	16	11.91	7.56	5.12	2.56	1.69	1.3	11	65.0	1.11	58.0	8,012	13.0	2.3	11.1	7.4	5.6	10.1
4.463	61.7	3	9:11 AM	64.0	8361	28.02	20.86	15.52	9.87	6.69	3.35	2.22	1.7	15	65.0	1.11	58.1	7,999	12.9	2.3	11.1	7.4	5.6	10.1
4.463	61.7	4	9:11 AM	64.0	8800	29.41	21.88	16.3	10.39	7.09	3.59	2.41	1.9	16	65.0	1.11	57.9	7,975	12.9	2.3	11.1	7.4	5.6	10.1
4.541	62.1	1	9:11 AM	64.2	6496	17.68	14.72	12.59	9.84	7.91	4.9	2.52	1.8	13	65.2	1.07	46.9	6,181	9.5	3.8	15.6	7.6	5.6	12.5
4.541	62.1	2	9:11 AM	64.2	6463	17.44	14.51	12.4	9.67	7.8	4.83	2.57	1.9	13	65.2	1.07	46.5	6,236	9.6	3.8	15.7	7.6	5.6	12.6
4.541	62.1	3	9:11 AM	64.2	8449	23.28	19.39	16.57	13	10.47	6.46	3.46	2.6	17	65.2	1.07	47.3	6,072	9.3	3.8	15.6	7.5	5.6	12.4
4.541	62.1	4	9:11 AM	64.2	8800	24.44	20.39	17.41	13.66	11.02	6.84	3.65	2.7	18	65.2	1.06	47.6	6,007	9.2	3.8	15.6	7.5	5.6	12.3
4.640	61.8	1	9:13 AM	64.2	6781	16.81	13.95	11.65	8.84	7	4.39	2.89	2.1	12	65.2	1.08	43.7	7,239	11.5	3.6	15.5	7.7	5.8	13.4
4.640	61.8	2	9:13 AM	64.2	6606	16.4	13.57	11.32	8.57	6.83	4.33	2.85	1.9	12	65.2	1.08	43.8	7,228	11.5	3.6	15.5	7.7	5.8	13.4
4.640	61.8	3	9:13 AM	64.2	8504	21.74	18.04	15.02	11.49	9.12	5.81	3.84	2.7	16	65.2	1.07	44.7	6,973	11.0	3.6	15.4	7.6	5.7	13.1
4.640	61.8	4	9:13 AM	64.2	8877	22.8	18.85	15.72	12	9.56	6.09	4.01	2.8	16	65.2	1.07	44.9	6,943	10.9	3.6	15.4	7.6	5.7	13.0

4.739	62.2	1	9:13 AM	64.3	6156	35.87	27.06	20.47	13.01	8.99	4.77	3.3	2.6	20	65.2	1.06	91.5	4,467	6.5	2.0	9.3	6.8	5.0	6.4
4.739	62.2	2	9:13 AM	64.3	6288	35.45	26.66	20.23	12.87	9.03	4.91	3.4	2.7	20	65.2	1.06	88.7	4,571	6.7	2.1	9.5	6.8	5.0	6.6
4.739	62.2	3	9:13 AM	64.3	8131	47.44	35.63	27.04	17.31	12.05	6.51	4.49	3.6	27	65.2	1.06	91.4	4,425	6.4	2.1	9.4	6.8	5.0	6.4
4.739	62.2	4	9:13 AM	64.3	8869	51.17	38.42	29.26	18.62	13.01	6.97	4.89	3.9	30	65.2	1.06	92.4	4,371	6.3	2.1	9.3	6.8	5.0	6.3
4.834	62.3	1	9:15 AM	64.3	6562	22.59	17.07	13.1	9	6.78	4.4	3.3	2.7	13	65.2	1.07	57.6	6,730	10.5	2.8	12.2	7.4	5.5	10.2
4.834	62.3	2	9:15 AM	64.3	6463	21.78	16.53	12.76	8.86	6.8	4.41	3.3	2.7	13	65.2	1.07	56.5	6,691	10.4	2.9	12.5	7.4	5.5	10.4
4.834	62.3	3	9:15 AM	64.3	8318	28.74	21.93	17.02	11.83	9.05	5.83	4.35	3.5	17	65.2	1.07	57.7	6,486	10.1	2.9	12.4	7.4	5.5	10.1
4.834	62.3	4	9:15 AM	64.3	8844	30.59	23.33	18.17	12.67	9.7	6.19	4.58	3.7	18	65.2	1.07	57.7	6,448	10.0	2.9	12.4	7.4	5.5	10.1
4.928	61.9	1	9:16 AM	64.2	6606	22.85	17.89	14.27	9.85	7.34	4.17	2.83	2.3	14	65.2	1.08	58.1	6,388	9.9	2.9	12.4	7.3	5.5	10.1
4.928	61.9	2	9:16 AM	64.2	6386	21.82	17.18	13.72	9.59	7.15	4.16	2.88	2.2	14	65.2	1.08	57.4	6,375	9.9	2.9	12.6	7.4	5.5	10.2
4.928	61.9	3	9:16 AM	64.2	8109	29.27	23.11	18.53	12.96	9.73	5.65	3.88	3	19	65.2	1.07	59.9	5,972	9.1	2.9	12.4	7.3	5.4	9.8
4.928	61.9	4	9:16 AM	64.2	8647	31.3	24.72	19.84	13.94	10.39	6.12	4.19	3.5	20	65.2	1.07	60.0	5,961	9.1	2.9	12.4	7.3	5.4	9.7
5.018	61.5	1	9:17 AM	63.3	6200	32.48	25.41	20.03	13.56	9.74	4.99	3.04	2.2	20	64.6	1.07	83.0	4,425	6.4	2.4	10.3	6.9	5.0	7.0
5.018	61.5	2	9:17 AM	63.3	6298	31.43	24.31	19.16	13.1	9.5	5	3.1	2.3	19	64.6	1.07	79.5	4,621	6.7	2.5	10.5	6.9	5.1	7.4
5.018	61.5	3	9:17 AM	63.3	8208	42.32	32.94	25.93	17.73	12.83	6.72	4.15	3.1	26	64.6	1.06	81.8	4,463	6.5	2.5	10.4	6.9	5.1	7.2
5.018	61.5	4	9:17 AM	63.3	8756	45.72	35.48	27.9	19.13	13.86	7.3	4.55	3.4	28	64.6	1.06	82.6	4,407	6.4	2.5	10.4	6.9	5.0	7.1

BIA 39


Eff. Structural Number
Eff. R-value
Test Location, miles
0.0
1.0
2.0
3.0
4.0
5.0
6.0
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


BIA 39
Allowable Spring Axle Load, Tons
20
18
16
14
12
10
8
6
4
2
0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
Test Location, miles
AASHTO
TONN

County:	Name
Date Tested:	6/19/2008
Julian:	171
Highway	BIA 35
From:	JCT US 18 at Oglala
To:	Jct US 18
Dir	SB
Prev Day Temp	75 °F
Bit. Thickness	0.5 inches
Daily ESALs	14
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	12,416
Soil Type	P
Drought Adj.	1.00
Seas. Adj. Fact.	1.53

	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
	24.81	16.83	11.57	7.65	5.87	3.90	2.88
		0.68	0.47	0.31	0.24	0.16	0.12

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							
	$_{8}BB_{80}$	Esg	Eff.	Eff SN	Axle Load for Design Defl. Tons			TONN
	mils	psi	R-val	inches	AASHTO			Tons
Avg. =	53.3	8,579	14.3	2.7	12.5			13.7
Median =	50.9	7,992	12.9	2.8	12.4			13.3
Std.Dev. =	14.58	2,356	4.8	0.6	2.2			4.0
85th % =	38.12	6,071	9.3	2.2	10.3			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
0.019	68.4	1	6:59 AM	75.7	8142	10.44	7.33	5.58	4.32	3.68	2.77	1.99	1.7	5.7	69.1	0.96	25.2	15,449	29.0	3.8	18.0	8.4	6.7	26.8
0.019	68.4	2	6:59 AM	75.7	7868	10.07	7.28	5.63	4.38	3.72	2.87	2.04	1.8	5.6	69.1	0.96	25.1	14,917	27.8	3.9	18.4	8.4	6.7	26.9
0.019	68.4	3	6:59 AM	75.7	9184	12.42	8.97	6.91	5.44	4.6	3.3	2.5	1.9	7	69.1	0.96	26.1	14,089	25.9	3.9	18.3	8.4	6.6	25.8
0.019	68.4	4	6:59 AM	75.7	8976	12.07	8.86	6.83	5.39	4.55	3.26	2.45	2	6.8	69.1	0.96	26.0	13,967	25.6	3.9	18.4	8.4	6.6	26.0
0.102	66.9	1	7:01 AM	73.6	7110	22.64	14.03	8.08	3.96	2.44	1.2	0.74	0.5	9.6	66.9	0.99	53.3	12,283	21.9	1.5	9.6	7.6	5.9	12.7
0.102	66.9	2	7:01 AM	73.6	6858	20.73	12.88	7.56	3.78	2.39	1.16	0.7	0.5	8.6	66.9	0.99	51.0	12,522	22.4	1.6	10.0	7.6	5.9	13.2
0.102	66.9	3	7:01 AM	73.6	8636	25.14	15.76	9.43	4.8	3.02	1.46	0.91	0.6	11	66.9	0.99	49.4	12,744	22.9	1.7	10.2	7.7	6.0	13.7
0.102	66.9	4	7:01 AM	73.6	8800	25.38	16.14	9.72	4.94	3.12	1.52	0.93	0.7	10	66.9	0.99	49.0	12,719	22.8	1.7	10.3	7.7	6.0	13.8
0.192	66.3	1	7:02 AM	74.8	7187	25.68	16.94	10.98	6.65	4.77	2.89	1.96	1.6	12	68.2	0.95	56.4	8,309	13.6	2.3	11.2	7.4	5.6	12.0
0.192	66.3	2	7:02 AM	74.8	7154	24.75	16.65	10.95	6.69	4.79	2.9	2	1.5	12	68.2	0.95	54.8	8,392	13.7	2.4	11.5	7.5	5.7	12.3
0.192	66.3	3	7:02 AM	74.8	8745	30.15	21.09	13.67	8.35	5.99	3.58	2.43	1.9	14	68.2	0.95	54.6	8,300	13.5	2.4	11.6	7.5	5.7	12.4
0.192	66.3	4	7:02 AM	74.8	8965	31.19	21.68	14.17	8.69	6.27	3.8	2.51	2	14	68.2	0.95	55.0	8,171	13.3	2.5	11.6	7.5	5.6	12.3
0.292	66.7	1	7:03 AM	73.5	7110	19.67	13.16	8.28	4.48	2.87	1.46	1.04	0.8	7.9	66.8	0.98	46.8	12,174	21.6	2.0	11.0	7.7	6.0	14.4
0.292	66.7	2	7:03 AM	73.5	7023	18.45	12.54	8	4.41	2.86	1.46	1.02	0.8	7.4	66.8	0.98	44.8	12,429	22.2	2.1	11.4	7.8	6.0	15.1
0.292	66.7	3	7:03 AM	73.5	8669	22.26	15.22	9.85	5.48	3.56	1.81	1.29	1	9.1	66.8	0.98	43.9	12,513	22.4	2.2	11.6	7.8	6.1	15.4
0.292	66.7	4	7:03 AM	73.5	8888	22.85	15.56	10.12	5.64	3.67	1.82	1.35	1	9.2	66.8	0.98	44.0	12,471	22.3	2.2	11.6	7.8	6.1	15.3
0.386	65.2	1	7:05 AM	74.8	6650	18.9	14.13	10.5	7.23	5.55	3.67	2.71	2.1	11	68.2	0.94	45.6	7,946	12.8	3.2	14.2	7.7	5.8	14.8
0.386	65.2	2	7:05 AM	74.8	6452	18.45	13.64	10.3	7.17	5.5	3.62	2.71	2	11	68.2	0.94	45.8	7,819	12.6	3.3	14.2	7.6	5.8	14.7
0.386	65.2	3	7:05 AM	74.8	8241	23.86	17.89	13.53	9.43	7.2	4.78	3.45	2.7	14	68.2	0.93	46.2	7,658	12.3	3.3	14.2	7.6	5.8	14.6
0.386	65.2	4	7:05 AM	74.8	8778	25.43	19.17	14.54	10.21	7.77	5.14	3.74	2.9	15	68.2	0.93	46.2	7,589	12.1	3.3	14.3	7.6	5.7	14.6
0.483	66.8	1	7:06 AM	75.3	7418	12.49	9	7.15	5.54	4.66	3.38	2.59	2.1	7.9	68.7	0.95	30.3	11,248	19.6	3.9	17.8	8.2	6.3	22.3
0.483	66.8	2	7:06 AM	75.3	7385	11.86	8.85	7.1	5.52	4.6	3.38	2.61	2.3	7.5	68.7	0.95	29.2	11,421	20.0	4.0	18.3	8.2	6.4	23.1
0.483	66.8	3	7:06 AM	75.3	9009	15.65	11.54	9.3	7.26	6.07	4.42	3.32	2.7	10	68.7	0.94	30.9	10,558	18.2	4.0	18.0	8.1	6.3	21.8
0.483	66.8	4	7:06 AM	75.3	8965	15.65	11.53	9.35	7.29	6.1	4.43	3.33	2.7	10	68.7	0.94	31.0	10,463	18.0	4.0	18.0	8.1	6.3	21.7

0.582	67.1	1	7:07 AM	75.4	7023	17.38	11.54	8.32	5.84	4.78	3.27	2.38	2.1	9.3	68.8	0.95	41.1	9,529	16.0	3.2	14.3	7.8	6.0	16.4
0.582	67.1	2	7:07 AM	75.4	6924	16.65	11.21	8.3	5.88	4.67	3.17	2.44	1.8	9	68.8	0.95	40.2	9,682	16.3	3.2	14.5	7.8	6.0	16.8
0.582	67.1	3	7:07 AM	75.4	8581	21.65	15	11.2	7.92	6.28	4.22	3.15	2.4	12	68.8	0.94	41.7	9,026	15.0	3.3	14.5	7.8	5.9	16.2
0.582	67.1	4	7:07 AM	75.4	8800	22.56	15.7	11.7	8.26	6.59	4.43	3.28	2.6	13	68.8	0.94	42.2	8,842	14.6	3.3	14.5	7.8	5.9	16.0
0.661	67.7	1	7:11 AM	76.2	6737	35.35	23.42	14.63	8.26	5.74	3.49	2.47	2	15	69.7	0.95	79.0	6,076	9.3	1.8	9.3	7.0	5.2	8.5
0.661	67.7	2	7:11 AM	76.2	6639	33.77	22.51	14.37	8.17	5.69	3.44	2.45	2	14	69.7	0.95	76.9	6,147	9.4	1.9	9.5	7.1	5.3	8.8
0.661	67.7	3	7:11 AM	76.2	8197	42.01	28.7	18.31	10.48	7.24	4.27	3.06	2.4	18	69.7	0.95	77.4	6,029	9.2	1.9	9.6	7.0	5.2	8.7
0.661	67.7	4	7:11 AM	76.2	8592	44.47	30.57	19.68	11.26	7.76	4.56	3.25	2.5	20	69.7	0.95	78.0	5,931	9.0	1.9	9.6	7.0	5.2	8.7
0.755	66.3	1	7:12 AM	76.2	6880	19.08	13.73	10.26	7.45	5.93	4.13	2.97	2.3	11	69.7	0.94	44.9	7,834	12.6	3.3	14.5	7.7	5.8	15.0
0.755	66.3	2	7:12 AM	76.2	6704	18.43	13.42	10.11	7.32	5.89	4.09	2.9	2.3	11	69.7	0.94	44.5	7,749	12.5	3.4	14.7	7.7	5.8	15.2
0.755	66.3	3	7:12 AM	76.2	8285	23.99	17.8	13.59	9.85	7.91	5.47	3.96	3.1	14	69.7	0.94	46.4	7,192	11.4	3.4	14.6	7.6	5.7	14.6
0.755	66.3	4	7:12 AM	76.2	8702	25.33	18.84	14.4	10.5	8.4	5.77	4.26	3.3	15	69.7	0.94	46.6	7,125	11.3	3.4	14.6	7.6	5.7	14.5
0.856	66.9	1	7:13 AM	75.4	6617	20.02	14.07	9.91	6.46	5.03	3.28	2.3	1.8	9.6	68.8	0.94	48.5	8,250	13.4	2.9	13.1	7.6	5.8	13.9
0.856	66.9	2	7:13 AM	75.4	6518	19.54	13.73	9.78	6.4	4.97	3.28	2.39	1.8	9.4	68.8	0.94	48.1	8,264	13.5	2.9	13.2	7.6	5.8	14.0
0.856	66.9	3	7:13 AM	75.4	8175	25.53	18.16	13.13	8.69	6.66	4.38	3.22	2.5	13	68.8	0.94	49.7	7,809	12.6	3.0	13.1	7.6	5.7	13.6
0.856	66.9	4	7:13 AM	75.4	8625	27.35	19.5	14.15	9.31	7.19	4.7	3.4	2.6	14	68.8	0.94	50.3	7,653	12.3	3.0	13.1	7.5	5.7	13.4
0.955	67.4	1	7:14 AM	75.6	6683	32.4	19.73	12.65	7.61	5.61	3.65	2.69	2.2	14	69.0	0.94	73.2	6,358	9.8	2.0	9.9	7.1	5.3	9.2
0.955	67.4	2	7:14 AM	75.6	6606	30.92	19.07	12.44	7.57	5.56	3.66	2.78	2.2	13	69.0	0.94	70.8	6,454	10.0	2.1	10.1	7.1	5.3	9.5
0.955	67.4	3	7:14 AM	75.6	8131	39.05	24.64	16.25	9.89	7.31	4.83	3.62	2.9	17	69.0	0.94	72.3	6,156	9.5	2.1	10.1	7.1	5.3	9.3
0.955	67.4	4	7:14 AM	75.6	8493	41.73	26.31	17.44	10.64	7.82	5.15	3.91	3.1	18	69.0	0.94	73.7	6,013	9.2	2.1	10.1	7.1	5.3	9.2
1.045	67.8	1	7:15 AM	75.6	7396	17.26	11.75	8.19	5.63	4.33	2.91	2.07	1.6	8.6	69.0	0.96	39.6	10,706	18.5	3.0	14.0	7.9	6.1	17.1
1.045	67.8	2	7:15 AM	75.6	7286	16.61	11.31	7.94	5.51	4.28	2.88	2.05	1.6	8.2	69.0	0.96	38.8	10,780	18.6	3.1	14.2	7.9	6.1	17.4
1.045	67.8	3	7:15 AM	75.6	8910	20.39	14.09	9.97	6.94	5.48	3.72	2.69	2.1	10	69.0	0.95	38.8	10,458	17.9	3.1	14.4	7.9	6.1	17.4
1.045	67.8	4	7:15 AM	75.6	8921	20.66	14.31	10.13	7.02	5.61	3.83	2.76	2.1	11	69.0	0.95	39.1	10,267	17.5	3.2	14.4	7.9	6.0	17.2
1.137	67.3	1	7:16 AM	74.7	7506	17.98	12.25	8.53	5.73	4.44	2.98	2.19	1.9	8.3	68.1	0.95	40.2	10,531	18.1	3.0	13.9	7.9	6.0	16.8
1.137	67.3	2	7:16 AM	74.7	7560	17.48	12.05	8.45	5.72	4.43	2.93	2.22	1.8	8.2	68.1	0.95	39.1	10,739	18.5	3.0	14.1	7.9	6.1	17.3
1.137	67.3	3	7:16 AM	74.7	9020	21.1	14.67	10.18	6.93	5.33	3.7	2.78	2.5	9.9	68.1	0.95	39.4	10,636	18.3	3.0	14.1	7.9	6.1	17.1
1.137	67.3	4	7:16 AM	74.7	9053	21.39	14.77	10.31	7.02	5.39	3.7	2.78	2.4	10	68.1	0.95	39.7	10,546	18.1	3.0	14.0	7.9	6.0	17.0
1.234	67.1	1	7:17 AM	74.9	7341	18.62	11.89	7.8	5.19	4.06	2.7	1.97	1.5	8.3	68.3	0.96	42.4	10,705	18.5	2.7	13.1	7.8	6.0	15.9
1.234	67.1	2	7:17 AM	74.9	7286	17.55	11.72	7.76	5.15	4.01	2.69	1.95	1.5	8.2	68.3	0.96	40.6	10,971	19.0	2.8	13.4	7.8	6.1	16.6
1.234	67.1	3	7:17 AM	74.9	8789	21.75	14.38	9.54	6.29	4.92	3.33	2.47	2	10	68.3	0.95	41.4	10,741	18.5	2.8	13.3	7.8	6.0	16.3
1.234	67.1	4	7:17 AM	74.9	9119	23	15.17	10.06	6.61	5.13	3.5	2.55	2.1	10	68.3	0.95	42.1	10,625	18.3	2.8	13.2	7.8	6.0	16.0
1.325	67.8	1	7:18 AM	77.1	7275	15.59	9.67	6.22	4.17	3.37	2.32	1.63	1.3	6.6	70.6	0.97	37.5	12,734	22.9	2.8	13.4	8.0	6.2	18.0
1.325	67.8	2	7:18 AM	77.1	7231	14.37	9.19	6.09	4.13	3.34	2.29	1.63	1.3	6.4	70.6	0.97	35.3	13,164	23.8	2.9	14.0	8.0	6.3	19.1
1.325	67.8	3	7:18 AM	77.1	8800	17.77	11.42	7.73	5.3	4.29	2.91	2.14	1.7	8.1	70.6	0.97	35.7	12,666	22.7	3.0	14.2	8.0	6.2	18.9
1.325	67.8	4	7:18 AM	77.1	8943	18.31	11.73	7.97	5.44	4.37	2.98	2.17	1.7	8.4	70.6	0.97	36.1	12,578	22.5	2.9	14.1	8.0	6.2	18.7
1.423	67	1	7:19 AM	75.9	7352	13.5	8.9	6.18	4.31	3.39	2.48	1.9	1.6	6.8	69.4	0.96	32.9	13,599	24.8	3.1	14.8	8.1	6.4	20.5
1.423	67	2	7:19 AM	75.9	7297	12.86	8.61	6.05	4.26	3.43	2.48	1.91	1.6	6.4	69.4	0.96	31.9	13,646	24.9	3.2	15.2	8.1	6.4	21.2
1.423	67	3	7:19 AM	75.9	8855	15.76	10.84	7.81	5.61	4.44	3.15	2.47	2	8.3	69.4	0.96	32.1	13,044	23.5	3.3	15.5	8.1	6.4	21.0
1.423	67	4	7:19 AM	75.9	9009	16.23	11.14	8.03	5.76	4.59	3.26	2.54	2.1	8.5	69.4	0.96	32.4	12,854	23.1	3.3	15.5	8.1	6.3	20.9
1.523	67.2	1	7:21 AM	77.6	7198	13.02	8.76	6.69	4.93	4.03	2.81	2.09	1.8	7.2	71.1	0.96	32.6	12,045	21.3	3.4	15.9	8.1	6.3	20.7
1.523	67.2	2	7:21 AM	77.6	6957	12.36	8.41	6.52	4.86	3.95	2.78	2.1	1.8	6.6	71.1	0.96	32.1	11,990	21.2	3.5	16.2	8.1	6.3	21.0
1.523	67.2	3	7:21 AM	77.6	8614	16.29	11.37	8.91	6.7	5.35	3.59	3.07	1.8	9.2	71.1	0.96	33.7	11,045	19.2	3.5	16.2	8.1	6.2	20.1
1.523	67.2	4	7:21 AM	77.6	8811	16.4	11.84	9.27	6.89	5.58	3.79	2.99	2.1	10	71.1	0.96	33.2	10,933	18.9	3.6	16.5	8.1	6.2	20.3

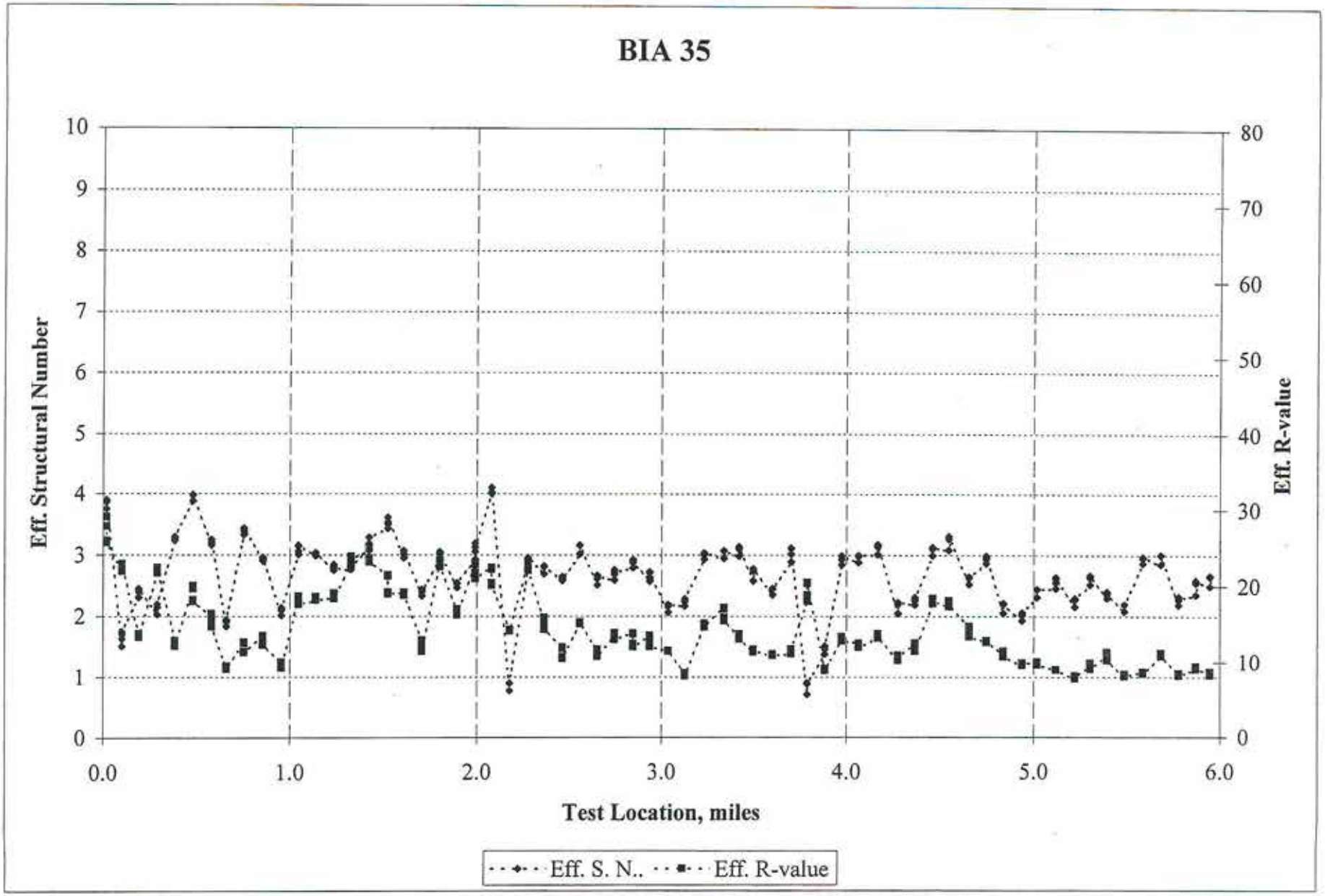
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1.609	68.2	2	7:22 AM	77.4	7220	16.21	11	7.83	5.35	4.13	2.74	2.04	1.7	7.6	70.9	0.96	38.7	11,023	19.1	3.0	14.1	7.9	6.1	17.5
1.609	68.2	3	7:22 AM	77.4	8855	20.15	13.73	9.81	6.7	5.15	3.45	2.65	2.2	9.5	70.9	0.96	39.1	10,855	18.8	3.0	14.1	7.9	6.1	17.3
1.609	68.2	4	7:22 AM	77.4	8932	19.93	14.05	10.06	6.85	5.24	3.5	2.7	2.3	9.8	70.9	0.96	38.4	10,876	18.8	3.1	14.3	7.9	6.1	17.6
1.705	68.7	1	7:23 AM	78.1	6946	25.41	14.56	9.15	6.07	4.93	3.53	2.74	2.2	10	71.7	0.96	58.0	7,925	12.8	2.3	11.2	7.4	5.6	11.6
1.705	68.7	2	7:23 AM	78.1	6869	24.52	14.34	9.13	6.05	4.91	3.5	2.73	2.2	9.9	71.7	0.96	56.7	7,981	12.9	2.4	11.4	7.4	5.6	11.9
1.705	68.7	3	7:23 AM	78.1	8361	31.33	19.33	12.48	8.16	6.57	4.7	3.62	2.9	13	71.7	0.95	59.0	7,409	11.8	2.4	11.3	7.4	5.5	11.4
1.705	68.7	4	7:23 AM	78.1	8647	33.44	20.75	13.39	8.69	6.97	4.93	3.82	3.1	14	71.7	0.95	60.6	7,203	11.4	2.4	11.2	7.3	5.5	11.1
1.802	68.4	1	7:24 AM	76.6	7626	15.41	10.02	6.98	4.7	3.65	2.46	1.89	1.5	7.5	70.1	0.97	35.7	12,802	23.0	2.9	14.1	8.0	6.2	18.9
1.802	68.4	2	7:24 AM	76.6	7527	14.6	9.7	6.86	4.7	3.63	2.43	1.87	1.5	7.2	70.1	0.97	34.5	12,953	23.3	3.0	14.4	8.0	6.3	19.5
1.802	68.4	3	7:24 AM	76.6	8987	17.7	11.77	8.36	5.74	4.48	3.07	2.35	1.9	8.8	70.1	0.97	34.9	12,617	22.6	3.1	14.5	8.0	6.3	19.4
1.802	68.4	4	7:24 AM	76.6	8888	17.71	11.78	8.39	5.7	4.43	3.06	2.36	1.9	8.7	70.1	0.97	35.2	12,562	22.5	3.0	14.4	8.0	6.3	19.2
1.893	68.6	1	7:26 AM	77.8	7286	21.14	13.19	9.05	5.54	4.16	2.56	1.85	1.5	8.9	71.3	0.97	48.1	9,914	16.8	2.5	12.0	7.6	5.9	14.0
1.893	68.6	2	7:26 AM	77.8	7330	20.71	13.12	9.06	5.59	4.22	2.57	1.84	1.5	9.2	71.3	0.97	47.0	9,986	17.0	2.5	12.2	7.7	5.9	14.4
1.893	68.6	3	7:26 AM	77.8	8921	25.6	16.86	11.34	7.06	5.29	3.11	2.22	1.8	11	71.3	0.97	47.6	9,755	16.5	2.5	12.2	7.7	5.9	14.2
1.893	68.6	4	7:26 AM	77.8	8998	26.17	17.63	11.52	7.26	5.43	3.13	2.23	1.8	11	71.3	0.97	48.2	9,603	16.2	2.5	12.2	7.6	5.8	14.0
1.991	69.4	1	7:26 AM	78.8	7341	14.84	9.49	6.57	4.55	3.56	2.52	1.93	1.6	6.9	72.4	0.97	35.9	12,700	22.8	2.9	14.1	8.0	6.2	18.8
1.991	69.4	2	7:26 AM	78.8	7242	14.01	9.2	6.47	4.49	3.59	2.54	1.94	1.6	6.8	72.4	0.97	34.6	12,748	22.9	3.1	14.5	8.0	6.3	19.5
1.991	69.4	3	7:26 AM	78.8	8767	16.89	11.5	8.26	5.87	4.67	3.28	2.51	2	8.6	72.4	0.97	34.5	12,199	21.7	3.2	15.0	8.0	6.3	19.6
1.991	69.4	4	7:26 AM	78.8	8877	17.93	11.89	8.56	6.07	4.82	3.39	2.59	2.1	8.9	72.4	0.97	35.7	11,847	20.9	3.1	14.7	8.0	6.2	18.9
2.079	69.5	1	7:27 AM	77.0	7176	10.33	7.73	6.23	4.87	4.09	2.94	2.23	1.7	6.5	70.5	0.96	27.3	12,521	22.4	4.0	18.6	8.3	6.5	24.7
2.079	69.5	2	7:27 AM	77.0	6869	9.91	7.27	5.91	4.68	3.96	2.88	2.19	1.7	6.1	70.5	0.96	27.3	12,393	22.1	4.0	18.7	8.3	6.5	24.7
2.079	69.5	3	7:27 AM	77.0	8559	12.88	9.74	7.93	6.27	5.3	3.83	2.87	2.3	8.2	70.5	0.96	28.1	11,578	20.3	4.1	18.9	8.3	6.4	24.0
2.079	69.5	4	7:27 AM	77.0	8987	13.65	10.32	8.41	6.63	5.63	4.07	3.06	2.4	8.6	70.5	0.96	28.3	11,447	20.0	4.1	18.9	8.3	6.4	23.8
2.177	69.3	1	7:29 AM	78.0	6661	34.64	19.07	10.8	4.94	2.81	1.09	0.67	0.5	12	71.6	1.00	82.6	8,622	14.2	0.8	7.5	7.1	5.4	8.2
2.177	69.3	2	7:29 AM	78.0	6551	32.83	18.78	10.91	5.14	2.86	1.11	0.7	0.5	12	71.6	1.00	79.8	8,646	14.2	0.9	7.8	7.1	5.4	8.5
2.177	69.3	3	7:29 AM	78.0	8120	40.96	24.09	14.02	6.51	3.59	1.35	0.84	0.7	15	71.6	1.00	80.3	8,564	14.1	0.9	7.7	7.1	5.4	8.4
2.177	69.3	4	7:29 AM	78.0	8691	43.69	25.8	15.06	7	3.84	1.44	0.91	0.7	16	71.6	1.00	80.0	8,582	14.1	0.9	7.8	7.1	5.4	8.4
2.276	70.2	1	7:31 AM	79.2	7451	15.53	9.93	6.81	4.61	3.48	2.39	1.7	1.4	7.5	72.8	0.98	36.9	12,823	23.1	2.8	13.6	8.0	6.2	18.3
2.276	70.2	2	7:31 AM	79.2	7297	14.85	9.67	6.71	4.55	3.53	2.35	1.72	1.4	7.1	72.8	0.98	36.2	12,684	22.7	2.9	13.9	8.0	6.2	18.6
2.276	70.2	3	7:31 AM	79.2	8811	17.95	11.82	8.32	5.73	4.31	3	2.19	1.8	8.7	72.8	0.97	36.2	12,595	22.5	2.9	14.0	8.0	6.2	18.7
2.276	70.2	4	7:31 AM	79.2	8899	18.26	12.12	8.56	5.81	4.49	3.07	2.27	1.8	8.9	72.8	0.97	36.4	12,327	22.0	3.0	14.1	8.0	6.2	18.6
2.363	69.8	1	7:32 AM	78.9	6902	19.79	13.39	8.95	5.92	4.49	2.84	2.06	1.6	9.3	72.5	0.97	47.5	9,254	15.4	2.7	12.6	7.6	5.8	14.2
2.363	69.8	2	7:32 AM	78.9	6825	18.46	13.06	8.86	5.9	4.47	2.86	2.07	1.6	9.2	72.5	0.97	45.2	9,439	15.8	2.8	13.1	7.7	5.9	14.9
2.363	69.8	3	7:32 AM	78.9	8570	24.57	17.54	12.04	7.98	6.03	3.87	2.81	2.2	12	72.5	0.97	47.4	8,832	14.6	2.8	12.9	7.6	5.8	14.2
2.363	69.8	4	7:32 AM	78.9	8800	25.78	18.38	12.61	8.37	6.31	4	2.93	2.2	13	72.5	0.96	48.3	8,658	14.2	2.8	12.8	7.6	5.8	14.0
2.462	70.4	1	7:33 AM	80.0	7078	24.84	16.89	11.15	7.39	5.72	3.93	2.83	2.2	12	73.7	0.97	56.4	7,495	12.0	2.6	11.8	7.4	5.6	12.0
2.462	70.4	2	7:33 AM	80.0	6825	23.73	15.96	10.69	7.2	5.65	3.96	3.06	2.4	11	73.7	0.96	55.8	7,417	11.8	2.6	12.0	7.4	5.6	12.1
2.462	70.4	3	7:33 AM	80.0	8515	31.91	22.06	14.67	9.85	7.67	5.29	4.02	3.2	16	73.7	0.96	59.5	6,843	10.7	2.6	11.7	7.3	5.5	11.3
2.462	70.4	4	7:33 AM	80.0	8778	33.66	23.41	15.49	10.34	8.07	5.51	4.18	3.3	16	73.7	0.96	60.7	6,698	10.5	2.6	11.6	7.3	5.5	11.1
2.556	70.7	1	7:34 AM	81.4	6606	17.27	11.75	8.05	5.77	4.74	3.48	2.71	2.3	8.3	75.1	0.97	44.3	9,032	15.0	3.0	13.7	7.7	5.9	15.2
2.556	70.7	2	7:34 AM	81.4	6474	16.07	11.25	7.86	5.68	4.69	3.47	2.69	2.2	7.9	75.1	0.97	42.4	9,137	15.2	3.2	14.2	7.8	5.9	15.9
2.556	70.7	3	7:34 AM	81.4	8482	21.04	14.8	10.44	7.53	6.17	4.54	3.54	2.9	11	75.1	0.97	42.4	9,114	15.2	3.2	14.2	7.8	5.9	15.9
2.556	70.7	4	7:34 AM	81.4	8811	21.85	15.43	10.89	7.83	6.4	4.69	3.67	3	11	75.1	0.97	42.4	9,124	15.2	3.2	14.2	7.8	5.9	15.9

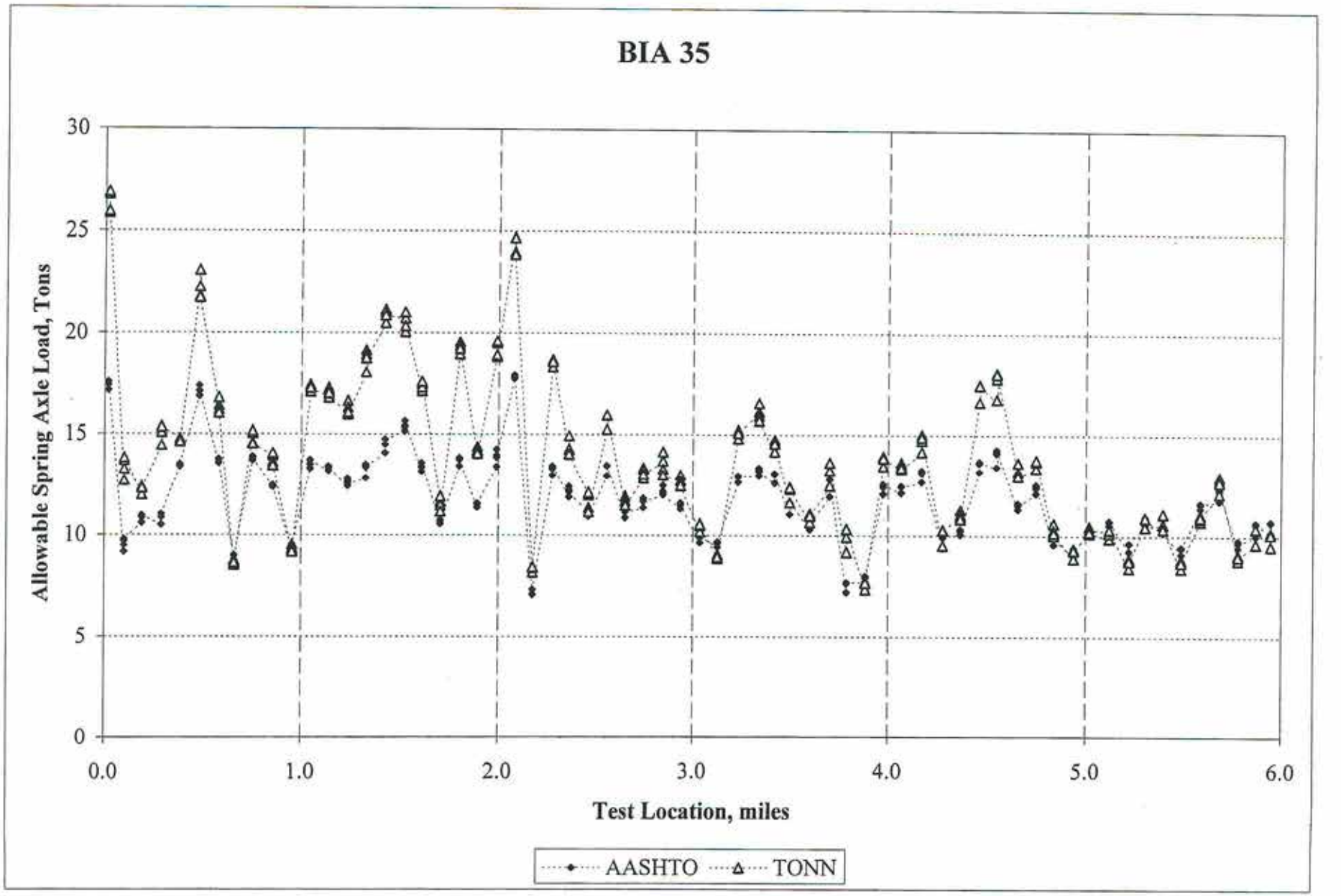
2.652	70.2	1	7:35 AM	77.4	7034	26.51	16.89	10.69	7.19	5.76	4.19	3.19	2.5	11	70.9	0.95	58.9	7,219	11.4	2.5	11.5	7.4	5.5	11.5
2.652	70.2	2	7:35 AM	77.4	7023	25.32	16.51	10.69	7.23	5.76	4.18	3.2	2.5	10	70.9	0.95	56.7	7,348	11.7	2.6	11.9	7.4	5.6	11.9
2.652	70.2	3	7:35 AM	77.4	8702	32.2	23.62	14.5	9.74	7.64	5.53	4.24	3.4	14	70.9	0.95	57.8	6,983	11.0	2.7	11.9	7.4	5.5	11.7
2.652	70.2	4	7:35 AM	77.4	8899	33.7	23.2	15.19	10.01	7.96	5.89	4.37	3.5	14	70.9	0.94	58.9	6,842	10.7	2.6	11.8	7.3	5.5	11.5
2.745	70.8	1	7:37 AM	78.7	7100	23.24	15.45	10.03	6.65	5.15	3.59	2.84	2.3	10	72.3	0.96	52.8	8,218	13.4	2.6	12.0	7.5	5.7	12.8
2.745	70.8	2	7:37 AM	78.7	7110	22.19	14.94	9.82	6.52	5.1	3.59	2.85	2.3	10	72.3	0.96	50.7	8,438	13.8	2.7	12.4	7.6	5.7	13.3
2.745	70.8	3	7:37 AM	78.7	8800	27.7	18.71	12.4	8.41	6.69	4.7	3.64	2.9	12	72.3	0.96	51.0	8,123	13.2	2.8	12.5	7.5	5.7	13.2
2.745	70.8	4	7:37 AM	78.7	8899	28.67	19.08	12.67	8.61	6.83	4.78	3.72	3.1	13	72.3	0.96	52.0	8,002	13.0	2.7	12.4	7.5	5.7	13.0
2.845	71	1	7:39 AM	80.0	7297	21.89	14.17	9.83	6.9	5.4	3.61	2.79	2.2	10	73.7	0.97	49.4	8,415	13.8	2.8	12.7	7.6	5.7	13.7
2.845	71	2	7:39 AM	80.0	6979	20.19	13.48	9.59	6.85	5.34	3.59	2.77	2.2	10	73.7	0.97	47.8	8,357	13.6	2.9	13.2	7.6	5.8	14.1
2.845	71	3	7:39 AM	80.0	8713	27.22	18.5	13.15	9.25	7.25	4.94	3.72	3	14	73.7	0.96	50.9	7,704	12.4	2.9	12.9	7.5	5.7	13.2
2.845	71	4	7:39 AM	80.0	8976	28.86	19.52	13.93	9.67	7.66	5.28	3.97	3.2	15	73.7	0.96	52.2	7,503	12.0	2.9	12.7	7.5	5.6	12.9
2.935	71.1	1	7:40 AM	76.7	7297	24.35	14.61	9.96	6.59	5.24	3.6	2.72	2.2	11	70.2	0.95	53.2	8,198	13.3	2.6	12.0	7.5	5.7	12.7
2.935	71.1	2	7:40 AM	76.7	7209	23.52	14.26	9.82	6.49	5.19	3.59	2.71	2.2	10	70.2	0.95	52.1	8,266	13.5	2.6	12.1	7.5	5.7	13.0
2.935	71.1	3	7:40 AM	76.7	8756	29.46	18.64	13.1	8.85	6.96	4.75	3.54	2.8	14	70.2	0.95	53.3	7,701	12.4	2.7	12.3	7.5	5.6	12.7
2.935	71.1	4	7:40 AM	76.7	8899	30.61	19.33	13.66	9.2	7.21	4.9	3.69	2.8	14	70.2	0.95	54.3	7,546	12.1	2.7	12.2	7.5	5.6	12.4
3.037	70.6	1	7:42 AM	79.0	6562	27.72	18.32	11.52	6.88	4.89	3.09	2.29	1.8	12	72.6	0.96	66.3	7,225	11.5	2.1	10.2	7.2	5.4	10.2
3.037	70.6	2	7:42 AM	79.0	6331	25.9	17.39	11.16	6.72	4.8	3.04	2.21	1.8	11	72.6	0.96	64.4	7,266	11.5	2.2	10.5	7.3	5.5	10.5
3.037	70.6	3	7:42 AM	79.0	8164	33.13	22.63	14.61	8.81	6.28	3.99	2.94	2.4	15	72.6	0.96	63.9	7,235	11.5	2.2	10.6	7.3	5.5	10.6
3.037	70.6	4	7:42 AM	79.0	8756	35.63	24.3	15.8	9.5	6.74	4.28	3.14	2.5	16	72.6	0.96	64.0	7,224	11.4	2.2	10.6	7.3	5.5	10.5
3.127	71.3	1	7:43 AM	80.7	6211	30.59	18.71	12.67	8.39	6.38	4.24	3.17	2.5	14	74.4	0.96	76.1	5,654	8.5	2.2	10.0	7.0	5.2	8.9
3.127	71.3	2	7:43 AM	80.7	6112	29.45	18.44	12.56	8.33	6.37	4.26	3.17	2.5	14	74.4	0.96	74.5	5,661	8.6	2.2	10.2	7.1	5.2	9.1
3.127	71.3	3	7:43 AM	80.7	8109	39.2	25.3	17.3	11.52	8.76	5.79	4.26	3.4	19	74.4	0.96	74.7	5,538	8.3	2.3	10.3	7.0	5.2	9.0
3.127	71.3	4	7:43 AM	80.7	8603	42.15	27.49	18.88	12.5	9.52	6.28	4.59	3.6	20	74.4	0.96	75.6	5,430	8.1	2.3	10.3	7.0	5.2	8.9
3.233	71.9	1	7:44 AM	81.1	6419	17.42	11.79	8.31	5.78	4.59	3.16	2.41	1.9	9	74.8	0.97	45.7	8,930	14.8	2.9	13.3	7.7	5.8	14.8
3.233	71.9	2	7:44 AM	81.1	6474	16.97	11.64	8.31	5.8	4.61	3.19	2.42	1.9	9	74.8	0.97	44.4	9,068	15.1	3.0	13.6	7.7	5.9	15.2
3.233	71.9	3	7:44 AM	81.1	8394	22.18	15.49	11.12	7.76	6.14	4.23	3.24	2.6	12	74.8	0.97	44.6	8,887	14.7	3.0	13.7	7.7	5.9	15.1
3.233	71.9	4	7:44 AM	81.1	8888	23.6	16.57	11.89	8.28	6.55	4.53	3.41	2.7	13	74.8	0.97	44.8	8,829	14.6	3.0	13.7	7.7	5.9	15.1
3.339	71.5	1	7:45 AM	78.9	6946	17.17	11.51	7.77	5.39	4.34	3.08	2.38	1.9	8.1	72.5	0.97	41.9	10,061	17.1	3.0	13.6	7.8	6.0	16.1
3.339	71.5	2	7:45 AM	78.9	6748	16.18	11.17	7.66	5.37	4.35	3.1	2.39	1.9	8.1	72.5	0.96	40.8	9,980	16.9	3.1	14.1	7.8	6.0	16.5
3.339	71.5	3	7:45 AM	78.9	8438	21.24	14.79	10.35	7.24	5.79	4.09	3.14	2.6	11	72.5	0.96	42.4	9,422	15.8	3.1	13.9	7.8	5.9	15.9
3.339	71.5	4	7:45 AM	78.9	8767	22.5	15.67	10.98	7.7	6.15	4.34	3.33	2.7	12	72.5	0.96	43.1	9,226	15.4	3.1	13.9	7.8	5.9	15.7
3.420	71.5	1	7:46 AM	79.8	6353	18.37	12.59	9.01	6.39	5.01	3.28	2.35	1.8	9.8	73.4	0.97	47.8	8,200	13.3	3.0	13.3	7.6	5.8	14.1
3.420	71.5	2	7:46 AM	79.8	6441	17.7	12.44	9.03	6.42	5.07	3.33	2.38	1.8	9.7	73.4	0.97	45.8	8,357	13.6	3.1	13.8	7.7	5.8	14.7
3.420	71.5	3	7:46 AM	79.8	8405	23.38	16.68	12.23	8.73	6.85	4.47	3.2	2.5	13	73.4	0.97	46.2	8,132	13.2	3.1	13.8	7.6	5.8	14.6
3.420	71.5	4	7:46 AM	79.8	8877	24.88	17.83	13.12	9.37	7.34	4.78	3.39	2.6	14	73.4	0.96	46.5	8,034	13.0	3.1	13.8	7.6	5.8	14.5
3.498	70.7	1	7:47 AM	79.8	6309	22.99	15.7	10.7	7	5.36	3.59	2.57	2.2	11	73.4	0.96	58.1	7,166	11.3	2.6	11.7	7.4	5.5	11.6
3.498	70.7	2	7:47 AM	79.8	6331	21.59	15.05	10.54	6.97	5.39	3.59	2.66	2.2	11	73.4	0.96	54.9	7,349	11.7	2.7	12.2	7.4	5.6	12.3
3.498	70.7	3	7:47 AM	79.8	8328	28.28	19.87	14.1	9.39	7.24	4.76	3.43	2.9	14	73.4	0.96	54.7	7,267	11.5	2.8	12.4	7.4	5.6	12.3
3.498	70.7	4	7:47 AM	79.8	8833	30.05	21.22	15.06	10.02	7.68	5.04	3.7	3.1	15	73.4	0.96	54.7	7,261	11.5	2.8	12.3	7.4	5.6	12.3
3.602	71.1	1	7:48 AM	80.5	6145	24.59	15.42	10.25	6.66	5.21	3.6	2.75	2.3	11	74.2	0.97	63.3	6,897	10.8	2.4	10.9	7.3	5.5	10.7
3.602	71.1	2	7:48 AM	80.5	6123	23.5	15.06	10.16	6.66	5.19	3.6	2.74	2.2	11	74.2	0.97	61.0	7,023	11.1	2.4	11.3	7.3	5.5	11.1
3.602	71.1	3	7:48 AM	80.5	8076	31.18	20.29	13.8	8.97	6.97	4.81	3.69	2.9	15	74.2	0.97	61.3	6,932	10.9	2.5	11.3	7.3	5.5	11.0
3.602	71.1	4	7:48 AM	80.5	8658	33.61	21.95	14.93	9.69	7.46	5.13	3.93	3.1	16	74.2	0.97	61.6	6,923	10.9	2.4	11.2	7.3	5.5	11.0

3.702	70.7	1	7:49 AM	83.1	6474	21.33	14.35	10.22	7.39	6.02	4.24	3.19	2.4	12	76.9	0.98	54.2	7,038	11.1	2.9	12.7	7.4	5.6	12.4
3.702	70.7	2	7:49 AM	83.1	6507	20.02	13.66	9.92	7.26	5.93	4.2	3.18	2.5	11	76.9	0.98	51.1	7,298	11.6	3.0	13.2	7.5	5.6	13.2
3.702	70.7	3	7:49 AM	83.1	8570	25.47	17.78	13.06	9.61	7.82	5.5	4.17	3.2	14	76.9	0.98	49.7	7,372	11.7	3.1	13.5	7.5	5.7	13.6
3.702	70.7	4	7:49 AM	83.1	8921	26.5	18.57	13.69	10.07	8.19	5.76	4.36	3.4	15	76.9	0.98	49.6	7,342	11.7	3.1	13.5	7.5	5.7	13.6
3.789	71.5	1	7:50 AM	82.7	6584	29.98	18.5	10.01	4.11	2.14	0.98	0.52	0.5	9.1	76.5	1.00	73.5	10,475	18.0	0.7	7.6	7.2	5.5	9.2
3.789	71.5	2	7:50 AM	82.7	6518	27.22	16.93	9.45	4.03	2.15	0.97	0.56	0.5	8.8	76.5	1.00	68.0	10,875	18.8	0.9	8.1	7.3	5.6	9.9
3.789	71.5	3	7:50 AM	82.7	8471	33.8	20.93	11.78	5.02	2.58	1.13	0.74	0.5	11	76.5	1.00	65.5	11,572	20.3	0.9	8.1	7.3	5.7	10.3
3.789	71.5	4	7:50 AM	82.7	8833	35.15	21.67	12.26	5.22	2.67	1.18	0.77	0.6	12	76.5	1.00	65.3	11,631	20.4	0.9	8.1	7.3	5.7	10.3
3.885	72.8	1	7:51 AM	82.8	6386	37.83	22.49	12.94	7.25	5.28	3.31	2.34	1.8	13	76.6	0.98	91.6	5,814	8.8	1.4	8.2	6.9	5.1	7.4
3.885	72.8	2	7:51 AM	82.8	6375	36.09	21.96	12.76	7.15	5.2	3.24	2.33	1.9	13	76.6	0.98	87.9	5,987	9.1	1.5	8.5	6.9	5.1	7.7
3.885	72.8	3	7:51 AM	82.8	8339	46.94	28.94	17.04	9.72	7	4.43	3.16	2.4	17	76.6	0.98	87.4	5,917	9.0	1.5	8.5	6.9	5.1	7.7
3.885	72.8	4	7:51 AM	82.8	8767	49.74	30.65	18.13	10.33	7.44	4.65	3.28	2.6	18	76.6	0.98	88.0	5,862	8.9	1.5	8.5	6.9	5.1	7.7
3.975	72.1	1	7:52 AM	84.8	6496	19.33	13.6	9.76	6.68	5.23	3.51	2.61	2.1	9.8	78.7	0.99	50.3	8,009	13.0	2.8	12.8	7.6	5.7	13.4
3.975	72.1	2	7:52 AM	84.8	6485	18.48	13.12	9.51	6.56	5.17	3.47	2.57	2	9.6	78.7	0.99	48.5	8,184	13.3	2.9	13.1	7.6	5.7	13.9
3.975	72.1	3	7:52 AM	84.8	8570	24.54	17.74	13.02	9.01	7.09	4.73	3.5	2.8	13	78.7	0.99	48.7	7,974	12.9	3.0	13.2	7.6	5.7	13.9
3.975	72.1	4	7:52 AM	84.8	8943	25.67	18.66	13.76	9.52	7.46	4.97	3.68	2.9	14	78.7	0.99	48.8	7,924	12.8	3.0	13.3	7.6	5.7	13.8
4.066	72.9	1	7:53 AM	83.9	6408	19.44	14.43	10	6.79	5.36	3.7	2.83	2.2	9.8	77.8	0.99	50.8	7,761	12.5	2.9	12.9	7.5	5.7	13.3
4.066	72.9	2	7:53 AM	83.9	6244	18.4	13.92	9.85	6.71	5.3	3.7	2.83	2.2	9.7	77.8	0.99	49.6	7,763	12.5	3.0	13.2	7.6	5.7	13.6
4.066	72.9	3	7:53 AM	83.9	8285	24.77	18.73	13.45	9.2	7.25	5	3.79	3	13	77.8	0.99	50.2	7,571	12.1	3.0	13.2	7.5	5.7	13.4
4.066	72.9	4	7:53 AM	83.9	8734	26.35	19.89	14.34	9.8	7.74	5.34	4.04	3.2	14	77.8	0.99	50.6	7,485	11.9	3.0	13.2	7.5	5.7	13.3
4.169	71.3	1	7:54 AM	85.2	6309	17.6	12.66	9.11	6.42	5.15	3.63	2.84	2.2	9.3	79.1	0.99	47.7	8,116	13.2	3.0	13.4	7.6	5.8	14.1
4.169	71.3	2	7:54 AM	85.2	6364	16.51	12.24	8.93	6.33	5.1	3.62	2.81	2.2	9	79.1	0.99	44.9	8,410	13.8	3.1	14.0	7.7	5.8	15.0
4.169	71.3	3	7:54 AM	85.2	8274	22.01	16.15	11.89	8.45	6.8	4.8	3.7	3	12	79.1	0.99	45.9	8,200	13.3	3.1	13.9	7.7	5.8	14.7
4.169	71.3	4	7:54 AM	85.2	8789	23.09	17.23	12.72	9.02	7.26	5.09	3.9	3.2	13	79.1	0.99	45.4	8,203	13.3	3.2	14.0	7.7	5.8	14.9
4.277	71.3	1	7:55 AM	83.2	6233	27.8	17.52	11.07	6.98	5.29	3.44	2.6	2.1	13	77.0	0.98	71.0	6,569	10.2	2.0	10.0	7.1	5.3	9.5
4.277	71.3	2	7:55 AM	83.2	6320	25.85	16.78	10.8	6.84	5.19	3.41	2.55	2	12	77.0	0.98	65.7	6,956	10.9	2.2	10.5	7.2	5.4	10.3
4.277	71.3	3	7:55 AM	83.2	8328	33.96	22.47	14.72	9.28	7.01	4.56	3.44	2.7	16	77.0	0.98	65.5	6,869	10.8	2.2	10.6	7.2	5.4	10.3
4.277	71.3	4	7:55 AM	83.2	8789	35.93	23.83	15.67	9.87	7.42	4.83	3.57	2.9	17	77.0	0.98	65.7	6,850	10.7	2.2	10.6	7.2	5.4	10.3
4.366	74	1	7:56 AM	86.0	6836	25.56	15.12	9.77	6.41	5.07	3.56	2.69	2.1	11	80.0	1.00	61.7	7,660	12.3	2.2	10.7	7.3	5.5	10.9
4.366	74	2	7:56 AM	86.0	6814	24.63	14.96	9.78	6.37	5.05	3.56	2.66	2.2	11	80.0	1.00	59.9	7,779	12.5	2.3	10.9	7.4	5.6	11.3
4.366	74	3	7:56 AM	86.0	8603	31.84	19.83	13.34	8.73	6.87	4.78	3.58	2.8	14	80.0	1.00	61.1	7,381	11.7	2.3	11.0	7.3	5.5	11.0
4.366	74	4	7:56 AM	86.0	8789	33.24	20.82	13.94	9.19	7.16	5	3.74	3	15	80.0	1.00	62.3	7,230	11.5	2.3	10.9	7.3	5.5	10.8
4.461	73.4	1	7:57 AM	87.6	6683	15.11	10.68	7.61	5.32	4.22	2.84	2.17	1.8	7.6	81.6	1.01	40.6	10,326	17.7	3.0	13.9	7.8	6.0	16.6
4.461	73.4	2	7:57 AM	87.6	6748	14.35	10.29	7.46	5.27	4.19	2.85	2.16	1.8	7.5	81.6	1.01	38.7	10,662	18.4	3.1	14.3	7.9	6.1	17.5
4.461	73.4	3	7:57 AM	87.6	8877	18.91	13.76	10.06	7.09	5.6	3.79	2.86	2.3	10	81.6	1.01	38.7	10,543	18.1	3.1	14.4	7.9	6.1	17.4
4.461	73.4	4	7:57 AM	87.6	8987	19.14	13.92	10.19	7.18	5.68	3.83	2.9	2.3	10	81.6	1.01	38.7	10,530	18.1	3.1	14.4	7.9	6.1	17.4
4.547	73	1	7:59 AM	85.1	6408	14.54	10.08	7.33	5.26	4.16	2.83	2.11	1.7	7.5	79.0	1.00	40.3	10,129	17.3	3.1	14.1	7.8	6.0	16.8
4.547	73	2	7:59 AM	85.1	6496	13.45	9.72	7.17	5.17	4.16	2.91	2.08	1.6	7.3	79.0	1.00	37.4	10,528	18.1	3.3	14.9	7.9	6.1	18.0
4.547	73	3	7:59 AM	85.1	8636	18.24	13.12	9.81	7.09	5.67	3.93	2.88	2.3	10	79.0	1.00	38.0	10,284	17.6	3.3	14.9	7.9	6.1	17.8
4.547	73	4	7:59 AM	85.1	8877	18.48	13.5	10.11	7.29	5.87	4.1	2.94	2.3	10	79.0	1.00	37.6	10,277	17.6	3.3	15.0	7.9	6.1	18.0
4.656	73.1	1	8:00 AM	84.6	6913	21.1	12.96	8.61	5.87	4.71	3.31	2.59	2.1	9.2	78.5	0.99	51.4	8,776	14.5	2.5	11.9	7.6	5.7	13.1
4.656	73.1	2	8:00 AM	84.6	6759	19.78	12.5	8.45	5.81	4.64	3.22	2.57	2.1	8.7	78.5	0.99	49.6	8,891	14.7	2.6	12.3	7.6	5.8	13.6
4.656	73.1	3	8:00 AM	84.6	8570	26.14	17.17	11.76	8	6.3	4.37	3.46	2.8	12	78.5	0.99	51.3	8,393	13.7	2.6	12.2	7.5	5.7	13.1
4.656	73.1	4	8:00 AM	84.6	8702	27.1	17.82	12.18	8.28	6.55	4.57	3.58	2.9	13	78.5	0.99	52.3	8,206	13.4	2.6	12.2	7.5	5.7	12.9

4.748	72.2	1	8:01 AM	84.1	6364	19.22	13.18	9.1	6.46	5.25	3.81	2.82	2.3	9.3	78.0	0.99	50.7	7,843	12.6	2.9	12.8	7.5	5.7	13.3
4.748	72.2	2	8:01 AM	84.1	6386	18.7	12.97	9.04	6.46	5.26	3.78	2.88	2.3	9.2	78.0	0.99	49.4	7,937	12.8	2.9	13.1	7.6	5.7	13.7
4.748	72.2	3	8:01 AM	84.1	8405	24.62	17.2	12.12	8.62	7.01	5.05	3.84	3.1	13	78.0	0.99	49.4	7,871	12.7	3.0	13.1	7.6	5.7	13.7
4.748	72.2	4	8:01 AM	84.1	8943	26.01	18.47	13.05	9.27	7.52	5.42	4.11	3.3	14	78.0	0.99	49.1	7,847	12.6	3.0	13.2	7.6	5.7	13.7
4.838	73	1	8:02 AM	84.3	6364	26.61	16.52	10.69	6.67	4.98	3.5	2.73	2.2	11	78.2	0.99	67.4	7,072	11.2	2.1	10.2	7.2	5.4	10.0
4.838	73	2	8:02 AM	84.3	6331	24.76	16	10.58	6.62	5.02	3.52	2.73	2.2	11	78.2	0.99	63.5	7,235	11.5	2.2	10.7	7.3	5.5	10.6
4.838	73	3	8:02 AM	84.3	8087	32.81	21.28	14.25	8.9	6.77	4.69	3.58	2.9	15	78.2	0.99	65.6	6,906	10.8	2.2	10.6	7.2	5.4	10.3
4.838	73	4	8:02 AM	84.3	8669	35.71	23.07	15.57	9.52	7.33	5.13	3.62	3.1	16	78.2	0.99	66.5	6,821	10.7	2.2	10.5	7.2	5.4	10.2
4.939	72.2	1	8:03 AM	83.2	6244	30	19.98	12.26	7.4	5.5	3.53	2.56	2	12	77.0	0.98	75.8	6,222	9.6	1.9	9.6	7.1	5.3	8.9
4.939	72.2	2	8:03 AM	83.2	6211	28.46	19.13	12.01	7.23	5.4	3.45	2.49	1.9	12	77.0	0.98	72.7	6,404	9.9	2.0	9.9	7.1	5.3	9.3
4.939	72.2	3	8:03 AM	83.2	8197	37.24	25.38	16.22	9.83	7.24	4.61	3.36	2.6	16	77.0	0.98	72.1	6,374	9.9	2.1	10.0	7.1	5.3	9.4
4.939	72.2	4	8:03 AM	83.2	8756	40.15	27.35	17.57	10.66	7.83	4.98	3.62	2.8	17	77.0	0.98	72.7	6,305	9.7	2.1	10.0	7.1	5.3	9.3
5.018	73.3	1	8:04 AM	84.2	6331	26.17	17.48	11.68	7.55	5.83	4	2.96	2.4	12	78.1	0.99	66.5	6,488	10.1	2.3	10.7	7.2	5.4	10.1
5.018	73.3	2	8:04 AM	84.2	6266	24.9	17.04	11.72	7.71	5.93	3.94	2.97	2.3	12	78.1	0.99	64.3	6,488	10.1	2.4	11.1	7.2	5.4	10.5
5.018	73.3	3	8:04 AM	84.2	8219	33.38	23.05	15.93	10.45	8.03	5.4	4	3.2	16	78.1	0.99	65.6	6,311	9.7	2.4	11.0	7.2	5.4	10.3
5.018	73.3	4	8:04 AM	84.2	8800	36.09	25.14	17.3	11.35	8.69	5.82	4.3	3.4	17	78.1	0.99	66.1	6,246	9.6	2.4	11.0	7.2	5.4	10.2
5.119	72.4	1	8:06 AM	83.3	6309	27.09	18.98	13.09	8.57	6.66	4.7	3.47	2.9	13	77.1	0.98	68.4	5,892	9.0	2.5	11.0	7.2	5.3	9.9
5.119	72.4	2	8:06 AM	83.3	6222	25.89	18.25	12.81	8.43	6.65	4.69	3.43	3	13	77.1	0.98	66.5	5,918	9.0	2.6	11.2	7.2	5.3	10.2
5.119	72.4	3	8:06 AM	83.3	8197	33.56	23.94	17.15	11.38	8.88	6.23	4.63	3.7	17	77.1	0.98	65.5	5,904	9.0	2.6	11.4	7.2	5.4	10.3
5.119	72.4	4	8:06 AM	83.3	8734	35.66	25.52	18.44	12.33	9.54	6.68	4.96	3.9	19	77.1	0.98	65.4	5,879	9.0	2.6	11.5	7.2	5.4	10.3
5.220	71.5	1	8:07 AM	84.1	6200	31.53	21.7	14.91	9.59	7.1	4.4	3.14	2.5	16	78.0	0.99	80.1	5,240	7.8	2.2	9.9	7.0	5.1	8.4
5.220	71.5	2	8:07 AM	84.1	6266	29.94	20.7	14.51	9.46	7.01	4.36	3.12	2.5	15	78.0	0.99	75.7	5,451	8.2	2.3	10.3	7.0	5.2	8.9
5.220	71.5	3	8:07 AM	84.1	8186	39.51	27.8	19.66	12.81	9.47	5.87	4.21	3.4	21	78.0	0.99	76.4	5,322	8.0	2.3	10.3	7.0	5.2	8.8
5.220	71.5	4	8:07 AM	84.1	8745	42.6	30.15	21.41	13.98	10.32	6.37	4.58	3.6	22	78.0	0.99	77.0	5,239	7.8	2.3	10.3	7.0	5.2	8.8
5.302	72.3	1	8:08 AM	84.5	6364	25.26	16.56	11.76	8.04	6.35	4.21	3.07	2.3	12	78.4	0.99	64.4	6,287	9.7	2.5	11.3	7.2	5.4	10.5
5.302	72.3	2	8:08 AM	84.5	6298	23.91	15.99	11.54	7.96	6.31	4.2	3.06	2.3	12	78.4	0.99	61.9	6,378	9.9	2.6	11.6	7.3	5.4	10.9
5.302	72.3	3	8:08 AM	84.5	8186	32.59	22.06	16.11	11.13	8.8	5.82	4.22	3.2	16	78.4	0.99	64.5	5,993	9.2	2.6	11.5	7.2	5.4	10.5
5.302	72.3	4	8:08 AM	84.5	8702	34.65	23.84	17.48	12.08	9.53	6.29	4.56	3.5	17	78.4	0.99	64.5	5,922	9.0	2.7	11.6	7.2	5.4	10.5
5.392	71.7	1	8:09 AM	83.7	6715	26.37	17.62	11.54	7.39	5.63	3.59	2.62	2	11	77.5	0.99	63.6	6,998	11.0	2.3	10.8	7.3	5.5	10.6
5.392	71.7	2	8:09 AM	83.7	6573	24.54	16.63	11.07	7.19	5.49	3.5	2.56	1.9	11	77.5	0.99	60.8	7,165	11.3	2.4	11.2	7.3	5.5	11.1
5.392	71.7	3	8:09 AM	83.7	8328	32.8	22.27	15.01	9.74	7.4	4.71	3.45	2.7	14	77.5	0.99	63.7	6,760	10.6	2.4	11.0	7.3	5.4	10.6
5.392	71.7	4	8:09 AM	83.7	8713	35.2	24.1	16.31	10.52	7.96	5.15	3.72	2.8	15	77.5	0.99	65.1	6,580	10.2	2.4	10.9	7.2	5.4	10.4
5.485	72.1	1	8:11 AM	86.6	6288	31.37	23.24	16.01	10.09	6.94	4.32	3.11	2.4	15	80.6	1.00	80.1	5,397	8.1	2.1	9.7	7.0	5.2	8.4
5.485	72.1	2	8:11 AM	86.6	6430	30.33	22.53	15.8	10.09	6.98	4.36	3.16	2.4	15	80.6	1.00	76.1	5,579	8.4	2.2	10.1	7.0	5.2	8.9
5.485	72.1	3	8:11 AM	86.6	8372	39.91	29.73	20.98	13.4	9.28	5.74	4.13	3.2	20	80.6	1.00	76.9	5,487	8.3	2.2	10.1	7.0	5.2	8.8
5.485	72.1	4	8:11 AM	86.6	8855	42.59	31.62	22.46	14.34	9.94	6.13	4.43	3.4	21	80.6	1.00	77.5	5,426	8.1	2.2	10.0	7.0	5.2	8.7
5.584	71.7	1	8:12 AM	85.9	6342	24.2	18.14	13.57	9.65	7.5	4.84	3.43	2.6	13	79.9	1.00	62.8	5,705	8.6	2.9	12.1	7.2	5.4	10.8
5.584	71.7	2	8:12 AM	85.9	6474	23.91	18.06	13.69	9.8	7.66	4.93	3.48	2.7	14	79.9	1.00	61.0	5,758	8.7	3.0	12.4	7.3	5.4	11.1
5.584	71.7	3	8:12 AM	85.9	8394	31.56	23.73	18.14	13.05	10.17	6.58	4.69	3.6	18	79.9	1.00	61.9	5,632	8.5	3.0	12.4	7.2	5.4	10.9
5.584	71.7	4	8:12 AM	85.9	8866	33.2	25.21	19.31	13.91	10.83	6.98	4.96	3.8	19	79.9	1.00	61.7	5,605	8.5	3.0	12.4	7.2	5.4	10.9
5.681	73.2	1	8:13 AM	84.7	6364	21.35	15.34	11.3	7.95	6.09	3.84	2.74	2.1	11	78.6	0.99	55.7	6,864	10.8	2.9	12.5	7.4	5.5	12.1
5.681	73.2	2	8:13 AM	84.7	6441	20.07	14.97	11.17	7.9	6.06	3.82	2.74	2.2	11	78.6	0.99	52.3	7,113	11.2	3.0	13.1	7.5	5.6	12.9
5.681	73.2	3	8:13 AM	84.7	8548	27.06	20.25	15.17	10.77	8.24	5.23	3.73	2.9	15	78.6	0.99	53.0	6,961	10.9	3.0	13.0	7.5	5.6	12.7
5.681	73.2	4	8:13 AM	84.7	8899	28.4	21.25	15.93	11.31	8.67	5.49	3.95	3.1	16	78.6	0.99	53.3	6,893	10.8	3.0	13.0	7.5	5.6	12.7

5.777	72.1	1	8:15 AM	88.1	6211	29.14	20.15	14.32	9.25	6.63	4.15	2.96	2.2	14	82.2	1.01	76.5	5,548	8.4	2.2	10.1	7.0	5.2	8.8
5.777	72.1	2	8:15 AM	88.1	6178	27.98	19.65	13.95	9.14	6.79	4.19	2.89	2.2	14	82.2	1.01	74.2	5,629	8.5	2.3	10.3	7.1	5.2	9.1
5.777	72.1	3	8:15 AM	88.1	8087	36.62	26.03	18.81	12.48	9.25	5.68	3.99	3.1	19	82.2	1.01	74.2	5,495	8.3	2.3	10.4	7.1	5.2	9.1
5.777	72.1	4	8:15 AM	88.1	8570	39.3	27.82	20.16	13.37	9.87	6.05	4.23	3.2	21	82.2	1.01	75.0	5,445	8.2	2.3	10.4	7.0	5.2	9.0
5.869	73.7	1	8:16 AM	93.8	6375	25.89	17.81	12.49	8.73	6.91	4.5	3.24	2.5	13	88.2	1.06	70.0	5,919	9.0	2.4	10.7	7.1	5.3	9.6
5.869	73.7	2	8:16 AM	93.8	6540	24.32	17.42	12.52	8.85	6.99	4.59	3.31	2.5	13	88.2	1.05	64.8	6,161	9.5	2.6	11.3	7.2	5.4	10.4
5.869	73.7	3	8:16 AM	93.8	8482	31.63	22.72	16.44	11.69	9.2	6.02	4.36	3.4	17	88.2	1.06	65.0	6,096	9.3	2.6	11.3	7.2	5.4	10.4
5.869	73.7	4	8:16 AM	93.8	8677	32.98	23.92	17.39	12.3	9.71	6.37	4.59	3.6	18	88.2	1.06	64.8	6,069	9.3	2.6	11.4	7.2	5.4	10.4
5.946	73.8	1	8:17 AM	87.3	6222	26.94	19.33	13.66	9.4	7.3	4.73	3.41	2.6	14	81.3	1.01	70.9	5,498	8.3	2.5	10.9	7.1	5.3	9.5
5.946	73.8	2	8:17 AM	87.3	6331	25.32	18.6	13.35	9.25	7.24	4.75	3.43	2.6	13	81.3	1.01	66.1	5,749	8.7	2.7	11.5	7.2	5.3	10.2
5.946	73.8	3	8:17 AM	87.3	8274	33.47	24.45	17.71	12.34	9.62	6.3	4.53	3.5	18	81.3	1.01	66.7	5,664	8.6	2.7	11.4	7.2	5.3	10.1
5.946	73.8	4	8:17 AM	87.3	8734	35.39	25.98	18.87	13.22	10.25	6.71	4.83	3.7	19	81.3	1.01	66.8	5,626	8.5	2.7	11.5	7.2	5.3	10.1


BIA 35
Eff. Structural Number
Eff. R-value
Test Location, miles
0.0
1.0
2.0
3.0
4.0
5.0
6.0
0
1
2
3
4
5
6
7
8
9
10
10
20
30
40
50
60
70
80
Eff. S. N..
Eff. R-value


BIA 35
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

County:	Shannon County SD
Date Tested:	6/19/2008
Julian:	171
Highway	BIA 33
From:	South 1.0 Mile
To:	
Dir	SB
Prev Day Temp	75 °F
Bit. Thickness	3.5 inches
Daily ESALs	9.66
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	85,670
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
	29.73	19.70	13.82	8.92	6.64	4.32	3.18
		0.66	0.47	0.30	0.22	0.15	0.11

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.

