

# **COLORADO STATE IMPLEMENTATION PLAN FOR PM<sub>10</sub>**

## **REVISED TECHNICAL SUPPORT DOCUMENT**

**September 2005**

Denver Metropolitan Nonattainment Area

Emission Inventories and Dispersion Model Results for the Maintenance  
Plan



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# Table of Contents

<b>1.0 INTRODUCTION.....</b>	<b>1</b>
<b>2.0 BACKGROUND .....</b>	<b>1</b>
2.1 NATIONAL AMBIENT AIR QUALITY STANDARDS FOR FINE PARTICULATE .....	1
2.2 HEALTH EFFECTS OF PARTICULATE MATTER LESS THAN 10 MICRON IN SIZE .....	1
2.3 DENVER PM <sub>10</sub> AREA DESIGNATION HISTORY .....	2
2.4 DENVER METROPOLITAN ATTAINMENT/MAINTENANCE AREA.....	2
2.5 MAINTENANCE PLAN REQUIREMENTS .....	4
<b>3.0 EMISSION INVENTORIES.....</b>	<b>6</b>
3.1 SUMMARY OF EMISSION INVENTORIES.....	6
3.2 DEMOGRAPHIC AND TRANSPORTATION DATA .....	9
3.3 PROJECT SURROGATES.....	9
3.4 MOBILE SOURCE RELATED PM <sub>10</sub> , NITROGEN OXIDE AND SULFUR OXIDE EMISSION INVENTORIES .....	9
3.4.1 <i>Mobile6.2 Input Parameters</i> .....	9
3.4.1.1 Travel Demand Model based parameters .....	9
3.4.1.2 Local Vehicle Mix and Vehicle Registration Distribution .....	10
3.4.1.3 Control Strategy Parameterization.....	10
3.4.2 <i>Mobile Source Emission Tailpipe PM<sub>10</sub>, Nitrogen Oxide and Sulfur Dioxide Inventories         Summaries</i> .....	11
3.4.3 <i>Road Dust and Sanding Emission Inventories</i> .....	12
3.5 MAJOR STATIONARY POINT SOURCES .....	16
3.5.1 <i>Development of Major Source PM<sub>10</sub> Emission Inventory</i> .....	16
3.5.1.1 Filterable PM <sub>10</sub> Emissions .....	16
3.5.1.2 Condensable PM <sub>10</sub> Emissions .....	17
3.5.1.3 Cumulative Mass Percent of PM emissions less than 10 µm .....	17
3.5.1.4 Major Source PM <sub>10</sub> Emission Inventory.....	18
3.5.2 <i>Development of Major Source Secondary PM<sub>10</sub> Emission Inventory</i> .....	21
3.5.2.1 Maximum Daily NO <sub>x</sub> and SO <sub>2</sub> Emissions.....	23
3.5.2.2 Major Source Secondary PM <sub>10</sub> Emission Inventory .....	24
3.6 AREA, NON-ROAD AND POINT SOURCE EMISSION INVENTORIES .....	26
3.6.1 <i>Non-road Model Input File For 2001</i> .....	30
<b>4.0 AIR QUALITY MODELING METHODOLOGY.....</b>	<b>35</b>
4.1 OVERVIEW OF MODELING PROCESS.....	35
4.2 MODEL SELECTION .....	35
4.4 PRIMARY PM <sub>10</sub> BACKGROUND CONCENTRATION .....	39
4.5 METEOROLOGICAL DATA USED IN THE DISPERSION MODELING ANALYSIS .....	40
4.6 MODELING DOMAIN .....	40
4.7 MODEL PERFORMANCE EVALUATION .....	42
<b>5.0 MODELING-BASED MAINTENANCE DEMONSTRATION .....</b>	<b>43</b>
5.1 MODEL RESULTS .....	43
<b>6.0 REFERENCES.....</b>	<b>49</b>

<b>APPENDIX G – SUMMARY OF DISPERSION MODEL RESULTS FOR 2001 BASE YEAR</b>	<b>54</b>
<b>APPENDIX H – SUMMARY OF DISPERSION MODEL RESULTS FOR 2009</b>	<b>81</b>
<b>APPENDIX I – SUMMARY OF DISPERSION MODEL RESULTS FOR 2010</b>	<b>108</b>
<b>APPENDIX J – SUMMARY OF DISPERSION MODEL RESULTS FOR 2015</b>	<b>135</b>
<b>APPENDIX K – SUMMARY OF DISPERSION MODEL RESULTS FOR 2020</b>	<b>162</b>
<b>APPENDIX L – SUMMARY OF DISPERSION MODEL RESULTS FOR 2025</b>	<b>189</b>
<b>APPENDIX M – SUMMARY OF DISPERSION MODEL RESULTS FOR 2030</b>	<b>216</b>

## Tables

TABLE 3.1-1 PRIMARY PM <sub>10</sub> EMISSION INVENTORY FOR THE DENVER MODELING DOMAIN	7
TABLE 3.1-2 – NO <sub>x</sub> AND SO <sub>2</sub> EMISSIONS INVENTORIES FOR THE DENVER MODELING DOMAIN	8
TABLE 3.2: DEMOGRAPHIC AND TRANSPORTATION DATA PM <sub>10</sub> MODELING DOMAIN	9
TABLE 3.4-1 SUMMARY OF VMT, EMISSION FACTORS AND EMISSION INVENTORY FOR MOBILE SOURCES	11
TABLE 3.5-1. REG. 1 PM LIMITATION FOR FUEL BURNING EQUIPMENT	17
TABLE 3.5-2. REG. 1 PM LIMITATION FOR MANUFACTURING PROCESSES	17
TABLE 3.5-3. CUMULATIVE MASS % OF PM EMISSIONS LESS THAN 10 μM	18
TABLE 3.5-4. COLORADO REFINING COMPANY PM <sub>10</sub> POINT SOURCE EMISSIONS	18
TABLE 3.5-5. PLAINS END GENERATING STATION I AND II PM <sub>10</sub> POINT SOURCE EMISSIONS	19
TABLE 3.5-6. PSCO-ARAPAHOE STATION PM <sub>10</sub> POINT SOURCE EMISSIONS	19
TABLE 3.5-7. PSCO-CHEROKEE STATION PM <sub>10</sub> POINT SOURCE EMISSIONS	19
TABLE 3.5-8. PSCO-ZUNI STATION PM <sub>10</sub> POINT SOURCE EMISSIONS	19
TABLE 3.5-9. ROBINSON BRICK PM <sub>10</sub> POINT SOURCE EMISSIONS	20
TABLE 3.5-10. SUNCOR DENVER REFINERY PM <sub>10</sub> POINT SOURCE EMISSIONS	20
TABLE 3.5-11. TRIGEN-COLORADO ENERGY CORPORATION PM <sub>10</sub> POINT SOURCE EMISSIONS	21
TABLE 3.5-12. EVALUATION FOR MODELING SECONDARY PM <sub>10</sub> SOURCES AT ACTUAL EMISSIONS	22
TABLE 3.5-13. NO <sub>x</sub> AND SO <sub>2</sub> EMISSION LIMITATIONS	24
TABLE 3.5-14. MAXIMUM DAILY EMISSIONS BASED ON EMISSION FACTORS	24
TABLE 3.5-15. BUCKLEY AIR FORCE BASE NO <sub>x</sub> AND SO <sub>2</sub> POINT SOURCE EMISSIONS	25
TABLE 3.5-16. PSCO-ARAPAHOE STATION NO <sub>x</sub> AND SO <sub>2</sub> POINT SOURCE EMISSIONS	25
TABLE 3.5-17. PSCO-CHEROKEE STATION NO <sub>x</sub> AND SO <sub>2</sub> POINT SOURCE EMISSIONS	25
TABLE 3.5-18. PSCO-VALMONT STATION NO <sub>x</sub> AND SO <sub>2</sub> POINT SOURCE EMISSIONS	25
TABLE 3.5-19. ROCKY MOUNTAIN BOTTLE COMPANY NO <sub>x</sub> AND SO <sub>2</sub> POINT SOURCE EMISSIONS	26

TABLE 3.5-20. TRIGEN-COLORADO ENERGY CORP. NO <sub>x</sub> AND SO <sub>2</sub> POINT SOURCE EMISSIONS	26
TABLE 4.3-1. 2002 BASE YEAR SECONDARY PARTICULATE CONCENTRATION	38
TABLE 4.3-2. SECONDARY PARTICULATE CONCENTRATION WORKSHEET	38
TABLE 4.4-1. MONTHLY MEAN PM <sub>10</sub> BACKGROUND CONCENTRATIONS	39
TABLE 4.6-1. DENVER METROPOLITAN AREA PM <sub>10</sub> MODELING DOMAIN.	41
TABLE 4.7-1: COMPARISON OF MONITORED DATA VERSUS 2002 MODELED VALUES UNPAIRED IN TIME	43
TABLE 5.1-1. SUMMARY OF MAINTENANCE YEAR MODEL DEMONSTRATION	44

## Figures

FIGURE 1. DENVER METROPOLITAN AREA PM <sub>10</sub> DISPERSION MODEL AND EMISSION INVENTORY DOMAIN DEPICTED WITHIN THE ATTAINMENT/MAINTENANCE AREA BOUNDARIES.....	3
FIGURE 4.6.4. AREA SOURCE AND RECEPTOR SCHEMES.....	42
FIGURE 5.1 DENVER SIXTH HIGHEST PM <sub>10</sub> CONCENTRATION 2001 ISOPLETHS .....	44
FIGURE 5.3 DENVER SIXTH HIGHEST PM <sub>10</sub> CONCENTRATION 2010 ISOPLETHS .....	45
FIGURE 5.4. 2015 MAINTENANCE YEAR CONCENTRATION ISOPLETHS.....	46
FIGURE 5.4 DENVER SIXTH HIGHEST PM <sub>10</sub> CONCENTRATION 2020 ISOPLETHS .....	46
FIGURE 5.5 DENVER SIXTH HIGHEST PM <sub>10</sub> CONCENTRATION 2022 ISOPLETHS .....	47
FIGURE 5.6 DENVER SIXTH HIGHEST PM <sub>10</sub> CONCENTRATION 2025 ISOPLETHS .....	47
FIGURE 5.3 DENVER SIXTH HIGHEST PM <sub>10</sub> CONCENTRATION 2030 ISOPLETHS .....	48

## Appendices

APPENDIX A DIA EMISSIONS INVENTORY DOCUMENTATIONS .....	50
APPENDIX B MOBILE6.2 EMISSION FACTOR MODELING DOCUMENTATION.....	51
APPENDIX E.1 – E.4 MAJOR STATIONARY POINT SOURCES .....	52
APPENDIX G SUMMARY OF DISPERSION MODEL RESULTS FOR 2001 BASE YEAR ....	53
APPENDIX H SUMMARY OF DISPERSION MODEL RESULTS FOR 2009.....	80
APPENDIX I SUMMARY OF DISPERSION MODEL RESULTS FOR 2010 .....	107
APPENDIX J SUMMARY OF DISPERSION MODEL RESULTS FOR 2015 .....	134
APPENDIX K SUMMARY OF DISPERSION MODEL RESULTS FOR 2020.....	161
APPENDIX L SUMMARY OF DISPERSION MODEL RESULTS FOR 2025 .....	188
APPENDIX M SUMMARY OF DISPERSION MODEL RESULTS FOR 2030 .....	215

## 1.0 Introduction

This document presents technical methodologies and data which supports and updates the Denver area maintenance plan for particulate matter (PM<sub>10</sub>). Presented in this document are emission inventories and air quality modeling methodologies that updates the Denver PM<sub>10</sub> maintenance plan used to demonstrate future maintenance of the PM<sub>10</sub> standard. The Denver metropolitan area was designated as a PM<sub>10</sub> maintenance area in 2001 and has not violated the 24-hour PM<sub>10</sub> standard since 1993. This document presents emission inventory and dispersion modeling results that demonstrate that the Denver area will maintain the PM<sub>10</sub> standard well into the future.

## 2.0 Background

### 2.1 National Ambient Air Quality Standards for Fine Particulate

In 1987, the EPA changed the particulate matter standard to include only those particles with an aerodynamic diameter of less than or equal to 10 microns (commonly referred to as PM<sub>10</sub>). The current PM<sub>10</sub> NAAQS allow for a maximum annual average of 50 ug/m<sup>3</sup>, and, a 24-hour average of 150 ug/m<sup>3</sup>. The 24-hour PM<sub>10</sub> NAAQS may not be exceeded more than three times over any three-year period.

There are both primary and secondary air quality standards. The primary standards are set to protect human health, with a margin of safety to protect the more sensitive persons in the population, such as the very young, elderly and the ill. Secondary standards are set to protect property, materials, aesthetic values and general welfare. For PM<sub>10</sub>, the national primary and secondary standards are the same. As stated in the Code of Federal Regulations (40 CFR Part 50.6),

The standards are attained when the expected number of days per calendar year with a 24-hour average concentration above 150 ug/m<sup>3</sup> is equal to or less than one (based on 3-year average), and the annual arithmetic mean concentration is less than or equal to 50 ug/m<sup>3</sup> (based on 3-year average) as determined by Appendix K.

### 2.2 Health Effects of Particulate Matter Less Than 10 Micron in Size

Both fine and coarse particles can accumulate in the respiratory system and are associated with numerous health effects. Coarse particles can aggravate respiratory conditions such as asthma. Exposure to fine particles is associated with several serious health effects, including premature death. Adverse health effects have been associated with exposures to PM over both short periods (such as a day) and longer periods (a year or more).

- When exposed to PM, people with existing heart or lung diseases—such as asthma, chronic obstructive pulmonary disease, congestive heart disease, or

ischemic heart disease—are at increased risk of premature death or admission to hospitals or emergency rooms.

- The elderly are also sensitive to PM exposure. They are at increased risk of admission to hospitals or emergency rooms and premature death from heart or lung diseases.
- When exposed to PM, children and people with existing lung disease may not be able to breathe as deeply or vigorously as they normally would, and they may experience symptoms such as coughing and shortness of breath.
- PM can increase susceptibility to respiratory infections and can aggravate existing respiratory diseases, such as asthma and chronic bronchitis, causing more use of medication and more doctor visits.

### **2.3 Denver PM<sub>10</sub> Area Designation History**

Historically, the particulate matter standard had been frequently violated in the 1970's, 1980's, and early 1990's throughout the Denver metropolitan area. There has only been one exceedance of the 24-hour standard during the 1994 through 2003 period. With the implementation of emission control programs aimed at reducing re-entrained fugitive dust, automobile and industrial emissions, PM<sub>10</sub> concentrations have stabilized at levels well below the NAAQS.

### **2.4 Denver Metropolitan Attainment/Maintenance Area**

The boundaries of the metro Denver attainment/maintenance area are defined in Colorado's Ambient Air Quality Standards Regulation. The Denver metropolitan PM<sub>10</sub> attainment/maintenance area includes the entire City and County of Denver; those portions of Adams and Arapahoe counties west of Kiowa Creek; all of Douglas County; all of Jefferson County ; and all of Boulder County except Rocky Mountain National Park. Figure 1 presents graphically where the Denver PM<sub>10</sub> attainment and Maintenance area boundaries are.

## PM10 Nonattainment Area and Modeling Domain

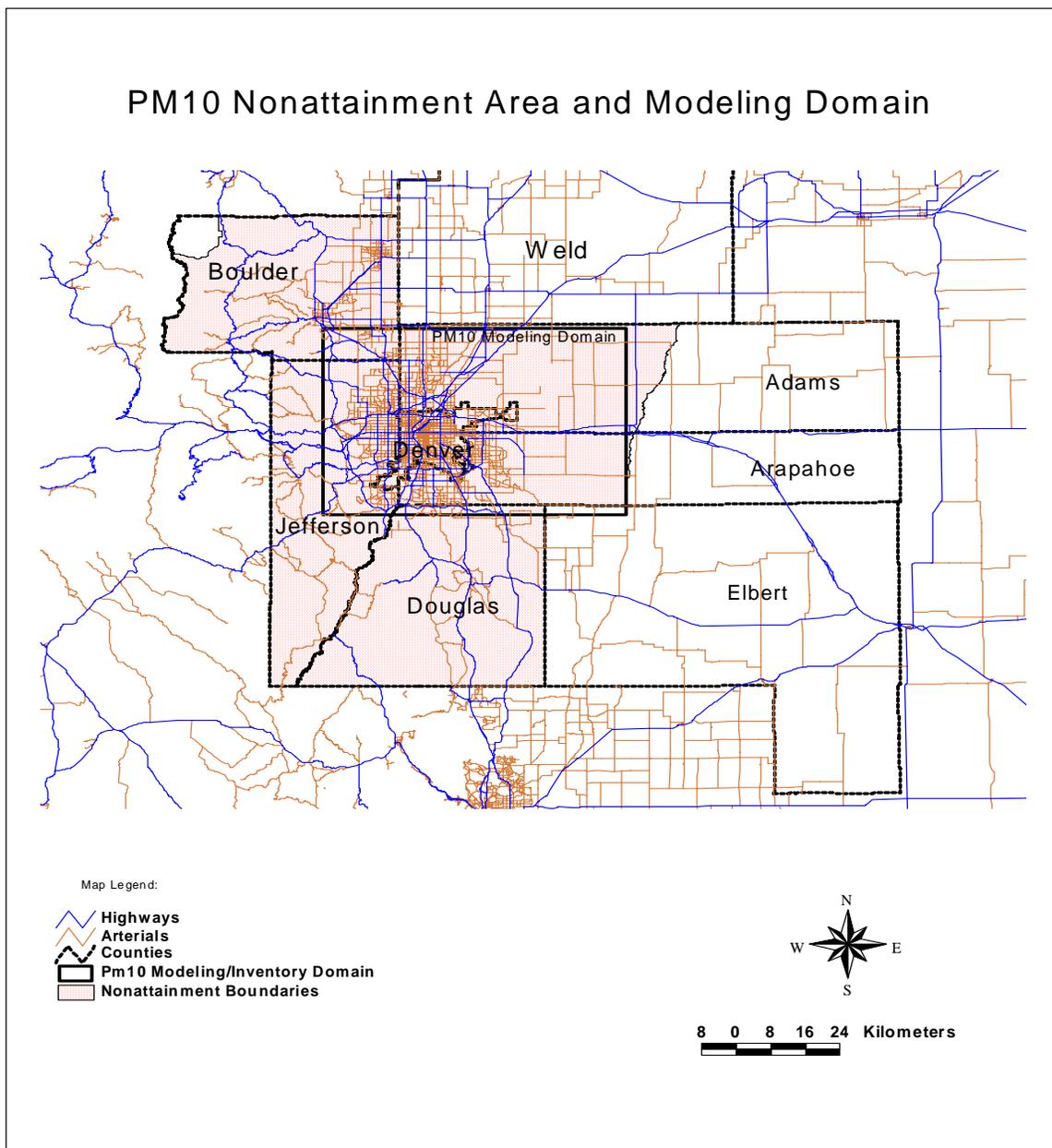


Figure 1. Denver metropolitan area PM10 Dispersion Model and Emission Inventory Domain Depicted within the Attainment/Maintenance Area Boundaries.

## **2.5 Maintenance Plan Requirements**

The State must have a fully approved particulate matter (PM<sub>10</sub>) maintenance plan that meets the requirements of CAA Section 175A, including a demonstration that the area will maintain the standard for a period of at least 10 years following redesignation by EPA. The plan must also contain contingency measures that could be implemented if a violation of the standard is monitored at any time during the maintenance period. The State must demonstrate that the improvement in air quality leading to maintenance of the standards is due to permanent and federally enforceable emissions reductions.



## 3.0 Emission Inventories

Emission inventories for primary PM<sub>10</sub>, nitrogen oxides and sulfur dioxide were developed for the 2001 base-attainment year, the 2009 and 2010 interim years, the 2015 interim budget year, the 2020 and 2025 interim years. The 2022 maintenance year emission inventories were a linear interpolation between the 2020 and 2025 interim year inventories.

The 2001 base inventory incorporates the estimated actual emissions and control measures in place at that time. The 2009, 2010, 2015, 2020, and 2025 inventories incorporate control measures described in sections pertinent to each emissions source category (Section 3.6

All of the inventories are for the “modeling domain” of the Denver attainment/maintenance area and provide emissions estimates for an average winter weekday after a snow event. Because of technical modeling limitations when the RAM dispersion modeling system was developed (early 1990’s), the modeling domain is smaller than the attainment/maintenance area. Although, the domain does include all areas of expected maximum PM<sub>10</sub> concentrations. The modeling domain is also used to establish the motor vehicle emissions budgets for the region as discussed in subsequent sections of this plan.

All of the inventories were developed using EPA-approved emissions modeling methods and updated transportation and demographics data from DRCOG. This technical support document contains detailed information on model assumptions and parameters for each emission inventory source category.

The emissions inventories include forecasted estimates from Denver International Airport (DIA) operations and construction. The Technical Support Document contains a table of DIA-specific emissions for purposes of general conformity demonstrations. The entirety of the documentation of DIA’s emissions estimates is included in Appendix A.

### 3.1 Summary of Emission Inventories

Table 3.1-1 summarizes the winter Primary PM<sub>10</sub> inventories used to demonstrate continued attainment of the PM<sub>10</sub> NAAQS for the State Implementation Plan revision. Table 3.1-2 presents the NO<sub>x</sub> and SO<sub>2</sub> emissions inventories that were used in the secondary particulate projected estimates. In the following table and elsewhere in this document, the decimal procession of the results is no intended to imply a level of accuracy.

**Table 3.1-1 Primary PM<sub>10</sub> Emission Inventory for the Denver Modeling Domain**

<b>Primary PM<sub>10</sub></b>	<b>2001</b>	<b>2009</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>	<b>2022</b>	<b>2025</b>
<b>Aircraft</b>	0.5	0.5	0.5	0.6	0.7	0.7	0.6
<b>Commercial Cooking</b>	2.2	2.3	2.4	2.7	2.9	3.0	3.1
<b>Construction</b>	6.3	6.8	7.0	7.9	8.5	8.7	9.0
<b>Fuel Combustion</b>	1.3	1.4	1.5	1.6	1.7	1.7	1.8
<b>Railroads</b>	0.1	0.1	0.1	0.2	0.2	0.2	0.2
<b>Structure Fires</b>	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>Unpaved Roads</b>	1.6	1.6	1.6	1.6	1.6	1.6	1.6
<b>Woodburning</b>	6.5	6.6	6.6	6.6	6.7	6.7	6.8
<b>Commercial Equipment</b>	0.4	0.3	0.3	0.2	0.2	0.2	0.1
<b>Construction Equipment</b>	0.9	0.7	0.6	0.4	0.2	0.1	0.1
<b>Industrial Equipment</b>	0.2	0.1	0.1	0.1	0.0	0.0	0.0
<b>Other Non-Road</b>	0.3	0.3	0.3	0.4	0.4	0.4	0.4
<b>Gridded Point Sources</b>	6.7	7.8	8.0	8.9	9.9	10.3	11.0
<b>Potential to Emit Points</b>	2.2	21.6	21.6	21.6	21.6	21.6	21.6
<b>Mobile Source</b>	33.1	41.7	42.4	46.6	50.7	52.1	54.3
<b>Primary PM<sub>10</sub> Total</b>	62.3	92.0	93.3	99.4	105.3	107.5	110.8

Table 3.1-2 – NO<sub>x</sub> and SO<sub>2</sub> Emissions Inventories for the Denver Modeling Domain

<b>Nitrogen Oxides</b>	<b>2001</b>	<b>2009</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>	<b>2022</b>	<b>2025</b>
<b>Aircraft</b>	8.5	9.8	10.2	10.8	11.7	12.4	12.8
<b>Fuel Combustion</b>	16.3	18.1	18.3	19.4	20.8	21.4	22.3
<b>Railroads</b>	4.6	5.4	5.5	6.7	7.3	7.6	8.0
<b>Woodburning</b>	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<b>Other Nonroad</b>	20.6	14.5	13.7	9.9	7.3	6.9	6.3
<b>Gridded Point Sources</b>	5.0	5.3	5.4	5.8	6.5	6.7	7.0
<b>Potential to Emit Points</b>	67.5	149.0	149.2	149.6	150.9	151.4	152.2
<b>Mobile Source</b>	131.9	77.9	73.4	50.0	38.9	37.6	35.6
<b>Total Nitrogen Oxides</b>	255.1	280.6	276.4	252.8	244.1	244.8	245.8

<b>Sulfur Dioxide</b>	<b>2001</b>	<b>2009</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>	<b>2022</b>	<b>2025</b>
<b>Aircraft</b>	0.7	0.9	1.0	1.0	1.1	1.2	1.3
<b>Fuel Combustion</b>	0.3	0.3	0.3	0.3	0.3	0.3	0.3
<b>Railroads</b>	0.2	0.3	0.3	0.3	0.4	0.4	0.4
<b>Woodburning</b>	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>Other Nonroad</b>	0.6	0.4	0.4	0.1	0.1	0.1	0.1
<b>Gridded Point Sources</b>	0.8	0.9	0.9	1.0	1.1	1.1	1.2
<b>Potential to Emit Points</b>	93.6	178.1	178.2	178.9	179.7	180.9	182.8
<b>Mobile Source</b>	4.9	0.8	0.5	0.6	0.7	0.7	0.7
<b>Total SO<sub>2</sub></b>	101.3	181.8	181.7	182.4	183.5	184.9	186.9

### 3.2 Demographic and Transportation Data

The emission estimates were updated based on the most recent demographic and VMT estimates contained in DRCOG's conformity analysis for the updated fiscally constrained element of the Fiscally-Constrained 2030 Regional Transportation Plan (January 2005). These data are summarized in the following table:

**Table 3.2: Demographic and Transportation Data PM<sub>10</sub> Modeling Domain**

<b>Period</b>	<b>2001</b>	<b>2005</b>	<b>2015</b>	<b>2020</b>	<b>2030</b>
Population	2,034,861	2,146,319	2,432,326	2,612,345	2,972,384
Households	812,273	868,183	994,133	1,074,706	1,235,853
Employment	1,171,970	1,122,934	1,434,530	1,533,233	1,730,639
Daily VMT	49,783,121	53,208,574	65,722,110	71,484,844	82,081,684

### 3.3 Project Surrogates

Area source emissions were projected to future years using the EGAS model.

### 3.4 Mobile Source Related PM<sub>10</sub>, Nitrogen Oxide and Sulfur Oxide Emission Inventories

#### 3.4.1 Mobile6.2 Input Parameters

##### 3.4.1.1 Travel Demand Model based parameters

The basis for mobile source activity level is the DRCOG the 2030 Regional Transportation Plan (RTP) travel demand modeling. The 2001, 2005, 2015, 2020 and 2030 networks from the 2030 RTP will be used for VMT estimates. The 2009, 2010 and 2025 VMT and network speed estimates were determined from interpolations between the appropriate 2030 RTP networks.

The following Mobile6.2 inputs parameters for 2001, 2009, 2010, 2015, 2020 and 2030 were derived from the 2030 RTP:

- Vehicle speeds (SPEED VMT command)
- Diurnal distribution of VMT (VMT BY HOUR command)
- Distribution of VMT by Facility class (VMT BY FACILITY)

A FORTRAN program was written to convert the speeds and VMT as a function of 10 peak periods, facility type and area type into the proper formats for the Mobile6.2 command files. This FORTRAN program, link\_to\_area1.f, is included in Appendix B.

The temporal basis of the DRCOG 2030 RTP is 10 peak periods: Three a.m. and p.m. peak periods and four off peak periods. Each link in the network has a traffic volume and speed associated with each of the 10 peak periods. The length of each peak period and where it occurs during the day is dependent on the level of congestion during the peak period. The FORTRAN processing program utilizes congestion level/peak period definition information from DRCOG to allocate the VMT and speed to the appropriate hour(s) in the day. Finally, the VMT for each area type is normalized to unity, resulting in the files referenced by the VMT BY HOUR command. The SPEED VMT files are processed similarly, although the speeds are weighted by the VMT across the freeway and arterial classes. Freeway and Major Regional speeds from the DRCOG 2030 RTP comprise the Mobile6.2 'freeway' speed. Likewise the RTP speeds for Major Arterials, Minor Arterials and Collectors comprise the Mobile6.2 'arterial' speed. Mobile6.2 'ramps' and 'locals' speeds are defined internal by the Mobile6.2 model. SPEED VMT files for 2009, 2010, 2013 and 2025 were interpolated from the appropriate RTP model years.

Each link in the DRCOG networks is also designated with a facility class (freeway, expressway, principal and minor arterial, collector, ramp and local) and area type (CBD, fringe, urban, suburban and rural). The file referenced by the VMT BY FACILITY command results from a summary of VMT by facility type for each area type.

Finally, the FORTRAN processing program writes a text file of five scenarios, one for each area type. The text for each scenario references the appropriate files through the SPEED VMT, VMT BY FACILITY and VMT BY HOUR commands. The scenarios text is then appended to the 'header' and 'run' sections to complete the Mobile6.2 input file.

#### 3.4.1.2 Local Vehicle Mix and Vehicle Registration Distribution

Colorado data on VMT mix and vehicle registration distribution has been recently updated. These new local data sets were included in this SIP revision. This information results from a survey of VMT mix across the state of Colorado during 2001. To estimate the VMT mix for years other than 2001, the 2001 VMT mix is 'aged' using the trend in the default Mobile6.2 VMT fraction between 2009 and 2030. The VMT mix is included as part of the scenario description for each area type in the Mobile6.2 'scenario section'. The reference to the registration distribution is included in the 'RUN DATA' section of the Mobile6.2 input files. The VMT mix information and registration distribution is included in the Appendix B as part of the Mobile6.2 inputs and outputs.

#### 3.4.1.3 Control Strategy Parameterization

For purposes of this technical demonstration, it is assumed that the I/M 240 program and the oxygenated fuel program will terminate on December 31, 2007. Consequently, the year 2009 (January 1, 2009) is proposed as the first interim year for an emissions inventory

estimate to recognize the reduced emissions benefits of the I/M 240 program. The year 2010 is proposed as the second interim year for an emissions inventory estimate to recognize the elimination of emissions benefits of the I/M 240 program in the SIP.

### 3.4.2 Mobile Source Emission Tailpipe PM<sub>10</sub>, Nitrogen Oxide and Sulfur Dioxide Inventories Summaries

The mobile source emission factors were calculated using the EPA Mobile6.2 model executable. The Mobile6.2 model input and output files are included in the Appendix B. Since the I/O for all the base, maintenance and interim year inventories is comprised of may files, it is not included with this document. Appendix B is available on CD upon request and it is available for download on the Technical Services Program Technical Documents web site, <http://apcd.state.co.us/documents/techdocs.html>. The brake and tire wear components are parameterized by Mobile6.2 and included in the tailpipe PM<sub>10</sub> emissions rates. To maintain consistency with previous mobile source related emissions inventories, these inventories are reduced by a factor of .973 to account for reduced travel during the wintertime. The following tables summarize the VMT, emissions factors and resulting emissions inventories:

**Table 3.4-1 Summary of VMT, emission Factors and Emission inventory for Mobile Sources**

		Mobile6.2 Emission factors (g/mi)			Emission Inventories (ton/day)		
2001	VMT	PM <sub>10</sub>	NO <sub>x</sub>	SO <sub>2</sub>	PM <sub>10</sub>	NO <sub>x</sub>	SO <sub>2</sub>
<b>CBD</b>	595,123	0.0778	2.534	0.0985	0.048	1.558	0.061
<b>Fringe</b>	4,017,388	0.0565	2.494	0.0937	0.234	10.348	0.389
<b>Urban</b>	18,726,513	0.0581	2.507	0.0956	1.124	48.490	1.849
<b>Suburban</b>	21,364,493	0.0574	2.582	0.0963	1.267	56.975	2.125
<b>Rural</b>	5,079,604	0.0574	2.775	0.0964	0.301	14.559	0.506
<b>Total</b>	49,783,121				2.974	131.930	4.929
		Mobile6.2 Emission factors (g/mi)			Emission Inventories (ton/day)		
2009	VMT	PM <sub>10</sub>	NO <sub>x</sub>	SO <sub>2</sub>	PM <sub>10</sub>	NO <sub>x</sub>	SO <sub>2</sub>
<b>CBD</b>	660,625	0.0476	1.390	0.0146	0.032	0.948	0.010
<b>Fringe</b>	6,917,655	0.0367	1.250	0.0127	0.262	8.931	0.091
<b>Urban</b>	28,465,087	0.0375	1.275	0.0131	1.103	37.485	0.385
<b>Suburban</b>	18,450,188	0.0370	1.315	0.0131	0.705	25.059	0.250
<b>Rural</b>	3,720,406	0.0370	1.425	0.0132	0.142	5.476	0.051
<b>Total</b>	58,213,960				2.244	77.899	0.786
		Mobile6.2 Emission factors (g/mi)			Emission Inventories (ton/day)		
2010	VMT	PM <sub>10</sub>	NO <sub>x</sub>	SO <sub>2</sub>	PM <sub>10</sub>	NO <sub>x</sub>	SO <sub>2</sub>
<b>CBD</b>	668,182	0.0436	1.309	0.0085	0.030	0.903	0.006
<b>Fringe</b>	6,999,959	0.0346	1.156	0.0086	0.250	8.358	0.062
<b>Urban</b>	28,942,404	0.0352	1.176	0.0086	1.052	35.154	0.257
<b>Suburban</b>	18,951,168	0.0349	1.213	0.0088	0.683	23.743	0.172
<b>Rural</b>	3,901,760	0.0349	1.311	0.0087	0.141	5.283	0.035
<b>Total</b>	59,463,473				2.156	73.442	0.532
		Mobile6.2 Emission factors (g/mi)			Emission Inventories (ton/day)		

<b>2013</b>	<b>VMT</b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>
<b>CBD</b>	690,853	0.0371	0.998	0.0088	0.026	0.712	0.006
<b>Fringe</b>	7,246,874	0.0312	0.857	0.0088	0.234	6.415	0.066
<b>Urban</b>	30,374,355	0.0316	0.867	0.0089	0.991	27.200	0.279
<b>Suburban</b>	20,454,108	0.0314	0.890	0.0090	0.663	18.802	0.190
<b>Rural</b>	4,453,204	0.0314	0.942	0.0090	0.144	4.333	0.041
<b>Total</b>	63,219,394				2.059	57.461	0.583
		<b>Mobile6.2 Emission factors (g/mi)</b>			<b>Emission Inventories (ton/day)</b>		
<b>2015</b>	<b>VMT</b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>
<b>CBD</b>	705,967	0.0339	0.841	0.0088	0.025	0.613	0.006
<b>Fringe</b>	7,411,484	0.0295	0.721	0.0088	0.226	5.519	0.067
<b>Urban</b>	31,328,989	0.0298	0.725	0.0089	0.964	23.460	0.288
<b>Suburban</b>	21,456,068	0.0296	0.743	0.0090	0.656	16.466	0.199
<b>Rural</b>	4,819,603	0.0296	0.785	0.0090	0.147	3.908	0.045
<b>Total</b>	65,722,110				2.018	49.965	0.606
		<b>Mobile6.2 Emission factors (g/mi)</b>			<b>Emission Inventories (ton/day)</b>		
<b>2020</b>	<b>VMT</b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>
<b>CBD</b>	738,263	0.0286	0.609	0.0087	0.022	0.464	0.007
<b>Fringe</b>	8,414,824	0.0274	0.523	0.0088	0.238	4.546	0.076
<b>Urban</b>	34,065,186	0.0277	0.519	0.0089	0.975	18.261	0.313
<b>Suburban</b>	22,606,328	0.0276	0.533	0.0090	0.644	12.445	0.210
<b>Rural</b>	5,660,242	0.0277	0.553	0.0090	0.162	3.233	0.053
<b>Total</b>	71,484,844				2.041	38.948	0.659
		<b>Mobile6.2 Emission factors (g/mi)</b>			<b>Emission Inventories (ton/day)</b>		
<b>2022</b>	<b>VMT</b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>
<b>CBD</b>	764,329	0.0282	0.5642	0.0088	0.0222	0.4436	0.0069
<b>Fringe</b>	9,280,957	0.0272	0.4922	0.0088	0.2605	4.6768	0.0848
<b>Urban</b>	34,973,822	0.0275	0.4878	0.0089	0.9916	17.5767	0.3230
<b>Suburban</b>	22,865,817	0.0274	0.5018	0.0090	0.6461	11.8384	0.2135
<b>Rural</b>	5,718,109	0.0275	0.5178	0.0090	0.1622	3.0549	0.0534
<b>Total</b>	73,603,033				2.083	37.590	0.682
		<b>Mobile6.2 Emission factors (g/mi)</b>			<b>Emission Inventories (ton/day)</b>		
<b>2025</b>	<b>VMT</b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>	<b>PM<sub>10</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>
<b>CBD</b>	803,427	0.0276	0.497	0.0089	0.023	0.412	0.007
<b>Fringe</b>	10,580,156	0.0269	0.446	0.0089	0.294	4.874	0.097
<b>Urban</b>	36,336,776	0.0271	0.441	0.0090	1.017	16.551	0.338
<b>Suburban</b>	23,255,051	0.0270	0.455	0.0091	0.649	10.929	0.219
<b>Rural</b>	5,804,909	0.0271	0.465	0.0091	0.162	2.788	0.055
<b>Total</b>	76,780,318				2.145	35.554	0.716

### 3.4.3 Road Dust and Sanding Emission Inventories

The methodology for calculation of road dust and emissions related to sanding activities remains unchanged from the PM<sub>10</sub> Redesignation Request technical analyses. These factors were derived from a local sanding and road dust study conducted in the

Denver metro area in 1989. As per these previous inventory efforts, the annual averaged sanding emission factor is .0896 g/mile. The wintertime sanding emissions are increased by a factor of 1.76. As with the gaseous components of this inventory, the sanding and road dust emissions are decreased by a factor of .937. This ‘seasonal’ adjustment is consistent with emission inventory calculations in the PM<sub>10</sub> SIP.

Since the road dust factors include tailpipe emissions (an artifact of the collection method), the tailpipe PM<sub>10</sub> emissions from 1989 were subtracted from the road dust emissions rates. The following table summarizes road dust and 1989 tailpipe PM<sub>10</sub> emissions factors as a function of road class and area type, respectively.

Table 3.4-2 Road Dust and Reentrained Emissions Factors

Facility Type	Road Dust (g/mi)	Sanding	Area Type	1989 PM <sub>10</sub> Factor (g/mi)
Freeway	0.6400	.0896	CBD	0.1512
Major Regional	0.6400	.0896	Fringe	0.1270
Major Arterial	0.9200	.0896	Urban	0.1354
Minor Arterial	1.8100	.0896	Suburban	0.1339
Collector	1.8050	.0896	Rural	0.1368
Ramp	0.7800	.0896		
Local	1.8000	NA*		

\*Sanding generally does not occur on ‘local’ road types.

In order to characterize the 2001 road dust and sanding emissions as accurately as possible, they were calculated using 2001 sanding and sweeping practices as reported by the municipalities in the Denver metro area. The SIP level controls were used to estimate the future year road dust and sanding related PM<sub>10</sub> emissions inventories. The Arc Macro Language (AML) script used to calculate and subsequently spatially allocate these emissions is included in the Appendix B. Table 3.4-3 shows the geographical areas and the SIP control levels.

Table 3.4-3 SIP Road Dust and Sanding Emissions reductions.

Area	Geographical description of Area	Road Dust and Sanding Emissions Reduction*
<b>1</b>	Area Wide	30%
<b>2</b>	Denver Central Business District	78%
<b>3</b>	Area bounded by Louisiana Ave, Federal Blvd., 38 <sup>th</sup> Avenue and Downing Ave.	50%
<b>4</b>	I-25 between 6 <sup>th</sup> Avenue and University Blvd.	54%
<b>5</b>	Foothills areas as defined in Regulation 16	20%

\*Agencies are required to meet the specified level of emission reduction by a combination of reduced sand application and sweeping.

The 2001 through 2025 uncontrolled and controlled sanding and road dust emissions are as follows:

<b>2001</b>		<b>Uncontrolled</b>			<b>Controlled</b>		
<b>Area</b>	<b>VMT</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>
<b>1</b>	44,249,806	6.712	39.610	48.955	4.003	23.139	27.142
<b>2</b>	231,829	0.036	0.332	0.387	0.010	0.093	0.103
<b>3</b>	1,231,728	0.197	0.843	1.114	0.097	0.436	0.532
<b>4</b>	3,017,945	0.476	2.689	3.352	0.231	1.321	1.552
<b>5</b>	1,051,813	0.160	1.018	1.240	0.107	0.695	0.802
<b>Total</b>	49,783,121	7.582	44.491	55.047	4.448	25.684	30.132

<b>2009</b>		<b>Uncontrolled</b>			<b>Controlled</b>		
<b>Area</b>	<b>VMT</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>
<b>1</b>	52,280,538	7.957	44.249	54.216	5.462	30.630	36.092
<b>2</b>	248,637	0.039	0.357	0.408	0.011	0.100	0.111
<b>3</b>	1,307,972	0.210	0.838	1.098	0.107	0.457	0.564
<b>4</b>	3,097,602	0.489	2.733	3.344	0.244	1.366	1.611
<b>5</b>	1,279,212	0.193	1.120	1.362	0.155	0.896	1.051
<b>Total</b>	58,213,960	8.888	49.296	60.429	5.979	33.449	39.428

<b>2010</b>		<b>Uncontrolled</b>			<b>Controlled</b>		
<b>Area</b>	<b>VMT</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>
<b>1</b>	53,446,416	8.132	45.238	55.304	5.583	31.315	36.898
<b>2</b>	251,637	0.039	0.361	0.412	0.011	0.101	0.112
<b>3</b>	1,323,396	0.213	0.848	1.108	0.108	0.462	0.570
<b>4</b>	3,127,965	0.494	2.759	3.369	0.247	1.380	1.626
<b>5</b>	1,314,060	0.198	1.148	1.394	0.159	0.918	1.077
<b>Total</b>	59,463,473	9.076	50.354	61.586	6.108	34.177	40.284

<b>2015</b>		<b>Uncontrolled</b>			<b>Controlled</b>		
<b>Area</b>	<b>VMT</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>
<b>1</b>	59,275,808	9.011	50.183	61.012	6.187	34.741	40.928
<b>2</b>	266,641	0.042	0.382	0.433	0.012	0.107	0.119
<b>3</b>	1,400,513	0.225	0.897	1.165	0.114	0.489	0.603

<b>4</b>	3,279,778	0.517	2.892	3.512	0.259	1.446	1.705
<b>5</b>	1,499,371	0.226	1.306	1.577	0.181	1.044	1.225
<b>Total</b>	65,722,110	10.021	55.660	67.700	6.753	37.828	44.580
<b>2020</b>							
<b>Area</b>	<b>VMT</b>	<b>Uncontrolled</b>			<b>Controlled</b>		
		<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>
<b>1</b>	64,687,855	9.829	54.873	66.550	6.751	37.998	44.749
<b>2</b>	278,183	0.043	0.399	0.450	0.012	0.112	0.124
<b>3</b>	278,183	0.229	0.918	1.188	0.116	0.501	0.617
<b>4</b>	3,389,514	0.535	2.997	3.628	0.267	1.498	1.766
<b>5</b>	1,707,535	0.257	1.488	1.794	0.206	1.190	1.396
<b>Total</b>	71,487,491	10.893	60.674	73.610	7.353	41.299	48.652
<b>2022</b>							
<b>Area</b>	<b>VMT</b>	<b>Uncontrolled</b>			<b>Controlled</b>		
		<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>
<b>1</b>	66,633,592	10.126	56.420	66.546	6.954	39.064	46.019
<b>2</b>	285,002	0.044	0.408	0.453	0.012	0.114	0.127
<b>3</b>	1,443,296	0.232	0.933	1.165	0.118	0.510	0.628
<b>4</b>	3,448,069	0.543	3.054	3.597	0.272	1.527	1.799
<b>5</b>	1,794,663	0.271	1.563	1.834	0.217	1.250	1.467
<b>Total</b>	73,604,622	11.217	62.378	73.595	7.573	42.466	50.039
<b>2025</b>							
<b>Area</b>	<b>VMT</b>	<b>Uncontrolled</b>			<b>Controlled</b>		
		<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>	<b>Sand</b>	<b>Road Dust</b>	<b>Total</b>
<b>1</b>	69,552,198	10.572	58.739	69.312	7.259	40.664	47.923
<b>2</b>	2955,230	0.046	0.423	.0469	0.013	0.118	0.131
<b>3</b>	1,471,633	0.236	0.956	1.192	0.120	0.524	0.644
<b>4</b>	3,535,901	0.557	3.140	3.697	0.278	1.570	1.848
<b>5</b>	1,925,356	0.291	1.675	1.966	0.233	1.340	1.573
<b>Total</b>	76,803,318	11.703	64.933	76.636	7.904	44.216	52.120

### 3.5 Major Stationary Point Sources

Point source modeling procedure and inventory development differ for major and minor stationary sources of PM<sub>10</sub>, NO<sub>x</sub>, and SO<sub>2</sub>.

A major stationary source is a stationary source that emits, or has the potential to emit, 100 tons per year (tpy) or more of any pollutant regulated under the Federal Act for which the area is nonattainment. A stationary source that emits, or has the potential to emit, 100 tpy of a precursor of the pollutant for which the area is nonattainment is considered a major stationary source (NO<sub>x</sub> and SO<sub>2</sub> are considered precursors for PM<sub>10</sub> in the Denver Metro PM<sub>10</sub> nonattainment area).

This point source emission inventory of major stationary sources is used for modeling 2009, 2010, 2015, 2020, and 2022 maintenance years. The point source emission inventory for the new base year, 2001, is based on actual activity data.

#### 3.5.1 Development of Major Source PM<sub>10</sub> Emission Inventory

Major PM<sub>10</sub> stationary sources located in the modeling domain are as follows: Colorado Refining Company, Plains End Generating Station I and II, PSCo-Arapahoe Station /Black Hills, PSCo-Cherokee Station, PSCo-Zuni Station, Robinson Brick, Suncor Denver Refinery, and Trigen-Colorado Energy Corporation.

Only large point emission units from the major stationary sources of PM<sub>10</sub> were included in this emission inventory. All other emission units with PM<sub>10</sub> emissions from these sources have been included in the minor point source PM<sub>10</sub> emission inventory that are modeled with RAM as area source emissions.

For demonstrating compliance with a 24-hr averaging period, consistent with EPA's Guideline on Air Quality Models, point sources at major stationary sources are modeled at maximum allowable short-term emissions, which are emission rates based on maximum actual or design capacity, physical and operational design, continuous operation for all hours of averaging period, and any federally enforceable short-term limitations on emissions. To be considered federally enforceable, short-term limitations must be contained in a permit issued under an EPA-approved permit program, an EPA-approved state regulation or plan, or in a federal regulation.

The PM<sub>10</sub> emission inventory reflects maximum allowable daily emissions from short-term limits and/or maximum potential to emit based on emission factor and the rated design capacity of the emission unit. The inventory for this maintenance plan includes both filterable and condensable PM<sub>10</sub> emissions for the major stationary point sources.

##### 3.5.1.1 Filterable PM<sub>10</sub> Emissions

Short-term filterable particulate matter (PM) limits for fuel burning equipment and manufacturing processes are based on limitations in Regulation No. 1.

Filterable PM Emission Limitation for fuel burning equipment, as set in Colorado Regulation No. 1 (Reg. 1) Section III.A, is summarized in Table 3.5-1, (see Appendix E.1). The filterable PM<sub>10</sub> emission rates for the boiler units at the PSCo-Arapahoe Station, PSCo-Cherokee Station, PSCo-Zuni Station, and Trigen Colorado Energy Corporation are determined from this limitation and applying the mass fraction of PM<sub>10</sub> in PM described in the next section.

Filterable PM Emission Limitation for manufacturing processes, as set in Reg. 1 Section III.C, are summarized in Table 3.5-2, (see Appendix E.1). The filterable PM<sub>10</sub> emission rates for the point sources at Robinson Brick are determined from this limitation and applying the mass fraction of PM<sub>10</sub> in PM described in the next section.

**Table 3.5-1. Reg. 1 PM Limitation for Fuel Burning Equipment**

<b>Heat Input Design Capacity (HC) (10<sup>6</sup> BTU/hr)</b>	<b>Allowable PM Emission Limitation (lb/10<sup>6</sup> Btu)</b>
≤ 1	0.5
1 < HC ≤ 500	0.5(HC in 10 <sup>6</sup> BTU/hr) <sup>-0.26</sup>
> 500	0.1

**Table 3.5-2. Reg. 1 PM Limitation for Manufacturing Processes**

<b>Process Weight Rates (P) (ton/hr)</b>	<b>Allowable PM Emission Limitation (lb/hr)</b>
≤ 30 ton/hr	3.59(P in ton/hr) <sup>0.62</sup>
> 30 ton/hr	17.31(P in ton/hr) <sup>0.16</sup>

Filterable PM<sub>10</sub> emissions for the point sources at Colorado Refining Company, Plains End Generating Station I and II and Suncor Denver Refinery and the turbines at PSCo-Arapahoe Station/Black Hills are based on the latest emission factor and the rated design capacity of the emission unit.

### 3.5.1.2 Condensable PM<sub>10</sub> Emissions

Condensable PM<sub>10</sub> emissions were determined for point sources using the latest emission factor and the rated design capacity of the emission unit. If no condensable PM<sub>10</sub> emission factors exist for an equipment type, condensable PM<sub>10</sub> emission are assumed negligible.

### 3.5.1.3 Cumulative Mass Percent of PM emissions less than 10 μm

EPA's Compilation of Air Pollutant Emissions Factors (AP-42) has cumulative particle size distributions for some source types (see Appendix E.2). The mass fraction of PM<sub>10</sub> in PM is used to determine the maximum allowable PM<sub>10</sub> emissions from maximum allowable PM emissions, as limited by Reg. 1. Table 3.5-3 lists the mass fractions and the point sources they were applied to.

**Table 3.5-3. Cumulative Mass % of PM emissions less than 10 µm**

Source Type	Point Source	Cumulative Mass % of PM emissions < 10 µm
Dry Bottom Boilers burning pulverized bituminous and subbituminous coal, w/ baghouse <sup>1</sup>	Arapahoe: Units 3, 4 Cherokee: Units 1, 2, 3, 4	92
Utility Boilers firing residual oil, uncontrolled <sup>2</sup>	Zuni: Units 1A, 1B, 2	71
Rotary Dryer <sup>3</sup>	Robinson Brick: S001	24
Tunnel Dryers/Kilns <sup>4</sup>	Robinson Brick: S004, S005	76
Rotary Calciner <sup>3</sup>	Robinson Brick: S006	34

<sup>1</sup>AP-42, Table 1.1-6 (9/98).

<sup>2</sup>AP-42, Table 1.3-4 (9/98).

<sup>3</sup>AP-42, Table 11.25-8 (1/95).

<sup>4</sup>AP-42, Table 11.3-1 (8/97).

3.5.1.4 Major Source PM<sub>10</sub> Emission Inventory

Table 3.5-4 through Table 3.5-11 summarizes the major stationary sources PM<sub>10</sub> emission inventory (see Appendix E for emissions calculations).

**Table 3.5-4. Colorado Refining Company PM<sub>10</sub> Point Source Emissions**

Colorado Refining Company		
Point	PM <sub>10</sub> Emission Rate (lb/hr)	PM <sub>10</sub> Emission Rate (g/s)
Crude Heater	2.16	0.27
Vacuum Heater	0.31	0.04
FCCU PreHeater	0.84	0.11
FCCU Regenerator	37.78	4.76
Heaters 1, 2 and 3	2.27	0.29
SRU and TGU	0.14	0.02
(3) Boilers	3.18	0.40
Truck UnLoading Rack Flare	Negl.	Negl.
Main Flare <sup>4</sup>	Negl.	Negl.
Railcar and Truck Loading Flare	Negl.	Negl.
Black Oil Heater	0.04	0.01
Total	47	5.89

**Table 3.5-5. Plains End Generating Station I and II PM<sub>10</sub> Point Source Emissions**

<b>Plains End Generating Station I and II</b>		
<b>Point</b>	<b>PM<sub>10</sub> Emission Rate (lb/hr)</b>	<b>PM<sub>10</sub> Emission Rate (g/s)</b>
20 Wartsila 18V34SG engines	34	4.31
14 Wartsila 20V34SG engines	36	4.59
Caterpillar 3406C TA	1	0.10
<b>Total</b>	<b>71</b>	<b>9.00</b>

**Table 3.5-6. PSCo-Arapahoe Station PM<sub>10</sub> Point Source Emissions**

<b>PSCo-Arapahoe Station/Black Hills</b>		
<b>Point</b>	<b>PM<sub>10</sub> Emission Rate (lb/hr)</b>	<b>PM<sub>10</sub> Emission Rate (g/s)</b>
Unit 3	85	10.65
Unit 4	191	24.12
2 Turbines	6	0.76
<b>Total</b>	<b>282</b>	<b>35.53</b>

**Table 3.5-7. PSCo-Cherokee Station PM<sub>10</sub> Point Source Emissions**

<b>PSCo-Cherokee Station</b>		
<b>Point</b>	<b>PM<sub>10</sub> Emission Rate (lb/hr)</b>	<b>PM<sub>10</sub> Emission Rate (g/s)</b>
Unit 1	156	19.64
Unit 2	156	19.64
Unit 3	210	26.49
Unit 4	394	49.67
<b>Total</b>	<b>916</b>	<b>115.45</b>

**Table 3.5-8. PSCo-Zuni Station PM<sub>10</sub> Point Source Emissions**

<b>PSCo-Zuni Station</b>		
<b>Point</b>	<b>PM<sub>10</sub> Emission Rate (lb/hr)</b>	<b>PM<sub>10</sub> Emission Rate (g/s)</b>
Unit 1A	37	4.67
Unit 1B	20	2.51
Unit 2	87	10.97
<b>Total</b>	<b>144</b>	<b>18.15</b>

**Table 3.5-9. Robinson Brick PM<sub>10</sub> Point Source Emissions**

<b>Robinson Brick</b>		
<b>Point</b>	<b>PM<sub>10</sub> Emission Rate (lb/hr)</b>	<b>PM<sub>10</sub> Emission Rate (g/s)</b>
Rotary Dryer	7	0.94
2 Tunnel Dryers/Kilns	42	5.25
Rotary Calciner	5	0.66
<b>Total</b>	<b>54</b>	<b>6.86</b>

**Table 3.5-10. Suncor Denver Refinery PM<sub>10</sub> Point Source Emissions**

<b>Suncor Denver Refinery</b>		
<b>Point</b>	<b>PM<sub>10</sub> Emission Rate (lb/hr)</b>	<b>PM<sub>10</sub> Emission Rate (g/s)</b>
Tank 20/21 Flare	Neg	Neg
Vacuum Heater H6	0.11	0.01
Reformer Heater H8	0.12	0.02
Reformer Heater H10	0.25	0.03
Vacuum Tower Heater H11	0.22	0.03
Reformer Heater H12	0.22	0.03
Asphalt Heater H13	0.05	0.01
Asphalt Heater H16	0.04	0.01
Asphalt Heater H17	0.18	0.02
Asphalt Heater H18	0.04	0.01
DOHDS Heater H19	0.18	0.02
NDS Heater H20	0.1	0.01
FCC Heater H22	0.44	0.06
Crude Preheater H27	0.56	0.07
Reformer Heaters H28, 29, 30	0.65	0.08
GOHDS Heater H31, Fractionator Heater H32	0.45	0.06
Asphalt Unit Heater H33, Asphalt Unit Heater H37	0.48	0.06
Boiler B4	0.96	0.12
Boiler B6	0.82	0.10
Boiler B8	1.19	0.15
New Sulfur Recovery Unit and TGU	0.11	0.01
FCC Regenerator and Catalyst Handling	40.32	5.08
Rail Loading Rack Flare	Neg	Neg
Truck Loading Rack Flare	Neg	Neg
Main Plant Flare	Neg	Neg
Asphalt Plant Flare	Neg	Neg
Methane Reformer Heater H2101	0.40	0.05
#4 HDS Heaters 1701 & 1750	0.67	0.08
<b>Total</b>	<b>49</b>	<b>6.12</b>

**Table 3.5-11. Trigen-Colorado Energy Corporation PM<sub>10</sub> Point Source Emissions**

<b>Trigen-Colorado Energy Corporation</b>		
<b>Point</b>	<b>PM<sub>10</sub> Emission Rate (lb/hr)</b>	<b>PM<sub>10</sub> Emission Rate (g/s)</b>
Boiler 1	35	4.36
Boiler 2	35	4.36
Boiler 3	37	4.60
Boiler 4	41	5.22
Boiler 5	75	9.42
Total	222	27.96

### 3.5.2 Development of Major Source Secondary PM<sub>10</sub> Emission Inventory

The major source secondary PM<sub>10</sub> emission inventory is composed of maximum allowable emissions and anticipated actual emissions. Per the attainment SIP modeling protocol, major stationary sources of NO<sub>x</sub> and SO<sub>2</sub> are treated as background (excluded) sources, where anticipated actual emissions are used, if two criteria are met:

- (1) The difference between modeling at anticipated actual versus maximum allowable emission rates for any excluded source must be less than a de minimis level of 1 µg/m<sup>3</sup> secondary PM<sub>10</sub> (using the secondary particulate roll-forward model described in Section 0, and;
- (2) The cumulative difference for all excluded sources must be no more than 2 µg/m<sup>3</sup>.

The major sources that do not meet these criteria are represented in the secondary PM<sub>10</sub> emission inventory with their maximum allowable emissions of NO<sub>x</sub> and SO<sub>2</sub>. Only large point emission units from the major stationary sources of secondary PM<sub>10</sub> were included in this emission inventory. All other emission units with NO<sub>x</sub> and SO<sub>2</sub> emissions from these sources have been included in the minor point source “anticipated actual” emission inventory.

The criteria above were evaluated using anticipated actual daily 2009 SIP emissions and daily maximum allowable emission rates for the 2009 maintenance year (see Table 3.5-12) for the major NO<sub>x</sub> and SO<sub>2</sub> stationary sources located in the modeling domain. Though not in the modeling domain, PSCo-Valmont Station /Black Hills is included because of the attainment SIP modeling protocol requirement to account for their secondary PM<sub>10</sub> emissions.

Table 3.5-12. Evaluation for Modeling Secondary PM<sub>10</sub> Sources at Actual Emissions

Secondary PM <sub>10</sub> Source Modeled at Maximum Allowable in Future Years	Max Allow (tpd)									
	NO <sub>x</sub>	SO <sub>2</sub>								
Buckley AFB	14.3	2.9								
PSCo Arapahoe Station/Black Hills	35.0	28.0								
PSCo Cherokee Station	58.9	95.0								
PSCo Valmont Station/Black Hills	16.1	24.4								
Rocky Mountain Bottle Co.	1.2	1.0								
Trigen-Colorado Energy Corp.	11.1	19.1								
Excluded Secondary PM <sub>10</sub> Source Modeled at Anticipated Actual in Future Years	2009 Actual* (tpd)		Max Allow (tpd)		NO <sub>x</sub> Evaluation			SO <sub>2</sub> Evaluation		
	NO <sub>x</sub>	SO <sub>2</sub>	NO <sub>x</sub>	SO <sub>2</sub>	Allow minus Actual Emissions (tpd)	Conc. (µg/m <sup>3</sup> )	Difference < 1 µg/m <sup>3</sup> ?	Allow minus Actual Emissions (tpd)	Conc. (µg/m <sup>3</sup> )	Difference < 1 µg/m <sup>3</sup> ?
BP America Production Company - Wattenberg Gas Plant	2.7	minor	2.3	minor	-0.4	0.0	Yes			
Colorado Interstate Gas - Watkins	1.5	minor	2.8	minor	1.2	0.1	Yes			
Colorado Refining Company (Valero)	0.7	1.5	1.4	2.4	0.7	0.1	Yes	0.9	0.1	Yes
EnCana Oil & Gas (USA), Inc - Radar	0.2	minor	0.4	minor	0.2	0.0	Yes			
Kerr-McGee RMC. - Brighton Compressor Station	1.7	minor	0.1	minor	-1.6	0.0	Yes			
Metro Wastewater Reclamation District / Trigen - Metro	0.3	0.3	1.4	0.9	1.1	0.1	Yes	0.6	0.0	Yes
Plains End Generating Station I and II	0.04	minor	0.7	minor	0.7	0.1	Yes			
Public Service Company - Denver Steam Plant	1.1	minor	1.5	minor	0.4	0.0	Yes			
Public Service Company - Zuni Station	1.3	minor	5.7	minor	4.4	0.4	Yes			
Rocky Flats Environmental Technology Site	0.0	0.0	0.0	0.0	0.0	0.0	Yes	0.0	0.0	Yes
Suncor (USA) Inc. - Denver Refinery	2.4	5.9	2.6	3.4	0.2	0.0	Yes	-2.5	0.0	Yes
TXI Operations, LP - Western Aggregates	0.5	0.03	0.9	0.2	0.4	0.0	Yes	0.1	0.0	Yes
Minor point sources	5.3	0.9			NO <sub>x</sub> Subtotal	0.8	Each Conc. Difference < 1 µg/m <sup>3</sup>	SO <sub>2</sub> Subtotal	0.1	Each Conc. Difference < 1 µg/m <sup>3</sup>
<b>Actual Point "Modeled at Max Allowable" Subtotal</b>	136.5	170.4								
<b>Actual Point "Modeled at Actual+Growth" Subtotal</b>	17.8	8.7								
<b>Point Source Subtotal</b>	154.3	179.0								
<b>Area/Non-Road Sources Subtotal</b>	43.3	1.5								
<b>Mobile Source Subtotal</b>	77.9	0.8								
<b>TOTAL Secondary Emissions (tpd)</b>	275.5	181.3								
<b>Multiplier (mg/m3 per tpd)</b>	0.0828	0.0605								
					Total Concentration Difference			0.9		
					Less than 2 µg/m <sup>3</sup> ?			Yes		
					<i>Criteria 2 met</i>					

### 3.5.2.1 Maximum Daily NO<sub>x</sub> and SO<sub>2</sub> Emissions

Maximum daily emissions in Table 3.5-12 reflect short-term limits and/or maximum potential to emit based on emission factor and the rated design capacity of the emission unit. (see Appendix E.3)

As shown in Table 3.5-12, the six sources that are not treated as background secondary PM<sub>10</sub> sources are Buckley Air Force Base, PSCo-Arapahoe Station/Black Hills, PSCo-Cherokee Station, PSCo-Valmont Station/Black Hills, Rocky Mountain Bottle Company, and Trigen-Colorado Energy Corporation. The remainder of this section discusses the basis of the maximum daily emissions for these sources.