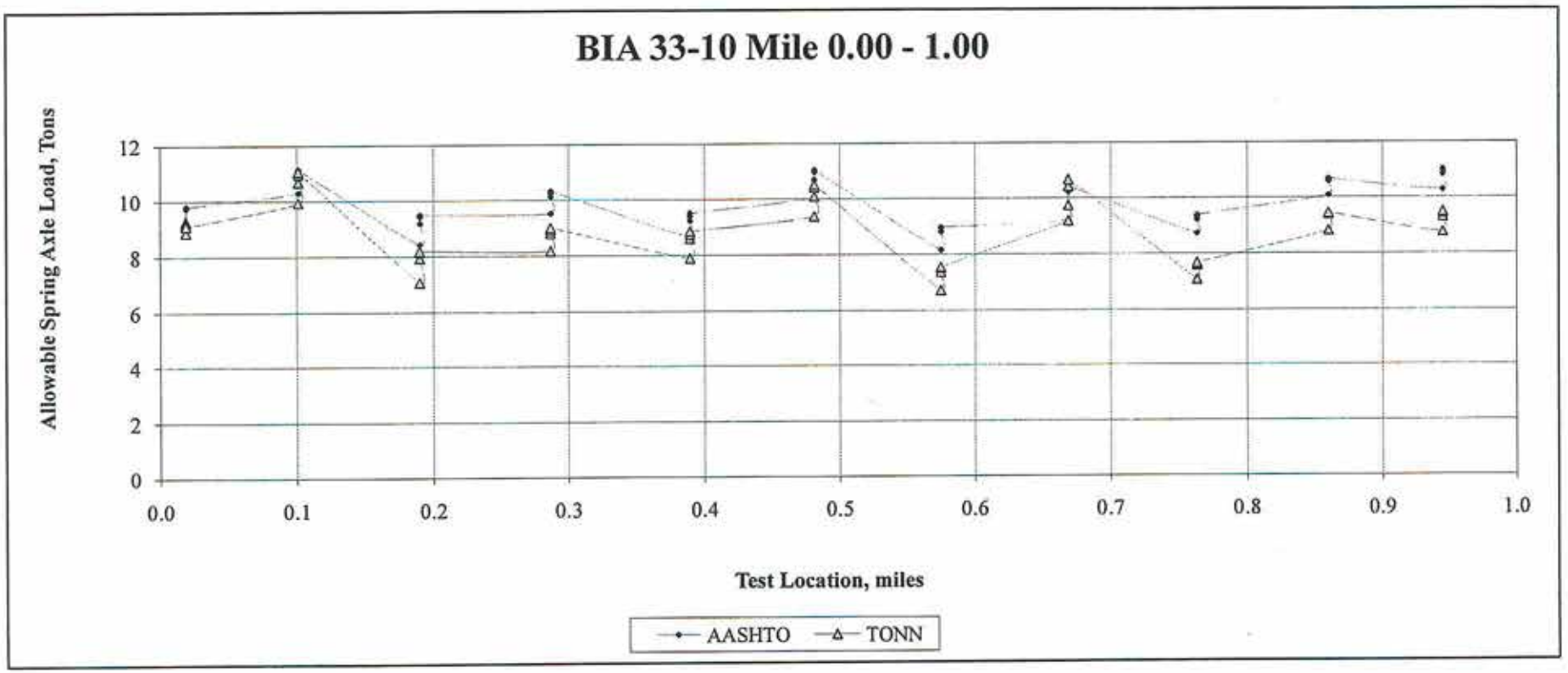
Values can include NP for non-plastic, SP for semi-plastic, and P for plastic soil.

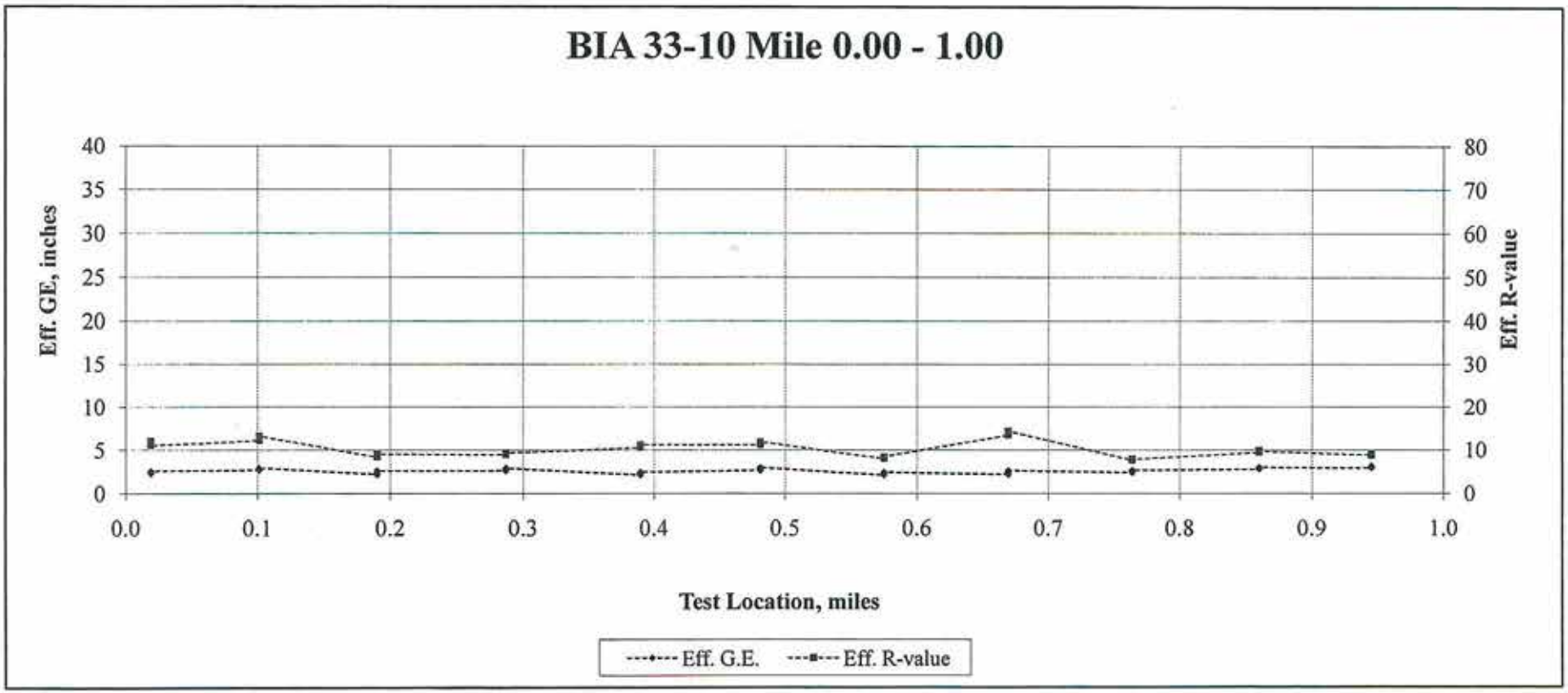
Suggested range if 0.7 for very wet to 1.25 for very dry when tested.

	Summary of Analysis Results							
	$_sBB_{60}$	Esg	Eff.	Eff SN	Axle Load for Design Defl. Tons			TONN
	mils	psi	R-val	inches	AASHTO			Tons
Avg. =	61.4	6,637	10.4	2.6	9.9			8.9
Median =	60.1827	6,305	9.7	2.6	9.8			9.0
Std.Dev. =	7.90584	1,034	1.9	0.3	0.8			1.1
85th % =	52.5667	5,584	8.4	2.4	9.1			7.6

																			Calculated Spring Axle Load to Achive Design Deflection in Tons			
																Peak	Spring			Design Method		Inv. 603
															Pvm't.	Temp.	Spring	Subgrade	Effective Values			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	R-value	G.E., in.	AASHTO	Soil Fact.	Inv 183	Method
0.019	84	1	2:18 PM	100.2	6781	25.97	17.7	11.73	6.79	4.78	3.34	2.5	2.7	12	93.27	0.93	60.8	7,610	12.2	2.3	9.2	6.0	4.5	8.9
0.019	84	2	2:18 PM	100.2	6584	23.88	16.69	11.35	6.82	5.05	3.45	2.63	2.1	11	93.27	0.93	58.2	7,441	11.9	2.5	9.7	6.0	4.5	9.3
0.019	84	3	2:18 PM	100.2	8339	30.48	21.46	14.82	9.13	6.77	4.58	3.47	2.8	15	93.27	0.93	58.7	7,180	11.4	2.5	9.8	6.0	4.5	9.2
0.019	84	4	2:18 PM	100.2	8702	32.12	22.69	15.75	9.75	7.24	4.89	3.71	3	15	93.27	0.94	59.3	7,049	11.1	2.5	9.8	6.0	4.5	9.1
0.101	83.2	1	2:19 PM	113.5	6222	22.32	14.83	10.3	6.3	4.57	3.04	2.18	1.9	10	102.94	0.88	54.3	7,662	12.3	2.7	10.3	6.1	4.6	9.9
0.101	83.2	2	2:19 PM	113.5	6288	20.8	13.8	9.68	6.15	4.46	3	2.22	2	9.7	102.94	0.88	50.5	8,095	13.1	2.8	10.8	6.2	4.7	10.7
0.101	83.2	3	2:19 PM	113.5	8372	26.8	18.07	12.93	8.42	6.01	4.06	3.2	2.7	13	102.94	0.88	49.2	8,153	13.2	2.9	11.1	6.2	4.7	11.0
0.101	83.2	4	2:19 PM	113.5	8855	28.07	19.06	13.65	8.84	6.38	4.31	3.34	2.8	14	102.94	0.88	48.8	8,168	13.3	2.9	11.1	6.2	4.7	11.1
0.190	81.9	1	2:20 PM	111.2	6222	31.8	21.43	14.57	8.67	6.11	3.65	2.57	2	15	101.30	0.90	76.4	5,570	8.4	2.2	8.4	5.6	4.3	7.1
0.190	81.9	2	2:20 PM	111.2	6342	28.52	19.61	13.69	8.45	6.07	3.68	2.59	2	15	101.30	0.90	68.0	5,980	9.1	2.4	9.2	5.7	4.4	7.9
0.190	81.9	3	2:20 PM	111.2	8372	36.59	25.43	17.93	11.25	8.17	4.87	3.57	2.8	19	101.30	0.90	66.3	5,986	9.1	2.5	9.4	5.8	4.4	8.1
0.190	81.9	4	2:20 PM	111.2	8811	38.23	26.74	18.95	11.91	8.69	5.2	3.74	2.9	20	101.30	0.90	65.9	5,967	9.1	2.6	9.5	5.8	4.4	8.2
0.287	82.5	1	2:21 PM	112.0	6200	26.57	18.37	12.88	8.24	6.32	4.38	3.23	2.5	13	101.90	0.91	66.1	5,881	9.0	2.6	9.5	5.7	4.4	8.2
0.287	82.5	2	2:21 PM	112.0	6298	24.85	17.7	12.69	8.35	6.43	4.38	3.28	2.6	13	101.90	0.91	61.3	6,069	9.3	2.8	10.1	5.8	4.4	8.8
0.287	82.5	3	2:21 PM	112.0	8263	32.05	22.96	16.59	11.02	8.48	5.83	4.37	3.4	17	101.90	0.91	60.5	6,087	9.3	2.8	10.2	5.8	4.4	8.9
0.287	82.5	4	2:21 PM	112.0	8866	34.04	24.49	17.78	11.84	9.11	6.23	4.67	3.7	18	101.90	0.91	59.9	6,106	9.4	2.9	10.3	5.8	4.4	9.0
0.389	82	1	2:22 PM	113.8	6298	29.46	15.02	9.1	6.15	4.63	2.96	2.17	1.7	10	103.24	0.87	68.4	6,771	10.6	2.1	8.7	5.8	4.4	7.9
0.389	82	2	2:22 PM	113.8	6342	27.02	14.77	9.24	6.22	4.69	2.98	2.2	1.9	10	103.24	0.87	62.9	7,059	11.1	2.3	9.2	5.9	4.5	8.6
0.389	82	3	2:22 PM	113.8	8394	34.97	20	12.64	8.44	6.28	4	2.91	2.2	14	103.24	0.87	61.7	7,089	11.2	2.4	9.4	5.9	4.5	8.7
0.389	82	4	2:22 PM	113.8	8877	36.43	21.3	13.5	9.01	6.69	4.26	3.08	2.4	14	103.24	0.88	60.9	7,110	11.2	2.4	9.5	5.9	4.5	8.9
0.481	82.4	1	2:23 PM	112.3	6167	23.3	15.32	10.56	6.66	4.97	3.3	2.52	2.1	11	102.17	0.89	57.6	7,109	11.2	2.6	10.1	6.0	4.5	9.4
0.481	82.4	2	2:23 PM	112.3	6244	21.69	14.83	10.41	6.72	5.11	3.34	2.39	1.8	11	102.17	0.89	53.5	7,297	11.6	2.8	10.7	6.1	4.6	10.1
0.481	82.4	3	2:23 PM	112.3	8241	27.55	19.2	13.7	8.92	6.74	4.43	3.35	2.7	14	102.17	0.89	51.8	7,413	11.8	2.9	11.0	6.1	4.6	10.4
0.481	82.4	4	2:23 PM	112.3	8811	29.16	20.48	14.63	9.55	7.19	4.74	3.59	3	15	102.17	0.89	51.3	7,453	11.9	3.0	11.0	6.1	4.6	10.5

0.575	82.6	1	2:24 PM	118.4	6101	33.5	19.9	13.25	8.3	6.12	4	3.03	2.4	14	106.63	0.89	80.3	5,329	8.0	2.1	8.2	5.5	4.2	6.7
0.575	82.6	2	2:24 PM	118.4	6145	30.44	19.04	13.04	8.29	6.25	4.05	2.97	2.4	14	106.63	0.89	73.2	5,540	8.3	2.4	8.8	5.6	4.3	7.4
0.575	82.6	3	2:24 PM	118.4	8175	39.65	25.44	17.48	11.04	8.29	5.35	3.92	3.1	18	106.63	0.89	71.8	5,601	8.5	2.4	8.9	5.6	4.3	7.5
0.575	82.6	4	2:24 PM	118.4	8724	42.11	27.32	18.78	11.87	8.86	5.73	4.19	3.3	20	106.63	0.89	71.5	5,607	8.5	2.4	9.0	5.6	4.3	7.6
0.669	82.8	1	2:25 PM	118.1	6123	25.46	12.42	7.96	4.72	3.41	2.25	1.72	1.4	8.6	106.44	0.83	58.8	8,259	13.5	2.2	9.2	6.1	4.6	9.2
0.669	82.8	2	2:25 PM	118.1	6123	23.75	12.02	7.94	4.83	3.57	2.33	1.76	1.4	8.3	106.44	0.84	55.5	8,354	13.6	2.4	9.7	6.1	4.6	9.7
0.669	82.8	3	2:25 PM	118.1	8076	28.91	15.29	10.33	6.43	4.76	3.12	2.37	1.9	11	106.44	0.84	51.8	8,637	14.2	2.5	10.2	6.2	4.7	10.4
0.669	82.8	4	2:25 PM	118.1	8647	30.09	16.35	11.05	6.91	5.12	3.37	2.54	2	12	106.44	0.84	50.6	8,732	14.4	2.6	10.4	6.2	4.7	10.7
0.763	83.8	1	2:26 PM	116.3	6156	31.5	22.38	15.85	9.77	6.99	4.21	2.9	2.2	17	105.16	0.90	76.2	5,131	7.6	2.4	8.7	5.5	4.2	7.1
0.763	83.8	2	2:26 PM	116.3	6277	29.76	21.46	15.53	9.78	7.1	4.31	2.97	2.3	16	105.16	0.90	71.1	5,307	7.9	2.6	9.2	5.6	4.3	7.6
0.763	83.8	3	2:26 PM	116.3	8197	38.4	27.98	20.43	13.04	9.46	5.78	4	3	21	105.16	0.90	70.5	5,268	7.9	2.6	9.3	5.6	4.3	7.7
0.763	83.8	4	2:26 PM	116.3	8789	40.95	30.01	21.99	14.11	10.26	6.27	4.33	3.2	23	105.16	0.90	70.3	5,243	7.8	2.7	9.4	5.6	4.3	7.7
0.860	84.3	1	2:29 PM	115.3	6145	24.84	17.28	12.43	8.28	6.06	3.78	2.64	2	12	104.51	0.89	61.2	6,141	9.4	2.8	10.1	5.8	4.4	8.8
0.860	84.3	2	2:29 PM	115.3	6266	23.55	16.7	12.2	8.16	6.07	3.81	2.7	2	12	104.51	0.89	57.3	6,386	9.9	2.9	10.6	5.9	4.5	9.4
0.860	84.3	3	2:29 PM	115.3	8241	30.86	22.14	16.31	11.02	8.16	5.15	3.65	2.8	16	104.51	0.89	57.3	6,308	9.7	3.0	10.6	5.9	4.5	9.4
0.860	84.3	4	2:29 PM	115.3	8789	32.82	23.57	17.39	11.74	8.73	5.5	3.89	3	17	104.51	0.89	57.2	6,302	9.7	3.0	10.7	5.9	4.5	9.4
0.945	84.1	1	2:30 PM	115.7	6167	24.59	16.71	12.39	8.67	6.76	4.67	3.54	2.8	12	104.83	0.91	61.6	5,779	8.8	2.9	10.3	5.8	4.4	8.8
0.945	84.1	2	2:30 PM	115.7	6167	22.91	15.9	12.06	8.62	6.8	4.74	3.57	2.8	12	104.83	0.91	58.0	5,896	9.0	3.1	10.8	5.8	4.5	9.3
0.945	84.1	3	2:30 PM	115.7	8087	29.59	20.77	15.8	11.32	8.9	6.2	4.7	3.7	15	104.83	0.91	57.2	5,933	9.0	3.1	10.9	5.9	4.5	9.4
0.945	84.1	4	2:30 PM	115.7	8702	31.64	22.28	16.95	12.14	9.56	6.66	5.06	4	17	104.83	0.91	56.9	5,951	9.1	3.1	11.0	5.9	4.5	9.5


BIA 33-10 Mile 0.00 - 1.00
Allowable Spring Axle Load, Tons
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Test Location, miles
AASHTO
TONN


BIA 33-10 Mile 0.00 - 1.00
Eff. GE, inches
Eff. R-value
40
35
30
25
20
15
10
5
0
80
70
60
50
40
30
20
10
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Test Location, miles
Eff. G.E.
Eff. R-value

County:	Shannon County SD
Date Tested:	6/19/2008
Julian:	171
Highway	BIA 33
From:	Jct BIA 27
To:	Jct BIA 28
Dir	SB
Prev Day Temp	75 °F
Bit. Thickness	3.5 inches
Daily ESALs	5.52
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	48,954
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
	46.12	31.56	21.88	13.69	9.77	5.87	4.27
		0.68	0.47	0.30	0.21	0.13	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							
	$_sBB_{no}$	Esg	Eff.	Eff SN	Axle Load for Design Defl. Tons			TONN
	mils	psi	R-val	inches	AASHTO			Tons
Avg. =	95.8	4,541	6.7	2.1	8.4			6.8
Median =	93.52	4,334	6.3	2.0	8.0			6.3
Std.Dev. =	29.99	1,325	2.3	0.7	2.0			2.3
85th % =	63.36	3,252	4.5	1.5	6.6			4.6

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	84	1	2:18 PM	100.2	6781	25.97	17.7	11.73	6.79	4.78	3.34	2.5	2.7	12	93.3	0.93	60.8	7,610	12.2	2.3	9.7	6.4	4.8	9.6
0.019	84	2	2:18 PM	100.2	6584	23.88	16.69	11.35	6.82	5.05	3.45	2.63	2.1	11	93.3	0.93	58.2	7,441	11.9	2.5	10.3	6.4	4.8	10.1
0.019	84	3	2:18 PM	100.2	8339	30.48	21.46	14.82	9.13	6.77	4.58	3.47	2.8	15	93.3	0.93	58.7	7,180	11.4	2.5	10.3	6.4	4.8	10.0
0.019	84	4	2:18 PM	100.2	8702	32.12	22.69	15.75	9.75	7.24	4.89	3.71	3	15	93.3	0.94	59.3	7,049	11.1	2.5	10.3	6.4	4.8	9.9
0.101	83.2	1	2:19 PM	113.5	6222	22.32	14.83	10.3	6.3	4.57	3.04	2.18	1.9	10	102.9	0.88	54.3	7,662	12.3	2.7	10.8	6.5	4.9	10.8
0.101	83.2	2	2:19 PM	113.5	6288	20.8	13.8	9.68	6.15	4.46	3	2.22	2	9.7	102.9	0.88	50.5	8,095	13.1	2.8	11.4	6.6	4.9	11.6
0.101	83.2	3	2:19 PM	113.5	8372	26.8	18.07	12.93	8.42	6.01	4.06	3.2	2.7	13	102.9	0.88	49.2	8,153	13.2	2.9	11.6	6.6	5.0	11.9
0.101	83.2	4	2:19 PM	113.5	8855	28.07	19.06	13.65	8.84	6.38	4.31	3.34	2.8	14	102.9	0.88	48.8	8,168	13.3	2.9	11.7	6.7	5.0	12.0
0.190	81.9	1	2:20 PM	111.2	6222	31.8	21.43	14.57	8.67	6.11	3.65	2.57	2	15	101.3	0.90	76.4	5,570	8.4	2.2	8.9	6.0	4.5	7.7
0.190	81.9	2	2:20 PM	111.2	6342	28.52	19.61	13.69	8.45	6.07	3.68	2.59	2	15	101.3	0.90	68.0	5,980	9.1	2.4	9.7	6.2	4.6	8.6
0.190	81.9	3	2:20 PM	111.2	8372	36.59	25.43	17.93	11.25	8.17	4.87	3.57	2.8	19	101.3	0.90	66.3	5,986	9.1	2.5	10.0	6.2	4.6	8.8
0.190	81.9	4	2:20 PM	111.2	8811	38.23	26.74	18.95	11.91	8.69	5.2	3.74	2.9	20	101.3	0.90	65.9	5,967	9.1	2.6	10.0	6.2	4.6	8.9
0.287	82.5	1	2:21 PM	112.0	6200	26.57	18.37	12.88	8.24	6.32	4.38	3.23	2.5	13	101.9	0.91	66.1	5,881	9.0	2.6	10.1	6.2	4.6	8.9
0.287	82.5	2	2:21 PM	112.0	6298	24.85	17.7	12.69	8.35	6.43	4.38	3.28	2.6	13	101.9	0.91	61.3	6,069	9.3	2.8	10.7	6.3	4.7	9.5
0.287	82.5	3	2:21 PM	112.0	8263	32.05	22.96	16.59	11.02	8.48	5.83	4.37	3.4	17	101.9	0.91	60.5	6,087	9.3	2.8	10.8	6.3	4.7	9.7
0.287	82.5	4	2:21 PM	112.0	8866	34.04	24.49	17.78	11.84	9.11	6.23	4.67	3.7	18	101.9	0.91	59.9	6,106	9.4	2.9	10.9	6.3	4.7	9.8
0.389	82	1	2:22 PM	113.8	6298	29.46	15.02	9.1	6.15	4.63	2.96	2.17	1.7	10	103.2	0.87	68.4	6,771	10.6	2.1	9.1	6.2	4.7	8.6
0.389	82	2	2:22 PM	113.8	6342	27.02	14.77	9.24	6.22	4.69	2.98	2.2	1.9	10	103.2	0.87	62.9	7,059	11.1	2.3	9.7	6.3	4.7	9.3
0.389	82	3	2:22 PM	113.8	8394	34.97	20	12.64	8.44	6.28	4	2.91	2.2	14	103.2	0.87	61.7	7,089	11.2	2.4	9.9	6.4	4.8	9.5
0.389	82	4	2:22 PM	113.8	8877	36.43	21.3	13.5	9.01	6.69	4.26	3.08	2.4	14	103.2	0.88	60.9	7,110	11.2	2.4	10.0	6.4	4.8	9.6
0.481	82.4	1	2:23 PM	112.3	6167	23.3	15.32	10.56	6.66	4.97	3.3	2.52	2.1	11	102.2	0.89	57.6	7,109	11.2	2.6	10.6	6.4	4.8	10.2
0.481	82.4	2	2:23 PM	112.3	6244	21.69	14.83	10.41	6.72	5.11	3.34	2.39	1.8	11	102.2	0.89	53.5	7,297	11.6	2.8	11.3	6.5	4.9	10.9
0.481	82.4	3	2:23 PM	112.3	8241	27.55	19.2	13.7	8.92	6.74	4.43	3.35	2.7	14	102.2	0.89	51.8	7,413	11.8	2.9	11.6	6.5	4.9	11.3
0.481	82.4	4	2:23 PM	112.3	8811	29.16	20.48	14.63	9.55	7.19	4.74	3.59	3	15	102.2	0.89	51.3	7,453	11.9	3.0	11.6	6.6	4.9	11.4

0.575	82.6	1	2:24 PM	118.4	6101	33.5	19.9	13.25	8.3	6.12	4	3.03	2.4	14	106.6	0.89	80.3	5,329	8.0	2.1	8.6	6.0	4.5	7.3
0.575	82.6	2	2:24 PM	118.4	6145	30.44	19.04	13.04	8.29	6.25	4.05	2.97	2.4	14	106.6	0.89	73.2	5,540	8.3	2.4	9.3	6.1	4.5	8.0
0.575	82.6	3	2:24 PM	118.4	8175	39.65	25.44	17.48	11.04	8.29	5.35	3.92	3.1	18	106.6	0.89	71.8	5,601	8.5	2.4	9.5	6.1	4.6	8.2
0.575	82.6	4	2:24 PM	118.4	8724	42.11	27.32	18.78	11.87	8.86	5.73	4.19	3.3	20	106.6	0.89	71.5	5,607	8.5	2.4	9.5	6.1	4.6	8.2
0.669	82.8	1	2:25 PM	118.1	6123	25.46	12.42	7.96	4.72	3.41	2.25	1.72	1.4	8.6	106.4	0.83	58.8	8,259	13.5	2.2	9.7	6.5	4.9	10.0
0.669	82.8	2	2:25 PM	118.1	6123	23.75	12.02	7.94	4.83	3.57	2.33	1.76	1.4	8.3	106.4	0.84	55.5	8,354	13.6	2.4	10.2	6.5	4.9	10.5
0.669	82.8	3	2:25 PM	118.1	8076	28.91	15.29	10.33	6.43	4.76	3.12	2.37	1.9	11	106.4	0.84	51.8	8,637	14.2	2.5	10.7	6.6	5.0	11.3
0.669	82.8	4	2:25 PM	118.1	8647	30.09	16.35	11.05	6.91	5.12	3.37	2.54	2	12	106.4	0.84	50.6	8,732	14.4	2.6	10.9	6.7	5.0	11.6
0.763	83.8	1	2:26 PM	116.3	6156	31.5	22.38	15.85	9.77	6.99	4.21	2.9	2.2	17	105.2	0.90	76.2	5,131	7.6	2.4	9.3	6.0	4.5	7.7
0.763	83.8	2	2:26 PM	116.3	6277	29.76	21.46	15.53	9.78	7.1	4.31	2.97	2.3	16	105.2	0.90	71.1	5,307	7.9	2.6	9.8	6.1	4.5	8.2
0.763	83.8	3	2:26 PM	116.3	8197	38.4	27.98	20.43	13.04	9.46	5.78	4	3	21	105.2	0.90	70.5	5,268	7.9	2.6	9.9	6.1	4.5	8.3
0.763	83.8	4	2:26 PM	116.3	8789	40.95	30.01	21.99	14.11	10.26	6.27	4.33	3.2	23	105.2	0.90	70.3	5,243	7.8	2.7	9.9	6.1	4.5	8.3
0.860	84.3	1	2:29 PM	115.3	6145	24.84	17.28	12.43	8.28	6.06	3.78	2.64	2	12	104.5	0.89	61.2	6,141	9.4	2.8	10.7	6.3	4.7	9.6
0.860	84.3	2	2:29 PM	115.3	6266	23.55	16.7	12.2	8.16	6.07	3.81	2.7	2	12	104.5	0.89	57.3	6,386	9.9	2.9	11.2	6.4	4.8	10.2
0.860	84.3	3	2:29 PM	115.3	8241	30.86	22.14	16.31	11.02	8.16	5.15	3.65	2.8	16	104.5	0.89	57.3	6,308	9.7	3.0	11.2	6.4	4.8	10.2
0.860	84.3	4	2:29 PM	115.3	8789	32.82	23.57	17.39	11.74	8.73	5.5	3.89	3	17	104.5	0.89	57.2	6,302	9.7	3.0	11.3	6.4	4.8	10.2
0.945	84.1	1	2:30 PM	115.7	6167	24.59	16.71	12.39	8.67	6.76	4.67	3.54	2.8	12	104.8	0.91	61.6	5,779	8.6	2.9	10.9	6.2	4.7	9.5
0.945	84.1	2	2:30 PM	115.7	6167	22.91	15.9	12.08	8.62	6.8	4.74	3.57	2.8	12	104.8	0.91	58.0	5,896	9.0	3.1	11.5	6.3	4.7	10.1
0.945	84.1	3	2:30 PM	115.7	8087	29.59	20.77	15.8	11.32	8.9	6.2	4.7	3.7	15	104.8	0.91	57.2	5,933	9.0	3.1	11.6	6.3	4.7	10.2
0.945	84.1	4	2:30 PM	115.7	8702	31.64	22.28	16.95	12.14	9.56	6.66	5.06	4	17	104.8	0.91	56.9	5,951	9.1	3.1	11.6	6.3	4.7	10.3
1.050	83.8	1	2:31 PM	115.1	6167	25.46	13.99	8.89	5.5	3.94	2.57	2	1.6	9.5	104.4	0.86	60.0	7,733	12.4	2.3	9.8	6.4	4.8	9.8
1.050	83.8	2	2:31 PM	115.1	6145	23.71	13.35	8.73	5.48	3.98	2.64	2.02	1.6	9.1	104.4	0.86	56.7	7,932	12.8	2.4	10.2	6.5	4.9	10.3
1.050	83.8	3	2:31 PM	115.1	7988	30.48	17.5	11.42	7.28	5.36	3.52	2.72	2.2	12	104.4	0.86	56.3	7,827	12.6	2.5	10.4	6.5	4.9	10.4
1.050	83.8	4	2:31 PM	115.1	8691	32.65	18.96	12.46	7.95	5.84	3.82	2.95	2.4	13	104.4	0.86	55.5	7,877	12.7	2.5	10.5	6.5	4.9	10.5
1.133	83.3	1	2:32 PM	112.1	6002	36.11	23.49	15.77	9.66	7	4.45	3.26	2.5	17	102.3	0.92	90.0	4,709	6.9	2.0	8.1	5.8	4.3	6.5
1.133	83.3	2	2:32 PM	112.1	6079	33.8	23	15.87	9.92	7.22	4.59	3.33	2.5	16	102.3	0.92	83.9	4,827	7.1	2.2	8.6	5.9	4.4	7.0
1.133	83.3	3	2:32 PM	112.1	7999	43.6	30.18	21.04	13.15	9.62	6.07	4.41	3.4	22	102.3	0.92	82.4	4,833	7.1	2.2	8.8	5.9	4.4	7.1
1.133	83.3	4	2:32 PM	112.1	8669	46.85	32.71	22.79	14.26	10.51	6.76	4.89	3.4	24	102.3	0.92	82.0	4,828	7.1	2.3	8.8	5.9	4.4	7.1
1.234	83.5	1	2:33 PM	116.6	6123	24.31	16.65	12	7.96	6.23	4.19	3.13	2.4	12	105.6	0.90	60.6	6,067	9.3	2.8	10.8	6.3	4.7	9.7
1.234	83.5	2	2:33 PM	116.6	6277	23.3	16.4	11.98	8.09	6.34	4.3	3.21	2.5	12	105.6	0.90	57.1	6,248	9.6	3.0	11.3	6.4	4.8	10.2
1.234	83.5	3	2:33 PM	116.6	8153	29.89	21.17	15.6	10.68	8.31	5.65	4.22	3.3	16	105.6	0.90	56.6	6,239	9.6	3.0	11.4	6.4	4.8	10.3
1.234	83.5	4	2:33 PM	116.6	8680	31.61	22.42	16.56	11.32	8.85	6.09	4.54	3.5	17	105.6	0.90	56.3	6,252	9.6	3.0	11.5	6.4	4.8	10.4
1.332	84	1	2:34 PM	116.1	6002	44.91	28.77	16.91	7.22	3.61	1.77	1.52	1.4	17	105.2	0.82	98.9	5,880	9.0	1.1	6.7	5.8	4.4	5.9
1.332	84	2	2:34 PM	116.1	6145	41.96	27.91	16.97	7.66	3.93	1.96	1.41	1.4	17	105.2	0.83	91.6	5,986	9.1	1.3	7.2	5.9	4.4	6.4
1.332	84	3	2:34 PM	116.1	8065	54.74	37.3	22.51	10.16	4.99	2.42	2.24	2.1	23	105.2	0.82	90.5	6,102	9.4	1.3	7.2	5.9	4.4	6.5
1.332	84	4	2:34 PM	116.1	8559	57.63	38.58	24.2	10.91	5.33	2.7	2.65	2.3	24	105.2	0.83	90.3	6,108	9.4	1.3	7.2	5.9	4.4	6.5
1.417	84.2	1	2:35 PM	115.5	6167	28.18	19.97	13.31	7.22	4.31	2.06	1.5	1.3	13	104.8	0.84	64.0	7,029	11.1	2.3	9.6	6.3	4.7	9.1
1.417	84.2	2	2:35 PM	115.5	6178	26.31	18.89	12.69	7	4.24	2.07	1.5	1.3	12	104.8	0.84	60.1	7,341	11.7	2.4	10.0	6.4	4.8	9.7
1.417	84.2	3	2:35 PM	115.5	8230	34.02	24.47	16.37	8.98	5.46	2.7	1.99	1.7	16	104.8	0.83	58.4	7,579	12.1	2.4	10.1	6.4	4.8	10.0
1.417	84.2	4	2:35 PM	115.5	8789	36.01	26.03	17.29	9.48	5.81	2.85	2.12	1.8	17	104.8	0.83	57.9	7,626	12.2	2.4	10.2	6.5	4.8	10.1
1.514	84.4	1	2:36 PM	115.9	6200	22.68	9.52	7.25	4.84	3.36	1.76	1.2	1.1	11	105.1	0.82	51.5	8,924	14.8	2.5	10.6	6.6	5.0	11.4
1.514	84.4	2	2:36 PM	115.9	6255	21.57	10.05	7.51	5.03	3.46	1.75	1.2	1.2	10	105.1	0.82	48.9	9,087	15.1	2.6	11.1	6.7	5.0	12.0
1.514	84.4	3	2:36 PM	115.9	8241	28.69	13.76	10.09	6.74	4.62	2.37	1.63	1.5	14	105.1	0.82	49.4	8,984	14.9	2.6	11.0	6.7	5.0	11.8
1.514	84.4	4	2:36 PM	115.9	8822	30.78	14.94	10.85	7.27	5.01	2.57	1.78	1.6	15	105.1	0.82	49.6	8,915	14.8	2.6	11.1	6.7	5.0	11.8

1.616	83.2	1	2:37 PM	118.8	6035	37.44	22.42	14.07	7.2	4.64	2.57	1.97	1.6	15	107.3	0.84	85.3	5,753	8.7	1.7	7.9	6.0	4.5	6.9
1.616	83.2	2	2:37 PM	118.8	6112	35.18	21.67	14.12	7.44	4.8	2.65	1.99	1.6	15	107.3	0.85	79.8	5,912	9.0	1.9	8.3	6.0	4.5	7.3
1.616	83.2	3	2:37 PM	118.8	8032	45.38	28.15	18.41	9.66	6.21	3.38	2.61	2.1	19	107.3	0.84	78.2	6,014	9.2	1.9	8.4	6.1	4.5	7.5
1.616	83.2	4	2:37 PM	118.8	8658	48.65	30.22	19.8	10.37	6.7	3.61	2.8	2.2	21	107.3	0.84	77.7	6,027	9.2	1.9	8.5	6.1	4.5	7.5
1.703	83.7	1	2:39 PM	117.7	6145	32.94	18.3	10.61	6.21	4.47	2.85	2.09	1.6	11	106.5	0.86	75.7	6,365	9.8	1.9	8.5	6.1	4.6	7.7
1.703	83.7	2	2:39 PM	117.7	6002	29.43	16.28	9.77	5.98	4.28	2.8	2.32	2	9.7	106.5	0.86	69.9	6,721	10.5	2.0	9.0	6.2	4.7	8.4
1.703	83.7	3	2:39 PM	117.7	8032	37.54	21.2	13.08	8.11	5.93	3.89	2.84	2.2	13	106.5	0.86	67.2	6,759	10.6	2.2	9.3	6.3	4.7	8.7
1.703	83.7	4	2:39 PM	117.7	8658	39.44	22.7	14.13	8.77	6.38	4.15	3.17	2.6	14	106.5	0.86	65.6	6,849	10.7	2.2	9.5	6.3	4.7	8.9
1.806	82.8	1	2:40 PM	119.0	5958	51.66	33.57	22.51	13.24	9.19	4.99	3.28	2.4	25	107.5	0.91	125.5	3,423	4.8	1.5	6.6	5.3	4.0	4.7
1.806	82.8	2	2:40 PM	119.0	6057	44.83	31	21.64	13.36	9.43	5.19	3.38	2.4	23	107.5	0.91	108.5	3,658	5.2	1.9	7.4	5.5	4.1	5.4
1.806	82.8	3	2:40 PM	119.0	7955	56.6	40.43	28.56	17.7	12.5	6.85	4.48	3.2	30	107.5	0.91	104.6	3,701	5.2	2.0	7.7	5.5	4.2	5.6
1.806	82.8	4	2:40 PM	119.0	8625	60.06	43.24	30.66	19.05	13.46	7.41	4.88	3.6	32	107.5	0.91	102.5	3,749	5.3	2.0	7.8	5.5	4.2	5.7
1.894	84.6	1	2:43 PM	116.2	5673	65.79	44.94	31.03	16.7	9.64	2.98	1.86	1.7	32	105.5	0.87	158.9	2,831	3.9	1.0	5.5	5.0	3.8	3.7
1.894	84.6	2	2:43 PM	116.2	5816	63.81	44.11	30.6	16.63	9.7	3.02	1.89	1.8	32	105.5	0.87	150.5	2,936	4.0	1.2	5.8	5.1	3.9	3.9
1.894	84.6	3	2:43 PM	116.2	7495	79.92	56.4	39.62	21.88	12.74	3.89	2.72	2.4	40	105.5	0.87	146.5	2,948	4.1	1.3	5.9	5.1	3.9	4.0
1.894	84.6	4	2:43 PM	116.2	8153	85.43	60.95	43.05	23.77	13.89	4.41	2.83	2.5	44	105.5	0.87	144.7	2,970	4.1	1.3	6.0	5.1	3.9	4.0
1.991	84.1	1	2:44 PM	118.1	6178	29.74	22.32	16.2	10.62	7.64	4.3	2.9	2.3	15	107.0	0.89	71.6	4,996	7.4	2.7	10.0	6.0	4.5	8.2
1.991	84.1	2	2:44 PM	118.1	6255	28.76	21.5	15.75	10.46	7.56	4.3	2.91	2.3	15	107.0	0.89	68.7	5,156	7.7	2.8	10.3	6.1	4.6	8.5
1.991	84.1	3	2:44 PM	118.1	8142	38.39	28.9	21.17	14.04	10.12	5.76	3.94	3.1	21	107.0	0.89	70.4	5,019	7.4	2.8	10.1	6.0	4.5	8.3
1.991	84.1	4	2:44 PM	118.1	8680	41.3	31.06	22.76	15.04	10.83	6.18	4.22	3.3	22	107.0	0.89	71.1	4,990	7.4	2.7	10.0	6.0	4.5	8.2
2.086	84.2	1	2:45 PM	121.9	5958	64.04	42.1	27.14	14.94	9.67	5.45	4.07	3.2	27	109.8	0.91	154.2	3,008	4.1	1.0	5.6	5.1	3.9	3.8
2.086	84.2	2	2:45 PM	121.9	6024	58.05	38.92	26.07	14.92	9.79	5.56	4.13	3.2	26	109.8	0.91	139.2	3,168	4.4	1.3	6.1	5.2	4.0	4.2
2.086	84.2	3	2:45 PM	121.9	7824	74.48	50.87	34.53	19.82	12.94	7.37	5.52	4.3	34	109.8	0.91	137.9	3,157	4.4	1.3	6.2	5.2	4.0	4.2
2.086	84.2	4	2:45 PM	121.9	8416	79.27	54.62	37.31	21.46	13.93	7.91	5.88	4.6	37	109.8	0.91	136.5	3,172	4.4	1.4	6.2	5.2	4.0	4.3
2.180	83.2	1	2:47 PM	118.5	5684	83.8	57.26	35.92	18.59	11.68	4.54	2.21	1.7	33	107.3	0.90	207.5	2,284	3.1	0.5	4.5	4.7	3.6	2.8
2.180	83.2	2	2:47 PM	118.5	5629	82.46	56.4	35.65	18.52	11.69	4.65	2.38	1.8	33	107.3	0.91	207.0	2,279	3.1	0.5	4.5	4.7	3.6	2.8
2.180	83.2	3	2:47 PM	118.5	7374	104.9	73.09	46.54	24.17	15.17	6	2.92	2.4	44	107.3	0.91	200.8	2,324	3.1	0.6	4.7	4.7	3.7	2.9
2.180	83.2	4	2:47 PM	118.5	8087	123	79.86	51.11	26.62	16.54	6.53	3.41	2.5	48	107.3	0.91	214.1	2,253	3.0	0.4	4.4	4.7	3.6	2.7
2.274	83.7	1	2:49 PM	119.7	6101	43.69	30.15	21.69	14.3	10.41	5.92	4.12	3.4	21	108.3	0.92	106.4	3,516	4.9	2.1	7.7	5.5	4.1	5.5
2.274	83.7	2	2:49 PM	119.7	6167	41.3	28.93	21.23	14.22	10.47	6.06	4.21	3.4	21	108.3	0.92	100.1	3,621	5.1	2.2	8.1	5.5	4.2	5.8
2.274	83.7	3	2:49 PM	119.7	8043	53.35	37.81	27.93	18.82	13.85	8.08	5.72	4.7	28	108.3	0.92	99.4	3,602	5.1	2.3	8.2	5.5	4.2	5.9
2.274	83.7	4	2:49 PM	119.7	8724	57.34	40.82	30.21	20.31	14.93	8.66	6.07	4.9	30	108.3	0.92	98.5	3,629	5.1	2.3	8.2	5.5	4.2	5.9
2.373	84.1	1	2:50 PM	114.0	6134	41.65	25.45	16.76	9.65	6.3	3.23	2.39	2	18	104.1	0.88	96.7	4,757	7.0	1.7	7.5	5.7	4.3	6.1
2.373	84.1	2	2:50 PM	114.0	6200	37.76	24.74	16.6	9.76	6.48	3.41	2.48	2	17	104.1	0.88	87.8	4,967	7.3	1.9	8.1	5.8	4.4	6.7
2.373	84.1	3	2:50 PM	114.0	8120	47.89	31.9	21.51	12.65	8.39	4.51	3.34	2.8	22	104.1	0.88	85.3	5,074	7.5	2.0	8.3	5.9	4.4	6.9
2.373	84.1	4	2:50 PM	114.0	8658	50.36	33.86	22.83	13.43	8.94	4.87	3.59	2.9	23	104.1	0.88	84.4	5,108	7.6	2.0	8.4	5.9	4.4	6.9
2.456	84.5	1	2:51 PM	114.1	6485	16.09	11.81	9.14	6.46	5.16	3.6	2.69	2.1	8.9	104.2	0.88	40.0	8,366	13.7	3.6	14.1	8.9	5.1	14.6
2.456	84.5	2	2:51 PM	114.1	6551	15.28	11.37	8.88	6.37	5.11	3.61	2.7	2.1	8.7	104.2	0.88	38.0	8,632	14.2	3.7	14.7	8.9	5.2	15.4
2.456	84.5	3	2:51 PM	114.1	8581	19.66	14.81	11.69	8.48	6.82	4.82	3.61	2.8	12	104.2	0.88	37.5	8,550	14.0	3.8	14.9	8.9	5.2	15.6
2.456	84.5	4	2:51 PM	114.1	9009	20.45	15.44	12.22	8.87	7.16	5.04	3.76	3	12	104.2	0.88	37.2	8,569	14.1	3.8	15.0	8.9	5.2	15.7
2.555	84.5	1	2:52 PM	121.4	5980	46.04	29.82	18.11	7.99	5.02	2.63	1.9	1.6	16	109.6	0.83	103.2	4,935	7.3	1.3	6.9	5.7	4.3	5.7
2.555	84.5	2	2:52 PM	121.4	6002	40.49	26.72	16.98	8.19	5.34	2.88	2.13	1.5	15	109.6	0.84	92.2	5,130	7.6	1.7	7.6	5.8	4.4	6.3
2.555	84.5	3	2:52 PM	121.4	7901	50.17	33.28	20.56	10.39	6.79	3.59	2.4	2.3	20	109.6	0.84	86.6	5,380	8.1	1.8	8.0	5.9	4.4	6.8
2.555	84.5	4	2:52 PM	121.4	8559	52.96	35.41	21.84	11.21	7.37	3.95	2.77	2.4	21	109.6	0.84	84.7	5,445	8.2	1.8	8.1	5.9	4.4	6.9

2.652	84.6	1	2:53 PM	125.3	6375	27.28	16.98	12.62	9.1	7.09	4.84	3.76	3	13	112.5	0.88	63.7	5,580	8.4	2.9	10.7	6.2	4.6	9.2
2.652	84.6	2	2:53 PM	125.3	6430	25.52	16.55	12.43	9.04	7.14	4.91	3.74	3	13	112.5	0.88	59.6	5,740	8.7	3.0	11.3	6.3	4.7	9.8
2.652	84.6	3	2:53 PM	125.3	8493	33.46	21.95	16.51	12.04	9.41	6.47	4.98	4	17	112.5	0.88	59.2	5,763	8.7	3.1	11.3	6.3	4.7	9.9
2.652	84.6	4	2:53 PM	125.3	8965	35.07	23.17	17.46	12.74	9.96	6.86	5.25	4.2	18	112.5	0.88	58.9	5,767	8.7	3.1	11.4	6.3	4.7	9.9
2.751	84.3	1	2:54 PM	121.7	6408	34.25	23.83	18.08	11.91	8.46	4.44	2.86	2.2	18	109.9	0.88	77.7	4,610	6.7	2.6	9.5	5.9	4.4	7.5
2.751	84.3	2	2:54 PM	121.7	6518	32.93	23.48	17.93	12.02	8.61	4.56	2.92	2.3	18	109.9	0.88	74.0	4,709	6.9	2.7	9.9	6.0	4.5	7.9
2.751	84.3	3	2:54 PM	121.7	8405	42.83	31.12	23.77	15.98	11.44	6.06	3.93	3.1	23	109.9	0.89	74.8	4,606	6.7	2.7	9.9	5.9	4.5	7.8
2.751	84.3	4	2:54 PM	121.7	8888	45.3	33.07	25.24	16.97	12.12	6.42	4.2	3.3	25	109.9	0.89	74.8	4,600	6.7	2.7	9.9	5.9	4.5	7.8
2.839	84.6	1	2:55 PM	119.0	6035	47.21	33.56	22.9	13.36	8.45	4.03	2.85	2.4	23	107.9	0.88	111.0	3,782	5.4	1.7	7.2	5.5	4.1	5.3
2.839	84.6	2	2:55 PM	119.0	6145	44.85	32.39	22.44	13.3	8.56	4.17	2.95	2.5	23	107.9	0.89	104.2	3,915	5.6	1.9	7.5	5.5	4.2	5.6
2.839	84.6	3	2:55 PM	119.0	7933	58.2	42.58	29.7	17.67	11.37	5.54	3.94	3.3	31	107.9	0.89	105.1	3,846	5.5	1.9	7.5	5.5	4.2	5.6
2.839	84.6	4	2:55 PM	119.0	8515	62.46	46.04	32.15	19.17	12.25	6.02	4.33	3.7	33	107.9	0.89	105.2	3,838	5.4	1.9	7.5	5.5	4.2	5.6
2.945	84	1	2:56 PM	112.5	6397	21.8	15.57	11.46	7.69	5.75	3.79	2.94	2.4	11	103.2	0.89	52.9	6,943	10.9	3.0	11.7	6.5	4.8	11.1
2.945	84	2	2:56 PM	112.5	6309	20.8	15.07	11.27	7.68	5.81	3.85	2.98	2.4	11	103.2	0.90	51.5	6,918	10.9	3.1	12.0	6.5	4.9	11.4
2.945	84	3	2:56 PM	112.5	8175	27.42	20.13	15.09	10.3	7.74	5.08	3.93	3.2	15	103.2	0.90	52.4	6,752	10.6	3.1	11.9	6.5	4.8	11.2
2.945	84	4	2:56 PM	112.5	8800	29.5	21.54	16.2	11.01	8.26	5.43	4.19	3.4	16	103.2	0.90	52.3	6,792	10.6	3.1	11.9	6.5	4.8	11.2
3.031	83.4	1	2:57 PM	115.3	5684	82.14	43.51	25.09	12.67	8.36	4.82	3.31	2.4	30	105.2	0.92	206.3	2,718	3.7	0.1	4.3	4.8	3.7	2.8
3.031	83.4	2	2:57 PM	115.3	5739	72.67	41.62	25.75	13.62	9.05	5.17	3.47	2.5	28	105.2	0.92	182.8	2,812	3.8	0.5	4.8	4.9	3.8	3.2
3.031	83.4	3	2:57 PM	115.3	7560	93.49	56.04	35.23	18.3	11.9	6.69	4.49	3.2	39	105.2	0.92	178.3	2,848	3.9	0.6	4.9	4.9	3.8	3.3
3.031	83.4	4	2:57 PM	115.3	8186	99.29	60.98	38.81	20.24	13.11	7.38	4.91	3.4	42	105.2	0.92	175.4	2,852	3.9	0.7	5.0	4.9	3.8	3.3
3.132	86.2	1	3:00 PM	117.5	6529	18.81	14.81	11.86	8.69	6.81	4.15	2.85	2.1	11	106.9	0.88	45.3	6,578	10.2	3.7	14.0	6.6	4.9	12.9
3.132	86.2	2	3:00 PM	117.5	6628	18.56	14.67	11.74	8.59	6.78	4.14	2.87	2.1	11	106.9	0.88	44.1	6,720	10.5	3.8	14.2	6.6	5.0	13.3
3.132	86.2	3	3:00 PM	117.5	8713	24.54	19.57	15.72	11.59	9.04	5.52	3.85	3	14	106.9	0.88	44.4	6,636	10.3	3.8	14.2	6.6	4.9	13.2
3.132	86.2	4	3:00 PM	117.5	9031	25.48	20.4	16.4	12.07	9.39	5.72	3.98	3.1	15	106.9	0.88	44.5	6,623	10.3	3.8	14.2	6.6	4.9	13.2
3.230	85.7	1	3:01 PM	120.5	5991	48.61	26.56	16.98	10.98	8.07	4.96	3.5	2.7	19	109.2	0.90	117.1	3,794	5.4	1.5	6.8	5.4	4.1	5.0
3.230	85.7	2	3:01 PM	120.5	6079	44.64	26.22	17.13	11.16	8.22	5.04	3.53	2.8	18	109.2	0.90	106.7	3,968	5.7	1.8	7.3	5.5	4.2	5.5
3.230	85.7	3	3:01 PM	120.5	7966	55.76	34.52	22.99	15	10.96	6.69	4.76	3.7	25	109.2	0.90	102.2	4,017	5.7	1.9	7.6	5.6	4.2	5.7
3.230	85.7	4	3:01 PM	120.5	8614	59.24	37.31	25.15	16.27	11.96	7.32	5.11	4	27	109.2	0.90	100.6	4,028	5.8	1.9	7.7	5.6	4.2	5.8
3.335	85.8	1	3:02 PM	118.0	6342	63.23	34.41	17.34	10.72	8.18	5.56	4.45	3.6	19	107.3	0.91	144.0	3,505	4.9	0.9	5.7	5.2	4.0	4.1
3.335	85.8	2	3:02 PM	118.0	6331	52.87	30.94	17.49	11.11	8.5	5.75	4.54	3.6	18	107.3	0.92	122.3	3,749	5.3	1.4	6.5	5.4	4.1	4.8
3.335	85.8	3	3:02 PM	118.0	8065	64.47	39.73	23.7	15.19	11.53	7.61	6.07	4.9	24	107.3	0.92	117.8	3,702	5.2	1.5	6.8	5.4	4.1	5.0
3.335	85.8	4	3:02 PM	118.0	8526	66.82	41.91	25.57	16.48	12.42	8.15	6.51	5.2	26	107.3	0.92	115.8	3,699	5.2	1.6	6.9	5.4	4.1	5.1
3.414	85.3	1	3:03 PM	116.4	5794	68.26	43.32	28.25	16.78	12.55	7.93	5.38	4	30	106.2	0.96	177.1	2,475	3.3	0.9	5.2	4.8	3.7	3.3
3.414	85.3	2	3:03 PM	116.4	5849	63.14	42.22	28.65	17.22	13.06	8.21	5.58	4	29	106.2	0.96	163.3	2,532	3.4	1.2	5.6	4.9	3.8	3.6
3.414	85.3	3	3:03 PM	116.4	7615	80.43	54.72	38.04	22.81	17.36	10.7	7.37	4.9	39	106.2	0.96	160.0	2,526	3.4	1.3	5.7	4.9	3.8	3.7
3.414	85.3	4	3:03 PM	116.4	8219	85.85	59.17	41.69	25.07	18.76	11.7	7.96	5.4	42	106.2	0.96	158.4	2,536	3.4	1.3	5.8	4.9	3.8	3.7
3.511	85.6	1	3:04 PM	117.7	5849	57.95	35.51	23.68	13.92	9.76	5.85	4.2	3.4	23	107.2	0.93	145.3	3,084	4.3	1.2	5.9	5.1	3.9	4.0
3.511	85.6	2	3:04 PM	117.7	5849	53.5	33.99	23.42	14.1	9.89	5.94	4.25	3.4	22	107.2	0.93	134.9	3,178	4.4	1.4	6.3	5.2	4.0	4.3
3.511	85.6	3	3:04 PM	117.7	7692	67.64	44.31	31.11	18.99	13.33	8.02	5.74	4.6	30	107.2	0.93	130.3	3,193	4.4	1.5	6.5	5.2	4.0	4.5
3.511	85.6	4	3:04 PM	117.7	8383	72.08	48.05	33.91	20.79	14.61	8.71	6.29	5.2	32	107.2	0.93	127.5	3,215	4.5	1.6	6.6	5.3	4.0	4.6
3.605	85.8	1	3:05 PM	117.2	5991	40.2	28.13	20.35	13.12	9.54	5.68	3.94	3.2	20	106.8	0.92	100.3	3,762	5.3	2.1	8.0	5.6	4.2	5.8
3.605	85.8	2	3:05 PM	117.2	6156	38.69	27.58	20.2	13.19	9.7	5.83	4.02	3	20	106.8	0.92	94.4	3,885	5.5	2.3	8.4	5.6	4.2	6.2
3.605	85.8	3	3:05 PM	117.2	8032	50.44	36.41	26.81	17.59	12.81	7.59	5.3	4.2	27	106.8	0.92	94.3	3,857	5.5	2.3	8.4	5.6	4.2	6.2
3.605	85.8	4	3:05 PM	117.2	8669	54.38	39.53	29.16	19.15	13.94	8.24	5.75	4.6	29	106.8	0.92	94.3	3,839	5.5	2.3	8.4	5.6	4.2	6.2

3.715	86.2	1	3:06 PM	118.2	5827	55.4	38.13	25.8	16.52	12.48	7.46	4.67	3.9	28	107.6	0.95	143.1	2,737	3.7	1.5	6.2	5.1	3.9	4.1
3.715	86.2	2	3:06 PM	118.2	5827	51.38	36.01	25.23	16.48	12.42	7.49	4.85	3.8	27	107.6	0.95	133.3	2,831	3.9	1.7	6.6	5.1	3.9	4.4
3.715	86.2	3	3:06 PM	118.2	7615	66.24	46.87	33.03	21.59	16.39	9.78	6.36	5	36	107.6	0.95	131.6	2,830	3.9	1.8	6.7	5.1	4.0	4.4
3.715	86.2	4	3:06 PM	118.2	8328	71.3	50.6	35.89	23.42	17.73	10.5	6.82	5.4	39	107.6	0.95	129.4	2,866	3.9	1.8	6.8	5.2	4.0	4.5
3.790	85.8	1	3:07 PM	116.7	6068	48.21	25.98	15.86	9.62	6.72	3.98	2.81	2.2	17	106.5	0.89	113.1	4,237	6.1	1.4	6.7	5.5	4.2	5.2
3.790	85.8	2	3:07 PM	116.7	6046	43	24.1	15.32	9.5	6.73	4.07	2.87	2.2	16	106.5	0.89	102.3	4,463	6.5	1.6	7.3	5.7	4.3	5.7
3.790	85.8	3	3:07 PM	116.7	7912	53.81	31.16	20.17	12.52	8.89	5.34	3.78	2.9	21	106.5	0.89	98.2	4,538	6.6	1.7	7.6	5.7	4.3	6.0
3.790	85.8	4	3:07 PM	116.7	8570	56.9	33.47	21.87	13.61	9.66	5.82	4.13	3.2	22	106.5	0.89	96.1	4,582	6.7	1.8	7.7	5.7	4.3	6.1
3.895	85.3	1	3:08 PM	117.0	6112	33.61	23.39	15.44	9.98	7.25	4.59	3.35	2.7	16	106.8	0.90	81.5	4,853	7.1	2.3	8.9	5.9	4.4	7.2
3.895	85.3	2	3:08 PM	117.0	6134	31.37	22.08	14.9	9.76	7.15	4.59	3.35	2.7	16	106.8	0.90	76.3	5,055	7.5	2.4	9.3	6.0	4.5	7.7
3.895	85.3	3	3:08 PM	117.0	8131	41.62	29.58	20.12	13.28	9.71	6.2	4.55	3.6	21	106.8	0.90	76.5	4,981	7.4	2.5	9.3	6.0	4.5	7.6
3.895	85.3	4	3:08 PM	117.0	8680	44.45	31.7	21.62	14.2	10.44	6.66	4.87	3.9	22	106.8	0.90	76.6	4,959	7.3	2.5	9.3	6.0	4.5	7.6
3.980	87.7	1	3:09 PM	119.2	6024	39.39	25.64	18.41	12.19	8.83	5.33	3.89	3.1	17	108.4	0.91	96.7	3,992	5.7	2.1	8.1	5.6	4.2	6.0
3.980	87.7	2	3:09 PM	119.2	6112	37.31	24.66	17.96	12.02	8.76	5.33	3.85	3.1	17	108.4	0.91	90.6	4,161	6.0	2.3	8.5	5.7	4.3	6.5
3.980	87.7	3	3:09 PM	119.2	8043	48.74	32.88	24.07	16.18	11.83	7.27	5.18	4.1	23	108.4	0.91	90.4	4,109	5.9	2.3	8.5	5.7	4.3	6.5
3.980	87.7	4	3:09 PM	119.2	8691	52.33	35.57	26.08	17.53	12.91	7.95	5.55	4.3	25	108.4	0.91	90.0	4,095	5.9	2.3	8.6	5.7	4.3	6.5
4.084	85.5	1	3:10 PM	117.3	5805	69.3	42.47	25.82	13.74	8.44	3.67	2.35	2.1	29	107.0	0.88	165.4	3,015	4.2	0.7	5.2	5.0	3.8	3.5
4.084	85.5	2	3:10 PM	117.3	5860	63.35	40.43	25.65	14.02	8.78	3.91	2.5	2.1	28	107.0	0.89	151.3	3,123	4.3	1.0	5.6	5.1	3.9	3.9
4.084	85.5	3	3:10 PM	117.3	7703	79.2	52.15	33.66	18.34	11.33	5.01	3.26	2.8	35	107.0	0.89	143.9	3,232	4.5	1.1	5.9	5.2	3.9	4.1
4.084	85.5	4	3:10 PM	117.3	8361	84.58	56.18	36.63	20	12.33	5.46	3.68	3.1	38	107.0	0.89	141.7	3,254	4.5	1.2	5.9	5.2	4.0	4.1
4.169	84.7	1	3:11 PM	117.0	5947	46.56	28.29	18.32	11.6	8.51	5.15	3.91	3.1	19	106.8	0.91	114.7	3,737	5.3	1.6	7.0	5.4	4.1	5.1
4.169	84.7	2	3:11 PM	117.0	5947	43.32	27.05	17.93	11.52	8.52	5.33	3.92	3.1	19	106.8	0.92	107.6	3,859	5.5	1.8	7.3	5.5	4.2	5.4
4.169	84.7	3	3:11 PM	117.0	7901	56.61	36.09	24.14	15.19	11.71	7.74	4.99	4	25	106.8	0.93	107.0	3,814	5.4	1.8	7.4	5.5	4.2	5.5
4.169	84.7	4	3:11 PM	117.0	8460	60.32	38.94	26.17	16.69	12.59	8.2	5.53	4.4	28	106.8	0.92	106.4	3,814	5.4	1.9	7.5	5.5	4.2	5.5
4.265	84.9	1	3:12 PM	116.6	6156	38.15	23.39	14.78	9.64	7.17	4.63	3.4	2.7	16	106.6	0.90	91.1	4,650	6.8	2.0	8.1	5.8	4.3	6.4
4.265	84.9	2	3:12 PM	116.6	6112	35.86	22.52	14.59	9.56	7.16	4.64	3.43	2.7	15	106.6	0.90	86.7	4,751	7.0	2.1	8.4	5.8	4.4	6.7
4.265	84.9	3	3:12 PM	116.6	7890	46.26	29.8	19.67	13.05	9.74	6.24	4.59	3.6	21	106.6	0.91	87.0	4,615	6.7	2.2	8.5	5.8	4.4	6.7
4.265	84.9	4	3:12 PM	116.6	8603	49.88	32.27	21.47	14.27	10.65	6.82	4.99	3.9	22	106.6	0.91	86.1	4,630	6.8	2.2	8.5	5.8	4.4	6.8
4.359	84.6	1	3:13 PM	117.5	6068	43.65	25.61	16.66	9.9	6.67	3.75	2.72	2.2	19	107.3	0.88	102.1	4,467	6.5	1.6	7.3	5.7	4.3	5.7
4.359	84.6	2	3:13 PM	117.5	5947	38.72	23.78	15.92	9.71	6.57	3.74	2.69	2.2	18	107.3	0.88	93.2	4,675	6.8	1.9	7.9	5.8	4.3	6.3
4.359	84.6	3	3:13 PM	117.5	8010	50.67	31.46	21.19	13.03	8.76	5.03	3.57	2.9	23	107.3	0.88	90.8	4,764	7.0	1.9	8.0	5.8	4.3	6.4
4.359	84.6	4	3:13 PM	117.5	8614	54.16	33.76	22.93	13.88	9.55	5.52	3.96	3.2	25	107.3	0.88	90.5	4,743	7.0	1.9	8.1	5.8	4.3	6.5
4.459	85.5	1	3:14 PM	117.5	6277	38.24	26.9	19.06	12.73	9.78	6.5	4.78	3.7	19	107.3	0.93	92.5	3,959	5.6	2.3	8.5	5.7	4.3	6.3
4.459	85.5	2	3:14 PM	117.5	6320	36.02	25.81	18.74	12.78	9.92	6.64	4.89	3.8	18	107.3	0.93	87.1	4,038	5.8	2.5	8.9	5.7	4.3	6.7
4.459	85.5	3	3:14 PM	117.5	7890	46.78	33.63	24.56	16.82	12.97	8.72	6.37	4.8	24	107.3	0.94	90.8	3,865	5.5	2.4	8.7	5.6	4.3	6.4
4.459	85.5	4	3:14 PM	117.5	8416	50.43	36.31	26.62	18.22	14.06	9.46	6.88	5.3	26	107.3	0.94	91.8	3,811	5.4	2.4	8.7	5.6	4.3	6.4
4.553	85	1	3:15 PM	119.2	6024	43.41	28.85	19.43	11.48	8.37	5.31	3.9	3	21	108.6	0.91	105.8	3,943	5.6	1.8	7.4	5.5	4.2	5.5
4.553	85	2	3:15 PM	119.2	6112	40.25	27.37	18.88	11.54	8.55	5.45	4	3.1	20	108.6	0.91	97.4	4,088	5.9	2.0	7.9	5.6	4.2	6.0
4.553	85	3	3:15 PM	119.2	8010	52.74	36.2	24.93	15.28	11.23	7.38	5.33	4	27	108.6	0.91	97.7	4,083	5.8	2.0	7.9	5.6	4.2	6.0
4.553	85	4	3:15 PM	119.2	8658	57.02	39.26	27.06	16.53	12.2	7.95	5.76	4.4	29	108.6	0.91	97.7	4,071	5.8	2.0	7.9	5.6	4.2	6.0
4.660	86.4	1	3:16 PM	116.7	6145	36.46	26.16	18.06	11.7	8.46	5.01	3.4	2.6	19	106.7	0.91	88.2	4,311	6.2	2.3	8.6	5.7	4.3	6.6
4.660	86.4	2	3:16 PM	116.7	6101	33.97	24.59	17.48	11.76	8.57	5.1	3.54	2.6	18	106.7	0.91	83.4	4,368	6.3	2.5	9.0	5.8	4.4	7.0
4.660	86.4	3	3:16 PM	116.7	7922	43.77	32.18	23.09	15.59	11.54	6.94	4.78	3.5	24	106.7	0.91	83.2	4,283	6.2	2.5	9.1	5.8	4.4	7.0
4.660	86.4	4	3:16 PM	116.7	8548	46.84	34.57	24.8	17.06	12.48	7.51	5.15	3.9	25	106.7	0.92	82.6	4,290	6.2	2.5	9.2	5.8	4.4	7.1