The NO<sub>x</sub> and SO<sub>2</sub> limitations applicable to the point sources above are summarized in Table 3.5-13. Limits are in the Operating Permit of the source. For sources subject to multiple limitations, the most restrictive limit is reported. Many of the limitations are based on requirements in Colorado Regulations 1 and 6, New Source Performance Standards, or the attainment SIP.

Reg. 1 contains numerous NO<sub>x</sub> and SO<sub>2</sub> emission limitations that apply to the sources of interest. Section VI provides 3-hr rolling average SO<sub>2</sub> emission limitations for sources constructed or modified prior to August 11, 1977. Trigen-Colorado Energy Corporation Boilers 3, 4, and 5 are subject to Section VI. Section VII provides NO<sub>x</sub> and/or SO<sub>2</sub> emission limitations for select units at electric generating stations owned and operated by PSCo. The NO<sub>x</sub> limitations are 30-day rolling averages. The SO<sub>2</sub> limitations are 3-hr or 30-day rolling averages. Section VII affects PSCo-Valmont Station Unit 5 and all units at PSCo-Arapahoe Station and PSCo-Cherokee Station. The maximum allowable daily emissions for PSCo-Denver Steam, PSCo-Valmont Station, PSCo-Zuni Station, and Trigen-Colorado Energy Corporation reflect the restriction in Reg. 1 Section VIII.A which requires these facilities to use natural gas as the primary fuel in units capable of burning either gas or oil between November 1 and March 1. (Appendix E.1)

Regulation No. 6, Section B.II.D.2.a sets a standard of 0.8 pounds of sulfur dioxide per million Btu of oil heat input for fuel burning equipment with a oil heat input of less than 250 million Btu/hr constructed, reconstructed, or modified after October 27, 1977 (see Appendix E.1). The No. 2 distillate oil-fired equipment classified under the emission unit 107 at Buckley Air Force Base are subject to this limitation.

Federal Regulation 40CFR Part 60 provides New Source Performance Standards. Trigen-Colorado Energy Boilers 4 and 5 are subject to NSPS Subpart D. NSPS Subpart D contains NO<sub>x</sub> limits based on a 3-hr rolling average. (see Appendix E.4)

The attainment SIP, also permit conditions, requires annual reductions of NO<sub>x</sub> and SO<sub>2</sub> for Trigen-Colorado Energy Units 4 and 5 combined. A daily emissions reduction rate was computed by dividing the annual emissions reduction by 365.

**Table 3.5-13. NO<sub>x</sub> and SO<sub>2</sub> Emission Limitations**

Source	Unit	Limit (lb/mmBtu)				Limit (tpy)		Limit (lb/hr)	
		Reg. 1		Reg. 6	NSPS	Attainment SIP		Permit	
		NO <sub>x</sub> <sup>2</sup>	SO <sub>2</sub> <sup>1</sup>	SO <sub>2</sub> <sup>1</sup>	NO <sub>x</sub> <sup>1</sup>	NO <sub>x</sub>	SO <sub>2</sub>	NO <sub>x</sub>	SO <sub>2</sub>
Buckley Air Force Base	107			0.8					
Rocky Mountain Bottle Co	3 furnaces							96.8	82.65
PSCo-Arapahoe Station	3		1.1						
	4	0.6	0.88 <sup>2</sup>						
PSCo-Cherokee Station	1	0.6	0.88 <sup>2</sup>						
	2		1.1						
	3	0.6	1.1						
	4	0.45	0.88 <sup>2</sup>						
Trigen-Colorado Energy Corporation	3		1.8						
	4		1.2		0.7				
	5		1.2		0.7				
	4, 5					225	125		
PSCo-Valmont Station	5	0.45	1.1						

<sup>1</sup>3-hr rolling average unless otherwise noted.

<sup>2</sup>30-day rolling average.

An emission factor, AP-42 or compliance emission factor in the source's Operating Permit, and the rated design capacity of the emission unit were used to determine maximum daily emissions for the pollutants of the following point sources (see Appendix E.2 for AP-42 emission factors):

**Table 3.5-14. Maximum Daily Emissions based on Emission Factors**

Source	Point	Pollutants
Buckley Air Force Base	107	NO <sub>x</sub>
	101, 102, 103, 104, 105	NO <sub>x</sub> , SO <sub>2</sub>
PSCo- Arapahoe Station/Black Hills	Unit 3	NO <sub>x</sub>
	2 turbines	NO <sub>x</sub> , SO <sub>2</sub>
PSCo-Cherokee Station	Unit 2	NO <sub>x</sub>
PSCo-Valmont Station/Black Hills	T001 (gas), 2 turbines	NO <sub>x</sub> , SO <sub>2</sub>
Rocky Mountain Bottle Co	8 bottle making machines	SO <sub>2</sub>
Trigen-Colorado Energy Corporation	Boilers 1 and 2 (gas)	NO <sub>x</sub> , SO <sub>2</sub>
	Boiler 3	NO <sub>x</sub>

### 3.5.2.2 Major Source Secondary PM<sub>10</sub> Emission Inventory

Table 3.5-15 through Table 3.5-20 summarizes the secondary PM<sub>10</sub> emission inventory for the stationary sources (see Appendix E.3 for emissions calculations).

**Table 3.5-15. Buckley Air Force Base NO<sub>x</sub> and SO<sub>2</sub> Point Source Emissions**

<b>Buckley Air Force Base</b>		
<b>Point</b>	<b>NO<sub>x</sub> ER (tpd)</b>	<b>SO<sub>2</sub> ER (tpd)</b>
107	0.1	0.7
101	1.5	0.0
102	0.3	0.1
103	1.5	0.3
104	9.6	1.6
105	1.2	0.2
Total	14.3	2.9

**Table 3.5-16. PSCo-Arapahoe Station NO<sub>x</sub> and SO<sub>2</sub> Point Source Emissions**

<b>PSCo-Arapahoe Station/Black Hills</b>		
<b>Point</b>	<b>NO<sub>x</sub> ER (tpd)</b>	<b>SO<sub>2</sub> ER (tpd)</b>
Unit 3	9.0	10.0
Unit 4	12.3	18.1
2 turbines	13.8	0.0
Total	35.0	28.0

**Table 3.5-17. PSCo-Cherokee Station NO<sub>x</sub> and SO<sub>2</sub> Point Source Emissions**

<b>PSCo-Cherokee Station</b>		
<b>Point</b>	<b>NO<sub>x</sub> ER (tpd)</b>	<b>SO<sub>2</sub> ER (tpd)</b>
Unit 1	10.0	14.7
Unit 2	16.3	18.4
Unit 3	13.5	24.8
Unit 4	19.0	37.2
Total	58.9	95.0

**Table 3.5-18. PSCo-Valmont Station NO<sub>x</sub> and SO<sub>2</sub> Point Source Emissions**

<b>PSCo-Valmont Station/Black Hills</b>		
<b>Point</b>	<b>NO<sub>x</sub> ER (tpd)</b>	<b>SO<sub>2</sub> ER (tpd)</b>
B001	10.0	24.4
T001 (gas)	2.2	0.0
2 turbines	3.9	0.0
Total	16.1	24.4

**Table 3.5-19. Rocky Mountain Bottle Company NO<sub>x</sub> and SO<sub>2</sub> Point Source Emissions**

Rocky Mountain Bottle Company		
Point	NO <sub>x</sub> ER (tpd)	SO <sub>2</sub> ER (tpd)
Furnace 1, 2, 3	1.2	1.0
8 Bottle Making Machines	0.0	0.0
Total	1.2	1.0

**Table 3.5-20. Trigen-Colorado Energy Corp. NO<sub>x</sub> and SO<sub>2</sub> Point Source Emissions**

Trigen-Colorado Energy Corp.		
Point	NO <sub>x</sub> ER (tpd)	SO <sub>2</sub> ER (tpd)
Boiler 1 (gas)	0.9	0.0
Boiler 2 (gas)	0.9	0.0
Boiler 3	1.3	4.9
Boiler 4	3.0	5.2
Boiler 5	5.5	9.4
SIP Reduction	-0.6	-0.3
Total	11.1	19.1

### 3.6 Area, Non-road and Point Source Emission Inventories

Area Source Emissions for 2001 were based on The February 2005 Version of the 2002 EPA National Emissions Inventory (NEI) and were apportioned to the Denver PM10 Grid by households using the Denver Regional Council of Governments (DRCOG) Land Use and Transportation Plan (LUTP) demographic data. The LUTP and census data were used to adjust emissions for growth. Daily Residential and Commercial Heating Emissions were obtained from annual emissions by multiplying by the ratio of heating degree days in the high PM10 season (November, December and January) to the entire year (0.517161, based on National Weather Service data for Denver for 1948 to 2004 with a base of 60 degrees F) and dividing by 92 (the number of days in the season). Daily Emissions for Other area sources (Commercial Cooking, Structural Fires) were obtained by dividing annual emissions by 365. Projections to other years were based on population and employment projections from the land use and transportation plan. Area source related construction emissions are assumed to include all sources of construction related emissions (primary PM10/soil disturbance related). This is the same as the assumptions for area source constructions in the technical analysis for the initial Denver PM10 SIP plan as well as the Redesignation request technical analysis.

The Non-Road emissions were based on the EPA Non-road model. Non-road Emissions were apportioned to the Denver PM10 Grid by households using the DRCOG demographic data. The railroad and agriculture Non-road Emissions are an exception to this apportionment methodology. Railroad related Non-road Emissions were apportioned to the attainment area by the miles of track. Agricultural Non-road Emissions were apportioned to the Denver PM10 Grid by land area, and airports were apportioned according to airport location. For Commercial Equipment, Emissions were calculated for 2001 using the Non-road Model, but were grown to future years using the growth in Production and Distribution Employment from the DRCOG LUPT. The following equipment categories were excluded from the Lawn and Garden categories in Computing the winter emissions:

Commercial Turf Equipment, Front Mowers, Lawn & Garden Tractors, Lawn mowers, Other Lawn & Garden Eq., Rear Engine Riding Mowers, Rotary Tillers < 6 HP, Trimmers/Edgers/Brush Cutter. The following lawn and garden equipment winter emissions were included: Chippers/Stump Grinders, Chain Saws < 6 HP, Leafblowers/Vacuums, Shredders < 6 HP, Snowblowers.

The City and County of Denver provided emissions for Denver International Airport (DIA) for the base and future years. Table 3.6-1 shows the DIA emissions inventory estimates. These inventory totals are incorporated into the totals for source Airports, construction, structural fires, unpaved roads and points in Table 3.1-1 and 3.1-2. DIA serves as a regional firefighting training site, and the Division has included the airports firefighting training emissions under the structural fire category.

**Table 3.6.1 Denver International Airport PM10, NOx and SO2 Emissions Inventories**

PM<sub>10</sub> Emissions Summary – Denver International Airport

Inventory Sub-Category	PM <sub>10</sub> (tons/year)							
	2001	2009	2010	2013	2015	2020	2025	2030
<b>Operational Emissions</b>								
Aircraft <sup>1/</sup>	166.69	212.06	217.66	233.65	244.05	268.68	291.95	319.00
Airport Equipment <sup>2/</sup>	27.54	31.18	34.16	32.41	45.23	53.31	58.06	63.34
Firefighting Training	1.47	2.90	3.16	4.10	4.10	4.10	4.10	4.10
Minor Point Sources	7.92	8.83	9.16	10.00	10.50	11.99	13.50	15.09
Unpaved Roads	7.35	7.35	7.35	7.35	7.35	7.35	7.35	7.35
<b>Construction Emissions</b>								
Construction	97.99	97.99	97.99	97.99	97.99	97.99	97.99	97.99
Construction Equipment	32.66	16.08	15.02	9.68	6.59	2.31	0.97	0.29
<b>Total</b>	<b>341.62</b>	<b>376.39</b>	<b>384.5</b>	<b>395.18</b>	<b>415.81</b>	<b>445.73</b>	<b>473.92</b>	<b>507.16</b>
Inventory Sub-Category	PM <sub>10</sub> (tons/day) <sup>3/</sup>							
	2001	2009	2010	2013	2015	2020	2025	2030
<b>Operational Emissions</b>								
Aircraft <sup>1/</sup>	0.4567	0.5810	0.5963	0.6401	0.6686	0.7361	0.7999	0.8740
Airport Equipment <sup>2/</sup>	0.0755	0.0854	0.0936	0.0888	0.1239	0.1461	0.1591	0.1735
Firefighting Training	0.0040	0.0079	0.0087	0.0112	0.0112	0.0112	0.0112	0.0112
Minor Point Sources	0.0217	0.0242	0.0251	0.0274	0.0288	0.0328	0.0370	0.0413
Unpaved Roads	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
<b>Construction Emissions</b>								
Construction	0.2685	0.2685	0.2685	0.2685	0.2685	0.2685	0.2685	0.2685
Construction Equipment	0.0895	0.0441	0.0412	0.0265	0.0181	0.0063	0.0027	0.0008
<b>Total</b>	<b>0.9359</b>	<b>1.0312</b>	<b>1.0534</b>	<b>1.0827</b>	<b>1.1392</b>	<b>1.2212</b>	<b>1.2984</b>	<b>1.3895</b>

Notes:

1/ The "Aircraft" source category includes emissions produced by aircraft operations and auxiliary power units.

- 2/ "Airport equipment" includes emissions produced by ground support equipment and city support equipment. .  
 3/ Tons per day were calculated by dividing the tons per year data by 365 days per year.  
 n.a. = not applicable

Oxides of Nitrogen Emissions Summary – Denver International Airport

Inventory Sub-Category	NO <sub>x</sub> (tons/year)							
	2001	2009	2010	2013	2015	2020	2025	2030
<b>Operational Emissions</b>								
Aircraft <sup>1/</sup>	2,322.43	2,899.20	2,979.45	3,220.81	3,379.03	3,760.35	4,129.90	4,512.77
Airport Equipment <sup>2/</sup>	771.23	637.36	732.76	599.75	528.84	504.55	530.20	569.00
Firefighting Training	0.08	0.16	0.17	0.22	0.22	0.22	0.22	0.22
Minor Point Sources	41.00	52.94	54.52	59.08	61.72	69.99	78.10	86.03
Unpaved Roads	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Construction Emissions</b>								
Construction	62.25	62.25	62.25	62.25	62.25	62.25	62.25	62.25
Construction Equipment	349.27	192.14	177.23	129.48	98.63	51.17	32.27	24.65
<b>Total</b>	3,546.26	3,844.05	4,006.38	4,071.59	4,130.69	4,448.53	4,832.94	5,254.92

Inventory Sub-Category	NO <sub>x</sub> (tons/day) <sup>3/</sup>							
	2001	2009	2010	2013	2015	2020	2025	2030
<b>Operational Emissions</b>								
Aircraft <sup>1/</sup>	6.3628	7.9430	8.1629	8.8241	9.2576	10.3023	11.3148	12.3638
Airport Equipment <sup>2/</sup>	2.1130	1.7462	2.0076	1.6432	1.4489	1.3823	1.4526	1.5589
Firefighting Training	0.0002	0.0004	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006
Minor Point Sources	0.1123	0.1450	0.1494	0.1619	0.1691	0.1918	0.2140	0.2357
Unpaved Roads	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Construction Emissions</b>								
Construction	0.1705	0.1705	0.1705	0.1705	0.1705	0.1705	0.1705	0.1705
Construction Equipment	0.9569	0.5264	0.4856	0.3547	0.2702	0.1402	0.0884	0.0675
<b>Total</b>	9.7158	10.5316	10.9764	11.1550	11.3170	12.1878	13.2409	14.3970

Notes:

- 1/ The "Aircraft" source category includes emissions produced by aircraft operations and auxiliary power units.  
 2/ "Airport equipment" includes emissions produced by ground support equipment and city support equipment.  
 3/ Tons per day were calculated by dividing the tons per year data by 365 days per year.  
 n.a. = not applicable

Oxides of Sulfur Emissions (SO<sub>x</sub>) Summary – Denver International Airport

Inventory Sub-Category	SO <sub>x</sub> (tons/year)							
	2001	2009	2010	2013	2015	2020	2025	2030
<b>Operational Emissions</b>								
Aircraft <sup>1/</sup>	216.05	275.54	283.13	305.69	320.47	355.97	390.20	426.36
Airport Equipment <sup>2/</sup>	48.09	52.70	67.15	58.50	55.08	59.77	65.50	71.49

Firefighting Training	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minor Point Sources	1.17	1.31	1.34	1.43	1.49	1.64	1.81	1.95
Unpaved Roads	n.a.							
<b>Construction Emissions</b>								
Construction	32.06	32.06	32.06	32.06	32.06	32.06	32.06	32.06
Construction Equipment	35.75	20.81	20.36	20.12	0.57	0.52	0.47	0.44
<b>Total</b>	<b>333.12</b>	<b>382.42</b>	<b>404.04</b>	<b>417.80</b>	<b>409.67</b>	<b>449.96</b>	<b>490.04</b>	<b>532.30</b>

Inventory Sub-Category	SO <sub>x</sub> (tons/day) <sup>3/</sup>							
	2001	2009	2010	2013	2015	2020	2025	2030
<b>Operational Emissions</b>								
Aircraft <sup>1/</sup>	0.5919	0.7549	0.7757	0.8375	0.8780	0.9753	1.0690	1.1681
Airport Equipment <sup>2/</sup>	0.1318	0.1444	0.1840	0.1603	0.1509	0.1638	0.1795	0.1959
Firefighting Training	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Minor Point Sources	0.0032	0.0036	0.0037	0.0039	0.0041	0.0045	0.0050	0.0053
Unpaved Roads	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Construction Emissions</b>								
Construction	0.0878	0.0878	0.0878	0.0878	0.0878	0.0878	0.0878	0.0878
Construction Equipment	0.0979	0.0570	0.0558	0.0551	0.0016	0.0014	0.0013	0.0012
<b>Total</b>	<b>0.9127</b>	<b>1.0477</b>	<b>1.1070</b>	<b>1.1447</b>	<b>1.1224</b>	<b>1.2328</b>	<b>1.3426</b>	<b>1.4584</b>

Notes:

1/ The "Aircraft" source category includes emissions produced by aircraft operations and auxiliary power units.

2/ "Airport equipment" includes emissions produced by ground support equipment and city support equipment.

3/ Tons per day were calculated by dividing the tons per year data by 365 days per year.

n.a. = not applicable

The Division estimated airport emissions for all other metropolitan airports separately.

Railroad Locomotive Emissions for 2001 were based on The February 2005 Version of the 2002 EPA National Emissions Inventory (NEI) and were apportioned to the nonattainment area by miles of track. Projections from 2002 to 2001 and to future years were based on the change in population.

Wood burning emissions for 2001 and future years were developed by calculating per-household wood burning rates from the 2002 Wood Burning Survey, and multiplying by the appropriate AP-42 emission factors. The number of households for each year was taken from the DRCOG LUTP. Daily emissions were obtained from annual emissions by multiplying by the ratio of heating degree days in the high PM10 season (November, December and January) to the entire year (0.517161, based on National Weather Service data for Denver for 1948 to 2004 with a base of 60 degrees F) and dividing by 92 (the number of days in the season).

2001 Point Source Emissions were taken from the Colorado Air Inventory System, which is based on the stationary source permit data. Minor Point Source Emissions were grown to future years using

the EPA's Economic Growth and Analysis System (EGAS) model. Major Point Sources were modeled for future years at their potential to emit. Minor Sources also include all emission points from the Major Point sources that were not part of the ISC modeling.

Denver Regional Council of Governments (DRCOG) Land Use and Transportation Plan (LUTP) demographic data:

PM Grids

YEAR	2001	2008	2013	2015	2020	2025	2030
Population	2,034,862	2,232,122	2,375,127	2,432,328	2,612,348	2,792,368	2,972,388
Households	812,274	905,968	968,943	994,133	1,074,707	1,155,281	1,235,854
Employment	1,171,958	1,216,402	1,372,200	1,434,519	1,533,222	1,631,925	1,730,628

3.6.1 Non-road Model Input File For 2001

The "Non-road Model Input File for 2001 " was produced automatically by the NonRoad Model. There is no High Altitude Option available for the Model. The inputs to the model that are reflected in this file are those within the /NAME/.../END/ delimiters such as:

```

/OPTIONS/
Title 1      : DENVER PM SIP REVISION
Title 2      : 2001
Fuel RVP for gas : 12.5
Oxygen Weight % : 3.4
Gas sulfur %    : 0.02544
Diesel sulfur % : 0.0500
CNG/LPG sulfur % : 0.003
Minimum temper. (F): 35
Maximum temper. (F): 35
Average temper. (F): 35
Altitude of region : LOW
/END/

```

Written by Nonroad interface at 12/28/2004 8:47:16 AM  
This is the options file for the NONROAD program.  
The data is separated into "packets" bases on common information. Each packet is specified by an identifier and a terminator. Any notes or descriptions can be placed between the data packets.

10/8/1999 changed default RVP from 9.0 to 8.0

-----  
PERIOD PACKET

This is the packet that defines the period for which emissions are to be estimated. The order of the records matter. The selection of certain parameters will cause some of the record that follow to be ignored. The order of the records is as follows:

- 1 - Char 10 - Period type for this simulation.  
Valid responses are: ANNUAL, SEASONAL, and MONTHLY

- 2 - Char 10 - Type of inventory produced.  
Valid responses are: TYPICAL DAY and PERIOD TOTAL
- 3 - Integer - year of episode (4 digit year)
- 4 - Char 10 - Month of episode (use complete name of month)
- 5 - Char 10 - Type of day  
Valid responses are: WEEKDAY and WEEKEND

-----  
/PERIOD/  
Period type : Seasonal  
Summation type : Typical day  
Year of episode : 2001  
Season of year : Winter  
Month of year :  
Weekday or weekend : Weekday  
/END/  
-----

#### OPTIONS PACKET

This is the packet that defines some of the user options that drive the model. Most parameters are used to make episode specific emission factor adjustments. The order of the records is fixed. The order is as follows.

- 1 - Char 80 - First title on reports
- 2 - Char 80 - Second title on reports
- 3 - Real 10 - Fuel RVP of gasoline for this simulation
- 4 - Real 10 - Oxygen weight percent of gasoline for simulation
- 5 - Real 10 - Percent sulfur for gasoline
- 6 - Real 10 - Percent sulfur for diesel
- 7 - Real 10 - Percent sulfur for LPG/CNG
- 8 - Real 10 - Minimum daily temperature (deg. F)
- 9 - Real 10 - maximum daily temperature (deg. F)
- 10 - Real 10 - Representative average daily temperature (deg. F)
- 11 - Char 10 - Flag to determine if region is high altitude  
Valid responses are: HIGH and LOW
- 12 - Char 10 - Flag to determine if RFG adjustments are made  
Valid responses are: YES and NO

-----  
/OPTIONS/  
Title 1 : DENVER PM SIP REVISION  
Title 2 : 2001  
Fuel RVP for gas : 12.5  
Oxygen Weight % : 3.4  
Gas sulfur % : 0.02544  
Diesel sulfur % : 0.0500  
CNG/LPG sulfur % : 0.003  
Minimum temper. (F): 35  
Maximum temper. (F): 35  
Average temper. (F): 35  
Altitude of region : LOW  
/END/  
-----

#### REGION PACKET

This is the packet that defines the region for which emissions are to be estimated.

The first record tells the type of region and allocation to perform.

Valid responses are:

US TOTAL - emissions are for entire USA without state breakout.

50STATE - emissions are for all 50 states and Washington D.C., by state.

STATE - emissions are for a select group of states and are state-level estimates

COUNTY - emissions are for a select group of counties and are county level estimates. If necessary, allocation from state to county will be performed.

SUBCOUNTY - emissions are for the specified sub counties and are subcounty level estimates. If necessary, county to subcounty allocation will be performed.

The remaining records define the regions to be included. The type of data which must be specified depends on the region level.

US TOTAL - Nothing needs to be specified. The FIPS code 00000 is used automatically.

50STATE - Nothing needs to be specified. The FIPS code 00000 is used automatically.

STATE - state FIPS codes

COUNTY - state or county FIPS codes. State FIPS code means include all counties in the state.

SUBCOUNTY - county FIPS code and subregion code.

-----  
/REGION/

Region Level : COUNTY  
Adams County CO : 08001  
Arapahoe County CO : 08005  
Boulder County CO : 08013  
Denver County CO : 08031  
Douglas County CO : 08035  
Jefferson County CO : 08059  
Weld County CO : 08123  
/END/

or use -

Region Level : STATE  
Michigan : 26000  
-----

#### SOURCE CATEGORY PACKET

This packet is used to tell the model which source categories are to be processed. It is optional. If used, only those source categories list will appear in the output data file. If the packet is not found, the model will process all source categories in the population files.

-----  
All Equipment - just put semicolon at start of packet name line  
or use the following SCC list -  
:2260000000  
:2265000000  
:2267000000

:2268000000  
:2270000000  
:2282000000  
:2285000000

Diesel Only -

:2270000000  
:2282020000  
:2285002015

Spark Ignition Only -

:2260000000  
:2265000000  
:2267000000  
:2268000000  
:2282005010  
:2282005015  
:2282010005  
:2285004015  
:2285006015

-----  
This is the packet that lists the names of output files and some of the input data files read by the model. If a drive:\path\ is not given, the location of the NONROAD.EXE file itself is assumed. You will probably want to change the names of the Output and Message files to match that of the OPTion file, e.g., MICH-97.OPT, MICH-97.OUT, MICH-97.MSG, and if used MICH-97.AMS.  
-----

/RUNFILES/  
ALLOC XREF : c:\nonroad\data\allocate\allocate.xrf  
ACTIVITY : c:\nonroad\data\activity\activity.dat  
TECHNOLOGY : c:\nonroad\data\tech\tech.dat  
SEASONALITY : c:\nonroad\data\season\season.dat  
REGIONS : c:\nonroad\data\season\season.dat  
MESSAGE : c:\nonroad\outputs\denpm01s.msg  
OUTPUT DATA : c:\nonroad\outputs\denpm01s.out  
EPS2 AMS :  
/END/

-----  
This is the packet that defines the equipment population files read by the model.  
-----

/POP FILES/  
Population File :c:\nonroad\data\pop\co.pop  
/END/

POPULATION FILE : c:\nonroad\data\POP\MI.POP

-----  
This is the packet that defines the growth files read by the model.  
-----

/GROWTH FILES/  
National defaults :C:\nonroad\data\growth\nation.grw  
/END/

-----  
This is the packet that defines the spatial allocation files read by the model.  
-----

/ALLOC FILES/  
Air Transportation :c:\nonroad\data\allocate\co\_airtr.alo  
Coal mining empl. :c:\nonroad\data\allocate\co\_coal.alo  
Allocation File :c:\nonroad\data\allocate\co\_con.alo

Allocation File :c:\nonroad\data\allocate\co\_conbr.alo  
 Construction empl. :c:\nonroad\data\allocate\co\_const.alo  
 Allocation File :c:\nonroad\data\allocate\co\_farbr.alo  
 Harvested acres :c:\nonroad\data\allocate\co\_farms.alo  
 Allocation File :c:\nonroad\data\allocate\co\_golbr.alo  
 Golf course estab. :c:\nonroad\data\allocate\co\_golf.alo  
 Allocation File :c:\nonroad\data\allocate\co\_holbr.alo  
 Wholesale estab. :c:\nonroad\data\allocate\co\_holsl.alo  
 Allocation File :c:\nonroad\data\allocate\co\_houbr.alo  
 Family housing :c:\nonroad\data\allocate\co\_house.alo  
 Loggin empl. :c:\nonroad\data\allocate\co\_loggn.alo  
 Landscape empl. :c:\nonroad\data\allocate\co\_lscap.alo  
 Allocation File :c:\nonroad\data\allocate\co\_lscbr.alo  
 Allocation File :c:\nonroad\data\allocate\co\_metal.alo  
 Allocation File :c:\nonroad\data\allocate\co\_mnfbr.alo  
 Manufacturing empl.:c:\nonroad\data\allocate\co\_mnfg.alo  
 Oil & Gas employees:c:\nonroad\data\allocate\co\_oil.alo  
 Allocation File :c:\nonroad\data\allocate\co\_oil~1.alo  
 Census population :c:\nonroad\data\allocate\co\_pop.alo  
 Allocation File :c:\nonroad\data\allocate\co\_pop~1.alo  
 RV Park establish. :c:\nonroad\data\allocate\co\_rvprk.alo  
 Snowblowers comm. :c:\nonroad\data\allocate\co\_sbc.alo  
 Allocation File :c:\nonroad\data\allocate\co\_sbcbr.alo  
 Snowblowers res. :c:\nonroad\data\allocate\co\_sbr.alo  
 Allocation File :c:\nonroad\data\allocate\co\_sbrbr.alo  
 Allocation File :c:\nonroad\data\allocate\co\_snmbr.alo  
 Snowmobiles :c:\nonroad\data\allocate\co\_snowm.alo  
 Allocation File :c:\nonroad\data\allocate\co\_water.alo  
 Rec marine inbrd :c:\nonroad\data\allocate\co\_wib.alo  
 Rec marin outbrd :c:\nonroad\data\allocate\co\_wob.alo  
 /END/

-----  
 This is the packet that defines the emissions factors  
 files read by the model.

-----  
 /EMFAC FILES/

THC exhaust : c:\nonroad\data\emsfac\exhthc.emf  
 CO exhaust : c:\nonroad\data\emsfac\exhco.emf  
 NOX exhaust : c:\nonroad\data\emsfac\exhnox.emf  
 PM exhaust : c:\nonroad\data\emsfac\exhpm.emf  
 BSFC : c:\nonroad\data\emsfac\bsfc.emf  
 Crankcase : c:\nonroad\data\emsfac\crank.emf  
 Spillage : c:\nonroad\data\emsfac\spillage.emf  
 Diurnal : c:\nonroad\data\emsfac\diurnal.emf  
 /END/

-----  
 This is the packet that defines the deterioration factors  
 files read by the model.

-----  
 /DETERIORATE FILES/

THC exhaust : c:\nonroad\data\detfac\exhthc.det  
 CO exhaust : c:\nonroad\data\detfac\exhco.det  
 NOX exhaust : c:\nonroad\data\detfac\exhnox.det  
 PM exhaust : c:\nonroad\data\detfac\exhpm.det  
 /END/

Optional Packets - Add initial slash "/" to activate

/STAGE II/

Control Factor : 0

/END/

Enter percent control: 95 = 95% control = 0.05 x uncontrolled  
 Default should be zero control.

MODELYEAR OUT/  
by-model-year out : C:\nonroad\outputs\template.bmy  
/END/

SI REPORT/  
SI report file-CSV :C:\NONROAD\OUTPUTS\NRPOLLUT.CSV  
/END/

## 4.0 Air Quality Modeling Methodology

Model application is consistent with Appendix W of 40 CFR Part 51 - [Guideline on Air Quality Models](#) (*EPA Guideline*) and with EPA Region 8 methods approved in the attainment SIP. EPA guidance and policy requires the same level of modeling for maintenance plans as that which was performed for the attainment demonstration (EPA, 1992). Maintenance of the standard is demonstrated through the use of dispersion models for primary PM<sub>10</sub> and proportional modeling for secondary particulate concentrations. The maintenance demonstration are projected for years 2001, 2009, 2010, 2015, 2020, 2025 and 2025.