4.744	85.5	1	3:17 PM	118.4	6200	47.25	29.2	17.34	8.66	5.2	2.89	2.19	1.7	18	108.0	0.85	103.9	4,962	7.3	1.3	6.9	5.7	4.3	5.6
4.744	85.5	2	3:17 PM	118.4	6178	39.91	25.27	15.86	8.43	5.32	2.97	2.22	1.7	16	108.0	0.85	89.4	5,329	8.0	1.7	7.8	5.9	4.4	6.5
4.744	85.5	3	3:17 PM	118.4	8120	48.99	30.94	19.6	10.23	6.51	3.7	2.35	2.1	20	108.0	0.85	83.5	5,715	8.7	1.8	8.1	6.0	4.5	7.0
4.744	85.5	4	3:17 PM	118.4	8658	50.82	32.22	20.55	10.79	6.81	3.89	2.83	2.4	21	108.0	0.84	81.2	5,849	8.9	1.8	8.2	6.0	4.5	7.2
4.849	85.3	1	3:18 PM	120.0	6255	20.3	15.83	11.48	8.05	6.1	4.02	3.1	2.5	11	109.2	0.88	49.7	6,693	10.4	3.4	12.6	6.5	4.9	11.8
4.849	85.3	2	3:18 PM	120.0	6397	19.5	15.04	11.22	7.98	6.13	4.1	3.17	2.6	11	109.2	0.88	47.0	6,907	10.8	3.5	13.1	6.6	4.9	12.4
4.849	85.3	3	3:18 PM	120.0	8460	25.89	19.85	14.86	10.55	8.05	5.32	4.09	3.3	15	109.2	0.87	47.1	6,933	10.9	3.5	13.1	6.6	4.9	12.4
4.849	85.3	4	3:18 PM	120.0	8789	26.73	20.52	15.43	10.96	8.35	5.5	4.22	3.4	15	109.2	0.87	46.8	6,953	10.9	3.5	13.2	6.6	4.9	12.5
4.930	85	1	3:19 PM	122.0	6013	47.56	25.63	15.51	8.85	6.37	4.21	3.17	2.6	15	110.7	0.88	111.4	4,342	6.3	1.4	6.8	5.6	4.2	5.3
4.930	85	2	3:19 PM	122.0	6145	44.65	24.7	15.41	9.05	6.69	4.4	3.3	2.8	15	110.7	0.88	103.2	4,467	6.5	1.6	7.2	5.6	4.2	5.7
4.930	85	3	3:19 PM	122.0	8054	55.45	31.23	19.65	11.58	8.44	5.59	4.3	3.6	19	110.7	0.88	97.8	4,577	6.8	1.7	7.5	5.7	4.3	6.0
4.930	85	4	3:19 PM	122.0	8658	58.19	32.96	20.84	12.37	8.99	5.97	4.65	3.9	21	110.7	0.88	95.5	4,754	7.0	1.7	7.6	5.7	4.3	6.1
5.034	85.8	1	3:20 PM	118.5	6222	23.81	16.04	11.61	8.15	6.31	4.21	3.22	2.6	12	108.2	0.88	57.9	6,164	9.5	3.0	11.2	6.3	4.7	10.1
5.034	85.8	2	3:20 PM	118.5	6167	22.3	15.3	11.27	8.01	6.28	4.24	3.24	2.6	12	108.2	0.89	55.2	6,273	9.7	3.1	11.7	6.4	4.8	10.6
5.034	85.8	3	3:20 PM	118.5	8208	28.93	20	14.81	10.56	8.3	5.62	4.29	3.5	16	108.2	0.89	54.0	6,357	9.8	3.2	11.9	6.4	4.8	10.8
5.034	85.8	4	3:20 PM	118.5	8822	30.8	21.24	15.78	11.28	8.85	6	4.59	3.7	17	108.2	0.89	53.5	6,412	9.9	3.2	12.0	6.4	4.8	10.9
5.121	85.9	1	3:21 PM	116.4	6057	29.72	20.82	14.43	9.16	6.77	4.15	3.05	2.3	15	106.6	0.89	72.9	5,270	7.9	2.5	9.6	6.0	4.5	8.0
5.121	85.9	2	3:21 PM	116.4	6123	27.62	19.93	14.19	9.24	6.89	4.24	3.08	2.4	15	106.6	0.89	67.6	5,429	8.1	2.7	10.2	6.1	4.6	8.6
5.121	85.9	3	3:21 PM	116.4	8197	36.54	26.59	19.17	12.65	9.41	5.77	4.24	3.3	20	106.6	0.89	67.0	5,387	8.1	2.8	10.3	6.1	4.6	8.7
5.121	85.9	4	3:21 PM	116.4	8745	38.71	28.41	20.54	13.49	10.07	6.22	4.49	3.5	21	106.6	0.90	66.7	5,391	8.1	2.8	10.4	6.1	4.6	8.8
5.209	86	1	3:22 PM	118.0	6112	26.39	18.07	12.96	8.49	6.36	4.1	2.99	2.2	13	107.8	0.89	64.5	5,792	8.8	2.7	10.4	6.2	4.6	9.1
5.209	86	2	3:22 PM	118.0	6211	24.1	17.06	12.61	8.51	6.4	4.17	3.04	2.3	13	107.8	0.89	58.7	6,071	9.3	3.0	11.2	6.3	4.7	10.0
5.209	86	3	3:22 PM	118.0	8230	30.87	22.13	16.54	11.28	8.55	5.61	4.09	3.1	17	107.8	0.89	57.0	6,113	9.4	3.1	11.5	6.3	4.7	10.3
5.209	86	4	3:22 PM	118.0	8811	32.59	23.48	17.63	12.11	9.19	6.04	4.4	3.3	18	107.8	0.89	56.4	6,128	9.4	3.1	11.6	6.4	4.8	10.4
5.311	86.2	1	3:23 PM	118.8	6485	14.94	12.19	10.55	8.46	6.96	4.85	3.64	2.9	11	108.5	0.89	38.0	6,539	10.2	4.4	16.7	6.8	5.1	15.4
5.311	86.2	2	3:23 PM	118.8	6617	15.26	12.06	10.45	8.39	6.96	4.87	3.65	2.9	11	108.5	0.89	38.0	6,705	10.5	4.4	16.5	6.8	5.1	15.4
5.311	86.2	3	3:23 PM	118.8	8658	19.54	15.87	13.75	11	9.14	6.38	4.77	3.8	14	108.5	0.89	37.4	6,666	10.4	4.4	16.8	6.8	5.1	15.7
5.311	86.2	4	3:23 PM	118.8	8976	20.29	16.43	14.23	11.45	9.44	6.59	4.94	3.9	15	108.5	0.89	37.4	6,695	10.5	4.4	16.8	6.8	5.1	15.6
5.405	86.9	1	3:24 PM	117.4	6178	29.23	17.35	11.3	7.04	5.06	3.11	2.31	1.8	12	107.5	0.86	67.9	6,365	9.8	2.3	9.5	6.2	4.6	8.6
5.405	86.9	2	3:24 PM	117.4	6156	26.74	16.44	11.12	7.04	5.11	3.2	2.34	1.8	12	107.5	0.86	63.1	6,574	10.2	2.5	10.0	6.3	4.7	9.3
5.405	86.9	3	3:24 PM	117.4	8164	33.92	21.45	14.72	9.48	6.91	4.34	3.2	2.5	16	107.5	0.86	60.8	6,634	10.3	2.6	10.4	6.3	4.7	9.6
5.405	86.9	4	3:24 PM	117.4	8800	35.94	22.94	15.89	10.28	7.47	4.7	3.45	2.7	17	107.5	0.86	59.9	6,674	10.4	2.6	10.5	6.4	4.7	9.8
5.508	86.1	1	3:25 PM	119.0	6244	21.31	14.39	10.78	7.56	5.91	3.97	2.94	2.3	11	108.7	0.88	51.9	6,713	10.5	3.2	12.1	6.5	4.8	11.3
5.508	86.1	2	3:25 PM	119.0	6320	20.35	13.85	10.5	7.43	5.87	3.97	2.95	2.3	10	108.7	0.88	49.3	6,935	10.9	3.3	12.5	6.6	4.9	11.9
5.508	86.1	3	3:25 PM	119.0	8328	26.67	18.38	14.02	9.94	7.84	5.28	3.93	3.1	14	108.7	0.88	49.1	6,885	10.8	3.3	12.6	6.5	4.9	11.9
5.508	86.1	4	3:25 PM	119.0	8789	27.98	19.36	14.82	10.53	8.3	5.58	4.15	3.3	15	108.7	0.88	48.9	6,883	10.8	3.3	12.7	6.6	4.9	12.0
5.602	87	1	3:26 PM	117.9	6266	37.59	23.15	16.25	10.22	7.31	4.27	3.17	2.5	17	107.9	0.89	87.0	4,714	6.9	2.1	8.4	5.8	4.4	6.7
5.602	87	2	3:26 PM	117.9	6288	34.76	22.06	15.89	10.16	7.34	4.35	3.14	2.5	17	107.9	0.89	80.9	4,886	7.2	2.3	8.9	5.9	4.4	7.2
5.602	87	3	3:26 PM	117.9	8285	45.43	29.46	21.26	13.63	9.8	5.76	4.25	3.4	22	107.9	0.89	80.3	4,867	7.2	2.3	9.0	5.9	4.4	7.3
5.602	87	4	3:26 PM	117.9	8734	47.37	31.06	22.46	14.42	10.35	6.05	4.46	3.6	23	107.9	0.89	79.5	4,885	7.2	2.4	9.1	5.9	4.4	7.4
5.694	86	1	3:27 PM	120.2	5936	46.92	30.81	20.26	11.51	7.96	4.57	3.19	2.7	22	109.6	0.89	113.1	3,851	5.5	1.6	7.0	5.5	4.1	5.2
5.694	86	2	3:27 PM	120.2	6046	41.94	29.3	19.89	11.82	8.49	4.91	3.45	2.5	21	109.6	0.90	100.8	3,988	5.7	2.0	7.7	5.6	4.2	5.8
5.694	86	3	3:27 PM	120.2	8032	54.3	39.37	26.76	15.98	11.02	6.35	4.36	3.9	28	109.6	0.90	98.1	4,086	5.9	2.0	7.9	5.6	4.2	6.0
5.694	86	4	3:27 PM	120.2	8559	57.34	42.07	28.57	17.18	11.85	6.88	4.79	4	30	109.6	0.90	97.5	4,081	5.8	2.0	7.9	5.6	4.2	6.0

5.784	86.4	1	3:29 PM	120.1	5958	39.2	23.12	14.65	9.04	6.87	4.69	3.63	3	17	109.6	0.90	95.6	4,547	6.6	1.8	7.8	5.7	4.3	6.1
5.784	86.4	2	3:29 PM	120.1	6057	35.08	21.81	14.66	9.37	7.14	4.83	3.73	3.1	16	109.6	0.90	85.1	4,762	7.0	2.2	8.5	5.8	4.4	6.9
5.784	86.4	3	3:29 PM	120.1	8087	45.61	29.2	19.72	12.57	9.58	6.53	4.91	3.9	22	109.6	0.90	83.2	4,804	7.1	2.2	8.7	5.9	4.4	7.0
5.784	86.4	4	3:29 PM	120.1	8614	47.76	30.84	21.06	13.53	10.19	6.93	5.3	4.3	23	109.6	0.90	81.9	4,843	7.1	2.3	8.8	5.9	4.4	7.1
5.875	86.1	1	3:30 PM	120.7	6255	38.48	24.91	16.05	9	6	3.47	2.86	2.4	17	110.0	0.86	86.0	5,169	7.7	1.9	8.2	5.9	4.4	6.8
5.875	86.1	2	3:30 PM	120.7	6331	36.01	24.08	16.03	9.21	6.17	3.57	2.89	2.4	17	110.0	0.86	80.2	5,324	8.0	2.1	8.7	6.0	4.5	7.3
5.875	86.1	3	3:30 PM	120.7	8285	46.96	31.75	21.26	12.27	8.22	4.82	3.87	3.3	22	110.0	0.86	80.2	5,281	7.9	2.1	8.7	6.0	4.5	7.3
5.875	86.1	4	3:30 PM	120.7	8789	49.58	33.61	22.6	13.09	8.72	5.03	4.03	3.4	23	110.0	0.86	79.7	5,294	7.9	2.1	8.7	6.0	4.5	7.3
5.964	86.5	1	3:31 PM	120.6	6112	31.93	22.5	16.13	10.15	7.35	4.35	3.1	2.4	16	110.0	0.88	76.3	4,920	7.3	2.5	9.4	6.0	4.5	7.7
5.964	86.5	2	3:31 PM	120.6	6222	29.91	21.67	15.9	10.21	7.43	4.41	3.13	2.4	16	110.0	0.88	70.8	5,106	7.6	2.7	10.0	6.0	4.5	8.3
5.964	86.5	3	3:31 PM	120.6	8164	38.75	28.36	20.87	13.54	9.85	5.88	4.17	3.2	21	110.0	0.88	70.1	5,101	7.6	2.7	10.1	6.0	4.5	8.3
5.964	86.5	4	3:31 PM	120.6	8644	42.02	30.69	22.62	14.69	10.72	6.41	4.54	3.5	23	110.0	0.89	70.2	5,084	7.5	2.7	10.1	6.0	4.5	8.3
6.063	86.3	1	3:32 PM	123.8	6156	39.54	25.47	16.48	10	6.89	3.99	2.91	2.2	18	112.4	0.86	90.2	4,672	6.8	2.0	8.1	5.8	4.3	6.5
6.063	86.3	2	3:32 PM	123.8	6090	36.03	24.06	16.21	10.06	7	4.1	2.94	2.3	17	112.4	0.87	84.1	4,763	7.0	2.2	8.6	5.9	4.4	7.0
6.063	86.3	3	3:32 PM	123.8	7988	45.53	30.98	21.26	13.32	9.35	5.47	3.93	3.1	22	112.4	0.87	81.4	4,815	7.1	2.3	8.9	5.9	4.4	7.2
6.063	86.3	4	3:32 PM	123.8	8647	48.1	33.01	22.87	14.46	10.19	5.97	4.31	3.3	24	112.4	0.87	79.7	4,847	7.1	2.4	9.1	5.9	4.4	7.3
6.169	85.8	1	3:33 PM	119.3	6079	48.66	33.33	21.85	12.68	9.06	5.81	4.58	3.8	23	109.1	0.92	117.5	3,618	5.1	1.6	6.9	5.4	4.1	5.0
6.169	85.8	2	3:33 PM	119.3	6211	43.25	31.24	21.64	13.15	9.5	6.01	4.6	3.8	22	109.1	0.92	103.3	3,793	5.4	2.0	7.7	5.5	4.2	5.7
6.169	85.8	3	3:33 PM	119.3	8153	54.95	40.56	28.44	17.52	12.64	8.06	6.2	5	29	109.1	0.92	100.5	3,815	5.4	2.1	7.9	5.6	4.2	5.8
6.169	85.8	4	3:33 PM	119.3	8669	57.69	42.83	30.21	18.69	13.51	8.64	6.63	5.3	31	109.1	0.92	99.4	3,823	5.4	2.1	8.0	5.6	4.2	5.9
6.262	85.1	1	3:34 PM	117.6	6046	50.57	34.19	22.18	12.56	8.21	4.74	3.67	3	25	107.8	0.90	120.4	3,724	5.3	1.4	6.7	5.4	4.1	4.9
6.262	85.1	2	3:34 PM	117.6	6123	44.61	31.89	21.86	13.15	8.61	4.95	3.76	3.1	24	107.8	0.90	106.1	3,898	5.5	1.8	7.4	5.5	4.2	5.5
6.262	85.1	3	3:34 PM	117.6	8065	56.96	41.91	29.07	17.28	11.46	6.57	5.06	4.2	31	107.8	0.90	103.2	3,930	5.6	1.9	7.6	5.6	4.2	5.7
6.262	85.1	4	3:34 PM	117.6	8592	59.54	44.24	30.91	18.42	12.29	7.05	5.5	4.5	33	107.8	0.91	101.4	3,948	5.6	2.0	7.7	5.6	4.2	5.8
6.362	85.2	1	3:35 PM	121.7	6167	46.5	29.96	19.15	10.63	7.32	4.94	4.09	3.3	20	110.9	0.89	108.2	4,197	6.0	1.6	7.1	5.6	4.2	5.4
6.362	85.2	2	3:35 PM	121.7	6112	40.9	27.87	18.64	10.85	7.56	5.19	3.99	3.3	19	110.9	0.90	97.5	4,345	6.3	1.9	7.7	5.7	4.3	6.0
6.362	85.2	3	3:35 PM	121.7	7857	52.75	36.78	24.84	14.68	10.07	6.63	5.4	4.4	25	110.9	0.90	97.8	4,256	6.1	1.9	7.8	5.7	4.3	6.0
6.362	85.2	4	3:35 PM	121.7	8383	56.11	39.52	26.76	15.92	11.04	7.3	5.93	4.9	27	110.9	0.90	97.8	4,199	6.0	1.9	7.8	5.6	4.3	6.0
6.439	85.4	1	3:36 PM	119.7	6134	45.1	28.57	19.31	10.98	7.18	3.61	2.3	2.2	20	109.4	0.87	102.5	4,279	6.2	1.7	7.4	5.6	4.2	5.7
6.439	85.4	2	3:36 PM	119.7	6145	40.51	26.56	18.45	11.07	7.39	3.96	2.43	2.4	19	109.4	0.87	93.6	4,442	6.4	2.0	8.0	5.7	4.3	6.2
6.439	85.4	3	3:36 PM	119.7	7802	52.21	33.99	23.83	14.3	9.54	4.85	2.86	2.7	25	109.4	0.87	94.5	4,372	6.3	2.0	8.0	5.7	4.3	6.2
6.439	85.4	4	3:36 PM	119.7	8592	57.18	36.96	26.27	15.93	10.56	5.45	3.56	3.3	28	109.4	0.87	94.3	4,371	6.3	2.0	8.0	5.7	4.3	6.2
6.543	85.4	1	3:37 PM	121.1	5947	67.5	44.26	26.34	16.16	11.87	6.73	4.76	3.8	29	110.5	0.93	166.1	2,631	3.6	1.0	5.4	4.9	3.8	3.5
6.543	85.4	2	3:37 PM	121.1	5980	61.37	41.81	26.44	16.48	12.01	6.87	4.85	3.8	29	110.5	0.93	151.1	2,747	3.7	1.3	5.9	5.0	3.9	3.9
6.543	85.4	3	3:37 PM	121.1	7615	76.7	53.77	34.89	21.93	15.87	9.01	6.23	4.9	37	110.5	0.94	149.0	2,713	3.7	1.4	6.0	5.0	3.9	3.9
6.543	85.4	4	3:37 PM	121.1	8175	81.43	58.02	38.23	24.13	17.42	9.85	6.96	5.5	40	110.5	0.94	147.7	2,692	3.7	1.4	6.1	5.0	3.9	4.0
6.642	85.2	1	3:38 PM	118.8	6189	33.33	22.74	16.33	10.61	7.7	4.63	3.35	2.7	17	108.8	0.89	79.3	4,762	7.0	2.4	9.2	5.9	4.4	7.4
6.642	85.2	2	3:38 PM	118.8	6244	30.39	21.78	16.12	10.74	7.88	4.75	3.43	2.7	17	108.8	0.89	72.5	4,913	7.2	2.7	9.9	6.0	4.5	8.1
6.642	85.2	3	3:38 PM	118.8	8252	39.46	28.67	21.31	14.25	10.51	6.35	4.58	3.7	22	108.8	0.90	71.5	4,917	7.3	2.7	10.0	6.0	4.5	8.2
6.642	85.2	4	3:38 PM	118.8	8789	41.68	30.49	22.73	15.25	11.22	6.8	4.87	3.9	23	108.8	0.90	71.0	4,925	7.3	2.8	10.1	6.0	4.5	8.2
6.733	84.9	1	3:39 PM	118.9	6419	24.46	18.01	13.72	9.51	7.3	4.63	3.25	2.6	13	108.9	0.89	57.9	5,727	8.7	3.2	11.6	6.3	4.7	10.1
6.733	84.9	2	3:39 PM	118.9	6342	22.97	17.26	13.32	9.33	7.2	4.63	3.21	2.6	13	108.9	0.89	55.5	5,825	8.9	3.3	12.0	6.3	4.7	10.5
6.733	84.9	3	3:39 PM	118.9	8076	30.38	23.1	17.94	12.7	9.89	6.39	4.45	3.5	17	108.9	0.90	57.9	5,459	8.2	3.3	11.9	6.3	4.7	10.1
6.733	84.9	4	3:39 PM	118.9	8636	32.39	24.65	19.17	13.62	10.57	6.81	4.79	3.7	18	108.9	0.90	57.7	5,465	8.2	3.3	11.9	6.3	4.7	10.1

6.839	84.6	1	3:40 PM	119.1	6189	20.06	14.91	11.1	7.36	5.52	3.71	2.85	2.4	11	109.1	0.87	49.3	7,102	11.2	3.2	12.4	6.6	4.9	11.9
6.839	84.6	2	3:40 PM	119.1	6288	18.98	14.34	10.77	7.25	5.53	3.74	2.87	2.4	11	109.1	0.87	46.3	7,347	11.7	3.4	13.0	6.6	5.0	12.6
6.839	84.6	3	3:40 PM	119.1	8339	25.02	19.2	14.54	9.85	7.54	5.07	3.87	3.2	14	109.1	0.87	46.2	7,226	11.5	3.4	13.1	6.6	5.0	12.7
6.839	84.6	4	3:40 PM	119.1	8800	26.2	20.21	15.35	10.41	8.01	5.36	4.07	3.3	15	109.1	0.87	45.9	7,210	11.4	3.5	13.2	6.6	5.0	12.8
6.926	84.9	1	3:41 PM	118.6	6167	28	21.31	16.6	11.83	9.22	5.82	4	3	17	108.7	0.92	69.8	4,485	6.5	3.1	10.7	6.0	4.5	8.4
6.926	84.9	2	3:41 PM	118.6	6244	26.61	20.65	16.37	11.82	9.27	5.89	4.05	3.1	16	108.7	0.92	66.0	4,582	6.7	3.2	11.2	6.0	4.5	8.9
6.926	84.9	3	3:41 PM	118.6	8197	35.14	27.51	21.85	15.78	12.3	7.76	5.33	4.1	21	108.7	0.92	66.3	4,538	6.6	3.2	11.2	6.0	4.5	8.8
6.926	84.9	4	3:41 PM	118.6	8745	37.35	29.42	23.43	16.89	13.15	8.28	5.72	4.5	23	108.7	0.92	66.1	4,535	6.6	3.2	11.2	6.0	4.5	8.8
7.023	85.2	1	3:41 PM	121.4	6112	32.6	22.72	16.37	10.31	7.74	4.98	3.62	2.8	17	110.8	0.89	78.8	4,731	6.9	2.5	9.3	5.9	4.4	7.4
7.023	85.2	2	3:41 PM	121.4	6178	30.16	21.7	15.99	10.27	7.84	5.04	3.64	2.8	17	110.8	0.89	72.8	4,890	7.2	2.7	9.9	6.0	4.5	8.0
7.023	85.2	3	3:41 PM	121.4	8153	38.8	28.33	21.07	13.73	10.46	6.75	5.05	4	22	110.8	0.90	71.2	4,903	7.2	2.8	10.1	6.0	4.5	8.2
7.023	85.2	4	3:41 PM	121.4	8745	41.29	30.29	22.57	14.83	11.3	7.31	5.48	4.3	23	110.8	0.90	70.8	4,895	7.2	2.8	10.2	6.0	4.5	8.3
7.107	86	1	3:42 PM	123.1	6178	27.59	19.77	14.24	9.01	6.49	3.97	2.92	2.3	14	112.1	0.86	64.8	5,681	8.6	2.8	10.4	6.2	4.6	9.0
7.107	86	2	3:42 PM	123.1	6167	26.22	19.07	13.96	8.97	6.49	4	2.96	2.3	14	112.1	0.87	62.1	5,788	8.8	2.9	10.8	6.2	4.7	9.4
7.107	86	3	3:42 PM	123.1	8153	34.44	25.23	18.52	12.01	8.65	5.34	3.94	3.2	18	112.1	0.87	61.9	5,774	8.8	2.9	10.8	6.2	4.7	9.5
7.107	86	4	3:42 PM	123.1	8745	36.82	27.04	19.93	12.96	9.35	5.77	4.26	3.4	20	112.1	0.87	61.7	5,754	8.7	2.9	10.9	6.2	4.7	9.5
7.198	86.1	1	3:43 PM	121.0	6035	37.94	22.28	14.8	9.26	6.88	4.44	3.3	2.7	16	110.6	0.88	90.6	4,673	6.8	2.0	8.1	5.8	4.3	6.5
7.198	86.1	2	3:43 PM	121.0	5991	35.19	21.54	14.8	9.39	7	4.54	3.37	2.7	16	110.6	0.89	85.4	4,756	7.0	2.2	8.5	5.8	4.4	6.8
7.198	86.1	3	3:43 PM	121.0	7966	45.17	28.76	19.89	12.63	9.4	6.04	4.46	3.6	21	110.6	0.89	82.7	4,804	7.1	2.3	8.8	5.9	4.4	7.1
7.198	86.1	4	3:43 PM	121.0	8647	48.51	31.33	21.68	13.79	10.24	6.59	4.84	3.9	22	110.6	0.89	81.9	4,816	7.1	2.3	8.8	5.9	4.4	7.1
7.289	86.2	1	3:44 PM	121.2	6079	40.34	27.84	18.54	11.21	8.02	5.21	3.84	3	18	110.7	0.90	96.9	4,211	6.1	2.0	7.9	5.7	4.3	6.0
7.289	86.2	2	3:44 PM	121.2	6024	37.19	26.35	18.17	11.26	8.12	5.26	3.89	3.1	18	110.7	0.90	90.9	4,293	6.2	2.2	8.3	5.7	4.3	6.4
7.289	86.2	3	3:44 PM	121.2	7988	48.08	34.78	24.02	15.07	10.91	6.97	5.3	4.3	24	110.7	0.90	88.8	4,306	6.2	2.3	8.5	5.7	4.3	6.6
7.289	86.2	4	3:44 PM	121.2	8658	51.69	37.88	26.1	16.43	11.9	7.63	5.79	4.6	26	110.7	0.90	88.2	4,304	6.2	2.3	8.6	5.7	4.3	6.6
7.386	86.1	1	3:45 PM	118.9	6046	40.56	28.74	19.14	12.14	9.09	5.99	4.35	3.5	20	109.1	0.92	100.1	3,891	5.5	2.0	7.9	5.6	4.2	5.8
7.386	86.1	2	3:45 PM	118.9	6002	36.51	26.99	18.72	12.15	9.11	6	4.39	3.5	19	109.1	0.92	91.5	4,026	5.8	2.3	8.5	5.7	4.3	6.4
7.386	86.1	3	3:45 PM	118.9	7966	47.95	35.83	25.07	16.33	12.24	8.01	5.87	4.6	25	109.1	0.92	90.7	4,012	5.7	2.3	8.6	5.7	4.3	6.5
7.386	86.1	4	3:45 PM	118.9	8625	51.76	38.81	27.29	17.81	13.33	8.7	6.33	5	27	109.1	0.92	90.5	4,002	5.7	2.4	8.6	5.7	4.3	6.5
7.482	85.8	1	3:46 PM	118.3	5838	59.14	41.6	29.48	18.85	13.51	7.89	5.69	4.5	31	108.6	0.95	152.5	2,548	3.5	1.4	6.0	5.0	3.6	3.8
7.482	85.8	2	3:46 PM	118.3	5936	54.69	39.59	28.89	19.09	13.89	8.2	5.85	4.6	30	108.6	0.95	139.7	2,629	3.6	1.7	6.5	5.1	3.9	4.2
7.482	85.8	3	3:46 PM	118.3	7703	69.72	51.28	37.79	25.09	18.28	10.8	7.75	6.1	39	108.6	0.96	137.6	2,624	3.6	1.8	6.6	5.1	3.9	4.3
7.482	85.8	4	3:46 PM	118.3	8427	75.42	55.86	41.34	27.5	19.97	11.8	8.46	6.6	42	108.6	0.96	136.1	2,637	3.6	1.8	6.6	5.1	3.9	4.3
7.578	85.8	1	3:47 PM	121.6	6540	34.47	25.64	19.67	13.91	10.65	6.4	4.4	3.3	19	111.1	0.91	79.6	4,043	5.8	2.8	9.8	5.8	4.4	7.3
7.578	85.8	2	3:47 PM	121.6	6408	32.44	24.32	18.92	13.55	10.48	6.37	4.37	3.3	19	111.1	0.92	76.9	4,079	5.8	2.9	10.1	5.8	4.4	7.6
7.578	85.8	3	3:47 PM	121.6	8252	43.33	32.8	25.55	18.32	14.1	8.5	5.78	4.3	25	111.1	0.92	79.8	3,912	5.6	2.9	9.9	5.8	4.4	7.3
7.578	85.8	4	3:47 PM	121.6	8691	46.19	35.19	27.09	19.59	15.04	8.98	6.43	4.7	27	111.1	0.92	80.7	3,863	5.5	2.9	9.8	5.7	4.3	7.2
7.670	86.1	1	3:48 PM	126.5	6441	69.69	32.35	13.01	8.81	7.64	5.21	4.16	3.4	16	114.8	0.88	150.2	3,502	4.9	0.8	5.5	5.2	3.9	3.9
7.670	86.1	2	3:48 PM	126.5	6430	59.75	29.26	13.87	8.99	7.72	5.36	4.02	3.4	15	114.8	0.88	130.5	3,763	5.3	1.1	6.1	5.4	4.1	4.5
7.670	86.1	3	3:48 PM	126.5	8318	70.98	36.03	18.41	12.1	10.33	7.18	5.31	4.5	20	114.8	0.89	121.0	3,860	5.5	1.3	6.5	5.4	4.1	4.8
7.670	86.1	4	3:48 PM	126.5	8778	71.89	37.28	19.66	12.95	10.99	7.66	5.8	4.8	21	114.8	0.89	116.6	3,923	5.6	1.4	6.7	5.5	4.1	5.0
7.766	86.7	1	3:49 PM	119.8	6529	36.24	28.08	22.14	15.88	12.35	7.67	5.37	4.1	23	109.8	0.94	85.5	3,577	5.0	2.8	9.5	5.6	4.3	6.8
7.766	86.7	2	3:49 PM	119.8	6441	34.65	27.06	21.45	15.66	12.26	7.75	5.46	4.1	22	109.8	0.94	83.3	3,587	5.0	2.9	9.8	5.7	4.3	7.0
7.766	86.7	3	3:49 PM	119.8	8142	45.8	35.9	28.48	20.83	16.22	10.2	7.15	5.4	29	109.8	0.94	87.2	3,428	4.8	2.9	9.5	5.6	4.3	6.7
7.766	86.7	4	3:49 PM	119.8	8537	48.41	38.12	30.2	22.09	17.13	11	7.59	5.7	31	109.8	0.94	88.0	3,402	4.8	2.9	9.4	5.6	4.2	6.6

7.876	86.8	1	3:50 PM	121.2	6255	57.78	41.83	25.94	13.79	9.7	6.21	4.64	3.7	26	110.9	0.92	134.4	3,313	4.6	1.3	6.2	5.2	4.0	4.4
7.876	86.8	2	3:50 PM	121.2	6331	53	38.58	25.4	14.3	10.26	6.48	4.7	3.8	26	110.9	0.92	122.9	3,387	4.7	1.6	6.8	5.3	4.0	4.8
7.876	86.8	3	3:50 PM	121.2	7999	66.89	50.01	33.08	18.88	13.48	8.44	6.19	4.8	34	110.9	0.92	123.2	3,316	4.6	1.6	6.8	5.3	4.0	4.7
7.876	86.8	4	3:50 PM	121.2	8482	71.17	55.15	35.48	20.41	14.61	9.21	6.67	5.2	36	110.9	0.93	124.0	3,271	4.5	1.6	6.8	5.3	4.0	4.7
7.962	86.6	1	3:51 PM	119.7	6101	47.59	30.6	22.2	14.59	10.93	6.7	4.79	3.6	22	109.8	0.93	116.3	3,299	4.6	1.9	7.2	5.3	4.1	5.0
7.962	86.6	2	3:51 PM	119.7	6024	45.11	29.83	22.11	14.72	11.15	6.88	4.9	3.7	22	109.8	0.93	112.4	3,289	4.6	2.0	7.5	5.4	4.1	5.2
7.962	86.6	3	3:51 PM	119.7	7901	59.17	39.72	29.57	19.8	14.89	9.22	6.58	5.1	29	109.8	0.94	112.7	3,253	4.5	2.0	7.5	5.4	4.1	5.2
7.962	86.6	4	3:51 PM	119.7	8537	63.7	42.96	32.08	21.47	16.07	9.92	7.03	5.4	32	109.8	0.93	112.2	3,260	4.5	2.0	7.5	5.4	4.1	5.2
8.054	85.9	1	3:52 PM	120.5	5849	49.88	34.56	21.72	13.05	9.34	5.98	4.55	3.6	21	110.4	0.92	125.2	3,386	4.7	1.5	6.6	5.3	4.0	4.7
8.054	85.9	2	3:52 PM	120.5	5860	45.98	32.78	21.44	13.21	9.49	6.06	4.58	3.6	21	110.4	0.92	115.9	3,487	4.9	1.7	7.1	5.4	4.1	5.0
8.054	85.9	3	3:52 PM	120.5	7835	61.38	44.51	29.34	18.05	13.03	8.23	6.09	4.8	28	110.4	0.92	116.0	3,438	4.8	1.8	7.1	5.4	4.1	5.0
8.054	85.9	4	3:52 PM	120.5	8394	65.89	48.02	31.93	19.63	14.08	8.85	6.63	5.2	31	110.4	0.92	116.2	3,418	4.8	1.8	7.1	5.4	4.1	5.0
8.144	85.9	1	3:53 PM	119.8	5838	58.26	36.9	24.14	14.32	10.34	6.64	4.97	4	24	109.9	0.93	147.2	2,978	4.1	1.2	5.9	5.1	3.9	4.0
8.144	85.9	2	3:53 PM	119.8	5914	51.7	34.19	23.24	14.19	10.44	6.77	5.03	3.7	23	109.9	0.93	130.0	3,169	4.4	1.5	6.5	5.2	4.0	4.5
8.144	85.9	3	3:53 PM	119.8	7824	67.7	46.18	31.61	19.11	14	9.03	6.69	5	31	109.9	0.93	128.8	3,159	4.4	1.6	6.6	5.2	4.0	4.5
8.144	85.9	4	3:53 PM	119.8	8394	72.58	50.31	34.72	21.11	15.24	9.79	7.27	5.7	34	109.9	0.93	128.9	3,134	4.3	1.6	6.6	5.2	4.0	4.5
8.243	86.2	1	3:54 PM	118.5	5805	54.31	36.18	23.94	13.97	9.74	6.04	4.55	3.9	22	109.0	0.93	137.5	3,159	4.4	1.3	6.2	5.2	4.0	4.3
8.243	86.2	2	3:54 PM	118.5	5838	51.04	35.19	23.88	14.23	10	6.23	4.69	4	22	109.0	0.93	129.3	3,222	4.5	1.5	6.5	5.3	4.0	4.5
8.243	86.2	3	3:54 PM	118.5	7769	68.59	48.11	32.73	19.5	13.6	8.33	6.15	5.1	30	109.0	0.93	130.6	3,169	4.4	1.5	6.5	5.2	4.0	4.5
8.243	86.2	4	3:54 PM	118.5	8482	74.96	53.34	36.09	21.54	14.98	9.13	6.76	5.6	33	109.0	0.93	130.8	3,152	4.4	1.5	6.5	5.2	4.0	4.5
8.339	86.5	1	3:55 PM	119.6	5969	63.82	39.93	26.48	15.13	9.97	5.63	4.02	3.2	29	109.8	0.91	154.0	2,972	4.1	1.1	5.6	5.1	3.9	3.8
8.339	86.5	2	3:55 PM	119.6	6068	56.29	37.54	26.18	15.53	10.37	5.83	4.14	3.2	27	109.8	0.92	134.8	3,140	4.3	1.4	6.3	5.2	4.0	4.3
8.339	86.5	3	3:55 PM	119.6	7868	72.93	49.78	35.02	20.7	13.69	7.65	5.47	4.3	37	109.8	0.92	134.9	3,111	4.3	1.4	6.3	5.2	4.0	4.3
8.339	86.5	4	3:55 PM	119.6	8471	78.43	54.2	38.32	22.55	14.85	8.32	5.92	4.5	40	109.8	0.92	134.9	3,100	4.3	1.5	6.3	5.2	4.0	4.3
8.439	86.7	1	3:56 PM	121.0	6551	43.01	24.58	14.41	9.71	7.69	5.04	3.77	2.9	15	110.9	0.89	94.7	4,508	6.6	1.9	7.9	5.7	4.3	6.2
8.439	86.7	2	3:56 PM	121.0	6496	39.9	23.42	14.04	9.61	7.6	5.06	3.8	3	14	110.9	0.89	89.2	4,657	6.8	2.0	8.2	5.8	4.4	6.6
8.439	86.7	3	3:56 PM	121.0	8339	50.33	30.78	18.99	13.02	10.24	6.72	5.03	3.9	19	110.9	0.89	88.1	4,571	6.7	2.1	8.4	5.8	4.4	6.6
8.439	86.7	4	3:56 PM	121.0	8756	52.38	32.45	20.07	13.81	10.84	7.03	5.31	4.1	20	110.9	0.89	87.4	4,567	6.7	2.2	8.5	5.8	4.4	6.7
8.531	88.8	1	3:57 PM	118.2	5816	54.81	36.22	24.53	14.67	10.34	6.15	4.54	3.6	25	108.8	0.93	138.7	3,051	4.2	1.4	6.2	5.2	3.9	4.2
8.531	88.8	2	3:57 PM	118.2	5925	50.37	34.53	24.23	14.89	10.6	6.31	4.61	3.9	24	108.8	0.93	125.9	3,184	4.4	1.7	6.7	5.3	4.0	4.6
8.531	88.8	3	3:57 PM	118.2	7736	66.17	46	32.54	20.02	14.13	8.44	6.26	5	32	108.8	0.93	127.0	3,138	4.3	1.7	6.7	5.2	4.0	4.6
8.531	88.8	4	3:57 PM	118.2	8438	72.22	50.57	35.92	22.06	15.5	9.25	6.87	5.5	35	108.8	0.93	127.1	3,127	4.3	1.7	6.7	5.2	4.0	4.6
8.624	89.2	1	3:58 PM	120.2	5936	63.24	42.37	28.22	16.84	11.87	6.97	5.07	4.2	29	110.3	0.93	157.0	2,707	3.7	1.2	5.7	5.0	3.8	3.7
8.624	89.2	2	3:58 PM	120.2	5969	56.46	39.52	27.45	16.89	12.08	7.1	5.18	4.3	27	110.3	0.94	140.5	2,835	3.9	1.5	6.3	5.1	3.9	4.2
8.624	89.2	3	3:58 PM	120.2	7813	73.53	52.53	37.02	22.9	16.26	9.58	7.01	5.8	37	110.3	0.94	140.3	2,795	3.8	1.5	6.3	5.1	3.9	4.2
8.624	89.2	4	3:58 PM	120.2	8526	79.81	57.51	40.82	25.26	17.96	10.6	7.7	6.4	40	110.3	0.94	139.8	2,782	3.8	1.6	6.3	5.1	3.9	4.2
8.718	88.7	1	3:59 PM	114.5	6002	50.39	32.83	20.11	11.48	7.53	5.01	4.01	3.2	22	106.1	0.91	122.4	3,871	5.5	1.3	6.5	5.4	4.1	4.8
8.718	88.7	2	3:59 PM	114.5	6057	46.16	31.46	20.17	11.84	7.89	5.15	4.05	3.2	21	106.1	0.91	112.0	3,978	5.7	1.6	7.0	5.5	4.2	5.2
8.718	88.7	3	3:59 PM	114.5	7977	61.13	42.78	27.24	16.03	10.63	6.84	5.44	4.3	29	106.1	0.92	112.6	3,920	5.6	1.6	7.0	5.5	4.1	5.2
8.718	88.7	4	3:59 PM	114.5	8625	66.02	46.71	29.74	17.26	11.54	7.61	5.86	4.6	31	106.1	0.92	112.8	3,914	5.6	1.6	7.0	5.5	4.1	5.2
8.809	89.2	1	4:00 PM	119.9	6298	44.65	33.41	24.41	16.38	12.2	7.39	5.36	4.5	24	110.1	0.94	107.0	3,263	4.5	2.2	7.9	5.4	4.1	5.5
8.809	89.2	2	4:00 PM	119.9	6266	42.52	32.07	23.65	16.19	12.24	7.63	5.32	4.5	24	110.1	0.94	103.2	3,295	4.6	2.3	8.1	5.4	4.1	5.7
8.809	89.2	3	4:00 PM	119.9	7922	56.1	42.14	31.23	21.37	16.05	9.84	6.94	5.8	31	110.1	0.94	107.6	3,170	4.4	2.3	7.9	5.4	4.1	5.4
8.809	89.2	4	4:00 PM	119.9	8416	60.64	45.81	34	23.25	17.47	10.8	7.54	6.1	34	110.1	0.94	109.7	3,101	4.3	2.2	7.8	5.3	4.1	5.3

8.904	87.6	1	4:01 PM	121.9	5958	65.19	40.35	24.89	14.34	9.87	5.68	4.13	3.4	30	111.6	0.91	156.7	2,951	4.1	1.0	5.6	5.1	3.9	3.7
8.904	87.6	2	4:01 PM	121.9	6057	62.71	40.58	25.63	14.99	10.37	5.91	4.21	3.4	30	111.6	0.91	149.1	2,979	4.1	1.2	5.8	5.1	3.9	3.9
8.904	87.6	3	4:01 PM	121.9	7835	80.41	53.26	33.67	19.67	13.53	7.71	5.52	3.8	39	111.6	0.91	148.0	2,978	4.1	1.2	5.9	5.1	3.9	4.0
8.904	87.6	4	4:01 PM	121.9	8339	85.56	57.33	36.2	21.15	14.59	8.31	5.89	4	42	111.6	0.91	148.2	2,959	4.1	1.2	5.9	5.1	3.9	3.9
9.005	87.1	1	4:02 PM	120.8	5827	62.11	42.32	27.65	15.23	9.94	6.07	4.57	3.7	27	110.8	0.92	154.8	2,944	4.0	1.1	5.6	5.1	3.9	3.8
9.005	87.1	2	4:02 PM	120.8	5958	56.19	40.32	27.68	16.08	10.86	6.56	4.82	3.8	26	110.8	0.93	138.7	3,009	4.1	1.4	6.2	5.2	3.9	4.2
9.005	87.1	3	4:02 PM	120.8	7758	71.44	52.54	36.11	21.07	14.45	8.79	6.45	5	34	110.8	0.93	136.0	3,005	4.1	1.5	6.4	5.2	4.0	4.3
9.005	87.1	4	4:02 PM	120.8	8515	77.34	57.14	39.93	23.33	15.86	9.75	7.2	5.7	38	110.8	0.93	134.5	3,024	4.2	1.5	6.4	5.2	4.0	4.4
9.096	86	1	4:03 PM	115.5	6090	51.09	35.78	24.13	15.04	11.04	6.83	4.95	3.8	25	106.9	0.94	125.6	3,178	4.4	1.7	6.8	5.3	4.0	4.7
9.096	86	2	4:03 PM	115.5	5903	47.66	34.07	23.59	14.88	11.04	6.93	5	3.9	24	106.9	0.94	121.7	3,172	4.4	1.8	7.0	5.3	4.0	4.8
9.096	86	3	4:03 PM	115.5	7604	63.17	46.65	31.8	20.13	14.81	9.16	6.67	5.1	32	106.9	0.94	125.4	3,060	4.2	1.8	6.9	5.2	4.0	4.7
9.096	86	4	4:03 PM	115.5	8339	69.77	52.09	35.2	22.33	16.36	10.1	7.39	5.7	36	106.9	0.95	126.3	3,039	4.2	1.8	6.8	5.2	4.0	4.6
9.189	84.9	1	4:04 PM	111.4	5914	48.14	32.66	20.79	11.99	8.04	4.85	3.79	3.2	23	103.9	0.92	119.6	3,770	5.3	1.4	6.7	5.4	4.1	4.9
9.189	84.9	2	4:04 PM	111.4	5969	44.42	31.78	20.98	12.47	8.42	5.06	3.93	3.2	22	103.9	0.92	110.3	3,854	5.5	1.7	7.2	5.5	4.2	5.3
9.189	84.9	3	4:04 PM	111.4	7944	59.57	44.62	28.72	17.08	11.38	6.84	5.19	4.3	30	103.9	0.92	111.2	3,809	5.4	1.7	7.1	5.5	4.1	5.3
9.189	84.9	4	4:04 PM	111.4	8614	64.89	49.33	31.67	18.8	12.48	7.54	5.69	4.7	33	103.9	0.92	111.9	3,777	5.4	1.7	7.1	5.5	4.1	5.2
9.276	84.8	1	4:05 PM	114.4	5805	57.5	38.39	26.04	15.61	11.01	6.8	5.17	4.1	26	106.1	0.94	147.9	2,880	3.9	1.3	5.9	5.1	3.9	4.0
9.276	84.8	2	4:05 PM	114.4	5838	53.94	37.56	26.16	16.05	11.4	7.04	5.28	4.2	26	106.1	0.95	138.9	2,922	4.0	1.5	6.3	5.1	3.9	4.2
9.276	84.8	3	4:05 PM	114.4	7670	70.23	50.19	34.73	21.45	15.01	9.4	6.96	5.7	35	106.1	0.95	137.9	2,930	4.0	1.5	6.3	5.1	3.9	4.2
9.276	84.8	4	4:05 PM	114.4	8405	76.67	54.85	38.33	23.83	16.78	10.3	7.76	6.1	39	106.1	0.95	137.4	2,901	4.0	1.5	6.4	5.1	3.9	4.3
9.377	85.4	1	4:06 PM	113.7	6650	28.48	21.42	16.7	12.2	9.7	6.74	5.07	4	17	105.6	0.93	67.4	4,638	6.8	3.1	10.9	6.0	4.5	8.7
9.377	85.4	2	4:06 PM	113.7	6661	27.39	21.02	16.57	12.2	9.83	6.84	5.18	4.1	17	105.6	0.93	65.0	4,640	6.8	3.2	11.3	6.0	4.5	9.0
9.377	85.4	3	4:06 PM	113.7	8394	36.25	27.82	21.93	16.26	12.92	8.99	6.77	5.3	22	105.6	0.94	68.2	4,443	6.4	3.2	11.0	6.0	4.5	8.6
9.377	85.4	4	4:06 PM	113.7	8734	38.04	29.26	23.08	17.08	13.64	9.46	7.14	5.6	24	105.6	0.94	68.8	4,385	6.3	3.2	10.9	6.0	4.5	8.5
9.475	84.7	1	4:07 PM	115.2	6617	32.33	23.33	17.83	12.03	9.02	5.47	3.88	3	19	106.8	0.91	74.0	4,671	6.8	2.7	9.9	5.9	4.5	7.9
9.475	84.7	2	4:07 PM	115.2	6661	31.23	22.91	17.74	12.06	9.13	5.54	3.99	3.1	18	106.8	0.91	71.3	4,720	6.9	2.9	10.2	6.0	4.5	8.2
9.475	84.7	3	4:07 PM	115.2	8361	42.03	30.81	23.87	16.32	12.27	7.48	5.3	4	25	106.8	0.92	76.5	4,406	6.4	2.8	9.8	5.9	4.4	7.6
9.475	84.7	4	4:07 PM	115.2	8734	44.26	32.81	25.35	17.42	13.02	7.97	5.6	4.2	26	106.8	0.92	77.3	4,349	6.3	2.8	9.8	5.9	4.4	7.6
9.566	84.3	1	4:08 PM	107.8	6112	63.25	45.61	28.7	13.9	9.38	5.37	4.44	2.9	24	101.3	0.93	152.4	3,153	4.4	1.0	5.6	5.1	3.9	3.8
9.566	84.3	2	4:08 PM	107.8	6057	57.39	42.37	27.76	14.22	9.69	5.61	4.38	3	24	101.3	0.94	140.7	3,220	4.5	1.2	6.0	5.2	4.0	4.2
9.566	84.3	3	4:08 PM	107.8	7692	75.14	64.05	35.93	19.79	12.65	7.6	5.95	4.7	33	101.3	0.94	145.6	3,128	4.3	1.1	5.9	5.1	3.9	4.0
9.566	84.3	4	4:08 PM	107.8	8274	81.32	65.59	40.78	21.79	14.01	8.43	6.6	5.4	38	101.3	0.94	146.8	3,072	4.2	1.2	5.8	5.1	3.9	4.0
9.664	84.4	1	4:09 PM	113.0	5849	56.47	38.02	24.1	13.44	9.23	5.61	4.37	3.5	25	105.2	0.93	142.0	3,214	4.5	1.2	6.0	5.2	3.9	4.1
9.664	84.4	2	4:09 PM	113.0	5925	50.02	35.29	23.63	13.75	9.6	5.82	4.47	3.5	24	105.2	0.93	125.3	3,375	4.7	1.5	6.6	5.3	4.0	4.7
9.664	84.4	3	4:09 PM	113.0	7824	65.15	47.54	31.78	18.8	12.96	7.72	6.12	4.8	32	105.2	0.93	123.8	3,354	4.7	1.6	6.7	5.3	4.0	4.7
9.664	84.4	4	4:09 PM	113.0	8405	69.59	52.09	34.45	20.33	14.08	8.43	6.52	5.2	35	105.2	0.93	123.3	3,342	4.7	1.6	6.8	5.3	4.0	4.7
9.753	83.7	1	4:11 PM	110.6	6167	44.41	29.31	20.09	12.65	9.41	5.84	4.21	3.3	21	103.4	0.93	108.2	3,744	5.3	1.8	7.4	5.5	4.2	5.4
9.753	83.7	2	4:11 PM	110.6	6244	41.4	28.53	20.11	12.82	9.56	5.93	4.26	3.4	20	103.4	0.93	100.3	3,869	5.5	2.1	7.9	5.6	4.2	5.8
9.753	83.7	3	4:11 PM	110.6	8153	54.17	37.89	26.83	17.12	12.71	7.89	5.66	4.4	27	103.4	0.93	100.6	3,825	5.4	2.1	7.9	5.6	4.2	5.8
9.753	83.7	4	4:11 PM	110.6	8702	57.79	40.86	28.98	18.42	13.66	8.47	6.06	4.9	29	103.4	0.93	100.6	3,810	5.4	2.1	7.9	5.6	4.2	5.8
9.852	83.3	1	4:12 PM	112.8	5892	52.85	38.45	27.04	17.3	13.31	8.79	6.31	4.9	27	105.1	0.97	137.9	2,715	3.7	1.7	6.5	5.1	3.9	4.2
9.852	83.3	2	4:12 PM	112.8	5936	48.23	36.24	26.64	17.71	13.72	8.98	6.42	5	26	105.1	0.97	125.8	2,774	3.8	2.0	7.1	5.2	4.0	4.7
9.852	83.3	3	4:12 PM	112.8	7901	64.45	48.9	36.28	24.15	18.59	12.1	8.57	6.6	36	105.1	0.97	126.4	2,737	3.7	2.0	7.1	5.2	4.0	4.6
9.852	83.3	4	4:12 PM	112.8	8526	69.47	53.06	39.54	26.36	20.3	13.2	9.33	7.2	39	105.1	0.97	126.4	2,717	3.7	2.0	7.1	5.1	4.0	4.6

9.943	83.6	1	4:13 PM	113.6	6233	44.98	29.5	21.25	14.35	10.66	6.59	4.81	3.9	22	105.7	0.94	108.8	3,500	4.9	2.0	7.5	5.4	4.1	5.4
9.943	83.6	2	4:13 PM	113.6	6123	41.49	28.02	20.63	14.18	10.65	6.7	4.87	3.8	21	105.7	0.94	103.0	3,551	5.0	2.2	7.9	5.5	4.2	5.7
9.943	83.6	3	4:13 PM	113.6	7846	55.41	37.98	28.02	19.3	14.32	8.81	6.49	5.1	28	105.7	0.94	107.3	3,393	4.7	2.1	7.7	5.4	4.1	5.5
9.943	83.6	4	4:13 PM	113.6	8394	59.68	41.56	30.55	20.91	15.55	9.6	7.05	5.5	31	105.7	0.94	108.1	3,353	4.7	2.1	7.7	5.4	4.1	5.4
10.042	83.7	1	4:14 PM	111.5	6156	45.22	29.29	19.52	11.71	8.14	4.86	3.7	2.9	21	104.1	0.91	108.2	4,015	5.7	1.7	7.2	5.5	4.2	5.4
10.042	83.7	2	4:14 PM	111.5	6298	41.47	28.28	19.54	12.08	8.47	5.04	3.8	3	20	104.1	0.92	97.8	4,180	6.0	2.0	7.8	5.6	4.3	6.0
10.042	83.7	3	4:14 PM	111.5	8186	54.22	37.52	26.11	16.15	11.31	6.78	5.12	4.1	27	104.1	0.92	98.7	4,107	5.9	2.0	7.8	5.6	4.2	5.9
10.042	83.7	4	4:14 PM	111.5	8778	57.97	40.44	28.21	17.43	12.19	7.28	5.52	4.4	29	104.1	0.92	98.4	4,100	5.9	2.0	7.9	5.6	4.2	5.9
10.134	84.7	1	4:15 PM	114.5	5871	56.56	35.8	22.8	14.04	9.74	5.85	4.36	3.7	24	106.4	0.93	141.7	3,134	4.3	1.2	6.0	5.2	3.9	4.1
10.134	84.7	2	4:15 PM	114.5	5925	51.15	34.14	22.45	14.19	9.95	5.97	4.45	3.7	23	106.4	0.93	127.9	3,276	4.6	1.5	6.6	5.3	4.0	4.6
10.134	84.7	3	4:15 PM	114.5	7879	68.07	46.3	30.82	19.52	13.56	8.07	6.03	4.9	32	106.4	0.93	128.2	3,230	4.5	1.5	6.6	5.3	4.0	4.6
10.134	84.7	4	4:15 PM	114.5	8482	72.55	50.19	33.43	21.19	14.73	8.7	6.51	5.4	35	106.4	0.93	127.0	3,229	4.5	1.6	6.6	5.3	4.0	4.6
10.232	84.6	1	4:16 PM	114.3	6288	42.46	27.6	18.78	11.92	8.56	5.06	3.61	2.8	21	106.3	0.91	99.4	4,106	5.9	1.9	7.8	5.6	4.2	5.9
10.232	84.6	2	4:16 PM	114.3	6244	38.97	26.08	18.34	11.84	8.61	5.12	3.67	2.9	19	106.3	0.91	92.6	4,217	6.1	2.1	8.3	5.7	4.3	6.3
10.232	84.6	3	4:16 PM	114.3	7933	51.26	34.79	24.72	16.02	11.69	6.93	4.64	3.9	26	106.3	0.92	96.2	3,999	5.7	2.1	8.1	5.6	4.2	6.1
10.232	84.6	4	4:16 PM	114.3	8526	55.53	37.92	27	17.53	12.69	7.47	5.4	4.1	28	106.3	0.92	97.0	3,963	5.7	2.1	8.1	5.6	4.2	6.0
10.330	85.6	1	4:17 PM	117.1	5936	63.5	38.15	24.07	13.44	8.33	4.17	3.22	2.8	25	108.4	0.89	149.8	3,244	4.5	0.9	5.6	5.1	3.9	3.9
10.330	85.6	2	4:17 PM	117.1	6024	57.82	36.74	24	13.66	8.56	4.37	3.36	2.9	25	108.4	0.89	135.6	3,402	4.8	1.2	6.1	5.3	4.0	4.3
10.330	85.6	3	4:17 PM	117.1	7868	74.56	49.34	32.7	18.5	11.43	6	4.61	3.5	34	108.4	0.90	134.7	3,385	4.7	1.2	6.2	5.3	4.0	4.3
10.330	85.6	4	4:17 PM	117.1	8504	79.82	53.93	36.11	20.44	12.57	6.5	5.02	3.9	37	108.4	0.90	133.5	3,371	4.7	1.3	6.2	5.3	4.0	4.4
10.426	85.1	1	4:18 PM	116.1	5882	57.45	37.78	25.2	15.17	10.07	5.36	3.87	3.2	26	107.7	0.92	141.7	3,063	4.2	1.3	6.1	5.1	3.9	4.1
10.426	85.1	2	4:18 PM	116.1	5958	53.09	37.09	25.63	15.43	10.43	5.56	3.98	3.4	26	107.7	0.92	130.2	3,157	4.4	1.5	6.5	5.2	4.0	4.5
10.426	85.1	3	4:18 PM	116.1	7747	69.73	49.61	34.82	20.82	14.1	7.5	5.55	4.1	35	107.7	0.92	132.0	3,075	4.2	1.6	6.5	5.2	4.0	4.4
10.426	85.1	4	4:18 PM	116.1	8405	75.33	54.68	38.53	23.13	15.54	8.22	6.03	4.8	39	107.7	0.92	131.6	3,054	4.2	1.6	6.5	5.2	4.0	4.4
10.511	86	1	4:19 PM	114.9	6079	50.81	31.58	21.02	12.58	8.59	5.02	3.78	3.1	23	106.8	0.91	121.4	3,648	5.1	1.5	6.7	5.4	4.1	4.8
10.511	86	2	4:19 PM	114.9	6145	46.41	30.33	20.87	12.8	8.81	5.14	3.82	3.1	22	106.8	0.91	110.6	3,795	5.4	1.7	7.2	5.5	4.1	5.3
10.511	86	3	4:19 PM	114.9	7999	59.83	40.04	27.84	17.04	11.69	6.85	5.19	4.1	29	106.8	0.91	109.8	3,772	5.3	1.8	7.3	5.5	4.2	5.3
10.511	86	4	4:19 PM	114.9	8713	64.59	43.9	30.56	18.74	12.87	7.5	5.64	4.6	32	106.8	0.91	109.0	3,764	5.3	1.8	7.3	5.5	4.2	5.4
10.607	86	1	4:20 PM	113.2	6057	49.24	31.59	20.8	12.01	8.19	4.69	3.57	2.9	22	105.5	0.91	118.1	3,783	5.4	1.5	6.7	5.4	4.1	5.0
10.607	86	2	4:20 PM	113.2	6167	46.37	31.1	21.15	12.48	8.61	4.91	3.7	3	22	105.5	0.91	110.1	3,857	5.5	1.7	7.2	5.5	4.2	5.3
10.607	86	3	4:20 PM	113.2	8087	60.3	41.04	28.17	16.69	11.46	6.54	4.96	4	29	105.5	0.91	109.4	3,841	5.5	1.7	7.2	5.5	4.2	5.3
10.607	86	4	4:20 PM	113.2	8647	64.44	44.16	30.35	18	12.34	7.07	5.35	4.3	31	105.5	0.91	109.4	3,827	5.4	1.7	7.2	5.5	4.2	5.3
10.703	86.1	1	4:21 PM	115.4	6211	39.59	22.7	13.6	7.74	5.52	3.49	2.61	2.1	14	107.2	0.87	90.3	5,280	7.9	1.7	7.7	5.9	4.4	6.5
10.703	86.1	2	4:21 PM	115.4	6156	35.7	20.85	12.79	7.43	5.35	3.41	2.56	2	13	107.2	0.87	82.7	5,596	8.4	1.9	8.2	6.0	4.5	7.1
10.703	86.1	3	4:21 PM	115.4	8285	45.48	27.28	16.95	10.04	7.28	4.66	3.5	2.7	17	107.2	0.87	78.8	5,715	8.7	2.0	8.5	6.0	4.5	7.4
10.703	86.1	4	4:21 PM	115.4	8702	46.61	28.26	17.67	10.51	7.69	4.92	3.66	3	18	107.2	0.87	77.1	5,766	8.7	2.1	8.7	6.0	4.5	7.6
10.808	84.6	1	4:22 PM	111.2	5925	37.67	25:11	17.46	11.05	7.79	4.68	3.89	2.6	19	104.1	0.91	94.6	4,300	6.2	2.0	8.0	5.7	4.3	6.2
10.808	84.6	2	4:22 PM	111.2	5991	33.88	23.51	17.03	10.99	7.87	4.78	3.45	2.7	18	104.1	0.92	85.0	4,521	6.6	2.3	8.7	5.8	4.4	6.9
10.808	84.6	3	4:22 PM	111.2	7955	45.36	31.82	23.2	15.07	10.74	6.54	4.64	3.6	24	104.1	0.92	85.9	4,433	6.4	2.3	8.7	5.8	4.4	6.8
10.808	84.6	4	4:22 PM	111.2	8548	48.46	34.3	25.15	16.36	11.69	7.09	5.15	4	26	104.1	0.92	85.5	4,409	6.4	2.3	8.8	5.8	4.4	6.8
10.896	85.6	1	4:23 PM	110.5	6090	43.72	27.94	18.31	10.71	7.06	4.03	3.1	2.6	19	103.5	0.90	104.4	4,350	6.3	1.6	7.2	5.6	4.2	5.6
10.896	85.6	2	4:23 PM	110.5	6123	40.78	26.98	18.14	10.78	7.16	4.12	3.15	2.6	19	103.5	0.90	97.5	4,468	6.5	1.8	7.6	5.7	4.3	6.0
10.896	85.6	3	4:23 PM	110.5	8098	53.34	36.69	24.41	14.57	9.64	5.55	4.28	3.6	25	103.5	0.90	96.7	4,468	6.5	1.8	7.7	5.7	4.3	6.1
10.896	85.6	4	4:23 PM	110.5	8647	56.85	39.43	26.36	15.61	10.42	6.06	4.48	3.9	27	103.5	0.91	96.7	4,443	6.4	1.8	7.7	5.7	4.3	6.0

10.987	85.6	1	4:24 PM	111.5	5925	32.12	22.2	15.03	9.43	7.02	4.77	3.68	2.9	15	104.3	0.92	81.8	4,886	7.2	2.2	8.8	5.9	4.4	7.2
10.987	85.6	2	4:24 PM	111.5	5991	29.56	21.23	14.93	9.69	7.26	4.87	3.74	3	14	104.3	0.92	75.2	5,011	7.4	2.5	9.5	6.0	4.5	7.8
10.987	85.6	3	4:24 PM	111.5	7999	38.73	28.28	20.09	13.13	9.86	6.65	5.15	4.2	19	104.3	0.92	74.1	4,996	7.4	2.6	9.6	6.0	4.5	7.9
10.987	85.6	4	4:24 PM	111.5	8724	41.78	30.6	21.87	14.34	10.75	7.23	5.6	4.5	21	104.3	0.92	73.3	5,017	7.4	2.6	9.7	6.0	4.5	8.0
11.081	86.1	1	4:25 PM	110.4	5991	37.37	25.26	17.21	11.33	8.47	5.11	3.76	3	18	103.5	0.92	93.8	4,158	6.0	2.1	8.2	5.7	4.3	6.2
11.081	86.1	2	4:25 PM	110.4	6090	35.73	24.64	17.3	11.52	8.68	5.39	3.83	2.8	18	103.5	0.93	89.0	4,242	6.1	2.3	8.6	5.7	4.3	6.6
11.081	86.1	3	4:25 PM	110.4	7966	46.45	32.44	23.13	15.56	11.63	7.13	5.2	4	24	103.5	0.93	88.6	4,191	6.0	2.3	8.6	5.7	4.3	6.6
11.081	86.1	4	4:25 PM	110.4	8669	50.07	35.06	25.19	16.94	12.66	7.78	5.72	4.5	26	103.5	0.93	87.8	4,205	6.1	2.4	8.7	5.7	4.3	6.7
11.173	86.8	1	4:25 PM	104.2	6309	20.88	16.05	12.67	8.81	6.91	4.25	3.11	2.4	13	98.9	0.92	53.1	6,131	9.4	3.3	12.3	6.4	4.8	11.0
11.173	86.8	2	4:25 PM	104.2	6397	19.98	15.54	12.41	8.76	6.94	4.46	3.15	2.4	12	98.9	0.92	50.7	6,266	9.7	3.4	12.7	6.5	4.8	11.5
11.173	86.8	3	4:25 PM	104.2	8405	26.63	20.79	16.65	11.78	9.34	6.01	4.26	3.3	17	98.9	0.93	51.4	6,131	9.4	3.4	12.7	6.4	4.8	11.4
11.173	86.8	4	4:25 PM	104.2	8932	28.27	22.11	17.76	12.61	10	6.44	4.56	3.5	18	98.9	0.93	51.4	6,097	9.3	3.5	12.7	6.4	4.8	11.4
11.275	86	1	4:27 PM	107.7	5914	38.22	26.33	19.22	12.97	9.75	6.11	4.41	3.4	20	101.5	0.94	99.1	3,738	5.3	2.2	8.1	5.6	4.2	5.9
11.275	86	2	4:27 PM	107.7	6002	35.22	25.34	18.9	12.98	9.85	6.2	4.5	3.5	19	101.5	0.94	90.7	3,883	5.5	2.4	8.7	5.7	4.3	6.4
11.275	86	3	4:27 PM	107.7	7966	47.07	34.02	25.67	17.55	13.44	8.69	5.7	4.5	26	101.5	0.95	91.7	3,804	5.4	2.4	8.7	5.6	4.3	6.4
11.275	86	4	4:27 PM	107.7	8504	50.38	36.72	27.81	19.17	14.66	9.32	6.43	5.1	28	101.5	0.95	91.9	3,747	5.3	2.5	8.7	5.6	4.3	6.4
11.373	85.6	1	4:28 PM	108.7	6156	36.13	25.21	18.99	12.78	9.31	5.35	3.72	2.9	18	102.3	0.93	89.2	4,090	5.9	2.4	8.7	5.7	4.3	6.6
11.373	85.6	2	4:28 PM	108.7	6222	33.61	24.04	18.36	12.57	9.22	5.41	3.77	3	17	102.3	0.93	82.7	4,271	6.2	2.5	9.2	5.8	4.4	7.1
11.373	85.6	3	4:28 PM	108.7	8142	44.84	32.09	24.59	16.88	12.43	7.24	5.06	4	24	102.3	0.93	84.3	4,161	6.0	2.5	9.1	5.8	4.3	6.9
11.373	85.6	4	4:28 PM	108.7	8811	48.3	34.85	26.78	18.39	13.57	7.92	5.55	4.4	26	102.3	0.93	84.1	4,145	6.0	2.6	9.2	5.8	4.3	7.0
11.463	85.8	1	4:28 PM	107.7	5991	47	33.44	23.15	13.43	9.09	5.24	3.6	3.1	23	101.5	0.93	117.1	3,616	5.1	1.6	6.9	5.4	4.1	5.0
11.463	85.8	2	4:28 PM	107.7	5936	41.75	30.52	21.7	13.19	9.14	5.36	3.72	3.1	22	101.5	0.93	106.1	3,763	5.3	1.9	7.5	5.5	4.2	5.5
11.463	85.8	3	4:28 PM	107.7	7890	56.22	41.44	29.51	18.21	12.28	6.89	5.07	4.8	30	101.5	0.93	107.1	3,718	5.3	1.9	7.5	5.5	4.2	5.5
11.463	85.8	4	4:28 PM	107.7	8559	60.85	45.46	32.39	19.96	13.44	7.61	5.57	4.9	33	101.5	0.93	107.0	3,703	5.2	1.9	7.5	5.5	4.2	5.5
11.560	86	1	4:29 PM	108.7	5980	47.21	27.44	17.54	10.21	7.06	3.98	3.01	2.5	20	102.3	0.91	114.8	4,115	5.9	1.4	6.7	5.5	4.2	5.1
11.560	86	2	4:29 PM	108.7	6079	42.74	26.1	17.37	10.5	7.31	4.11	3.09	2.6	19	102.3	0.91	103.1	4,311	6.2	1.7	7.3	5.6	4.2	5.7
11.560	86	3	4:29 PM	108.7	8054	56.26	35.28	23.91	14.45	10.02	5.64	4.27	3.5	26	102.3	0.91	102.8	4,246	6.1	1.7	7.4	5.6	4.2	5.7
11.560	86	4	4:29 PM	108.7	8734	60.31	38.33	26.15	15.85	10.97	6.15	4.62	3.8	28	102.3	0.91	101.8	4,248	6.1	1.8	7.5	5.6	4.2	5.7
11.666	85.8	1	4:30 PM	109.0	6211	27.63	21.66	15.85	10.61	7.8	5.04	3.79	3	16	102.5	0.92	68.9	5,091	7.6	2.8	10.3	6.1	4.5	8.5
11.666	85.8	2	4:30 PM	109.0	6200	25.61	20.34	15.22	10.4	7.74	5.04	3.84	3.1	15	102.5	0.92	64.6	5,238	7.8	3.0	10.8	6.1	4.6	9.1
11.666	85.8	3	4:30 PM	109.0	8197	34.57	27.23	20.47	13.99	10.4	6.77	5.14	4.1	20	102.5	0.92	65.8	5,146	7.7	2.9	10.7	6.1	4.6	8.9
11.666	85.8	4	4:30 PM	109.0	8778	36.85	29.04	21.9	14.98	11.17	7.26	5.46	4.3	21	102.5	0.92	65.6	5,144	7.6	3.0	10.7	6.1	4.6	8.9
11.742	85.5	1	4:31 PM	110.7	6496	19.75	16.84	14.96	12.47	10.18	5.97	4.27	3.3	14	103.8	0.93	49.8	4,430	6.4	4.4	15.1	6.2	4.7	11.8
11.742	85.5	2	4:31 PM	110.7	6573	19.28	16.44	14.55	12.08	9.93	6.03	4.29	3.3	13	103.8	0.93	48.3	4,596	6.7	4.4	15.3	6.3	4.7	12.1
11.742	85.5	3	4:31 PM	110.7	8603	25.38	21.7	19.22	15.99	13.12	7.93	5.65	4.3	18	103.8	0.93	48.5	4,550	6.6	4.4	15.3	6.3	4.7	12.1
11.742	85.5	4	4:31 PM	110.7	8976	26.33	22.6	20.02	16.63	13.69	8.3	5.89	4.5	19	103.8	0.93	48.3	4,544	6.6	4.4	15.4	6.3	4.7	12.1
11.840	85	1	4:32 PM	108.1	6167	36.42	22.89	15.13	8.56	5.98	3.72	2.82	2.3	16	101.9	0.90	87.1	5,243	7.8	1.8	9.0	5.9	4.4	6.7
11.840	85	2	4:32 PM	108.1	6167	33.38	21.52	14.59	8.52	6.01	3.78	2.86	2.3	16	101.9	0.90	80.5	5,448	8.2	2.0	8.5	6.0	4.5	7.3
11.840	85	3	4:32 PM	108.1	8175	43.19	28.42	19.47	11.52	8.11	5.08	3.84	3.1	21	101.9	0.90	78.9	5,457	8.2	2.1	8.7	6.0	4.5	7.4
11.840	85	4	4:32 PM	108.1	8745	45.83	30.42	20.84	12.37	8.74	5.48	4.14	3.4	22	101.9	0.90	78.3	5,455	8.2	2.1	8.8	6.0	4.5	7.5
11.942	84.1	1	4:33 PM	109.7	5892	38.87	27.14	18.6	11.02	7.63	4.51	3.33	2.6	19	103.1	0.92	98.0	4,266	6.2	1.9	7.8	5.7	4.3	6.0
11.942	84.1	2	4:33 PM	109.7	5991	37.58	26.64	18.79	11.41	7.95	4.67	3.41	2.7	19	103.1	0.92	93.7	4,302	6.2	2.0	8.1	5.7	4.3	6.2
11.942	84.1	3	4:33 PM	109.7	7988	49.76	35.6	25.35	15.53	10.82	6.35	4.6	3.6	25	103.1	0.92	93.2	4,265	6.1	2.1	8.2	5.7	4.3	6.3
11.942	84.1	4	4:33 PM	109.7	8669	53.84	38.57	27.67	17	11.82	7.17	5.09	3.8	27	103.1	0.92	93.3	4,254	6.1	2.1	8.2	5.7	4.3	6.3

12.029	83.9	1	4:34 PM	105.5	6057	43.89	31.49	23.07	15	10.9	5.91	3.98	3.1	22	100.0	0.94	110.2	3,389	4.7	2.0	7.5	5.4	4.1	5.3
12.029	83.9	2	4:34 PM	105.5	6123	40.17	29.55	22.15	14.63	10.71	5.96	4.01	3.1	21	100.0	0.94	100.5	3,582	5.0	2.2	8.1	5.5	4.2	5.8
12.029	83.9	3	4:34 PM	105.5	8065	53.78	39.86	29.96	20.1	14.79	8.2	5.57	4.3	29	100.0	0.95	102.4	3,455	4.8	2.2	8.0	5.5	4.2	5.7
12.029	83.9	4	4:34 PM	105.5	8625	57.39	42.79	32.26	21.72	15.97	8.88	6	4.7	31	100.0	0.95	102.3	3,436	4.8	2.3	8.1	5.5	4.2	5.7
12.133	83.5	1	4:35 PM	106.9	6101	30.08	19.72	14.25	9.32	6.97	4.53	3.39	2.7	14	101.0	0.92	75.5	5,192	7.7	2.4	9.3	6.0	4.5	7.8
12.133	83.5	2	4:35 PM	106.9	6167	27.98	18.62	13.76	9.22	6.99	4.57	3.39	2.7	14	101.0	0.92	70.0	5,393	8.1	2.6	9.9	6.1	4.6	8.4
12.133	83.5	3	4:35 PM	106.9	8186	37.02	25.04	18.63	12.59	9.54	6.22	4.61	3.7	19	101.0	0.92	70.0	5,308	7.9	2.6	9.9	6.1	4.6	8.4
12.133	83.5	4	4:35 PM	106.9	8756	39.34	26.8	19.96	13.49	10.22	6.65	4.94	3.9	20	101.0	0.92	69.6	5,316	7.9	2.7	10.0	6.1	4.6	8.4
12.238	83.5	1	4:36 PM	107.9	6002	45.86	31.49	22.76	14.98	10.67	6.11	4.24	3.3	23	101.8	0.94	115.6	3,343	4.7	1.9	7.2	5.4	4.1	5.1
12.238	83.5	2	4:36 PM	107.9	6123	41.42	28.86	21.3	14.38	10.41	6.11	4.26	3.3	22	101.8	0.94	103.0	3,604	5.1	2.1	7.9	5.5	4.2	5.7
12.238	83.5	3	4:36 PM	107.9	8010	54.03	38.02	28.22	19.19	13.88	8.17	5.71	4.5	29	101.8	0.94	103.0	3,566	5.0	2.1	7.9	5.5	4.2	5.7
12.238	83.5	4	4:36 PM	107.9	8548	57.2	40.51	30.19	20.52	14.85	8.69	6.07	4.7	31	101.8	0.94	102.2	3,571	5.0	2.2	8.0	5.5	4.2	5.7
12.323	82.7	1	4:37 PM	109.1	5958	44.26	30.85	22.05	14	10.48	6.47	4.59	3.6	22	102.7	0.94	112.9	3,402	4.8	1.9	7.3	5.4	4.1	5.2
12.323	82.7	2	4:37 PM	109.1	5947	40.53	28.86	21.17	13.78	10.32	6.39	4.53	3.6	21	102.7	0.94	104.1	3,549	5.0	2.1	7.8	5.5	4.2	5.6
12.323	82.7	3	4:37 PM	109.1	7944	55.18	39.54	29.26	19.02	14.3	8.76	6	4.6	29	102.7	0.95	106.2	3,444	4.8	2.1	7.8	5.4	4.1	5.5
12.323	82.7	4	4:37 PM	109.1	8636	59.59	42.98	31.94	20.63	15.63	9.59	6.84	5.3	32	102.7	0.95	105.6	3,441	4.8	2.1	7.8	5.4	4.1	5.5
12.406	82.7	1	4:38 PM	107.7	6145	29.39	22.04	17.01	12.12	9.22	5.99	4.22	3.2	17	101.7	0.94	74.9	4,408	6.4	2.8	10.0	5.9	4.4	7.8
12.406	82.7	2	4:38 PM	107.7	6233	28.19	21.48	16.81	12.14	9.33	6.09	4.3	3.3	17	101.7	0.94	71.3	4,486	6.5	3.0	10.5	5.9	4.5	8.2
12.406	82.7	3	4:38 PM	107.7	8131	37.12	28.52	22.43	16.23	12.44	8.11	5.71	4.3	23	101.7	0.94	72.0	4,403	6.4	3.0	10.4	5.9	4.5	8.1
12.406	82.7	4	4:38 PM	107.7	8734	39.96	30.67	24.17	17.48	13.49	8.77	6.13	4.5	24	101.7	0.94	72.2	4,370	6.3	3.0	10.4	5.9	4.5	8.1
12.505	82.7	1	4:39 PM	108.2	6057	40.69	26.26	17.91	10.52	7.23	4.35	3.35	2.7	17	102.1	0.91	99.5	4,421	6.4	1.8	7.5	5.7	4.3	5.9
12.505	82.7	2	4:39 PM	108.2	6090	36.75	24.07	16.96	10.33	7.29	4.43	3.36	2.7	16	102.1	0.91	90.2	4,636	6.8	2.0	8.2	5.8	4.3	6.5
12.505	82.7	3	4:39 PM	108.2	8120	49.07	32.47	23.06	14.16	9.94	6.06	4.62	3.8	22	102.1	0.92	90.5	4,576	6.7	2.0	8.2	5.8	4.3	6.5
12.505	82.7	4	4:39 PM	108.2	8713	51.98	34.68	24.74	15.24	10.74	6.47	5.02	4.1	24	102.1	0.92	89.4	4,584	6.7	2.1	8.3	5.8	4.3	6.5
12.605	82.9	1	4:40 PM	109.2	6178	32.17	20.97	16.3	11.3	8.24	4.79	3.44	2.7	17	102.9	0.92	79.0	4,627	6.8	2.5	9.3	5.9	4.4	7.4
12.605	82.9	2	4:40 PM	109.2	6266	30.14	20.33	15.91	11.17	8.21	4.84	3.5	2.8	17	102.9	0.92	73.5	4,818	7.1	2.7	9.8	6.0	4.5	8.0
12.605	82.9	3	4:40 PM	109.2	8296	40.57	27.7	21.72	15.23	11.18	6.57	4.72	3.7	23	102.9	0.92	74.8	4,704	6.9	2.7	9.8	5.9	4.5	7.8
12.605	82.9	4	4:40 PM	109.2	8800	42.85	29.56	23.1	16.18	11.89	6.95	4.96	4	24	102.9	0.92	74.5	4,704	6.9	2.7	9.8	5.9	4.5	7.9
12.695	83.4	1	4:41 PM	107.9	6123	32.76	22.21	16.2	10.31	7.3	4.35	3.22	2.6	15	101.9	0.91	80.7	4,895	7.2	2.3	8.9	5.9	4.4	7.2
12.695	83.4	2	4:41 PM	107.9	6200	29.98	20.7	15.5	10.12	7.27	4.39	3.22	2.6	15	101.9	0.91	73.6	5,152	7.7	2.5	9.6	6.0	4.5	7.9
12.695	83.4	3	4:41 PM	107.9	8186	39.8	27.61	20.76	13.63	9.71	5.89	4.31	3.5	20	101.9	0.91	74.1	5,106	7.6	2.5	9.5	6.0	4.5	7.9
12.695	83.4	4	4:41 PM	107.9	8745	42.13	29.43	22.17	14.57	10.38	6.27	4.61	3.7	21	101.9	0.91	73.4	5,123	7.6	2.5	9.6	6.0	4.5	8.0
12.792	83.1	1	4:42 PM	105.6	6200	45.5	29.48	19.37	11.26	7.56	4.41	3.34	2.7	21	100.2	0.92	108.8	4,193	6.0	1.5	7.0	5.6	4.2	5.4
12.792	83.1	2	4:42 PM	105.6	6233	42.37	28.53	19.31	11.48	7.73	4.48	3.37	2.7	20	100.2	0.92	101.4	4,307	6.2	1.7	7.5	5.6	4.2	5.8
12.792	83.1	3	4:42 PM	105.6	8175	55.85	38.07	26	15.38	10.38	6.01	4.53	3.6	27	100.2	0.92	102.0	4,243	6.1	1.8	7.5	5.6	4.2	5.7
12.792	83.1	4	4:42 PM	105.6	8789	59.94	41.2	28.33	16.75	11.2	6.47	4.89	4	29	100.2	0.92	101.9	4,239	6.1	1.8	7.5	5.6	4.2	5.7
12.878	83.7	1	4:43 PM	107.3	5794	56.2	38.36	26.2	13.73	8.33	4.75	3.85	3.3	25	101.5	0.93	142.4	3,365	4.7	1.1	5.8	5.2	4.0	4.1
12.878	83.7	2	4:43 PM	107.3	5958	52.72	37.3	26.04	14.24	8.93	5.24	3.89	3	25	101.5	0.93	131.3	3,443	4.8	1.3	6.3	5.3	4.0	4.5
12.878	83.7	3	4:43 PM	107.3	7769	67.76	48.41	34.38	19.15	12	7.09	5.23	4	33	101.5	0.93	129.9	3,411	4.8	1.4	6.4	5.3	4.0	4.5
12.878	83.7	4	4:43 PM	107.3	8471	73.33	52.35	37.53	21.15	13.26	7.73	5.83	4.6	37	101.5	0.93	129.0	3,399	4.7	1.4	6.4	5.3	4.0	4.5
12.983	84.5	1	4:44 PM	107.3	6002	40.12	25.98	17.24	10.8	7.77	4.76	3.41	2.8	18	101.5	0.92	100.1	4,241	6.1	1.8	7.6	5.6	4.2	5.8
12.983	84.5	2	4:44 PM	107.3	6035	37.7	25.06	16.94	10.79	7.75	4.73	3.41	2.8	18	101.5	0.92	93.9	4,390	6.4	2.0	8.0	5.7	4.3	6.2
12.983	84.5	3	4:44 PM	107.3	7988	49.6	34.12	22.78	14.59	10.46	6.4	4.68	3.9	24	101.5	0.92	93.6	4,354	6.3	2.0	8.1	5.7	4.3	6.3
12.983	84.5	4	4:44 PM	107.3	8724	54.05	37.67	25.07	16.08	11.51	7.04	5.07	4.2	26	101.5	0.92	93.5	4,339	6.3	2.0	8.1	5.7	4.3	6.3

13.067	84.7	1	4:45 PM	107.8	6002	42.64	27.64	18.33	10.07	6.67	4.27	3.41	2.8	19	101.9	0.91	104.8	4,469	6.5	1.5	7.1	5.6	4.2	5.6
13.067	84.7	2	4:45 PM	107.8	6046	40.43	26.74	18	10.17	6.78	4.31	3.41	2.8	19	101.9	0.91	99.1	4,579	6.7	1.7	7.5	5.7	4.3	5.9
13.067	84.7	3	4:45 PM	107.8	8010	53.63	36.22	24.42	13.88	9.23	5.85	4.63	3.9	26	101.9	0.92	99.4	4,512	6.6	1.7	7.5	5.7	4.3	5.9
13.067	84.7	4	4:45 PM	107.8	8603	57.28	39.28	26.63	15.15	10.07	6.33	5.01	4.1	28	101.9	0.92	99.0	4,486	6.5	1.7	7.5	5.7	4.3	5.9
13.173	85.5	1	4:46 PM	109.2	5794	54.27	37.37	27.04	18.3	13.69	8.64	5.98	4.5	29	102.9	0.97	144.1	2,597	3.5	1.6	6.3	5.0	3.9	4.1
13.173	85.5	2	4:46 PM	109.2	5914	52.09	37.05	27.18	18.76	14.17	8.91	6.24	4.7	29	102.9	0.97	136.1	2,634	3.6	1.8	6.6	5.1	3.9	4.3
13.173	85.5	3	4:46 PM	109.2	7769	67.45	48.39	35.68	24.86	18.81	11.9	8.23	6.3	37	102.9	0.97	134.4	2,629	3.6	1.9	6.7	5.1	3.9	4.4
13.173	85.5	4	4:46 PM	109.2	8515	73.09	52.83	39.07	27.25	20.72	13.2	9	6.8	41	102.9	0.97	133.1	2,631	3.6	1.9	6.8	5.1	3.9	4.4
13.260	85.6	1	4:47 PM	108.0	5936	55.79	38.23	26.57	16.39	11.74	7.13	5.21	4.1	28	102.1	0.95	142.3	2,880	3.9	1.4	6.2	5.1	3.9	4.1
13.260	85.6	2	4:47 PM	108.0	6035	52.62	37.08	26.41	16.65	12.04	7.35	5.35	4.2	27	102.1	0.95	132.7	2,958	4.1	1.6	6.6	5.2	4.0	4.4
13.260	85.6	3	4:47 PM	108.0	7846	67.9	48.44	34.8	22.06	15.85	9.7	7.05	5.5	36	102.1	0.96	131.9	2,945	4.0	1.7	6.6	5.2	4.0	4.4
13.260	85.6	4	4:47 PM	108.0	8537	73.43	52.49	37.92	24.09	17.37	10.7	7.75	6	39	102.1	0.96	131.3	2,940	4.0	1.7	6.6	5.2	4.0	4.5
13.351	85.7	1	4:48 PM	114.6	6331	40.66	28.3	20.45	13.46	9.82	5.8	4.14	3.3	21	107.0	0.92	95.9	3,889	5.5	2.2	8.2	5.6	4.2	6.1
13.351	85.7	2	4:48 PM	114.6	6375	38.62	27.35	20.12	13.46	9.88	5.85	4.19	3.3	20	107.0	0.92	90.9	3,981	5.7	2.4	8.6	5.7	4.3	6.4
13.351	85.7	3	4:48 PM	114.6	8361	51.72	36.89	27.24	18.2	13.31	7.89	5.68	4.5	28	107.0	0.92	92.9	3,884	5.5	2.3	8.5	5.6	4.3	6.3
13.351	85.7	4	4:48 PM	114.6	8789	54.62	39.02	28.89	19.36	14.18	8.41	6.05	4.8	29	107.0	0.92	93.5	3,845	5.5	2.3	8.5	5.6	4.3	6.3
13.452	84.7	1	4:49 PM	108.3	5849	61.59	43.45	27.74	14.4	9.12	4.74	3.59	2.9	28	102.3	0.92	153.3	3,101	4.3	1.0	5.6	5.1	3.9	3.8
13.452	84.7	2	4:49 PM	108.3	5991	54.57	38.96	26.34	14.36	9.42	5.12	3.61	2.9	27	102.3	0.93	134.2	3,311	4.6	1.3	6.2	5.2	4.0	4.4
13.452	84.7	3	4:49 PM	108.3	7835	69.96	51.77	35.09	19.47	12.56	6.63	5.02	4	35	102.3	0.93	131.6	3,308	4.6	1.4	6.4	5.3	4.0	4.4
13.452	84.7	4	4:49 PM	108.3	8482	75.16	55.99	38.21	21.32	13.91	7.38	5.56	4.5	37	102.3	0.93	130.9	3,279	4.6	1.4	6.4	5.3	4.0	4.5
13.555	84.7	1	4:50 PM	107.9	6090	59.43	42.3	29.47	19.24	14.52	9.19	6.49	5	30	102.0	0.97	150.1	2,542	3.4	1.5	6.1	5.0	3.8	3.9
13.555	84.7	2	4:50 PM	107.9	6145	56.11	40.79	29.13	19.24	14.54	9.26	6.55	5.1	29	102.0	0.97	141.0	2,620	3.6	1.7	6.4	5.0	3.9	4.2
13.555	84.7	3	4:50 PM	107.9	7933	73.31	54	38.9	25.62	19.3	12.3	8.74	6.8	38	102.0	0.97	142.9	2,563	3.5	1.7	6.4	5.0	3.9	4.1
13.555	84.7	4	4:50 PM	107.9	8559	79.47	58.99	42.59	28.08	21.13	13.5	9.53	7.4	42	102.0	0.97	143.7	2,535	3.4	1.7	6.4	5.0	3.9	4.1
13.647	84.4	1	4:51 PM	105.1	5980	34.45	22.08	14.76	9.01	6.59	4.16	3.11	2.5	16	99.9	0.92	86.9	4,954	7.3	2.0	8.2	5.9	4.4	6.7
13.647	84.4	2	4:51 PM	105.1	6112	32.87	21.41	14.76	9.2	6.75	4.26	3.18	2.5	15	99.9	0.92	81.6	5,102	7.6	2.1	8.7	5.9	4.4	7.2
13.647	84.4	3	4:51 PM	105.1	8252	43.19	28.76	20.07	12.69	9.3	5.92	4.41	3.5	21	99.9	0.92	79.8	5,104	7.6	2.2	8.9	5.9	4.5	7.3
13.647	84.4	4	4:51 PM	105.1	8778	45.56	30.55	21.45	13.59	9.97	6.39	4.71	3.8	22	99.9	0.92	79.3	5,100	7.6	2.3	8.9	5.9	4.5	7.4
13.741	84.9	1	4:52 PM	108.6	6079	52.89	35.8	23.09	13.26	8.93	5.28	4.12	3.4	23	102.6	0.93	128.6	3,507	4.9	1.3	6.4	5.3	4.0	4.5
13.741	84.9	2	4:52 PM	108.6	6200	50.7	35.46	23.6	13.79	9.37	5.54	4.26	3.5	23	102.6	0.93	121.6	3,556	5.0	1.5	6.7	5.4	4.1	4.8
13.741	84.9	3	4:52 PM	108.6	8043	65.7	45.85	31.14	18.16	12.32	7.24	5.59	4.5	31	102.6	0.93	121.5	3,532	5.0	1.5	6.7	5.4	4.1	4.8
13.741	84.9	4	4:52 PM	108.6	8713	71.03	49.79	34.08	19.78	13.46	7.92	6.06	4.7	34	102.6	0.93	121.4	3,519	4.9	1.6	6.7	5.4	4.1	4.8
13.823	86.4	1	4:53 PM	107.1	6090	38.01	24.62	16.63	10.2	7.26	4.3	3.05	2.3	17	101.5	0.91	93.0	4,576	6.7	1.9	7.9	5.7	4.3	6.3
13.823	86.4	2	4:53 PM	107.1	6112	35.34	23.6	16.32	10.14	7.22	4.26	3	2.3	16	101.5	0.91	86.6	4,760	7.0	2.1	8.4	5.8	4.4	6.8
13.823	86.4	3	4:53 PM	107.1	8131	47.09	31.86	22.31	13.99	9.98	5.87	4.16	3.2	23	101.5	0.92	87.0	4,655	6.8	2.1	8.4	5.8	4.4	6.7
13.823	86.4	4	4:53 PM	107.1	8658	50.14	34.02	23.94	15.06	10.74	6.33	4.46	3.4	24	101.5	0.92	87.1	4,627	6.8	2.1	8.5	5.8	4.4	6.7
13.934	86	1	4:54 PM	107.6	6002	50.94	34.28	24.31	15.17	10.46	6.18	4.5	3.5	26	101.9	0.94	127.7	3,233	4.5	1.6	6.6	5.3	4.0	4.6
13.934	86	2	4:54 PM	107.6	6024	47.11	33.15	24.13	15.27	10.57	6.35	4.61	3.6	25	101.9	0.94	118.5	3,336	4.7	1.8	7.0	5.3	4.1	4.9
13.934	86	3	4:54 PM	107.6	7922	62.33	44.52	32.66	20.7	14.35	8.68	6.37	5	34	101.9	0.95	119.5	3,266	4.5	1.8	7.0	5.3	4.1	4.9
13.934	86	4	4:54 PM	107.6	8548	67.09	48.45	35.63	22.57	15.65	9.51	6.96	5.4	37	101.9	0.95	119.4	3,249	4.5	1.8	7.1	5.3	4.1	4.9
14.020	85.5	1	4:55 PM	108.7	6002	55.05	30.92	16.13	8.8	6.32	4.12	3.18	2.7	18	102.7	0.91	132.3	4,040	5.8	0.9	5.9	5.4	4.1	4.4
14.020	85.5	2	4:55 PM	108.7	5980	50.32	28.76	15.68	8.7	6.28	4.12	3.17	2.7	17	102.7	0.91	122.0	4,227	6.1	1.1	6.3	5.5	4.1	4.8
14.020	85.5	3	4:55 PM	108.7	7813	61.96	36.53	20.51	11.73	8.56	5.7	4.44	3.8	22	102.7	0.91	116.0	4,264	6.1	1.3	6.6	5.5	4.2	5.0
14.020	85.5	4	4:55 PM	108.7	8493	65.86	39.07	22.22	12.78	9.38	6.25	4.88	4.1	24	102.7	0.91	113.7	4,295	6.2	1.3	6.7	5.5	4.2	5.1

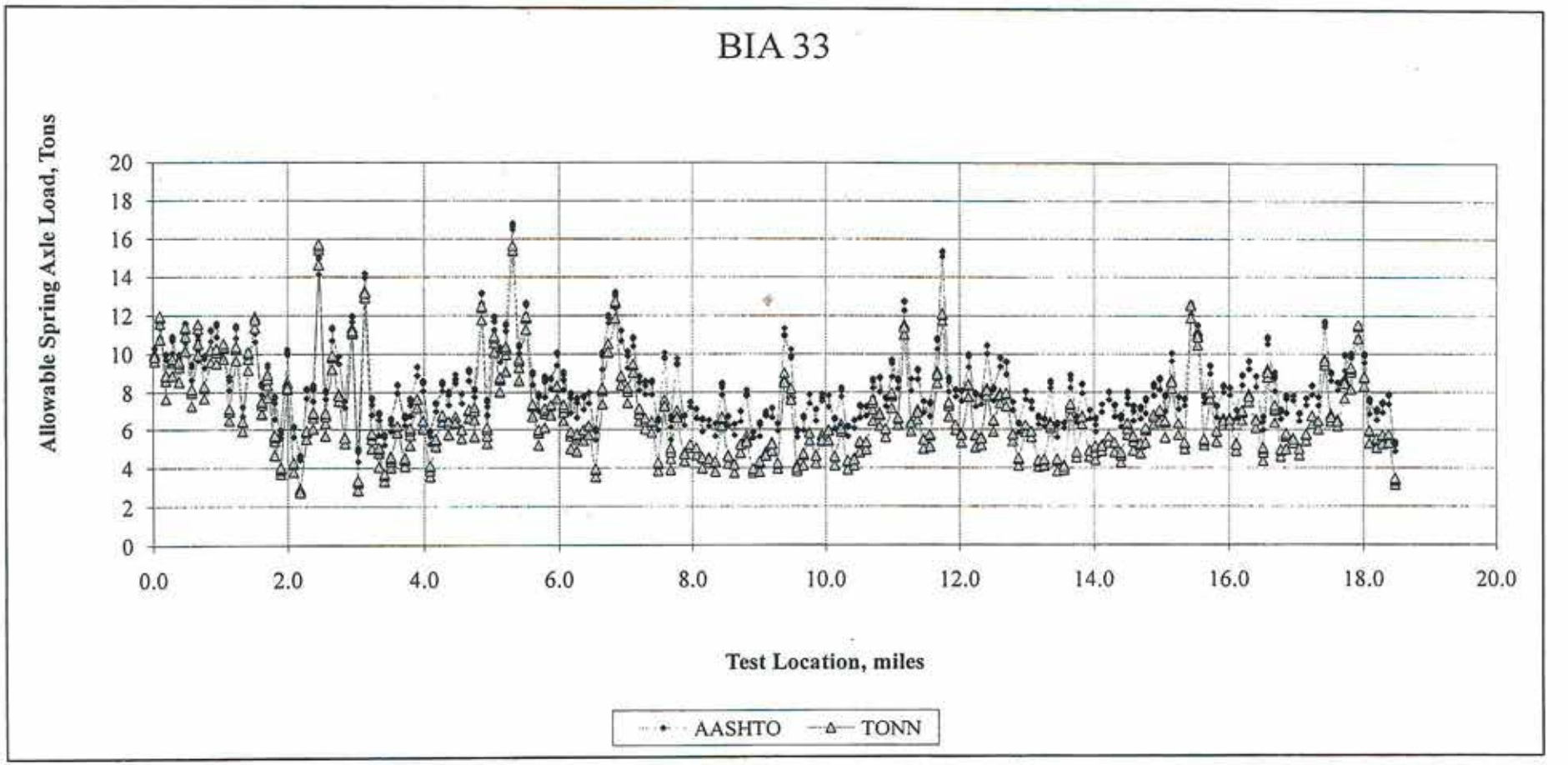
14.117	85.7	1	4:56 PM	107.9	5871	46.76	32.41	22.41	14.32	10.11	5.87	4.16	3.2	24	102.1	0.94	119.9	3,346	4.7	1.7	6.9	5.3	4.1	4.9
14.117	85.7	2	4:56 PM	107.9	5925	43.89	31.08	21.93	14.3	10.16	5.95	4.2	3.2	23	102.1	0.94	112.1	3,458	4.8	1.9	7.3	5.4	4.1	5.2
14.117	85.7	3	4:56 PM	107.9	7879	58.8	42.2	30.09	19.77	14.09	8.29	5.86	4.5	32	102.1	0.94	113.3	3,362	4.7	1.9	7.3	5.4	4.1	5.2
14.117	85.7	4	4:56 PM	107.9	8537	64.02	46.12	32.98	21.7	15.47	9.13	6.47	5	35	102.1	0.94	114.0	3,330	4.6	1.9	7.3	5.4	4.1	5.1
14.220	85.2	1	4:57 PM	107.3	6046	43.15	29.78	21.69	14.95	11.46	7.46	5.58	4.3	23	101.7	0.96	110.2	3,301	4.6	2.1	7.6	5.4	4.1	5.3
14.220	85.2	2	4:57 PM	107.3	6112	40.79	29.07	21.56	14.85	11.5	7.55	5.65	4.3	23	101.7	0.96	103.6	3,396	4.7	2.2	8.0	5.5	4.1	5.6
14.220	85.2	3	4:57 PM	107.3	7988	53.26	38.54	28.65	19.76	15.3	10.1	7.57	5.9	30	101.7	0.96	103.7	3,358	4.7	2.3	8.0	5.4	4.1	5.6
14.220	85.2	4	4:57 PM	107.3	8658	57.67	42.13	31.37	21.59	16.68	11	8.24	6.4	33	101.7	0.96	103.6	3,346	4.7	2.3	8.0	5.4	4.1	5.6
14.306	84.9	1	4:58 PM	107.9	5947	49	34.33	23	13.42	8.87	4.72	3.41	2.8	24	102.1	0.92	121.4	3,569	5.0	1.5	6.7	5.4	4.1	4.8
14.306	84.9	2	4:58 PM	107.9	6024	44.76	32.46	22.46	13.48	9.09	4.89	3.48	2.8	23	102.1	0.92	110.4	3,716	5.3	1.8	7.3	5.5	4.1	5.3
14.306	84.9	3	4:58 PM	107.9	7988	59.24	43.68	30.39	18.46	12.37	6.68	4.85	3.9	32	102.1	0.93	110.5	3,666	5.2	1.8	7.3	5.5	4.1	5.3
14.306	84.9	4	4:58 PM	107.9	8636	63.55	47.43	33	20.04	13.5	7.39	5.33	4.3	34	102.1	0.93	109.9	3,658	5.2	1.8	7.3	5.5	4.1	5.3
14.402	85.3	1	4:59 PM	110.5	5991	55.44	33.87	21.46	13.38	9.42	5.6	3.92	3	24	104.1	0.93	136.5	3,286	4.6	1.3	6.1	5.2	4.0	4.3
14.402	85.3	2	4:59 PM	110.5	6112	51.89	32.46	21.42	13.67	9.76	5.8	4.04	3.1	23	104.1	0.93	126.0	3,393	4.7	1.5	6.6	5.3	4.0	4.6
14.402	85.3	3	4:59 PM	110.5	7933	65.46	41.93	28.02	18	12.86	7.73	5.42	4.1	30	104.1	0.93	123.0	3,409	4.8	1.6	6.7	5.3	4.1	4.8
14.402	85.3	4	4:59 PM	110.5	8625	70.12	45.17	30.39	19.62	14.03	8.5	5.98	4.5	32	104.1	0.93	121.4	3,425	4.8	1.6	6.8	5.3	4.1	4.8
14.498	85.4	1	5:00 PM	106.6	6068	42.29	28.65	18.94	10.75	7.11	3.91	2.9	2.3	20	101.2	0.91	102.4	4,388	6.4	1.7	7.3	5.6	4.2	5.7
14.498	85.4	2	5:00 PM	106.6	6101	40.03	27.7	18.84	11.02	7.31	3.99	2.92	2.3	19	101.2	0.91	96.9	4,461	6.5	1.8	7.7	5.7	4.3	6.0
14.498	85.4	3	5:00 PM	106.6	8054	50.57	35.43	24.46	14.46	9.64	5.37	3.91	3.1	25	101.2	0.91	93.2	4,554	6.6	1.9	7.9	5.7	4.3	6.3
14.498	85.4	4	5:00 PM	106.6	8734	53.98	37.8	26.24	15.64	10.48	5.78	4.3	3.5	27	101.2	0.91	91.8	4,581	6.7	2.0	8.1	5.8	4.3	6.4
14.587	84.7	1	5:01 PM	107.7	6090	50.85	31.8	20.56	11.11	6.98	3.48	2.44	2	21	102.0	0.90	119.5	4,063	5.8	1.3	6.5	5.5	4.1	4.9
14.587	84.7	2	5:01 PM	107.7	6167	46.54	29.97	20.14	11.27	7.15	3.59	2.46	2	20	102.0	0.90	108.9	4,246	6.1	1.5	7.0	5.6	4.2	5.4
14.587	84.7	3	5:01 PM	107.7	8098	58.61	38.65	26.19	14.79	9.41	4.74	3.29	2.7	26	102.0	0.90	104.7	4,328	6.3	1.6	7.2	5.6	4.2	5.6
14.587	84.7	4	5:01 PM	107.7	8647	61.59	40.9	27.85	15.75	10.02	5.09	3.54	2.9	28	102.0	0.90	103.3	4,368	6.3	1.6	7.3	5.6	4.2	5.7
14.695	84.7	1	5:02 PM	106.4	5914	49.59	31.01	21.3	12.74	8.49	4.25	3.02	2.5	24	101.1	0.92	122.9	3,613	5.1	1.4	6.6	5.4	4.1	4.8
14.695	84.7	2	5:02 PM	106.4	6002	45.83	30.19	21.15	12.92	8.71	4.46	3.15	2.5	23	101.1	0.92	112.9	3,751	5.3	1.7	7.1	5.5	4.1	5.2
14.695	84.7	3	5:02 PM	106.4	7922	59.78	40.59	28.34	17.37	11.74	6.05	4.23	3.5	30	101.1	0.92	111.9	3,728	5.3	1.7	7.2	5.5	4.1	5.2
14.695	84.7	4	5:02 PM	106.4	8581	64.07	44.01	30.93	18.91	12.8	6.67	4.67	3.8	33	101.1	0.92	111.0	3,732	5.3	1.8	7.2	5.5	4.1	5.3
14.770	84.5	1	5:03 PM	105.5	6057	46.24	29.66	19.22	10.74	6.8	3.34	2.41	2	21	100.4	0.90	110.4	4,292	6.2	1.4	6.9	5.6	4.2	5.3
14.770	84.5	2	5:03 PM	105.5	6057	40.88	27.03	18.1	10.48	6.75	3.37	2.35	1.9	19	100.4	0.90	98.5	4,574	6.7	1.7	7.5	5.7	4.3	5.9
14.770	84.5	3	5:03 PM	105.5	8131	53.9	36.18	24.42	14.26	9.15	4.61	3.22	2.6	25	100.4	0.90	97.1	4,590	6.7	1.8	7.6	5.7	4.3	6.0
14.770	84.5	4	5:03 PM	105.5	8691	56.85	38.5	26.07	15.3	9.87	5.02	3.6	2.9	27	100.4	0.90	96.0	4,596	6.7	1.8	7.7	5.7	4.3	6.1
14.889	85.4	1	5:03 PM	106.1	5980	37.5	24	15.79	9.43	6.67	4.03	3	2.3	17	100.8	0.91	93.3	4,734	6.9	1.8	7.8	5.8	4.3	6.3
14.889	85.4	2	5:03 PM	106.1	6035	35.16	23.2	15.74	9.59	6.83	4.13	3	2.3	16	100.8	0.91	87.3	4,858	7.2	2.0	8.3	5.8	4.4	6.7
14.889	85.4	3	5:03 PM	106.1	8065	46.14	30.85	21.23	13.09	9.26	5.61	4.17	3.2	22	100.8	0.92	86.0	4,859	7.2	2.1	8.4	5.8	4.4	6.8
14.889	85.4	4	5:03 PM	106.1	8625	49.15	33.06	22.86	14.08	10.21	6.23	4.45	3.4	23	100.8	0.92	86.0	4,784	7.0	2.1	8.4	5.8	4.4	6.8
14.979	84.3	1	5:04 PM	115.0	6419	41.07	27.03	18.11	11.07	7.38	3.69	2.44	1.9	18	107.6	0.87	90.7	4,614	6.7	2.0	8.1	5.8	4.3	6.4
14.979	84.3	2	5:04 PM	115.0	6474	37.98	25.73	17.76	11.04	7.4	3.76	2.53	2	17	107.6	0.87	83.8	4,816	7.1	2.2	8.6	5.9	4.4	7.0
14.979	84.3	3	5:04 PM	115.0	8493	49.37	33.77	23.59	14.7	9.84	5.02	3.41	2.7	23	107.6	0.87	83.3	4,800	7.1	2.2	8.7	5.9	4.4	7.0
14.979	84.3	4	5:04 PM	115.0	8866	51.22	35.21	24.74	15.47	10.37	5.28	3.6	2.9	25	107.6	0.87	82.9	4,788	7.0	2.2	8.8	5.9	4.4	7.1
15.060	85.1	1	5:05 PM	107.2	6156	45.45	28.86	17.73	9.57	6.03	2.99	2.29	2	19	101.7	0.88	105.1	4,674	6.8	1.4	7.0	5.7	4.3	5.6
15.060	85.1	2	5:05 PM	107.2	6178	39.36	26.13	16.87	9.39	6.04	3.04	2.25	1.9	17	101.7	0.89	91.8	5,033	7.5	1.7	7.7	5.8	4.4	6.4
15.060	85.1	3	5:05 PM	107.2	8230	51.97	35.11	22.97	12.85	8.14	4.06	3.14	2.7	24	101.7	0.89	91.1	5,024	7.4	1.8	7.8	5.8	4.4	6.4
15.060	85.1	4	5:05 PM	107.2	8767	54.84	37.39	24.62	13.85	8.7	4.34	3.37	2.9	25	101.7	0.89	90.3	5,039	7.5	1.8	7.9	5.8	4.4	6.5

15.154	83.5	1	5:06 PM	107.2	6134	28.88	20.85	14.94	9.44	6.65	3.98	2.98	2.4	15	101.7	0.91	71.4	5,458	8.2	2.5	9.6	6.1	4.6	8.2
15.154	83.5	2	5:06 PM	107.2	6233	27.59	20.39	14.85	9.57	6.81	4.11	3.06	2.4	15	101.7	0.91	67.6	5,568	8.4	2.6	10.1	6.1	4.6	8.6
15.154	83.5	3	5:06 PM	107.2	8274	37.04	27.39	20.05	13.02	9.3	5.62	4.18	3.3	20	101.7	0.91	68.5	5,449	8.2	2.7	10.0	6.1	4.6	8.5
15.154	83.5	4	5:06 PM	107.2	8745	39.12	29.07	21.32	13.85	9.9	5.98	4.44	3.5	21	101.7	0.91	68.5	5,427	8.1	2.7	10.1	6.1	4.6	8.5
15.256	82.9	1	5:07 PM	106.4	6233	44.38	29.45	18.87	9.91	6.02	3.15	2.56	2.2	19	101.1	0.89	102.3	4,793	7.0	1.4	7.1	5.7	4.3	5.7
15.256	82.9	2	5:07 PM	106.4	6200	39.23	26.83	17.81	9.7	6.03	3.19	2.52	2.1	18	101.1	0.89	91.9	5,063	7.5	1.7	7.7	5.8	4.4	6.4
15.256	82.9	3	5:07 PM	106.4	8263	52.28	36.16	24.36	13.5	8.28	4.43	3.55	3	25	101.1	0.89	92.2	4,986	7.4	1.7	7.7	5.8	4.4	6.3
15.256	82.9	4	5:07 PM	106.4	8844	55.88	38.68	26.14	14.44	8.93	4.81	3.78	3.2	27	101.1	0.90	92.2	4,970	7.3	1.8	7.8	5.8	4.4	6.3
15.347	83.8	1	5:09 PM	108.5	5958	45.68	31.52	23.26	15.79	11.85	7.28	5.09	3.7	24	102.7	0.95	117.5	3,118	4.3	2.0	7.3	5.3	4.0	5.0
15.347	83.8	2	5:09 PM	108.5	6024	43.57	30.8	23.02	15.74	11.67	7.4	5.18	4	23	102.7	0.95	111.3	3,239	4.5	2.1	7.6	5.4	4.1	5.3
15.347	83.8	3	5:09 PM	108.5	7922	56.8	40.79	30.46	20.92	15.54	9.73	6.8	5	31	102.7	0.95	110.4	3,224	4.5	2.1	7.6	5.4	4.1	5.3
15.347	83.8	4	5:09 PM	108.5	8559	61.14	44.19	33.13	22.69	16.86	10.6	7.37	5.8	34	102.7	0.95	110.1	3,219	4.5	2.1	7.7	5.4	4.1	5.3
15.438	82.9	1	5:10 PM	106.8	6562	20.65	15.32	11.36	7.37	5.44	3.42	2.52	2	11	101.5	0.89	49.2	7,524	12.0	3.1	12.1	6.6	4.9	11.9
15.438	82.9	2	5:10 PM	106.8	6606	19.54	14.56	10.94	7.26	5.4	3.41	2.52	2	11	101.5	0.89	46.6	7,763	12.5	3.2	12.6	6.7	5.0	12.5
15.438	82.9	3	5:10 PM	106.8	8745	25.73	19.31	14.67	9.79	7.31	4.61	3.41	2.7	15	101.5	0.89	46.5	7,666	12.3	3.3	12.7	6.7	5.0	12.6
15.438	82.9	4	5:10 PM	106.8	8921	26.3	19.76	15.07	10.09	7.54	4.76	3.52	2.8	15	101.5	0.89	46.7	7,604	12.2	3.3	12.7	6.7	5.0	12.5
15.539	82.9	1	5:11 PM	106.2	6441	23.85	17.42	12.56	7.86	5.37	2.78	1.75	1.3	13	101.0	0.88	55.9	7,031	11.1	2.8	11.0	6.4	4.8	10.5
15.539	82.9	2	5:11 PM	106.2	6584	22.63	16.89	12.33	7.84	5.41	2.81	1.82	1.4	13	101.0	0.88	52.3	7,311	11.6	2.9	11.5	6.5	4.9	11.2
15.539	82.9	3	5:11 PM	106.2	8603	30	22.5	16.64	10.69	7.45	3.89	2.55	1.9	17	101.0	0.88	53.2	7,043	11.1	3.0	11.5	6.5	4.9	11.0
15.539	82.9	4	5:11 PM	106.2	8932	31.45	23.47	17.42	11.23	7.81	4.08	2.67	2	18	101.0	0.88	53.7	6,975	11.0	2.9	11.5	6.5	4.8	10.9
15.634	82.8	1	5:11 PM	105.6	6057	44.61	33.06	23.48	15.36	11.28	6.87	4.78	3.7	24	100.6	0.95	113.0	3,298	4.6	2.0	7.4	5.4	4.1	5.2
15.634	82.8	2	5:11 PM	105.6	5903	41.52	31.42	22.91	15.21	11.26	6.87	4.8	3.7	23	100.6	0.95	108.5	3,305	4.6	2.1	7.7	5.4	4.1	5.4
15.634	82.8	3	5:11 PM	105.6	7857	54.37	41.97	30.64	20.48	15.22	9.34	6.51	5	31	100.6	0.96	107.0	3,291	4.6	2.2	7.8	5.4	4.1	5.5
15.634	82.8	4	5:11 PM	105.6	8504	58.56	45.53	33.33	22.33	16.61	10.2	7.11	5.4	34	100.6	0.96	106.6	3,279	4.6	2.2	7.9	5.4	4.1	5.5
15.722	82.7	1	5:12 PM	112.3	6397	34.04	22.47	15.4	9.2	6.28	3.37	2.41	2	16	105.6	0.87	76.6	5,470	8.2	2.2	9.0	6.0	4.5	7.6
15.722	82.7	2	5:12 PM	112.3	6474	32.72	21.83	15.39	9.42	6.5	3.49	2.49	2.1	16	105.6	0.87	73.3	5,531	8.3	2.4	9.3	6.1	4.5	8.0
15.722	82.7	3	5:12 PM	112.3	8515	42.78	29.02	20.63	12.67	8.72	4.69	3.36	2.8	21	105.6	0.88	73.1	5,485	8.2	2.4	9.4	6.1	4.5	8.0
15.722	82.7	4	5:12 PM	112.3	8866	44.47	30.31	21.65	13.35	9.2	4.97	3.56	2.9	22	105.6	0.88	73.1	5,448	8.2	2.4	9.4	6.1	4.5	8.0
15.819	82.6	1	5:13 PM	107.1	6057	46.59	29.66	18.39	9.36	5.56	3	2.56	2.2	21	101.7	0.89	109.4	4,727	6.9	1.2	6.7	5.6	4.2	5.3
15.819	82.6	2	5:13 PM	107.1	6156	42.57	28.26	18.28	9.63	5.8	3.17	2.64	2.3	20	101.7	0.89	99.4	4,924	7.3	1.5	7.2	5.7	4.3	5.9
15.819	82.6	3	5:13 PM	107.1	8109	55.86	37.8	24.78	13.17	7.83	4.24	3.62	3.2	27	101.7	0.89	99.2	4,873	7.2	1.5	7.3	5.7	4.3	5.9
15.819	82.6	4	5:13 PM	107.1	8691	59.62	40.85	26.92	14.32	8.5	4.64	3.92	3.4	28	101.7	0.89	99.0	4,852	7.1	1.5	7.3	5.7	4.3	5.9
15.918	82.7	1	5:14 PM	110.7	6342	40.83	29.56	19.35	11.65	7.83	4.13	3.09	2.6	20	104.4	0.90	93.8	4,427	6.4	2.0	8.0	5.7	4.3	6.2
15.918	82.7	2	5:14 PM	110.7	6331	38.1	27.93	18.81	11.53	7.8	4.16	3.11	2.6	19	104.4	0.90	88.2	4,568	6.7	2.1	8.4	5.8	4.4	6.6
15.918	82.7	3	5:14 PM	110.7	8339	50.93	37.4	25.37	15.6	10.54	5.61	4.26	3.6	26	104.4	0.90	89.6	4,474	6.5	2.1	8.3	5.8	4.3	6.5
15.918	82.7	4	5:14 PM	110.7	8811	54.2	39.91	27.2	16.66	11.33	6.17	4.57	3.8	28	104.4	0.90	90.6	4,417	6.4	2.1	8.3	5.7	4.3	6.5
16.013	82.5	1	5:15 PM	104.7	6309	39.87	26.79	18.2	10.8	7.23	3.92	2.91	2.4	19	99.9	0.91	93.8	4,649	6.8	1.9	7.8	5.7	4.3	6.2
16.013	82.5	2	5:15 PM	104.7	6353	37.52	25.82	17.92	10.83	7.32	3.98	2.96	2.4	18	99.9	0.91	88.2	4,781	7.0	2.0	8.2	5.8	4.4	6.6
16.013	82.5	3	5:15 PM	104.7	8372	49.9	34.63	24.16	14.63	9.82	5.37	4	3.3	24	99.9	0.91	89.1	4,715	6.9	2.0	8.2	5.8	4.4	6.6
16.013	82.5	4	5:15 PM	104.7	8833	52.78	36.78	25.74	15.59	10.49	5.76	4.26	3.5	26	99.9	0.91	89.4	4,677	6.8	2.0	8.2	5.8	4.4	6.5
16.109	82.4	1	5:16 PM	104.9	6189	50.99	34.11	22.7	12.89	8.02	3.76	2.84	2.4	23	100.1	0.91	119.8	3,843	5.5	1.4	6.6	5.4	4.1	4.9
16.109	82.4	2	5:16 PM	104.9	6266	47.4	32.33	22.18	12.96	8.2	3.91	2.93	2.5	22	100.1	0.91	110.8	3,982	5.7	1.6	7.1	5.5	4.2	5.3
16.109	82.4	3	5:16 PM	104.9	8219	62.76	43.13	29.83	17.51	11.04	5.25	4.02	3.4	30	100.1	0.91	112.0	3,910	5.6	1.6	7.0	5.5	4.2	5.2
16.109	82.4	4	5:16 PM	104.9	8713	66.5	45.94	31.97	18.76	11.88	5.66	4.29	3.6	32	100.1	0.91	112.1	3,880	5.5	1.6	7.0	5.5	4.1	5.2

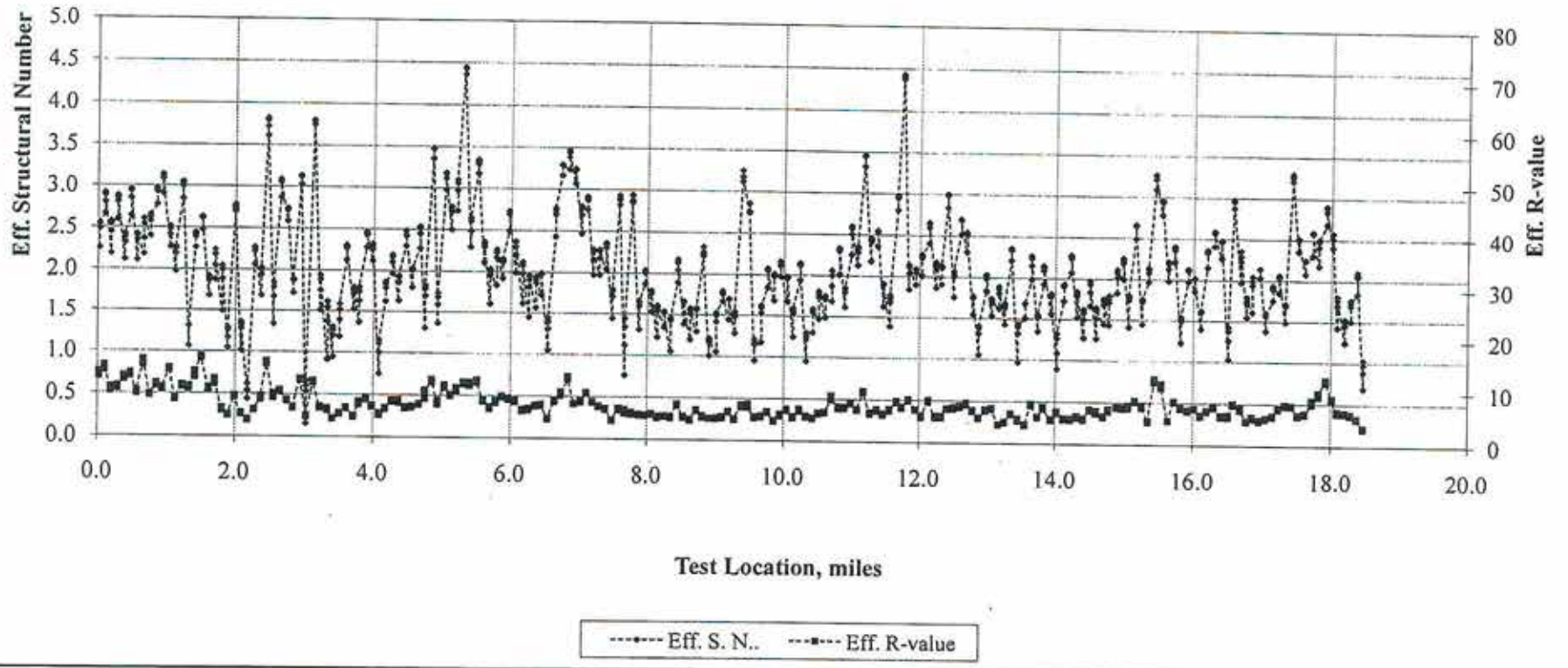
16.197	81.5	1	5:17 PM	104.9	6046	35.71	24.91	17.33	11.16	8.08	4.89	3.57	2.8	17	100.1	0.93	89.9	4,395	6.4	2.2	8.4	5.7	4.3	6.5
16.197	81.5	2	5:17 PM	104.9	6156	33.56	23.89	16.95	11.12	8.11	4.96	3.61	2.9	17	100.1	0.93	83.5	4,580	6.7	2.3	8.9	5.8	4.4	7.0
16.197	81.5	3	5:17 PM	104.9	8197	45.11	31.75	22.68	14.96	11	6.7	4.88	3.9	23	100.1	0.93	84.3	4,512	6.6	2.3	8.8	5.8	4.4	6.9
16.197	81.5	4	5:17 PM	104.9	8756	47.55	33.83	24.21	15.98	11.74	7.2	5.22	4.2	25	100.1	0.93	83.4	4,539	6.6	2.4	8.9	5.8	4.4	7.0
16.296	81.6	1	5:18 PM	104.0	6167	31.52	21.75	15.59	10.26	7.59	4.46	3	2.2	15	99.4	0.92	78.3	4,895	7.2	2.4	9.2	5.9	4.5	7.5
16.296	81.6	2	5:18 PM	104.0	6255	29.94	21.15	15.44	10.33	7.71	4.57	3.09	2.3	15	99.4	0.92	73.9	5,017	7.4	2.6	9.6	6.0	4.5	7.9
16.296	81.6	3	5:18 PM	104.0	8285	40.16	28.69	21.11	14.23	10.65	6.36	4.31	3.2	21	99.4	0.93	75.0	4,864	7.2	2.6	9.6	6.0	4.5	7.8
16.296	81.6	4	5:18 PM	104.0	8745	42.65	30.31	22.37	15.13	11.28	6.76	4.59	3.4	22	99.4	0.93	75.5	4,843	7.1	2.6	9.6	6.0	4.5	7.8
16.402	81.4	1	5:19 PM	104.5	5925	36.79	26.03	18.7	12.8	9.81	6.3	4.47	3.5	19	99.8	0.95	96.2	3,784	5.4	2.3	8.3	5.6	4.2	6.1
16.402	81.4	2	5:19 PM	104.5	5980	34.04	24.77	18.18	12.57	9.74	6.31	4.58	3.6	19	99.8	0.95	88.8	3,944	5.6	2.5	8.8	5.7	4.3	6.6
16.402	81.4	3	5:19 PM	104.5	7681	44.13	32.01	23.84	16.63	12.78	8.11	5.66	4.3	25	99.8	0.95	89.5	3,876	5.5	2.5	8.8	5.7	4.3	6.5
16.402	81.4	4	5:19 PM	104.5	8328	47.97	34.97	26.13	18.24	13.98	8.91	6.3	4.8	27	99.8	0.95	89.8	3,850	5.5	2.5	8.8	5.7	4.3	6.5
16.507	81.3	1	5:20 PM	104.4	5914	53.69	29.08	15.78	9.81	7.33	4.56	3.22	2.5	17	99.8	0.93	133.9	3,747	5.3	1.0	6.0	5.3	4.0	4.4
16.507	81.3	2	5:20 PM	104.4	5925	48.76	27.35	15.53	9.78	7.29	4.5	3.23	2.5	17	99.8	0.93	121.9	3,949	5.6	1.3	6.4	5.4	4.1	4.8
16.507	81.3	3	5:20 PM	104.4	7692	60.75	35.18	20.47	12.92	9.62	5.93	4.14	3.1	22	99.8	0.93	117.4	3,995	5.7	1.4	6.6	5.5	4.1	5.0
16.507	81.3	4	5:20 PM	104.4	8328	64.71	38.02	22.41	14.13	10.5	6.36	4.53	3.6	24	99.8	0.93	115.6	4,010	5.7	1.4	6.7	5.5	4.1	5.1
16.573	81.5	1	5:21 PM	105.3	6178	26.31	19.33	14.61	10.13	7.69	4.85	3.56	2.8	15	100.4	0.93	66.6	5,197	7.7	2.9	10.5	6.1	4.6	8.8
16.573	81.5	2	5:21 PM	105.3	6200	25.09	18.54	14.16	9.91	7.58	4.83	3.52	2.8	14	100.4	0.93	63.7	5,348	8.0	3.0	10.9	6.2	4.6	9.2
16.573	81.5	3	5:21 PM	105.3	8010	33	24.31	18.58	13.02	9.95	6.29	4.57	3.6	19	100.4	0.93	64.7	5,260	7.9	3.0	10.8	6.1	4.6	9.0
16.573	81.5	4	5:21 PM	105.3	8537	35.23	26	19.8	13.87	10.63	6.73	4.75	3.8	20	100.4	0.93	64.8	5,249	7.8	3.0	10.8	6.1	4.6	9.0
16.680	81.8	1	5:22 PM	105.8	5958	36.15	21.64	14.06	9.44	7.22	4.7	3.49	2.7	15	100.8	0.93	91.7	4,594	6.7	2.0	8.1	5.8	4.3	6.4
16.680	81.8	2	5:22 PM	105.8	6046	32.98	20.65	13.89	9.52	7.31	4.68	3.48	2.7	14	100.8	0.92	83.1	4,817	7.1	2.2	8.7	5.9	4.4	7.0
16.680	81.8	3	5:22 PM	105.8	7824	41.93	26.75	18.29	12.5	9.62	6.15	4.5	3.5	19	100.8	0.93	81.9	4,805	7.1	2.3	8.9	5.9	4.4	7.1
16.680	81.8	4	5:22 PM	105.8	8427	44.09	28.76	19.8	13.54	10.41	6.64	4.85	3.8	21	100.8	0.93	80.1	4,839	7.1	2.4	9.0	5.9	4.4	7.3
16.770	81.8	1	5:23 PM	104.9	5892	49.75	32.91	23.33	14.51	10.21	6.14	4.17	3.3	23	100.2	0.95	127.8	3,251	4.5	1.5	6.6	5.3	4.0	4.6
16.770	81.8	2	5:23 PM	104.9	5947	46.66	31.43	22.69	14.37	10.21	6.22	4.1	3.2	23	100.2	0.95	119.3	3,374	4.7	1.7	7.0	5.3	4.1	4.9
16.770	81.8	3	5:23 PM	104.9	7593	59.09	40.6	29.49	18.74	13.21	8.19	5.28	4.2	29	100.2	0.95	118.7	3,360	4.7	1.7	7.0	5.3	4.1	4.9
16.770	81.8	4	5:23 PM	104.9	8230	63.83	44.15	32.16	20.47	14.63	8.82	5.93	4.6	32	100.2	0.95	118.2	3,322	4.6	1.8	7.1	5.3	4.1	4.9
16.851	81.7	1	5:24 PM	104.9	5892	45.85	24.52	16.25	11.79	9.02	5.69	4.2	3.3	18	100.2	0.94	117.7	3,612	5.1	1.6	6.9	5.4	4.1	5.0
16.851	81.7	2	5:24 PM	104.9	6046	41.26	24.33	17.05	12.03	9.26	5.86	4.33	3.4	18	100.2	0.94	104.1	3,822	5.4	1.9	7.6	5.5	4.2	5.6
16.851	81.7	3	5:24 PM	104.9	7714	51.8	31.61	22.38	15.65	11.95	7.52	5.54	4.4	23	100.2	0.94	102.6	3,822	5.4	2.0	7.7	5.5	4.2	5.7
16.851	81.7	4	5:24 PM	104.9	8383	55.17	34.46	24.64	17.1	13.05	8.19	6.05	4.8	25	100.2	0.94	100.8	3,843	5.5	2.0	7.9	5.6	4.2	5.8
16.955	81.2	1	5:26 PM	103.0	6068	43.87	31.87	23.92	15.65	11.26	6.23	4.39	3.4	24	98.8	0.95	110.8	3,329	4.6	2.0	7.5	5.4	4.1	5.3
16.955	81.2	2	5:26 PM	103.0	6068	41.68	30.46	23.07	15.28	11.05	6.22	4.4	3.4	23	98.8	0.95	105.6	3,433	4.8	2.1	7.8	5.4	4.1	5.5
16.955	81.2	3	5:26 PM	103.0	7824	54.15	39.83	30.26	20.14	14.48	8.12	5.8	4.4	30	98.8	0.95	106.5	3,389	4.7	2.1	7.8	5.4	4.1	5.5
16.955	81.2	4	5:26 PM	103.0	8372	58.06	42.76	32.53	21.63	15.57	8.73	6.21	4.8	33	98.8	0.95	106.7	3,376	4.7	2.1	7.8	5.4	4.1	5.5
17.045	81.4	1	5:27 PM	103.7	5991	50.66	33.05	21.92	12.93	8.61	4.59	3.33	2.8	23	99.3	0.93	125.4	3,596	5.1	1.4	6.5	5.4	4.1	4.7
17.045	81.4	2	5:27 PM	103.7	6057	47.68	32.05	21.82	13.11	8.8	4.72	3.38	2.8	22	99.3	0.93	117.4	3,697	5.2	1.6	6.8	5.4	4.1	5.0
17.045	81.4	3	5:27 PM	103.7	7692	60.43	41.68	28.38	17.17	11.45	6.12	4.39	3.6	29	99.3	0.93	117.3	3,652	5.1	1.6	6.9	5.4	4.1	5.0
17.045	81.4	4	5:27 PM	103.7	8318	65.19	45.36	30.9	18.72	12.43	6.69	4.82	3.8	31	99.3	0.93	117.2	3,648	5.1	1.6	6.9	5.4	4.1	5.0
17.147	81.6	1	5:28 PM	103.2	5849	41.85	28.26	19.57	12.03	8.42	5.03	3.67	2.9	21	98.9	0.94	108.3	3,879	5.5	1.8	7.3	5.5	4.2	5.4
17.147	81.6	2	5:28 PM	103.2	5903	39.53	27.32	19.28	12.01	8.5	4.9	3.72	3	20	98.9	0.94	101.6	3,993	5.7	1.9	7.7	5.6	4.2	5.8
17.147	81.6	3	5:28 PM	103.2	7571	50.76	35.26	24.91	15.49	10.92	6.95	4.76	3.7	26	98.9	0.94	102.4	3,987	5.7	1.9	7.6	5.6	4.2	5.7
17.147	81.6	4	5:28 PM	103.2	8339	55.72	38.91	27.56	17.26	12.14	7.31	5.35	4.2	29	98.9	0.94	101.8	3,971	5.7	1.9	7.7	5.6	4.2	5.7