### 4.1 Overview of Modeling Process

The 1990 federal Clean Air Act Amendments (CAAA) requires a state implementation plan to demonstrate attainment and maintenance of the PM<sub>10</sub> National Ambient Air Quality Standards (NAAQS) using U. S. EPA approved air quality models. The modeling analysis includes both area-wide analysis and hot spot analyses. An area wide analysis is performed to determine regional PM<sub>10</sub> concentrations. The EPA RAM model was used to estimate area wide concentrations. The Industrial Source Complex Model (ISC3) was used to estimate concentrations and hot spots from major point sources. EPA guidance also suggest that the same level of modeling that was used to demonstrate attainment of the standard should also be used to demonstrate maintenance of the standard.

For this maintenance plan, secondary particulate concentrations were updated based on chemical analysis of PM<sub>2.5</sub> network filters. These monitored secondary concentrations are then proportioned to future years by a total combined NO<sub>x</sub> and SO<sub>2</sub> emission inventory. These projected concentrations are then added onto the area wide (RAM model) and hot spot (ISC3) model results for each receptor and day of simulation.

A primary PM<sub>10</sub> background concentration was also established as part of the base year for the attainment SIP. The methodology that was used to establish this background concentration is presented in Volume XIV of the attainment SIP. The total concentration at each receptor is then the sum of the area-wide analysis (RAM model), hot spot analysis (ISC3), secondary concentration, and the primary PM<sub>10</sub> background concentration.

### 4.2 Model Selection

Volume VII and VIII of the attainment SIP contains the rationale for using the RAM and ISC models for the dispersion modeling analysis of primary PM<sub>10</sub>. Since the attainment analysis for Denver, there have been some changes to both the RAM model and ISC model.

The RAM model is no longer a preferred model in Appendix W of 40 CFR Part 51 - [Guideline on Air Quality Models](#). The State feels that RAM is still the most appropriate model to use for the maintenance analysis because of its historic use for both the attainment SIP, transportation conformity analysis and previous maintenance plan. Also, EPA has not provided

any other guidance or recommendation for modeling PM<sub>10</sub> except in their guidance document, **PM<sub>10</sub> SIP Development Guidelines** (June 1987).

With the improved area source algorithm, it is possible to do an area wide analysis with ISC3 which would be comparable to using RAM. However, given the historic use of RAM for Denver a consistent model analysis between the attainment demonstration and several conformity analysis can be made. In addition, the ISC3 model itself will be replaced by AERMOD as the preferred model for industrial complexes and AERMOD does not have the ability to model a large number of area sources efficiently.

#### 4.3 Secondary Particulate Concentrations Estimates

The secondary particulate concentrations were updated for this maintenance demonstration from the previous attainment/maintenance plans. In the 1989 base year for the Denver PM<sub>10</sub> SIP, a wintertime secondary concentration of 32.9 ug/m<sup>3</sup> was used for the SIP modeling. This concentration was derived from nine high PM<sub>10</sub> concentration filters collected from 1986 through 1993. Given the small database and age of the filter data, EPA (letter dated August 31, 2004) recommended that the State/RAQC look at a more contemporary database of nitrate and sulfate data.

During the time period of January 2001 through June 2004, there have been 308 PM<sub>2.5</sub> samples collected at the WELBY monitoring location. Of the 308 PM<sub>2.5</sub> samples that have been collected, 112 wintertime samples have been speciated. These speciated samples provide an opportunity to update the wintertime secondary particulate concentration.

Routinely, speciation from the PM<sub>2.5</sub> monitoring network occurs every third day. It is assumed that all speciated nitrate and sulfate will be fully converted to ammonium nitrate and ammonium sulfate by using a molecular conversion factor of 1.29 and 1.376, respectively.

In order to select the appropriate level of filter data to determine secondary particulate levels, EPA's document, "PM<sub>10</sub> SIP Development Guideline (EPA-450/1-86-001)" was used as guidance. The PM<sub>10</sub> SIP guidance stipulates that the frequency of exceedances cannot occur more than 1/365 day, which is the current form of the PM<sub>10</sub> NAAQS. If three years of data are available, then there would be 1096 daily samples possible, and, the third or fourth highest concentration can be used to determine if the standard is violated more than the 1/365 frequency. However, for every third day sampling, the highest concentration is used which is equivalent to 365 samples.

The methodology used to determine the secondary particulate concentration used for this maintenance plan mirrors the PM<sub>10</sub> standard. There are three years of winter time secondary data available from the PM<sub>2.5</sub> monitoring network. This means that there were 421 possible days for sampling available during the winter months of November through February from November 2001 through December 2004. If sampling occurred every third day, then 140 sampling days were possible. If perfect data recovery had occurred then it would then be equivalent to one full year of data (i.e. 360 samples) and the highest concentration would be used. The SIP development guideline states that, "if a comprehensive monitoring program provides 1095 24-hour concentration measurements (or 3 full years of data) at a site, the ranks of the lower and upper bounds [of samples] are 4 and 3, respectively. This means that an appropriate design concentration for that site would be between the fourth-highest and third-highest concentration." (Page 6-3).

If perfect data collection had occurred then the highest or second highest sample could have been used. Given that many days in the every third day sampling schedule had no data, the highest secondary particulate concentration was used. The highest secondary concentration from the data base discussed above is 26.95 ug/m<sup>3</sup> (16.64 ug/m<sup>3</sup> ammonium nitrate plus 10.31 ug/m<sup>3</sup> ammonium sulfate) collected on January 24, 2003. This will serve as the “working” baseline (2001) secondary concentration value.

Future secondary particulate concentrations are based on the baseline (2001) secondary concentration ammonium nitrate and ammonium sulfate and the respective change in total NO<sub>x</sub> and total SO<sub>2</sub> emissions from baseline to future years. This follows the same secondary roll-forward methodology used for the attainment and maintenance SIPs. However, in this revision rather than estimating the future total secondary concentration based on the change in NO<sub>x</sub> plus SO<sub>2</sub> emissions as done in the in previous SIPs, the nitrate fraction will be adjusted by the ratio of the change in total NO<sub>x</sub> emissions and the sulfate fraction will be adjusted by the ratio of the change in total SO<sub>2</sub> emissions. The total of the adjusted nitrate and sulfate fractions provide the secondary concentration value for future years. Total future precursor emissions include estimates of mobile, nonroad mobile, point and area source emissions. (As noted below major point source of precursor emissions > 100 tpy will be estimated as potential-to-emit (PTE) or anticipated actual emissions in future years based on EPA criteria and protocols established in previous SIPs.)

Table 4.3-1 contains a worksheet used to estimate the secondary particulate concentration for the base year 2001. Table 4.3-2 presents a summary of major and minor point source emissions that were used in the secondary particulate concentrations estimates. Table 4.3-2 shows the calculations and resulting estimated secondary particulate concentration that was added onto the dispersion model estimates for 2001, 2009, 2010, 2015, 2020, 2025 and 2030.

**Table 4.3-1. 2002 Base Year Secondary Particulate Concentration**

PM2.5 Sampling Data			Calculated Secondary Conc.			
Sample date	NO3	SO4		NH4NO3	(NH4)2SO4	Total Secondary
1/24/2003	12.90	7.49		16.64	10.31	26.95
1/7/2004	11.30	3.91		14.58	5.38	19.96
12/2/2004	12.80	1.87		16.51	2.57	19.09
12/11/2003	11.30	2.46		14.58	3.38	17.96
5/20/2002	7.91	5.49		10.20	7.55	17.76
9/26/2002	6.97	5.88		8.99	8.09	17.08
11/8/2003	10.80	1.93		13.93	2.66	16.59

Sample date	NH4NO3	(NH4)2SO4	Total Secondary		Ratio (NH4)NO3	Ratio (NH4)2SO4
1/24/2003	16.64	10.31	26.95		0.62	0.38
1/7/2004	14.58	5.38	19.96		0.73	0.27
12/2/2004	16.51	2.57	19.09		0.87	0.13
12/11/2004	14.58	3.38	17.96		0.81	0.19
11/8/2003	13.93	2.66	16.59		0.84	0.16
				Mean	0.77	0.23
Readjusted ammonia nitrate and sulfate components from top five concentrations applied to the highest winter secondary concentration (26.9 ug/m3 sampled on 1/24/03)					20.83	6.12
Total Secondary Conc.					26.95	

Note: The sampling dates of 5/20/02 and 9/26/02 were not included in the top five averages since they occurred outside of the winter season. Instead 11/8/03 was used since it occurred during the winter months.

**Table 4.3-2. Secondary Particulate Concentration Worksheet**

Source Category	Pollutant	2001	2009	2010	2013	2015	2020	2025	2030
Area Sources	NOX (tpd)	26.59	29.51	29.97	31.82	33.01	35.84	37.94	40.04
	SO2 (tpd)	1.07	1.17	1.19	1.28	1.34	1.47	1.53	1.58
Non-Road Sources	NOX (tpd)	20.26	14.46	13.73	11.48	9.89	7.23	6.20	5.86
	SO2 (tpd)	0.40	0.30	0.31	0.04	0.02	0.02	0.03	0.03
Gridded Point Sources	NOX (tpd)	4.99	5.28	5.39	5.69	5.79	6.41	6.95	7.53
	SO2 (tpd)	0.82	0.93	0.94	1.00	1.02	1.10	1.18	1.32
Potential to Emit Points	NOX (tpd)	67.48	149.02	149.15	149.78	149.64	150.90	152.22	153.82
	SO2 (tpd)	93.65	178.12	178.17	178.64	178.90	179.67	182.76	184.20
Mobile Source Total	NOX (tpd)	131.93	77.90	73.44	57.46	49.97	38.95	35.55	31.86

Source Category	Pollutant	2001	2009	2010	2013	2015	2020	2025	2030
	SO2 (tpd)	4.93	0.79	0.53	0.58	0.61	0.66	0.72	0.76
Grand Total	NOX (tpd)	251.25	276.16	271.68	256.23	248.29	239.34	238.87	239.11
	SO2 (tpd)	100.87	181.31	181.15	181.54	181.89	182.92	186.21	187.88
Secondary Conc.									
	Ammonia Nitrate (ug/m <sup>3</sup> )	20.8	22.9	22.5	21.2	20.6	19.8	19.8	19.8
	Ammonia Sulfate (ug/m <sup>3</sup> )	6.1	11	11	11	11	11.1	11.3	11.4
	Total (ug/m <sup>3</sup> )	26.9	33.8	33.4	32.2	31.6	30.9	31	31.2

#### 4.4 Primary PM<sub>10</sub> Background Concentration

The modeling analysis includes a background concentration that was added onto the dispersion model and secondary particulate concentration analysis to account for the impact of emissions and concentrations not considered in the modeling analysis within the modeling domain. A full description of the methodology used to establish monthly background concentrations for the attainment, and, now the maintenance SIPs can be found in Volume XIV-Additional Modeling Information in the attainment SIP. Five years of particulate data from monitors in Estes Park and Limon and five years of meteorological data from Stapleton International Airport were used to establish background concentrations. Table 4.4-1 presents a summary of the monthly background concentrations.

**Table 4.4-1. Monthly Mean PM<sub>10</sub> Background Concentrations**

<i>MONTH</i>	<i>PM<sub>10</sub> BACKGROUND (ug/m<sup>3</sup>)</i>
<i>JANUARY</i>	<i>15.4</i>
<i>FEBRUARY</i>	<i>15.8</i>
<i>MARCH</i>	<i>19.8</i>
<i>APRIL</i>	<i>18.7</i>
<i>MAY</i>	<i>19.1</i>
<i>JUNE</i>	<i>21.7</i>
<i>JULY</i>	<i>23.3</i>
<i>AUGUST</i>	<i>24.5</i>
<i>SEPTEMBER</i>	<i>21.8</i>
<i>OCTOBER</i>	<i>18.9</i>
<i>NOVEMBER</i>	<i>17.7</i>
<i>DECEMBER</i>	<i>14.4</i>
<i>ANNUAL AVERAGE</i>	<i>19.8</i>

#### 4.5 Meteorological Data used in the Dispersion Modeling Analysis

The same meteorological data set that was used for the base year and attainment year analysis are used for the maintenance SIP. A full description of this data set is contained in Volume X of the attainment SIP

Raw data from upper air and surface meteorological observations were obtained from the National Climatic Data Center. Five years of Stapleton International Airport meteorological observations, from 1985 through 1989, were used for the data base. The meteorological data was prepared for RAM and ISC3 model inputs using the RAMMET Meteorological Preprocessor. The data from the RAMMET model was further refined to limit the urban mixing heights to no less than 50 meters. In comparing the five year data set, wind speed, wind direction, and temperature compared well with the long term climatic data. The 1985 through 1989 meteorological data set was used to be consistent with the base year model validation, attainment year demonstration and the conformity analysis.

#### 4.6 Modeling Domain

Table 4.6-1 presents specifications of the modeling domain within the PM<sub>10</sub> maintenance area. The same modeling domain used for the attainment demonstration is being used for the maintenance demonstration. The modeling domain is shown graphically in Figure 4.6.2.

The area source emission inventory used for the modeling consists of 1km receptors over the central Denver area where the maximum emissions are most likely to occur as well as the highest simulated concentrations.

The receptor scheme consists of 1294 receptors. The nested grid receptor scheme consists of 1116 receptors spaced 1km apart, nested within 165 receptors placed 5km apart. The area where receptors are placed 1km apart are where maximum concentrations are expected. Whether the receptors are placed 1km or 5km apart, the receptors are located at intersections of area source emissions. Figure 4.6.2 depicts the area source gridding scheme and the receptor scheme.

In addition to the gridded receptors, there are discrete receptors placed at the location of each monitoring location. These locations are the nine Denver metro PM<sub>10</sub> monitoring sites which include Adam City, Arvada, Aurora, Denver 414, Camp, Gates, Englewood, Golden, and Lakewood. Two additional receptors were placed at two CMB sites, Auraria and Welby. EPA Region VIII also requested that downwash modeling be performed for Public Service Company's Cherokee plant, Conoco Refinery and Colorado Refinery<sup>(6)</sup> as part of the attainment SIP. As a result of this downwash modeling, two points of maximum concentration was identified. These two points, identified as DWP1 and DWP2, were also modeled as discrete receptors.

The **PM<sub>10</sub> SIP Development Guideline**<sup>(2)</sup> does not specify any guideline for determining the modeling domain within a Non-Attainment area. In the document, **Example Modeling to Illustrate SIP Development for the New Particulate Matter NAAQS**<sup>(6)</sup> any one of three approaches are described:

- a) A qualitative analysis of the area of represented by the monitoring sites, together with consideration of terrain, meteorology and sources of emissions;
- b) Spatial interpolation of air monitoring data;
- c) Air quality by dispersion modeling.

For the Denver PM<sub>10</sub> SIP, all three approaches were followed for the 1989 base year analysis. Topography was examined for the Denver Metro area. The topographic features indicate that the meteorology from Stapleton parallel the Platte River Valley, therefore, the Stapleton meteorological data base is representative of the Denver metro area at large. However, the topographic features indicate that there is a ridge between Denver and Boulder. The topographic features would indicate that Boulder is in a different air drainage than Denver, therefore, Stapleton data would not be representative of Boulder. For the most part, Boulder is not included in the modeling domain for this reason.

The attainment year modeling protocol presented in Volume VI of the attainment SIP presented an analysis based on spatial interpolation of air monitoring data. The overall maximum PM<sub>10</sub> concentration at the nine network monitor locations were used to create an isopleth plot with the location of the 150 ug/m<sup>3</sup> contour line. The 150 ug/m<sup>3</sup> isopleth for the monitored data used was well within the proposed modeling domain with ample area around the isopleth to allow for transport.

The base year, attainment year SIP, and, the transportation conformity dispersion modeling analysis over the past several years indicate that the maximum concentrations are expected to radiate out from the downtown Denver area. The modeling domain for the maintenance demonstration is adequate to demonstrate where the maximum concentrations are within the Non-attainment area including a buffer zone.

**Table 4.6-1. Denver metropolitan area PM<sub>10</sub> Modeling Domain.**

<i>Coarse Grid UTM Origin (Easting)</i>	<i>477,900 meters</i>
<i>Coarse Grid UTM Origin (Northing)</i>	<i>4,376,700 meters</i>
<i>UTM Zone</i>	<i>13</i>
<i>Cells in X-direction</i>	<i>14</i>
<i>Cells in Y-direction</i>	<i>10</i>
<i>Cell side dimension</i>	<i>5 km</i>
<i>Nested Grid UTM Origin (Easting)</i>	<i>782,900 meters</i>
<i>Nested Grid UTM Origin (Northing)</i>	<i>4,376,700 meters</i>
<i>UTM Zone</i>	<i>13</i>
<i>Cells in X-direction</i>	<i>31</i>
<i>Cells in Y-direction</i>	<i>36</i>
<i>Cell side dimension</i>	<i>1 km</i>

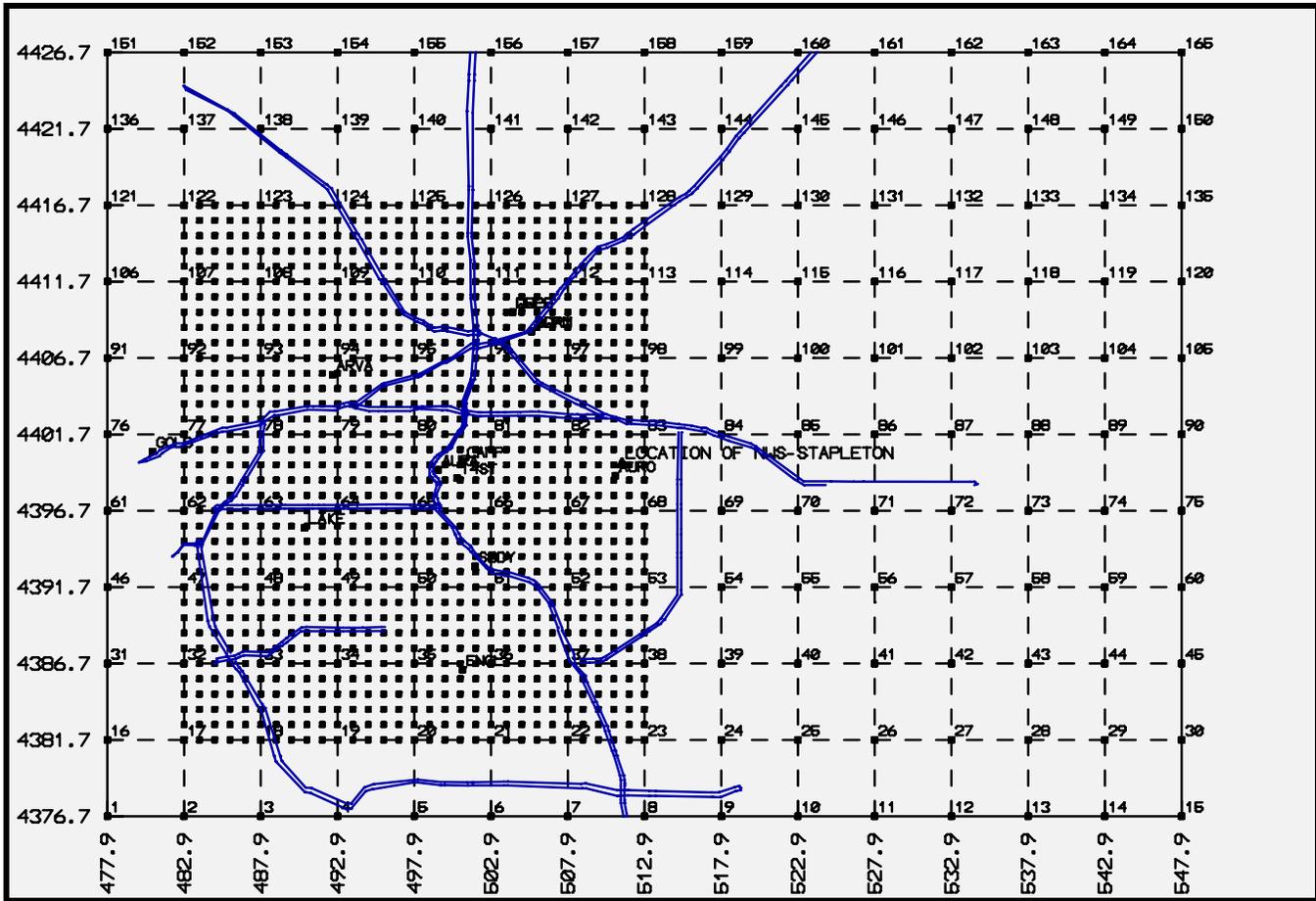


Figure 4.6.2. Area Source and Receptor Schemes

#### 4.7 Model Performance Evaluation

Model validation and performance was performed as part of the 1989 base year in the attainment SIP. There has not been any additional model validation or performance demonstrations done since then. A complete description of the model performance and validation for the Denver area can be found in Volume XI of the attainment SIP as part of the 1989 modeling results.

Base year dispersion model runs were performed to estimate model results for 1989 and to establish model performance for the Denver PM<sub>10</sub> SIP Element. Establishment of model performance is helpful in providing the degree of certainty the model will predict attainment and maintenance year concentrations. An evaluation of the overall model performance is presented in Volume XI by comparing monitored data with modeled data, and, also, Receptor Modeling results with source apportionments predicted by the dispersion models. In July of 1992, the EPA/RAQC/APCD agreed that the dispersion model generally meets modeling performance standards and is adequate for use in estimating the attainment year concentrations. It is assumed that the modeling system is also adequate for demonstrating continuing maintenance of the standard.

For this maintenance demonstration, ambient air quality data exists for 2001. Availability of this data provides an opportunity to verify model performance based on concentrations that are

paired in space be not time. Meteorological data for 1985 through 1989 were used, therefore, the results cannot be compared in time.

Table 4.7-1 provides a comparison of the modeled and monitored data for 2002. As seen in Table 4.7-1 the model generally over-predicts concentrations in the core Denver area such as the CAMP monitoring station, and, under-predicts concentrations at the suburban sites like Adams City. These same biases were noted in the original model performance evaluation which are presented in Volume XI of the attainment SIP.

**Table 4.7-1: Comparison of Monitored Data Versus 2002 Modeled Values Unpaired in Time**

	Monitored Data 24-Hour Highest Monitored Values (ug/m <sup>3</sup> )				Modeled Data (ug/m <sup>3</sup> )		
	2000	2001	2002	Average of Three Year Highest	Modeled Max	Average of the five Highest	Modeled Design Value (sixth high)
Adams City/Commerce City	135	134	118	129	120	114	109
414ST/Visitor Center	74	119	111	101	148	142	136
CAMP	60	78	88	75	156	152	148
CAMP-BETA	78	81	96	85	156	152	148
South Broadway/Gates	58	49	78	62	160	148	138
Welby	45	81	48	58	122	111	105
Welby-BETA	70	97	140	102	122	111	105

## 5.0 Modeling-Based Maintenance Demonstration

### 5.1 Model Results

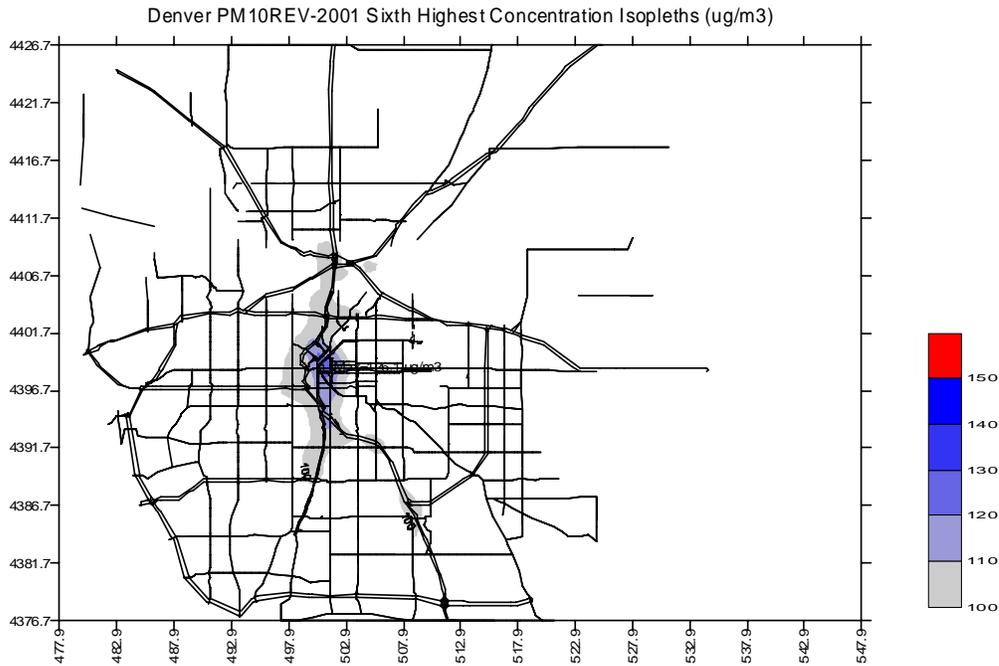
The modeling process includes using five years of Denver Stapleton data from 1985-1989. Area sources, mobile, and minor point source are modeled using the RAM model. The Industrial Source Complex model (ISC3) was used to model primary PM<sub>10</sub> and condensable particulate matter when available from major stationary sources. Secondary particulate concentration estimates are based on PM<sub>2.5</sub> speciated filter data and proportioned to estimated changes in NO<sub>x</sub> and SO<sub>2</sub> emissions. Primary PM<sub>10</sub> background concentrations are based on historic monitoring data from Estes Park and Limon.

Table 5.1-1 presents the maximum highest sixth-high concentration model for the base year 2001 and for several projected maintenance years which is comparable to the 24-hour PM<sub>10</sub> NAAQS. These total concentrations include the RAM model results, ISC3 model results, secondary proportioned concentration for the maintenance years, and the background concentration.

**Table 5.1-1. Summary of Maintenance Year Model Demonstration**

<i>Modeled Year</i>	<i>Sixth-Highest Modeled Concentration (ug/m3)</i>
<i>2001-Base Year</i>	<i>126.1</i>
<i>2009</i>	<i>134.9</i>
<i>2010</i>	<i>135.1</i>
<i>2015</i>	<i>137.5</i>
<i>2020</i>	<i>142.0</i>
<i>2022 (interpolated)</i>	<i>145.1</i>
<i>2025</i>	<i>149.9</i>
<i>2030</i>	<i>157.6</i>

A listing of the first through sixth highest concentration at each receptor and modeled year is presented in Appendices G through M. Concentrations isopleths for the base year 2001 and the maintenance years are presented in Figures 5 through 12 for 2001, 2009, 2010, 2015, 2020, 2022, 2025, and 2030, respectively. Based on the dispersion modeling analysis for the Denver nonattainment area, the area has attained the national standards for PM<sub>10</sub>, and, through measures presented in the maintenance plan, can maintain the PM<sub>10</sub> standard for at least ten years into the future and well into the future after 10 years. After 2025, air quality modeling suggests that the area may exceed the NAAQS, however this is well beyond the 10-year outlook for this maintenance SIP analysis.