17.235	81.6	1	5:29 PM	102.8	6046	37.15	24.83	16.72	9.74	6.91	4.42	3.5	2.8	17	98.6	0.93	93.1	4,716	6.9	1.8	7.9	5.8	4.3	6.3
17.235	81.6	2	5:29 PM	102.8	6068	34.5	23.53	16.25	9.75	6.96	4.42	3.45	2.8	16	98.6	0.93	86.6	4,875	7.2	2.0	8.3	5.8	4.4	6.8
17.235	81.6	3	5:29 PM	102.8	7846	44.6	30.71	21.38	12.83	9.14	5.77	4.5	3.6	21	98.6	0.93	86.7	4,833	7.1	2.1	8.3	5.8	4.4	6.7
17.235	81.6	4	5:29 PM	102.8	8427	47.81	32.98	23.01	13.78	9.87	6.22	4.78	3.9	23	98.6	0.93	86.5	4,823	7.1	2.1	8.4	5.8	4.4	6.8
17.330	81.8	1	5:30 PM	102.1	6068	39.76	26.82	16.86	8.92	5.61	3.46	2.81	2.4	17	98.1	0.91	97.2	5,106	7.6	1.5	7.3	5.8	4.3	6.0
17.330	81.8	2	5:30 PM	102.1	6156	37.32	25.96	16.84	9.13	5.81	3.55	2.86	2.4	17	98.1	0.91	90.5	5,250	7.8	1.7	7.7	5.9	4.4	6.5
17.330	81.8	3	5:30 PM	102.1	7835	47.4	33.14	21.69	11.84	7.47	4.55	3.67	3.2	22	98.1	0.91	90.4	5,228	7.8	1.7	7.7	5.9	4.4	6.5
17.330	81.8	4	5:30 PM	102.1	8449	51.04	35.9	23.59	12.87	8.1	4.94	3.98	3.4	24	98.1	0.92	90.3	5,217	7.8	1.7	7.8	5.9	4.4	6.5
17.422	82.3	1	5:31 PM	103.6	6123	24.01	18.86	15.3	11.28	8.22	4.83	3.58	2.8	15	99.3	0.93	62.3	5,046	7.5	3.2	11.4	6.1	4.6	9.4
17.422	82.3	2	5:31 PM	103.6	6189	23.32	18.42	15	11.14	8.19	4.85	3.68	2.9	15	99.3	0.93	60.1	5,150	7.7	3.3	11.7	6.2	4.6	9.7
17.422	82.3	3	5:31 PM	103.6	7944	30.38	24.07	19.54	14.46	10.57	6.2	4.69	3.7	19	99.3	0.93	60.8	5,111	7.6	3.3	11.6	6.2	4.6	9.6
17.422	82.3	4	5:31 PM	103.6	8526	32.62	25.87	20.99	15.49	11.3	6.67	5.01	4	20	99.3	0.93	60.9	5,126	7.6	3.3	11.6	6.2	4.6	9.6
17.514	83.5	1	5:32 PM	110.2	6200	37.06	26.63	19.31	12.99	9.7	5.96	4.26	3.4	20	104.2	0.93	91.0	3,977	5.7	2.4	8.6	5.7	4.3	6.4
17.514	83.5	2	5:32 PM	110.2	6266	35.01	25.55	18.92	12.92	9.7	5.97	4.27	3.4	19	104.2	0.93	85.5	4,103	5.9	2.5	9.0	5.7	4.3	6.8
17.514	83.5	3	5:32 PM	110.2	7977	45.49	33.43	24.85	16.97	12.7	7.78	5.54	4.3	25	104.2	0.93	87.2	4,001	5.7	2.5	8.9	5.7	4.3	6.7
17.514	83.5	4	5:32 PM	110.2	8526	48.74	35.87	26.74	18.3	13.69	8.42	5.99	4.7	27	104.2	0.93	87.5	3,975	5.7	2.5	8.9	5.7	4.3	6.7
17.614	83.8	1	5:32 PM	107.4	6277	39.4	27.78	19.81	12.37	8.75	5.18	3.85	3.1	20	102.1	0.92	94.5	4,181	6.0	2.1	8.1	5.7	4.3	6.2
17.614	83.8	2	5:32 PM	107.4	6298	37	26.41	19.24	12.28	8.76	5.24	3.88	3.1	20	102.1	0.93	89.0	4,303	6.2	2.2	8.5	5.7	4.3	6.6
17.614	83.8	3	5:32 PM	107.4	8010	47.84	34.46	25.29	16.16	11.53	6.84	5.04	4	26	102.1	0.93	90.6	4,187	6.0	2.2	8.5	5.7	4.3	6.5
17.614	83.8	4	5:32 PM	107.4	8548	51.15	36.89	27.18	17.41	12.42	7.37	5.44	4.4	28	102.1	0.93	90.8	4,160	6.0	2.2	8.5	5.7	4.3	6.4
17.719	83.6	1	5:34 PM	103.0	6134	30.72	19.81	14.3	9.14	6.69	3.95	2.91	2.4	14	98.8	0.92	76.4	5,300	7.9	2.3	9.1	6.0	4.5	7.7
17.719	83.6	2	5:34 PM	103.0	6233	27.24	18.56	13.56	8.83	6.56	3.81	2.89	2.5	14	98.8	0.91	67.4	5,725	8.7	2.6	10.0	6.2	4.6	8.7
17.719	83.6	3	5:34 PM	103.0	8010	35.61	24.29	17.92	11.75	8.7	5.3	3.87	3.1	18	98.8	0.92	68.8	5,579	8.4	2.6	9.9	6.1	4.6	8.5
17.719	83.6	4	5:34 PM	103.0	8581	38.34	26.34	19.5	12.82	9.51	5.75	4.27	3.5	20	98.8	0.92	69.2	5,500	8.3	2.6	9.9	6.1	4.6	8.5
17.813	84.1	1	5:35 PM	100.8	6145	28.95	19.3	12.7	7.7	5.43	3.15	2.39	2	13	97.2	0.91	71.7	6,123	9.4	2.2	9.1	6.1	4.6	8.2
17.813	84.1	2	5:35 PM	100.8	6167	25.96	17.91	12.17	7.49	5.32	3.09	2.31	1.9	12	97.2	0.91	64.8	6,526	10.1	2.4	9.8	6.3	4.7	9.0
17.813	84.1	3	5:35 PM	100.8	8043	33.13	23.02	15.82	9.89	7.1	4.19	3.12	2.6	16	97.2	0.91	63.7	6,503	10.1	2.5	10.0	6.3	4.7	9.2
17.813	84.1	4	5:35 PM	100.8	8647	35.19	24.47	16.9	10.59	7.62	4.55	3.31	2.7	17	97.2	0.91	63.1	6,543	10.2	2.5	10.1	6.3	4.7	9.3
17.920	83.6	1	5:36 PM	99.8	6200	21.3	14.23	10.31	6.64	4.73	2.91	2.22	1.8	11	96.4	0.91	54.2	7,639	12.2	2.7	10.9	6.5	4.9	10.8
17.920	83.6	2	5:36 PM	99.8	6320	20.29	13.99	10.23	6.7	4.86	3.06	2.34	1.9	11	96.4	0.91	51.2	7,819	12.6	2.8	11.4	6.6	4.9	11.4
17.920	83.6	3	5:36 PM	99.8	8065	25.76	17.94	13.26	8.77	6.35	3.92	2.99	2.5	14	96.4	0.91	51.0	7,724	12.4	2.9	11.5	6.6	4.9	11.5
17.920	83.6	4	5:36 PM	99.8	8603	27.36	19.08	14.11	9.35	6.78	4.16	3.14	2.6	15	96.4	0.91	50.8	7,732	12.4	2.9	11.6	6.6	4.9	11.5
18.012	83.1	1	5:37 PM	87.2	6320	27.18	19.44	14.27	9.3	6.6	3.87	2.89	2.4	15	86.9	0.97	70.3	5,789	8.8	2.4	9.5	6.1	4.6	8.3
18.012	83.1	2	5:37 PM	87.2	6331	25.77	18.69	13.85	9.11	6.53	3.86	2.87	2.4	14	86.9	0.97	66.9	5,960	9.1	2.5	9.9	6.2	4.6	8.7
18.012	83.1	3	5:37 PM	87.2	8109	32.64	24.21	18.1	11.98	8.56	5.02	3.67	3	18	86.9	0.97	66.3	5,899	9.0	2.6	10.0	6.2	4.6	8.8
18.012	83.1	4	5:37 PM	87.2	8625	34.89	25.73	19.3	12.8	9.17	5.33	3.9	3.2	20	86.9	0.97	66.6	5,861	8.9	2.6	10.0	6.2	4.6	8.8
18.086	82.7	1	5:40 PM	102.8	6035	45.07	28.5	18.04	10.28	7	4.18	3	2.4	19	98.7	0.92	111.0	4,267	6.2	1.4	6.9	5.6	4.2	5.3
18.086	82.7	2	5:40 PM	102.8	6123	40.79	26.52	17.5	10.42	7.06	4.1	3.04	2.8	18	98.7	0.92	99.6	4,521	6.6	1.7	7.5	5.7	4.3	5.9
18.086	82.7	3	5:40 PM	102.8	8065	53.04	35.04	23.47	14.03	9.67	5.77	4.13	3.2	24	98.7	0.93	98.9	4,454	6.5	1.8	7.6	5.7	4.3	5.9
18.086	82.7	4	5:40 PM	102.8	8691	56.65	37.63	25.44	15.2	10.66	6.26	4.53	3.7	26	98.7	0.93	98.1	4,418	6.4	1.8	7.6	5.7	4.3	6.0
18.197	82.8	1	5:41 PM	102.6	6222	48.8	31.55	20.24	10.83	6.86	4.3	3.58	3	21	98.6	0.92	116.3	4,274	6.2	1.2	6.5	5.5	4.2	5.0
18.197	82.8	2	5:41 PM	102.6	6277	45.5	30.63	20.24	11.15	7.09	4.42	3.63	3	20	98.6	0.93	108.2	4,388	6.4	1.5	7.0	5.6	4.2	5.4
18.197	82.8	3	5:41 PM	102.6	8208	58.67	40.07	26.78	14.81	9.42	5.88	4.78	3.8	27	98.6	0.93	106.9	4,382	6.3	1.5	7.0	5.6	4.2	5.5
18.197	82.8	4	5:41 PM	102.6	8734	61.92	42.5	28.59	15.86	10.1	6.24	5.13	4.3	29	98.6	0.93	106.1	4,383	6.3	1.5	7.1	5.6	4.2	5.5

18.282	82.8	1	5:42 PM	103.7	6255	47.04	30.44	19.4	11.43	7.81	4.47	3.42	2.8	20	99.4	0.92	111.7	4,093	5.9	1.5	6.9	5.5	4.2	5.2
18.282	82.8	2	5:42 PM	103.7	6331	44.01	29.17	19.24	11.54	7.98	4.64	3.47	2.8	20	99.4	0.93	104.0	4,227	6.1	1.7	7.3	5.6	4.2	5.6
18.282	82.8	3	5:42 PM	103.7	8252	56.83	38.15	25.39	15.28	10.52	6.08	4.61	3.7	26	99.4	0.93	103.1	4,219	6.1	1.7	7.4	5.6	4.2	5.7
18.282	82.8	4	5:42 PM	103.7	8866	60.56	41.16	27.58	16.63	11.42	6.58	5	4	28	99.4	0.93	102.4	4,211	6.1	1.8	7.5	5.6	4.2	5.7
18.374	82.6	1	5:43 PM	105.0	6222	45.3	31.61	21.13	13.82	9.98	5.94	4.44	3.5	22	100.4	0.94	110.4	3,621	5.1	1.6	7.3	5.5	4.1	5.3
18.374	82.6	2	5:43 PM	105.0	6288	42.19	30.38	20.87	13.91	10.12	6.07	4.54	3.6	22	100.4	0.94	102.4	3,738	5.3	2.1	7.8	5.5	4.2	5.7
18.374	82.6	3	5:43 PM	105.0	8186	54.94	39.65	27.58	18.44	13.44	8.15	5.98	4.8	29	100.4	0.94	102.7	3,693	5.2	2.1	7.8	5.5	4.2	5.7
18.374	82.6	4	5:43 PM	105.0	8855	58.78	42.75	29.91	20.03	14.61	8.78	6.56	5.2	31	100.4	0.94	101.6	3,698	5.2	2.1	7.9	5.5	4.2	5.8
18.468	82.4	1	5:44 PM	108.5	6079	77.7	47.71	31.04	17.83	12.17	6.63	4.43	3.4	33	103.1	0.94	188.8	2,482	3.4	0.7	4.9	4.8	3.7	3.1
18.468	82.4	2	5:44 PM	108.5	6079	72.29	45.88	30.67	17.9	12.26	6.7	4.47	3.4	32	103.1	0.94	176.4	2,560	3.5	0.9	5.2	4.9	3.8	3.3
18.468	82.4	3	5:44 PM	108.5	7922	91.94	60.28	40.97	24.12	16.47	9.05	6.14	4.8	43	103.1	0.95	172.8	2,548	3.5	1.0	5.3	4.9	3.8	3.4
18.468	82.4	4	5:44 PM	108.5	8416	95.88	63.94	43.85	25.9	17.65	9.69	6.57	5.1	46	103.1	0.95	169.9	2,558	3.5	1.0	5.4	4.9	3.8	3.4


BIA 33
Allowable Spring Axle Load, Tons
20
18
16
14
12
10
8
6
4
2
0
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
AASHTO
TONN

BIA 33


Eff. Structural Number
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Eff. R-value
80
70
60
50
40
30
20
10
0
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

County:	Shannon County SD
Date Tested:	6/19/2008
Julian:	171
Highway	BIA 32
From:	Jct US 18 at Pine Ridge
To:	BIA 41
Dir	WB
Prev Day Temp	75 °F
Bit. Thickness	6.9 inches
Daily ESALs	5
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	44,343
Soil Type	P
Drought Adj.	1.00
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
19.31	15.39	12.56	9.42	7.44	4.73	3.26
	0.80	0.65	0.49	0.39	0.24	0.17

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_{360} mils	Esg psi	Eff. R-val	Eff SN inches	Axle Load for Design Defl. Tons			TONN Tons
					AASHTO	Soil Fact	Inv 183	
Avg. =	33.8	8,782	14.7	4.4	17.8	7.1	5.3	15.9
Median =	32.34	8,190	13.3	4.4	17.7	7.1	5.3	15.3
Std.Dev. =	10.39	2,991	6.4	0.7	3.5	0.4	0.3	4.5
85th % =	23.84	5,965	9.1	3.8	14.7	6.7	5.0	11.3

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
0.095	82.6	1	6:50 PM	103.9	6781	7.87	7.44	7.13	6.59	6.06	4.99	4.05	3.2	6.6	99.0	0.88	17.6	6,886	10.8	7.2	35.4	7.6	5.7	28.0
0.095	82.6	2	6:50 PM	103.9	6880	7.41	7.31	7.01	6.45	5.93	4.87	3.93	3.1	6.4	99.0	0.88	16.7	6,888	10.4	7.5	37.9	7.7	5.7	29.6
0.095	82.6	3	6:50 PM	103.9	8943	9.84	9.49	9.11	8.34	7.67	6.29	5.07	4	8.4	99.0	0.88	17.0	7,038	11.1	7.3	36.5	7.7	5.8	29.2
0.095	82.6	4	6:50 PM	103.9	9064	9.89	9.56	9.15	8.37	7.69	6.31	5.07	4	8.5	99.0	0.88	16.9	7,143	11.3	7.3	36.4	7.7	5.8	29.4
0.208	82	1	6:51 PM	102.6	6628	11.98	11.32	10.7	9.67	8.25	5.69	3.98	2.9	11	98.2	0.90	24.8	5,632	8.5	6.4	27.6	7.2	5.3	20.0
0.208	82	2	6:51 PM	102.6	6683	11.29	10.87	10.28	9.26	7.97	5.56	3.93	2.9	10	98.2	0.90	23.5	5,743	8.7	6.6	28.9	7.2	5.4	21.1
0.208	82	3	6:51 PM	102.6	8866	15.47	14.52	13.76	12.44	10.65	7.43	5.26	3.8	14	98.2	0.90	24.1	5,838	8.9	6.4	27.9	7.2	5.4	20.5
0.208	82	4	6:51 PM	102.6	8932	15.52	14.62	13.84	12.51	10.71	7.49	5.31	3.9	14	98.2	0.90	24.0	5,836	8.9	6.5	28.0	7.2	5.4	20.6
0.287	81.3	1	6:52 PM	101.1	6386	17.89	12.77	9.47	6.67	5.28	3.7	2.91	2.4	9	97.3	0.88	34.6	9,035	15.0	4.0	15.9	7.1	5.3	14.3
0.287	81.3	2	6:52 PM	101.1	6463	17.34	12.36	9.24	6.54	5.2	3.67	2.88	2.4	9	97.3	0.88	33.3	9,332	15.6	4.0	16.2	7.2	5.4	14.9
0.287	81.3	3	6:52 PM	101.1	8471	22.23	16.01	12.06	8.57	6.81	4.76	3.72	3	12	97.3	0.88	32.7	9,403	15.8	4.1	16.5	7.2	5.4	15.1
0.287	81.3	4	6:52 PM	101.1	8833	22.87	16.62	12.56	8.95	7.12	5	3.9	3.2	12	97.3	0.88	32.4	9,424	15.8	4.1	16.6	7.2	5.4	15.3
0.382	80.3	1	6:54 PM	97.3	6342	24.03	15.13	8.8	5.19	2.05	1.09	0.96	0.9	8.8	94.9	0.83	42.2	12,989	23.4	2.3	10.8	7.1	5.4	11.7
0.382	80.3	2	6:54 PM	97.3	6441	22.58	14.53	8.52	5.54	2.07	1.12	1	0.9	8.6	94.9	0.83	39.5	13,562	24.7	2.4	11.3	7.2	5.4	12.5
0.382	80.3	3	6:54 PM	97.3	8493	29.37	19.02	11.4	6.28	2.73	1.48	1.28	1.2	11	94.9	0.83	39.0	13,657	24.9	2.4	11.4	7.2	5.4	12.7
0.382	80.3	4	6:54 PM	97.3	8899	30.56	19.81	11.91	6	2.86	1.58	1.35	1.2	12	94.9	0.83	38.8	13,708	25.0	2.4	11.4	7.2	5.4	12.8
0.492	79.4	1	6:55 PM	99.1	6584	18.79	14.23	10.67	7.06	5.06	2.85	1.98	1.6	11	96.0	0.87	34.8	9,417	15.8	3.8	15.5	7.1	5.3	14.2
0.492	79.4	2	6:55 PM	99.1	6584	18.17	13.44	10.12	6.74	4.87	2.8	1.97	1.6	11	96.0	0.87	33.8	9,768	16.5	3.8	15.6	7.2	5.4	14.6
0.492	79.4	3	6:55 PM	99.1	8570	24.28	17.87	13.54	9.07	6.56	3.76	2.63	2.2	14	96.0	0.87	34.6	9,467	15.9	3.8	15.5	7.1	5.3	14.3
0.492	79.4	4	6:55 PM	99.1	8965	25.32	18.64	14.16	9.5	6.87	3.93	2.75	2.3	15	96.0	0.87	34.5	9,471	15.9	3.8	15.5	7.1	5.3	14.3
0.573	80.1	1	6:56 PM	101.2	6266	29.84	19.94	13.44	7.69	5.42	3.14	2.25	1.8	13	97.3	0.87	54.4	7,094	11.2	2.9	11.3	6.5	4.9	9.1
0.573	80.1	2	6:56 PM	101.2	6288	28.98	19.4	13.15	7.6	5.41	3.14	2.26	1.8	13	97.3	0.87	52.8	7,223	11.4	2.9	11.6	6.6	4.9	9.4
0.573	80.1	3	6:56 PM	101.2	8219	38.14	25.82	17.64	10.21	7.19	4.13	3	2.4	18	97.3	0.87	53.2	7,136	11.3	2.9	11.6	6.6	4.9	9.3
0.573	80.1	4	6:56 PM	101.2	8811	40.81	27.76	19.04	11.03	7.78	4.47	3.23	2.6	19	97.3	0.87	53.1	7,106	11.2	2.9	11.6	6.6	4.9	9.3

0.678	80	1	6:57 PM	102.0	6441	14.81	11.04	8.67	6.19	4.87	3.09	2.15	1.6	8.4	97.8	0.86	28.9	10,205	17.4	4.3	17.9	7.4	5.5	17.2
0.678	80	2	6:57 PM	102.0	6430	14.61	10.94	8.61	6.17	4.88	3.1	2.16	1.7	8.4	97.8	0.86	28.6	10,210	17.4	4.4	18.1	7.4	5.5	17.3
0.678	80	3	6:57 PM	102.0	8350	19.54	14.81	11.72	8.41	6.63	4.21	2.94	2.2	11	97.8	0.87	29.4	9,799	16.6	4.4	17.9	7.3	5.5	16.8
0.678	80	4	6:57 PM	102.0	8833	20.45	15.63	12.37	8.88	6.98	4.43	3.08	2.4	12	97.8	0.87	29.1	9,860	16.7	4.4	18.1	7.3	5.5	17.0
0.764	79.8	1	6:58 PM	103.3	6617	12.31	10.18	8.58	6.59	5.26	3.31	2.29	1.7	8.5	98.6	0.86	24.3	10,173	17.3	5.0	21.3	7.5	5.7	20.4
0.764	79.8	2	6:58 PM	103.3	6496	12.15	10.07	8.5	6.53	5.23	3.31	2.31	1.8	8.5	98.6	0.86	24.4	10,113	17.2	5.0	21.2	7.5	5.6	20.3
0.764	79.8	3	6:58 PM	103.3	8394	16.15	13.51	11.44	8.83	7.07	4.48	3.12	2.4	11	98.6	0.87	25.1	9,661	16.3	5.0	21.2	7.5	5.6	19.7
0.764	79.8	4	6:58 PM	103.3	8888	17.05	14.24	12.07	9.33	7.44	4.72	3.28	2.5	12	98.6	0.86	25.0	9,722	16.4	5.0	21.2	7.5	5.6	19.8
0.861	79.5	1	6:59 PM	101.3	6474	12.81	10.26	8.26	5.9	4.52	2.63	1.67	1.2	8	97.4	0.86	25.4	11,249	19.6	4.6	19.4	7.5	5.7	19.5
0.861	79.5	2	6:59 PM	101.3	6309	12.68	9.99	8	5.72	4.37	2.58	1.65	1.2	7.9	97.4	0.86	25.7	11,276	19.7	4.5	19.1	7.5	5.7	19.3
0.861	79.5	3	6:59 PM	101.3	8252	17.26	13.58	10.96	7.91	6.02	3.57	2.29	1.7	11	97.4	0.86	26.6	10,736	18.5	4.5	18.9	7.5	5.6	18.6
0.861	79.5	4	6:59 PM	101.3	8833	18.54	14.49	11.74	8.44	6.46	3.81	2.44	1.8	12	97.4	0.86	26.7	10,707	18.5	4.5	18.9	7.5	5.6	18.5
0.952	79.8	1	7:00 PM	100.9	6419	12.61	9.65	7.76	5.75	4.43	2.67	1.76	1.3	7.6	97.1	0.86	25.3	11,369	19.9	4.5	19.3	7.5	5.7	19.5
0.952	79.8	2	7:00 PM	100.9	6485	12.3	9.48	7.64	5.68	4.37	2.64	1.78	1.4	7.5	97.1	0.86	24.6	11,673	20.5	4.6	19.6	7.6	5.7	20.1
0.952	79.8	3	7:00 PM	100.9	8493	16.38	12.73	10.28	7.72	5.9	3.54	2.36	1.8	10	97.1	0.86	25.0	11,357	19.9	4.6	19.6	7.6	5.7	19.8
0.952	79.8	4	7:00 PM	100.9	8910	17.2	13.41	10.84	8.06	6.24	3.74	2.49	1.9	11	97.1	0.86	25.0	11,283	19.7	4.6	19.6	7.6	5.7	19.8
1.045	79.6	1	7:01 PM	101.5	6529	11.47	9.34	7.78	5.99	4.79	2.93	1.85	1.3	7.7	97.5	0.86	23.3	11,003	19.1	5.0	21.4	7.6	5.7	21.3
1.045	79.6	2	7:01 PM	101.5	6529	11.33	9.3	7.74	5.93	4.78	2.94	1.83	1.3	7.6	97.5	0.86	23.1	11,036	19.2	5.0	21.5	7.6	5.7	21.5
1.045	79.6	3	7:01 PM	101.5	8548	15.13	12.45	10.41	8.03	6.44	3.95	2.53	1.8	10	97.5	0.86	23.5	10,731	18.5	5.0	21.5	7.6	5.7	21.1
1.045	79.6	4	7:01 PM	101.5	8943	15.85	13.03	10.89	8.42	6.72	4.13	2.64	1.9	11	97.5	0.86	23.5	10,756	18.6	5.0	21.4	7.6	5.7	21.1
1.132	79.5	1	7:02 PM	100.9	6463	12.8	10.25	8.43	6.27	4.78	2.79	1.71	1.2	8.4	97.1	0.86	25.6	10,745	18.5	4.7	19.7	7.5	5.6	19.4
1.132	79.5	2	7:02 PM	100.9	6474	12.63	10.14	8.32	6.2	4.71	2.73	1.69	1.2	8.3	97.1	0.86	25.2	10,921	18.9	4.7	19.8	7.5	5.7	19.6
1.132	79.5	3	7:02 PM	100.9	8570	17.07	13.76	11.37	8.49	6.49	3.74	2.31	1.7	11	97.1	0.86	25.7	10,528	18.1	4.7	19.8	7.5	5.6	19.3
1.132	79.5	4	7:02 PM	100.9	8954	17.87	14.42	11.93	8.89	6.82	3.94	2.45	1.8	12	97.1	0.86	25.8	10,474	18.0	4.7	19.8	7.5	5.6	19.2
1.236	79.5	1	7:03 PM	100.6	6189	21.71	15.35	10.81	6.73	4.84	2.84	2.09	1.7	11	97.0	0.87	41.4	8,593	14.1	3.4	13.6	6.9	5.2	12.0
1.236	79.5	2	7:03 PM	100.6	6233	20.61	14.81	10.52	6.6	4.78	2.83	2.08	1.7	10	97.0	0.87	39.3	8,907	14.7	3.5	14.1	7.0	5.2	12.6
1.236	79.5	3	7:03 PM	100.6	8241	27.65	19.93	14.25	8.97	6.49	3.83	2.83	2.3	14	97.0	0.87	39.8	8,716	14.4	3.5	14.0	7.0	5.2	12.4
1.236	79.5	4	7:03 PM	100.6	8822	29.55	21.32	15.28	9.65	6.94	4.08	3.01	2.4	15	97.0	0.87	39.8	8,728	14.4	3.5	14.0	7.0	5.2	12.4
1.323	79.5	1	7:04 PM	101.6	6683	16.64	13.61	11.36	8.55	6.58	3.97	2.65	1.9	11	97.6	0.88	31.4	8,147	13.2	4.6	18.4	7.2	5.3	15.8
1.323	79.5	2	7:04 PM	101.6	6562	16.17	13.37	11.13	8.44	6.56	3.96	2.6	2	11	97.6	0.88	31.1	8,051	13.0	4.7	18.6	7.2	5.3	15.9
1.323	79.5	3	7:04 PM	101.6	8328	21.5	17.8	14.85	11.3	8.79	5.3	3.47	2.6	15	97.6	0.88	32.5	7,633	12.2	4.6	18.3	7.1	5.3	15.2
1.323	79.5	4	7:04 PM	101.6	8811	22.8	18.74	15.67	11.91	9.22	5.57	3.65	2.7	16	97.6	0.88	32.5	7,689	12.3	4.6	18.2	7.1	5.3	15.2
1.427	79.1	1	7:05 PM	100.8	6342	23.08	17.61	13.23	9.17	6.94	4.08	2.61	1.9	13	97.1	0.89	43.7	6,868	10.8	3.8	14.3	6.7	5.0	11.3
1.427	79.1	2	7:05 PM	100.8	6331	22.89	17.37	13.13	9.14	6.96	4.1	2.62	1.9	13	97.1	0.89	43.5	6,860	10.8	3.8	14.4	6.7	5.0	11.4
1.427	79.1	3	7:05 PM	100.8	8054	30.61	23.58	17.9	12.57	9.55	5.62	3.67	2.7	18	97.1	0.89	45.6	6,410	9.9	3.8	14.1	6.7	5.0	10.8
1.427	79.1	4	7:05 PM	100.8	8713	33.07	25.61	19.52	13.72	10.41	6.13	3.99	2.9	19	97.1	0.89	45.6	6,378	9.9	3.8	14.2	6.7	5.0	10.9
1.514	78.7	1	7:06 PM	99.8	6529	22.64	19.22	16.57	13.01	10.66	6.69	4.36	2.9	15	96.5	0.92	43.4	4,959	7.3	4.6	16.7	6.5	4.9	11.4
1.514	78.7	2	7:06 PM	99.8	6452	22.15	18.71	16.09	12.75	10.33	6.63	4.3	3	16	96.5	0.92	43.0	5,061	7.5	4.6	16.7	6.6	4.9	11.5
1.514	78.7	3	7:06 PM	99.8	8175	29.73	24.94	21.48	17.02	13.87	8.78	5.69	4	21	96.5	0.92	45.3	4,776	7.0	4.6	16.2	6.5	4.8	10.9
1.514	78.7	4	7:06 PM	99.8	8625	31.98	26.88	23.16	18.36	14.91	9.46	6.12	4.3	22	96.5	0.92	46.2	4,688	6.9	4.5	16.0	6.4	4.8	10.7
1.627	78.4	1	7:07 PM	100.2	6211	22.22	16.97	12.91	8.67	6.32	3.63	2.52	1.9	13	96.7	0.88	42.9	7,251	11.5	3.7	14.2	6.8	5.1	11.5
1.627	78.4	2	7:07 PM	100.2	6145	21.54	16.55	12.65	8.54	6.25	3.62	2.53	2	12	96.7	0.88	42.2	7,303	11.6	3.8	14.4	6.8	5.1	11.7
1.627	78.4	3	7:07 PM	100.2	8076	28.86	22.29	17.12	11.6	8.41	4.81	3.36	2.7	17	96.7	0.89	42.9	7,144	11.3	3.7	14.3	6.8	5.1	11.5
1.627	78.4	4	7:07 PM	100.2	8702	31.07	24.02	18.49	12.54	9.09	5.14	3.62	2.9	18	96.7	0.88	42.8	7,130	11.3	3.8	14.3	6.8	5.1	11.6

1.713	78.7	1	7:08 PM	100.7	6474	16.59	12.52	9.83	6.87	5.26	3.01	1.96	1.5	9.7	97.0	0.87	31.7	9,400	15.7	4.2	17.0	7.2	5.4	15.6
1.713	78.7	2	7:08 PM	100.7	6298	16.37	12.22	9.61	6.76	5.17	2.98	1.92	1.4	9.5	97.0	0.87	32.1	9,294	15.5	4.2	16.9	7.2	5.4	15.4
1.713	78.7	3	7:08 PM	100.7	8307	22.2	16.66	13.31	9.3	7.13	4.1	2.64	1.9	13	97.0	0.87	33.0	8,931	14.8	4.2	16.7	7.2	5.4	15.0
1.713	78.7	4	7:08 PM	100.7	8800	23.78	17.98	14.19	9.92	7.6	4.37	2.81	2.1	14	97.0	0.87	33.3	8,864	14.7	4.2	16.6	7.1	5.3	14.9
1.806	78.8	1	7:09 PM	101.7	6309	17.34	12.88	10.13	7.34	5.66	3.54	2.45	1.8	10	97.6	0.88	33.9	8,584	14.1	4.2	16.6	7.1	5.3	14.6
1.806	78.8	2	7:09 PM	101.7	6331	17.07	12.73	10.02	7.28	5.62	3.53	2.46	1.8	10	97.6	0.87	33.3	8,696	14.3	4.2	16.8	7.1	5.3	14.8
1.806	78.8	3	7:09 PM	101.7	8318	23.36	17.44	13.73	9.97	7.69	4.84	3.37	2.5	14	97.6	0.88	34.6	8,348	13.6	4.2	16.5	7.1	5.3	14.3
1.806	78.8	4	7:09 PM	101.7	8724	24.67	18.33	14.45	10.48	8.07	5.07	3.52	2.6	15	97.6	0.88	34.8	8,329	13.6	4.1	16.4	7.1	5.3	14.2
1.889	79.2	1	7:10 PM	98.9	6189	21.39	15.95	12.04	8.03	5.54	2.52	1.23	0.7	12	95.9	0.87	40.9	7,970	12.9	3.6	14.3	6.9	5.1	12.1
1.889	79.2	2	7:10 PM	98.9	6309	20.76	15.56	11.79	7.88	5.48	2.53	1.24	0.7	11	95.9	0.87	39.1	8,273	13.5	3.7	14.6	6.9	5.2	12.6
1.889	79.2	3	7:10 PM	98.9	8285	28.19	20.93	15.7	10.39	7.05	3.24	1.55	0.9	15	95.9	0.87	40.2	8,272	13.5	3.6	14.2	6.9	5.2	12.3
1.889	79.2	4	7:10 PM	98.9	8745	29.86	22.25	16.63	11.02	7.53	3.42	1.63	1	16	95.9	0.87	40.3	8,202	13.3	3.6	14.3	6.9	5.2	12.3
1.987	78.7	1	7:11 PM	100.6	6518	15.05	11.05	8.1	5.52	4.02	2.19	1.44	1.1	7.9	96.9	0.85	28.4	11,701	20.6	4.0	17.0	7.4	5.6	17.4
1.987	78.7	2	7:11 PM	100.6	6298	14.61	10.62	7.79	5.28	3.87	2.12	1.45	1.1	7.7	96.9	0.85	28.5	11,709	20.6	4.0	16.9	7.4	5.6	17.3
1.987	78.7	3	7:11 PM	100.6	8318	20.18	14.89	11.02	7.34	5.31	2.97	2.01	1.6	11	96.9	0.85	29.7	11,241	19.6	4.0	16.5	7.4	5.5	16.6
1.987	78.7	4	7:11 PM	100.6	8756	21.45	15.8	11.75	7.81	5.65	3.15	2.13	1.6	11	96.9	0.85	30.0	11,127	19.4	4.0	16.5	7.4	5.5	16.5
2.089	79	1	7:12 PM	100.3	6430	18.02	12.85	9.37	6.31	4.52	2.51	1.65	1.3	9.7	96.7	0.86	33.8	10,026	17.0	3.8	15.4	7.2	5.4	14.6
2.089	79	2	7:12 PM	100.3	6266	17.56	12.57	9.11	6.17	4.41	2.45	1.62	1.2	9.5	96.7	0.86	33.8	10,018	17.0	3.8	15.4	7.2	5.4	14.6
2.089	79	3	7:12 PM	100.3	8142	24.43	17.63	12.85	8.44	5.94	3.33	2.27	1.8	13	96.7	0.86	35.9	9,543	16.0	3.7	14.9	7.1	5.3	13.8
2.089	79	4	7:12 PM	100.3	8702	26.13	18.96	13.83	9.05	6.42	3.55	2.43	1.9	14	96.7	0.86	36.0	9,476	15.9	3.7	14.9	7.1	5.3	13.8
2.186	78.4	1	7:13 PM	97.5	6375	21.68	16.31	12.64	9.09	7.04	4.6	3.3	2.5	13	95.0	0.91	42.1	6,963	11.0	3.9	14.8	6.8	5.1	11.8
2.186	78.4	2	7:13 PM	97.5	6298	21.37	16.15	12.55	9.05	7.04	4.61	3.31	2.6	13	95.0	0.91	42.1	6,907	10.8	3.9	14.8	6.8	5.1	11.8
2.186	78.4	3	7:13 PM	97.5	8010	29.15	22.17	17.22	12.39	9.58	6.24	4.5	3.5	18	95.0	0.91	44.9	6,451	10.0	3.8	14.4	6.7	5.0	11.0
2.186	78.4	4	7:13 PM	97.5	8658	31.76	24.21	18.83	13.51	10.43	6.77	4.87	3.8	19	95.0	0.91	45.2	6,403	9.9	3.8	14.3	6.7	5.0	11.0
2.274	78.1	1	7:14 PM	99.2	6397	20.65	15.81	12.17	8.66	6.59	4.32	3.13	2.4	12	96.1	0.90	39.8	7,428	11.8	3.9	15.2	6.9	5.1	12.4
2.274	78.1	2	7:14 PM	99.2	6298	20.33	15.63	12.07	8.6	6.59	4.33	3.13	2.4	12	96.1	0.90	39.8	7,346	11.7	4.0	15.2	6.9	5.1	12.4
2.274	78.1	3	7:14 PM	99.2	8197	27.77	21.41	16.51	11.77	8.89	5.83	4.31	3.3	17	96.1	0.90	41.6	7,061	11.1	3.9	14.8	6.8	5.1	11.9
2.274	78.1	4	7:14 PM	99.2	8767	29.98	23.07	17.78	12.62	9.53	6.22	4.57	3.5	18	96.1	0.90	42.0	7,031	11.1	3.9	14.7	6.8	5.1	11.8
2.379	78.1	1	7:15 PM	97.7	6661	15.12	11.75	9.41	6.89	5.39	3.5	2.53	2	9	95.1	0.89	29.4	9,727	16.4	4.4	18.0	7.3	5.5	16.8
2.379	78.1	2	7:15 PM	97.7	6573	14.99	11.69	9.37	6.89	5.42	3.54	2.56	2	9	95.1	0.89	29.5	9,575	16.1	4.4	18.1	7.3	5.5	16.8
2.379	78.1	3	7:15 PM	97.7	8307	20.35	15.89	12.75	9.36	7.35	4.79	3.44	2.7	12	95.1	0.89	31.5	8,921	14.8	4.4	17.6	7.2	5.4	15.7
2.379	78.1	4	7:15 PM	97.7	8691	21.41	16.72	13.43	9.85	7.71	5	3.59	2.8	13	95.1	0.89	31.6	8,893	14.7	4.3	17.5	7.2	5.4	15.7
2.464	78.3	1	7:16 PM	97.4	6474	17.19	13.54	11.12	7.94	6.09	3.85	2.76	2.1	11	94.9	0.90	33.7	8,357	13.6	4.3	16.9	7.1	5.3	14.7
2.464	78.3	2	7:16 PM	97.4	6364	16.87	13.34	10.96	7.82	6.06	3.83	2.77	2.2	11	94.9	0.90	33.7	8,281	13.5	4.3	17.0	7.1	5.3	14.7
2.464	78.3	3	7:16 PM	97.4	8252	22.88	18.09	14.84	10.61	8.15	5.12	3.69	2.9	15	94.9	0.90	35.1	7,969	12.9	4.2	16.6	7.0	5.3	14.1
2.464	78.3	4	7:16 PM	97.4	8833	24.56	19.41	15.96	11.35	8.7	5.44	3.9	3	16	94.9	0.90	35.1	7,981	12.9	4.2	16.6	7.0	5.3	14.1
2.563	78.4	1	7:18 PM	99.2	6606	9.11	6.05	4.07	2.19	1.27	0.51	0.32	0.3	3.9	96.0	0.77	17.3	28,097	61.4	3.6	17.4	8.2	6.5	28.6
2.563	78.4	2	7:18 PM	99.2	6573	8.74	5.91	3.98	2.19	1.25	0.51	0.31	0.3	3.9	96.0	0.77	16.8	28,768	63.2	3.6	17.6	8.3	6.6	29.4
2.563	78.4	3	7:18 PM	99.2	8460	12.11	7.79	5.27	2.87	1.66	0.66	0.44	0.4	5	96.0	0.77	17.8	27,300	59.2	3.6	17.2	8.2	6.5	27.8
2.563	78.4	4	7:18 PM	99.2	8767	15.17	8.19	5.54	3.01	1.76	0.74	0.47	0.4	5.4	96.0	0.77	20.6	24,523	51.7	3.3	15.7	8.0	6.3	24.0
2.657	78.2	1	7:19 PM	98.0	6408	11.26	8.44	6.44	4.02	2.73	1.19	0.63	0.4	6.5	95.3	0.83	22.4	16,324	31.1	4.1	18.1	7.8	6.0	22.1
2.657	78.2	2	7:19 PM	98.0	6364	10.94	8.26	6.3	3.95	2.67	1.14	0.62	0.5	6.3	95.3	0.83	21.9	16,620	31.8	4.1	18.3	7.8	6.0	22.6
2.657	78.2	3	7:19 PM	98.0	8372	14.11	10.65	8.12	5.09	3.43	1.52	0.79	0.6	8.2	95.3	0.83	21.6	16,993	32.7	4.1	18.3	7.9	6.0	22.9
2.657	78.2	4	7:19 PM	98.0	8899	15.02	11.3	8.6	5.39	3.65	1.59	0.83	0.6	8.6	95.3	0.83	21.6	16,971	32.6	4.1	18.3	7.9	6.0	22.9

2.749	78.2	1	7:20 PM	96.6	6002	27.99	17.7	11.53	6.52	4.19	2.1	1.36	1	12	94.4	0.87	53.5	8,016	13.0	2.6	10.9	6.6	5.0	9.3
2.749	78.2	2	7:20 PM	96.6	6068	26.5	17.06	11.14	6.39	4.16	2.09	1.37	1	12	94.4	0.87	50.4	8,353	13.6	2.7	11.3	6.7	5.0	9.8
2.749	78.2	3	7:20 PM	96.6	7999	35.7	23.03	15.05	8.47	5.47	2.73	1.79	1.4	16	94.4	0.87	51.3	8,277	13.5	2.7	11.2	6.7	5.0	9.6
2.749	78.2	4	7:20 PM	96.6	8689	38.7	25.04	16.51	9.17	5.93	2.95	1.94	1.5	17	94.4	0.87	51.3	8,274	13.5	2.7	11.2	6.7	5.0	9.6
2.845	78.8	1	7:21 PM	96.5	6331	14	9.95	6.84	3.89	2.46	1.06	0.59	0.4	6.5	94.4	0.83	26.9	15,553	29.3	3.5	15.4	7.6	5.8	18.4
2.845	78.8	2	7:21 PM	96.5	6211	13.48	9.52	6.57	3.75	2.39	1.04	0.58	0.4	6.3	94.4	0.83	26.5	15,769	29.8	3.5	15.5	7.6	5.8	18.7
2.845	78.8	3	7:21 PM	96.5	8076	17.24	12.2	8.41	4.8	3.04	1.31	0.73	0.5	8	94.4	0.83	26.1	16,080	30.5	3.5	15.6	7.6	5.8	19.0
2.845	78.8	4	7:21 PM	96.5	8702	18.43	12.92	8.91	5.07	3.22	1.38	0.78	0.6	8.6	94.4	0.83	25.9	16,287	31.0	3.5	15.6	7.7	5.9	19.1
2.930	78.6	1	7:22 PM	96.4	6397	12.05	8.94	6.66	4.21	2.76	1.23	0.62	0.4	6.8	94.3	0.84	23.9	15,752	29.7	3.9	17.2	7.7	5.9	20.7
2.930	78.6	2	7:22 PM	96.4	6331	11.77	8.69	6.48	4.11	2.69	1.21	0.62	0.4	6.6	94.3	0.84	23.7	15,981	30.3	3.9	17.3	7.7	5.9	20.9
2.930	78.6	3	7:22 PM	96.4	8263	14.93	11.07	8.26	5.22	3.4	1.52	0.77	0.5	8.4	94.3	0.84	23.1	16,476	31.5	3.9	17.4	7.8	6.0	21.4
2.930	78.6	4	7:22 PM	96.4	8888	15.84	11.73	8.76	5.52	3.59	1.6	0.81	0.5	8.8	94.3	0.84	22.8	16,752	32.1	3.9	17.5	7.8	6.0	21.7
3.027	78.4	1	7:23 PM	97.9	6298	20.14	14.13	10.46	7.17	5.33	3.04	2	1.5	11	95.2	0.88	38.9	8,499	13.9	3.7	14.5	7.0	5.2	12.7
3.027	78.4	2	7:23 PM	97.9	6101	18.98	13.54	10.06	6.88	5.13	2.99	2.02	1.4	10	95.2	0.88	38.0	8,619	14.2	3.7	14.8	7.0	5.2	13.0
3.027	78.4	3	7:23 PM	97.9	8120	26.17	18.6	13.88	9.52	7.08	4.06	2.67	2	14	95.2	0.89	39.2	8,315	13.6	3.7	14.6	6.9	5.2	12.6
3.027	78.4	4	7:23 PM	97.9	8691	28.22	20.09	14.99	10.27	7.68	4.41	2.92	2	16	95.2	0.89	39.5	8,221	13.4	3.7	14.5	6.9	5.2	12.5
3.141	77.7	1	7:24 PM	96.0	6079	20.63	15.76	12.52	9.16	7.22	4.74	3.5	2.6	12	94.0	0.92	42.5	6,600	10.3	4.0	15.0	6.7	5.0	11.7
3.141	77.7	2	7:24 PM	96.0	6167	19.98	15.56	12.39	9.12	7.16	4.73	3.48	2.6	12	94.0	0.92	40.8	6,788	10.6	4.1	15.4	6.8	5.1	12.1
3.141	77.7	3	7:24 PM	96.0	8164	27.45	21.44	17.08	12.56	9.8	6.43	4.71	3.7	17	94.0	0.92	42.2	6,560	10.2	4.0	15.2	6.7	5.0	11.7
3.141	77.7	4	7:24 PM	96.0	8702	29.65	23.04	18.33	13.44	10.48	6.86	5.02	3.9	18	94.0	0.92	42.7	6,523	10.1	4.0	15.0	6.7	5.0	11.6
3.248	77.1	1	7:26 PM	95.4	6408	13.02	10.17	8.27	6.14	4.87	3.23	2.3	1.8	8.5	93.7	0.90	27.1	10,460	17.9	4.5	18.8	7.4	5.6	18.2
3.248	77.1	2	7:26 PM	95.4	6529	12.99	10.17	8.28	6.22	4.92	3.28	2.36	1.8	8.5	93.7	0.90	26.7	10,573	18.2	4.5	19.0	7.5	5.6	18.5
3.248	77.1	3	7:26 PM	95.4	8493	17.33	13.6	11.1	8.32	6.57	4.35	3.1	2.4	11	93.7	0.90	27.3	10,302	17.6	4.5	18.9	7.4	5.6	18.2
3.248	77.1	4	7:26 PM	95.4	8921	18.26	14.31	11.67	8.75	6.88	4.57	3.24	2.5	12	93.7	0.90	27.3	10,322	17.7	4.5	18.8	7.4	5.6	18.1
3.321	76.8	1	7:26 PM	96.6	6617	12.89	9.46	7.08	4.87	3.72	2.39	1.67	1.3	7	94.4	0.87	25.6	13,189	23.9	4.1	17.7	7.6	5.8	19.4
3.321	76.8	2	7:26 PM	96.6	6540	12.52	9.25	6.93	4.8	3.69	2.37	1.66	1.2	6.8	94.4	0.87	25.2	13,233	24.0	4.2	17.9	7.6	5.8	19.6
3.321	76.8	3	7:26 PM	96.6	8383	17.08	12.7	9.6	6.71	5.09	3.22	2.27	1.8	9.5	94.4	0.88	26.6	12,342	22.0	4.1	17.6	7.5	5.7	18.6
3.321	76.8	4	7:26 PM	96.6	8866	18.07	13.5	10.21	7.12	5.42	3.43	2.42	1.8	10	94.4	0.88	26.6	12,283	21.9	4.2	17.7	7.5	5.7	18.6
3.409	77.2	1	7:27 PM	95.7	6562	15.38	12.41	10.23	7.68	6.17	4.03	2.83	2.1	10	93.8	0.91	30.7	8,548	14.0	4.5	18.3	7.2	5.4	16.1
3.409	77.2	2	7:27 PM	95.7	6430	15.3	12.36	10.19	7.7	6.19	4.05	2.86	2.2	10	93.8	0.91	31.2	8,358	13.7	4.6	18.3	7.2	5.4	15.9
3.409	77.2	3	7:27 PM	95.7	8350	20.81	16.78	13.85	10.45	8.38	5.49	3.89	2.9	14	93.8	0.91	32.5	8,013	13.0	4.5	17.9	7.1	5.3	15.3
3.409	77.2	4	7:27 PM	95.7	8811	21.97	17.75	14.66	11.07	8.84	5.82	4.11	3.1	15	93.8	0.91	32.5	8,015	13.0	4.5	17.9	7.1	5.3	15.2
3.511	77.4	1	7:28 PM	98.4	6540	19.93	16.47	13.42	9.74	7.56	4.61	3.18	2.4	13	95.5	0.90	38.1	6,894	10.8	4.3	16.4	6.9	5.1	13.0
3.511	77.4	2	7:28 PM	98.4	6441	19.79	16.4	13.34	9.78	7.58	4.65	3.21	2.4	13	95.5	0.90	38.5	6,784	10.6	4.3	16.4	6.8	5.1	12.9
3.511	77.4	3	7:28 PM	98.4	8230	26.47	21.9	17.83	13.12	10.11	6.09	4.21	3.2	17	95.5	0.91	40.1	6,495	10.1	4.2	16.0	6.8	5.1	12.4
3.511	77.4	4	7:28 PM	98.4	8778	28.3	23.39	19.02	14.03	10.81	6.49	4.52	3.5	19	95.5	0.91	40.1	6,480	10.1	4.2	16.0	6.8	5.1	12.3
3.599	77.2	1	7:29 PM	95.6	6518	18.08	14.49	11.61	8.28	6.26	3.7	2.47	1.9	11	93.8	0.90	35.2	8,141	13.2	4.2	16.4	7.0	5.3	14.1
3.599	77.2	2	7:29 PM	95.6	6419	18.07	14.24	11.41	8.19	6.18	3.67	2.45	1.9	11	93.8	0.90	35.7	8,097	13.1	4.1	16.2	7.0	5.2	13.9
3.599	77.2	3	7:29 PM	95.6	8230	24.82	19.8	15.85	11.33	8.53	5	3.28	2.5	16	93.8	0.91	37.9	7,530	12.0	4.1	15.8	6.9	5.2	13.0
3.599	77.2	4	7:29 PM	95.6	8713	26.89	21.3	17.14	12.18	9.18	5.37	3.53	2.7	17	93.8	0.91	38.7	7,395	11.8	4.0	15.6	6.9	5.1	12.8
3.697	77.1	1	7:31 PM	96.2	6639	18.73	14.16	10.83	7.56	5.7	3.35	2.29	1.7	11	94.1	0.89	35.4	8,786	14.5	3.9	15.7	7.1	5.3	14.0
3.697	77.1	2	7:31 PM	96.2	6529	18.37	13.8	10.64	7.45	5.64	3.35	2.31	1.8	11	94.1	0.89	35.3	8,756	14.4	4.0	15.8	7.1	5.3	14.0
3.697	77.1	3	7:31 PM	96.2	8318	25.01	19.05	14.69	10.32	7.8	4.6	3.17	2.4	15	94.1	0.90	37.5	8,104	13.2	3.9	15.4	7.0	5.2	13.2
3.697	77.1	4	7:31 PM	96.2	8713	26.52	20.08	15.46	10.88	8.23	4.83	3.33	2.5	16	94.1	0.90	37.9	8,034	13.0	3.9	15.3	7.0	5.2	13.1

3.805	77.5	1	7:32 PM	95.4	6595	18.78	14.34	10.98	7.47	5.63	3.34	2.27	1.7	11	93.6	0.90	35.8	8,794	14.5	3.9	15.5	7.1	5.3	13.8
3.805	77.5	2	7:32 PM	95.4	6551	18.58	14.16	10.86	7.4	5.57	3.32	2.22	1.7	11	93.6	0.90	35.7	8,830	14.6	3.9	15.6	7.1	5.3	13.9
3.805	77.5	3	7:32 PM	95.4	8230	25.23	19.29	14.82	10.09	7.6	4.51	3.08	2.3	15	93.6	0.90	38.3	8,142	13.2	3.8	15.1	7.0	5.2	12.9
3.805	77.5	4	7:32 PM	95.4	8702	27.26	20.86	16.03	10.93	8.21	4.83	3.28	2.5	16	93.6	0.90	39.0	7,969	12.9	3.8	14.9	6.9	5.2	12.7
3.891	76.5	1	7:33 PM	95.2	6134	32.27	23.15	16.07	9.6	6.73	3.7	2.42	1.7	17	93.5	0.91	62.1	5,952	9.1	2.8	10.8	6.3	4.7	8.0
3.891	76.5	2	7:33 PM	95.2	6101	31.1	22.57	15.8	9.5	6.65	3.7	2.42	1.8	16	93.5	0.91	60.3	6,057	9.3	2.9	11.0	6.4	4.8	8.2
3.891	76.5	3	7:33 PM	95.2	7944	41.18	30.07	21.25	12.83	8.94	4.95	3.25	2.4	22	93.5	0.91	61.3	5,905	9.0	2.9	10.9	6.3	4.7	8.1
3.891	76.5	4	7:33 PM	95.2	8614	44.93	32.77	23.3	14.08	9.78	5.4	3.54	2.6	24	93.5	0.91	61.7	5,859	8.9	2.9	10.9	6.3	4.7	8.0
3.984	76.3	1	7:34 PM	92.1	6386	24.76	17.4	12.43	7.86	5.64	3.24	2.25	1.7	12	91.6	0.91	47.5	7,678	12.3	3.2	12.5	6.7	5.0	10.4
3.984	76.3	2	7:34 PM	92.1	6255	23.48	16.65	11.99	7.63	5.48	3.19	2.2	1.7	12	91.6	0.91	46.2	7,817	12.6	3.2	12.7	6.8	5.0	10.7
3.984	76.3	3	7:34 PM	92.1	8076	31.19	22.5	16.35	10.48	7.51	4.31	2.97	2.3	16	91.6	0.91	47.5	7,458	11.9	3.3	12.7	6.7	5.0	10.4
3.984	76.3	4	7:34 PM	92.1	8658	33.23	24.13	17.61	11.26	8.08	4.64	3.19	2.4	18	91.6	0.92	47.2	7,460	11.9	3.3	12.8	6.7	5.0	10.5
4.077	75.7	1	7:35 PM	97.7	6331	24.15	17.01	12.31	8.31	6.3	3.66	2.61	1.9	13	95.0	0.89	45.9	7,189	11.4	3.5	13.3	6.7	5.0	10.8
4.077	75.7	2	7:35 PM	97.7	6255	23.43	16.77	12.26	8.28	6.21	3.77	2.57	1.9	12	95.0	0.90	45.3	7,248	11.5	3.5	13.5	6.7	5.0	10.9
4.077	75.7	3	7:35 PM	97.7	7977	32.16	23.13	16.93	11.37	8.49	4.98	3.43	2.5	17	95.0	0.90	48.4	6,751	10.6	3.4	13.0	6.6	4.9	10.2
4.077	75.7	4	7:35 PM	97.7	8691	35.46	25.52	18.62	12.46	9.3	5.5	3.72	2.8	19	95.0	0.90	49.0	6,698	10.5	3.4	12.9	6.6	4.9	10.1
4.158	75.3	1	7:36 PM	97.3	5980	46.42	29.48	18.42	11.34	8.26	5.3	3.76	2.9	19	94.8	0.92	90.0	4,401	6.4	2.1	8.4	5.8	4.4	5.5
4.158	75.3	2	7:36 PM	97.3	5936	43.47	28.44	18.07	11.29	8.28	5.31	3.78	3	18	94.8	0.92	85.3	4,497	6.5	2.3	8.8	5.9	4.4	5.8
4.158	75.3	3	7:36 PM	97.3	7791	56.76	38	24.53	15.39	11.23	7.15	5.06	3.9	25	94.8	0.92	85.0	4,427	6.4	2.3	8.9	5.9	4.4	5.8
4.158	75.3	4	7:36 PM	97.3	8460	60.76	41.2	26.69	16.77	12.19	7.74	5.5	4.3	27	94.8	0.92	83.9	4,456	6.5	2.4	9.0	5.9	4.4	5.9
4.266	75.4	1	7:37 PM	94.2	6496	18.07	14.04	11.14	8.04	6.13	3.26	2.31	1.7	11	92.9	0.90	35.3	8,244	13.4	4.1	16.3	7.0	5.3	14.0
4.266	75.4	2	7:37 PM	94.2	6375	17.75	13.85	11.11	7.96	6.08	3.26	2.31	1.8	11	92.9	0.90	35.4	8,177	13.3	4.1	16.3	7.0	5.3	14.0
4.266	75.4	3	7:37 PM	94.2	8274	24.41	19.06	15.33	10.99	8.38	4.47	3.2	2.4	15	92.9	0.91	37.2	7,704	12.4	4.1	15.9	7.0	5.2	13.3
4.266	75.4	4	7:37 PM	94.2	8713	25.91	20.19	16.24	11.63	8.85	4.7	3.37	2.6	16	92.9	0.91	37.5	7,672	12.3	4.1	15.8	6.9	5.2	13.2
4.347	75	1	7:38 PM	94.7	6364	14.93	11.93	9.52	7.22	5.83	3.89	2.73	2	9.3	93.2	0.91	30.9	8,742	14.4	4.5	18.0	7.2	5.4	16.0
4.347	75	2	7:38 PM	94.7	6277	14.47	11.75	9.41	7.15	5.78	3.87	2.74	2	9.3	93.2	0.91	30.5	8,724	14.4	4.5	18.3	7.2	5.4	16.2
4.347	75	3	7:38 PM	94.7	8339	20.22	16.31	13.08	9.93	7.99	5.35	3.78	2.8	13	93.2	0.91	31.8	8,372	13.7	4.5	17.9	7.2	5.3	15.5
4.347	75	4	7:38 PM	94.7	8789	21.5	17.26	13.81	10.5	8.43	5.64	3.97	3	14	93.2	0.91	32.1	8,354	13.6	4.4	17.8	7.1	5.3	15.4
4.459	76	1	7:39 PM	97.2	6397	20.68	16.1	13.23	10.15	8.17	5.16	3.57	2.5	14	94.7	0.91	40.6	6,281	9.7	4.3	16.0	6.7	5.0	12.2
4.459	76	2	7:39 PM	97.2	6320	20.33	16	13.18	10.17	8.13	5.15	3.61	2.6	13	94.7	0.92	40.5	6,246	9.6	4.3	16.1	6.7	5.0	12.2
4.459	76	3	7:39 PM	97.2	8263	27.14	21.36	17.62	13.58	10.86	6.96	4.72	3.3	18	94.7	0.92	41.3	6,114	9.4	4.3	16.0	6.7	5.0	12.0
4.459	76	4	7:39 PM	97.2	8844	29.11	23.01	19.02	14.56	11.69	7.48	5.02	3.5	19	94.7	0.92	41.4	6,082	9.3	4.3	16.0	6.7	5.0	12.0
4.545	76	1	7:40 PM	96.3	6441	19.28	15.03	12.19	8.97	6.91	4.12	2.86	2.1	12	94.1	0.91	37.7	7,346	11.7	4.2	16.1	6.9	5.2	13.1
4.545	76	2	7:40 PM	96.3	6331	18.87	14.76	12.01	8.84	6.83	4.15	2.77	2.1	12	94.1	0.91	37.6	7,321	11.6	4.2	16.1	6.9	5.2	13.2
4.545	76	3	7:40 PM	96.3	8318	25.48	20.09	16.37	12.04	9.28	5.63	3.76	2.8	16	94.1	0.91	38.6	7,088	11.2	4.2	16.0	6.9	5.1	12.8
4.545	76	4	7:40 PM	96.3	8800	27.05	21.35	17.44	12.79	9.84	5.95	3.97	3	17	94.1	0.91	38.7	7,071	11.2	4.2	16.0	6.9	5.1	12.8
4.651	76.4	1	7:41 PM	97.6	6485	15.84	11.55	9.09	6.62	5.17	3.29	2.24	1.7	9.2	94.9	0.89	31.2	9,659	16.3	4.2	17.0	7.2	5.4	15.9
4.651	76.4	2	7:41 PM	97.6	6485	15.36	11.33	8.89	6.54	5.12	3.23	2.25	1.7	9	94.9	0.89	30.4	9,809	16.6	4.2	17.4	7.3	5.5	16.3
4.651	76.4	3	7:41 PM	97.6	8526	20.64	15.39	12.08	8.88	6.94	4.31	3.04	2.4	12	94.9	0.89	30.9	9,536	16.0	4.2	17.3	7.2	5.4	16.0
4.651	76.4	4	7:41 PM	97.6	8888	21.59	16.09	12.64	9.32	7.24	4.48	3.17	2.5	13	94.9	0.89	31.0	9,522	16.0	4.2	17.2	7.2	5.4	16.0
4.734	76	1	7:42 PM	95.9	6408	12.2	10.05	8.35	6.42	5.07	3.23	2.23	1.7	8	93.9	0.90	25.7	10,199	17.4	4.8	20.1	7.5	5.6	19.2
4.734	76	2	7:42 PM	95.9	6298	12.04	9.76	8.12	6.22	4.92	3.16	2.21	1.7	7.9	93.9	0.90	25.8	10,313	17.6	4.7	19.9	7.5	5.6	19.2
4.734	76	3	7:42 PM	95.9	8372	16.2	13.32	11.09	8.49	6.71	4.28	2.97	2.3	11	93.9	0.90	26.1	10,065	17.1	4.7	19.9	7.5	5.6	19.0
4.734	76	4	7:42 PM	95.9	8888	17.42	14.22	11.81	9.01	7.13	4.52	3.15	2.4	12	93.9	0.90	26.3	10,044	17.1	4.7	19.8	7.4	5.6	18.8

4.839	76	1	7:43 PM	93.3	6244	20.59	15.31	11.91	8.16	5.96	3.12	1.74	1.1	12	92.3	0.91	41.0	7,776	12.5	3.7	14.4	6.9	5.1	12.1
4.839	76	2	7:43 PM	93.3	6266	20.1	15.04	11.7	8.03	5.86	3.08	1.73	1.1	12	92.3	0.91	40.0	7,955	12.9	3.7	14.6	6.9	5.2	12.4
4.839	76	3	7:43 PM	93.3	8241	27.45	20.76	16.17	11.06	8.03	4.11	2.24	1.4	16	92.3	0.91	41.3	7,644	12.3	3.7	14.4	6.8	5.1	12.0
4.839	76	4	7:43 PM	93.3	8833	29.8	22.59	17.64	12.05	8.74	4.46	2.44	1.5	18	92.3	0.91	41.8	7,534	12.0	3.7	14.3	6.8	5.1	11.8
4.937	75.9	1	7:44 PM	93.9	6277	21.28	16.8	13.38	9.44	7.01	4.01	2.71	2.1	14	92.6	0.92	42.4	6,912	10.9	3.9	14.7	6.8	5.1	11.7
4.937	75.9	2	7:44 PM	93.9	6244	20.74	16.44	13.2	9.35	6.94	3.96	2.7	2.1	13	92.6	0.92	41.6	6,974	11.0	3.9	14.9	6.8	5.1	11.9
4.937	75.9	3	7:44 PM	93.9	8252	28.31	22.57	18.14	12.83	9.48	5.37	3.63	2.8	19	92.6	0.92	42.9	6,749	10.6	3.9	14.7	6.7	5.0	11.5
4.937	75.9	4	7:44 PM	93.9	8866	30.59	24.44	19.65	13.85	10.24	5.81	3.91	3	20	92.6	0.92	43.1	6,713	10.5	3.9	14.7	6.7	5.0	11.5
5.021	75.5	1	7:44 PM	93.3	6562	19.98	16.6	13.77	10.34	7.8	4.67	3.13	2.3	14	92.3	0.92	39.0	6,736	10.5	4.3	16.2	6.8	5.1	12.7
5.021	75.5	2	7:44 PM	93.3	6485	19.81	16.56	13.74	10.29	7.8	4.65	3.07	2.2	14	92.3	0.92	39.1	6,666	10.4	4.3	16.2	6.8	5.1	12.7
5.021	75.5	3	7:44 PM	93.3	8208	26.97	22.54	18.73	14.06	10.59	6.26	4.13	3	19	92.3	0.93	41.7	6,211	9.6	4.2	15.7	6.7	5.0	11.9
5.021	75.5	4	7:44 PM	93.3	8811	29	24.3	20.19	15.1	11.39	6.69	4.4	3.2	20	92.3	0.93	41.8	6,200	9.5	4.2	15.7	6.7	5.0	11.8
5.021	74.8	1	7:45 PM	93.6	6606	20.64	17.29	14.31	10.65	8.04	4.72	3.07	2.2	14	92.4	0.92	39.8	6,577	10.2	4.2	16.0	6.8	5.1	12.4
5.021	74.8	2	7:45 PM	93.6	6485	20.44	17.03	14.13	10.56	7.98	4.72	3.07	2.2	14	92.4	0.92	40.1	6,507	10.1	4.2	16.0	6.8	5.1	12.3
5.021	74.8	3	7:45 PM	93.6	8252	27.14	22.81	18.99	14.25	10.73	6.32	4.17	3	19	92.4	0.93	41.7	6,169	9.5	4.2	15.7	6.7	5.0	11.9
5.021	74.8	4	7:45 PM	93.6	8866	29.15	24.41	20.35	15.24	11.47	6.72	4.45	3.2	20	92.4	0.92	41.7	6,197	9.5	4.2	15.7	6.7	5.0	11.9
5.105	75	1	7:46 PM	94.5	6331	19.45	15.09	11.61	7.97	5.84	3.45	2.4	1.9	11	93.0	0.91	38.5	8,144	13.2	3.8	15.0	6.9	5.2	12.8
5.105	75	2	7:46 PM	94.5	6331	18.91	14.79	11.41	7.88	5.77	3.41	2.38	1.9	11	93.0	0.91	37.6	8,284	13.5	3.9	15.2	7.0	5.2	13.2
5.105	75	3	7:46 PM	94.5	8328	26.21	20.48	15.76	10.8	7.88	4.6	3.21	2.5	16	93.0	0.91	39.4	7,942	12.8	3.8	14.8	6.9	5.2	12.6
5.105	75	4	7:46 PM	94.5	8811	28.02	21.87	16.85	11.49	8.38	4.85	3.38	2.6	17	93.0	0.91	39.7	7,888	12.7	3.8	14.8	6.9	5.2	12.5
5.218	74.9	1	7:47 PM	90.7	6496	17.31	13.06	10.4	7.55	5.8	3.68	2.51	1.9	10	90.6	0.92	34.9	8,685	14.3	4.0	16.1	7.1	5.3	14.2
5.218	74.9	2	7:47 PM	90.7	6353	17.09	12.97	10.33	7.5	5.78	3.65	2.51	1.9	10	90.6	0.92	35.2	8,545	14.0	4.0	16.0	7.1	5.3	14.1
5.218	74.9	3	7:47 PM	90.7	8416	23.5	17.94	14.3	10.38	7.96	5.03	3.46	2.6	15	90.6	0.93	36.3	8,222	13.4	4.0	15.8	7.0	5.2	13.6
5.218	74.9	4	7:47 PM	90.7	8899	24.88	19.07	15.17	11	8.43	5.3	3.63	2.8	16	90.6	0.93	36.4	8,210	13.4	4.0	15.8	7.0	5.2	13.6
5.306	74.5	1	7:48 PM	90.9	6496	17.03	13.69	11.55	8.68	6.86	4.35	2.95	2.2	11	90.7	0.93	34.6	7,615	12.2	4.4	17.2	7.0	5.2	14.3
5.306	74.5	2	7:48 PM	90.9	6288	16.47	13.31	11.26	8.46	6.74	4.22	2.94	2.2	11	90.7	0.93	34.6	7,516	12.0	4.4	17.3	7.0	5.2	14.3
5.306	74.5	3	7:48 PM	90.9	8350	22.19	18.18	15.33	11.54	9.15	5.72	3.95	2.9	15	90.7	0.93	35.0	7,359	11.7	4.4	17.3	7.0	5.2	14.1
5.306	74.5	4	7:48 PM	90.9	8844	23.88	19.37	16.32	12.27	9.72	6.07	4.17	3.1	16	90.7	0.93	35.5	7,326	11.6	4.4	17.1	7.0	5.2	13.9
5.403	74.4	1	7:49 PM	94.8	6035	32.32	23.26	17.36	11.16	7.98	4.46	2.91	2.2	17	93.1	0.92	63.9	5,297	7.9	3.0	11.0	6.2	4.7	7.7
5.403	74.4	2	7:49 PM	94.8	6145	31.32	23.18	17.34	11.23	8.04	4.51	2.95	2.2	17	93.1	0.92	61.1	5,434	8.2	3.1	11.4	6.3	4.7	8.1
5.403	74.4	3	7:49 PM	94.8	7977	41.44	31.13	23.39	15.15	10.83	6.04	3.97	3	22	93.1	0.92	62.2	5,273	7.9	3.1	11.3	6.3	4.7	8.0
5.403	74.4	4	7:49 PM	94.8	8603	44.92	33.95	25.56	16.53	11.78	6.55	4.31	3.2	24	93.1	0.92	62.5	5,234	7.8	3.1	11.3	6.2	4.7	7.9
5.498	74.1	1	7:50 PM	91.9	6507	19.23	15.08	11.96	8.37	6.21	3.25	1.8	1.1	12	91.3	0.91	37.6	8,045	13.0	3.9	15.4	7.0	5.2	13.2
5.498	74.1	2	7:50 PM	91.9	6288	18.54	14.71	11.72	8.23	6.06	3.17	1.72	1.1	11	91.3	0.91	37.6	7,993	12.9	4.0	15.5	7.0	5.2	13.2
5.498	74.1	3	7:50 PM	91.9	8186	25.7	20.31	16.21	11.29	8.31	4.26	2.31	1.4	16	91.3	0.92	39.7	7,566	12.1	3.9	15.1	6.9	5.1	12.5
5.498	74.1	4	7:50 PM	91.9	8822	28.28	22.48	17.74	12.46	9.15	4.63	2.45	1.5	18	91.3	0.92	40.4	7,407	11.8	3.9	14.9	6.9	5.1	12.3
5.598	74.4	1	7:51 PM	92.3	6496	13.57	11.31	9.44	7.26	5.79	3.43	1.99	1.3	9.6	91.6	0.91	28.3	9,072	15.1	4.7	19.4	7.3	5.5	17.5
5.598	74.4	2	7:51 PM	92.3	6551	13.31	11.16	9.34	7.13	5.72	3.37	1.95	1.2	9.6	91.6	0.91	27.6	9,265	15.5	4.7	19.6	7.4	5.5	17.9
5.598	74.4	3	7:51 PM	92.3	8647	18.32	15.57	13.06	10.06	8.03	4.76	2.78	1.8	13	91.6	0.92	28.7	8,761	14.5	4.8	19.4	7.3	5.5	17.3
5.598	74.4	4	7:51 PM	92.3	8965	19.27	16.31	13.73	10.56	8.44	5	2.92	1.9	14	91.6	0.92	29.0	8,643	14.2	4.7	19.3	7.3	5.4	17.1
5.689	74.2	1	7:52 PM	90.6	6540	21.95	16.98	13.56	9.7	7.33	4.2	2.55	1.7	13	90.5	0.93	42.7	6,913	10.9	3.8	14.6	6.8	5.0	11.6
5.689	74.2	2	7:52 PM	90.6	6408	21.45	16.75	13.44	9.64	7.3	4.19	2.54	1.6	13	90.5	0.93	42.6	6,835	10.7	3.9	14.7	6.8	5.0	11.6
5.689	74.2	3	7:52 PM	90.6	8164	28.95	22.79	18.22	13.19	9.96	5.7	3.47	2.3	18	90.5	0.93	44.9	6,399	9.9	3.9	14.4	6.7	5.0	11.0
5.689	74.2	4	7:52 PM	90.6	8669	30.93	24.35	19.49	14.06	10.61	6.06	3.63	2.5	19	90.5	0.93	45.2	6,374	9.9	3.8	14.3	6.7	5.0	11.0