**Figure 5.1 Denver Sixth Highest PM10 Concentration 2001 Isopleths**

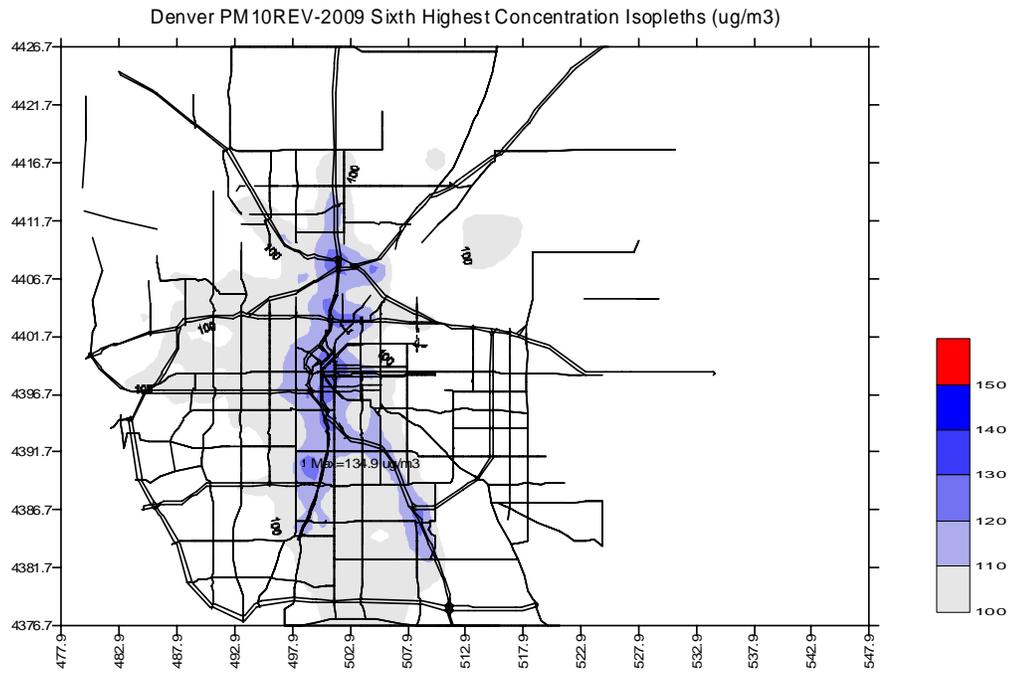


Figure 5.2. 2009 Maintenance Year Concentration Isopleths

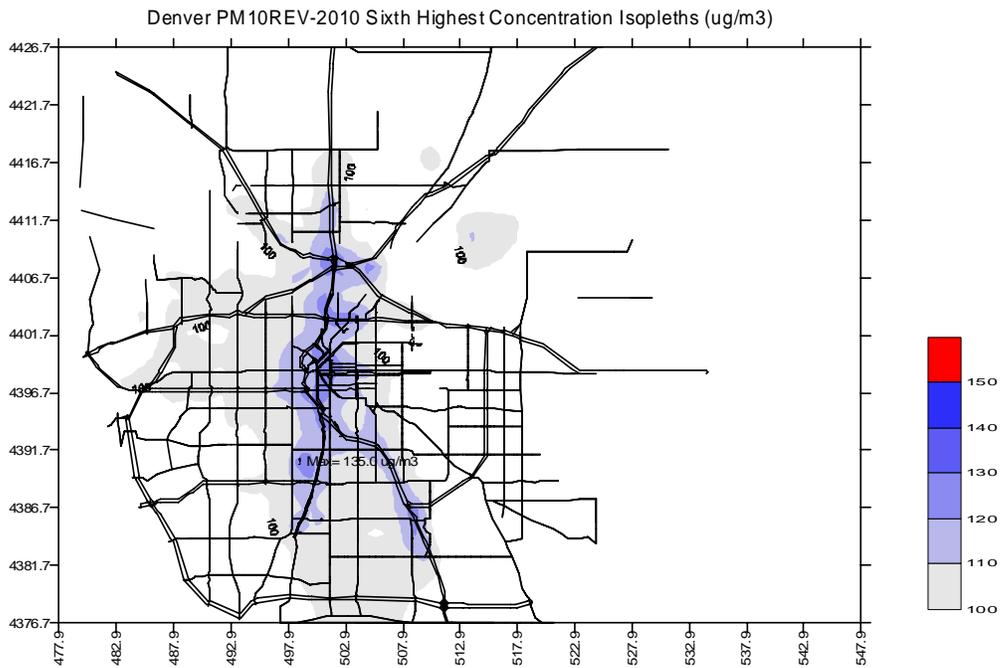


Figure 5.3 Denver Sixth Highest PM10 Concentration 2010 Isopleths

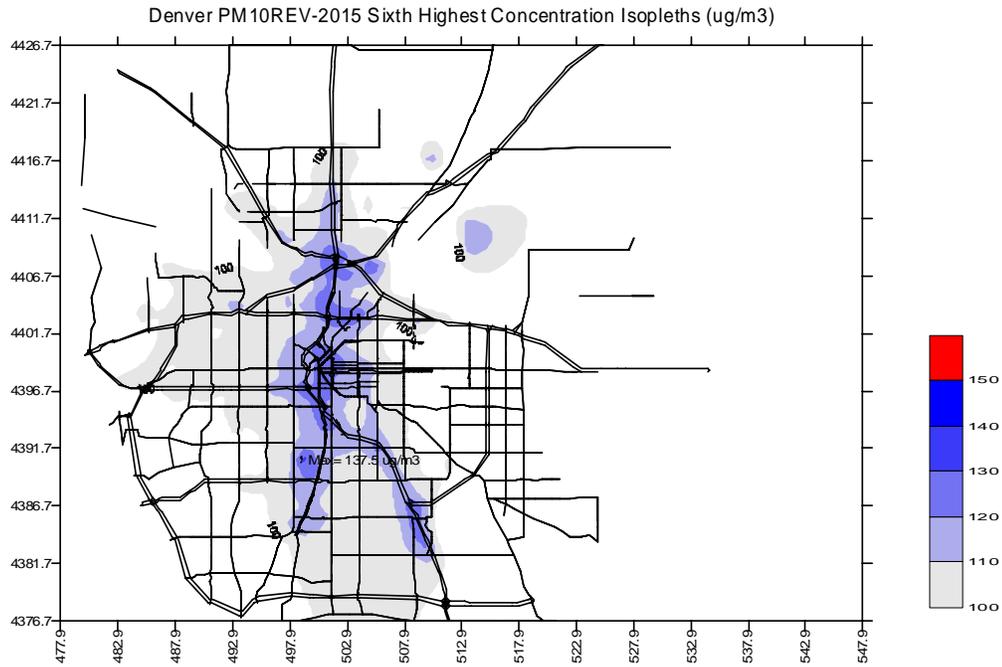


Figure 5.4. 2015 Maintenance Year Concentration Isopleths

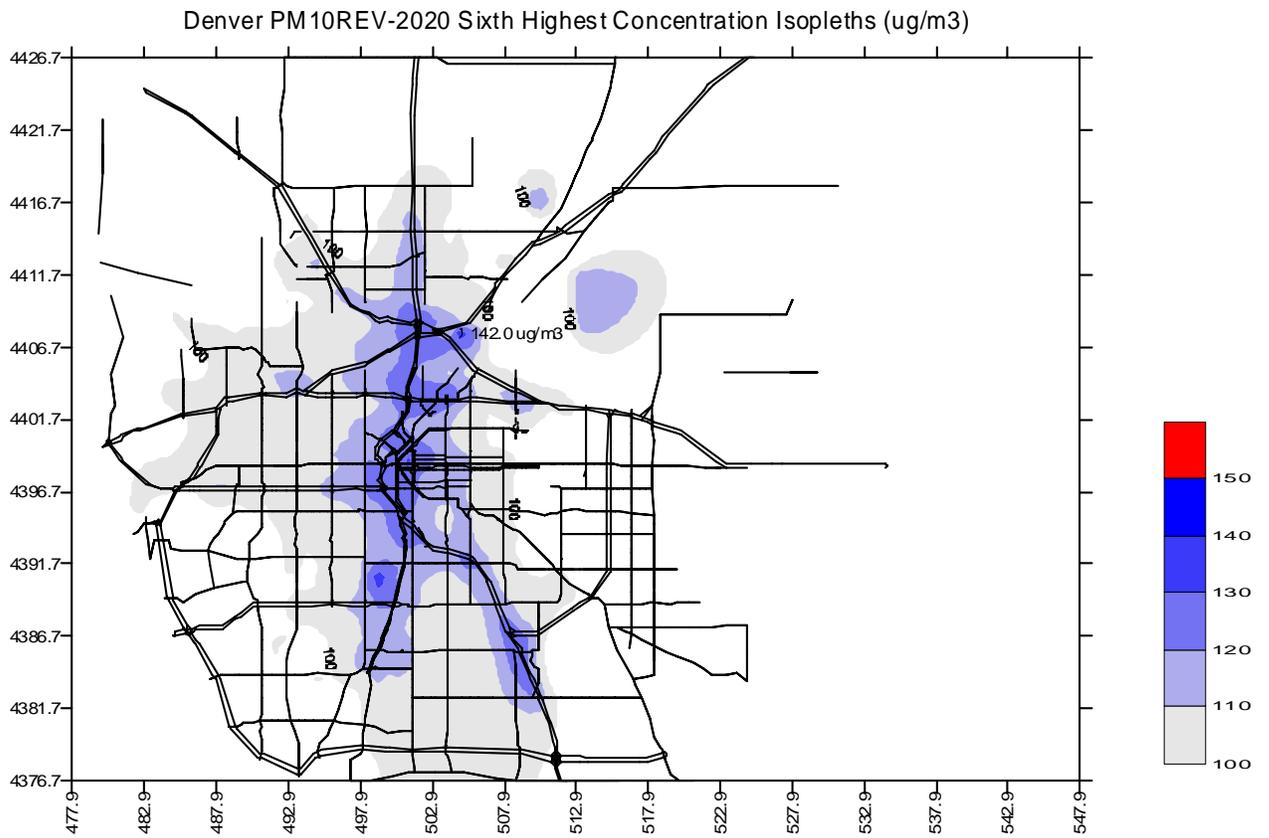


Figure 5.4 Denver Sixth Highest PM10 Concentration 2020 Isopleths

Denver PM10REV-2022 Sixth Highest Concentration Isopleths (ug/m3)

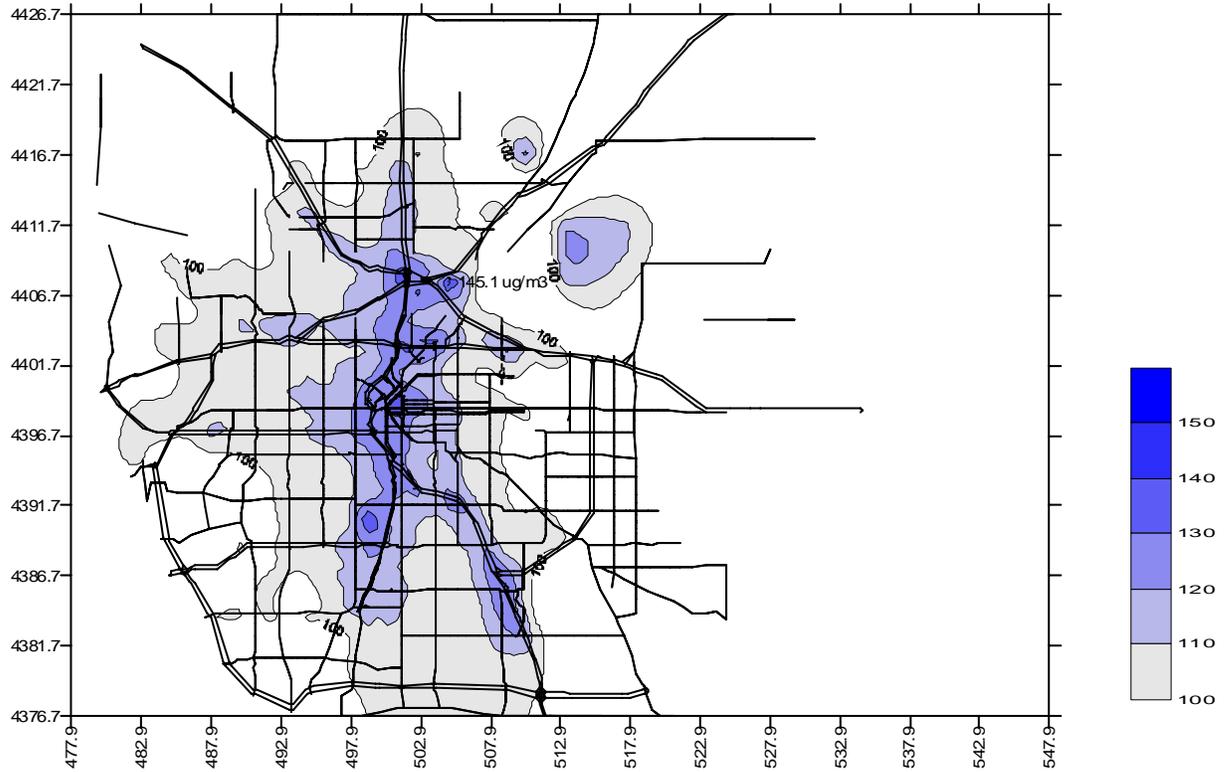


Figure 5.5 Denver Sixth Highest PM10 Concentration 2022 Isopleths

Denver PM10REV-2025 Sixth Highest Concentration Isopleths (ug/m3)

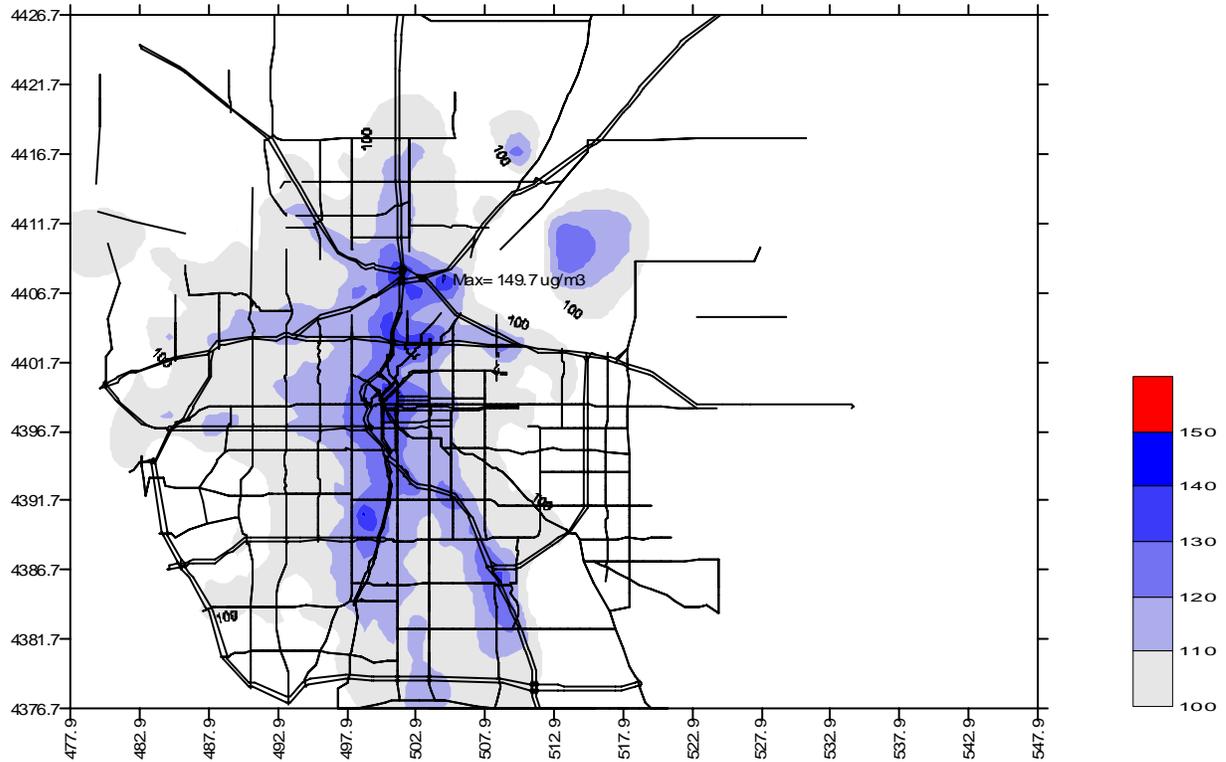


Figure 5.6 Denver Sixth Highest PM10 Concentration 2025 Isopleths

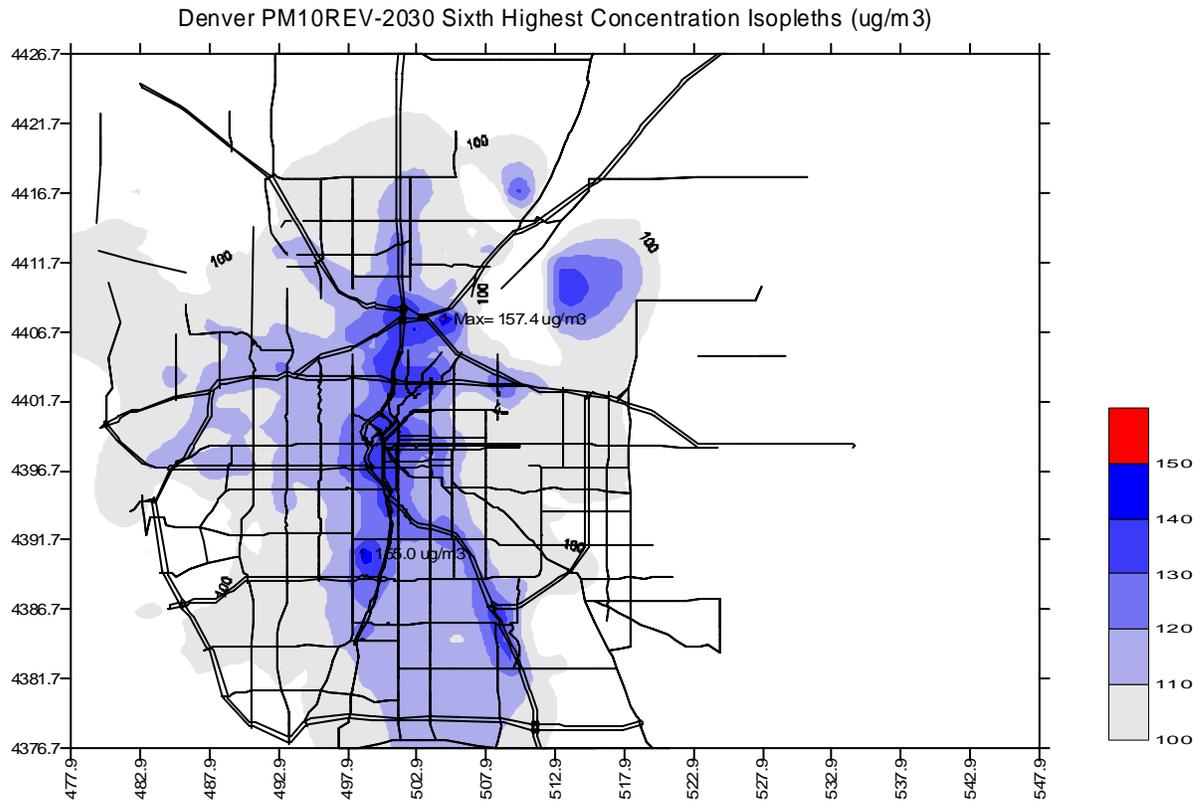


Figure 5.3 Denver Sixth Highest PM10 Concentration 2030 Isoleths

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# Appendix A

## DIA Emissions Inventory Documentations

This appendix is available on CD by request and it is available for download on the Technical Services Program Technical Documents web site:

<http://apcd.state.co.us/documents/techdocs.html>

## Appendix B

# Mobile6.2 Emission Factor Modeling Documentation

This appendix is available on CD by request and it is available for download on the Technical Services Program Technical Documents web site:

<http://apcd.state.co.us/documents/techdocs.html>

## Appendix E.1 – E.4

### Major Stationary Point Sources

These appendices are available on CD by request and they are available for download on the Technical Services Program Technical Documents web site:

<http://apcd.state.co.us/documents/techdocs.html>

## Appendix G

### Summary of Dispersion Model Results for 2001 Base Year

## Appendix G – Summary of Dispersion Model Results for 2001 Base Year

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1	477.9	4376.7	1	78.93	88064	76.16	85040	75.50	88291	69.87	88047	69.28	85270	69.07	86284
2	482.9	4376.7	2	90.36	88064	77.06	89288	73.90	85040	73.29	86107	73.13	85270	72.49	88291
3	487.9	4376.7	3	95.67	88064	88.11	89288	81.81	86107	80.07	85270	76.65	89344	73.89	85040
4	492.9	4376.7	4	104.09	88064	93.69	89288	92.41	86107	83.65	85270	80.80	85007	80.18	89344
5	497.9	4376.7	5	102.02	88064	96.59	89288	90.61	86107	88.57	85007	85.35	85270	82.24	85326
6	502.9	4376.7	6	112.66	88064	99.19	85007	97.21	88003	93.47	85326	92.48	86107	90.67	89288
7	507.9	4376.7	7	100.42	85007	99.35	88003	97.75	88064	95.67	85326	88.95	89051	88.74	89288
8	512.9	4376.7	8	89.71	88003	87.43	85326	84.95	89051	81.17	85007	78.34	86068	77.60	89028
9	517.9	4376.7	9	78.15	85326	75.36	88354	74.14	88064	73.86	86068	73.83	85332	73.39	88003
10	522.9	4376.7	10	72.95	86068	69.36	88003	69.07	85326	68.26	88354	67.95	85332	62.21	88070
11	527.9	4376.7	11	75.87	86068	63.07	88354	61.83	85332	61.76	85326	57.76	85320	57.67	88070
12	532.9	4376.7	12	74.10	86068	57.33	85320	56.62	88354	55.64	86030	54.87	85270	54.39	85332
13	537.9	4376.7	13	70.45	86068	56.47	85320	54.33	86030	53.26	85270	52.76	85332	52.34	86329
14	542.9	4376.7	14	67.73	86068	56.37	86030	54.64	85320	53.58	85270	52.99	86329	51.19	89320
15	547.9	4376.7	15	68.52	86068	55.16	85320	52.98	86030	52.87	85270	52.21	86329	50.39	88291
16	477.9	4381.7	16	88.60	85040	81.32	88064	79.58	88291	75.38	85270	73.49	88047	73.05	86284
17	482.9	4381.7	17	89.01	88064	85.82	85040	79.47	85270	77.37	88291	74.87	89288	73.76	86284
18	487.9	4381.7	18	99.16	88064	86.97	85040	84.07	85270	83.51	89288	81.93	86107	76.77	88291
19	492.9	4381.7	19	107.83	88064	95.37	86107	92.13	89288	89.05	85270	83.57	85007	81.89	85040
20	497.9	4381.7	20	107.78	88064	96.52	89288	92.62	86107	91.31	85270	87.89	85007	84.41	88003
21	502.9	4381.7	21	115.06	88064	104.63	88003	98.39	85007	97.16	85326	94.53	86107	91.32	89288
22	507.9	4381.7	22	103.82	88064	102.90	88003	98.31	85326	96.62	85007	90.78	86107	88.43	89288
23	512.9	4381.7	23	85.42	88003	81.90	85326	80.17	85332	78.72	86068	78.35	86107	77.76	88354
24	517.9	4381.7	24	81.65	88003	78.25	86068	76.65	85326	76.12	88064	73.99	85007	72.59	88354
25	522.9	4381.7	25	78.66	86068	68.40	88003	67.28	85326	66.21	88354	64.06	85332	63.62	86329
26	527.9	4381.7	26	77.05	86068	60.45	85320	59.18	85326	58.54	88354	58.52	86329	57.66	85332
27	532.9	4381.7	27	71.06	86068	56.23	86329	55.20	85320	55.16	86107	55.10	86030	53.50	85270
28	537.9	4381.7	28	68.39	86068	56.61	86030	55.90	86329	54.99	85320	54.47	86107	53.80	85270
29	542.9	4381.7	29	68.15	86068	55.94	85320	54.15	86107	53.79	86329	52.14	85270	51.60	88291
30	547.9	4381.7	30	64.46	86068	54.11	86107	53.90	86329	53.12	85320	51.31	85270	50.64	88348
31	477.9	4386.7	31	92.92	85040	84.36	88047	82.96	88291	79.17	88064	77.22	85270	72.14	86284
32	482.9	4386.7	32	100.25	85040	92.81	88064	88.13	88047	85.41	85270	84.38	88291	76.97	86284
33	487.9	4386.7	33	103.65	88064	95.81	85040	88.99	85270	86.11	88047	83.36	88291	80.82	89288
34	492.9	4386.7	34	103.47	88064	95.93	86107	90.67	85040	90.49	85270	88.67	89288	83.08	85007
35	497.9	4386.7	35	112.62	88064	96.37	85270	94.25	89288	93.81	85007	92.44	88003	91.67	86107
36	502.9	4386.7	36	112.12	88064	110.61	88003	97.53	85007	95.93	85326	92.92	86107	89.38	85270
37	507.9	4386.7	37	121.14	88003	112.57	88064	110.89	85007	109.71	85326	107.63	87352	103.14	88340
38	512.9	4386.7	38	84.03	86068	83.87	88003	81.08	86107	80.43	85326	78.28	88064	75.30	85007
39	517.9	4386.7	39	89.30	88003	83.57	86068	78.38	85007	77.86	88064	76.98	85326	71.60	86346
40	522.9	4386.7	40	79.06	86068	65.84	85326	65.74	88003	64.63	86329	64.37	86107	62.45	85320
41	527.9	4386.7	41	75.32	86068	62.67	86329	61.10	86107	58.7	85320	58.45	86030	58.15	88003
42	532.9	4386.7	42	72.15	86068	59.65	86329	58.50	86107	57.48	85320	55.17	86030	54.15	85270
43	537.9	4386.7	43	69.09	86068	57.69	86107	56.13	86329	54.63	85320	52.17	85270	51.69	88291
44	542.9	4386.7	44	64.80	86068	57.58	86107	56.22	86329	52.83	85320	51.93	85270	51.12	88291
45	547.9	4386.7	45	63.11	86068	56.45	86107	54.31	85320	54.27	86329	51.44	85270	51.13	88291

## SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
46	477.9	4391.7	46	97.76	85040	89.29	88047	84.96	85270	82.79	88064	75.61	88291	74.40	86284
47	482.9	4391.7	47	96.69	85040	93.37	88047	93.13	88064	87.13	85270	81.30	88291	76.64	86284
48	487.9	4391.7	48	98.50	88064	98.37	85040	96.24	88047	89.17	85270	86.04	88291	77.26	86107
49	492.9	4391.7	49	103.55	88064	100.27	85040	95.23	88047	94.9	85270	91.03	86107	85.31	88291
50	497.9	4391.7	50	113.88	88064	98.94	85270	97.00	88003	95.95	85007	95.53	85040	92.66	89288
51	502.9	4391.7	51	125.92	88064	123.40	88003	112.39	85007	104.26	85326	102.36	87352	96.88	86107
52	507.9	4391.7	52	106.10	88003	94.30	87352	93.37	88064	91.14	85007	90.97	85326	89.72	88340
53	512.9	4391.7	53	86.76	86068	85.21	88003	82.33	88064	80.75	86107	76.74	87352	76.43	86329
54	517.9	4391.7	54	92.14	88003	80.61	86068	77.81	85007	76.63	88064	74.66	86329	74.31	85326
55	522.9	4391.7	55	76.93	86068	68.43	86329	67.76	88003	65.19	86107	61.47	85320	61.46	86030
56	527.9	4391.7	56	73.86	86068	63.53	86329	62.22	86107	59.64	85320	58.64	88003	56.44	85332
57	532.9	4391.7	57	67.36	86068	60.28	86107	58.52	86329	55.08	85320	52.59	88003	52.19	88291
58	537.9	4391.7	58	64.64	86068	59.75	86107	57.44	86329	54.55	85320	52.28	85270	51.73	88291
59	542.9	4391.7	59	64.40	86068	58.86	86107	55.05	86329	53.69	85320	51.13	85270	51.13	88291
60	547.9	4391.7	60	62.65	86068	58.15	86107	53.85	86329	51.44	85320	50.06	88291	49.98	85270
61	477.9	4396.7	61	103.05	85040	98.77	88047	83.96	85270	78.08	85070	77.35	88016	75.01	88291
62	482.9	4396.7	62	108.98	88047	107.94	85040	91.19	85270	88.33	88064	85.58	87314	84.74	88016
63	487.9	4396.7	63	111.87	88047	110.42	85040	102.98	88064	97.94	85270	90.34	85328	89.46	88016
64	492.9	4396.7	64	114.47	88047	110.11	85040	110.10	88064	100.27	85270	97.04	87314	93.79	85328
65	497.9	4396.7	65	119.29	88064	110.10	88047	107.25	85007	106.66	88003	105.89	87352	104.85	85040
66	502.9	4396.7	66	119.48	88003	117.35	88064	110.25	87352	109.04	85007	98.79	85326	97.58	88340
67	507.9	4396.7	67	100.09	88003	90.22	88064	87.56	87352	87.41	86068	87.39	88059	84.72	85007
68	512.9	4396.7	68	84.01	88003	81.03	87352	81.01	86107	80.79	86068	80.03	88064	77.48	85007
69	517.9	4396.7	69	92.37	88003	83.33	86068	79.33	85007	78.26	88064	75.74	86329	72.98	87360
70	522.9	4396.7	70	77.55	86068	68.85	88003	67.87	86107	63.57	86329	60.40	86346	60.08	87360
71	527.9	4396.7	71	70.24	86068	65.23	86107	61.09	88003	60.25	86329	56.00	85007	55.76	85320
72	532.9	4396.7	72	67.13	86068	63.55	86107	58.34	86329	55.49	88003	55.00	85320	53.63	85007
73	537.9	4396.7	73	64.35	86068	62.11	86107	55.42	86329	52.59	85007	52.45	85320	52.27	88291
74	542.9	4396.7	74	60.91	86107	60.72	86068	53.89	86329	52.28	85007	51.23	88291	50.43	85320
75	547.9	4396.7	75	60.32	86107	57.55	86068	53.50	86329	51.09	85007	50.39	88291	49.61	85270
76	477.9	4401.7	76	96.48	85040	95.31	88047	88.74	85070	79.9	85270	78.74	88016	74.04	88059
77	482.9	4401.7	77	98.16	85040	97.48	88047	89.53	85070	83.5	85270	80.23	88059	79.28	88016
78	487.9	4401.7	78	108.50	88047	98.57	85040	94.13	85070	92.64	88059	90.80	88064	87.70	85270
79	492.9	4401.7	79	106.07	88047	100.80	88059	99.25	85040	95.46	88064	90.84	85270	89.01	85360
80	497.9	4401.7	80	109.57	88059	106.27	88064	103.93	88047	100.48	88003	99.98	87352	96.06	87270
81	502.9	4401.7	81	116.09	88003	111.14	87352	104.30	88064	100.62	88059	97.33	87351	96.96	88047
82	507.9	4401.7	82	95.38	88003	89.67	88059	87.66	88064	84.32	87352	81.78	87270	81.27	86068
83	512.9	4401.7	83	92.93	88003	85.22	86068	83.37	87352	80.6	88064	78.43	86107	78.33	85007
84	517.9	4401.7	84	90.84	88003	79.44	86068	73.92	86329	73.48	88064	72.36	85007	71.16	87352
85	522.9	4401.7	85	73.74	86068	72.80	88003	66.55	87360	66.17	86107	63.36	86329	62.81	88064
86	527.9	4401.7	86	68.31	86068	63.96	86107	63.38	88003	59.21	86329	57.19	87360	56.21	88064
87	532.9	4401.7	87	62.03	86107	61.43	86068	58.43	88003	56.29	86329	53.92	87360	52.76	88291
88	537.9	4401.7	88	61.56	86107	57.03	86068	54.31	86329	52.51	88003	52.12	88291	50.28	85270
89	542.9	4401.7	89	60.93	86107	54.65	86068	53.96	86329	50.69	88291	50.15	88003	50.01	86323
90	547.9	4401.7	90	59.70	86107	54.12	86068	53.30	86329	49.82	88291	49.73	88003	49.39	86323
91	477.9	4406.7	91	94.51	88047	93.93	85070	79.79	85040	78.05	85360	74.85	88059	74.82	85270
92	482.9	4406.7	92	102.02	88047	90.85	85070	82.57	88059	81.88	85360	80.81	85040	76.33	88016
93	487.9	4406.7	93	107.11	88047	96.12	88059	93.98	85360	89.74	85070	87.47	89014	86.97	85040
94	492.9	4406.7	94	107.04	88059	101.81	88047	95.13	87270	93.12	85360	88.76	88064	88.54	89014
95	497.9	4406.7	95	116.22	88059	107.25	86339	103.54	87270	100.86	88047	100.20	87352	100.02	87337
96	502.9	4406.7	96	125.25	88059	117.16	86339	114.20	88003	111.05	87270	108.72	87337	105.95	87350

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
97	507.9	4406.7	97	88.15	88059	86.63	88003	81.59	87270	79.24	85340	78.10	88064	77.34	87339
98	512.9	4406.7	98	86.46	89024	84.15	88059	83.62	88064	80.27	88003	77.76	86107	77.56	85314
99	517.9	4406.7	99	95.06	88003	87.60	85007	86.44	86068	78.2	87352	75.47	87360	75.40	88064
100	522.9	4406.7	100	70.02	88003	69.07	86068	65.80	86107	63.47	87360	63.26	87325	62.26	88064
101	527.9	4406.7	101	70.76	88003	64.66	87360	62.50	86107	61.83	86068	60.72	88064	57.66	86329
102	532.9	4406.7	102	64.00	88003	59.55	86107	59.03	86068	57.27	87360	55.41	86329	54.05	88064
103	537.9	4406.7	103	59.43	86107	57.99	88003	55.37	86068	53.8	86329	52.34	87360	51.42	88291
104	542.9	4406.7	104	58.55	86107	54.55	88003	53.81	86068	52.97	86329	50.51	85015	50.05	88291
105	547.9	4406.7	105	57.57	86107	52.60	86068	52.39	86329	52.15	88003	50.27	85015	49.45	88291
106	477.9	4411.7	106	90.51	88047	88.60	85070	82.03	85360	75.91	88059	75.27	85040	72.13	89014
107	482.9	4411.7	107	88.85	88047	83.80	85360	83.40	85070	80.99	88059	74.84	89014	74.63	85040
108	487.9	4411.7	108	89.47	88059	88.55	88047	88.41	85360	80.73	87270	78.98	85070	77.88	89014
109	492.9	4411.7	109	103.23	88059	94.03	88047	90.57	87270	86.73	85360	85.73	87352	84.47	87314
110	497.9	4411.7	110	104.63	88059	90.28	87270	90.01	87352	89.77	88047	87.99	87351	86.93	87337
111	502.9	4411.7	111	100.53	88059	91.34	87270	88.85	87352	86.18	88003	85.77	87337	84.91	89004
112	507.9	4411.7	112	91.92	88059	84.98	87339	84.09	88003	81.96	87352	81.48	87270	79.69	87325
113	512.9	4411.7	113	107.75	88059	100.36	86339	97.76	87270	92.77	87337	92.50	87359	92.09	88003
114	517.9	4411.7	114	96.70	86355	91.13	87360	85.17	87333	84.77	86329	84.67	86351	84.01	88003
115	522.9	4411.7	115	70.74	88003	69.25	87360	63.55	87325	62.84	87339	61.87	86107	61.68	86329
116	527.9	4411.7	116	68.70	88003	63.87	87360	61.36	86107	60.3	87325	59.53	88064	58.31	86329
117	532.9	4411.7	117	68.18	88003	64.00	87360	60.36	86107	56.4	88064	56.07	86329	55.20	86068
118	537.9	4411.7	118	60.04	88003	58.92	86107	56.00	87360	53.5	86329	52.86	86068	52.66	88064
119	542.9	4411.7	119	59.03	86107	56.18	88003	52.67	86329	51.81	87360	51.66	86068	50.57	88064
120	547.9	4411.7	120	57.97	86107	54.03	88003	51.65	86329	51.22	86068	49.68	88291	49.15	85015
121	477.9	4416.7	121	81.85	85360	79.49	88047	78.01	85070	72.93	88059	70.41	89014	68.21	87270
122	482.9	4416.7	122	86.23	85360	80.60	88047	80.27	88059	78.64	85070	72.64	89014	72.43	87270
123	487.9	4416.7	123	89.02	88047	85.75	88059	82.90	85360	76.71	87270	75.20	85070	70.05	88016
124	492.9	4416.7	124	97.91	88059	92.04	87270	84.85	87351	84.66	88047	84.33	86339	81.00	85360
125	497.9	4416.7	125	101.91	88059	87.25	87270	84.05	87337	83.67	87352	82.09	87351	81.68	88047
126	502.9	4416.7	126	107.11	88059	94.21	87337	93.98	87270	86.94	87339	86.30	87352	85.60	89004
127	507.9	4416.7	127	85.78	88059	81.38	87270	78.83	87339	72.8	87352	72.27	85340	71.81	87360
128	512.9	4416.7	128	80.38	88059	76.88	88003	74.57	85340	72.77	87270	70.75	87360	70.01	87339
129	517.9	4416.7	129	72.58	88003	70.95	87360	69.49	87325	67.93	87339	66.75	87352	65.32	85340
130	522.9	4416.7	130	73.90	87360	71.88	88003	66.45	87325	65.67	88064	65.18	85340	60.23	87339
131	527.9	4416.7	131	65.67	87360	65.58	88003	60.62	87325	58.94	86107	58.31	88064	56.87	87339
132	532.9	4416.7	132	62.28	87360	62.18	88003	58.03	86107	57.77	87325	57.05	88064	53.94	86068
133	537.9	4416.7	133	61.97	88003	60.85	87360	57.76	86107	54.59	88064	53.05	87325	52.61	88029
134	542.9	4416.7	134	58.16	88003	56.89	86107	54.83	87360	52.74	85015	52.38	88064	51.20	86068
135	547.9	4416.7	135	56.39	86107	56.26	88003	51.98	85015	51.16	87360	50.66	86068	50.30	86329
136	477.9	4421.7	136	88.43	85360	80.92	88047	77.53	85070	73.78	88059	68.49	85006	68.17	89014
137	482.9	4421.7	137	81.16	85360	78.70	88059	74.85	85070	73.97	88047	72.97	87270	67.71	89014
138	487.9	4421.7	138	87.34	88059	82.20	85360	77.01	87270	73.82	88047	72.05	88015	71.37	85070
139	492.9	4421.7	139	92.03	88059	85.19	87270	79.43	87351	76.23	87352	75.88	88047	74.76	87337
140	497.9	4421.7	140	100.39	88059	84.83	87270	78.15	87337	78.09	87351	76.33	86345	75.56	87353
141	502.9	4421.7	141	101.10	88059	90.26	87270	81.59	89004	80.23	87337	77.07	87333	75.03	88352
142	507.9	4421.7	142	86.75	88059	82.01	87270	74.87	87352	74.04	85340	73.40	87339	72.32	87333
143	512.9	4421.7	143	83.56	88059	74.88	87270	72.33	85340	71.96	87339	70.84	87360	70.35	87325
144	517.9	4421.7	144	71.84	88003	71.23	87360	68.71	87325	65.96	88064	65.57	87352	65.23	85340
145	522.9	4421.7	145	67.18	88003	66.75	87325	66.62	87360	61.68	85340	61.30	88064	60.40	87339
146	527.9	4421.7	146	70.82	87360	70.22	88003	63.72	88064	63.32	87325	60.10	85340	56.68	86107
147	532.9	4421.7	147	64.61	88003	63.01	87360	59.72	87325	58.21	86107	56.89	88064	54.59	88029

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH		
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3
148	537.9	4421.7	148		62.28	88003	60.05	87360	56.96	86107	56.21	88064	55.75	87325	53.22	88029
149	542.9	4421.7	149		61.97	88003	57.52	87360	56.60	86107	54.22	88064	52.72	88029	52.49	87325
150	547.9	4421.7	150		56.00	88003	55.69	86107	53.52	87360	51.84	88064	51.07	88029	50.90	85015
151	477.9	4426.7	151		83.87	85360	75.68	88059	73.42	85070	68.85	87270	66.33	89014	65.49	87031
152	482.9	4426.7	152		85.14	85360	77.87	88059	72.41	87270	67.87	87031	67.86	85070	67.84	85006
153	487.9	4426.7	153		82.85	88059	73.78	87270	71.92	85360	71.04	87337	69.77	87351	67.89	86339
154	492.9	4426.7	154		84.31	88059	80.34	87270	71.72	87351	69.03	87337	67.79	86345	67.55	87333
155	497.9	4426.7	155		92.99	88059	78.78	87270	69.21	87353	68.86	87337	68.61	86345	67.85	89004
156	502.9	4426.7	156		97.81	88059	87.85	87270	76.36	89004	72.32	87333	69.88	89358	69.75	86345
157	507.9	4426.7	157		78.63	88059	77.40	87270	68.79	87352	67.78	86345	67.76	87339	66.38	89358
158	512.9	4426.7	158		82.58	88059	74.90	87270	68.83	85340	67.71	87339	66.52	87325	66.50	87360
159	517.9	4426.7	159		68.30	87360	67.43	87325	66.52	87339	64.85	88059	64.45	88352	64.12	85340
160	522.9	4426.7	160		70.20	87360	66.83	88003	66.17	87325	62.14	88064	61.59	85340	60.35	87339
161	527.9	4426.7	161		65.35	88003	65.29	87360	63.84	87325	60.68	88064	60.55	85340	56.46	87339
162	532.9	4426.7	162		69.41	87360	69.37	88003	62.03	88064	59.43	87325	57.78	85340	55.09	86107
163	537.9	4426.7	163		64.37	88003	61.18	87360	58.65	87325	56.93	86107	56.55	88064	54.12	87323
164	542.9	4426.7	164		61.36	88003	59.44	87360	56.25	86107	55.77	88064	54.62	87325	53.68	88029
165	547.9	4426.7	165		60.81	88003	56.06	87360	55.55	86107	53.83	88064	52.96	88029	51.67	87325
1ADAM	505.5	4408.4	166		98.98	88059	92.27	87270	90.52	85340	90.45	88003	88.66	87352	86.85	87333
2ARVA	492.6	4405.6	167		104.79	88047	103.62	88059	91.55	85360	91.47	87270	89.22	85040	86.97	88064
3AURO	511.0	4399.0	168		90.87	88003	85.56	88059	84.50	86068	84	88064	82.88	86107	82.35	87352
414ST	500.7	4398.8	169		139.57	88003	130.91	87352	130.74	85007	128.97	88064	125.22	87350	125.22	88059
5CAMP	501.1	4399.9	170		128.37	88003	124.88	88059	121.15	87352	118.03	87327	117.09	88064	115.56	85007
6SBDY	501.9	4393.1	171		131.97	88003	124.95	88064	122.64	85007	111.15	87352	108.72	87350	106.65	85326
7ENGL	501.0	4386.3	172		117.24	86107	115.85	88064	114.83	85007	107.12	88003	99.67	85326	96.14	89288
8GOLD	480.8	4400.6	173		103.10	85040	99.25	88047	88.59	85070	84.29	85270	82.03	88016	77.22	88059
9LAKE	490.8	4395.6	174		108.07	88064	105.16	85040	104.55	88047	95.79	85270	88.04	88291	84.41	88059
10WELB	504.3	4409.7	175		94.35	88059	85.11	87352	83.81	87270	82.85	87339	82.32	87337	82.12	85340
11AURA	499.5	4399.4	176		116.04	88064	111.73	88003	110.71	88059	109	88047	104.17	87352	102.96	85040
12DWP1	505.5	4408.4	177		95.89	88059	91.19	87270	90.01	88003	88.86	87352	88.23	85340	83.62	86355
13DWP2	504.3	4409.7	178		93.27	88059	84.92	87352	83.77	87339	83.38	87270	83.34	87337	81.40	88003
361	482.9	4381.7	179		89.01	88064	85.82	85040	79.47	85270	77.37	88291	74.87	89288	73.76	86284
362	483.9	4381.7	180		92.95	88064	85.77	85040	79.58	85270	78.2	88291	76.86	89288	74.76	86284
363	484.9	4381.7	181		96.22	88064	86.15	85040	80.15	85270	79.25	88291	76.65	89288	74.09	86284
364	485.9	4381.7	182		94.00	88064	85.44	85040	81.70	85270	79.69	89288	77.99	88291	75.49	86107
365	486.9	4381.7	183		96.71	88064	85.68	85040	83.52	89288	83.23	85270	80.22	86107	77.58	88291
366	487.9	4381.7	184		99.16	88064	86.97	85040	84.07	85270	83.51	89288	81.93	86107	76.77	88291
367	488.9	4381.7	185		98.50	88064	87.57	85040	86.81	89288	86.24	85270	82.32	86107	76.44	89344
368	489.9	4381.7	186		100.38	88064	89.20	89288	88.16	86107	87.52	85270	87.23	85040	78.00	89344
369	490.9	4381.7	187		103.51	88064	90.87	89288	89.02	85270	83.97	85040	83.40	86107	80.58	89344
370	491.9	4381.7	188		105.58	88064	93.26	89288	91.40	85270	86.89	86107	83.47	85040	81.18	89344
371	492.9	4381.7	189		107.83	88064	95.37	86107	92.13	89288	89.05	85270	83.57	85007	81.89	85040
372	493.9	4381.7	190		106.87	88064	93.54	89288	87.45	85270	86.38	86107	82.69	85007	80.97	85040
373	494.9	4381.7	191		108.07	88064	93.00	89288	90.26	86107	89.09	85270	81.17	85326	80.62	85007
374	495.9	4381.7	192		107.14	88064	93.84	89288	92.25	85270	86.32	86107	81.86	85007	81.49	89344
375	496.9	4381.7	193		105.69	88064	94.40	86107	92.34	85270	91.59	89288	83.74	85007	82.75	85326
376	497.9	4381.7	194		107.78	88064	96.52	89288	92.62	86107	91.31	85270	87.89	85007	84.41	88003
377	498.9	4381.7	195		105.59	88064	94.70	89288	94.05	86107	92.57	85270	92.31	88003	91.96	85007
378	499.9	4381.7	196		108.41	88064	105.82	86107	95.26	89288	92.29	85007	90.81	88003	87.39	85270
379	500.9	4381.7	197		112.01	86107	105.04	88064	100.72	85007	95.43	88003	93.02	89288	92.15	85326
380	501.9	4381.7	198		113.14	88064	101.29	85007	100.77	88003	93.64	89288	92.22	85326	89.55	86107

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
381	502.9	4381.7	199	115.06	88064	104.63	88003	98.39	85007	97.16	85326	94.53	86107	91.32	89288
382	503.9	4381.7	200	115.15	88064	113.79	88003	95.77	85007	95.27	85326	90.26	89288	88.54	85270
383	504.9	4381.7	201	107.69	88064	105.37	88003	96.83	85326	96.24	86107	90.29	85007	89.13	85270
384	505.9	4381.7	202	104.39	88003	104.33	88064	97.04	85326	94.78	85007	89.76	89051	88.89	86107
385	506.9	4381.7	203	105.11	88064	104.78	88003	96.96	85326	92.77	85007	90.72	89051	90.29	86107
386	507.9	4381.7	204	103.82	88064	102.90	88003	98.31	85326	96.62	85007	90.78	86107	88.43	89288
387	508.9	4381.7	205	112.60	88003	103.07	85007	102.71	88064	100.37	85326	91.14	87352	87.86	89051
388	509.9	4381.7	206	116.23	88003	101.37	85007	100.65	88064	99.76	85326	97.07	89051	89.65	87352
389	510.9	4381.7	207	106.20	88003	93.66	85326	90.95	88340	90.64	85007	89.69	89051	87.26	88021
390	511.9	4381.7	208	92.25	88003	85.61	85326	82.67	88340	81.74	85332	81.21	88354	80.92	86346
391	512.9	4381.7	209	85.42	88003	81.90	85326	80.17	85332	78.72	86068	78.35	86107	77.76	88354
432	482.9	4382.7	210	88.25	88064	87.57	85040	80.42	85270	78.75	88291	74.95	86284	74.75	89288
433	483.9	4382.7	211	92.49	88064	87.83	85040	81.01	85270	78.84	88291	76.57	89288	76.08	86284
434	484.9	4382.7	212	95.39	88064	88.33	85040	81.30	85270	79.6	88291	76.67	89288	76.29	86284
435	485.9	4382.7	213	95.21	88064	88.44	85040	83.03	85270	80.71	88291	78.71	89288	76.22	88047
436	486.9	4382.7	214	97.75	88064	89.48	85040	84.67	85270	82.58	89288	81.36	88291	79.75	86107
437	487.9	4382.7	215	100.98	88064	88.03	85040	85.11	85270	83.87	89288	83.09	86107	79.15	88291
438	488.9	4382.7	216	100.39	88064	88.40	85040	87.02	85270	86.13	89288	82.08	86107	78.33	88291
439	489.9	4382.7	217	100.77	88064	88.97	85270	88.91	85040	88.67	86107	87.78	89288	78.11	89344
440	490.9	4382.7	218	103.83	88064	91.03	89288	89.87	85270	87.68	85040	84.08	86107	80.35	89344
441	491.9	4382.7	219	105.98	88064	93.23	89288	92.47	85270	86.32	86107	85.51	85040	83.28	89344
442	492.9	4382.7	220	107.45	88064	95.04	86107	91.07	89288	90.56	85270	84.00	85007	83.02	85040
443	493.9	4382.7	221	106.85	88064	93.07	89288	88.88	85270	85.26	86107	81.73	85007	79.68	85040
444	494.9	4382.7	222	108.81	88064	92.39	89288	89.58	86107	88.73	85270	79.92	85326	79.82	85007
445	495.9	4382.7	223	108.82	88064	95.46	89288	92.15	85270	87.19	86107	82.79	85007	82.20	89344
446	496.9	4382.7	224	108.07	88064	95.20	86107	92.98	85270	92.9	89288	85.14	85007	84.28	85326
447	497.9	4382.7	225	110.56	88064	96.02	89288	91.80	85270	91.71	86107	89.13	85007	85.09	88003
448	498.9	4382.7	226	106.95	88064	95.40	89288	95.17	86107	93.03	88003	92.99	85007	92.49	85270
449	499.9	4382.7	227	108.94	88064	104.57	86107	94.82	89288	93.88	85007	91.91	88003	88.38	85326
450	500.9	4382.7	228	113.26	86107	106.54	88064	103.18	85007	96.81	88003	93.48	89288	92.81	85326
451	501.9	4382.7	229	113.79	88064	104.68	85007	104.13	88003	94.01	89288	93.60	85326	89.57	86107
452	502.9	4382.7	230	115.16	88064	108.46	88003	101.20	85007	98.56	85326	93.15	86107	91.63	89288
453	503.9	4382.7	231	115.88	88064	115.07	88003	97.06	85007	95.93	85326	90.34	85270	89.46	89288
454	504.9	4382.7	232	106.48	88064	106.41	88003	97.06	85326	93.49	86107	93.35	85007	89.29	85270
455	505.9	4382.7	233	105.76	88064	105.48	88003	96.51	85326	95.58	85007	92.02	89051	88.00	86107
456	506.9	4382.7	234	106.39	88003	105.54	88064	97.45	85326	94.35	85007	91.44	89051	90.86	86107
457	507.9	4382.7	235	107.06	88003	105.89	88064	100.50	85007	100.15	85326	90.73	86107	89.82	85270
458	508.9	4382.7	236	118.56	88003	113.41	85007	107.68	88064	104.48	85326	97.95	87352	95.40	89051
459	509.9	4382.7	237	124.81	88003	107.89	85007	103.47	85326	102.42	88064	101.87	89051	98.17	88340
460	510.9	4382.7	238	102.80	88003	91.92	85326	90.78	85007	89.08	88340	88.03	89051	87.40	86346
461	511.9	4382.7	239	91.88	88003	86.95	85326	84.64	86068	84.19	85007	82.15	85332	81.85	88064
462	512.9	4382.7	240	87.32	88003	84.54	85326	82.14	86068	81.13	85332	79.12	85007	77.39	88064
503	482.9	4383.7	241	90.21	88064	89.33	85040	80.93	85270	78.64	88291	77.34	88047	73.78	89288
504	483.9	4383.7	242	93.17	88064	89.50	85040	82.62	85270	79.47	88291	77.68	88047	75.92	89288
505	484.9	4383.7	243	95.80	88064	89.94	85040	82.08	85270	80.63	88291	78.16	88047	77.20	89288
506	485.9	4383.7	244	95.47	88064	89.48	85040	83.74	85270	80.91	88291	78.88	88047	78.80	89288
507	486.9	4383.7	245	99.50	88064	90.98	85040	85.55	85270	82.59	88291	81.35	89288	80.78	88047
508	487.9	4383.7	246	102.09	88064	90.98	85040	86.07	85270	83.85	89288	83.02	86107	82.70	88291
509	488.9	4383.7	247	103.74	88064	91.43	85040	88.78	85270	87.2	89288	84.50	86107	82.80	89344
510	489.9	4383.7	248	103.31	88064	91.68	85040	90.11	85270	89.54	86107	86.70	89288	83.06	85007
511	490.9	4383.7	249	103.85	88064	92.08	85040	91.24	85270	90.32	89288	85.12	86107	81.91	89344

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
512	491.9	4383.7	250	107.30	88064	93.16	89288	92.49	85270	91.56	85040	86.50	86107	86.11	89344
513	492.9	4383.7	251	105.69	88064	94.55	86107	92.48	85270	90.74	89288	88.09	85040	85.40	85007
514	493.9	4383.7	252	107.37	88064	92.92	89288	89.96	85270	85.01	86107	84.73	85040	82.97	85007
515	494.9	4383.7	253	110.32	88064	93.45	89288	91.63	86107	90.22	85270	84.83	85040	83.65	85007
516	495.9	4383.7	254	110.13	88064	95.33	89288	93.15	85270	86.99	86107	85.32	85007	83.98	85040
517	496.9	4383.7	255	109.67	88064	97.34	86107	96.94	85270	94.99	89288	87.87	85007	86.07	85326
518	497.9	4383.7	256	113.00	88064	96.11	89288	94.61	85270	93.36	85007	92.41	86107	88.00	88003
519	498.9	4383.7	257	110.12	88064	96.44	89288	95.83	86107	94.62	85007	94.01	85270	93.82	88003
520	499.9	4383.7	258	109.97	88064	105.30	86107	96.06	85007	94.59	89288	93.02	88003	90.60	85270
521	500.9	4383.7	259	114.05	86107	109.66	88064	104.36	85007	97.3	88003	93.28	89288	93.24	85326
522	501.9	4383.7	260	114.97	88064	104.90	88003	102.48	85007	94.22	85326	92.50	89288	88.95	86107
523	502.9	4383.7	261	112.91	88064	106.75	88003	97.02	85007	96.27	85326	92.69	86107	89.88	89288
524	503.9	4383.7	262	115.72	88064	112.16	88003	95.24	85326	93.35	85007	89.74	85270	88.49	89051
525	504.9	4383.7	263	103.91	88003	102.30	88064	94.70	85326	92.52	86107	88.88	85007	88.11	85270
526	505.9	4383.7	264	104.27	88064	102.87	88003	94.47	85326	91.32	89051	90.81	85007	86.73	85270
527	506.9	4383.7	265	104.93	88003	103.95	88064	96.49	85326	91.65	85007	91.52	86107	89.27	89051
528	507.9	4383.7	266	108.99	88003	107.09	88064	100.75	85326	99.14	85007	92.18	86107	91.70	87352
529	508.9	4383.7	267	120.85	88003	112.00	85007	110.03	88064	106.74	85326	102.33	87352	99.13	89051
530	509.9	4383.7	268	125.53	88003	105.33	88340	103.98	85007	100.51	85326	99.62	88064	99.55	87352
531	510.9	4383.7	269	95.80	88003	88.85	85326	85.39	88340	84.88	88064	83.45	86346	83.36	86068
532	511.9	4383.7	270	90.57	88003	85.16	85326	82.80	86068	81.43	85332	81.18	88064	79.33	88354
533	512.9	4383.7	271	84.99	88003	82.92	85326	81.30	86068	79.8	86107	79.07	85332	77.25	88064
574	482.9	4384.7	272	95.22	85040	90.83	88064	82.74	85270	80.21	88291	77.57	88047	74.85	86284
575	483.9	4384.7	273	94.99	85040	92.69	88064	84.70	85270	79.89	88291	77.92	88047	75.32	86284
576	484.9	4384.7	274	95.32	88064	94.92	85040	83.83	85270	79.61	88291	78.01	88047	76.60	89288
577	485.9	4384.7	275	95.46	88064	94.80	85040	85.01	85270	81.17	88291	79.15	89288	79.14	88047
578	486.9	4384.7	276	103.40	88064	95.87	85040	86.80	85270	82.98	88291	81.79	88047	80.57	89288
579	487.9	4384.7	277	102.37	88064	94.09	85040	87.07	85270	83.44	86107	83.41	89288	82.78	88047
580	488.9	4384.7	278	106.46	88064	95.08	85040	89.39	85270	85.19	88047	84.52	89288	83.86	88291
581	489.9	4384.7	279	105.74	88064	93.89	85040	90.12	85270	89.46	86107	86.12	89288	84.12	88047
582	490.9	4384.7	280	103.96	88064	93.21	85040	90.37	85270	87.64	89288	84.66	86107	82.85	88047
583	491.9	4384.7	281	105.69	88064	93.63	85040	92.03	85270	91.74	89288	87.75	86107	84.70	89344
584	492.9	4384.7	282	103.06	88064	95.14	86107	92.49	85270	89.81	89288	89.31	85040	84.38	85007
585	493.9	4384.7	283	105.89	88064	91.99	89288	90.72	85270	88.31	85040	84.34	86107	81.82	85007
586	494.9	4384.7	284	109.35	88064	91.96	89288	91.94	86107	89.63	85270	85.33	85040	81.50	85007
587	495.9	4384.7	285	109.84	88064	93.77	89288	91.79	85270	86.52	86107	85.27	85040	80.56	85007
588	496.9	4384.7	286	110.33	88064	99.01	86107	97.85	85270	95.24	89288	85.83	85326	85.35	85007
589	497.9	4384.7	287	115.00	88064	97.35	89288	97.16	85007	97.05	85270	96.16	86107	91.27	88003
590	498.9	4384.7	288	112.42	88064	99.39	85007	98.49	86107	98.25	89288	97.48	88003	96.61	85270
591	499.9	4384.7	289	111.42	88064	106.82	86107	99.24	85007	95.61	88003	95.08	89288	94.07	85270
592	500.9	4384.7	290	117.28	86107	112.38	88064	107.09	85007	99.05	88003	95.12	85326	94.00	89288
593	501.9	4384.7	291	116.57	88064	104.87	88003	103.87	85007	94.78	85326	92.36	89288	90.34	86107
594	502.9	4384.7	292	113.72	88064	105.20	88003	96.10	85007	94.82	85326	92.65	86107	89.48	85270
595	503.9	4384.7	293	115.09	88064	109.63	88003	94.69	85326	92.32	85007	88.93	85270	87.76	89051
596	504.9	4384.7	294	100.91	88064	100.85	88003	93.24	85326	91.57	86107	86.72	85270	86.43	85007
597	505.9	4384.7	295	102.21	88064	100.07	88003	91.97	85326	89.14	89051	87.31	85007	86.11	85270
598	506.9	4384.7	296	101.65	88003	101.20	88064	94.70	85326	89.71	86107	88.04	85007	85.86	85270
599	507.9	4384.7	297	107.74	88003	107.51	88064	101.54	85326	99.21	85007	94.00	86107	93.21	87352
600	508.9	4384.7	298	122.66	88003	109.08	85007	108.40	88064	106.22	85326	105.39	87352	103.03	88340
601	509.9	4384.7	299	115.10	88003	96.46	88064	95.39	88340	94.68	85007	94.50	85326	93.07	87352
602	510.9	4384.7	300	92.59	88003	86.81	85326	84.03	88064	81.97	86068	80.75	85332	78.69	85007

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
603	511.9	4384.7	301	86.71	88003	82.20	85326	82.11	86068	79.73	88064	78.59	85332	77.65	88354
604	512.9	4384.7	302	84.78	88003	81.57	86068	81.54	85326	78.48	86107	77.59	88064	76.98	85332
645	482.9	4385.7	303	97.02	85040	92.68	88064	84.64	85270	82.44	88291	82.27	88047	75.40	86284
646	483.9	4385.7	304	96.92	85040	94.53	88064	85.84	85270	83.11	88047	82.50	88291	74.81	89288
647	484.9	4385.7	305	94.98	85040	94.21	88064	86.46	85270	81.18	88047	80.72	88291	74.87	86284
648	485.9	4385.7	306	96.17	85040	94.48	88064	87.85	85270	83.09	88047	81.61	88291	79.31	89288
649	486.9	4385.7	307	101.52	88064	96.09	85040	88.19	85270	86.23	88047	83.16	88291	80.83	89288
650	487.9	4385.7	308	106.81	88064	94.40	85040	88.46	85270	85.95	88047	84.78	88291	82.97	86107
651	488.9	4385.7	309	106.73	88064	93.15	85040	89.76	85270	85.7	88047	84.08	89288	82.11	88291
652	489.9	4385.7	310	108.63	88064	92.83	85040	90.35	85270	89.05	86107	85.78	89288	85.49	88047
653	490.9	4385.7	311	106.16	88064	92.32	85040	90.67	85270	86.97	89288	84.73	88047	84.62	86107
654	491.9	4385.7	312	108.18	88064	92.99	85040	92.57	85270	90.23	89288	87.20	86107	86.30	88047
655	492.9	4385.7	313	102.49	88064	93.82	86107	90.61	85270	88.34	89288	87.88	85040	83.24	85007
656	493.9	4385.7	314	104.51	88064	89.96	89288	89.64	85270	85.08	85040	82.64	86107	79.81	88047
657	494.9	4385.7	315	108.30	88064	91.06	89288	90.79	86107	89.15	85270	83.59	85040	79.25	85007
658	495.9	4385.7	316	107.93	88064	93.62	89288	91.05	85270	85.63	86107	83.75	85040	81.40	85007
659	496.9	4385.7	317	110.29	88064	97.20	86107	96.33	85270	96.17	89288	86.41	85007	86.07	85326
660	497.9	4385.7	318	115.21	88064	97.11	85270	95.18	89288	95.06	85007	93.16	86107	93.16	88003
661	498.9	4385.7	319	114.30	88064	99.24	89288	98.86	86107	98.58	88003	98.28	85270	97.54	85007
662	499.9	4385.7	320	113.98	88064	106.70	86107	103.60	85007	102.06	88003	96.53	89288	94.80	85270
663	500.9	4385.7	321	119.50	86107	114.37	88064	110.59	85007	102.21	88003	97.36	85326	94.97	89288
664	501.9	4385.7	322	118.10	88064	109.32	88003	108.66	85007	96.61	85326	92.83	89288	91.85	86107
665	502.9	4385.7	323	112.02	88064	109.51	88003	100.25	85007	96.64	85326	92.81	86107	91.15	85270
666	503.9	4385.7	324	116.56	88064	110.61	88003	96.23	85326	95.92	85007	89.81	85270	89.09	89051
667	504.9	4385.7	325	102.99	88003	102.85	88064	93.55	85326	92.61	86107	90.58	85007	89.03	85270
668	505.9	4385.7	326	103.28	88064	101.18	88003	92.93	85326	91.42	85007	89.38	89051	88.14	85270
669	506.9	4385.7	327	104.81	88003	103.28	88064	97.10	85326	94.17	85007	89.69	86107	88.27	85270
670	507.9	4385.7	328	113.74	88003	110.49	88064	108.56	85007	106.97	85326	100.83	87352	95.97	87356
671	508.9	4385.7	329	126.11	88003	117.14	85007	113.79	88340	112.26	87352	110.47	88064	106.84	85326
672	509.9	4385.7	330	114.41	88003	102.83	85007	97.05	85326	96.63	88064	95.77	88340	94.53	87352
673	510.9	4385.7	331	91.10	88003	86.38	85326	84.79	86068	83.92	88064	80.78	85007	79.80	85332
674	511.9	4385.7	332	86.28	88003	82.66	86068	81.02	85326	80	88064	77.78	85332	77.24	85007
675	512.9	4385.7	333	82.96	88003	81.96	86068	80.75	85326	77.63	88064	77.17	86107	76.00	85332
716	482.9	4386.7	334	100.25	85040	92.81	88064	88.13	88047	85.41	85270	84.38	88291	76.97	86284
717	483.9	4386.7	335	96.91	85040	93.67	88064	87.86	88047	85.73	85270	82.89	88291	75.53	86284
718	484.9	4386.7	336	96.74	85040	94.35	88064	87.94	85270	85.98	88047	83.28	88291	75.63	86284
719	485.9	4386.7	337	98.95	85040	95.75	88064	88.30	88047	88.21	85270	83.37	88291	78.38	89288
720	486.9	4386.7	338	100.07	88064	97.19	85040	88.14	85270	85.86	88047	83.73	88291	79.54	89288
721	487.9	4386.7	339	103.65	88064	95.81	85040	88.99	85270	86.11	88047	83.36	88291	80.82	89288
722	488.9	4386.7	340	106.25	88064	94.15	85040	89.96	85270	85.8	88047	83.38	88291	82.67	89288
723	489.9	4386.7	341	108.46	88064	94.96	85040	91.15	85270	86.82	86107	86.61	88047	84.59	89288
724	490.9	4386.7	342	108.58	88064	93.18	85040	91.16	85270	85.91	88047	85.20	89288	84.64	86107
725	491.9	4386.7	343	109.66	88064	93.54	85040	92.44	85270	87.87	89288	87.03	88047	86.79	86107
726	492.9	4386.7	344	103.47	88064	95.93	86107	90.67	85040	90.49	85270	88.67	89288	83.08	85007
727	493.9	4386.7	345	105.64	88064	90.80	85270	89.63	89288	88.32	85040	83.83	86107	81.72	85007
728	494.9	4386.7	346	109.29	88064	91.06	86107	90.49	85270	90.18	89288	87.66	85040	80.71	85007
729	495.9	4386.7	347	110.55	88064	94.70	89288	91.77	85270	87.31	85040	86.41	86107	84.70	85007
730	496.9	4386.7	348	111.13	88064	99.33	86107	96.28	89288	95.9	85270	90.62	85007	88.63	85040
731	497.9	4386.7	349	112.62	88064	96.37	85270	94.25	89288	93.81	85007	92.44	88003	91.67	86107
732	498.9	4386.7	350	113.78	88064	98.36	89288	97.96	85270	97.01	86107	94.45	88003	93.55	85007
733	499.9	4386.7	351	114.33	88064	106.20	86107	104.87	88003	102.73	85007	96.39	89288	94.61	85270