5.782	74	1	7:53 PM	90.7	6661	15.52	12.5	10.38	7.86	6.05	3.6	2.47	1.9	10	90.6	0.92	31.2	8,814	14.6	4.4	17.8	7.2	5.4	15.9
5.782	74	2	7:53 PM	90.7	6650	15.62	12.54	10.44	7.88	6.07	3.64	2.48	1.9	10	90.6	0.92	31.4	8,766	14.5	4.4	17.8	7.2	5.4	15.8
5.782	74	3	7:53 PM	90.7	8394	21.18	17.12	14.24	10.7	8.27	4.97	3.29	2.5	14	90.6	0.93	33.4	8,128	13.2	4.4	17.3	7.1	5.3	14.8
5.782	74	4	7:53 PM	90.7	8756	22.44	18.11	15.11	11.34	8.74	5.22	3.44	2.6	15	90.6	0.93	33.8	8,020	13.0	4.3	17.2	7.1	5.3	14.6
5.867	74.1	1	7:53 PM	93.8	6606	19.39	16.31	13.82	10.34	7.96	4.84	3.36	2.6	13	92.5	0.92	37.8	6,688	10.4	4.4	16.8	6.9	5.1	13.1
5.867	74.1	2	7:53 PM	93.8	6496	19.66	16.35	13.69	10.21	8.04	4.85	3.27	2.6	13	92.5	0.92	38.8	6,509	10.1	4.4	16.5	6.8	5.1	12.8
5.867	74.1	3	7:53 PM	93.8	8274	26.12	22	18.4	13.65	10.91	6.5	4.16	3.3	18	92.5	0.93	40.3	6,122	9.4	4.4	16.4	6.7	5.0	12.3
5.867	74.1	4	7:53 PM	93.8	8647	27.71	23.26	19.45	14.43	11.45	6.8	4.5	3.5	19	92.5	0.93	40.8	6,090	9.3	4.3	16.2	6.7	5.0	12.1
5.971	74	1	7:54 PM	93.1	6397	23	18.54	15.22	11.24	8.7	5.34	3.65	2.8	15	92.0	0.93	45.4	5,857	8.9	4.0	14.8	6.6	4.9	10.9
5.971	74	2	7:54 PM	93.1	6342	22.82	18.53	15.21	11.27	8.77	5.41	3.66	2.7	15	92.0	0.93	45.4	5,776	8.8	4.1	14.9	6.6	4.9	10.9
5.971	74	3	7:54 PM	93.1	7988	30.19	24.59	20.22	14.94	11.56	7.05	4.8	3.7	21	92.0	0.93	47.5	5,516	8.3	4.0	14.5	6.5	4.9	10.4
5.971	74	4	7:54 PM	93.1	8691	33	26.84	22.03	16.26	12.56	7.66	5.21	3.9	22	92.0	0.93	47.7	5,518	8.3	4.0	14.5	6.5	4.9	10.4
6.065	73.8	1	7:55 PM	90.8	6902	22.32	19.43	17.08	13.87	11.37	7.6	5.19	3.7	17	90.6	0.95	42.2	4,862	7.2	4.8	17.3	6.5	4.9	11.7
6.065	73.8	2	7:55 PM	90.8	6825	22.32	19.52	17.16	13.92	11.41	7.63	5.21	3.7	17	90.6	0.95	42.6	4,788	7.0	4.8	17.2	6.5	4.9	11.6
6.065	73.8	3	7:55 PM	90.8	8680	29.53	25.77	22.6	18.28	14.91	9.84	6.61	4.7	22	90.6	0.95	44.1	4,669	6.8	4.7	16.8	6.5	4.9	11.2
6.065	73.8	4	7:55 PM	90.8	8844	30.39	26.56	23.3	18.81	15.33	10.1	6.78	4.8	23	90.6	0.95	44.5	4,628	6.8	4.7	16.7	6.5	4.8	11.1
6.175	73.9	1	7:56 PM	90.7	6847	9.29	7.75	6.62	5.25	4.28	2.59	1.54	0.9	6.5	90.6	0.91	20.2	12,977	23.4	5.1	22.6	7.8	5.9	24.5
6.175	73.9	2	7:56 PM	90.7	6573	9.18	7.53	6.42	5	4.1	2.48	1.46	0.9	6.3	90.6	0.91	20.7	13,032	23.5	5.0	22.1	7.8	5.9	24.0
6.175	73.9	3	7:56 PM	90.7	8559	12.62	10.57	9.05	7.05	5.58	3.29	1.91	1.1	8.9	90.6	0.91	21.5	12,475	22.3	4.9	21.7	7.8	5.9	23.0
6.175	73.9	4	7:56 PM	90.7	8943	13.22	11.07	9.5	7.39	5.85	3.44	1.99	1.2	9.4	90.6	0.91	21.6	12,433	22.2	4.9	21.7	7.8	5.9	23.0
6.254	74.1	1	7:57 PM	89.9	6551	13.67	10.86	8.7	6.1	4.37	2.17	1.06	0.7	8.6	90.1	0.91	28.0	11,476	20.1	4.1	17.4	7.4	5.6	17.7
6.254	74.1	2	7:57 PM	89.9	6452	13.31	10.73	8.59	6.06	4.29	2.13	1.1	0.7	8.6	90.1	0.91	27.8	11,541	20.2	4.2	17.5	7.4	5.6	17.8
6.254	74.1	3	7:57 PM	89.9	8318	18.58	14.3	11.18	7.73	5.48	2.69	1.33	0.8	11	90.1	0.91	29.6	11,336	19.8	4.0	16.6	7.4	5.6	16.7
6.254	74.1	4	7:57 PM	89.9	8811	20.02	15.3	11.93	8.19	5.81	2.82	1.41	0.9	12	90.1	0.91	30.0	11,266	19.7	3.9	16.4	7.4	5.5	16.5
6.351	72.8	1	8:25 PM	88.7	6704	22.01	18.5	15.67	11.73	9.04	5.31	3.17	2.4	15	89.0	0.95	42.6	5,978	9.1	4.2	15.6	6.7	5.0	11.6
6.351	72.8	2	8:25 PM	88.7	6606	21.98	18.49	15.64	11.74	9.04	5.35	3.15	2.4	15	89.0	0.95	43.1	5,890	9.0	4.2	15.5	6.7	5.0	11.5
6.351	72.8	3	8:25 PM	88.7	8318	29.17	24.52	20.82	15.69	12.08	7.07	4.23	3.3	20	89.0	0.95	45.2	5,554	8.4	4.2	15.2	6.6	4.9	10.9
6.351	72.8	4	8:25 PM	88.7	8603	30.66	25.72	21.82	16.43	12.67	7.48	4.45	3.4	21	89.0	0.95	45.9	5,476	8.2	4.2	15.1	6.5	4.9	10.8
6.452	71.7	1	8:26 PM	85.1	6726	16.77	14.64	12.98	10.71	8.96	6	4.11	2.9	13	86.8	0.96	34.4	5,953	9.1	5.1	19.4	6.9	5.1	14.4
6.452	71.7	2	8:26 PM	85.1	6639	16.69	14.74	13.08	10.8	9.02	6.06	4.16	3	13	86.8	0.96	34.6	5,820	8.8	5.1	19.5	6.9	5.1	14.3
6.452	71.7	3	8:26 PM	85.1	8350	21.7	19.25	17.08	14.05	11.81	7.93	5.29	3.7	17	86.8	0.96	35.6	5,581	8.4	5.1	19.3	6.8	5.1	13.9
6.452	71.7	4	8:26 PM	85.1	8767	22.96	20.36	18.07	14.78	12.48	8.33	5.61	3.9	18	86.8	0.96	35.8	5,547	8.4	5.1	19.2	6.8	5.1	13.8
6.543	71.4	1	8:27 PM	88.9	6814	15.09	13.14	11.5	9.51	7.93	5.44	3.92	3	11	89.1	0.95	30.7	6,840	10.7	5.1	20.4	7.1	5.3	16.1
6.543	71.4	2	8:27 PM	88.9	6683	14.97	13.07	11.49	9.47	7.91	5.46	3.91	3	11	89.1	0.95	31.0	6,717	10.5	5.1	20.4	7.1	5.3	16.0
6.543	71.4	3	8:27 PM	88.9	8460	19.75	17.28	15.22	12.48	10.44	7.15	5.1	3.9	15	89.1	0.95	32.1	6,442	10.0	5.1	20.1	7.0	5.2	15.4
6.543	71.4	4	8:27 PM	88.9	8767	20.61	17.95	15.74	12.92	10.78	7.39	5.28	4	16	89.1	0.95	32.2	6,480	10.1	5.1	19.9	7.0	5.2	15.3
6.640	70.9	1	8:28 PM	85.1	6902	16.97	14.36	12.49	9.97	8.2	5.32	3.61	2.6	13	86.8	0.96	33.8	6,795	10.6	4.8	18.6	7.0	5.2	14.6
6.640	70.9	2	8:28 PM	85.1	6836	16.95	14.31	12.55	9.89	8.2	5.3	3.58	2.6	13	86.8	0.96	34.1	6,729	10.5	4.8	18.5	7.0	5.2	14.5
6.640	70.9	3	8:28 PM	85.1	8756	23.06	19.44	16.9	13.52	11.11	7.19	4.81	3.5	17	86.8	0.96	35.9	6,365	9.8	4.7	18.1	6.9	5.1	13.8
6.640	70.9	4	8:28 PM	85.1	8877	23.51	19.89	17.24	13.82	11.36	7.35	4.91	3.5	17	86.8	0.96	36.1	6,308	9.7	4.7	18.0	6.9	5.1	13.7
6.745	71.2	1	8:29 PM	85.8	6726	16.14	13.76	11.77	9.21	7.41	4.68	3.13	2.4	12	87.2	0.95	33.0	7,366	11.7	4.7	18.4	7.0	5.3	15.0
6.745	71.2	2	8:29 PM	85.8	6573	16.16	13.72	11.79	9.28	7.4	4.68	3.15	2.3	12	87.2	0.95	33.7	7,209	11.4	4.6	18.2	7.0	5.2	14.7
6.745	71.2	3	8:29 PM	85.8	8296	21.52	18.2	15.58	12.22	9.83	6.22	4.19	3.1	15	87.2	0.96	35.3	6,850	10.7	4.6	17.8	6.9	5.2	14.0
6.745	71.2	4	8:29 PM	85.8	8789	22.75	19.28	16.51	12.98	10.39	6.55	4.4	3.3	16	87.2	0.96	35.2	6,867	10.8	4.6	17.8	6.9	5.2	14.1

6.832	71	1	8:30 PM	86.0	6397	23.43	18.88	15.14	10.75	8.04	4.46	2.85	2.2	15	87.3	0.95	47.2	6,208	9.5	3.7	13.9	6.6	4.9	10.5
6.832	71	2	8:30 PM	86.0	6277	23.22	18.81	15.11	10.75	8.04	4.47	2.86	2.1	15	87.3	0.95	47.6	6,104	9.4	3.7	13.9	6.6	4.9	10.4
6.832	71	3	8:30 PM	86.0	8230	31.02	25.19	20.22	14.46	10.79	5.98	3.85	2.9	20	87.3	0.95	48.4	5,970	9.1	3.7	13.8	6.6	4.9	10.2
6.832	71	4	8:30 PM	86.0	8778	33.29	26.97	21.64	15.43	11.52	6.37	4.13	3.2	22	87.3	0.95	48.7	5,957	9.1	3.7	13.7	6.5	4.9	10.2
6.927	71.2	1	8:31 PM	84.4	6617	23.2	19.31	16.31	12.71	10.2	6.54	4.53	3.4	17	86.3	0.97	46.1	5,277	7.9	4.2	15.3	6.5	4.9	10.7
6.927	71.2	2	8:31 PM	84.4	6474	22.98	19.15	16.17	12.62	10.13	6.52	4.5	3.4	17	86.3	0.97	46.6	5,199	7.7	4.2	15.2	6.5	4.9	10.6
6.927	71.2	3	8:31 PM	84.4	8120	30.2	25.27	21.33	16.57	13.27	8.52	5.87	4.4	22	86.3	0.97	48.6	4,978	7.4	4.2	14.8	6.4	4.8	10.2
6.927	71.2	4	8:31 PM	84.4	8658	32.41	27.06	22.84	17.72	14.16	9.05	6.23	4.6	23	86.3	0.97	48.9	4,975	7.4	4.2	14.8	6.4	4.8	10.1
7.014	71.1	1	8:32 PM	84.8	6507	22.55	18.86	16.09	12.76	10.56	7.3	5.3	4	17	86.6	0.97	45.7	4,991	7.4	4.4	15.8	6.5	4.9	10.8
7.014	71.1	2	8:32 PM	84.8	6342	22.32	18.71	15.95	12.72	10.52	7.28	5.25	4	17	86.6	0.97	46.4	4,880	7.2	4.4	15.7	6.5	4.8	10.7
7.014	71.1	3	8:32 PM	84.8	8307	29.96	25.12	21.37	17	14	9.63	6.96	5.3	22	86.6	0.97	47.4	4,807	7.1	4.4	15.5	6.4	4.8	10.4
7.014	71.1	4	8:32 PM	84.8	8734	31.79	26.61	22.62	18.02	14.76	10.1	7.31	5.6	23	86.6	0.97	47.8	4,797	7.0	4.3	15.3	6.4	4.8	10.4
7.120	71.3	1	8:33 PM	87.1	7121	11.26	9.96	9.03	7.74	6.81	5.11	3.85	3	9	88.0	0.95	23.7	7,957	12.9	5.7	24.7	7.4	5.6	20.9
7.120	71.3	2	8:33 PM	87.1	6957	11.29	9.95	9.01	7.72	6.81	5.12	3.84	3	9	88.0	0.95	24.2	7,783	12.5	5.7	24.4	7.4	5.5	20.5
7.120	71.3	3	8:33 PM	87.1	8789	14.6	12.94	11.71	10.08	8.85	6.63	4.98	3.8	12	88.0	0.95	24.6	7,550	12.1	5.7	24.3	7.4	5.5	20.1
7.120	71.3	4	8:33 PM	87.1	8965	15.08	13.3	12.04	10.34	9.09	6.8	5.12	3.9	12	88.0	0.95	24.9	7,516	12.0	5.7	24.1	7.3	5.5	19.9
7.201	71.2	1	8:34 PM	87.0	6551	21.25	17.62	14.96	11.48	9.17	6	4.27	3.2	15	87.9	0.96	42.7	5,816	8.8	4.3	15.8	6.7	5.0	11.6
7.201	71.2	2	8:34 PM	87.0	6551	21.33	17.79	15.12	11.54	9.26	6.04	4.25	3.1	15	87.9	0.96	42.8	5,758	8.7	4.3	15.8	6.6	5.0	11.6
7.201	71.2	3	8:34 PM	87.0	8285	28.25	23.68	20.08	15.36	12.23	7.94	5.59	4.3	21	87.9	0.96	44.6	5,514	8.3	4.3	15.5	6.6	4.9	11.1
7.201	71.2	4	8:34 PM	87.0	8636	29.96	25.07	21.22	16.21	12.88	8.35	5.85	4.4	22	87.9	0.96	45.3	5,424	8.1	4.2	15.4	6.6	4.9	10.9
7.295	71	1	8:34 PM	87.5	6748	16.06	13.97	12.35	10.01	8.41	5.79	4.08	2.9	12	88.2	0.95	32.8	6,392	9.9	5.1	19.7	7.0	5.2	15.1
7.295	71	2	8:34 PM	87.5	6551	15.97	13.86	12.21	9.92	8.34	5.77	4.05	3.1	12	88.2	0.95	33.5	6,261	9.6	5.0	19.5	6.9	5.2	14.8
7.295	71	3	8:34 PM	87.5	8339	21.15	18.36	16.22	13.16	11.03	7.6	5.31	3.9	16	88.2	0.96	34.6	6,028	9.2	5.0	19.2	6.9	5.1	14.3
7.295	71	4	8:34 PM	87.5	8789	22.28	19.36	17.05	13.89	11.61	8	5.59	4.1	17	88.2	0.96	34.6	6,037	9.2	5.0	19.2	6.9	5.1	14.3
7.391	71.4	1	8:35 PM	83.7	6661	13.86	11.37	9.61	7.45	6.04	3.96	2.76	2.1	9.7	85.9	0.96	29.6	8,975	14.9	4.6	18.6	7.3	5.4	16.7
7.391	71.4	2	8:35 PM	83.7	6650	13.91	11.38	9.65	7.45	6.04	3.95	2.76	2.1	9.7	85.9	0.96	29.7	8,961	14.9	4.6	18.6	7.3	5.4	16.7
7.391	71.4	3	8:35 PM	83.7	8438	18.63	15.33	12.91	10.07	8.11	5.3	3.67	2.7	13	85.9	0.96	31.0	8,468	13.9	4.5	18.3	7.2	5.4	15.9
7.391	71.4	4	8:35 PM	83.7	8822	19.68	16.15	13.62	10.6	8.54	5.55	3.84	2.9	14	85.9	0.96	31.3	8,409	13.8	4.5	18.2	7.2	5.4	15.8
7.483	71.5	1	8:36 PM	85.2	6726	20.44	16.78	13.97	10.76	8.6	5.38	3.3	2	13	86.8	0.96	40.5	6,318	9.8	4.3	16.1	6.8	5.0	12.2
7.483	71.5	2	8:36 PM	85.2	6606	20.39	16.76	13.99	10.81	8.61	5.39	3.31	2	13	86.8	0.96	41.0	6,199	9.5	4.3	16.0	6.7	5.0	12.1
7.483	71.5	3	8:36 PM	85.2	8307	27.31	22.44	18.77	14.45	11.53	7.23	4.47	2.7	18	86.8	0.96	43.4	5,821	8.8	4.2	15.5	6.6	5.0	11.4
7.483	71.5	4	8:36 PM	85.2	8636	28.99	23.79	19.91	15.34	12.2	7.64	4.73	2.9	19	86.8	0.96	44.2	5,718	8.7	4.2	15.4	6.6	4.9	11.2
7.575	71.8	1	8:37 PM	84.5	6584	18.3	14.61	11.47	7.91	5.56	2.78	1.77	1.3	12	86.3	0.95	37.0	8,928	14.8	3.7	14.9	7.0	5.3	13.4
7.575	71.8	2	8:37 PM	84.5	6474	18.06	14.41	11.35	7.79	5.52	2.79	1.66	1.3	12	86.3	0.95	37.1	8,859	14.7	3.7	14.9	7.0	5.3	13.3
7.575	71.8	3	8:37 PM	84.5	8350	24.63	19.58	15.44	10.65	7.48	3.78	2.23	1.8	16	86.3	0.95	39.0	8,416	13.8	3.7	14.6	7.0	5.2	12.7
7.575	71.8	4	8:37 PM	84.5	8702	26	20.69	16.28	11.26	7.89	3.98	2.33	1.9	17	86.3	0.95	39.4	8,312	13.6	3.7	14.5	6.9	5.2	12.6
7.687	71.8	1	8:38 PM	84.3	6683	21.67	17.95	14.96	11.41	8.9	5.74	4.17	3.3	15	86.2	0.96	43.0	6,052	9.3	4.2	15.4	6.7	5.0	11.5
7.687	71.8	2	8:38 PM	84.3	6573	21.44	17.77	14.79	11.28	8.79	5.63	4.07	3.2	15	86.2	0.96	43.2	6,026	9.2	4.1	15.4	6.7	5.0	11.5
7.687	71.8	3	8:38 PM	84.3	8252	28.79	23.85	19.84	15.16	11.79	7.57	5.55	4.4	20	86.2	0.97	45.9	5,639	8.5	4.1	14.9	6.6	4.9	10.8
7.687	71.8	4	8:38 PM	84.3	8756	31.03	25.65	21.33	16.25	12.61	8.05	5.85	4.7	22	86.2	0.97	46.5	5,590	8.4	4.1	14.8	6.6	4.9	10.6
7.764	71.7	1	8:39 PM	86.7	6891	14.48	12.37	10.84	8.85	7.35	5	3.52	2.5	11	87.6	0.95	29.6	7,513	12.0	5.0	20.3	7.2	5.4	16.7
7.764	71.7	2	8:39 PM	86.7	6748	14.37	12.33	10.8	8.83	7.34	4.98	3.5	2.5	11	87.6	0.95	29.9	7,360	11.7	5.0	20.2	7.1	5.3	16.5
7.764	71.7	3	8:39 PM	86.7	8526	19.03	16.43	14.38	11.76	9.83	6.71	4.61	3.4	14	87.6	0.95	31.1	6,928	10.9	5.0	20.0	7.1	5.3	15.9
7.764	71.7	4	8:39 PM	86.7	8800	19.97	17.2	15.09	12.35	10.29	7.02	4.94	3.6	15	87.6	0.95	31.6	6,835	10.7	5.0	19.9	7.0	5.3	15.7

7.873	72.5	1	8:41 PM	85.1	6968	17.31	14.85	12.75	10.08	8.33	5.6	3.97	3	13	86.6	0.96	34.2	6,756	10.6	4.7	18.4	7.0	5.2	14.5
7.873	72.5	2	8:41 PM	85.1	6814	17.36	14.91	12.85	10.15	8.37	5.61	3.99	3	13	86.6	0.96	34.9	6,574	10.2	4.7	18.3	6.9	5.2	14.2
7.873	72.5	3	8:41 PM	85.1	8581	23.29	20.02	17.24	13.66	11.22	7.53	5.42	4.1	17	86.6	0.96	36.9	6,176	9.5	4.7	17.8	6.8	5.1	13.4
7.873	72.5	4	8:41 PM	85.1	8822	24.38	20.96	18.02	14.25	11.72	7.83	5.65	4.3	18	86.6	0.96	37.5	6,081	9.3	4.7	17.7	6.8	5.1	13.2
7.942	72.4	1	8:41 PM	83.1	6814	21.23	17.84	14.99	11.61	9.44	6.23	4.36	3.3	15	85.4	0.97	41.8	5,869	8.9	4.3	16.1	6.7	5.0	11.8
7.942	72.4	2	8:41 PM	83.1	6683	21.15	17.71	14.9	11.56	9.4	6.23	4.37	3.3	15	85.4	0.97	42.4	5,781	8.8	4.3	16.0	6.7	5.0	11.7
7.942	72.4	3	8:41 PM	83.1	8427	28.11	23.55	19.78	15.28	12.37	8.11	5.59	4.2	20	85.4	0.97	44.4	5,542	8.3	4.3	15.5	6.6	4.9	11.2
7.942	72.4	4	8:41 PM	83.1	8724	29.57	24.72	20.77	16.03	12.93	8.45	5.88	4.3	21	85.4	0.97	45.0	5,490	8.3	4.2	15.4	6.6	4.9	11.0
8.055	72.1	1	8:42 PM	82.9	6891	13.7	11.82	10.31	8.33	6.91	4.27	2.46	1.4	11	85.3	0.96	28.7	8,001	12.9	5.0	20.3	7.2	5.4	17.3
8.055	72.1	2	8:42 PM	82.9	6781	13.77	11.87	10.34	8.4	6.93	4.29	2.48	1.4	11	85.3	0.96	29.1	7,853	12.7	5.0	20.2	7.2	5.4	17.0
8.055	72.1	3	8:42 PM	82.9	8614	18.54	16.13	14	11.35	9.43	5.9	3.35	1.9	14	85.3	0.97	30.6	7,318	11.6	5.0	19.9	7.1	5.3	16.2
8.055	72.1	4	8:42 PM	82.9	8822	19.14	16.69	14.56	11.72	9.78	6.17	3.5	2	15	85.3	0.97	30.8	7,221	11.4	5.0	19.8	7.1	5.3	16.1
8.149	72	1	8:43 PM	82.8	7067	11.27	10.1	9.21	7.89	6.94	5.26	3.53	2.6	9.2	85.2	0.97	24.3	7,684	12.3	5.7	24.4	7.4	5.5	20.4
8.149	72	2	8:43 PM	82.8	6935	11.1	10.03	9.15	7.95	6.87	5.03	3.74	2.7	9	85.2	0.97	24.3	7,598	12.2	5.7	24.5	7.4	5.5	20.3
8.149	72	3	8:43 PM	82.8	8822	14.87	13.35	12.2	10.48	9.15	6.83	4.76	3.6	12	85.2	0.97	25.3	7,278	11.6	5.7	24.0	7.3	5.5	19.5
8.149	72	4	8:43 PM	82.8	8921	15.19	13.66	12.46	10.71	9.35	6.97	4.95	3.7	12	85.2	0.97	25.5	7,201	11.4	5.7	24.0	7.3	5.4	19.4
8.235	72.3	1	8:44 PM	83.6	7023	15.81	13.44	11.5	9.22	7.52	5.02	3.43	2.6	11	85.7	0.96	31.7	7,553	12.1	4.8	18.9	7.1	5.3	15.6
8.235	72.3	2	8:44 PM	83.6	6814	15.64	13.4	11.48	9.15	7.54	5.02	3.53	2.6	11	85.7	0.96	32.2	7,298	11.6	4.8	18.9	7.1	5.3	15.4
8.235	72.3	3	8:44 PM	83.6	8789	21.35	18.18	15.56	12.42	10.18	6.75	4.69	3.5	15	85.7	0.97	33.7	6,981	11.0	4.7	18.4	7.0	5.2	14.7
8.235	72.3	4	8:44 PM	83.6	8932	21.87	18.62	15.95	12.74	10.43	6.89	4.8	3.5	16	85.7	0.97	34.0	6,924	10.9	4.7	18.4	7.0	5.2	14.6
8.335	72.1	1	8:45 PM	83.2	6869	19.05	16.53	14.2	11.28	9.22	6.12	4.24	3.2	14	85.4	0.97	37.8	6,013	9.2	4.7	17.6	6.8	5.1	13.1
8.335	72.1	2	8:45 PM	83.2	6726	18.9	16.29	14.04	11.13	9.14	6.08	4.22	3.2	14	85.4	0.97	38.3	5,940	9.1	4.6	17.5	6.8	5.1	12.9
8.335	72.1	3	8:45 PM	83.2	8493	25.1	21.57	18.56	14.76	12.03	7.95	5.54	4.1	18	85.4	0.97	40.0	5,705	8.6	4.6	17.0	6.7	5.0	12.4
8.335	72.1	4	8:45 PM	83.2	8767	26.2	22.56	19.41	15.4	12.53	8.28	5.8	4.2	19	85.4	0.97	40.3	5,655	8.6	4.6	16.9	6.7	5.0	12.3
8.437	71.7	1	8:46 PM	83.6	6902	21.3	18.4	15.9	12.54	10.21	6.78	4.85	3.7	15	85.7	0.97	41.5	5,462	8.2	4.6	16.7	6.6	5.0	11.9
8.437	71.7	2	8:46 PM	83.6	6715	21.19	18.24	15.76	12.43	10.15	6.76	4.82	3.7	15	85.7	0.97	42.3	5,347	8.0	4.5	16.6	6.6	4.9	11.7
8.437	71.7	3	8:46 PM	83.6	8471	27.85	23.87	20.59	16.24	13.16	8.71	6.18	4.6	20	85.7	0.97	43.8	5,210	7.8	4.5	16.2	6.6	4.9	11.3
8.437	71.7	4	8:46 PM	83.6	8767	29.22	25.04	21.69	17.01	13.82	9.22	6.45	4.8	21	85.7	0.97	44.3	5,134	7.6	4.5	16.1	6.5	4.9	11.2
8.526	71.4	1	8:47 PM	81.6	6858	23.17	18.9	15.85	12.08	9.79	6.47	4.65	3.5	16	84.4	0.98	45.1	5,661	8.6	4.1	15.1	6.6	4.9	11.0
8.526	71.4	2	8:47 PM	81.6	6661	22.75	18.61	15.65	11.96	9.7	6.43	4.65	3.5	15	84.4	0.98	45.5	5,552	8.4	4.2	15.1	6.6	4.9	10.9
8.526	71.4	3	8:47 PM	81.6	8394	30.33	24.83	20.74	15.8	12.72	8.32	5.91	4.5	21	84.4	0.98	47.8	5,329	8.0	4.1	14.7	6.5	4.9	10.4
8.526	71.4	4	8:47 PM	81.6	8658	32.07	26.13	21.99	16.62	13.37	8.76	6.2	4.6	22	84.4	0.98	48.9	5,227	7.8	4.0	14.5	6.5	4.8	10.1
8.616	71.1	1	8:48 PM	82.1	6474	34.34	18.8	14.67	11.01	8.54	5.69	4.09	3.5	19	84.7	0.97	67.1	5,325	8.0	2.8	10.4	6.2	4.6	7.4
8.616	71.1	2	8:48 PM	82.1	6364	33.48	19.23	15.04	11.17	8.77	5.96	4.16	3.2	19	84.7	0.97	66.7	5,199	7.7	2.9	10.6	6.2	4.6	7.4
8.616	71.1	3	8:48 PM	82.1	8087	44.45	26.43	20.54	15.13	11.87	7.9	5.57	4.3	25	84.7	0.98	69.4	4,916	7.3	2.9	10.4	6.1	4.6	7.1
8.616	71.1	4	8:48 PM	82.1	8504	47.88	28.36	22.08	16.25	12.68	8.39	5.92	4.7	27	84.7	0.98	71.0	4,825	7.1	2.8	10.3	6.1	4.6	7.0
8.712	71.3	1	8:49 PM	81.6	6726	21.39	17.88	14.94	11.56	9.31	5.93	4.09	3.1	15	84.4	0.98	42.7	5,880	9.0	4.3	15.7	6.7	5.0	11.6
8.712	71.3	2	8:49 PM	81.6	6584	21.18	17.68	14.82	11.45	9.26	5.96	4.03	3.1	15	84.4	0.98	43.2	5,786	8.8	4.3	15.7	6.6	5.0	11.5
8.712	71.3	3	8:49 PM	81.6	8372	28.64	23.94	20.03	15.46	12.4	7.93	5.45	4.1	20	84.4	0.98	45.6	5,496	8.3	4.2	15.2	6.6	4.9	10.9
8.712	71.3	4	8:49 PM	81.6	8724	30.38	25.31	21.15	16.28	13.12	8.32	5.76	4.3	21	84.4	0.98	46.3	5,413	8.1	4.2	15.0	6.5	4.9	10.7
8.808	71.1	1	8:50 PM	83.6	6573	26.7	20.43	15.91	11.4	8.72	5.46	3.82	2.9	15	85.6	0.97	52.5	5,805	8.8	3.5	12.9	6.5	4.8	9.4
8.808	71.1	2	8:50 PM	83.6	6474	26.15	20.22	15.85	11.38	8.73	5.5	3.88	3	15	85.6	0.97	52.2	5,745	8.7	3.5	13.0	6.5	4.8	9.5
8.808	71.1	3	8:50 PM	83.6	8142	34.27	26.53	20.94	15.06	11.56	7.23	5.07	3.9	20	85.6	0.97	54.2	5,471	8.2	3.5	12.8	6.4	4.8	9.1
8.808	71.1	4	8:50 PM	83.6	8603	36.54	28.35	22.42	16.09	12.38	7.73	5.39	4.1	21	85.6	0.97	54.7	5,404	8.1	3.5	12.7	6.4	4.8	9.1

8.904	71.3	1	8:51 PM	83.3	7023	18.89	16.26	14.31	11.72	9.86	6.74	4.74	3.5	14	85.4	0.97	36.9	5,678	8.6	4.9	18.5	6.8	5.1	13.4
8.904	71.3	2	8:51 PM	83.3	6814	18.95	16.04	14.15	11.63	9.78	6.75	4.73	3.4	14	85.4	0.97	38.0	5,567	8.4	4.8	18.1	6.7	5.0	13.0
8.904	71.3	3	8:51 PM	83.3	8691	25.1	21.42	18.91	15.51	12.99	8.87	6.21	4.6	19	85.4	0.97	39.3	5,342	8.0	4.8	17.8	6.7	5.0	12.6
8.904	71.3	4	8:51 PM	83.3	8932	26.02	22.33	19.47	15.98	13.36	9.46	6.4	4.5	20	85.4	0.97	39.6	5,347	8.0	4.8	17.7	6.7	5.0	12.5
9.008	71.1	1	8:52 PM	84.1	6847	12.81	10.69	9.19	7.35	6.08	3.99	2.64	1.8	9.2	85.9	0.96	27.2	9,110	15.2	4.9	20.1	7.4	5.5	18.2
9.008	71.1	2	8:52 PM	84.1	6683	12.77	10.63	9.12	7.31	6.04	3.96	2.63	1.8	9.2	85.9	0.96	27.6	8,953	14.8	4.8	20.0	7.3	5.5	17.9
9.008	71.1	3	8:52 PM	84.1	8504	17.17	14.35	12.33	9.92	8.17	5.36	3.55	2.4	13	85.9	0.96	28.9	8,418	13.8	4.8	19.7	7.3	5.4	17.1
9.008	71.1	4	8:52 PM	84.1	8778	17.94	15	12.88	10.38	8.54	5.6	3.71	2.5	13	85.9	0.96	29.2	8,312	13.6	4.8	19.6	7.2	5.4	17.0
9.097	71.4	1	8:52 PM	83.4	6979	11.59	9.78	8.46	6.78	5.62	3.81	2.63	2	8.4	85.4	0.96	24.8	10,020	17.0	4.9	21.0	7.5	5.6	19.9
9.097	71.4	2	8:52 PM	83.4	6858	11.68	9.8	8.51	6.79	5.67	3.85	2.81	2	8.4	85.4	0.96	25.3	9,759	16.5	4.9	20.9	7.5	5.6	19.5
9.097	71.4	3	8:52 PM	83.4	8691	15.76	13.3	11.44	9.3	7.65	5.22	3.81	2.8	11	85.4	0.96	26.6	9,166	15.3	4.9	20.5	7.4	5.5	18.6
9.097	71.4	4	8:52 PM	83.4	8921	16.39	13.78	11.94	9.57	7.98	5.41	3.91	2.8	12	85.4	0.96	26.9	9,016	15.0	4.9	20.4	7.4	5.5	18.4
9.202	71.5	1	8:53 PM	80.9	7001	12.02	10.5	9.12	7.33	6.02	3.87	2.54	1.8	8.9	83.9	0.97	25.8	9,340	15.6	5.0	21.0	7.4	5.6	19.2
9.202	71.5	2	8:53 PM	80.9	6858	12.03	10.46	9.09	7.32	6.01	3.85	2.53	1.8	8.9	83.9	0.97	26.2	9,169	15.3	5.0	20.8	7.4	5.5	18.9
9.202	71.5	3	8:53 PM	80.9	8625	16.21	14.16	12.31	9.96	8.18	5.23	3.42	2.5	12	83.9	0.97	27.7	8,458	13.9	5.0	20.5	7.3	5.5	17.9
9.202	71.5	4	8:53 PM	80.9	8811	16.83	14.65	12.77	10.3	8.46	5.41	3.53	2.5	13	83.9	0.97	28.0	8,360	13.7	5.0	20.3	7.3	5.4	17.7
9.281	71.6	1	8:54 PM	82.6	7089	9.19	7.46	6.26	4.73	3.73	2.15	1.32	1	6.3	84.9	0.95	20.5	15,297	28.7	4.6	20.4	7.9	6.0	24.1
9.281	71.6	2	8:54 PM	82.6	7034	9.3	7.48	6.25	4.8	3.69	2.16	1.32	0.9	6.3	84.9	0.95	20.8	15,299	28.7	4.5	20.1	7.9	6.0	23.8
9.281	71.6	3	8:54 PM	82.6	8778	12.65	10.33	8.66	6.58	5.24	3.04	1.85	1.3	8.8	84.9	0.95	22.2	13,514	24.6	4.6	20.1	7.8	5.9	22.3
9.281	71.6	4	8:54 PM	82.6	8932	13.1	10.65	8.93	6.76	5.41	3.12	1.88	1.3	9.1	84.9	0.95	22.5	13,314	24.1	4.6	20.0	7.7	5.9	22.0
9.381	71.3	1	8:55 PM	82.8	6781	12.69	9.66	7.29	4.86	3.46	1.57	0.85	0.7	7.2	85.0	0.95	26.8	14,249	26.3	3.7	16.2	7.6	5.8	18.5
9.381	71.3	2	8:55 PM	82.8	6562	12.38	9.39	7.06	4.65	3.31	1.51	0.83	0.6	7	85.0	0.95	27.0	14,311	26.4	3.7	16.1	7.6	5.8	18.4
9.381	71.3	3	8:55 PM	82.8	8460	17.57	13.38	10.15	6.54	4.43	1.99	1.05	0.7	10	85.0	0.95	29.1	13,486	24.5	3.6	15.4	7.5	5.7	17.0
9.381	71.3	4	8:55 PM	82.8	8778	18.37	13.95	10.57	6.78	4.61	2.06	1.09	0.8	11	85.0	0.95	29.3	13,423	24.4	3.6	15.3	7.5	5.7	16.9
9.479	70.8	1	8:56 PM	81.6	6836	16.78	13.39	10.74	7.47	5.44	2.79	1.58	1.2	11	84.3	0.96	33.9	9,659	16.3	3.9	15.6	7.2	5.4	14.6
9.479	70.8	2	8:56 PM	81.6	6715	16.68	13.28	10.7	7.45	5.41	2.76	1.63	1.3	10	84.3	0.96	34.3	9,542	16.0	3.9	15.6	7.1	5.4	14.4
9.479	70.8	3	8:56 PM	81.6	8350	22.96	18.5	15	10.54	7.66	3.93	2.24	1.6	15	84.3	0.97	37.4	8,444	13.8	3.8	15.2	7.0	5.2	13.2
9.479	70.8	4	8:56 PM	81.6	8833	24.63	19.87	16.06	11.33	8.26	4.24	2.38	1.7	16	84.3	0.97	37.9	8,295	13.5	3.8	15.1	7.0	5.2	13.1
9.580	70.6	1	8:57 PM	83.2	6529	21.5	17.14	13.94	10.39	8.25	5.43	3.94	3	14	85.3	0.97	43.8	6,320	9.8	4.0	14.8	6.7	5.0	11.3
9.580	70.6	2	8:57 PM	83.2	6441	21.4	16.96	13.82	10.33	8.2	5.44	3.96	3	14	85.3	0.97	44.1	6,271	9.7	4.0	14.8	6.7	5.0	11.2
9.580	70.6	3	8:57 PM	83.2	8109	28.68	22.69	18.45	13.78	10.89	7.22	5.25	4.1	18	85.3	0.97	46.6	5,936	9.1	3.9	14.3	6.6	4.9	10.6
9.580	70.6	4	8:57 PM	83.2	8680	31.03	24.45	19.86	14.78	11.67	7.7	5.61	4.4	20	85.3	0.97	47.1	5,918	9.0	3.9	14.2	6.6	4.9	10.5
9.674	70.8	1	8:58 PM	82.6	6792	11.78	9.24	7.54	5.77	4.65	3.17	2.41	2	7.5	84.9	0.96	25.7	11,715	20.6	4.4	18.8	7.5	5.7	19.3
9.674	70.8	2	8:58 PM	82.6	6650	11.7	9.17	7.51	5.75	4.64	3.19	2.44	2	7.5	84.9	0.96	26.0	11,502	20.2	4.4	18.7	7.5	5.7	19.0
9.674	70.8	3	8:58 PM	82.6	8559	15.53	12.19	9.96	7.56	6.04	4.07	3.08	2.5	9.9	84.9	0.96	26.6	11,340	19.8	4.4	18.4	7.5	5.6	18.6
9.674	70.8	4	8:58 PM	82.6	8932	16.2	12.71	10.35	7.86	6.28	4.22	3.18	2.6	10	84.9	0.96	26.6	11,376	19.9	4.4	18.4	7.5	5.6	18.6
9.765	71	1	8:59 PM	83.7	6715	13.46	11.74	10.46	8.39	7.07	4.9	3.36	2.6	10	85.5	0.97	28.9	7,562	12.1	5.1	20.7	7.2	5.4	17.1
9.765	71	2	8:59 PM	83.7	6628	13.61	11.7	10.31	8.41	7.06	4.87	3.48	2.6	10	85.5	0.97	29.5	7,493	12.0	5.1	20.4	7.2	5.4	16.8
9.765	71	3	8:59 PM	83.7	8350	18.05	15.64	13.79	11.22	9.41	6.47	4.63	3.5	14	85.5	0.97	30.7	7,076	11.2	5.0	20.1	7.1	5.3	16.1
9.765	71	4	8:59 PM	83.7	8833	19.15	16.54	14.57	11.8	9.93	6.79	4.87	3.7	14	85.5	0.97	30.8	7,100	11.2	5.0	20.0	7.1	5.3	16.1
9.858	71	1	9:00 PM	82.5	6946	9.02	7.72	6.64	5.45	4.5	2.98	1.97	1.3	6.4	84.8	0.96	20.7	12,405	22.1	5.1	22.6	7.8	5.9	23.9
9.858	71	2	9:00 PM	82.5	6759	9.05	7.63	6.61	5.4	4.46	2.96	1.91	1.2	6.5	84.8	0.96	21.2	12,203	21.7	5.0	22.3	7.8	5.9	23.4
9.858	71	3	9:00 PM	82.5	8636	12	10.2	8.81	7.22	6.01	4.01	2.59	1.7	8.7	84.8	0.96	21.8	11,541	20.2	5.1	22.3	7.7	5.8	22.7
9.858	71	4	9:00 PM	82.5	8987	12.53	10.63	9.14	7.57	6.26	4.19	2.76	1.9	9.2	84.8	0.96	21.8	11,535	20.2	5.1	22.2	7.7	5.8	22.7

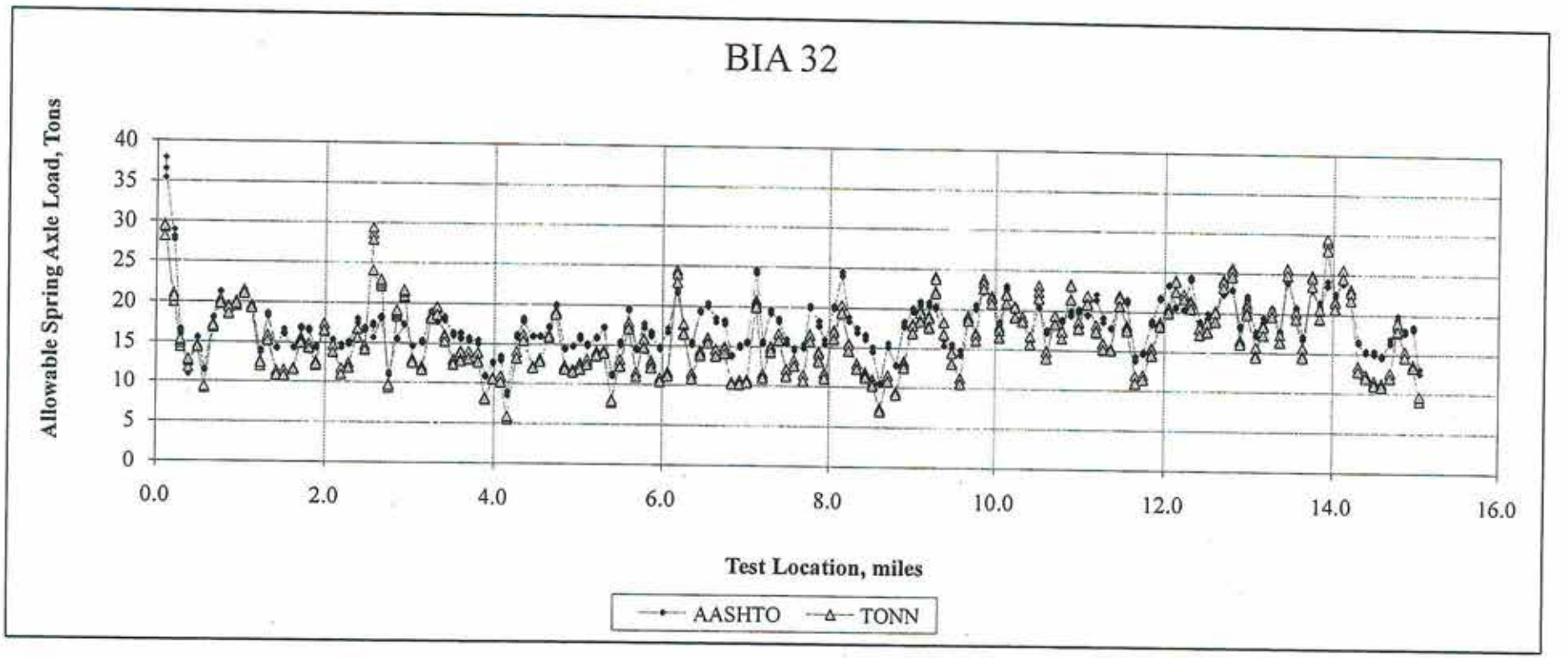
9.955	71.5	1	9:01 PM	82.5	6584	9.69	8.3	7.15	5.76	4.73	3	1.91	1.3	7	84.8	0.96	22.7	11,222	19.6	5.0	21.7	7.6	5.8	21.8
9.955	71.5	2	9:01 PM	82.5	6551	9.85	8.33	7.21	5.8	4.73	3	1.92	1.3	7.1	84.8	0.96	23.1	11,189	19.5	4.9	21.4	7.6	5.7	21.4
9.955	71.5	3	9:01 PM	82.5	8614	13.41	11.45	9.93	8.02	6.58	4.18	2.66	1.8	9.8	84.8	0.96	23.7	10,547	18.1	5.0	21.4	7.6	5.7	20.9
9.955	71.5	4	9:01 PM	82.5	8921	14	11.96	10.39	8.38	6.89	4.39	2.78	1.9	10	84.8	0.96	23.9	10,427	17.9	5.0	21.4	7.6	5.7	20.7
10.047	71.6	1	9:01 PM	81.9	6880	12.97	10.74	8.95	6.7	5.33	3.16	1.93	1.2	8.8	84.4	0.96	27.5	10,404	17.8	4.5	18.6	7.4	5.6	18.0
10.047	71.6	2	9:01 PM	81.9	6726	13.12	10.72	8.96	6.74	5.35	3.2	1.89	1.2	8.8	84.4	0.97	28.3	10,126	17.2	4.4	18.4	7.4	5.5	17.5
10.047	71.6	3	9:01 PM	81.9	8504	17.62	14.69	12.33	9.35	7.46	4.43	2.66	1.7	12	84.4	0.97	29.7	9,213	15.4	4.5	18.3	7.3	5.4	16.7
10.047	71.6	4	9:01 PM	81.9	8910	18.66	15.42	12.98	9.85	7.86	4.67	2.83	1.8	13	84.4	0.97	30.0	9,158	15.3	4.5	18.2	7.3	5.4	16.5
10.131	71.1	1	9:02 PM	84.4	7100	10.27	8.75	7.76	6.5	5.5	3.81	2.68	2	7.7	85.9	0.96	22.3	10,231	17.5	5.3	23.1	7.6	5.7	22.2
10.131	71.1	2	9:02 PM	84.4	6957	10.22	8.68	7.72	6.48	5.46	3.78	2.67	1.9	7.6	85.9	0.96	22.6	10,104	17.2	5.3	23.0	7.6	5.7	21.9
10.131	71.1	3	9:02 PM	84.4	8756	13.76	11.66	10.37	8.67	7.35	5.11	3.61	2.7	10	85.9	0.96	23.8	9,448	15.8	5.3	22.6	7.5	5.6	20.8
10.131	71.1	4	9:02 PM	84.4	8954	14.02	12.01	10.56	8.91	7.57	5.26	3.71	2.7	11	85.9	0.96	23.7	9,356	15.7	5.3	22.8	7.5	5.6	20.9
10.234	71.3	1	9:03 PM	83.2	7034	11.23	9.31	7.91	6.26	5.16	3.4	2.35	1.8	7.7	85.2	0.96	24.1	11,060	19.2	4.8	20.6	7.6	5.7	20.5
10.234	71.3	2	9:03 PM	83.2	6869	11.09	9.18	7.8	6.2	5.09	3.35	2.33	1.8	7.6	85.2	0.96	24.3	10,950	19.0	4.8	20.5	7.6	5.7	20.4
10.234	71.3	3	9:03 PM	83.2	8603	14.94	12.41	10.57	8.38	6.91	4.53	3.15	2.4	10	85.2	0.96	25.7	10,096	17.2	4.8	20.2	7.5	5.6	19.2
10.234	71.3	4	9:03 PM	83.2	8899	15.57	12.87	11	8.7	7.17	4.69	3.26	2.4	11	85.2	0.96	25.9	10,068	17.1	4.8	20.1	7.5	5.6	19.1
10.324	71.3	1	9:04 PM	83.9	6770	11.91	9.76	8.22	6.2	4.86	3.08	2.09	1.6	8	85.6	0.95	25.8	11,220	19.6	4.5	19.1	7.5	5.7	19.2
10.324	71.3	2	9:04 PM	83.9	6584	11.54	9.54	8.04	6.07	4.78	3.05	2.08	1.5	7.9	85.6	0.96	25.8	11,111	19.3	4.5	19.2	7.5	5.7	19.2
10.324	71.3	3	9:04 PM	83.9	8482	15.43	12.74	10.76	8.17	6.43	4.08	2.77	2	11	85.6	0.96	26.5	10,647	18.3	4.5	19.1	7.5	5.6	18.7
10.324	71.3	4	9:04 PM	83.9	8833	16.13	13.34	11.29	8.57	6.74	4.27	2.89	2.1	11	85.6	0.96	26.6	10,581	18.2	4.5	19.1	7.5	5.6	18.6
10.413	72	1	9:05 PM	82.4	6672	13.98	10.1	7.68	5.28	3.92	2.09	1.2	0.9	7.7	84.6	0.96	29.6	12,496	22.3	3.7	15.7	7.4	5.6	16.7
10.413	72	2	9:05 PM	82.4	6584	13.72	9.97	7.6	5.22	3.87	2.07	1.25	0.9	7.6	84.6	0.96	29.5	12,517	22.4	3.7	15.8	7.4	5.6	16.8
10.413	72	3	9:05 PM	82.4	8460	19.02	13.98	10.77	7.45	5.49	2.88	1.65	1.2	11	84.6	0.96	31.4	11,427	20.0	3.7	15.5	7.3	5.5	15.8
10.413	72	4	9:05 PM	82.4	8844	20.04	14.78	11.4	7.89	5.6	3.04	1.76	1.2	11	84.6	0.96	31.6	11,318	19.8	3.7	15.5	7.3	5.5	15.7
10.517	72.1	1	9:06 PM	81.8	6781	9.17	7.7	6.55	5.12	4.04	2.49	1.48	1	6.4	84.3	0.96	21.4	13,654	24.9	4.7	20.8	7.8	5.9	23.2
10.517	72.1	2	9:06 PM	81.8	6639	9.41	7.64	6.48	5.07	4.02	2.44	1.46	1	6.4	84.3	0.96	22.1	13,354	24.2	4.6	20.4	7.8	5.9	22.4
10.517	72.1	3	9:06 PM	81.8	8581	12.7	10.6	9.03	7.07	5.6	3.41	2.04	1.3	8.9	84.3	0.96	22.9	12,464	22.3	4.7	20.4	7.7	5.8	21.7
10.517	72.1	4	9:06 PM	81.8	8976	13.42	11.13	9.49	7.42	5.88	3.57	2.12	1.4	9.3	84.3	0.96	23.0	12,421	22.2	4.7	20.3	7.7	5.8	21.5
10.609	72	1	9:07 PM	82.8	6869	16.33	13.16	11.09	8.62	7.06	4.61	3.21	2.4	11	84.9	0.97	33.2	7,921	12.8	4.4	17.6	7.1	5.3	14.9
10.609	72	2	9:07 PM	82.8	6737	16.17	13.12	11.08	8.62	7.07	4.64	3.22	2.4	11	84.9	0.97	33.5	7,755	12.5	4.5	17.6	7.1	5.3	14.8
10.609	72	3	9:07 PM	82.8	8460	21.46	17.52	14.78	11.49	9.39	6.07	4.17	3.1	14	84.9	0.97	35.1	7,331	11.7	4.4	17.3	7.0	5.2	14.1
10.609	72	4	9:07 PM	82.8	8702	22.39	18.27	15.44	11.93	9.76	6.31	4.35	3.2	15	84.9	0.97	35.5	7,256	11.5	4.4	17.2	7.0	5.2	13.9
10.709	71.7	1	9:08 PM	82.5	6683	11.44	9.36	7.84	6.02	4.83	3.05	2.04	1.5	7.7	84.7	0.96	25.5	11,179	19.5	4.6	19.4	7.5	5.7	19.4
10.709	71.7	2	9:08 PM	82.5	6628	11.35	9.4	7.87	6.05	4.84	3.04	2.04	1.5	7.7	84.7	0.96	25.5	11,072	19.2	4.6	19.5	7.5	5.7	19.4
10.709	71.7	3	9:08 PM	82.5	8482	15.5	12.83	10.76	8.29	6.66	4.18	2.8	2	11	84.7	0.96	26.8	10,303	17.6	4.6	19.2	7.4	5.6	18.5
10.709	71.7	4	9:08 PM	82.5	8822	16.27	13.46	11.35	8.69	6.95	4.38	2.94	2.1	11	84.7	0.96	27.0	10,265	17.5	4.6	19.1	7.4	5.6	18.3
10.792	71.1	1	9:09 PM	81.8	6792	13.15	11.2	9.29	7.2	5.81	3.68	2.5	1.8	9.2	84.2	0.97	28.2	9,509	16.0	4.6	19.0	7.3	5.5	17.5
10.792	71.1	2	9:09 PM	81.8	6683	13.03	11.11	9.27	7.18	5.78	3.7	2.54	1.9	9.1	84.2	0.97	28.4	9,402	15.8	4.6	19.0	7.3	5.5	17.4
10.792	71.1	3	9:09 PM	81.8	8438	17.57	14.96	12.54	9.74	7.85	4.97	3.31	2.4	12	84.2	0.97	29.9	8,738	14.4	4.6	18.6	7.2	5.4	16.5
10.792	71.1	4	9:09 PM	81.8	8877	18.49	15.74	13.15	10.27	8.26	5.18	3.44	2.5	13	84.2	0.97	29.9	8,736	14.4	4.6	18.6	7.2	5.4	16.5
10.895	70.7	1	9:10 PM	82.5	7001	9.44	7.63	6.37	4.73	3.78	2.21	1.26	0.8	6.4	84.6	0.96	21.2	14,883	27.7	4.5	20.1	7.8	6.0	23.4
10.895	70.7	2	9:10 PM	82.5	6891	9.39	7.58	6.33	4.7	3.69	2.15	1.25	0.8	6.3	84.6	0.96	21.3	14,968	27.9	4.5	19.9	7.8	6.0	23.2
10.895	70.7	3	9:10 PM	82.5	8680	13.06	10.59	8.91	6.66	5.14	2.87	1.66	1	8.9	84.6	0.96	23.0	13,538	24.7	4.5	19.5	7.7	5.9	21.5
10.895	70.7	4	9:10 PM	82.5	8965	13.58	11.05	9.3	6.96	5.38	3	1.7	1.1	9.2	84.6	0.96	23.1	13,372	24.3	4.5	19.5	7.7	5.8	21.4

10.988	71.5	1	9:11 PM	81.8	6880	12.39	10.15	8.74	6.98	5.83	3.9	2.83	2.2	8.7	84.2	0.97	26.7	9,555	16.1	4.8	20.0	7.4	5.5	18.5
10.988	71.5	2	9:11 PM	81.8	6803	12.11	10.09	8.69	6.94	5.81	3.91	2.83	2.2	8.6	84.2	0.97	26.5	9,461	15.9	4.9	20.3	7.4	5.6	18.7
10.988	71.5	3	9:11 PM	81.8	8713	16.37	13.69	11.79	9.41	7.81	5.22	3.63	2.7	12	84.2	0.97	27.6	9,019	15.0	4.8	19.9	7.3	5.5	17.9
10.988	71.5	4	9:11 PM	81.8	8899	16.86	14.09	12.19	9.7	8.04	5.35	3.73	2.8	12	84.2	0.97	27.8	8,949	14.8	4.8	19.8	7.3	5.5	17.8
11.090	72.3	1	9:12 PM	82.3	7220	10.64	7.97	6.58	5.12	4.18	2.62	1.69	1.2	6.7	84.5	0.96	22.7	13,844	25.3	4.4	19.5	7.7	5.9	21.8
11.090	72.3	2	9:12 PM	82.3	7231	10.52	8.16	6.67	5.18	4.19	2.65	1.59	1.1	6.7	84.5	0.96	22.5	13,859	25.4	4.5	19.6	7.7	5.9	22.0
11.090	72.3	3	9:12 PM	82.3	8965	13.87	10.93	8.97	7.04	5.63	3.56	2.34	1.6	9	84.5	0.96	23.6	12,817	23.0	4.5	19.5	7.7	5.8	21.0
11.090	72.3	4	9:12 PM	82.3	8932	13.95	10.93	9.01	6.99	5.66	3.57	2.33	1.7	9.1	84.5	0.96	23.7	12,702	22.8	4.5	19.5	7.7	5.8	20.8
11.192	72.6	1	9:13 PM	83.2	6759	12.37	10.91	9.72	8.15	6.98	4.9	3.45	2.5	9.4	85.0	0.97	27.0	7,565	12.1	5.4	22.2	7.3	5.4	18.3
11.192	72.6	2	9:13 PM	83.2	6628	12.7	10.97	9.76	8.19	6.94	4.91	3.5	2.5	9.5	85.0	0.97	28.0	7,530	12.0	5.2	21.4	7.2	5.4	17.7
11.192	72.6	3	9:13 PM	83.2	8208	16.07	14.01	12.49	10.46	8.89	6.23	4.41	3.2	12	85.0	0.97	28.5	7,255	11.5	5.3	21.4	7.2	5.4	17.4
11.192	72.6	4	9:13 PM	83.2	8647	16.85	14.84	13.24	11.06	9.37	6.59	4.66	3.4	13	85.0	0.97	28.4	7,241	11.5	5.3	21.5	7.2	5.4	17.4
11.274	72.8	1	9:14 PM	85.1	6990	15.3	13.12	11.3	8.99	7.37	4.85	3.33	2.5	11	86.1	0.96	30.8	7,659	12.3	4.8	19.3	7.1	5.3	16.1
11.274	72.8	2	9:14 PM	85.1	6913	15.3	13.01	11.23	8.92	7.37	4.85	3.33	2.5	11	86.1	0.96	31.1	7,575	12.1	4.8	19.2	7.1	5.3	15.9
11.274	72.8	3	9:14 PM	85.1	8471	19.79	16.87	14.58	11.59	9.44	6.19	4.17	3.1	15	86.1	0.96	32.5	7,255	11.5	4.8	18.7	7.1	5.3	15.2
11.274	72.8	4	9:14 PM	85.1	8724	20.52	17.5	15.1	11.98	9.78	6.39	4.32	3.2	15	86.1	0.96	32.7	7,212	11.4	4.7	18.7	7.0	5.3	15.1
11.367	71.7	1	9:14 PM	82.7	6375	14.94	12.37	10.41	8.11	6.59	4.16	2.7	1.9	10	84.7	0.97	32.9	7,869	12.7	4.5	17.9	7.1	5.3	15.1
11.367	71.7	2	9:14 PM	82.7	6397	14.73	12.2	10.31	8.07	6.54	4.13	2.7	1.9	10	84.7	0.97	32.4	7,954	12.9	4.5	18.0	7.1	5.3	15.3
11.367	71.7	3	9:14 PM	82.7	8164	19.06	15.85	13.39	10.49	8.46	5.31	3.48	2.4	13	84.7	0.97	32.8	7,847	12.6	4.5	17.9	7.1	5.3	15.1
11.367	71.7	4	9:14 PM	82.7	8691	20.37	16.95	14.33	11.19	9.04	5.65	3.67	2.6	14	84.7	0.97	32.9	7,818	12.6	4.5	17.9	7.1	5.3	15.1
11.467	69.4	1	9:16 PM	82.7	6968	10.07	8.28	7.1	5.83	4.79	3.19	2.26	1.6	7.2	84.6	0.96	22.4	11,764	20.7	4.9	21.4	7.7	5.8	22.1
11.467	69.4	2	9:16 PM	82.7	6869	10.11	8.32	7.12	5.79	4.85	3.29	2.24	1.6	7.2	84.6	0.96	22.8	11,443	20.0	4.9	21.4	7.7	5.8	21.7
11.467	69.4	3	9:16 PM	82.7	8625	13.5	11.15	9.57	7.9	6.42	4.31	3.02	2.2	9.8	84.6	0.96	23.8	10,865	18.8	4.9	21.0	7.6	5.7	20.8
11.467	69.4	4	9:16 PM	82.7	8954	14.07	11.64	9.96	8.15	6.76	4.51	3.16	2.3	10	84.6	0.96	23.9	10,700	18.4	4.9	21.1	7.6	5.7	20.7
11.555	69.7	1	9:17 PM	82.6	6661	12.11	10.52	9.28	7.69	6.53	4.61	3.3	2.4	9.2	84.6	0.97	26.9	8,071	13.1	5.2	21.5	7.3	5.5	18.4
11.555	69.7	2	9:17 PM	82.6	6573	12.25	10.59	9.33	7.74	6.57	4.59	3.26	2.4	9.2	84.6	0.97	27.4	7,926	12.8	5.2	21.3	7.3	5.4	18.0
11.555	69.7	3	9:17 PM	82.6	8471	16.26	14.04	12.37	10.25	8.7	6.06	4.28	3.2	12	84.6	0.97	28.1	7,719	12.4	5.2	21.1	7.2	5.4	17.6
11.555	69.7	4	9:17 PM	82.6	8866	17	14.69	12.93	10.72	9.08	6.32	4.42	3.3	13	84.6	0.97	28.1	7,744	12.4	5.2	21.1	7.2	5.4	17.6
11.655	70.3	1	9:18 PM	82.4	6814	21.2	16.22	12.87	9.18	6.93	4.13	2.69	1.9	13	84.4	0.97	41.7	7,575	12.1	3.7	14.3	6.8	5.1	11.9
11.655	70.3	2	9:18 PM	82.4	6770	21.04	16.15	12.89	9.17	6.96	4.16	2.7	1.9	13	84.4	0.97	41.6	7,518	12.0	3.7	14.4	6.8	5.1	11.9
11.655	70.3	3	9:18 PM	82.4	8460	28.54	22	17.57	12.5	9.41	5.61	3.63	2.6	17	84.4	0.97	44.7	6,942	10.9	3.7	13.9	6.7	5.0	11.1
11.655	70.3	4	9:18 PM	82.4	8734	30.05	23.14	18.51	13.13	9.93	5.86	3.79	2.7	18	84.4	0.97	45.5	6,796	10.6	3.6	13.8	6.7	5.0	10.9
11.747	69.6	1	9:19 PM	81.6	6441	19.74	15.46	12.5	9.22	7.22	4.53	3.07	2.3	12	83.9	0.97	41.4	7,061	11.1	3.9	14.9	6.8	5.1	12.0
11.747	69.6	2	9:19 PM	81.6	6375	19.47	15.39	12.57	9.29	7.18	4.39	3.04	2.4	12	83.9	0.97	41.2	7,039	11.1	3.9	15.0	6.8	5.1	12.0
11.747	69.6	3	9:19 PM	81.6	8208	26.41	20.86	16.97	12.54	9.74	5.98	4.1	3.2	17	83.9	0.98	43.2	6,681	10.4	3.9	14.7	6.7	5.0	11.5
11.747	69.6	4	9:19 PM	81.6	8724	28.31	22.3	18.19	13.41	10.41	6.42	4.39	3.4	18	83.9	0.98	43.5	6,640	10.3	3.9	14.6	6.7	5.0	11.4
11.848	71	1	9:20 PM	82.3	6913	15.51	13.3	11.51	9.26	7.57	4.94	3.34	2.5	12	84.3	0.97	31.8	7,363	11.7	4.8	19.0	7.1	5.3	15.5
11.848	71	2	9:20 PM	82.3	6814	15.55	13.26	11.47	9.24	7.65	5.04	3.46	2.5	12	84.3	0.97	32.3	7,174	11.4	4.8	19.0	7.1	5.3	15.3
11.848	71	3	9:20 PM	82.3	8702	20.77	17.81	15.39	12.41	10.16	6.62	4.46	3.3	16	84.3	0.97	33.5	6,903	10.8	4.8	18.6	7.0	5.2	14.8
11.848	71	4	9:20 PM	82.3	8844	21.57	18.36	15.85	12.79	10.47	6.83	4.6	3.4	16	84.3	0.97	34.1	6,815	10.7	4.7	18.4	7.0	5.2	14.5
11.946	71.1	1	9:21 PM	82.2	6858	12.06	10.2	9.02	7.63	6.61	4.73	3.46	2.5	8.8	84.3	0.97	26.3	8,175	13.3	5.3	21.9	7.3	5.5	18.8
11.946	71.1	2	9:21 PM	82.2	6726	12.03	10.28	8.95	7.63	6.61	4.75	3.41	2.6	8.9	84.3	0.97	26.6	8,012	13.0	5.3	21.8	7.3	5.5	18.6
11.946	71.1	3	9:21 PM	82.2	8526	15.64	13.29	11.72	9.93	8.52	6.12	4.39	3.3	12	84.3	0.97	27.2	7,897	12.7	5.2	21.6	7.3	5.4	18.2
11.946	71.1	4	9:21 PM	82.2	8921	16.3	13.85	12.19	10.36	8.9	6.38	4.58	3.4	12	84.3	0.97	27.1	7,906	12.8	5.2	21.6	7.3	5.4	18.3