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
734	500.9	4386.7	352	120.19	86107	115.12	88064	107.38	85007	102.21	88003	97.36	85326	94.51	89288
735	501.9	4386.7	353	117.57	88064	109.83	88003	106.72	85007	96.41	85326	93.02	86107	90.80	89288
736	502.9	4386.7	354	112.12	88064	110.61	88003	97.53	85007	95.93	85326	92.92	86107	89.38	85270
737	503.9	4386.7	355	112.84	88064	109.07	88003	94.61	85326	92.62	85007	88.25	85270	87.70	89051
738	504.9	4386.7	356	102.28	88003	99.93	88064	92.82	86107	92.6	85326	88.33	85270	88.02	89051
739	505.9	4386.7	357	102.82	88064	102.30	88003	93.13	85326	88.93	85007	88.76	85270	86.77	89051
740	506.9	4386.7	358	107.22	88003	106.60	88064	98.74	85326	95.08	85007	92.81	86107	91.83	85270
741	507.9	4386.7	359	121.14	88003	112.57	88064	110.89	85007	109.71	85326	107.63	87352	103.14	88340
742	508.9	4386.7	360	126.39	88003	123.23	88340	116.31	85007	115.56	87352	108.71	88064	107.52	85326
743	509.9	4386.7	361	114.44	88003	99.69	87352	99.43	85007	97.26	88064	96.51	86346	94.99	88340
744	510.9	4386.7	362	90.47	88003	85.03	85326	84.19	86068	83.12	88064	80.11	85007	79.80	86107
745	511.9	4386.7	363	86.83	88003	82.91	86068	80.45	88064	80.44	85326	75.52	85007	75.46	88354
746	512.9	4386.7	364	84.03	86068	83.87	88003	81.08	86107	80.43	85326	78.28	88064	75.30	85007
787	482.9	4387.7	365	104.40	85040	92.05	88064	88.75	88047	88.1	88291	86.85	85270	74.03	87314
788	483.9	4387.7	366	99.27	85040	94.49	88064	86.94	88047	84.92	88291	83.42	85270	76.52	89288
789	484.9	4387.7	367	99.79	85040	92.62	88064	88.28	88047	86.51	85270	84.33	88291	75.15	86284
790	485.9	4387.7	368	99.35	85040	92.99	88064	87.77	88047	85.79	85270	84.31	88291	73.87	89288
791	486.9	4387.7	369	98.02	85040	95.84	88064	86.54	85270	86.21	88047	82.71	88291	77.37	89288
792	487.9	4387.7	370	100.74	88064	96.94	85040	87.73	85270	86.09	88047	83.00	88291	79.09	89288
793	488.9	4387.7	371	103.90	88064	96.45	85040	88.71	85270	86.32	88047	82.86	88291	81.58	89288
794	489.9	4387.7	372	105.42	88064	95.50	85040	90.61	85270	86.63	88047	84.89	86107	83.50	89288
795	490.9	4387.7	373	106.22	88064	94.13	85040	90.98	85270	85.54	88047	82.82	89288	82.06	86107
796	491.9	4387.7	374	108.57	88064	93.59	85040	92.81	85270	86.52	88047	84.92	89288	82.70	86107
797	492.9	4387.7	375	106.39	88064	96.68	86107	92.57	85270	91.56	85040	88.35	89288	86.33	88047
798	493.9	4387.7	376	108.49	88064	91.54	85270	91.04	85040	89.52	89288	85.83	88047	85.68	86107
799	494.9	4387.7	377	111.27	88064	92.97	86107	92.68	85270	90.31	89288	89.64	85040	85.98	88047
800	495.9	4387.7	378	112.01	88064	93.15	85270	92.26	89288	90.58	85040	87.47	88003	85.90	85007
801	496.9	4387.7	379	112.15	88064	98.86	86107	95.98	85270	95.51	89288	89.57	85040	87.49	88003
802	497.9	4387.7	380	113.66	88064	98.54	85270	96.32	89288	94.18	85007	94.15	86107	92.72	88003
803	498.9	4387.7	381	115.13	88064	99.77	89288	99.58	85007	98.97	85270	98.04	86107	97.35	88003
804	499.9	4387.7	382	117.91	88064	107.48	85007	106.87	88003	106.65	86107	98.30	89288	96.54	85326
805	500.9	4387.7	383	120.03	86107	114.68	88064	108.34	85007	104.92	88003	97.84	85326	94.54	89288
806	501.9	4387.7	384	117.77	88064	110.19	88003	107.61	85007	97.04	85326	92.78	86107	90.77	89288
807	502.9	4387.7	385	113.38	88064	109.95	88003	97.64	85007	95.49	85326	92.58	86107	89.38	85270
808	503.9	4387.7	386	110.58	88064	107.08	88003	94.74	85326	92.56	85007	88.43	85270	88.17	89051
809	504.9	4387.7	387	100.83	88003	100.05	88064	92.80	85326	92.2	86107	88.60	85270	88.42	85007
810	505.9	4387.7	388	102.13	88003	100.58	88064	93.90	85326	91.87	85007	88.17	85270	84.75	89051
811	506.9	4387.7	389	111.17	88003	107.75	88064	102.46	85326	98.69	85007	95.86	87352	93.18	85270
812	507.9	4387.7	390	122.72	88003	119.90	88340	108.18	87352	106.39	88064	105.28	85326	104.31	88021
813	508.9	4387.7	391	111.17	88003	103.33	88064	101.46	87352	98.53	88340	97.05	85326	94.26	85007
814	509.9	4387.7	392	107.68	88003	97.49	88064	96.63	87352	95.2	85007	92.48	86068	92.32	85326
815	510.9	4387.7	393	97.65	88003	91.44	86068	89.18	85007	87.85	85326	87.21	88064	83.90	87352
816	511.9	4387.7	394	91.34	88003	89.04	86068	82.87	85326	82.05	88064	81.46	85007	76.79	87352
817	512.9	4387.7	395	85.87	88003	84.53	86068	80.00	88064	79.95	85326	79.46	86107	75.92	85332
858	482.9	4388.7	396	96.80	85040	91.81	88047	90.61	88064	85.83	88291	82.97	85270	74.87	86284
859	483.9	4388.7	397	97.24	85040	94.85	88064	92.33	88047	86.11	88291	84.03	85270	74.95	86284
860	484.9	4388.7	398	97.04	85040	93.16	88064	91.37	88047	84.31	85270	83.78	88291	74.45	86284
861	485.9	4388.7	399	94.86	85040	90.01	88064	88.82	88047	83.29	85270	82.06	88291	73.99	86284
862	486.9	4388.7	400	94.92	85040	92.38	88064	89.30	88047	83.62	85270	81.70	88291	74.82	89288
863	487.9	4388.7	401	97.00	85040	95.94	88064	90.51	88047	85.54	85270	81.69	88291	77.68	89288
864	488.9	4388.7	402	100.00	88064	96.97	85040	90.51	88047	87.71	85270	82.17	88291	80.90	89288

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
865	489.9	4388.7	403	105.90	88064	97.53	85040	91.43	88047	91.26	85270	84.61	86107	84.00	89288
866	490.9	4388.7	404	105.45	88064	96.43	85040	91.18	85270	90.71	88047	84.54	89288	82.14	86107
867	491.9	4388.7	405	108.07	88064	97.78	85040	93.90	85270	91.84	88047	85.43	89288	82.33	86107
868	492.9	4388.7	406	108.83	88064	99.42	85040	95.74	85270	95.73	86107	95.60	88047	88.19	89288
869	493.9	4388.7	407	112.75	88064	96.33	85040	94.70	85270	91.7	88047	91.53	85007	90.05	89288
870	494.9	4388.7	408	113.52	88064	97.56	85270	94.17	85040	92.75	86107	92.39	88047	90.48	89288
871	495.9	4388.7	409	115.59	88064	95.59	85270	92.55	89288	91.61	88003	91.16	85007	90.95	85040
872	496.9	4388.7	410	113.79	88064	97.81	85270	97.35	86107	95.97	89288	92.57	85007	92.31	85040
873	497.9	4388.7	411	115.52	88064	100.71	85270	100.24	85007	99.91	88003	95.68	89288	93.44	86107
874	498.9	4388.7	412	117.97	88064	102.66	88003	101.56	85007	100.38	85270	99.70	89288	97.90	87352
875	499.9	4388.7	413	121.64	88064	111.94	85007	109.72	88003	107.31	86107	101.79	89288	100.80	87352
876	500.9	4388.7	414	121.27	86107	119.04	88064	118.44	85007	114.24	88003	102.26	85326	97.59	87352
877	501.9	4388.7	415	121.85	88064	117.94	88003	117.23	85007	100.69	85326	95.75	86107	94.68	87352
878	502.9	4388.7	416	116.98	88003	116.59	88064	108.50	85007	99.9	85326	94.54	86107	91.85	85270
879	503.9	4388.7	417	111.07	88003	110.98	88064	101.29	85007	97.89	85326	93.49	89051	89.49	87352
880	504.9	4388.7	418	106.06	88003	102.15	88064	96.40	85007	95.39	85326	93.16	86107	89.87	85270
881	505.9	4388.7	419	107.71	88003	104.38	88064	102.24	85007	98.67	85326	91.10	87352	90.38	85270
882	506.9	4388.7	420	117.92	88003	109.75	88064	105.92	85326	105.55	85007	102.35	87352	98.03	88340
883	507.9	4388.7	421	119.35	88003	110.25	88340	107.47	87352	105.98	85007	101.18	88064	100.70	88021
884	508.9	4388.7	422	107.23	88003	97.56	88064	96.63	87352	94.43	85007	94.40	85326	93.14	88340
885	509.9	4388.7	423	101.65	88003	95.65	88064	93.75	86068	92.61	87352	90.56	85007	90.39	85326
886	510.9	4388.7	424	96.52	88003	91.67	86068	90.32	88064	89	85007	87.14	85326	86.67	87352
887	511.9	4388.7	425	97.80	88003	91.24	85007	89.47	86068	87.97	88064	85.67	85326	83.50	87352
888	512.9	4388.7	426	91.35	88003	88.70	86068	85.85	85007	83.7	85326	82.12	88064	80.18	87352
929	482.9	4389.7	427	98.58	85040	90.33	88064	89.79	88047	85.98	88291	84.15	85270	75.17	86284
930	483.9	4389.7	428	99.95	85040	95.39	88064	91.12	88047	87.42	88291	84.46	85270	75.68	86284
931	484.9	4389.7	429	98.11	85040	90.72	88064	88.42	88047	85.65	88291	83.75	85270	74.44	86284
932	485.9	4389.7	430	98.37	85040	91.57	88064	88.46	88047	84.51	88291	84.05	85270	73.96	89288
933	486.9	4389.7	431	99.40	85040	94.45	88064	87.72	88047	84.99	85270	83.24	88291	75.02	89288
934	487.9	4389.7	432	98.79	85040	93.83	88064	86.91	88047	86.47	85270	82.96	88291	76.98	86107
935	488.9	4389.7	433	101.34	85040	98.91	88064	89.02	88047	88.88	85270	84.12	88291	79.51	89288
936	489.9	4389.7	434	103.40	85040	103.37	88064	92.14	88047	90.91	85270	85.13	88291	83.81	86107
937	490.9	4389.7	435	105.46	88064	101.16	85040	92.26	88047	91.06	85270	84.31	88291	83.42	89288
938	491.9	4389.7	436	105.21	88064	101.26	85040	93.01	85270	91.7	88047	84.11	89288	83.37	88291
939	492.9	4389.7	437	106.34	88064	102.01	85040	94.83	88047	94.71	85270	94.26	86107	84.80	89288
940	493.9	4389.7	438	110.83	88064	99.59	85040	92.70	85270	90.42	88047	86.99	86107	86.68	89288
941	494.9	4389.7	439	111.00	88064	100.02	85040	96.09	85270	92.95	86107	89.74	88047	88.04	89288
942	495.9	4389.7	440	114.38	88064	95.55	85040	95.14	85270	89.72	88003	89.59	89288	88.32	88047
943	496.9	4389.7	441	113.20	88064	98.09	85270	97.70	85040	97.2	86107	92.65	89288	91.29	88003
944	497.9	4389.7	442	113.97	88064	100.31	85270	95.99	88003	95.11	85040	94.11	89288	94.02	85007
945	498.9	4389.7	443	117.99	88064	102.25	85270	99.98	86107	99.77	89288	99.13	88003	97.29	89024
946	499.9	4389.7	444	120.88	88064	115.50	85007	111.26	86107	110.84	88003	104.17	85326	104.13	87352
947	500.9	4389.7	445	122.57	86107	119.88	88064	116.73	88003	114.12	85007	101.63	85326	100.55	87352
948	501.9	4389.7	446	122.60	88064	116.94	88003	110.49	85007	98.96	85326	98.59	86107	95.04	87352
949	502.9	4389.7	447	119.15	88064	117.69	88003	103.06	85007	99.74	85326	97.28	86107	93.84	87352
950	503.9	4389.7	448	111.22	88003	109.23	88064	96.79	85007	96.47	85326	92.23	89051	89.43	87352
951	504.9	4389.7	449	105.51	88003	102.24	88064	97.18	86107	96.18	85326	92.87	85007	89.23	85270
952	505.9	4389.7	450	112.28	88003	104.69	88064	101.59	85007	100.65	85326	94.01	87352	90.63	86107
953	506.9	4389.7	451	118.29	88003	110.58	88340	104.68	87352	103.68	88064	101.47	85326	98.14	88021
954	507.9	4389.7	452	107.12	88003	99.05	87352	97.07	88064	93.82	85326	93.04	88340	90.02	86346
955	508.9	4389.7	453	104.19	88003	93.60	88064	90.56	87352	89.52	85326	89.43	86068	87.73	88059

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
956	509.9	4389.7	454	93.69	88003	90.38	88064	87.77	86068	85.89	87352	85.57	85326	82.76	86346
957	510.9	4389.7	455	92.50	88003	88.81	88064	87.14	86068	85.61	87352	84.79	86107	84.15	85326
958	511.9	4389.7	456	99.51	88003	90.60	88064	88.39	86068	87.16	85007	86.67	87352	86.40	85326
959	512.9	4389.7	457	93.84	88003	88.24	86068	86.93	86107	83.61	88064	82.73	85007	82.60	85326
1000	482.9	4390.7	458	97.16	85040	90.43	88064	89.82	88047	85.84	85270	83.38	88291	76.76	86284
1001	483.9	4390.7	459	100.89	85040	95.18	88064	93.87	88047	86.43	88291	86.36	85270	77.15	86284
1002	484.9	4390.7	460	99.54	85040	91.78	88047	91.62	88064	85.84	88291	84.41	85270	74.20	86284
1003	485.9	4390.7	461	100.12	85040	92.07	88064	91.35	88047	86.99	85270	86.39	88291	75.17	86284
1004	486.9	4390.7	462	100.19	85040	96.04	88064	91.35	88047	87.63	85270	86.07	88291	75.42	89288
1005	487.9	4390.7	463	100.97	85040	95.29	88064	91.19	88047	87.43	85270	84.75	88291	76.27	86107
1006	488.9	4390.7	464	101.18	85040	97.95	88064	93.44	88047	89.29	85270	84.59	88291	77.42	89288
1007	489.9	4390.7	465	103.23	88064	101.85	85040	96.06	88047	91.29	85270	85.79	88291	81.70	86107
1008	490.9	4390.7	466	104.89	88064	99.64	85040	94.88	88047	91.43	85270	85.25	88291	83.54	89288
1009	491.9	4390.7	467	105.07	88064	97.99	85040	92.78	88047	92.07	85270	83.56	89288	83.53	88291
1010	492.9	4390.7	468	103.23	88064	98.59	85040	93.54	88047	93.33	85270	91.96	86107	84.42	89288
1011	493.9	4390.7	469	109.63	88064	96.83	85040	92.77	85270	90.62	88047	85.17	89288	84.60	86107
1012	494.9	4390.7	470	110.15	88064	97.85	85040	96.26	85270	91	88047	90.98	86107	87.02	89288
1013	495.9	4390.7	471	111.14	88064	97.41	85270	95.47	85040	90.08	88003	89.63	88047	88.09	89288
1014	496.9	4390.7	472	113.04	88064	99.27	85270	94.76	85040	94.03	86107	91.45	89288	90.92	88047
1015	497.9	4390.7	473	112.99	88064	98.66	85270	95.62	88003	94.35	85007	93.71	89288	91.49	85040
1016	498.9	4390.7	474	120.12	88064	105.68	85270	104.74	88003	100.62	85040	99.44	88059	99.08	87352
1017	499.9	4390.7	475	122.54	88064	112.22	85007	111.00	88003	107.2	86107	106.83	87352	104.46	89288
1018	500.9	4390.7	476	122.20	88064	120.35	86107	116.74	88003	115.06	85007	101.08	87352	100.51	85326
1019	501.9	4390.7	477	123.52	88064	121.31	88003	114.32	85007	100.27	85326	97.49	87352	95.21	86107
1020	502.9	4390.7	478	122.44	88064	120.28	88003	107.18	85007	101.04	85326	95.85	87352	95.02	86107
1021	503.9	4390.7	479	115.67	88003	111.26	88064	103.42	85007	98.52	85326	93.84	89051	93.28	87352
1022	504.9	4390.7	480	108.30	88003	104.88	88064	100.26	85326	99.71	85007	95.42	86107	92.10	87352
1023	505.9	4390.7	481	118.69	88003	108.32	85007	107.03	88064	102.51	85326	100.95	87352	96.98	88340
1024	506.9	4390.7	482	117.74	88003	104.87	87352	103.91	88340	100.11	88064	99.19	85007	97.54	88021
1025	507.9	4390.7	483	104.18	88003	94.66	87352	94.50	88064	91.43	85326	91.09	85007	90.32	86068
1026	508.9	4390.7	484	102.06	88003	92.76	88064	89.38	86068	88.98	87352	88.74	85326	88.05	85007
1027	509.9	4390.7	485	96.35	88003	89.59	88064	87.24	86068	84.78	85326	84.77	87352	82.45	85007
1028	510.9	4390.7	486	91.46	88003	89.36	88064	88.34	87352	87.17	86068	85.88	85007	84.91	85326
1029	511.9	4390.7	487	101.90	88003	91.82	86068	89.27	88064	89.16	87352	88.36	85007	86.73	85326
1030	512.9	4390.7	488	90.62	88003	89.61	86068	83.88	88064	80.37	86107	79.72	86329	79.63	85007
1071	482.9	4391.7	489	96.69	85040	93.37	88047	93.13	88064	87.13	85270	81.30	88291	76.64	86284
1072	483.9	4391.7	490	97.64	85040	95.66	88064	94.37	88047	88.27	85270	83.92	88291	77.13	86284
1073	484.9	4391.7	491	96.94	85040	93.22	88064	92.68	88047	86.05	85270	84.52	88291	77.58	86284
1074	485.9	4391.7	492	98.70	85040	94.05	88047	93.92	88064	88.88	85270	87.16	88291	77.15	86284
1075	486.9	4391.7	493	99.35	85040	97.57	88064	95.53	88047	89.06	85270	86.37	88291	76.50	86284
1076	487.9	4391.7	494	98.50	88064	98.37	85040	96.24	88047	89.17	85270	86.04	88291	77.26	86107
1077	488.9	4391.7	495	100.03	85040	99.69	88064	97.82	88047	91.48	85270	86.47	88291	78.49	89288
1078	489.9	4391.7	496	100.96	85040	100.12	88064	98.25	88047	91.15	85270	85.40	88291	81.38	86107
1079	490.9	4391.7	497	105.10	88064	99.55	85040	96.39	88047	91.42	85270	86.26	88291	82.10	89288
1080	491.9	4391.7	498	105.76	88064	99.55	85040	94.68	88047	92.81	85270	85.88	88291	83.48	89288
1081	492.9	4391.7	499	103.55	88064	100.27	85040	95.23	88047	94.9	85270	91.03	86107	85.31	88291
1082	493.9	4391.7	500	110.03	88064	97.72	85040	93.99	85270	92.67	88047	85.19	86107	84.75	89288
1083	494.9	4391.7	501	110.17	88064	97.66	85040	95.34	85270	94.09	88047	92.22	86107	86.70	89288
1084	495.9	4391.7	502	111.38	88064	97.92	85040	97.19	85270	92.46	88047	91.30	88003	88.36	87352
1085	496.9	4391.7	503	112.71	88064	98.32	85040	97.96	85270	93.79	86107	93.50	88047	92.76	88003
1086	497.9	4391.7	504	113.88	88064	98.94	85270	97.00	88003	95.95	85007	95.53	85040	92.66	89288

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1087	498.9	4391.7	505	117.23	88064	103.53	88003	103.29	85270	99.03	85040	98.46	88059	97.92	87352
1088	499.9	4391.7	506	119.53	88064	106.26	88003	104.91	87352	104.27	85007	103.93	86107	103.80	85270
1089	500.9	4391.7	507	124.54	88064	119.59	86107	119.10	88003	118.82	85007	105.00	87352	103.82	85326
1090	501.9	4391.7	508	127.01	88003	123.97	88064	120.19	85007	103.04	85326	102.95	87352	98.69	87327
1091	502.9	4391.7	509	125.92	88064	123.40	88003	112.39	85007	104.26	85326	102.36	87352	96.88	86107
1092	503.9	4391.7	510	122.61	88003	116.59	88064	110.72	85007	103.22	85326	101.31	87352	97.14	89051
1093	504.9	4391.7	511	117.71	88003	112.63	85007	112.01	88064	104.75	85326	102.43	87352	100.93	86107
1094	505.9	4391.7	512	128.74	88003	115.83	88340	114.79	85007	110.94	87352	107.07	88021	107.06	88064
1095	506.9	4391.7	513	109.95	88003	100.51	87352	98.17	88064	94.72	85007	93.65	85326	92.57	88340
1096	507.9	4391.7	514	106.10	88003	94.30	87352	93.37	88064	91.14	85007	90.97	85326	89.72	88340
1097	508.9	4391.7	515	99.16	88003	88.93	88064	87.74	86068	87.11	88059	86.86	87352	85.83	85326
1098	509.9	4391.7	516	91.06	88003	87.60	88064	85.38	86068	83.46	87352	82.38	88059	82.01	85326
1099	510.9	4391.7	517	91.77	88003	87.42	86068	86.68	87352	86.12	88064	84.23	85326	82.13	88059
1100	511.9	4391.7	518	92.22	88003	89.74	86068	84.40	88064	83.75	87352	83.38	86329	80.18	85326
1101	512.9	4391.7	519	86.76	86068	85.21	88003	82.33	88064	80.75	86107	76.74	87352	76.43	86329
1142	482.9	4392.7	520	102.35	85040	93.81	88064	92.96	88047	88.4	85270	80.96	88291	76.04	86284
1143	483.9	4392.7	521	100.86	85040	95.80	88064	92.95	88047	89.99	85270	81.46	88291	75.98	86284
1144	484.9	4392.7	522	97.98	85040	94.66	88064	91.89	88047	88.03	85270	82.13	88291	75.75	86284
1145	485.9	4392.7	523	100.82	85040	94.91	88047	94.91	88064	88.89	85270	85.01	88291	76.55	86284
1146	486.9	4392.7	524	102.18	85040	98.99	88064	96.66	88047	90.64	85270	86.65	88291	77.72	86284
1147	487.9	4392.7	525	103.12	85040	100.46	88064	98.40	88047	91.44	85270	87.11	88291	77.95	86107
1148	488.9	4392.7	526	104.98	85040	101.47	88064	99.64	88047	93.54	85270	88.12	88291	80.50	87314
1149	489.9	4392.7	527	103.75	85040	101.31	88064	97.70	88047	93.33	85270	87.72	88291	82.88	86107
1150	490.9	4392.7	528	103.99	85040	103.97	88064	96.82	88047	93.17	85270	86.64	88291	80.65	86107
1151	491.9	4392.7	529	103.88	88064	102.63	85040	96.20	88047	93.71	85270	86.73	88291	82.46	89288
1152	492.9	4392.7	530	104.74	88064	101.80	85040	96.98	88047	94.87	85270	91.74	86107	86.27	88291
1153	493.9	4392.7	531	109.89	88064	100.02	85040	94.39	88047	93.45	85270	84.97	86107	84.31	88291
1154	494.9	4392.7	532	111.66	88064	100.78	85040	95.17	88047	93.78	85270	92.76	86107	84.84	89288
1155	495.9	4392.7	533	110.83	88064	98.16	85040	96.29	85270	94.39	88047	90.70	88003	88.39	87352
1156	496.9	4392.7	534	113.68	88064	100.92	85040	98.38	85270	95.11	88047	94.28	86107	92.02	88003
1157	497.9	4392.7	535	113.96	88064	98.35	88003	98.05	85270	95.76	85040	93.85	85007	93.70	88047
1158	498.9	4392.7	536	111.58	88064	97.46	85270	97.35	88003	94.16	85040	93.66	88047	93.13	85007
1159	499.9	4392.7	537	115.30	88064	103.48	88003	102.95	85270	102.55	86107	101.09	87352	100.08	85007
1160	500.9	4392.7	538	123.64	88064	120.07	88003	119.92	86107	118.93	85007	108.11	87352	106.08	85326
1161	501.9	4392.7	539	131.22	88003	126.20	88064	126.04	85007	110.2	87352	106.56	87350	105.84	85326
1162	502.9	4392.7	540	130.27	88003	127.93	88064	118.16	85007	109.99	87352	109.83	85326	106.25	88021
1163	503.9	4392.7	541	124.42	88003	115.29	88064	107.77	85007	104.26	87352	102.34	85326	98.81	87350
1164	504.9	4392.7	542	118.50	88003	111.33	88064	104.70	87352	104.56	88340	102.62	85007	102.47	86339
1165	505.9	4392.7	543	122.96	88003	108.02	87352	104.66	85007	103.68	88064	100.52	87351	100.20	88340
1166	506.9	4392.7	544	102.77	88003	95.25	88064	94.27	87352	90.34	85326	88.88	88340	88.15	86107
1167	507.9	4392.7	545	103.91	88003	92.58	88064	90.32	87352	87.6	86068	87.48	85326	87.00	88059
1168	508.9	4392.7	546	96.39	88003	88.29	88064	86.83	86068	85.36	87352	84.43	88059	83.70	85326
1169	509.9	4392.7	547	90.56	88003	88.00	86068	86.06	88064	82.88	87352	82.70	85326	80.17	88059
1170	510.9	4392.7	548	87.84	86068	87.68	88003	83.74	88064	82.92	87352	80.96	85326	79.73	86107
1171	511.9	4392.7	549	89.89	88003	88.38	86068	81.83	87352	81.37	88064	78.89	86329	77.79	85326
1172	512.9	4392.7	550	85.29	86068	82.61	88003	81.64	88064	81.47	86107	76.50	87352	75.94	85326
1213	482.9	4393.7	551	102.68	85040	93.44	88064	92.47	88047	90.36	85270	79.70	88291	76.53	86284
1214	483.9	4393.7	552	102.59	85040	94.76	88047	92.74	88064	90.15	85270	80.08	88291	75.38	85070
1215	484.9	4393.7	553	100.41	85040	94.76	88047	93.11	88064	89.97	85270	79.69	88291	75.52	85070
1216	485.9	4393.7	554	99.64	85040	95.31	88064	95.26	88047	90.2	85270	81.18	88291	76.54	86284
1217	486.9	4393.7	555	101.75	85040	101.13	88064	97.75	88047	93.14	85270	84.97	88291	78.43	86284

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1218	487.9	4393.7	556	102.83	88064	102.69	85040	97.43	88047	93.84	85270	86.41	88291	78.79	86284
1219	488.9	4393.7	557	104.73	85040	103.35	88064	99.40	88047	93.82	85270	87.95	88291	79.04	85070
1220	489.9	4393.7	558	104.63	85040	103.57	88064	99.10	88047	93.75	85270	88.01	88291	81.69	86107
1221	490.9	4393.7	559	104.52	88064	104.48	85040	98.33	88047	93.69	85270	87.98	88291	80.66	87314
1222	491.9	4393.7	560	102.78	85040	102.43	88064	97.35	88047	94.55	85270	87.60	88291	81.30	88059
1223	492.9	4393.7	561	105.40	88064	102.02	85040	98.42	88047	95.95	85270	91.03	86107	87.91	88291
1224	493.9	4393.7	562	111.88	88064	99.65	85040	96.69	88047	94.78	85270	87.56	88003	86.53	88291
1225	494.9	4393.7	563	110.99	88064	100.42	85040	96.07	88047	95.13	85270	91.79	86107	86.22	88291
1226	495.9	4393.7	564	112.20	88064	99.20	85040	96.68	85270	94.48	88047	91.37	88003	87.99	87352
1227	496.9	4393.7	565	114.62	88064	99.62	85270	99.32	85040	96.11	88047	94.30	86107	91.24	88003
1228	497.9	4393.7	566	113.67	88064	97.68	88003	97.05	85270	96.08	88047	95.99	85040	93.62	85007
1229	498.9	4393.7	567	112.70	88064	99.17	85270	98.88	88003	95.35	85040	94.89	88047	94.31	85007
1230	499.9	4393.7	568	115.38	88064	105.34	88003	102.92	85007	102.64	87352	102.36	85270	101.44	86107
1231	500.9	4393.7	569	125.96	88064	124.30	85007	121.47	88003	120.96	86107	112.96	87352	112.62	87350
1232	501.9	4393.7	570	139.01	88003	126.70	85007	123.11	88064	118.6	87352	114.48	87327	111.18	87350
1233	502.9	4393.7	571	123.02	88064	119.02	88003	101.44	87352	101.23	85326	101.09	85007	98.08	88059
1234	503.9	4393.7	572	117.35	88003	109.21	88064	99.73	87352	96.73	85007	96.20	85326	91.33	88340
1235	504.9	4393.7	573	112.76	88003	105.56	88064	100.10	87352	95.87	86107	93.53	88340	93.48	87351
1236	505.9	4393.7	574	114.77	88003	102.33	88064	101.40	87352	98.83	85007	91.73	85326	91.51	88340
1237	506.9	4393.7	575	103.80	88003	94.41	88064	90.87	87352	88.27	85326	87.87	85007	87.16	86068
1238	507.9	4393.7	576	102.56	88003	91.65	88064	89.22	87352	88.34	86068	87.64	85007	86.00	85326
1239	508.9	4393.7	577	97.47	88003	89.81	86068	89.13	88064	87.35	87352	85.91	88059	85.07	85326
1240	509.9	4393.7	578	89.74	88003	88.18	86068	85.77	88064	81.48	87352	80.95	85326	78.92	88059
1241	510.9	4393.7	579	86.46	86068	85.98	88003	83.61	87352	82.7	88064	80.50	85326	79.01	85007
1242	511.9	4393.7	580	90.39	88003	87.47	86068	82.99	87352	82.48	88064	80.19	86329	79.21	85007
1243	512.9	4393.7	581	84.34	86068	84.04	88003	80.77	88064	80.08	86107	78.15	87352	76.15	85007
1284	482.9	4394.7	582	105.64	85040	98.52	88047	94.03	88064	93.08	85270	80.37	88016	79.84	88291
1285	483.9	4394.7	583	100.67	85040	94.21	88047	92.23	85270	91.31	88064	77.18	88291	76.17	88016
1286	484.9	4394.7	584	100.44	85040	95.03	88047	92.44	85270	90.6	88064	79.35	88291	76.37	85070
1287	485.9	4394.7	585	103.54	85040	97.19	88047	95.31	88064	91.97	85270	80.89	88291	77.72	85070
1288	486.9	4394.7	586	103.99	85040	100.81	88064	99.97	88047	94.47	85270	82.90	88291	79.92	85070
1289	487.9	4394.7	587	105.02	88064	104.26	85040	100.54	88047	95.96	85270	84.92	88291	82.36	87314
1290	488.9	4394.7	588	104.79	88064	102.83	85040	99.59	88047	95.17	85270	85.73	88291	80.51	88016
1291	489.9	4394.7	589	105.09	88064	102.64	85040	101.04	88047	96.13	85270	88.16	88291	82.42	88059
1292	490.9	4394.7	590	106.26	88064	103.28	85040	100.08	88047	95.23	85270	88.07	88291	81.90	87314
1293	491.9	4394.7	591	104.19	88064	102.46	85040	100.10	88047	94.56	85270	88.45	88291	82.87	87314
1294	492.9	4394.7	592	106.79	88064	105.03	85040	102.45	88047	97.08	85270	91.47	87314	91.07	88291
1295	493.9	4394.7	593	112.26	88064	101.39	85040	99.38	88047	95.6	85270	90.44	88003	89.28	85007
1296	494.9	4394.7	594	111.86	88064	102.39	85040	99.20	88047	96.41	85270	89.77	86107	88.11	88291
1297	495.9	4394.7	595	112.36	88064	100.19	85040	97.92	88047	96.66	85270	91.16	88003	88.09	87352
1298	496.9	4394.7	596	114.19	88064	100.39	85040	99.33	88047	99.1	85270	94.59	86107	92.26	87352
1299	497.9	4394.7	597	113.56	88064	98.89	85040	97.59	85270	97.15	88003	96.44	88047	95.27	87352
1300	498.9	4394.7	598	115.18	88064	98.87	85270	98.14	88003	97.87	88047	97.59	88059	95.31	85040
1301	499.9	4394.7	599	115.98	88064	106.50	88003	105.44	88059	104.26	88047	103.55	87356	103.19	85007
1302	500.9	4394.7	600	126.32	88064	126.13	88003	122.32	85007	117.8	87352	117.17	86107	114.21	87350
1303	501.9	4394.7	601	131.62	88003	122.90	85007	119.88	88064	116.84	87352	105.86	85326	105.02	87350
1304	502.9	4394.7	602	118.56	88064	114.81	88003	103.70	85007	99.49	87352	99.19	85326	92.37	88021
1305	503.9	4394.7	603	115.73	88003	107.41	88064	98.98	87352	96.26	85007	93.15	85326	88.15	88340
1306	504.9	4394.7	604	110.87	88003	103.66	88064	99.07	87352	93.67	85007	93.08	86107	91.22	88021
1307	505.9	4394.7	605	113.28	88003	101.71	88064	99.56	87352	97.53	85007	91.24	88340	90.90	85326
1308	506.9	4394.7	606	102.00	88003	95.43	88064	90.57	87352	88.92	85007	88.89	86068	87.94	88340