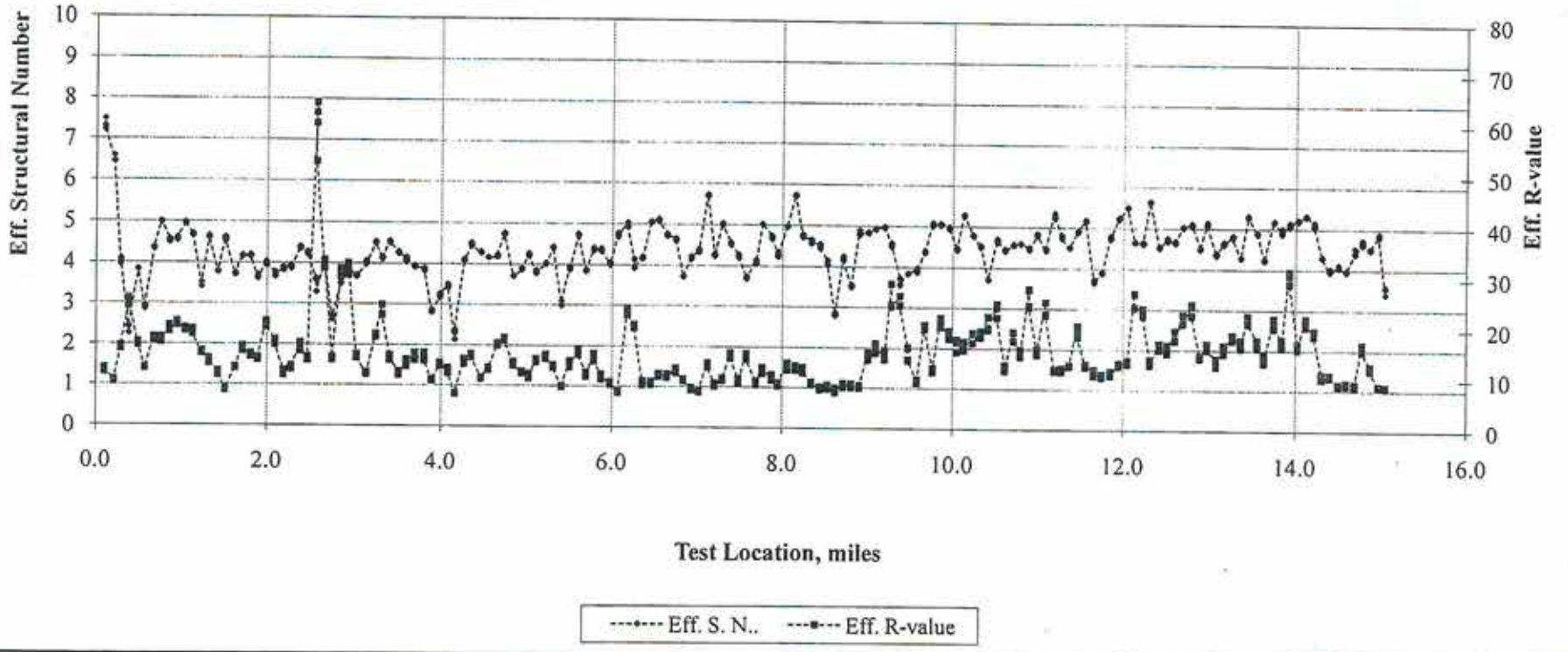
12.046	71	1	9:22 PM	82.8	7440	11.66	10.06	9.08	7.74	6.76	4.96	3.62	2.7	8.8	84.6	0.97	24.0	8,518	14.0	5.5	23.5	7.5	5.6	20.6
12.046	71	2	9:22 PM	82.8	7286	11.52	9.94	8.96	7.64	6.68	4.92	3.6	2.7	8.8	84.6	0.97	24.2	8,442	13.8	5.5	23.5	7.4	5.6	20.5
12.046	71	3	9:22 PM	82.8	9042	14.72	12.85	11.58	9.91	8.61	6.31	4.65	3.5	11	84.6	0.97	24.7	8,102	13.1	5.5	23.4	7.4	5.5	20.0
12.046	71	4	9:22 PM	82.8	9020	14.76	12.81	11.57	9.88	8.59	6.3	4.62	3.4	11	84.6	0.97	24.8	8,116	13.2	5.5	23.3	7.4	5.5	19.9
12.130	71	1	9:22 PM	82.9	7132	9.19	7.24	6.13	4.82	3.93	2.62	1.85	1.4	6.2	84.7	0.96	20.6	14,677	27.2	4.7	20.8	7.9	6.0	24.1
12.130	71	2	9:22 PM	82.9	7056	9.17	7.2	6.11	4.8	3.91	2.6	1.83	1.4	6.1	84.7	0.96	20.7	14,591	27.0	4.7	20.8	7.9	6.0	23.9
12.130	71	3	9:22 PM	82.9	8778	12.24	9.74	8.23	6.51	5.31	3.55	2.48	1.9	8.2	84.7	0.96	21.8	13,456	24.5	4.7	20.6	7.8	5.9	22.7
12.130	71	4	9:22 PM	82.9	8921	12.51	10.01	8.39	6.69	5.42	3.67	2.55	1.9	8.4	84.7	0.96	21.9	13,398	24.3	4.7	20.5	7.8	5.9	22.6
12.227	73.5	1	9:23 PM	82.6	6990	9.96	7.44	6.2	4.97	4.23	2.93	2.1	1.5	6	84.5	0.96	22.2	13,357	24.2	4.6	20.3	7.7	5.9	22.3
12.227	73.5	2	9:23 PM	82.6	6858	9.74	7.39	6.18	4.98	4.24	2.93	2.11	1.7	6	84.5	0.96	22.2	13,164	23.8	4.7	20.5	7.7	5.9	22.3
12.227	73.5	3	9:23 PM	82.6	8745	12.89	10.08	8.36	6.8	5.63	3.96	2.79	2.2	8.1	84.5	0.96	22.8	12,641	22.6	4.7	20.3	7.7	5.8	21.7
12.227	73.5	4	9:23 PM	82.6	8965	13.23	10.39	8.64	7.04	5.77	4.06	2.85	2.3	8.3	84.5	0.96	22.8	12,644	22.7	4.7	20.3	7.7	5.8	21.7
12.309	73.3	1	9:24 PM	81.1	7132	10.47	9.2	8.35	7.19	6.33	4.75	3.46	2.5	8.3	83.6	0.98	23.0	8,575	14.1	5.6	24.4	7.5	5.6	21.5
12.309	73.3	2	9:24 PM	81.1	6924	10.39	9.18	8.33	7.18	6.31	4.73	3.45	2.5	8.3	83.6	0.98	23.4	8,334	13.6	5.6	24.4	7.5	5.6	21.1
12.309	73.3	3	9:24 PM	81.1	8713	13.54	11.95	10.85	9.39	8.23	6.15	4.5	3.3	11	83.6	0.98	24.0	8,037	13.0	5.6	24.2	7.4	5.5	20.6
12.309	73.3	4	9:24 PM	81.1	9009	14.09	12.43	11.31	9.75	8.54	6.31	4.68	3.5	11	83.6	0.98	24.2	8,019	13.0	5.6	24.1	7.4	5.5	20.5
12.416	72.5	1	9:25 PM	82.8	6803	12.62	9.92	8.44	6.58	5.41	3.65	2.54	2	8.4	84.6	0.97	27.2	10,171	17.3	4.6	19.0	7.4	5.6	18.2
12.416	72.5	2	9:25 PM	82.8	6726	12.6	9.95	8.51	6.63	5.41	3.67	2.55	2	8.4	84.6	0.97	27.4	10,058	17.1	4.6	19.0	7.4	5.6	18.1
12.416	72.5	3	9:25 PM	82.8	8427	16.78	13.23	11.28	8.82	7.23	4.85	3.44	2.6	11	84.6	0.97	28.8	9,490	15.9	4.5	18.6	7.3	5.5	17.2
12.416	72.5	4	9:25 PM	82.8	8921	17.67	13.98	11.95	9.31	7.61	5.11	3.54	2.8	12	84.6	0.97	28.7	9,544	16.0	4.5	18.6	7.3	5.5	17.3
12.509	71.6	1	9:26 PM	82.2	7067	12.38	10.24	8.63	6.89	5.7	3.94	2.85	2.2	8.4	84.2	0.97	26.1	10,057	17.1	4.7	19.9	7.5	5.6	18.9
12.509	71.6	2	9:26 PM	82.2	6924	12.29	10.2	8.61	6.87	5.71	3.96	2.87	2.2	8.3	84.2	0.97	26.4	9,830	16.6	4.8	19.9	7.4	5.6	18.8
12.509	71.6	3	9:26 PM	82.2	8658	16.45	13.52	11.43	9.13	7.54	5.1	3.9	3.1	11	84.2	0.97	27.8	9,318	15.6	4.7	19.4	7.3	5.5	17.8
12.509	71.6	4	9:26 PM	82.2	8888	17.14	14.08	11.89	9.47	7.84	5.33	3.95	3	12	84.2	0.97	28.2	9,201	15.3	4.7	19.3	7.3	5.5	17.6
12.602	71.3	1	9:27 PM	81.7	7165	11.45	9.74	8.27	6.43	5.12	3.22	2.16	1.6	8.1	83.9	0.97	24.3	11,376	19.9	4.7	20.1	7.6	5.7	20.3
12.602	71.3	2	9:27 PM	81.7	7023	11.41	9.54	8.09	6.28	5.02	3.15	2.12	1.6	7.9	83.9	0.97	24.6	11,381	19.9	4.6	19.8	7.6	5.7	20.1
12.602	71.3	3	9:27 PM	81.7	8800	15.32	12.9	10.96	8.53	6.8	4.29	2.86	2.1	11	83.9	0.97	26.0	10,524	18.1	4.6	19.6	7.5	5.6	19.0
12.602	71.3	4	9:27 PM	81.7	9031	15.84	13.35	11.34	8.84	7.06	4.43	2.94	2.2	11	83.9	0.97	26.2	10,399	17.8	4.7	19.6	7.5	5.6	18.9
12.696	72.1	1	9:28 PM	81.8	7056	8.88	7.43	6.48	5.29	4.42	3.03	2.13	1.6	6.4	83.9	0.97	20.4	12,834	23.1	5.0	22.5	7.8	5.9	24.2
12.696	72.1	2	9:28 PM	81.8	7034	9.02	7.49	6.52	5.33	4.45	3.06	2.14	1.6	6.5	83.9	0.97	20.7	12,724	22.8	5.0	22.3	7.8	5.9	23.9
12.696	72.1	3	9:28 PM	81.8	8899	11.88	9.97	8.68	7.1	5.94	4.06	2.83	2.1	8.7	83.9	0.97	21.3	12,036	21.3	5.0	22.3	7.7	5.8	23.2
12.696	72.1	4	9:28 PM	81.8	8965	11.99	10.06	8.8	7.17	6	4.1	2.85	2.1	8.8	83.9	0.97	21.4	12,003	21.2	5.1	22.3	7.7	5.8	23.2
12.797	71.7	1	9:29 PM	82.4	6990	8.11	6.76	5.89	4.86	4.08	2.9	2.1	1.6	5.9	84.2	0.96	19.2	13,750	25.1	5.1	23.0	7.9	6.0	25.7
12.797	71.7	2	9:29 PM	82.4	6902	8.2	6.7	5.86	4.76	4.09	2.89	2.1	1.6	5.9	84.2	0.96	19.6	13,563	24.7	5.1	22.8	7.9	6.0	25.3
12.797	71.7	3	9:29 PM	82.4	8658	10.64	8.93	7.82	6.33	5.42	3.83	2.78	2.1	7.8	84.2	0.97	20.0	12,793	23.0	5.1	23.0	7.8	5.9	24.7
12.797	71.7	4	9:29 PM	82.4	8976	11.11	9.34	8.14	6.63	5.66	3.98	2.88	2.2	8	84.2	0.97	20.1	12,701	22.8	5.1	22.9	7.8	5.9	24.6
12.893	71.3	1	9:30 PM	81.4	6606	13.54	11.3	9.52	7.35	5.96	3.91	2.85	2.2	9.1	83.6	0.97	29.7	9,016	15.0	4.5	18.5	7.3	5.4	16.7
12.893	71.3	2	9:30 PM	81.4	6474	13.45	11.18	9.49	7.27	5.91	3.91	2.82	2.2	9.1	83.6	0.97	30.0	8,912	14.8	4.5	18.4	7.2	5.4	16.5
12.893	71.3	3	9:30 PM	81.4	8328	17.81	14.8	12.57	9.65	7.77	5.2	3.65	2.8	12	83.6	0.96	30.7	8,723	14.4	4.5	18.2	7.2	5.4	16.1
12.893	71.3	4	9:30 PM	81.4	8833	18.99	15.76	13.34	10.28	8.28	5.5	3.88	3	13	83.6	0.97	30.9	8,682	14.3	4.5	18.1	7.2	5.4	16.0
12.975	71.7	1	9:31 PM	81.3	7023	10.48	9.07	7.91	6.52	5.5	4.04	2.98	2.2	7.9	83.5	0.97	23.3	10,167	17.3	5.2	22.3	7.6	5.7	21.3
12.975	71.7	2	9:31 PM	81.3	6891	10.63	8.98	7.85	6.46	5.5	3.96	2.98	2.3	7.9	83.5	0.97	23.8	10,005	17.0	5.1	21.9	7.5	5.7	20.8
12.975	71.7	3	9:31 PM	81.3	8680	13.88	11.87	10.36	8.54	7.23	5.26	3.89	3	10	83.5	0.98	24.5	9,574	16.1	5.1	21.8	7.5	5.6	20.2
12.975	71.7	4	9:31 PM	81.3	8921	14.57	12.31	10.75	8.89	7.49	5.44	4.01	3.1	11	83.5	0.98	24.9	9,523	16.0	5.1	21.5	7.5	5.6	19.9

13.080	70.5	1	9:32 PM	79.5	7045	15.44	12.69	10.64	8.15	6.52	4.06	2.61	1.7	11	82.5	0.98	31.6	8,730	14.4	4.4	17.7	7.2	5.4	15.7
13.080	70.5	2	9:32 PM	79.5	6891	15.03	12.45	10.47	8.02	6.39	4.03	2.58	1.8	11	82.5	0.98	31.5	8,718	14.4	4.4	17.8	7.2	5.4	15.7
13.080	70.5	3	9:32 PM	79.5	8691	20.5	16.99	14.3	10.97	8.71	5.46	3.5	2.4	15	82.5	0.98	33.5	8,066	13.1	4.4	17.3	7.1	5.3	14.8
13.080	70.5	4	9:32 PM	79.5	8888	21.53	17.71	14.88	11.41	9.11	5.64	3.67	2.5	15	82.5	0.98	34.3	7,885	12.7	4.3	17.1	7.0	5.3	14.4
13.169	69.6	1	9:33 PM	80.1	7220	12.81	10.84	9.13	7.2	5.83	3.76	2.61	1.9	8.8	82.8	0.98	26.6	10,056	17.1	4.7	19.5	7.4	5.6	18.6
13.169	69.6	2	9:33 PM	80.1	6924	12.5	10.6	8.94	7.02	5.72	3.73	2.6	1.9	8.7	82.8	0.98	27.0	9,824	16.6	4.7	19.5	7.4	5.6	18.3
13.169	69.6	3	9:33 PM	80.1	8756	17.07	14.31	12.1	9.5	7.72	5.02	3.44	2.6	12	82.8	0.98	28.7	9,213	15.4	4.6	19.0	7.3	5.5	17.3
13.169	69.6	4	9:33 PM	80.1	8965	17.42	14.76	12.46	9.8	7.94	5.15	3.52	2.6	12	82.8	0.98	28.6	9,166	15.3	4.6	19.0	7.3	5.5	17.3
13.271	69	1	9:34 PM	80.5	7187	11.22	9.06	7.78	6.26	5.28	3.76	2.78	2.1	7.8	83.0	0.98	24.1	11,021	19.1	4.8	20.6	7.6	5.7	20.5
13.271	69	2	9:34 PM	80.5	7121	11.16	8.98	7.81	6.23	5.31	3.82	2.78	2.1	7.8	83.0	0.98	24.2	10,846	18.8	4.8	20.7	7.6	5.7	20.5
13.271	69	3	9:34 PM	80.5	8822	14.45	11.64	10.07	8.05	6.81	4.85	3.59	2.6	10	83.0	0.98	25.0	10,487	18.0	4.8	20.4	7.5	5.6	19.8
13.271	69	4	9:34 PM	80.5	9031	14.9	12.11	10.43	8.34	6.98	5.06	3.71	2.7	11	83.0	0.98	25.2	10,480	18.0	4.8	20.3	7.5	5.6	19.7
13.366	69	1	9:34 PM	81.2	7209	14.09	11.35	9.12	6.89	5.47	3.5	2.43	1.8	8.9	83.4	0.97	28.5	10,544	18.1	4.3	17.8	7.4	5.5	17.3
13.366	69	2	9:34 PM	81.2	7100	13.86	11.2	9.06	6.84	5.44	3.5	2.44	1.8	8.8	83.4	0.97	28.5	10,459	17.9	4.3	17.9	7.4	5.5	17.4
13.366	69	3	9:34 PM	81.2	8778	18.21	14.76	11.96	9.04	7.17	4.58	3.15	2.4	12	83.4	0.97	30.0	9,816	16.6	4.3	17.6	7.3	5.5	16.5
13.366	69	4	9:34 PM	81.2	8987	18.86	15.35	12.43	9.42	7.44	4.75	3.26	2.5	12	83.4	0.97	30.2	9,687	16.3	4.3	17.5	7.3	5.5	16.4
13.451	69.5	1	9:35 PM	80.8	7231	8.28	6.94	6.17	5.24	4.48	3.35	2.54	1.9	6.2	83.2	0.97	19.3	12,761	22.9	5.3	23.9	7.9	6.0	25.7
13.451	69.5	2	9:35 PM	80.8	7165	8.25	6.96	6.18	5.23	4.53	3.35	2.53	2	6.2	83.2	0.97	19.3	12,456	22.2	5.3	24.1	7.9	5.9	25.6
13.451	69.5	3	9:35 PM	80.8	8954	10.77	9.06	8.04	6.81	5.88	4.37	3.28	2.6	8.1	83.2	0.98	19.9	12,010	21.3	5.3	23.8	7.8	5.9	24.8
13.451	69.5	4	9:35 PM	80.8	9031	10.83	9.13	8.11	6.85	5.92	4.39	3.32	2.6	8.2	83.2	0.97	19.9	12,028	21.3	5.3	23.9	7.8	5.9	24.9
13.555	69.7	1	9:36 PM	81.2	7001	11.15	9.4	8.11	6.54	5.36	3.55	2.57	1.9	8.1	83.4	0.97	24.4	10,550	18.1	4.9	20.8	7.5	5.7	20.3
13.555	69.7	2	9:36 PM	81.2	6825	10.95	9.29	8.06	6.43	5.3	3.61	2.43	1.8	8.1	83.4	0.97	24.6	10,394	17.8	4.9	20.9	7.5	5.7	20.2
13.555	69.7	3	9:36 PM	81.2	8756	14.73	12.68	10.97	8.76	7.18	4.79	3.33	2.5	11	83.4	0.97	25.5	9,834	16.6	4.9	20.7	7.5	5.6	19.4
13.555	69.7	4	9:36 PM	81.2	9009	15.22	13.11	11.38	9.08	7.44	4.96	3.46	2.6	11	83.4	0.97	25.5	9,760	16.5	4.9	20.7	7.5	5.6	19.4
13.636	70.5	1	9:37 PM	81.3	6737	14.85	12.11	10.05	7.62	5.85	3.57	2.45	1.9	12	83.4	0.97	31.5	9,234	15.4	4.3	17.3	7.2	5.4	15.7
13.636	70.5	2	9:37 PM	81.3	6726	14.92	12.17	10.1	7.63	5.9	3.65	2.46	1.9	12	83.4	0.97	31.6	9,146	15.2	4.3	17.3	7.2	5.4	15.7
13.636	70.5	3	9:37 PM	81.3	8438	20.12	16.45	13.68	10.36	8.01	4.96	3.34	2.6	16	83.4	0.98	33.6	8,459	13.9	4.2	16.9	7.1	5.3	14.7
13.636	70.5	4	9:37 PM	81.3	8789	21.44	17.52	14.58	11.02	8.54	5.27	3.54	2.7	17	83.4	0.98	34.2	8,265	13.5	4.2	16.8	7.1	5.3	14.5
13.747	69.7	1	9:38 PM	79.8	7297	8.69	7.57	6.6	5.44	4.62	3.24	2.38	1.8	6.4	82.5	0.98	19.9	12,540	22.4	5.2	23.4	7.8	5.9	24.9
13.747	69.7	2	9:38 PM	79.8	7078	8.57	7.44	6.52	5.35	4.56	3.24	2.36	1.9	6.3	82.5	0.98	20.1	12,320	21.9	5.2	23.3	7.8	5.9	24.6
13.747	69.7	3	9:38 PM	79.8	8932	11.45	9.95	8.7	7.22	6.05	4.29	3.07	2.4	8.4	82.5	0.98	21.0	11,738	20.7	5.2	23.0	7.8	5.8	23.6
13.747	69.7	4	9:38 PM	79.8	8998	11.58	10.08	8.79	7.2	6.15	4.3	3.12	2.4	8.5	82.5	0.98	21.0	11,619	20.4	5.2	23.0	7.7	5.8	23.5
13.840	68.9	1	9:39 PM	81.8	6891	10.81	9.06	7.91	6.35	5.25	3.62	2.85	2.1	7.6	83.7	0.97	24.1	10,589	18.2	4.9	21.1	7.6	5.7	20.5
13.840	68.9	2	9:39 PM	81.8	6913	10.77	9.2	8	6.41	5.42	3.81	2.59	2.1	7.9	83.7	0.97	24.0	10,236	17.5	5.0	21.5	7.5	5.7	20.6
13.840	68.9	3	9:39 PM	81.8	8658	14.63	12.27	10.68	8.5	7.07	4.77	3.54	2.7	11	83.7	0.97	25.5	9,885	16.7	4.9	20.6	7.5	5.6	19.4
13.840	68.9	4	9:39 PM	81.8	9020	15.11	12.97	11.19	8.95	7.43	5.03	3.78	2.8	11	83.7	0.97	25.3	9,777	16.5	4.9	20.8	7.5	5.6	19.5
13.929	68.6	1	9:40 PM	81.3	7297	7	5.76	5.06	4.16	3.53	2.54	1.91	1.5	5	83.4	0.97	17.0	16,585	31.7	5.1	23.6	8.1	6.2	29.1
13.929	68.6	2	9:40 PM	81.3	7242	6.81	5.8	5.09	4.2	3.56	2.56	1.92	1.5	5.1	83.4	0.97	16.8	16,211	30.8	5.2	24.2	8.1	6.2	29.4
13.929	68.6	3	9:40 PM	81.3	8789	8.85	7.4	6.49	5.35	4.54	3.25	2.44	2	6.5	83.4	0.97	17.6	15,485	29.1	5.1	23.7	8.1	6.2	28.1
13.929	68.6	4	9:40 PM	81.3	9020	9.14	7.62	6.68	5.51	4.65	3.32	2.49	2	6.7	83.4	0.97	17.7	15,539	29.2	5.1	23.5	8.1	6.1	28.0
14.023	69.6	1	9:41 PM	83.0	7089	10.37	8.88	7.8	6.5	5.52	3.96	2.92	2.2	7.8	84.4	0.97	22.8	10,192	17.4	5.2	22.7	7.6	5.7	21.7
14.023	69.6	2	9:41 PM	83.0	6957	10.31	8.81	7.76	6.44	5.51	3.93	2.93	2.3	7.7	84.4	0.97	23.0	10,012	17.0	5.2	22.7	7.6	5.7	21.5
14.023	69.6	3	9:41 PM	83.0	8800	13.63	11.63	10.22	8.48	7.23	5.16	3.8	2.9	10	84.4	0.97	23.8	9,669	16.3	5.2	22.3	7.5	5.6	20.8
14.023	69.6	4	9:41 PM	83.0	8932	13.96	11.89	10.47	8.68	7.39	5.26	3.88	3	11	84.4	0.97	23.9	9,605	16.2	5.2	22.2	7.5	5.6	20.7

14.116	69.9	1	9:42 PM	82.0	7165	8.28	7.21	6.33	5.3	4.51	3.32	2.47	2	6.3	83.8	0.97	19.3	12,539	22.4	5.3	24.1	7.9	6.0	25.7
14.116	69.9	2	9:42 PM	82.0	7100	8.23	7.12	6.3	5.25	4.52	3.32	2.48	1.9	6.3	83.8	0.97	19.3	12,368	22.0	5.3	24.2	7.9	5.9	25.6
14.116	69.9	3	9:42 PM	82.0	8943	10.95	9.48	8.38	6.96	5.99	4.37	3.25	2.5	8.4	83.8	0.97	20.1	11,769	20.7	5.3	23.9	7.8	5.9	24.6
14.116	69.9	4	9:42 PM	82.0	8998	11.08	9.6	8.47	7.04	6.04	4.41	3.28	2.6	8.5	83.8	0.97	20.2	11,754	20.7	5.3	23.8	7.8	5.9	24.5
14.212	69.5	1	9:43 PM	82.6	6902	9.22	8.06	6.99	5.67	4.8	3.41	2.59	2	6.7	84.1	0.97	21.3	11,468	20.1	5.2	22.8	7.7	5.8	23.2
14.212	69.5	2	9:43 PM	82.6	6825	9.37	7.99	6.92	5.65	4.77	3.39	2.59	2	6.7	84.1	0.97	21.8	11,461	20.1	5.1	22.4	7.7	5.8	22.8
14.212	69.5	3	9:43 PM	82.6	8800	12.79	10.88	9.41	7.66	6.45	4.58	3.39	2.7	9.2	84.1	0.97	22.7	10,946	19.0	5.1	22.0	7.6	5.7	21.8
14.212	69.5	4	9:43 PM	82.6	8954	13.06	11.14	9.65	7.85	6.59	4.67	3.51	2.7	9.4	84.1	0.97	22.8	10,900	18.9	5.1	22.0	7.6	5.7	21.8
14.304	69.2	1	9:44 PM	80.8	6803	17.91	14.83	12.43	9.45	7.68	5.02	3.5	2.6	13	83.0	0.98	36.6	7,165	11.3	4.3	16.7	6.9	5.2	13.5
14.304	69.2	2	9:44 PM	80.8	6650	17.69	14.63	12.35	9.49	7.63	4.97	3.51	2.2	12	83.0	0.98	37.0	7,095	11.2	4.3	16.7	6.9	5.2	13.4
14.304	69.2	3	9:44 PM	80.8	8394	23.54	19.58	16.47	12.61	10.22	6.73	4.75	3.9	16	83.0	0.98	38.7	6,686	10.4	4.3	16.4	6.8	5.1	12.8
14.304	69.2	4	9:44 PM	80.8	8789	24.84	20.71	17.46	13.38	10.81	7.06	4.98	3.7	17	83.0	0.98	38.9	6,617	10.3	4.3	16.3	6.8	5.1	12.7
14.395	69.5	1	9:45 PM	81.4	6748	20.35	16.02	12.79	9.55	7.63	5.26	4.15	3.2	13	83.3	0.98	41.0	7,034	11.1	4.0	15.1	6.8	5.1	12.1
14.395	69.5	2	9:45 PM	81.4	6770	19.74	15.72	12.86	9.59	7.63	5.3	4.05	3.3	13	83.3	0.98	39.9	7,094	11.2	4.0	15.5	6.8	5.1	12.4
14.395	69.5	3	9:45 PM	81.4	8515	26.04	20.77	16.57	12.52	9.97	6.84	5.08	4.2	17	83.3	0.98	41.5	6,818	10.7	4.0	15.1	6.8	5.1	11.9
14.395	69.5	4	9:45 PM	81.4	8822	27.14	21.67	17.31	13	10.39	7.14	5.54	4.4	18	83.3	0.98	41.7	6,778	10.6	4.0	15.1	6.8	5.1	11.9
14.495	70	1	9:46 PM	81.6	6737	21.81	18.02	14.89	11.27	8.84	5.93	4.45	3.5	15	83.4	0.98	43.6	6,134	9.4	4.1	15.1	6.7	5.0	11.3
14.495	70	2	9:46 PM	81.6	6683	21.13	17.64	14.55	11.13	8.8	5.91	4.41	3.5	15	83.4	0.98	42.8	6,129	9.4	4.1	15.4	6.7	5.0	11.6
14.495	70	3	9:46 PM	81.6	8416	27.94	23.16	19.16	14.55	11.39	7.6	5.67	4.4	19	83.4	0.98	44.6	5,951	9.1	4.1	15.0	6.6	4.9	11.1
14.495	70	4	9:46 PM	81.6	8756	29.51	24.52	20.31	15.42	12.08	8.03	5.96	4.7	20	83.4	0.98	45.2	5,840	8.9	4.1	14.9	6.6	4.9	11.0
14.586	70.2	1	9:47 PM	82.5	6694	22.15	17.78	14.62	10.78	8.51	5.33	3.84	3.1	15	84.0	0.98	44.3	6,282	9.7	4.0	14.7	6.7	5.0	11.2
14.586	70.2	2	9:47 PM	82.5	6573	21.48	17.31	14.26	10.6	8.41	5.34	3.9	3	15	84.0	0.98	43.8	6,261	9.6	4.0	14.9	6.7	5.0	11.3
14.586	70.2	3	9:47 PM	82.5	8350	28.45	23.15	19.11	14.13	11.13	6.96	4.99	4.1	20	84.0	0.98	45.4	6,010	9.2	4.0	14.6	6.6	4.9	10.9
14.586	70.2	4	9:47 PM	82.5	8734	30.15	24.48	20.23	14.98	11.78	7.33	5.26	4.2	21	84.0	0.98	46.0	5,938	9.1	4.0	14.5	6.6	4.9	10.8
14.688	70.1	1	9:48 PM	80.6	7078	20.28	17.13	14.58	11.43	9.34	6.41	4.73	3.7	15	82.8	0.98	39.5	6,147	9.4	4.4	16.7	6.8	5.0	12.5
14.688	70.1	2	9:48 PM	80.6	6803	19.23	16.59	14.22	11.17	9.16	6.33	4.71	3.7	14	82.8	0.98	39.0	5,991	9.2	4.5	17.1	6.8	5.0	12.7
14.688	70.1	3	9:48 PM	80.6	8658	26.19	22.11	18.9	14.86	12.16	8.33	6.19	4.9	19	82.8	0.99	41.4	5,772	8.8	4.4	16.4	6.7	5.0	12.0
14.688	70.1	4	9:48 PM	80.6	8976	27.29	23.03	19.69	15.46	12.59	8.65	6.41	5	20	82.8	0.99	41.5	5,783	8.8	4.4	16.3	6.7	5.0	11.9
14.775	70	1	9:49 PM	79.7	6946	12.14	10.32	8.75	6.83	5.54	3.67	2.73	2.2	8.5	82.3	0.98	26.4	10,178	17.4	4.7	19.6	7.4	5.6	18.7
14.775	70	2	9:49 PM	79.7	6737	11.49	9.88	8.43	6.59	5.38	3.67	2.72	2.2	8.2	82.3	0.98	26.0	10,144	17.3	4.7	20.0	7.5	5.6	19.1
14.775	70	3	9:49 PM	79.7	8603	16	13.38	11.38	8.9	7.25	4.91	3.62	2.8	11	82.3	0.98	27.8	9,637	16.2	4.6	19.2	7.4	5.5	17.8
14.775	70	4	9:49 PM	79.7	8866	16.33	13.94	11.87	9.31	7.59	5.11	3.79	3	12	82.3	0.98	27.5	9,469	15.9	4.7	19.5	7.4	5.5	18.0
14.866	70.7	1	9:50 PM	79.4	6990	15.69	13.33	11.34	8.77	7.09	4.75	3.37	2.7	11	82.1	0.99	32.3	8,009	13.0	4.5	18.0	7.1	5.3	15.3
14.866	70.7	2	9:50 PM	79.4	6902	15.4	13.04	11.1	8.61	7.01	4.72	3.4	2.7	11	82.1	0.99	32.2	7,994	12.9	4.6	18.1	7.1	5.3	15.4
14.866	70.7	3	9:50 PM	79.4	8702	20.57	17.43	14.84	11.51	9.31	6.19	4.56	3.6	15	82.1	0.99	33.7	7,592	12.2	4.5	17.7	7.0	5.3	14.7
14.866	70.7	4	9:50 PM	79.4	8965	21.33	18.13	15.42	11.94	9.7	6.46	4.73	3.7	15	82.1	0.99	33.9	7,505	12.0	4.5	17.7	7.0	5.3	14.6
14.966	70.3	1	9:51 PM	79.8	7001	17.99	15.66	13.58	11.04	9.36	6.66	4.87	3.6	14	82.3	0.99	36.2	5,966	9.1	4.9	18.4	6.8	5.1	13.7
14.966	70.3	2	9:51 PM	79.8	6891	17.63	15.41	13.37	10.93	9.29	6.65	4.87	3.7	14	82.3	0.99	36.0	5,901	9.0	4.9	18.6	6.8	5.1	13.7
14.966	70.3	3	9:51 PM	79.8	8680	22.92	19.89	17.3	14.15	11.89	8.44	6.14	4.5	18	82.3	0.99	37.0	5,826	8.9	4.8	18.2	6.8	5.1	13.4
14.966	70.3	4	9:51 PM	79.8	8921	23.77	20.63	18	14.71	12.35	8.75	6.35	4.8	18	82.3	0.99	37.3	5,764	8.7	4.8	18.2	6.8	5.1	13.3
15.045	70.8	1	9:52 PM	82.1	6331	26.39	20.02	15.59	10.92	8.53	5.62	4.11	3.3	16	83.6	0.98	54.4	5,700	8.6	3.4	12.5	6.4	4.8	9.1
15.045	70.8	2	9:52 PM	82.1	6397	25	19.28	15.2	10.84	8.46	5.67	4.16	3.3	15	83.6	0.98	51.4	5,879	9.0	3.6	13.1	6.5	4.8	9.6
15.045	70.8	3	9:52 PM	82.1	8350	32.61	25.47	20.09	14.27	11.15	7.44	5.44	4.3	20	83.6	0.98	51.3	5,838	8.9	3.6	13.1	6.5	4.8	9.6
15.045	70.8	4	9:52 PM	82.1	8789	34.19	26.86	21.26	15.07	11.78	7.83	5.75	4.5	21	83.6	0.98	51.2	5,827	8.9	3.6	13.2	6.5	4.8	9.7


BIA 32
Allowable Spring Axle Load, Tons
40
35
30
25
20
15
10
5
0
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
Test Location, miles
AASHTO
TONN

BIA 32


Eff. Structural Number
Eff. R-value
Test Location, miles
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
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

County:	Shannon County SD
Date Tested:	6/20/2008
Julian:	172
Highway	BIA 28
From:	BIA 2B (Sharps Corner)
To:	Pennington County Line
Dir	NB
Prev Day Temp	75 °F
Bit. Thickness	7.8 inches
Daily ESALs	10
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	88,685
Soil Type	P
Drought Adj.	1.00
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
	16.83	14.02	11.78	9.13	7.34	4.62	3.14
		0.83	0.70	0.54	0.44	0.27	0.19

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	Eff SN inches	AASHTO	Soil Fact.	Inv 183	TONN Tons
Avg. =	29.8	9,057	15.2	4.7	18.0	6.7	5.1	17.3
Median =	29.94	8,288	13.5	4.7	17.9	6.7	5.0	16.5
Std.Dev. =	5.912	2,543	5.4	0.4	1.9	0.3	0.2	3.4
85th % =	23.77	6,938	10.9	4.3	16.2	6.4	4.8	14.1

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
0.019	70.3	1	2:48 PM	79.9	7034	7.65	6.57	5.56	4.44	3.61	2.48	1.83	1.4	5.6	80.6	0.99	19.0	15,771	29.8	4.8	20.7	7.5	5.7	26.1
0.019	70.3	2	2:48 PM	79.9	6628	7.49	6.44	5.46	4.31	3.61	2.48	1.84	1.5	5.5	80.6	0.99	19.5	14,825	27.6	4.8	20.8	7.4	5.6	25.4
0.019	70.3	3	2:48 PM	79.9	8559	10.58	8.45	7.2	5.74	4.7	3.21	2.39	1.9	7.2	80.6	0.99	20.7	14,808	27.5	4.6	19.5	7.4	5.6	23.9
0.019	70.3	4	2:48 PM	79.9	8976	10.81	8.85	7.52	6.02	4.94	3.39	2.5	2	7.6	80.6	0.99	20.4	14,748	27.4	4.7	19.9	7.4	5.6	24.3
0.098	69.7	1	2:50 PM	80.6	6650	9.67	7.44	6.01	4.33	3.24	1.76	1.02	0.7	6.3	81.1	0.99	23.2	15,915	30.1	4.0	16.9	7.3	5.5	21.4
0.098	69.7	2	2:50 PM	80.6	6672	9.34	7.12	5.77	4.15	3.14	1.7	1	0.7	6.1	81.1	0.99	22.5	16,491	31.5	4.0	17.0	7.3	5.6	22.0
0.098	69.7	3	2:50 PM	80.6	8702	12.44	9.45	7.39	5.25	3.95	2.13	1.24	0.8	7.8	81.1	0.99	22.9	16,831	32.3	3.9	16.6	7.3	5.6	21.7
0.098	69.7	4	2:50 PM	80.6	9064	12.97	9.83	7.69	5.43	4.07	2.21	1.28	0.9	8.2	81.1	0.99	22.9	16,956	32.6	3.9	16.5	7.3	5.6	21.6
0.191	69.6	1	2:51 PM	80.2	6661	10.92	9.09	7.86	6.23	5.08	3.35	2.31	1.6	7.7	80.9	0.99	25.4	10,627	18.3	4.7	18.8	7.0	5.2	19.5
0.191	69.6	2	2:51 PM	80.2	6748	10.81	9.01	7.77	6.19	5.06	3.35	2.27	1.7	7.7	80.9	0.99	25.0	10,804	18.7	4.7	19.0	7.0	5.3	19.8
0.191	69.6	3	2:51 PM	80.2	8756	14.08	11.78	10.13	8.12	6.69	4.36	2.97	2.2	10	80.9	0.99	25.1	10,587	18.2	4.8	19.1	7.0	5.3	19.7
0.191	69.6	4	2:51 PM	80.2	8976	14.37	12.08	10.43	8.33	6.84	4.49	3.11	2.2	10	80.9	0.99	25.0	10,612	18.3	4.8	19.2	7.0	5.3	19.8
0.281	70	1	2:52 PM	81.4	6694	10.77	8.99	7.65	5.93	4.74	2.97	2	1.5	7.7	81.6	0.99	24.9	11,488	20.1	4.6	18.5	7.0	5.3	19.9
0.281	70	2	2:52 PM	81.4	6759	10.67	8.89	7.51	5.87	4.7	2.98	2	1.5	7.6	81.6	0.99	24.6	11,699	20.6	4.6	18.6	7.1	5.3	20.2
0.281	70	3	2:52 PM	81.4	8713	13.91	11.59	9.84	7.71	6.17	3.93	2.64	2	10	81.6	0.99	24.8	11,483	20.1	4.6	18.6	7.0	5.3	20.0
0.281	70	4	2:52 PM	81.4	9064	14.46	12.06	10.26	8.04	6.44	4.09	2.76	2	10	81.6	0.99	24.8	11,443	20.0	4.6	18.6	7.0	5.3	20.0
0.379	70.4	1	2:53 PM	80.4	6770	7.83	6.54	5.65	4.55	3.72	2.42	1.59	1.1	5.8	81.0	0.99	19.7	14,721	27.3	4.8	20.6	7.4	5.6	25.1
0.379	70.4	2	2:53 PM	80.4	6803	7.69	6.43	5.56	4.47	3.66	2.39	1.55	1.1	5.7	81.0	0.99	19.4	15,032	28.1	4.8	20.7	7.5	5.6	25.5
0.379	70.4	3	2:53 PM	80.4	8965	10.31	8.59	7.46	6.02	4.93	3.21	2.15	1.5	7.6	81.0	0.99	19.6	14,698	27.3	4.8	20.7	7.4	5.6	25.2
0.379	70.4	4	2:53 PM	80.4	9075	10.42	8.69	7.53	6.09	4.99	3.26	2.18	1.5	7.8	81.0	0.99	19.6	14,696	27.3	4.8	20.7	7.4	5.6	25.2
0.477	70.7	1	2:54 PM	81.3	6704	8.89	7.52	6.46	5.18	4.23	2.71	1.74	1.2	6.5	81.6	0.99	21.6	12,818	23.0	4.8	20.2	7.3	5.5	22.9
0.477	70.7	2	2:54 PM	81.3	6770	8.81	7.43	6.38	5.11	4.18	2.69	1.73	1.2	6.5	81.6	0.99	21.3	13,103	23.7	4.8	20.2	7.3	5.5	23.2
0.477	70.7	3	2:54 PM	81.3	8811	11.67	9.83	8.48	6.81	5.58	3.6	2.33	1.6	8.7	81.6	0.99	21.6	12,763	22.9	4.8	20.2	7.3	5.5	22.9
0.477	70.7	4	2:54 PM	81.3	9031	11.91	10.06	8.69	6.98	5.72	3.69	2.42	1.7	8.9	81.6	0.99	21.5	12,755	22.9	4.9	20.3	7.3	5.5	23.0

0.566	71.2	1	2:55 PM	81.9	6595	11.29	9.6	8.22	6.58	5.43	3.54	2.31	1.6	8.4	82.0	0.98	26.1	9,810	16.6	4.8	19.1	6.9	5.2	19.0
0.566	71.2	2	2:55 PM	81.9	6650	11.08	9.41	8.07	6.45	5.34	3.52	2.3	1.7	8.2	82.0	0.98	25.5	10,056	17.1	4.8	19.2	6.9	5.2	19.4
0.566	71.2	3	2:55 PM	81.9	8702	14.66	12.41	10.66	8.55	7.09	4.67	3.07	2.2	11	82.0	0.98	25.8	9,907	16.8	4.8	19.2	6.9	5.2	19.2
0.566	71.2	4	2:55 PM	81.9	9009	15.12	12.81	11.02	8.85	7.34	4.81	3.19	2.2	11	82.0	0.98	25.7	9,902	16.8	4.9	19.3	6.9	5.2	19.3
0.665	71	1	2:56 PM	79.9	6748	9.71	8.11	7.02	5.53	4.52	2.92	2	1.5	7	80.8	0.99	23.1	12,100	21.5	4.7	19.4	7.2	5.4	21.4
0.665	71	2	2:56 PM	79.9	6781	9.56	7.96	6.87	5.43	4.44	2.87	1.98	1.5	6.9	80.8	0.99	22.7	12,381	22.1	4.7	19.5	7.2	5.4	21.8
0.665	71	3	2:56 PM	79.9	8932	12.69	10.59	9.13	7.25	5.93	3.84	2.64	2	9.2	80.8	0.99	22.9	12,203	21.7	4.7	19.5	7.2	5.4	21.6
0.665	71	4	2:56 PM	79.9	9020	12.78	10.67	9.22	7.32	5.98	3.86	2.65	2	9.3	80.8	0.99	22.8	12,219	21.7	4.8	19.6	7.2	5.4	21.7
0.764	71.3	1	2:57 PM	80.8	6694	12.91	10.89	9.32	7.45	6.16	4.08	2.73	2	9.3	81.4	0.99	28.7	8,785	14.5	4.7	18.2	6.7	5.1	17.2
0.764	71.3	2	2:57 PM	80.8	6748	12.74	10.7	9.17	7.36	6.09	4.06	2.73	2	9.2	81.4	0.99	28.3	8,957	14.8	4.7	18.4	6.8	5.1	17.5
0.764	71.3	3	2:57 PM	80.8	8778	16.76	14.03	12.04	9.69	7.98	5.33	3.6	2.6	12	81.4	0.99	28.5	8,896	14.7	4.7	18.3	6.7	5.1	17.4
0.764	71.3	4	2:57 PM	80.8	8987	17.14	14.37	12.35	9.93	8.2	5.46	3.68	2.7	12	81.4	0.99	28.5	8,858	14.6	4.7	18.3	6.7	5.1	17.4
0.866	71.6	1	2:58 PM	82.0	6694	10.32	8.46	7.03	5.41	4.32	2.88	2.1	1.7	6.8	82.1	0.98	24.0	12,511	22.4	4.5	18.4	7.1	5.4	20.6
0.866	71.6	2	2:58 PM	82.0	6737	10.16	8.31	6.94	5.37	4.32	2.89	2.14	1.7	6.8	82.1	0.98	23.6	12,608	22.6	4.5	18.6	7.2	5.4	21.0
0.866	71.6	3	2:58 PM	82.0	8811	13.45	10.97	9.17	7.08	5.68	3.8	2.78	2.3	9	82.1	0.98	23.8	12,535	22.4	4.5	18.5	7.1	5.4	20.8
0.866	71.6	4	2:58 PM	82.0	9031	13.75	11.21	9.37	7.27	5.85	3.89	2.86	2.3	9.3	82.1	0.98	23.8	12,480	22.3	4.5	18.6	7.1	5.4	20.8
0.947	72	1	2:59 PM	81.4	6639	17.65	14.63	12.22	9.26	7.35	4.46	2.89	2.1	12	81.8	0.99	37.2	7,290	11.6	4.2	15.3	6.4	4.8	13.3
0.947	72	2	2:59 PM	81.4	6639	17.09	14.18	11.87	9.03	7.18	4.4	2.89	2.1	12	81.8	0.99	36.2	7,468	11.9	4.3	15.6	6.4	4.8	13.7
0.947	72	3	2:59 PM	81.4	8647	22.54	18.65	15.62	11.93	9.46	5.79	3.78	2.8	16	81.8	0.99	36.6	7,382	11.8	4.3	15.5	6.4	4.8	13.5
0.947	72	4	2:59 PM	81.4	8965	23.36	19.36	16.22	12.41	9.85	6.03	3.93	2.9	16	81.8	0.99	36.6	7,353	11.7	4.3	15.5	6.4	4.8	13.5
1.051	72.3	1	3:00 PM	83.2	6584	10.86	9.17	8.03	6.5	5.48	3.93	2.96	2.3	8.2	82.8	0.98	25.2	9,638	16.2	5.0	19.9	6.9	5.2	19.6
1.051	72.3	2	3:00 PM	83.2	6639	10.66	9.04	7.92	6.46	5.45	3.93	2.99	2.4	8.1	82.8	0.98	24.7	9,749	16.5	5.0	20.2	6.9	5.2	20.0
1.051	72.3	3	3:00 PM	83.2	8658	13.88	11.71	10.27	8.39	7.03	5.06	3.78	3	10	82.8	0.98	24.7	9,873	16.7	5.0	20.1	7.0	5.2	20.1
1.051	72.3	4	3:00 PM	83.2	9009	14.4	12.19	10.64	8.71	7.33	5.25	3.94	3.1	11	82.8	0.98	24.6	9,844	16.7	5.0	20.2	7.0	5.2	20.1
1.149	72.9	1	3:01 PM	81.8	6617	8.76	7.16	6.2	5.04	4.23	2.92	1.98	1.5	6.4	82.1	0.98	21.5	12,629	22.6	4.9	20.4	7.2	5.5	23.0
1.149	72.9	2	3:01 PM	81.8	6672	8.46	6.95	6.01	4.87	4.09	2.82	1.99	1.4	6.3	82.1	0.98	20.8	13,167	23.8	4.9	20.6	7.3	5.5	23.7
1.149	72.9	3	3:01 PM	81.8	8734	11.17	9.17	7.91	6.46	5.4	3.72	2.68	2	8.2	82.1	0.98	21.0	13,057	23.6	4.9	20.6	7.3	5.5	23.6
1.149	72.9	4	3:01 PM	81.8	9075	11.58	9.46	8.19	6.68	5.58	3.85	2.77	2.1	8.6	82.1	0.98	20.9	13,133	23.7	4.9	20.6	7.3	5.5	23.6
1.239	73.6	1	3:02 PM	82.3	6726	7.61	5.99	4.91	3.57	2.76	1.65	1.06	0.8	4.7	82.4	0.97	19.1	19,256	38.2	4.2	18.5	7.6	5.8	25.9
1.239	73.6	2	3:02 PM	82.3	6748	7.44	5.81	4.77	3.48	2.68	1.61	1.04	0.8	4.6	82.4	0.97	18.8	19,867	39.7	4.2	18.5	7.6	5.8	26.4
1.239	73.6	3	3:02 PM	82.3	8855	9.89	7.81	6.42	4.68	3.67	2.21	1.44	1.1	6.2	82.4	0.97	18.9	19,152	37.9	4.3	18.7	7.6	5.8	26.1
1.239	73.6	4	3:02 PM	82.3	9042	10.1	7.97	6.57	4.78	3.76	2.27	1.48	1.1	6.4	82.4	0.97	18.9	19,099	37.8	4.3	18.7	7.6	5.8	26.1
1.338	73.9	1	3:03 PM	82.2	6836	8.54	7.09	6.13	4.92	4.09	2.81	2	1.5	5.9	82.3	0.98	20.6	13,507	24.6	4.9	20.6	7.3	5.5	24.1
1.338	73.9	2	3:03 PM	82.2	6847	8.39	6.95	6.02	4.83	4.03	2.77	1.99	1.5	5.8	82.3	0.98	20.3	13,726	25.1	4.9	20.7	7.4	5.5	24.4
1.338	73.9	3	3:03 PM	82.2	8987	11.18	9.24	8.02	6.46	5.37	3.69	2.65	2	7.8	82.3	0.98	20.5	13,520	24.6	4.9	20.7	7.3	5.5	24.1
1.338	73.9	4	3:03 PM	82.2	8976	11.12	9.2	7.99	6.43	5.36	3.69	2.65	2	7.8	82.3	0.98	20.5	13,523	24.6	4.9	20.7	7.3	5.5	24.2
1.437	74.4	1	3:04 PM	82.7	6672	14.93	12.69	10.93	8.34	6.72	4.17	2.77	2.1	11	82.6	0.98	32.1	8,067	13.1	4.5	17.0	6.6	5.0	15.4
1.437	74.4	2	3:04 PM	82.7	6759	14.63	12.42	10.7	8.19	6.61	4.15	2.79	2.2	11	82.6	0.98	31.2	8,307	13.6	4.6	17.2	6.6	5.0	15.9
1.437	74.4	3	3:04 PM	82.7	8756	19.25	16.3	14.05	10.82	8.7	5.46	3.63	2.8	14	82.6	0.98	31.6	8,176	13.3	4.6	17.1	6.6	5.0	15.7
1.437	74.4	4	3:04 PM	82.7	8932	19.65	16.64	14.36	11.06	8.91	5.59	3.72	2.9	14	82.6	0.98	31.6	8,142	13.2	4.6	17.2	6.6	5.0	15.7
1.523	74.8	1	3:05 PM	83.4	6737	13.26	11.39	9.84	7.86	6.43	4	2.52	1.7	9.8	83.1	0.98	28.8	8,455	13.8	4.8	18.5	6.7	5.1	17.2
1.523	74.8	2	3:05 PM	83.4	6781	13.04	11.14	9.65	7.72	6.32	3.96	2.52	1.8	9.8	83.1	0.98	28.3	8,659	14.2	4.8	18.6	6.7	5.1	17.5
1.523	74.8	3	3:05 PM	83.4	8877	17.38	14.89	12.9	10.37	8.5	5.36	3.43	2.4	13	83.1	0.98	28.7	8,418	13.8	4.8	18.6	6.7	5.1	17.2
1.523	74.8	4	3:05 PM	83.4	8998	17.6	15.06	13.05	10.48	8.61	5.43	3.47	2.5	13	83.1	0.98	28.7	8,423	13.8	4.8	18.6	6.7	5.1	17.3

1.613	74.6	1	3:06 PM	83.9	6584	15.96	13.27	11.15	8.42	6.61	3.85	2.39	1.7	11	83.4	0.97	34.0	8,035	13.0	4.3	16.1	6.5	4.9	14.6
1.613	74.6	2	3:06 PM	83.9	6650	15.54	12.94	10.89	8.24	6.47	3.8	2.38	1.7	11	83.4	0.97	33.0	8,295	13.5	4.4	16.3	6.6	4.9	15.0
1.613	74.6	3	3:06 PM	83.9	8625	20.49	17.04	14.38	10.96	8.61	5.1	3.23	2.3	15	83.4	0.97	33.5	8,091	13.1	4.4	16.3	6.5	4.9	14.8
1.613	74.6	4	3:06 PM	83.9	8921	21.2	17.63	14.88	11.34	8.94	5.3	3.34	2.4	15	83.4	0.97	33.5	8,062	13.1	4.4	16.3	6.5	4.9	14.8
1.710	75.4	1	3:07 PM	81.5	6650	11.26	9.05	7.54	5.67	4.49	2.78	1.86	1.4	7.5	82.0	0.98	25.8	11,895	21.0	4.4	17.6	7.0	5.3	19.2
1.710	75.4	2	3:07 PM	81.5	6694	11.04	8.83	7.38	5.56	4.41	2.76	1.87	1.4	7.4	82.0	0.98	25.3	12,193	21.7	4.4	17.7	7.1	5.3	19.6
1.710	75.4	3	3:07 PM	81.5	8756	14.73	11.81	9.88	7.53	5.96	3.74	2.56	2	10	82.0	0.98	25.7	11,822	20.9	4.4	17.7	7.0	5.3	19.3
1.710	75.4	4	3:07 PM	81.5	8932	14.99	12.04	10.09	7.66	6.08	3.83	2.61	2	10	82.0	0.98	25.6	11,824	20.9	4.4	17.7	7.0	5.3	19.3
1.809	75.7	1	3:08 PM	82.8	6562	15.66	12.76	10.39	7.64	5.91	3.65	2.6	2.1	10	82.8	0.98	33.7	8,841	14.6	4.1	15.5	6.6	5.0	14.7
1.809	75.7	2	3:08 PM	82.8	6606	15.23	12.43	10.16	7.5	5.84	3.63	2.61	2.1	10	82.8	0.98	32.8	9,031	15.0	4.2	15.8	6.6	5.0	15.1
1.809	75.7	3	3:08 PM	82.8	8625	20.09	16.35	13.39	9.91	7.72	4.8	3.44	2.8	13	82.8	0.98	33.0	8,923	14.8	4.2	15.7	6.6	5.0	15.0
1.809	75.7	4	3:08 PM	82.8	8932	20.72	16.88	13.84	10.28	7.99	4.98	3.56	2.8	14	82.8	0.98	32.9	8,934	14.8	4.2	15.8	6.6	5.0	15.0
1.901	75.7	1	3:09 PM	82.5	6518	18.99	18.31	8.85	7.06	5.81	4.02	3	2.4	12	82.7	0.98	39.9	8,477	13.9	3.6	13.4	6.4	4.8	12.4
1.901	75.7	2	3:09 PM	82.5	6595	18.59	17.81	9.04	7.2	5.91	4.07	3.04	2.5	12	82.7	0.98	38.8	8,529	14.0	3.7	13.7	6.4	4.8	12.8
1.901	75.7	3	3:09 PM	82.5	8515	23.95	22.62	12.14	9.56	7.76	5.3	3.94	3.2	15	82.7	0.98	38.7	8,432	13.8	3.7	13.8	6.4	4.8	12.8
1.901	75.7	4	3:09 PM	82.5	8877	24.96	23.48	12.79	9.99	8.11	5.54	4.12	3.3	16	82.7	0.98	38.7	8,418	13.8	3.7	13.8	6.4	4.8	12.8
1.995	76.3	1	3:09 PM	85.0	6694	13.19	10.97	9.44	7.3	5.82	3.61	2.4	1.8	9.5	84.1	0.97	28.6	9,355	15.7	4.6	17.8	6.8	5.1	17.3
1.995	76.3	2	3:09 PM	85.0	6748	12.99	10.77	9.27	7.17	5.74	3.57	2.38	1.8	9.3	84.1	0.97	28.1	9,562	16.1	4.6	17.9	6.8	5.1	17.6
1.995	76.3	3	3:09 PM	85.0	8756	17	14.12	12.15	9.45	7.56	4.71	3.17	2.4	12	84.1	0.97	28.3	9,418	15.8	4.6	17.9	6.8	5.1	17.5
1.995	76.3	4	3:09 PM	85.0	8954	17.38	14.44	12.44	9.69	7.73	4.84	3.26	2.5	13	84.1	0.97	28.3	9,418	15.8	4.6	17.9	6.8	5.1	17.5
2.096	75.8	1	3:11 PM	82.5	6639	14.54	11.77	9.7	7.28	5.79	3.69	2.61	2.1	10	82.7	0.98	31.5	9,207	15.4	4.3	16.3	6.7	5.0	15.7
2.096	75.8	2	3:11 PM	82.5	6726	14.38	11.54	9.54	7.19	5.74	3.69	2.65	2.1	10	82.7	0.98	30.8	9,413	15.8	4.3	16.4	6.7	5.1	16.0
2.096	75.8	3	3:11 PM	82.5	8713	18.64	15.02	12.41	9.38	7.48	4.81	3.46	2.7	14	82.7	0.98	30.9	9,363	15.7	4.3	16.5	6.7	5.0	16.0
2.096	75.8	4	3:11 PM	82.5	9042	19.26	15.5	12.85	9.72	7.75	4.98	3.57	2.8	14	82.7	0.98	30.8	9,381	15.7	4.3	16.5	6.7	5.1	16.1
2.189	75.8	1	3:12 PM	84.3	6595	13.77	10.64	8.56	6.14	4.72	2.88	1.86	1.4	8.4	83.8	0.97	29.9	10,696	18.9	4.0	15.8	6.8	5.1	16.5
2.189	75.8	2	3:12 PM	84.3	6672	13.35	10.33	8.33	6.01	4.61	2.83	1.94	1.4	8.2	83.8	0.97	28.9	11,308	19.7	4.1	16.1	6.9	5.2	17.1
2.189	75.8	3	3:12 PM	84.3	8669	17.36	13.48	10.87	7.88	6.08	3.77	2.57	2	11	83.8	0.97	28.9	11,178	19.5	4.1	16.1	6.9	5.2	17.1
2.189	75.8	4	3:12 PM	84.3	9009	17.92	13.93	11.33	8.2	6.36	3.93	2.72	2	11	83.8	0.97	28.8	11,139	19.4	4.1	16.2	6.9	5.2	17.2
2.277	75.9	1	3:12 PM	85.0	6650	10.98	8.54	6.73	4.78	3.7	2.24	1.5	1.1	6.7	84.2	0.96	24.7	13,957	25.6	4.1	16.9	7.2	5.4	20.0
2.277	75.9	2	3:12 PM	85.0	6715	10.8	8.36	6.6	4.72	3.65	2.24	1.51	1.1	6.6	84.2	0.96	24.2	14,299	26.4	4.1	17.0	7.2	5.4	20.4
2.277	75.9	3	3:12 PM	85.0	8778	14.28	11.15	8.85	6.35	4.92	3.02	2.04	1.5	8.9	84.2	0.96	24.4	13,934	25.5	4.1	17.1	7.2	5.4	20.2
2.277	75.9	4	3:12 PM	85.0	8954	14.54	11.38	9.04	6.5	5.04	3.09	2.09	1.6	9.1	84.2	0.96	24.4	13,895	25.5	4.2	17.1	7.2	5.4	20.3
2.369	75.8	1	3:13 PM	88.6	6551	11.87	9.54	7.78	5.74	4.42	2.73	1.83	1.3	7.7	86.3	0.95	26.1	11,772	20.7	4.3	17.4	7.0	5.3	18.9
2.369	75.8	2	3:13 PM	88.6	6617	11.65	9.31	7.59	5.62	4.33	2.68	1.82	1.3	7.6	86.3	0.94	25.5	12,133	21.5	4.3	17.5	7.1	5.3	19.4
2.369	75.8	3	3:13 PM	88.6	8658	15.61	12.54	10.28	7.66	5.94	3.69	2.49	1.9	10	86.3	0.95	26.1	11,622	20.4	4.4	17.6	7.0	5.3	19.0
2.369	75.8	4	3:13 PM	88.6	9009	16.3	13.09	10.76	8.02	6.22	3.87	2.6	1.9	11	86.3	0.95	26.1	11,555	20.3	4.4	17.6	7.0	5.3	18.9
2.455	76.5	1	3:14 PM	86.7	6661	10.08	8.14	6.72	4.94	3.85	2.39	1.7	1.3	6.7	85.2	0.95	22.9	13,804	25.3	4.4	18.3	7.2	5.5	21.6
2.455	76.5	2	3:14 PM	86.7	6694	9.89	7.94	6.57	4.87	3.8	2.38	1.69	1.3	6.6	85.2	0.95	22.5	14,069	25.9	4.4	18.4	7.3	5.5	22.0
2.455	76.5	3	3:14 PM	86.7	8734	12.99	10.46	8.67	6.42	5	3.12	2.22	1.7	8.7	85.2	0.95	22.7	13,957	25.6	4.4	18.4	7.3	5.5	21.9
2.455	76.5	4	3:14 PM	86.7	9075	13.48	10.85	9	6.68	5.21	3.25	2.32	1.8	9	85.2	0.95	22.6	13,925	25.5	4.4	18.5	7.3	5.5	21.9
2.561	76.3	1	3:15 PM	87.9	6650	15.08	12.41	10.2	7.5	5.73	3.2	2	1.5	10	85.9	0.95	31.4	9,252	15.4	4.3	16.3	6.7	5.0	15.7
2.561	76.3	2	3:15 PM	87.9	6639	14.62	11.98	9.87	7.27	5.57	3.13	1.98	1.5	9.9	85.9	0.95	30.7	9,506	16.0	4.3	16.4	6.7	5.1	16.1
2.561	76.3	3	3:15 PM	87.9	8713	19.46	16.02	13.23	9.81	7.51	4.22	2.63	2	13	85.9	0.95	31.1	9,273	15.5	4.3	16.4	6.7	5.0	15.9
2.561	76.3	4	3:15 PM	87.9	9031	20.24	16.69	13.76	10.23	7.85	4.46	2.68	2	14	85.9	0.95	31.2	9,203	15.3	4.3	16.5	6.7	5.0	15.9

2.647	76.6	1	3:16 PM	87.1	6617	12.28	9.98	8.3	6.48	5.33	3.77	2.83	2.2	8.2	85.5	0.96	27.0	10,105	17.2	4.6	18.1	6.9	5.2	18.3
2.647	76.6	2	3:16 PM	87.1	6715	12.11	9.81	8.18	6.41	5.28	3.74	2.82	2.2	8.1	85.5	0.96	26.4	10,351	17.7	4.6	18.4	6.9	5.2	18.7
2.647	76.6	3	3:16 PM	87.1	8734	15.95	12.93	10.81	8.5	7.01	4.96	3.75	3	11	85.5	0.96	26.7	10,137	17.3	4.6	18.4	6.9	5.2	18.6
2.647	76.6	4	3:16 PM	87.1	9031	16.54	13.36	11.2	8.82	7.28	5.14	3.89	3.1	11	85.5	0.96	26.7	10,091	17.2	4.7	18.3	6.9	5.2	18.5
2.760	76.9	1	3:17 PM	85.5	6617	14.18	11.79	9.99	7.52	5.89	3.5	2.28	1.7	10	84.6	0.96	30.4	9,064	15.1	4.4	17.0	6.7	5.0	16.3
2.760	76.9	2	3:17 PM	85.5	6704	13.86	11.5	9.69	7.39	5.78	3.46	2.29	1.8	9.8	84.6	0.96	29.6	9,363	15.7	4.5	17.2	6.7	5.1	16.7
2.760	76.9	3	3:17 PM	85.5	8702	18.41	15.32	12.94	9.84	7.75	4.65	3.04	2.3	13	84.6	0.96	30.1	9,070	15.1	4.5	17.1	6.7	5.1	16.4
2.760	76.9	4	3:17 PM	85.5	9042	19.13	15.92	13.52	10.26	8.08	4.85	3.18	2.4	14	84.6	0.96	30.1	9,042	15.0	4.5	17.2	6.7	5.1	16.4
2.849	76.9	1	3:18 PM	86.0	6715	11.17	9.04	7.57	5.96	4.94	3.46	2.63	2.1	7.6	84.9	0.96	24.9	11,056	19.2	4.7	18.8	7.0	5.3	19.9
2.849	76.9	2	3:18 PM	86.0	6770	10.9	8.8	7.39	5.85	4.84	3.43	2.6	2.1	7.4	84.9	0.96	24.3	11,375	19.9	4.7	19.1	7.1	5.3	20.4
2.849	76.9	3	3:18 PM	86.0	8789	14.23	11.46	9.68	7.68	6.36	4.46	3.41	2.7	9.7	84.9	0.96	24.4	11,234	19.6	4.7	19.1	7.1	5.3	20.3
2.849	76.9	4	3:18 PM	86.0	8987	14.52	11.72	9.87	7.82	6.49	4.59	3.5	2.8	10	84.9	0.96	24.3	11,256	19.6	4.7	19.1	7.1	5.3	20.3
2.939	76.4	1	3:19 PM	82.7	6672	17.57	14.53	12.22	9.45	7.61	4.98	3.52	2.6	12	83.0	0.98	36.6	7,136	11.3	4.3	15.7	6.4	4.8	13.5
2.939	76.4	2	3:19 PM	82.7	6726	17.2	14.17	11.96	9.3	7.5	4.96	3.48	2.6	12	83.0	0.98	35.7	7,299	11.6	4.4	16.0	6.4	4.8	13.9
2.939	76.4	3	3:19 PM	82.7	8691	22.66	18.67	15.78	12.32	9.93	6.59	4.65	3.5	16	83.0	0.98	36.3	7,121	11.3	4.4	15.9	6.4	4.8	13.6
2.939	76.4	4	3:19 PM	82.7	9009	23.57	19.41	16.43	12.8	10.38	6.85	4.85	3.6	16	83.0	0.98	36.4	7,060	11.1	4.4	15.9	6.4	4.8	13.6
3.031	76.8	1	3:20 PM	85.1	6551	16.72	14.1	11.76	8.64	6.57	3.74	2.36	1.7	11	84.4	0.97	35.2	7,992	12.9	4.2	15.6	6.5	4.9	14.1
3.031	76.8	2	3:20 PM	85.1	6628	16.41	13.83	11.51	8.52	6.49	3.72	2.33	1.7	11	84.4	0.97	34.3	8,193	13.3	4.2	15.8	6.5	4.9	14.4
3.031	76.8	3	3:20 PM	85.1	8647	21.86	18.48	15.41	11.45	8.74	5.03	3.19	2.4	15	84.4	0.97	34.9	7,949	12.8	4.3	15.7	6.5	4.9	14.2
3.031	76.8	4	3:20 PM	85.1	8976	22.79	19.22	16.06	11.94	9.12	5.24	3.33	2.5	16	84.4	0.97	35.0	7,908	12.8	4.3	15.7	6.5	4.9	14.1
3.129	76.9	1	3:21 PM	85.8	6595	18.78	15.19	12.45	9.08	6.79	3.72	2.31	1.7	13	84.9	0.96	38.4	7,669	12.3	4.0	14.5	6.4	4.8	12.9
3.129	76.9	2	3:21 PM	85.8	6650	18.35	14.82	12.18	8.93	6.67	3.69	2.31	1.7	12	84.9	0.96	37.4	7,881	12.7	4.0	14.7	6.4	4.8	13.2
3.129	76.9	3	3:21 PM	85.8	8647	24.32	19.7	16.2	11.94	8.92	4.93	3.07	2.2	16	84.9	0.96	38.0	7,677	12.3	4.0	14.7	6.4	4.8	13.0
3.129	76.9	4	3:21 PM	85.8	8943	25.14	20.34	16.75	12.35	9.21	5.1	3.17	2.3	17	84.9	0.96	38.0	7,688	12.3	4.0	14.7	6.4	4.8	13.0
3.218	77	1	3:22 PM	84.5	6518	16.02	13.38	11.2	8.4	6.59	4.04	2.71	2	11	84.1	0.97	34.2	7,973	12.9	4.3	16.0	6.5	4.9	14.5
3.218	77	2	3:22 PM	84.5	6529	15.72	13.12	11.02	8.31	6.51	4	2.67	2	11	84.1	0.97	33.7	8,090	13.1	4.3	16.2	6.5	4.9	14.7
3.218	77	3	3:22 PM	84.5	8570	20.77	17.35	14.58	11.06	8.69	5.33	3.57	2.8	15	84.1	0.97	33.8	7,963	12.9	4.4	16.2	6.5	4.9	14.6
3.218	77	4	3:22 PM	84.5	8976	21.7	18.09	15.23	11.57	9.05	5.58	3.71	2.8	15	84.1	0.97	33.8	8,006	13.0	4.4	16.2	6.5	4.9	14.7
3.321	76.8	1	3:23 PM	84.4	6781	12.85	11.05	9.64	7.77	6.31	3.89	2.56	1.9	9.9	84.1	0.97	27.8	8,657	14.2	4.9	19.0	6.8	5.1	17.8
3.321	76.8	2	3:23 PM	84.4	6825	12.69	10.87	9.48	7.65	6.22	3.87	2.56	1.9	9.8	84.1	0.97	27.3	8,842	14.6	4.9	19.1	6.8	5.1	18.1
3.321	76.8	3	3:23 PM	84.4	8965	16.91	14.5	12.66	10.23	8.35	5.19	3.43	2.6	13	84.1	0.97	27.7	8,642	14.2	4.9	19.1	6.8	5.1	17.9
3.321	76.8	4	3:23 PM	84.4	9097	17.14	14.73	12.85	10.39	8.46	5.27	3.48	2.6	13	84.1	0.97	27.6	8,655	14.2	4.9	19.1	6.8	5.1	17.9
3.415	77.2	1	3:24 PM	84.7	6485	18.48	15.37	12.84	9.63	7.52	4.44	2.9	2.2	13	84.3	0.97	38.7	6,944	10.9	4.2	15.1	6.3	4.8	12.8
3.415	77.2	2	3:24 PM	84.7	6551	18.04	15.04	12.58	9.49	7.41	4.43	2.91	2.2	13	84.3	0.97	37.6	7,125	11.3	4.2	15.3	6.3	4.8	13.2
3.415	77.2	3	3:24 PM	84.7	8515	23.72	19.79	16.58	12.54	9.8	5.87	3.87	2.9	17	84.3	0.97	38.0	7,007	11.0	4.3	15.3	6.3	4.8	13.0
3.415	77.2	4	3:24 PM	84.7	8877	24.74	20.66	17.31	13.09	10.24	6.13	4.02	3	17	84.3	0.97	38.0	6,993	11.0	4.3	15.3	6.3	4.8	13.0
3.515	76.9	1	3:24 PM	86.6	6408	15.33	12.88	10.9	8.52	6.99	4.76	3.48	2.8	11	85.4	0.96	33.3	7,443	11.9	4.6	17.0	6.5	4.9	14.9
3.515	76.9	2	3:24 PM	86.6	6463	15.1	12.65	10.7	8.42	6.91	4.74	3.46	2.8	11	85.4	0.96	32.6	7,591	12.2	4.6	17.2	6.5	4.9	15.2
3.515	76.9	3	3:24 PM	86.6	8526	19.69	16.59	14.05	11.09	9.09	6.22	4.58	3.7	14	85.4	0.96	32.3	7,607	12.2	4.7	17.3	6.5	4.9	15.3
3.515	76.9	4	3:24 PM	86.6	8877	20.51	17.26	14.63	11.57	9.46	6.47	4.72	3.8	15	85.4	0.96	32.3	7,611	12.2	4.7	17.3	6.5	4.9	15.3
3.608	78.9	1	3:25 PM	87.9	6529	15.46	13.34	11.65	9.22	7.61	5.04	3.54	2.5	11	86.2	0.96	32.9	6,909	10.9	4.8	17.8	6.4	4.9	15.1
3.608	78.9	2	3:25 PM	87.9	6551	15.02	13.02	11.37	9.02	7.47	4.96	3.53	2.6	11	86.2	0.96	32.0	7,051	11.1	4.9	18.1	6.5	4.9	15.5
3.608	78.9	3	3:25 PM	87.9	8570	19.81	17.11	14.93	11.89	9.81	6.58	4.64	3.4	15	86.2	0.96	32.2	7,029	11.1	4.9	18.0	6.5	4.9	15.4
3.608	78.9	4	3:25 PM	87.9	8954	20.66	17.83	15.56	12.41	10.25	6.84	4.87	3.6	15	86.2	0.96	32.2	7,027	11.1	4.9	18.0	6.5	4.9	15.4

3.708	78.5	1	3:26 PM	88.6	6672	16.54	14.23	12.35	9.81	8.06	5.22	3.48	2.4	12	86.6	0.96	34.1	6,675	10.4	4.8	17.4	6.4	4.8	14.5
3.708	78.5	2	3:26 PM	88.6	6672	16.17	13.9	12.08	9.56	7.88	5.09	3.44	2.4	12	86.6	0.96	33.4	6,827	10.7	4.8	17.6	6.4	4.9	14.8
3.708	78.5	3	3:26 PM	88.6	8756	21.33	18.26	15.88	12.61	10.35	6.69	4.54	3.1	16	86.6	0.96	33.5	6,826	10.7	4.8	17.5	6.4	4.9	14.8
3.708	78.5	4	3:26 PM	88.6	8954	21.9	18.73	16.25	12.99	10.65	6.88	4.65	3.2	17	86.6	0.96	33.7	6,782	10.6	4.8	17.5	6.4	4.8	14.7
3.790	79.2	1	3:27 PM	88.9	6672	14.07	12.09	10.52	8.35	6.87	4.39	2.87	2.1	10	86.8	0.95	29.7	7,829	12.6	4.9	18.6	6.6	5.0	16.7
3.790	79.2	2	3:27 PM	88.9	6650	13.68	11.67	10.18	8.09	6.64	4.24	2.79	2	10	86.8	0.95	29.1	8,080	13.1	4.9	18.7	6.7	5.0	17.0
3.790	79.2	3	3:27 PM	88.9	8756	18.33	15.72	13.74	11.03	9.09	5.91	3.97	3	14	86.8	0.95	29.5	7,749	12.5	5.0	18.8	6.6	5.0	16.8
3.790	79.2	4	3:27 PM	88.9	9009	18.69	15.99	13.96	11.16	9.18	5.86	3.86	2.8	14	86.8	0.95	29.3	7,905	12.8	4.9	18.8	6.6	5.0	16.9
3.886	79.4	1	3:28 PM	89.6	6661	15.34	12.63	10.44	7.7	5.98	3.53	2.34	1.7	10	87.3	0.94	31.6	8,917	14.8	4.3	16.5	6.7	5.0	15.7
3.886	79.4	2	3:28 PM	89.6	6704	15.22	12.41	10.26	7.57	5.89	3.5	2.33	1.7	10	87.3	0.94	31.2	9,102	15.1	4.3	16.5	6.7	5.0	15.9
3.886	79.4	3	3:28 PM	89.6	8778	20.13	16.4	13.6	10.1	7.86	4.69	3.12	2.3	14	87.3	0.94	31.5	8,943	14.8	4.3	16.5	6.7	5.0	15.7
3.886	79.4	4	3:28 PM	89.6	8976	20.51	16.76	13.89	10.3	8.03	4.8	3.19	2.4	14	87.3	0.94	31.4	8,954	14.8	4.4	16.5	6.7	5.0	15.8
3.988	79.3	1	3:29 PM	90.7	6715	11.37	9.52	8.18	6.51	5.33	3.36	2.28	1.7	8.3	87.9	0.94	24.6	10,205	17.4	4.9	19.8	7.0	5.3	20.1
3.988	79.3	2	3:29 PM	90.7	6792	11.31	9.45	8.07	6.46	5.25	3.36	2.25	1.6	8.3	87.9	0.94	24.3	10,488	18.0	4.9	19.8	7.0	5.3	20.4
3.988	79.3	3	3:29 PM	90.7	9053	15.06	12.61	10.83	8.67	7.06	4.49	3.02	2.2	11	87.9	0.94	24.3	10,386	17.8	4.9	19.9	7.0	5.3	20.4
3.988	79.3	4	3:29 PM	90.7	9053	15.06	12.61	10.81	8.66	7.07	4.5	3.01	2.2	11	87.9	0.94	24.3	10,369	17.8	4.9	20.0	7.0	5.3	20.4
4.076	79.1	1	3:30 PM	90.2	6748	9.96	8.35	7.18	5.68	4.59	2.93	1.97	1.5	7.2	87.7	0.93	22.1	11,926	21.1	4.9	20.4	7.2	5.4	22.4
4.076	79.1	2	3:30 PM	90.2	6803	9.84	8.23	7.09	5.61	4.55	2.92	1.98	1.5	7.2	87.7	0.93	21.8	12,125	21.5	4.9	20.6	7.2	5.4	22.7
4.076	79.1	3	3:30 PM	90.2	8998	13.16	11.08	9.56	7.58	6.15	3.94	2.69	2	9.6	87.7	0.93	22.0	11,854	20.9	5.0	20.6	7.2	5.4	22.5
4.076	79.1	4	3:30 PM	90.2	9009	13.19	11.09	9.56	7.61	6.16	3.94	2.7	2.1	9.6	87.7	0.93	22.0	11,849	20.9	5.0	20.6	7.2	5.4	22.5
4.162	79.2	1	3:31 PM	89.4	6573	18.44	15.89	13.57	10.54	8.45	5.28	3.52	2.6	14	87.2	0.96	37.6	6,312	9.7	4.6	16.2	6.2	4.7	13.2
4.162	79.2	2	3:31 PM	89.4	6617	18.06	15.49	13.25	10.31	8.27	5.22	3.52	2.6	13	87.2	0.95	36.8	6,493	10.1	4.6	16.3	6.3	4.8	13.5
4.162	79.2	3	3:31 PM	89.4	8614	23.84	20.46	17.54	13.7	10.94	6.89	4.62	3.5	18	87.2	0.96	37.2	6,389	9.9	4.6	16.3	6.3	4.8	13.3
4.162	79.2	4	3:31 PM	89.4	8899	24.66	21.19	18.15	14.17	11.35	7.09	4.78	3.6	18	87.2	0.96	37.2	6,361	9.8	4.6	16.3	6.3	4.8	13.3
4.263	78.9	1	3:32 PM	87.5	6529	17.95	15.46	13.44	10.72	8.73	5.61	3.78	2.7	14	86.1	0.96	37.3	6,032	9.2	4.7	16.6	6.2	4.7	13.3
4.263	78.9	2	3:32 PM	87.5	6573	17.7	15.17	13.21	10.6	8.63	5.58	3.81	2.8	13	86.1	0.96	36.7	6,141	9.4	4.7	16.8	6.2	4.7	13.5
4.263	78.9	3	3:32 PM	87.5	8581	23.37	20.04	17.43	14	11.44	7.35	5.08	3.7	18	86.1	0.96	37.0	6,045	9.3	4.7	16.7	6.2	4.7	13.4
4.263	78.9	4	3:32 PM	87.5	8943	24.37	20.89	18.2	14.63	11.93	7.7	5.3	3.9	18	86.1	0.96	37.0	6,041	9.2	4.7	16.7	6.2	4.7	13.4
4.353	78.3	1	3:33 PM	89.6	6518	15.74	13.26	11.33	8.87	7.09	4.39	2.91	2.1	11	87.4	0.95	33.0	7,469	11.9	4.6	17.1	6.5	4.9	15.0
4.353	78.3	2	3:33 PM	89.6	6496	15.31	12.87	10.99	8.61	6.92	4.31	2.89	2	11	87.4	0.95	32.4	7,625	12.2	4.6	17.3	6.5	4.9	15.3
4.353	78.3	3	3:33 PM	89.6	8603	20.28	17.15	14.65	11.57	9.18	5.75	3.85	3.3	15	87.4	0.95	32.4	7,612	12.2	4.7	17.3	6.5	4.9	15.3
4.353	78.3	4	3:33 PM	89.6	8954	21.04	17.78	15.2	11.98	9.54	5.97	3.99	3.2	16	87.4	0.95	32.3	7,623	12.2	4.7	17.3	6.5	4.9	15.3
4.457	80.5	1	3:34 PM	89.0	6518	16.54	14.03	11.91	9.25	7.33	4.46	2.91	2.3	12	87.1	0.95	34.5	7,231	11.5	4.5	16.6	6.4	4.9	14.4
4.457	80.5	2	3:34 PM	89.0	6584	16.31	13.83	11.77	9.14	7.29	4.46	2.99	2.2	12	87.1	0.95	33.8	7,341	11.7	4.6	16.8	6.4	4.9	14.6
4.457	80.5	3	3:34 PM	89.0	8581	21.43	18.2	15.48	12.1	9.63	5.92	3.9	3	16	87.1	0.95	34.0	7,241	11.5	4.6	16.8	6.4	4.9	14.5
4.457	80.5	4	3:34 PM	89.0	8965	22.38	19.02	16.19	12.65	10.09	6.19	4.07	3.1	16	87.1	0.95	34.0	7,219	11.4	4.6	16.8	6.4	4.9	14.5
4.549	83.3	1	3:35 PM	90.8	6529	16.48	13.87	11.92	9.39	7.58	4.93	3.35	2.5	12	88.1	0.95	34.2	6,988	11.0	4.7	17.0	6.4	4.8	14.5
4.549	83.3	2	3:35 PM	90.8	6573	16.03	13.46	11.61	9.17	7.41	4.84	3.34	2.5	12	88.1	0.95	33.2	7,193	11.4	4.7	17.3	6.5	4.9	14.9
4.549	83.3	3	3:35 PM	90.8	8636	21.15	17.81	15.33	12.12	9.77	6.38	4.44	3.3	15	88.1	0.95	33.3	7,169	11.3	4.7	17.3	6.4	4.9	14.9
4.549	83.3	4	3:35 PM	90.8	8976	21.95	18.44	15.9	12.57	10.16	6.64	4.59	3.4	16	88.1	0.95	33.3	7,164	11.3	4.7	17.3	6.4	4.9	14.9
4.654	81.6	1	3:36 PM	91.5	6584	13.99	11.69	9.85	7.51	6.05	3.97	2.85	2.2	9.8	88.6	0.94	29.4	8,844	14.6	4.6	17.8	6.7	5.1	16.8
4.654	81.6	2	3:36 PM	91.5	6650	13.71	11.39	9.6	7.35	5.94	3.93	2.83	2.2	9.7	88.6	0.94	28.7	9,113	15.2	4.6	18.0	6.8	5.1	17.3
4.654	81.6	3	3:36 PM	91.5	8745	18.09	15.09	12.74	9.81	7.89	5.22	3.79	3	13	88.6	0.94	28.8	9,021	15.0	4.7	18.0	6.7	5.1	17.2
4.654	81.6	4	3:36 PM	91.5	8976	18.54	15.46	13.06	9.98	8.12	5.37	3.89	3	13	88.6	0.94	28.7	8,994	14.9	4.7	18.0	6.7	5.1	17.2

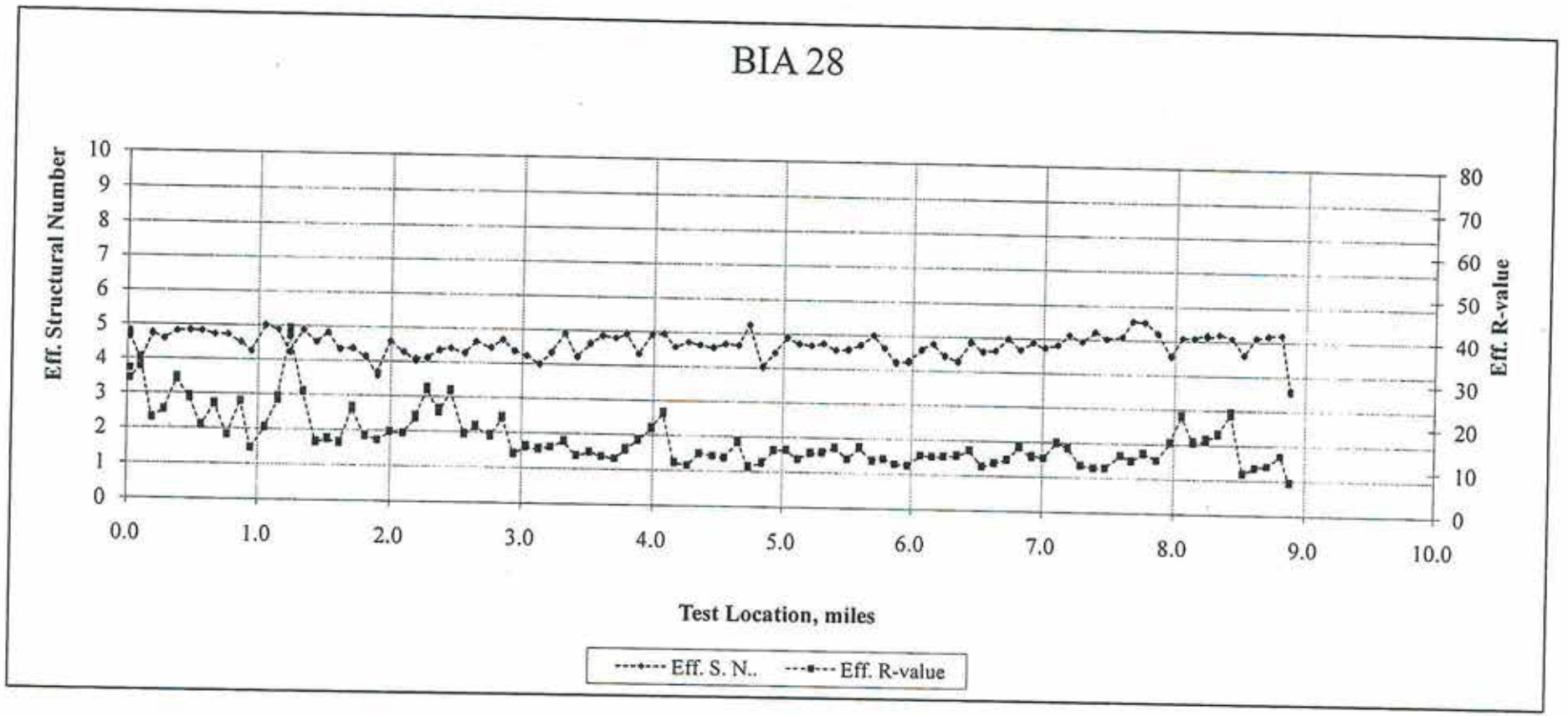
4.736	83.6	1	3:37 PM	91.6	6584	15.88	14.19	12.57	10.28	8.74	4.08	3.02	2.4	12 88.7	0.94	32.6	5,928	9.0	5.3	19.2	6.3	4.8	15.2
4.736	83.6	2	3:37 PM	91.6	6694	15.71	13.94	12.34	10.13	8.57	4.2	3.16	2.4	11 88.7	0.94	31.9	6,161	9.5	5.2	19.3	6.4	4.8	15.5
4.736	83.6	3	3:37 PM	91.6	8734	20.62	18.33	16.24	13.32	11.26	5.55	4.12	3.2	15 88.7	0.94	32.1	6,118	9.4	5.2	19.2	6.4	4.8	15.4
4.736	83.6	4	3:37 PM	91.6	9097	21.44	19	16.83	13.77	11.67	5.76	4.24	3.3	16 88.7	0.94	32.0	6,153	9.4	5.2	19.2	6.4	4.8	15.5
4.841	81.7	1	3:38 PM	92.8	6562	22.22	18.2	14.92	10.86	8.15	4.35	2.53	1.9	15 89.4	0.94	43.3	6,376	9.9	4.0	14.0	6.1	4.7	11.4
4.841	81.7	2	3:38 PM	92.8	6617	21.4	17.51	14.37	10.5	7.88	4.26	2.54	1.9	15 89.4	0.93	41.5	6,655	10.4	4.0	14.3	6.2	4.7	11.9
4.841	81.7	3	3:38 PM	92.8	8625	28.68	23.48	19.23	14.11	10.67	5.78	3.44	2.4	20 89.4	0.94	42.6	6,419	9.9	4.0	14.2	6.1	4.7	11.6
4.841	81.7	4	3:38 PM	92.8	8954	29.8	24.46	20.07	14.75	11.14	6.01	3.59	2.6	20 89.4	0.94	42.6	6,389	9.9	4.1	14.2	6.1	4.7	11.6
4.932	81.2	1	3:38 PM	89.3	6562	16.04	13.34	11.16	8.44	6.61	3.96	2.57	1.9	11 87.3	0.95	33.3	8,004	13.0	4.4	16.4	6.5	4.9	14.9
4.932	81.2	2	3:38 PM	89.3	6595	15.69	13.02	10.89	8.28	6.5	3.92	2.56	1.9	11 87.3	0.95	32.5	8,184	13.3	4.4	16.7	6.6	5.0	15.2
4.932	81.2	3	3:38 PM	89.3	8636	20.73	17.23	14.46	11.04	8.64	5.21	3.39	2.5	15 87.3	0.95	32.8	8,067	13.1	4.5	16.6	6.5	4.9	15.1
4.932	81.2	4	3:38 PM	89.3	8954	21.52	17.85	14.99	11.46	8.97	5.4	3.51	2.6	15 87.3	0.95	32.8	8,057	13.1	4.5	16.6	6.5	4.9	15.1
5.027	81.5	1	3:39 PM	95.0	6661	14.32	12.23	10.45	8.24	6.68	4.22	2.78	2.1	10 90.7	0.92	29.3	8,080	13.1	4.9	18.6	6.7	5.0	16.9
5.027	81.5	2	3:39 PM	95.0	6726	14.16	12.04	10.29	8.11	6.62	4.19	2.81	2.1	10 90.7	0.92	28.8	8,232	13.4	4.9	18.8	6.7	5.0	17.2
5.027	81.5	3	3:39 PM	95.0	8767	18.54	15.8	13.5	10.71	8.7	5.5	3.71	2.7	13 90.7	0.92	28.9	8,161	13.3	4.9	18.8	6.7	5.0	17.1
5.027	81.5	4	3:39 PM	95.0	9020	19.03	16.23	13.93	11.04	8.98	5.68	3.8	2.8	14 90.7	0.92	28.8	8,130	13.2	4.9	18.8	6.7	5.0	17.2
5.120	80.9	1	3:40 PM	95.9	6595	16.96	14.32	12.26	9.57	7.69	4.78	3.11	2.2	12 91.3	0.93	33.9	6,965	11.0	4.7	17.2	6.4	4.9	14.6
5.120	80.9	2	3:40 PM	95.9	6628	16.55	13.97	12	9.38	7.54	4.74	3.11	2.2	12 91.3	0.93	33.1	7,136	11.3	4.7	17.4	6.4	4.9	15.0
5.120	80.9	3	3:40 PM	95.9	8669	21.76	18.38	15.78	12.4	9.96	6.26	4.11	3	16 91.3	0.93	33.3	7,064	11.1	4.7	17.4	6.4	4.9	14.9
5.120	80.9	4	3:40 PM	95.9	9031	22.56	19.05	16.36	12.86	10.32	6.49	4.26	3.1	17 91.3	0.93	33.1	7,102	11.2	4.7	17.4	6.4	4.9	14.9
5.216	84.3	1	3:41 PM	99.1	6551	15.96	13.35	11.33	8.63	6.8	4.17	2.65	2	11 93.2	0.91	31.8	7,789	12.5	4.7	17.4	6.5	4.9	15.6
5.216	84.3	2	3:41 PM	99.1	6628	15.8	13.12	11.1	8.56	6.76	4.15	2.73	2.1	11 93.2	0.91	31.2	7,929	12.8	4.7	17.6	6.6	5.0	15.9
5.216	84.3	3	3:41 PM	99.1	8734	21.26	17.71	15.01	11.64	9.19	5.66	3.69	2.8	15 93.2	0.91	31.8	7,737	12.4	4.7	17.5	6.5	4.9	15.6
5.216	84.3	4	3:41 PM	99.1	9009	22.01	18.28	15.51	12.03	9.51	5.84	3.82	2.9	15 93.2	0.91	31.9	7,712	12.4	4.7	17.4	6.5	4.9	15.5
5.308	85.3	1	3:42 PM	100.1	6672	15.96	13.4	11.26	8.69	6.96	4.31	2.98	2.3	11 93.8	0.90	31.2	7,801	12.6	4.7	17.7	6.6	5.0	15.9
5.308	85.3	2	3:42 PM	100.1	6715	15.53	13	10.94	8.51	6.81	4.26	3	2.4	11 93.8	0.90	30.3	8,023	13.0	4.8	18.0	6.6	5.0	16.3
5.308	85.3	3	3:42 PM	100.1	8800	20.61	17.24	14.5	11.29	9	5.54	3.83	3	15 93.8	0.90	30.6	7,957	12.9	4.7	17.9	6.6	5.0	16.2
5.308	85.3	4	3:42 PM	100.1	9031	21.1	17.64	14.84	11.54	9.21	5.67	3.92	3.1	15 93.8	0.90	30.6	7,980	12.9	4.7	17.9	6.6	5.0	16.2
5.405	84.5	1	3:43 PM	96.9	6628	15.69	12.81	10.5	8.02	6.37	3.99	2.68	1.9	10 91.9	0.91	31.3	8,375	13.7	4.5	17.1	6.6	5.0	15.8
5.405	84.5	2	3:43 PM	96.9	6661	15.41	12.55	10.31	7.88	6.26	3.96	2.68	2	10 91.9	0.91	30.7	8,565	14.1	4.6	17.3	6.7	5.0	16.1
5.405	84.5	3	3:43 PM	96.9	8756	20.25	16.54	13.62	10.45	8.26	5.24	3.5	2.6	13 91.9	0.91	30.7	8,538	14.0	4.6	17.3	6.6	5.0	16.1
5.405	84.5	4	3:43 PM	96.9	8987	20.75	16.94	13.96	10.72	8.49	5.38	3.59	2.7	14 91.9	0.91	30.6	8,528	14.0	4.6	17.3	6.6	5.0	16.2
5.501	83.7	1	3:44 PM	97.7	6595	17.73	14.64	12.31	9.5	7.52	4.61	2.92	2.1	12 92.4	0.92	34.9	7,088	11.2	4.6	16.6	6.4	4.8	14.2
5.501	83.7	2	3:44 PM	97.7	6628	17.28	14.29	12.05	9.33	7.42	4.59	2.94	2.1	12 92.4	0.92	34.0	7,225	11.5	4.6	16.9	6.4	4.9	14.6
5.501	83.7	3	3:44 PM	97.7	8702	22.76	18.86	15.92	12.33	9.8	6.05	3.88	2.8	16 92.4	0.92	34.1	7,229	11.5	4.6	16.8	6.4	4.9	14.5
5.501	83.7	4	3:44 PM	97.7	8954	23.44	19.43	16.43	12.72	10.12	6.26	4.02	2.8	16 92.4	0.92	34.1	7,203	11.4	4.6	16.8	6.4	4.9	14.5
5.594	87.5	1	3:45 PM	98.5	6650	15.07	12.59	10.66	8.13	6.37	3.77	2.37	1.7	10 92.9	0.90	29.9	8,435	13.8	4.7	17.9	6.7	5.0	16.6
5.594	87.5	2	3:45 PM	98.5	6595	14.46	12.09	10.29	7.86	6.15	3.65	2.36	1.7	10 92.9	0.90	29.0	8,669	14.3	4.7	18.2	6.7	5.1	17.0
5.594	87.5	3	3:45 PM	98.5	8767	19.49	16.32	13.93	10.74	8.37	5.01	3.19	2.3	14 92.9	0.90	29.4	8,473	13.9	4.7	18.1	6.7	5.0	16.8
5.594	87.5	4	3:45 PM	98.5	8976	19.89	16.67	14.22	10.96	8.56	5.12	3.26	2.3	14 92.9	0.90	29.3	8,537	14.0	4.7	18.1	6.7	5.0	16.9
5.695	85.4	1	3:46 PM	98.3	6628	15.76	13.36	11.56	9.36	7.74	5.17	3.59	2.7	12 92.8	0.92	31.6	6,898	10.8	5.0	18.5	6.5	4.9	15.7
5.695	85.4	2	3:46 PM	98.3	6672	15.44	13.06	11.35	9.18	7.61	5.12	3.58	2.6	11 92.8	0.92	30.9	7,059	11.1	5.0	18.7	6.5	4.9	16.0
5.695	85.4	3	3:46 PM	98.3	8789	20.32	17.18	14.94	12.05	9.96	6.65	4.62	3.5	15 92.8	0.92	30.8	7,111	11.2	5.0	18.7	6.5	4.9	16.1
5.695	85.4	4	3:46 PM	98.3	8965	20.65	17.44	15.15	12.24	10.13	6.76	4.68	3.5	15 92.8	0.92	30.7	7,130	11.3	5.0	18.8	6.5	4.9	16.1

5.781	89.8	1	3:47 PM	99.6	6606	17.41	14.64	12.39	9.51	7.51	4.61	3.05	2.3	12	93.6	0.91	34.0	7,161	11.3	4.6	16.9	6.4	4.9	14.6
5.781	89.8	2	3:47 PM	99.6	6715	17.16	14.36	12.18	9.38	7.44	4.6	3.07	2.4	12	93.6	0.91	33.1	7,347	11.7	4.7	17.2	6.5	4.9	14.9
5.781	89.8	3	3:47 PM	99.6	8756	22.56	18.87	16.03	12.36	9.77	5.96	3.95	3	16	93.6	0.91	33.3	7,296	11.6	4.6	17.1	6.5	4.9	14.9
5.781	89.8	4	3:47 PM	99.6	8943	23.04	19.25	16.36	12.6	9.96	6.1	4.04	3	16	93.6	0.91	33.3	7,309	11.6	4.6	17.1	6.5	4.9	14.9
5.870	88.3	1	3:48 PM	98.5	6430	20.63	16.66	13.65	10.12	7.82	4.65	3.05	2.3	14	93.0	0.92	40.4	6,552	10.2	4.2	14.8	6.2	4.7	12.2
5.870	88.3	2	3:48 PM	98.5	6551	20.4	16.45	13.53	10.09	7.86	4.72	3.13	2.4	14	93.0	0.92	39.4	6,660	10.4	4.2	15.1	6.2	4.7	12.6
5.870	88.3	3	3:48 PM	98.5	8592	26.79	21.58	17.76	13.29	10.31	6.17	4.06	3.1	18	93.0	0.92	39.4	6,658	10.4	4.2	15.1	6.2	4.7	12.6
5.870	88.3	4	3:48 PM	98.5	8954	27.88	22.47	18.51	13.85	10.79	6.46	4.26	3.2	19	93.0	0.92	39.4	6,636	10.3	4.3	15.1	6.2	4.7	12.6
5.968	85.8	1	3:49 PM	99.8	6562	21.33	17.59	14.51	10.65	8.2	4.79	3.16	2.5	14	93.8	0.91	40.7	6,392	9.9	4.2	14.9	6.2	4.7	12.2
5.968	85.8	2	3:49 PM	99.8	6595	20.6	17	14.04	10.37	8.06	4.75	3.21	2.5	14	93.8	0.91	39.3	6,554	10.2	4.3	15.2	6.2	4.7	12.6
5.968	85.8	3	3:49 PM	99.8	8647	27.43	22.68	18.76	13.85	10.74	6.26	4.19	3.2	19	93.8	0.91	39.8	6,450	10.0	4.3	15.1	6.2	4.7	12.4
5.968	85.8	4	3:49 PM	99.8	8932	28.43	23.54	19.49	14.44	11.18	6.54	4.33	3.4	20	93.8	0.91	39.9	6,404	9.9	4.3	15.1	6.2	4.7	12.4
6.068	86.4	1	3:49 PM	101.3	6595	16.87	14.01	11.63	8.81	6.94	4.3	2.98	2.3	12	94.7	0.90	32.8	7,660	12.3	4.6	17.0	6.5	4.9	15.1
6.068	86.4	2	3:49 PM	101.3	6672	16.55	13.77	11.48	8.69	6.89	4.3	3.01	2.4	11	94.7	0.90	32.0	7,815	12.6	4.6	17.3	6.5	4.9	15.5
6.068	86.4	3	3:49 PM	101.3	8734	21.81	18.19	15.19	11.56	9.13	5.71	3.99	3.1	15	94.7	0.90	32.2	7,725	12.4	4.6	17.3	6.5	4.9	15.4
6.068	86.4	4	3:49 PM	101.3	9009	22.5	18.73	15.6	11.93	9.41	5.89	4.1	3.2	16	94.7	0.90	32.2	7,730	12.4	4.6	17.3	6.5	4.9	15.4
6.158	86.8	1	3:50 PM	101.3	6683	16.17	13.53	11.6	9	7.18	4.36	2.84	2.1	12	94.7	0.90	31.3	7,568	12.1	4.8	17.9	6.5	4.9	15.8
6.158	86.8	2	3:50 PM	101.3	6694	15.85	13.23	11.34	8.8	7.04	4.3	2.83	2.1	12	94.7	0.90	30.7	7,731	12.4	4.8	18.1	6.6	5.0	16.1
6.158	86.8	3	3:50 PM	101.3	8811	21.2	17.67	15.16	11.78	9.36	5.65	3.65	2.7	15	94.7	0.90	31.1	7,657	12.3	4.8	17.9	6.6	5.0	15.9
6.158	86.8	4	3:50 PM	101.3	8976	21.7	18.08	15.5	12.04	9.57	5.77	3.72	2.7	16	94.7	0.90	31.3	7,629	12.2	4.8	17.9	6.5	4.9	15.8
6.247	87.4	1	3:51 PM	96.4	6573	17.44	14.25	11.9	8.89	6.95	4.26	2.84	2.1	12	91.8	0.92	34.5	7,595	12.2	4.4	16.2	6.5	4.9	14.3
6.247	87.4	2	3:51 PM	96.4	6650	17.1	13.98	11.68	8.76	6.88	4.25	2.85	2.1	12	91.8	0.92	33.6	7,772	12.5	4.5	16.5	6.5	4.9	14.7
6.247	87.4	3	3:51 PM	96.4	8745	22.63	18.54	15.53	11.7	9.18	5.67	3.76	2.8	16	91.8	0.92	33.8	7,668	12.3	4.5	16.5	6.5	4.9	14.6
6.247	87.4	4	3:51 PM	96.4	8932	23.13	18.96	15.89	11.98	9.4	5.82	3.88	2.9	16	91.8	0.92	33.8	7,650	12.3	4.5	16.5	6.5	4.9	14.6
6.347	85.5	1	3:52 PM	102.9	6507	18.71	14.87	12.14	8.76	6.63	3.72	2.38	1.8	12	95.7	0.89	35.6	7,715	12.4	4.3	15.6	6.4	4.9	13.9
6.347	85.5	2	3:52 PM	102.9	6584	18.26	14.51	11.88	8.6	6.53	3.69	2.39	1.8	12	95.7	0.88	34.5	7,942	12.8	4.3	15.9	6.5	4.9	14.4
6.347	85.5	3	3:52 PM	102.9	8647	24.42	19.49	15.99	11.63	8.85	5.03	3.23	2.5	16	95.7	0.89	35.1	7,718	12.4	4.3	15.8	6.5	4.9	14.1
6.347	85.5	4	3:52 PM	102.9	8976	25.36	20.25	16.63	12.12	9.21	5.19	3.38	2.6	17	95.7	0.89	35.1	7,702	12.4	4.3	15.9	6.5	4.9	14.1
6.445	83.6	1	3:53 PM	101.3	6683	14.58	11.85	10.07	7.94	6.44	4.22	2.92	2.2	10	94.8	0.90	28.7	8,440	13.8	4.8	18.6	6.7	5.1	17.2
6.445	83.6	2	3:53 PM	101.3	6737	14.28	11.63	9.9	7.85	6.39	4.21	2.93	2.3	10	94.8	0.90	28.0	8,570	14.1	4.9	18.9	6.7	5.1	17.7
6.445	83.6	3	3:53 PM	101.3	8811	18.99	15.46	13.19	10.47	8.5	5.54	3.9	3	13	94.8	0.90	28.4	8,426	13.8	4.9	18.8	6.7	5.1	17.4
6.445	83.6	4	3:53 PM	101.3	9031	19.37	15.8	13.48	10.73	8.69	5.69	3.98	3	14	94.8	0.90	28.3	8,446	13.8	4.9	18.8	6.7	5.1	17.5
6.540	83.2	1	3:54 PM	101.8	6584	19.22	15.85	13.37	10.26	8.27	5.22	3.47	2.5	13	95.1	0.91	36.9	6,482	10.1	4.6	16.3	6.3	4.8	13.4
6.540	83.2	2	3:54 PM	101.8	6628	18.83	15.45	13.06	10.04	8.11	5.16	3.44	2.5	13	95.1	0.91	36.1	6,654	10.4	4.6	16.5	6.3	4.8	13.7
6.540	83.2	3	3:54 PM	101.8	8691	24.93	20.53	17.39	13.43	10.85	6.9	4.64	3.4	17	95.1	0.91	36.4	6,519	10.1	4.6	16.5	6.3	4.8	13.6
6.540	83.2	4	3:54 PM	101.8	8976	25.81	21.28	18.03	13.96	11.29	7.19	4.83	3.5	18	95.1	0.91	36.5	6,469	10.0	4.6	16.5	6.3	4.8	13.6
6.633	83.8	1	3:55 PM	102.1	6606	18.25	15.17	12.75	9.78	7.75	4.7	3.11	2.3	13	95.3	0.90	35.0	6,890	10.8	4.6	16.7	6.4	4.8	14.1
6.633	83.8	2	3:55 PM	102.1	6639	17.8	14.73	12.43	9.52	7.57	4.6	3.07	2.3	13	95.3	0.90	34.1	7,090	11.2	4.6	17.0	6.4	4.9	14.5
6.633	83.8	3	3:55 PM	102.1	8702	23.65	19.55	16.5	12.69	10.06	6.08	4.02	3.1	17	95.3	0.90	34.5	6,993	11.0	4.6	16.9	6.4	4.8	14.4
6.633	83.8	4	3:55 PM	102.1	8987	24.47	20.22	17.08	13.13	10.42	6.29	4.16	3.2	17	95.3	0.90	34.5	6,973	11.0	4.6	16.9	6.4	4.8	14.3
6.730	84	1	3:56 PM	101.7	6628	15.45	13.06	11.31	8.98	7.28	4.58	3.04	2.3	11	95.1	0.90	30.4	7,370	11.7	5.0	18.7	6.5	5.0	16.3
6.730	84	2	3:56 PM	101.7	6694	15.24	12.83	11.12	8.82	7.18	4.53	3.04	2.3	11	95.1	0.90	29.8	7,547	12.1	5.0	18.9	6.6	5.0	16.6
6.730	84	3	3:56 PM	101.7	8811	20.2	17.06	14.8	11.76	9.57	6.04	4.01	3	15	95.1	0.90	30.0	7,449	11.9	5.0	18.9	6.6	5.0	16.5
6.730	84	4	3:56 PM	101.7	9042	20.66	17.44	15.14	12.04	9.8	6.18	4.11	3	15	95.1	0.90	29.9	7,464	11.9	5.0	18.9	6.6	5.0	16.6

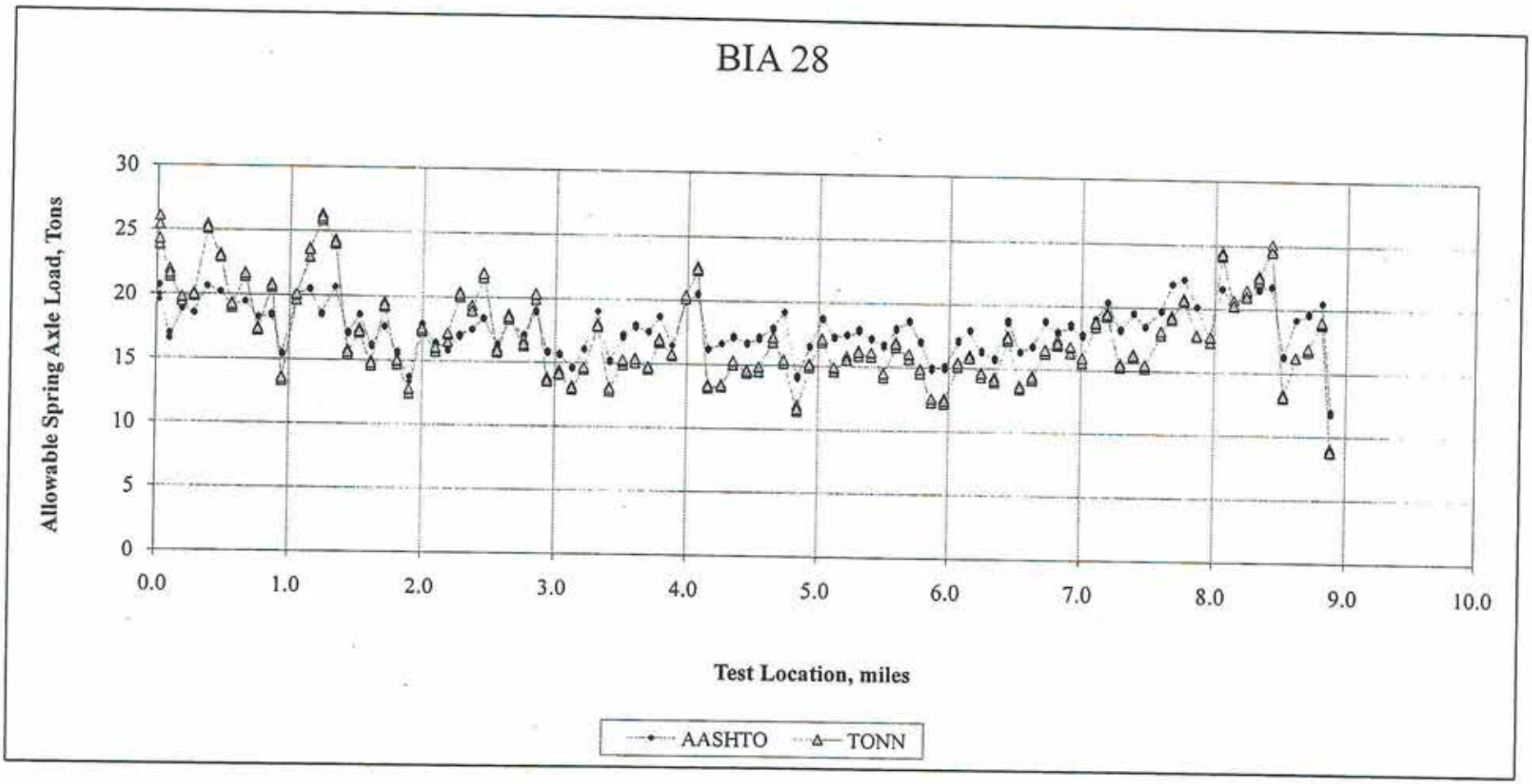
6.824	83.5	1	3:57 PM	101.8	6606	15.02	12.34	10.34	7.69	5.98	3.44	2.15	1.6	10	95.2	0.88	29.3	8,870	14.7	4.6	17.8	6.7	5.1	16.9
6.824	83.5	2	3:57 PM	101.8	6661	14.66	12	10.06	7.52	5.85	3.38	2.15	1.6	10	95.2	0.88	28.4	9,145	15.2	4.7	18.1	6.8	5.1	17.4
6.824	83.5	3	3:57 PM	101.8	8756	19.65	16.1	13.55	10.14	7.91	4.6	2.88	2.1	14	95.2	0.88	29.0	8,902	14.7	4.7	18.0	6.7	5.1	17.1
6.824	83.5	4	3:57 PM	101.8	8943	20.06	16.46	13.84	10.39	8.09	4.7	2.96	2.2	14	95.2	0.88	29.0	8,891	14.7	4.7	18.0	6.7	5.1	17.1
6.920	83.5	1	3:58 PM	103.2	6595	15.45	13.08	11.21	8.77	6.93	4.47	3.24	2.5	11	96.0	0.89	30.3	7,734	12.4	4.9	18.3	6.6	5.0	16.3
6.920	83.5	2	3:58 PM	103.2	6617	14.99	12.63	10.84	8.48	6.76	4.41	3.2	2.5	11	96.0	0.89	29.4	7,952	12.9	4.9	18.6	6.6	5.0	16.8
6.920	83.5	3	3:58 PM	103.2	8734	19.78	16.64	14.26	11.13	8.85	5.72	4.12	3.2	14	96.0	0.89	29.4	8,022	13.0	4.9	18.6	6.6	5.0	16.8
6.920	83.5	4	3:58 PM	103.2	9031	20.41	17.15	14.71	11.48	9.13	5.9	4.25	3.3	15	96.0	0.89	29.3	8,040	13.0	4.9	18.6	6.6	5.0	16.9
7.009	82.6	1	3:58 PM	103.0	6551	16.27	13.59	11.49	8.76	6.93	4.33	2.97	2.2	12	95.9	0.89	31.7	7,643	12.3	4.7	17.6	6.5	4.9	15.6
7.009	82.6	2	3:58 PM	103.0	6573	15.8	13.15	11.15	8.52	6.79	4.29	2.95	2.2	11	95.9	0.89	30.9	7,831	12.6	4.8	17.9	6.6	5.0	16.0
7.009	82.6	3	3:58 PM	103.0	8636	20.89	17.38	14.74	11.3	8.98	5.65	3.88	2.9	15	95.9	0.89	31.0	7,780	12.5	4.8	17.9	6.6	5.0	15.9
7.009	82.6	4	3:58 PM	103.0	8987	21.73	18.05	15.29	11.71	9.33	5.88	4.03	3.1	16	95.9	0.89	31.0	7,792	12.5	4.8	17.8	6.6	5.0	16.0
7.108	82.5	1	4:00 PM	100.6	6573	13.27	10.98	9.2	7.04	5.63	3.76	2.69	2.1	9.2	94.5	0.89	26.9	9,437	15.8	4.8	18.8	6.8	5.2	18.4
7.108	82.5	2	4:00 PM	100.6	6628	12.99	10.7	8.98	6.91	5.55	3.72	2.7	2.1	9.1	94.5	0.89	26.2	9,657	16.3	4.8	19.1	6.9	5.2	18.9
7.108	82.5	3	4:00 PM	100.6	8756	17.34	14.32	12.04	9.24	7.44	4.98	3.63	2.8	12	94.5	0.89	26.5	9,520	16.0	4.8	19.1	6.9	5.2	18.7
7.108	82.5	4	4:00 PM	100.6	8987	17.75	14.68	12.35	9.49	7.64	5.13	3.74	2.9	12	94.5	0.89	26.4	9,577	16.1	4.8	19.0	6.9	5.2	18.7
7.194	83	1	4:01 PM	103.8	6726	13.07	11.1	9.61	7.56	6.13	3.93	2.65	2	9.7	96.4	0.88	25.7	8,887	14.7	5.1	20.3	6.8	5.2	19.2
7.194	83	2	4:01 PM	103.8	6792	12.9	10.9	9.44	7.44	6.06	3.9	2.66	2	9.5	96.4	0.88	25.2	9,076	15.1	5.1	20.4	6.9	5.2	19.6
7.194	83	3	4:01 PM	103.8	9042	17.35	14.7	12.74	10.07	8.17	5.25	3.57	2.7	13	96.4	0.88	25.5	8,960	14.9	5.1	20.4	6.9	5.2	19.4
7.194	83	4	4:01 PM	103.8	8998	17.31	14.63	12.69	10.04	8.14	5.25	3.56	2.7	13	96.4	0.88	25.5	8,950	14.8	5.1	20.3	6.9	5.2	19.4
7.293	83.2	1	4:02 PM	103.1	6606	16.7	14.33	12.35	9.7	7.83	4.98	3.36	2.5	12	96.1	0.90	32.4	6,833	10.7	4.9	18.1	6.4	4.9	15.3
7.293	83.2	2	4:02 PM	103.1	6628	16.28	13.91	12.04	9.46	7.66	4.91	3.33	2.5	12	96.1	0.90	31.6	7,005	11.0	5.0	18.4	6.5	4.9	15.6
7.293	83.2	3	4:02 PM	103.1	8680	21.67	18.55	16.03	12.63	10.22	6.54	4.43	3.3	16	96.1	0.90	32.1	6,875	10.8	4.9	18.2	6.4	4.9	15.4
7.293	83.2	4	4:02 PM	103.1	9042	22.57	19.31	16.69	13.15	10.64	6.8	4.61	3.5	17	96.1	0.90	32.1	6,879	10.8	4.9	18.2	6.4	4.9	15.4
7.391	82.1	1	4:03 PM	103.6	6639	15.72	13.61	12.05	9.77	8.11	5.43	3.65	2.6	12	96.4	0.90	30.8	6,540	10.2	5.2	19.4	6.4	4.9	16.1
7.391	82.1	2	4:03 PM	103.6	6726	15.57	13.45	11.89	9.6	8.04	5.39	3.65	2.7	12	96.4	0.90	30.2	6,683	10.4	5.2	19.6	6.5	4.9	16.4
7.391	82.1	3	4:03 PM	103.6	8800	20.48	17.73	15.7	12.77	10.61	7.07	4.86	3.6	16	96.4	0.90	30.4	6,622	10.3	5.3	19.6	6.5	4.9	16.3
7.391	82.1	4	4:03 PM	103.6	9009	21.03	18.18	16.1	13.1	10.91	7.27	4.98	3.7	16	96.4	0.90	30.5	6,590	10.3	5.3	19.6	6.5	4.9	16.3
7.479	82.2	1	4:04 PM	103.5	6606	16.74	14.48	12.69	10.02	8.15	5.13	3.42	2.5	13	96.3	0.90	32.5	6,537	10.2	5.0	18.4	6.4	4.9	15.2
7.479	82.2	2	4:04 PM	103.5	6617	16.38	14.13	12.37	9.72	7.96	5.03	3.41	2.5	12	96.3	0.90	31.8	6,706	10.5	5.0	18.6	6.4	4.9	15.5
7.479	82.2	3	4:04 PM	103.5	8702	21.71	18.69	16.39	12.99	10.57	6.69	4.47	3.3	16	96.3	0.90	32.1	6,639	10.3	5.0	18.5	6.4	4.9	15.4
7.479	82.2	4	4:04 PM	103.5	9042	22.48	19.36	16.96	13.42	10.97	6.92	4.61	3.4	17	96.3	0.90	32.0	6,645	10.4	5.0	18.6	6.4	4.9	15.5
7.597	82.5	1	4:05 PM	102.6	6694	14.06	11.55	10.09	8.09	6.67	4.34	2.91	2.2	10	95.8	0.89	27.7	8,118	13.2	5.1	19.6	6.7	5.1	17.9
7.597	82.5	2	4:05 PM	102.6	6737	13.85	11.35	9.94	7.96	6.58	4.3	2.9	2.2	10	95.8	0.89	27.2	8,282	13.5	5.1	19.8	6.7	5.1	18.2
7.597	82.5	3	4:05 PM	102.6	8899	18.31	15.06	13.19	10.62	8.74	5.67	3.8	2.9	13	95.8	0.89	27.2	8,231	13.4	5.1	19.9	6.7	5.1	18.2
7.597	82.5	4	4:05 PM	102.6	8965	18.47	15.17	13.28	10.72	8.81	5.74	3.85	2.9	13	95.8	0.89	27.2	8,227	13.4	5.1	19.8	6.7	5.1	18.2
7.677	86.1	1	4:06 PM	104.1	6770	13.09	11.4	10.16	8.49	7.16	4.78	3.2	2.3	10	96.7	0.89	25.9	7,454	11.9	5.6	21.8	6.7	5.1	19.1
7.677	86.1	2	4:06 PM	104.1	6781	12.87	11.16	9.98	8.33	7.02	4.72	3.17	2.3	10	96.7	0.89	25.5	7,621	12.2	5.6	21.9	6.7	5.1	19.4
7.677	86.1	3	4:06 PM	104.1	8965	17.23	14.95	13.4	11.2	9.46	6.38	4.3	3.1	14	96.7	0.89	25.8	7,463	11.9	5.6	21.9	6.7	5.1	19.2
7.677	86.1	4	4:06 PM	104.1	9075	17.44	15.15	13.57	11.35	9.58	6.45	4.37	3.1	14	96.7	0.89	25.8	7,459	11.9	5.6	21.9	6.7	5.1	19.2
7.766	84.8	1	4:07 PM	105.3	6759	12.09	10.51	9.35	7.66	6.38	4.28	2.86	2.1	9.4	97.5	0.88	24.1	8,426	13.8	5.5	22.2	6.9	5.2	20.6
7.766	84.8	2	4:07 PM	105.3	6803	12.01	10.37	9.23	7.55	6.32	4.27	2.87	2	9.3	97.5	0.88	23.8	8,566	14.1	5.5	22.3	6.9	5.2	20.8
7.766	84.8	3	4:07 PM	105.3	9075	16.12	13.97	12.45	10.26	8.57	5.8	3.93	2.9	13	97.5	0.88	24.0	8,407	13.7	5.5	22.3	6.9	5.2	20.7
7.766	84.8	4	4:07 PM	105.3	9064	16.14	14.02	12.47	10.29	8.6	5.81	3.93	2.9	13	97.5	0.88	24.0	8,363	13.7	5.5	22.3	6.9	5.2	20.6

7.866	82.9	1	4:08 PM	101.6	6781	14.06	12.23	10.67	8.61	7.05	4.53	3.02	2.2	11	95.3	0.90	27.6	7,724	12.4	5.2	20.2	6.7	5.0	18.0
7.866	82.9	2	4:08 PM	101.6	6672	13.93	12.06	10.54	8.54	6.94	4.48	3	2.2	11	95.3	0.90	27.7	7,728	12.4	5.2	20.1	6.7	5.0	17.9
7.866	82.9	3	4:08 PM	101.6	8800	18.41	15.96	13.98	11.3	9.29	6.02	4.02	2.9	14	95.3	0.90	27.8	7,599	12.2	5.2	20.2	6.7	5.0	17.8
7.866	82.9	4	4:08 PM	101.6	9075	18.91	16.37	14.35	11.69	9.52	6.17	4.13	3	15	95.3	0.90	27.7	7,650	12.3	5.2	20.2	6.7	5.0	17.9
7.970	81.4	1	4:09 PM	104.2	6529	14.58	11.04	8.79	6.65	5.35	3.55	2.61	2.1	8.9	96.9	0.87	28.5	9,665	16.3	4.5	17.6	6.8	5.1	17.4
7.970	81.4	2	4:09 PM	104.2	6573	14.3	10.8	8.66	6.54	5.29	3.52	2.59	2.1	8.8	96.9	0.87	27.9	9,856	16.7	4.6	17.8	6.8	5.1	17.8
7.970	81.4	3	4:09 PM	104.2	8745	18.94	14.42	11.56	8.78	7.05	4.69	3.47	2.8	12	96.9	0.87	27.8	9,852	16.7	4.6	17.9	6.8	5.1	17.8
7.970	81.4	4	4:09 PM	104.2	8921	19.3	14.64	11.74	8.92	7.2	4.79	3.54	2.8	12	96.9	0.87	27.8	9,845	16.7	4.6	17.9	6.8	5.1	17.8
8.054	82.4	1	4:10 PM	105.6	6814	10.31	8.48	7.19	5.49	4.39	2.79	1.97	1.6	7.1	97.7	0.85	20.5	12,550	22.4	5.1	21.5	7.3	5.5	24.2
8.054	82.4	2	4:10 PM	105.6	6880	10.2	8.38	7.11	5.46	4.39	2.81	1.99	1.6	7	97.7	0.85	20.2	12,760	22.9	5.1	21.7	7.3	5.5	24.5
8.054	82.4	3	4:10 PM	105.6	8998	13.5	11.11	9.45	7.27	5.84	3.74	2.64	2.1	9.4	97.7	0.85	20.4	12,542	22.4	5.1	21.6	7.3	5.5	24.3
8.054	82.4	4	4:10 PM	105.6	9009	13.52	11.11	9.46	7.29	5.85	3.75	2.64	2.1	9.4	97.7	0.85	20.4	12,536	22.4	5.1	21.6	7.3	5.5	24.3
8.144	81.8	1	4:11 PM	104.7	6792	12.6	10.4	8.87	6.98	5.67	3.59	2.39	1.7	8.8	97.2	0.87	24.5	9,734	16.4	5.1	20.4	7.0	5.2	20.2
8.144	81.8	2	4:11 PM	104.7	6913	12.45	10.26	8.76	6.92	5.61	3.57	2.41	1.8	8.8	97.2	0.87	23.9	10,012	17.0	5.1	20.6	7.0	5.3	20.7
8.144	81.8	3	4:11 PM	104.7	8987	16.53	13.66	11.71	9.26	7.52	4.8	3.23	2.3	12	97.2	0.87	24.3	9,703	16.4	5.1	20.5	7.0	5.2	20.3
8.144	81.8	4	4:11 PM	104.7	9020	16.64	13.73	11.74	9.31	7.57	4.84	3.22	2.3	12	97.2	0.87	24.4	9,675	16.3	5.1	20.5	7.0	5.2	20.3
8.241	82.2	1	4:12 PM	102.6	6672	11.43	9.8	8.41	6.68	5.41	3.47	2.41	1.8	8.4	96.0	0.88	23.2	9,979	16.9	5.2	21.2	7.0	5.3	21.3
8.241	82.2	2	4:12 PM	102.6	6628	11.21	9.43	8.11	6.44	5.22	3.39	2.37	1.8	8.2	96.0	0.88	23.0	10,290	17.6	5.2	21.1	7.1	5.3	21.5
8.241	82.2	3	4:12 PM	102.6	8888	15.47	13.04	11.2	8.93	7.22	4.69	3.26	2.5	11	96.0	0.88	23.5	9,975	16.9	5.2	20.9	7.0	5.3	21.0
8.241	82.2	4	4:12 PM	102.6	8888	15.56	12.98	11.17	8.91	7.17	4.65	3.24	2.5	11	96.0	0.88	23.6	10,056	17.1	5.1	20.8	7.0	5.3	20.9
8.334	82.2	1	4:13 PM	107.2	6759	11.3	9.37	7.95	6.26	5.15	3.5	2.53	2	7.9	98.8	0.86	22.3	10,656	18.4	5.2	21.4	7.1	5.3	22.2
8.334	82.2	2	4:13 PM	107.2	6803	11.08	9.16	7.81	6.15	5.07	3.46	2.51	2	7.7	98.8	0.86	21.8	10,891	18.9	5.2	21.7	7.1	5.4	22.7
8.334	82.2	3	4:13 PM	107.2	9031	14.89	12.33	10.51	8.28	6.78	4.63	3.39	2.7	10	98.8	0.86	22.0	10,814	18.7	5.2	21.5	7.1	5.4	22.5
8.334	82.2	4	4:13 PM	107.2	9020	14.87	12.37	10.51	8.3	6.82	4.65	3.39	2.7	10	98.8	0.86	22.0	10,732	18.5	5.2	21.6	7.1	5.4	22.5
8.430	83.2	1	4:14 PM	107.8	6814	10.17	7.94	6.68	5.2	4.27	2.8	1.95	1.5	6.7	99.1	0.84	20.0	12,889	23.2	5.1	21.7	7.3	5.5	24.7
8.430	83.2	2	4:14 PM	107.8	6902	10.09	7.87	6.63	5.16	4.24	2.79	1.95	1.5	6.7	99.1	0.84	19.7	13,148	23.8	5.1	21.9	7.4	5.5	25.1
8.430	83.2	3	4:14 PM	107.8	9009	13.56	10.59	8.94	7	5.74	3.82	2.69	2.1	9.1	99.1	0.84	20.2	12,684	22.7	5.1	21.7	7.3	5.5	24.5
8.430	83.2	4	4:14 PM	107.8	9020	13.56	10.58	8.95	7	5.73	3.81	2.69	2	9.1	99.1	0.84	20.2	12,720	22.8	5.1	21.7	7.3	5.5	24.5
8.525	82.2	1	4:15 PM	105.5	6551	20.13	16.57	14.17	10.89	8.65	5.36	3.5	2.4	15	97.8	0.89	38.0	6,126	9.4	4.6	16.2	6.2	4.7	13.0
8.525	82.2	2	4:15 PM	105.5	6595	19.69	16.22	13.88	10.67	8.52	5.31	3.5	2.5	14	97.8	0.89	37.0	6,301	9.7	4.6	16.4	6.3	4.8	13.4
8.525	82.2	3	4:15 PM	105.5	8603	26.17	21.61	18.46	14.29	11.38	7.1	4.76	3.6	19	97.8	0.89	37.7	6,153	9.4	4.6	16.3	6.2	4.7	13.1
8.525	82.2	4	4:15 PM	105.5	8866	26.97	22.28	19.04	14.74	11.72	7.33	4.91	3.6	20	97.8	0.89	37.7	6,157	9.5	4.6	16.3	6.2	4.7	13.1
8.616	82.7	1	4:16 PM	104.2	6551	15.41	12.89	11.32	9.21	7.67	5.23	3.72	2.9	11	97.0	0.90	30.5	6,867	10.8	5.1	19.2	6.5	4.9	16.2
8.616	82.7	2	4:16 PM	104.2	6661	15.63	12.89	11.33	9.21	7.69	5.26	3.74	2.8	11	97.0	0.90	30.4	6,975	11.0	5.1	19.1	6.5	4.9	16.3
8.616	82.7	3	4:16 PM	104.2	8778	20.57	17.18	15.09	12.32	10.23	6.98	5.02	4	15	97.0	0.90	30.4	6,900	10.8	5.1	19.2	6.5	4.9	16.3
8.616	82.7	4	4:16 PM	104.2	8932	21.03	17.52	15.4	12.57	10.44	7.13	5.12	4	16	97.0	0.90	30.5	6,881	10.8	5.1	19.2	6.5	4.9	16.2
8.710	82.5	1	4:17 PM	105.6	6529	14.95	12.57	10.98	8.93	7.38	4.98	3.57	2.8	11	97.9	0.89	29.6	7,121	11.3	5.2	19.5	6.5	5.0	16.7
8.710	82.5	2	4:17 PM	105.6	6683	15.1	12.69	11.11	9.03	7.52	5.09	3.67	2.8	11	97.9	0.89	29.2	7,144	11.3	5.2	19.7	6.6	5.0	16.9
8.710	82.5	3	4:17 PM	105.6	8778	19.79	16.66	14.58	11.86	9.86	6.67	4.77	3.7	15	97.9	0.89	29.2	7,157	11.3	5.2	19.7	6.6	5.0	17.0
8.710	82.5	4	4:17 PM	105.6	9009	20.27	17.12	14.99	12.24	10.12	6.84	4.88	3.8	15	97.9	0.89	29.1	7,154	11.3	5.2	19.8	6.6	5.0	17.0
8.812	81.9	1	4:18 PM	102.5	6496	12.78	10.72	9.22	7.5	6.28	4.33	3.12	2.4	9.3	96.1	0.89	26.3	8,332	13.6	5.2	20.4	6.8	5.1	18.8
8.812	81.9	2	4:18 PM	102.5	6485	12.57	10.48	9.07	7.43	6.2	4.28	3.12	2.4	9.2	96.1	0.89	26.0	8,421	13.8	5.2	20.6	6.8	5.1	19.1
8.812	81.9	3	4:18 PM	102.5	8625	16.85	13.93	12.03	9.86	8.25	5.7	4.09	3.1	12	96.1	0.89	26.1	8,425	13.8	5.2	20.5	6.8	5.1	19.0
8.812	81.9	4	4:18 PM	102.5	8965	17.38	14.47	12.5	10.2	8.56	5.91	4.22	3.2	13	96.1	0.89	26.0	8,433	13.8	5.2	20.6	6.8	5.1	19.1

8.884	82.4	1	4:20 PM	103.6	6386	30.66	26.36	19.02	10.72	9.73	4.81	3.62	3	17	96.8	0.89	56.3	5,014	7.4	3.6	11.9	5.7	4.4	8.8
8.884	82.4	2	4:20 PM	103.6	6320	29.06	24.54	15.4	11.35	9.15	4.9	3.65	3	17	96.8	0.90	54.2	5,265	7.9	3.6	12.1	5.8	4.4	9.1
8.884	82.4	3	4:20 PM	103.6	6285	39.29	33.98	19.41	15.06	12.59	6.48	4.8	3.9	23	96.8	0.90	55.8	5,041	7.5	3.6	12.0	5.7	4.4	8.9
8.884	82.4	4	4:20 PM	103.6	8800	41.96	33.45	22.12	16.08	12.69	6.97	5.14	4.2	24	96.8	0.90	56.1	5,221	7.8	3.5	11.7	5.8	4.4	8.8


BIA 28
Eff. Structural Number
Eff. R-value
Test Location, miles
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
10.0
Eff. S. N..
Eff. R-value

BIA 28


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
10.0
Test Location, miles
AASHTO
TONN

County:	Shannon County SD
Date Tested:	6/20/2008
Julian:	172
Highway	BIA 27 - 10
From:	US 18
To:	North 5.7 miles
Dir	NB
Prev Day Temp	75 °F
Bit. Thickness	4.8 inches
Daily ESALs	25.5
Annual Growth	2.00%
Design Period	20 years
Proj. Factor	1.49
Growth Factor	24.30
Design ESALs	226,148
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	59.06
	0	7.874	11.81	17.72	23.62	35.4	47.24	59.06
	22.38	17.27	13.43	9.01	6.52	3.61	2.39	1.80
		0.77	0.60	0.40	0.29	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							
	$_sBB_{60}$ mils	Esg psi	Eff. R-val	Eff SN inches	Axle Load for Design Defl. Tons			TONN Tons
					AASHTO	Soil Fact.	Inv 183	
Avg. =	46.7	8,765	14.6	3.1	10.9	5.5	4.3	12.4
Median =	43.73	8,483	13.9	3.1	11.0	5.6	4.3	12.3
Std.Dev. =	13.67	2,360	4.8	0.5	1.8	0.4	0.3	3.0
85th % =	34.7	6,430	10.0	2.7	9.4	5.2	4.1	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	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	69.9	1	10:02 AM	82.5	6858	22.24	18.06	14.21	9.88	7.22	4.05	2.88	2.37	14	77.2	1.02	51.8	6,881	10.8	3.1	10.2	5.2	4.1	10.4
0.019	69.9	2	10:02 AM	82.5	7198	22.72	18.06	14.22	9.9	7.3	4.13	2.91	2.26	14	77.2	1.02	50.7	7,123	11.3	3.1	10.3	5.3	4.2	10.7
0.019	69.9	3	10:02 AM	82.5	6899	28.3	22.6	17.78	12.37	9.11	5.13	3.6	2.84	18	77.2	1.02	51.0	7,060	11.1	3.1	10.3	5.3	4.2	10.6
0.019	69.9	4	10:02 AM	82.5	8998	28.52	22.85	17.98	12.53	9.22	5.22	3.67	2.89	18	77.2	1.02	50.8	7,061	11.1	3.1	10.3	5.3	4.2	10.6
0.099	69.7	1	10:05 AM	81.0	6957	17.61	13.5	10.7	7.43	5.59	3.28	2.3	1.81	11	76.3	1.03	42.4	8,958	14.9	3.2	11.2	5.6	4.4	12.7
0.099	69.7	2	10:05 AM	81.0	7012	16.98	13.03	10.37	7.26	5.49	3.28	2.32	1.82	11	76.3	1.03	40.9	9,242	15.4	3.3	11.4	5.7	4.4	13.2
0.099	69.7	3	10:05 AM	81.0	8932	21.59	16.6	13.23	9.31	7.05	4.22	2.98	2.33	14	76.3	1.03	40.8	9,193	15.3	3.3	11.5	5.7	4.4	13.2
0.099	69.7	4	10:05 AM	81.0	9064	21.81	16.77	13.39	9.41	7.13	4.26	3.01	2.36	14	76.3	1.03	40.7	9,227	15.4	3.3	11.5	5.7	4.4	13.3
0.200	71	1	10:09 AM	80.4	7165	17.43	13.27	10.39	7.04	5.06	2.81	1.98	1.57	11	75.9	1.03	41.3	9,914	16.8	3.0	11.0	5.7	4.4	13.1
0.200	71	2	10:09 AM	80.4	7253	17.63	13.45	10.55	7.16	5.15	2.87	2.02	1.61	11	75.9	1.03	41.3	9,880	16.7	3.1	11.0	5.7	4.4	13.1
0.200	71	3	10:09 AM	80.4	8888	21.15	16.17	12.71	8.67	6.28	3.51	2.48	1.98	13	75.9	1.03	40.5	9,982	16.9	3.1	11.1	5.8	4.4	13.3
0.200	71	4	10:09 AM	80.4	8877	21.11	16.15	12.69	8.65	6.28	3.52	2.5	1.97	13	75.9	1.03	40.5	9,976	16.9	3.1	11.1	5.8	4.4	13.3
0.291	71.6	1	10:10 AM	81.6	6781	16.02	12.35	9.4	6.26	4.48	2.53	1.84	1.44	9.5	76.7	1.03	40.1	10,464	18.0	3.0	11.0	5.8	4.5	13.5
0.291	71.6	2	10:10 AM	81.6	6847	15.46	11.91	9.09	6.09	4.39	2.51	1.8	1.42	9.3	76.7	1.03	38.7	10,839	18.7	3.1	11.2	5.9	4.5	14.0
0.291	71.6	3	10:10 AM	81.6	8789	19.19	14.8	11.36	7.68	5.6	3.22	2.33	1.85	12	76.7	1.03	37.6	11,007	19.1	3.1	11.5	5.9	4.5	14.3
0.291	71.6	4	10:10 AM	81.6	9042	19.58	15.09	11.59	7.84	5.71	3.29	2.36	1.9	12	76.7	1.03	37.4	11,103	19.3	3.1	11.5	5.9	4.5	14.4
0.385	71.1	1	10:11 AM	81.1	6737	17.38	13.92	11.04	7.56	5.5	2.93	2.07	1.55	11	76.4	1.03	43.1	8,810	14.6	3.2	11.1	5.6	4.3	12.5
0.385	71.1	2	10:11 AM	81.1	6825	16.88	13.49	10.72	7.4	5.41	2.94	2.09	1.58	11	76.4	1.03	41.7	9,106	15.1	3.2	11.3	5.7	4.4	13.0
0.385	71.1	3	10:11 AM	81.1	8833	21.65	17.33	13.81	9.59	7.06	3.88	2.75	2.09	14	76.4	1.03	41.3	9,075	15.1	3.3	11.4	5.7	4.4	13.1
0.385	71.1	4	10:11 AM	81.1	9064	22.17	17.73	14.15	9.84	7.26	4	2.83	2.15	14	76.4	1.03	41.3	9,065	15.1	3.3	11.4	5.7	4.4	13.1
0.480	71.6	1	10:12 AM	81.6	6748	14.57	11.9	9.62	6.8	5.03	2.9	1.96	1.5	9.6	76.7	1.02	37.2	9,875	16.7	3.4	12.2	5.8	4.5	14.5
0.480	71.6	2	10:12 AM	81.6	6770	14.19	11.56	9.37	6.66	4.95	2.87	1.95	1.48	9.5	76.7	1.02	36.3	10,093	17.2	3.5	12.4	5.9	4.5	14.9
0.480	71.6	3	10:12 AM	81.6	8756	18.24	14.89	12.08	8.62	6.43	3.74	2.56	1.97	12	76.7	1.02	36.2	10,073	17.1	3.5	12.4	5.9	4.5	14.9
0.480	71.6	4	10:12 AM	81.6	8976	18.67	15.22	12.37	8.83	6.6	3.85	2.64	2.04	13	76.7	1.02	36.1	10,066	17.1	3.5	12.5	5.9	4.5	14.9