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1309	507.9	4394.7	607	104.58	88003	90.60	88064	89.59	86068	88.83	87352	88.01	88059	85.21	88340
1310	508.9	4394.7	608	92.77	88003	87.54	86068	86.95	88064	85.65	88059	83.28	87352	81.48	85326
1311	509.9	4394.7	609	88.87	88003	86.80	86068	84.79	88064	80.47	87352	80.20	88059	78.74	85326
1312	510.9	4394.7	610	87.27	88003	86.45	86068	82.76	87352	81.25	88064	80.56	88059	79.55	85326
1313	511.9	4394.7	611	86.80	88003	85.01	86068	83.34	87352	80.88	88064	78.89	86329	77.76	86346
1314	512.9	4394.7	612	82.25	86068	82.13	88003	80.84	88064	79.58	86107	76.86	87352	75.02	85326
1355	482.9	4395.7	613	109.25	85040	105.10	88047	92.42	88064	92.15	85270	83.31	88016	83.08	88291
1356	483.9	4395.7	614	105.89	85040	97.53	88047	91.35	88064	91.15	85270	79.57	88016	79.04	88291
1357	484.9	4395.7	615	104.36	85040	97.13	88047	92.31	85270	90.39	88064	79.01	88016	78.62	85070
1358	485.9	4395.7	616	102.95	85040	97.10	88047	94.80	88064	94.72	85270	80.16	88016	79.38	88291
1359	486.9	4395.7	617	106.02	85040	101.62	88047	99.58	88064	96.73	85270	83.94	88291	82.67	88016
1360	487.9	4395.7	618	106.92	85040	105.97	88047	104.37	88064	97.42	85270	86.58	88016	86.12	87314
1361	488.9	4395.7	619	104.03	88064	102.83	85040	101.17	88047	95.07	85270	83.41	88016	83.34	88291
1362	489.9	4395.7	620	104.73	85040	102.84	88064	102.52	88047	95.57	85270	85.52	88291	84.25	88059
1363	490.9	4395.7	621	107.77	88064	105.24	85040	104.04	88047	95.13	85270	87.59	88291	83.55	88059
1364	491.9	4395.7	622	105.49	88064	105.14	85040	102.91	88047	95.08	85270	88.53	88291	84.20	88059
1365	492.9	4395.7	623	107.95	85040	107.52	88064	107.51	88047	98.07	85270	92.30	88059	91.14	88291
1366	493.9	4395.7	624	111.99	88064	104.11	88047	103.09	85040	96.27	85270	89.53	88003	88.73	88291
1367	494.9	4395.7	625	112.19	88064	104.55	88047	102.94	85040	97.89	85270	90.80	86107	89.95	88291
1368	495.9	4395.7	626	113.72	88064	102.79	88047	101.57	85040	96.04	85270	95.11	88003	90.60	87352
1369	496.9	4395.7	627	113.77	88064	103.58	88047	102.09	85040	97.92	85270	96.31	86107	93.74	87352
1370	497.9	4395.7	628	115.58	88064	103.15	88047	100.10	88003	99.18	85040	98.42	87352	97.90	85270
1371	498.9	4395.7	629	118.13	88064	105.79	88047	102.30	88003	101.48	85270	101.16	85007	100.10	88059
1372	499.9	4395.7	630	118.40	88064	114.43	88003	108.46	88059	108.26	85007	107.79	87352	107.27	88047
1373	500.9	4395.7	631	126.01	88003	126.01	88064	123.30	85007	120.14	86107	117.58	87352	110.24	88059
1374	501.9	4395.7	632	132.73	88003	131.09	85007	121.43	88064	121.23	87352	109.30	85326	108.82	87350
1375	502.9	4395.7	633	119.93	88064	119.86	88003	110.44	85007	106.67	87352	100.50	85326	96.75	88340
1376	503.9	4395.7	634	116.79	88003	108.09	88064	104.84	87352	102.6	85007	94.14	85326	92.26	88021
1377	504.9	4395.7	635	115.02	88003	103.25	87352	103.23	88064	101.12	85007	96.04	88340	94.32	85326
1378	505.9	4395.7	636	110.49	88003	99.18	88064	96.30	87352	93.27	85007	92.65	86068	91.36	88340
1379	506.9	4395.7	637	98.04	88003	94.76	88064	90.11	86068	86.63	87352	86.55	86107	86.53	88059
1380	507.9	4395.7	638	102.05	88003	92.18	86068	91.15	88064	88.13	87352	86.36	85007	84.69	88059
1381	508.9	4395.7	639	95.83	88003	90.23	86068	86.72	88064	84.07	88059	83.79	87352	79.80	85326
1382	509.9	4395.7	640	86.92	88003	86.55	86068	82.73	88064	79.48	88059	77.89	87352	77.52	85326
1383	510.9	4395.7	641	84.23	86068	84.20	88003	80.56	88064	80.35	88059	79.03	87352	76.30	86107
1384	511.9	4395.7	642	84.78	86068	84.69	88003	82.62	87352	79.98	88064	76.61	86329	76.24	86107
1385	512.9	4395.7	643	85.37	86068	81.22	88003	80.43	88064	79.48	86107	79.19	87352	76.58	85007
1426	482.9	4396.7	644	108.98	88047	107.94	85040	91.19	85270	88.33	88064	85.58	87314	84.74	88016
1427	483.9	4396.7	645	108.69	88047	107.54	85040	92.44	85270	92.1	88064	87.92	87314	86.89	85328
1428	484.9	4396.7	646	107.23	85040	106.52	88047	93.56	88064	92.52	85270	84.34	85328	83.77	88016
1429	485.9	4396.7	647	107.17	85040	105.29	88047	95.46	88064	93.95	85270	83.37	88016	82.11	85328
1430	486.9	4396.7	648	107.92	85040	107.51	88047	97.72	88064	95.27	85270	85.54	88016	84.14	85328
1431	487.9	4396.7	649	111.87	88047	110.42	85040	102.98	88064	97.94	85270	90.34	85328	89.46	88016
1432	488.9	4396.7	650	110.27	88047	108.11	85040	105.19	88064	96.75	85270	87.27	85328	86.10	88016
1433	489.9	4396.7	651	110.16	88047	107.40	85040	104.42	88064	100.81	85270	91.41	85328	90.57	87314
1434	490.9	4396.7	652	110.10	88047	109.43	88064	106.88	85040	99.35	85270	89.12	88003	88.67	85328
1435	491.9	4396.7	653	108.91	88047	106.69	88064	106.35	85040	98.2	85270	87.56	88291	87.53	87314
1436	492.9	4396.7	654	114.47	88047	110.11	85040	110.10	88064	100.27	85270	97.04	87314	93.79	85328
1437	493.9	4396.7	655	114.94	88064	110.74	88047	107.52	85040	98.84	85270	96.55	88003	96.25	85007
1438	494.9	4396.7	656	115.31	88064	110.51	88047	108.89	85040	101.02	85270	98.23	87314	95.11	88003
1439	495.9	4396.7	657	118.78	88064	110.78	88047	107.04	85040	101.54	88003	98.31	87352	98.29	85270

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1440	496.9	4396.7	658	116.66	88064	114.22	88047	107.82	85040	102.11	87314	100.33	88003	100.03	85270
1441	497.9	4396.7	659	119.29	88064	110.10	88047	107.25	85007	106.66	88003	105.89	87352	104.85	85040
1442	498.9	4396.7	660	121.36	88064	111.88	88003	108.42	85007	107.68	88059	107.53	88047	106.81	85040
1443	499.9	4396.7	661	117.41	88064	116.53	88003	110.48	87352	110.1	85007	109.58	88059	104.97	88047
1444	500.9	4396.7	662	128.21	88003	127.72	88064	126.34	85007	119.96	87352	119.20	86107	118.10	88059
1445	501.9	4396.7	663	138.47	88003	132.17	85007	125.01	87352	122.95	88064	116.28	87327	113.40	87350
1446	502.9	4396.7	664	119.48	88003	117.35	88064	110.25	87352	109.04	85007	98.79	85326	97.58	88340
1447	503.9	4396.7	665	119.95	88003	107.96	88064	107.21	87352	101.35	85007	97.56	87351	97.44	88340
1448	504.9	4396.7	666	108.93	88003	102.41	88064	101.01	87352	98.25	85007	94.10	86107	91.42	86068
1449	505.9	4396.7	667	110.15	88003	99.78	88064	96.62	85007	94.66	87352	91.26	86068	86.88	88340
1450	506.9	4396.7	668	98.39	88003	92.71	88064	87.50	86068	86.43	87352	86.30	88059	85.99	85007
1451	507.9	4396.7	669	100.09	88003	90.22	88064	87.56	87352	87.41	86068	87.39	88059	84.72	85007
1452	508.9	4396.7	670	92.83	88003	86.04	88064	84.11	86068	83.29	88059	80.24	87352	79.27	86107
1453	509.9	4396.7	671	87.14	88003	81.89	88064	81.84	86068	79.03	86107	78.14	87352	76.74	88059
1454	510.9	4396.7	672	84.94	88003	81.37	86068	80.61	88064	80.33	88059	78.79	87352	77.89	86107
1455	511.9	4396.7	673	85.73	88003	83.17	86068	83.17	87352	80.6	88064	78.35	85007	77.01	86107
1456	512.9	4396.7	674	84.01	88003	81.03	87352	81.01	86107	80.79	86068	80.03	88064	77.48	85007
1497	482.9	4397.7	675	113.08	85040	103.26	88047	88.45	85270	86.97	88016	86.59	85070	85.41	88064
1498	483.9	4397.7	676	115.51	85040	106.55	88047	90.28	88016	90.2	85270	89.08	85070	87.52	88064
1499	484.9	4397.7	677	115.73	85040	106.57	88047	92.21	85270	90.36	88016	90.15	87314	90.04	88064
1500	485.9	4397.7	678	114.91	85040	104.33	88047	94.14	88064	93.04	85270	88.26	88016	87.42	85070
1501	486.9	4397.7	679	112.81	85040	103.79	88047	95.04	88064	93.83	85270	87.36	85070	86.49	88016
1502	487.9	4397.7	680	110.46	85040	105.26	88047	95.74	88064	94.7	85270	90.57	88059	88.53	85070
1503	488.9	4397.7	681	107.19	85040	105.49	88047	97.64	88064	94.47	85270	90.96	88059	90.07	85070
1504	489.9	4397.7	682	111.01	85040	110.19	88047	100.96	88064	97.92	88059	96.67	85270	91.55	86354
1505	490.9	4397.7	683	108.24	88047	107.19	85040	104.38	88064	95.94	88059	95.15	85270	89.70	89014
1506	491.9	4397.7	684	108.18	88047	105.34	85040	102.36	88064	96.33	88059	95.39	85270	89.46	85070
1507	492.9	4397.7	685	112.96	88047	108.73	85040	106.23	88064	104.63	88059	97.99	85270	93.09	87270
1508	493.9	4397.7	686	112.55	88047	110.15	88064	104.64	85040	100.23	88059	96.09	85270	92.32	88003
1509	494.9	4397.7	687	115.68	88047	110.14	88064	106.55	85040	102.8	88059	97.02	85270	93.01	86354
1510	495.9	4397.7	688	115.99	88047	112.63	88064	105.89	85040	101.72	88059	96.49	88003	95.08	85270
1511	496.9	4397.7	689	114.85	88064	113.67	88047	107.40	88059	107.26	85040	98.08	87314	97.13	86107
1512	497.9	4397.7	690	118.72	88064	113.80	88047	109.35	88059	106.27	87314	105.46	85040	102.86	87352
1513	498.9	4397.7	691	120.16	88064	113.94	88003	109.79	88047	109.79	88059	108.04	87352	104.19	85040
1514	499.9	4397.7	692	115.13	88064	113.10	88059	111.38	88003	108.7	88047	108.05	86107	107.28	87352
1515	500.9	4397.7	693	131.73	88003	126.25	88064	123.95	86107	123.4	88059	121.30	85007	120.69	87352
1516	501.9	4397.7	694	132.95	88003	128.92	85007	126.19	87352	121.21	88064	113.25	87327	112.11	87350
1517	502.9	4397.7	695	124.06	88003	114.66	88064	114.47	87352	110.3	85007	99.52	85326	99.06	88340
1518	503.9	4397.7	696	115.63	88003	106.44	87352	104.94	88064	98.51	85007	94.05	87351	93.25	86068
1519	504.9	4397.7	697	110.93	88003	102.90	88064	102.45	87352	101.16	86107	98.55	85007	92.87	88059
1520	505.9	4397.7	698	113.51	88003	103.13	85007	101.87	88064	100.45	87352	92.95	86068	92.92	88340
1521	506.9	4397.7	699	101.81	88003	93.39	88064	92.53	86107	87.28	87352	86.15	86068	85.55	88059
1522	507.9	4397.7	700	98.67	88003	91.52	86107	90.05	88064	86.69	87352	86.20	86068	84.92	88059
1523	508.9	4397.7	701	94.91	88003	87.37	88064	87.11	86107	85.23	86068	82.55	88059	81.04	87352
1524	509.9	4397.7	702	89.84	88003	86.04	86107	84.66	86068	83.89	88064	80.60	87352	79.30	88059
1525	510.9	4397.7	703	88.01	88003	85.19	86107	83.57	86068	82.7	88059	80.94	88064	79.76	87352
1526	511.9	4397.7	704	84.53	88003	84.00	86068	83.83	86107	82.74	87352	81.34	88064	78.57	86329
1527	512.9	4397.7	705	87.38	86107	83.67	88003	82.60	86068	81.87	87352	78.11	88064	77.95	86329
1568	482.9	4398.7	706	105.18	85040	104.31	88047	87.88	85070	86.09	85270	82.38	88064	82.34	88016
1569	483.9	4398.7	707	105.81	88047	104.49	85040	87.76	85070	87.1	85270	83.53	88064	82.27	88016
1570	484.9	4398.7	708	107.88	88047	104.54	85040	89.22	85070	88.5	85270	86.22	88064	85.17	88016

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1571	485.9	4398.7	709	107.89	88047	103.99	85040	92.94	88064	91.93	85270	89.77	87314	88.71	85070
1572	486.9	4398.7	710	105.15	88047	102.01	85040	91.67	88064	90.79	85270	87.85	85070	83.78	88059
1573	487.9	4398.7	711	105.96	88047	101.85	85040	90.37	88064	90.35	85270	87.52	85070	84.09	88059
1574	488.9	4398.7	712	106.81	88047	103.94	85040	94.57	88064	91.49	85270	88.77	88059	87.28	85070
1575	489.9	4398.7	713	109.55	88047	103.04	85040	97.62	88064	93.94	88059	93.50	85270	89.05	85070
1576	490.9	4398.7	714	108.53	88047	101.31	85040	100.38	88064	93.14	85270	92.80	88059	88.31	85070
1577	491.9	4398.7	715	109.61	88047	102.85	85040	99.19	88064	93.8	85270	92.68	88059	89.28	85070
1578	492.9	4398.7	716	114.50	88047	104.89	88064	102.87	85040	98.17	88059	96.19	85270	90.44	85070
1579	493.9	4398.7	717	116.32	88047	110.49	88064	101.41	85040	96.77	88059	95.68	85270	93.17	88003
1580	494.9	4398.7	718	117.40	88047	107.90	88064	102.18	85040	97.48	88059	96.20	85270	95.93	88003
1581	495.9	4398.7	719	112.28	88047	110.42	88064	101.50	85040	96.69	88003	95.65	85270	94.81	88059
1582	496.9	4398.7	720	113.54	88047	111.93	88064	103.40	85040	100.67	88059	96.80	85270	95.74	88003
1583	497.9	4398.7	721	118.18	88064	115.57	88047	109.80	88059	106.04	85040	105.53	87314	105.19	88003
1584	498.9	4398.7	722	119.09	88064	114.70	88003	109.40	88047	109.14	88059	109.11	87352	104.15	85040
1585	499.9	4398.7	723	122.10	88064	117.07	88059	116.54	87314	116.12	88003	114.17	87356	112.99	88047
1586	500.9	4398.7	724	143.91	88003	132.02	85007	130.37	88064	130.35	87352	126.12	87350	126.05	88059
1587	501.9	4398.7	725	139.11	88003	130.91	85007	127.52	87352	126.38	88064	124.56	87350	120.87	87327
1588	502.9	4398.7	726	130.27	88003	120.57	87352	115.44	88064	112.46	85007	108.56	87351	105.42	87350
1589	503.9	4398.7	727	121.27	88003	109.44	87352	105.43	88064	102.65	85007	96.23	87351	95.94	88340
1590	504.9	4398.7	728	114.98	88003	104.22	87352	101.79	88064	101.58	88059	99.51	88340	98.44	87351
1591	505.9	4398.7	729	112.60	88003	100.60	88064	98.54	87352	96.13	85007	91.89	86329	90.75	87351
1592	506.9	4398.7	730	101.90	88003	92.76	88064	88.02	88059	87.12	87352	85.36	85007	84.44	86107
1593	507.9	4398.7	731	101.97	88003	91.83	88064	89.22	88059	87.31	87352	86.43	86068	85.25	85007
1594	508.9	4398.7	732	98.06	88003	88.93	88064	86.47	86068	85.59	88059	84.31	87352	81.35	85007
1595	509.9	4398.7	733	94.04	88003	86.31	88064	85.05	86068	82.87	87352	81.92	88059	81.76	86107
1596	510.9	4398.7	734	90.44	88003	85.47	86068	84.43	88059	83.36	88064	81.87	87352	79.93	86107
1597	511.9	4398.7	735	88.60	88003	84.80	86068	83.75	87352	82.75	88064	79.55	86107	79.31	85007
1598	512.9	4398.7	736	85.89	88003	84.87	86068	84.55	87352	81.28	86107	80.60	85007	78.32	88064
1639	482.9	4399.7	737	102.10	85040	97.91	88047	86.74	85070	84.25	85270	83.53	88016	80.08	88064
1640	483.9	4399.7	738	103.03	85040	99.74	88047	86.84	85070	83.8	85270	83.55	88016	79.17	88064
1641	484.9	4399.7	739	103.71	85040	101.09	88047	88.92	85070	84.23	85270	83.44	88016	81.59	88064
1642	485.9	4399.7	740	107.34	85040	106.86	88047	92.11	85070	89.6	88059	88.65	88064	87.83	88016
1643	486.9	4399.7	741	106.47	85040	105.35	88047	93.41	88064	90.47	88059	89.98	85070	89.44	85270
1644	487.9	4399.7	742	105.81	85040	103.73	88047	90.43	88064	90.32	85070	88.89	88059	88.48	85270
1645	488.9	4399.7	743	107.22	85040	105.11	88047	93.20	88059	91.95	85070	90.97	88064	89.82	85270
1646	489.9	4399.7	744	107.22	85040	106.94	88047	97.45	88059	92.86	85070	92.67	88064	92.36	85270
1647	490.9	4399.7	745	106.86	88047	104.20	85040	96.67	88064	94.48	88059	92.63	85070	91.27	85270
1648	491.9	4399.7	746	109.28	88047	102.17	85040	95.91	88064	95.87	88059	92.35	85270	91.84	85070
1649	492.9	4399.7	747	111.74	88047	105.80	85040	104.08	88059	101.06	88064	95.09	85270	92.75	85070
1650	493.9	4399.7	748	109.29	88047	108.20	88064	106.98	85040	106.57	88059	96.91	85270	94.47	88003
1651	494.9	4399.7	749	107.01	88047	106.73	88064	101.86	88059	101.83	85040	94.49	85270	93.48	89014
1652	495.9	4399.7	750	106.30	88064	106.29	88047	100.39	85040	99.85	88059	93.82	85270	93.80	88003
1653	496.9	4399.7	751	109.23	88047	108.66	88064	106.04	88059	102.66	85040	95.86	85270	94.82	87270
1654	497.9	4399.7	752	114.61	88064	113.28	88047	110.60	88059	106.19	85040	102.45	87314	101.49	88003
1655	498.9	4399.7	753	116.09	88064	112.38	88059	110.13	88047	107.92	87352	107.46	88003	106.41	85040
1656	499.9	4399.7	754	130.28	88059	123.60	88064	122.62	87314	120.98	88003	117.80	87350	117.17	87352
1657	500.9	4399.7	755	142.36	88003	133.78	88059	132.54	87352	130.3	88340	127.23	87351	125.93	85007
1658	501.9	4399.7	756	128.04	88003	121.93	88064	120.37	87351	120.08	87352	117.25	88059	116.55	87333
1659	502.9	4399.7	757	119.10	88003	113.17	87352	108.64	87351	108.42	88064	105.78	88059	100.52	86351
1660	503.9	4399.7	758	113.59	88003	102.20	87352	101.23	88064	95.32	87351	94.07	88059	91.67	87337
1661	504.9	4399.7	759	108.21	88003	96.87	88059	95.45	88064	94.98	87352	89.64	87351	88.94	86107

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1662	505.9	4399.7	760	105.70	88003	96.10	88064	93.25	87352	87.21	88059	86.64	86329	86.51	85007
1663	506.9	4399.7	761	101.42	88003	90.23	88064	89.58	88059	84.85	86107	83.86	87352	81.61	87270
1664	507.9	4399.7	762	98.42	88003	91.27	88059	91.17	88064	87.08	86107	85.53	87352	82.92	87270
1665	508.9	4399.7	763	99.23	88003	88.31	88064	87.69	88059	83.53	87352	82.93	86068	82.59	86107
1666	509.9	4399.7	764	91.87	88003	85.13	88059	84.80	88064	83	86107	79.62	86068	79.29	86329
1667	510.9	4399.7	765	89.29	88003	86.97	88059	82.87	88064	82.43	86107	80.46	86068	79.85	86329
1668	511.9	4399.7	766	88.08	88003	83.93	88064	81.80	86107	80.86	88059	80.79	86329	80.61	87352
1669	512.9	4399.7	767	88.78	88003	85.34	86107	81.87	87352	80.68	86329	80.17	86068	78.29	88064
1710	482.9	4400.7	768	100.36	85040	97.46	88047	89.43	85070	83.33	85270	79.88	88016	79.60	88064
1711	483.9	4400.7	769	100.63	85040	98.51	88047	89.76	85070	83.52	85270	80.03	88016	79.54	88064
1712	484.9	4400.7	770	102.64	85040	99.66	88047	89.59	85070	84.92	85270	81.24	88016	81.07	88064
1713	485.9	4400.7	771	105.70	85040	103.17	88047	92.24	85070	85.19	85270	85.11	88059	84.52	88064
1714	486.9	4400.7	772	110.36	88047	110.00	85040	96.80	88059	95.31	85070	91.18	88064	89.19	85270
1715	487.9	4400.7	773	104.46	88047	103.75	85040	92.87	85070	92.71	88064	90.55	88059	89.24	85270
1716	488.9	4400.7	774	105.82	88047	101.64	85040	94.16	85070	91.36	88064	90.94	88059	90.15	85270
1717	489.9	4400.7	775	108.63	88047	102.43	85040	96.61	88059	93.69	85070	90.65	88064	90.07	85270
1718	490.9	4400.7	776	107.63	88047	99.52	85040	94.46	88059	91.44	88064	91.22	85070	88.28	85270
1719	491.9	4400.7	777	105.10	88047	98.28	85040	95.14	88059	92.16	88064	89.91	85070	88.78	85270
1720	492.9	4400.7	778	107.01	88047	100.95	88059	99.48	85040	97.45	88064	92.15	85270	89.98	85070
1721	493.9	4400.7	779	104.35	88047	102.36	88064	99.77	88059	98.68	85040	90.65	85270	89.87	88003
1722	494.9	4400.7	780	104.43	88047	101.29	88064	99.66	85040	99.45	88059	92.74	85270	88.56	87270
1723	495.9	4400.7	781	104.09	88064	103.21	88047	97.22	88059	97.03	85040	93.06	85270	90.28	88003
1724	496.9	4400.7	782	105.55	88047	105.50	88059	105.47	88064	98.58	85040	96.62	85270	92.69	87270
1725	497.9	4400.7	783	111.51	88064	110.88	88059	110.33	88047	101.71	88003	101.22	87352	99.33	85040
1726	498.9	4400.7	784	117.50	88059	114.43	88064	110.16	88047	107.39	87352	106.80	87314	104.32	87350
1727	499.9	4400.7	785	133.87	88059	124.29	86339	121.51	87001	119.34	88003	118.21	88064	118.01	87352
1728	500.9	4400.7	786	127.21	88003	125.08	88059	118.68	87352	117.72	87351	115.62	87333	115.07	88064
1729	501.9	4400.7	787	116.54	88003	115.91	88064	107.42	87352	105.47	88059	102.39	87351	101.14	87337
1730	502.9	4400.7	788	113.86	88003	108.24	87352	104.07	88064	98.89	88059	94.07	87351	91.82	88047
1731	503.9	4400.7	789	109.09	88003	99.67	88064	99.04	87352	89.76	85007	86.21	88047	85.70	87351
1732	504.9	4400.7	790	104.89	88003	94.03	88064	93.62	87352	93.08	88059	85.28	85007	84.54	88047
1733	505.9	4400.7	791	105.70	88003	96.16	88064	91.96	87352	86.59	85007	84.69	88059	83.80	86068
1734	506.9	4400.7	792	98.10	88003	89.28	88064	87.37	88059	83.95	87352	80.77	86068	79.90	87270
1735	507.9	4400.7	793	98.93	88003	89.83	88064	89.16	88059	85.25	87352	82.49	86068	81.82	87270
1736	508.9	4400.7	794	95.07	88003	88.16	88064	83.71	88059	81.54	87352	81.06	86068	78.46	86329
1737	509.9	4400.7	795	91.51	88003	82.06	88064	80.04	88059	79.39	86068	76.51	86107	74.74	86329
1738	510.9	4400.7	796	83.95	88003	82.05	88059	79.84	88064	78.93	86068	75.87	86107	74.70	86329
1739	511.9	4400.7	797	85.33	88003	82.17	88064	79.43	86068	76.88	88059	75.52	87352	74.77	86329
1740	512.9	4400.7	798	87.43	88003	81.17	86068	78.60	86107	78.56	88064	78.47	87352	76.60	88059
1781	482.9	4401.7	799	98.16	85040	97.48	88047	89.53	85070	83.5	85270	80.23	88059	79.28	88016
1782	483.9	4401.7	800	98.64	85040	98.37	88047	91.10	85070	84.58	85270	81.14	88059	78.34	88016
1783	484.9	4401.7	801	101.35	88047	99.36	85040	92.37	85070	86.54	85270	83.06	88059	80.35	88064
1784	485.9	4401.7	802	102.11	88047	98.26	85040	92.83	85070	86.11	85270	85.00	88064	84.92	88059
1785	486.9	4401.7	803	107.60	88047	100.70	85040	96.47	85070	94.62	88059	89.08	88064	88.37	85270
1786	487.9	4401.7	804	108.50	88047	98.57	85040	94.13	85070	92.64	88059	90.80	88064	87.70	85270
1787	488.9	4401.7	805	110.40	88047	96.78	85040	92.39	88059	92.24	88064	91.52	85070	85.53	85270
1788	489.9	4401.7	806	110.16	88047	97.52	85040	96.71	88059	90.88	85070	90.76	88064	86.27	85270
1789	490.9	4401.7	807	105.34	88047	95.91	85040	93.18	88059	90.69	88064	88.20	85070	86.10	85270
1790	491.9	4401.7	808	104.49	88047	96.99	85040	93.56	88059	90.31	88064	88.38	85270	87.89	85070
1791	492.9	4401.7	809	106.07	88047	100.80	88059	99.25	85040	95.46	88064	90.84	85270	89.01	85360
1792	493.9	4401.7	810	105.24	88047	100.90	88064	98.85	88059	96.13	85040	89.47	88003	89.38	87352

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1793	494.9	4401.7	811	104.38	88047	101.95	88059	100.14	88064	95.99	85040	90.63	85270	90.54	85360
1794	495.9	4401.7	812	103.65	88047	102.27	88064	100.27	88059	94.67	85040	91.08	87352	90.83	88003
1795	496.9	4401.7	813	109.21	88059	104.72	88047	103.45	88064	97.39	85040	95.59	87352	93.81	87270
1796	497.9	4401.7	814	109.57	88059	106.27	88064	103.93	88047	100.48	88003	99.98	87352	96.06	87270
1797	498.9	4401.7	815	117.00	88059	105.57	88047	105.38	88064	103.81	86339	100.92	87001	100.73	87333
1798	499.9	4401.7	816	124.36	88059	112.17	88064	109.03	87314	107.84	87352	105.93	86339	104.33	88047
1799	500.9	4401.7	817	119.34	88003	116.10	87352	115.74	88059	107.64	88064	104.43	88340	103.17	85007
1800	501.9	4401.7	818	117.88	88064	116.04	88003	107.04	87352	106.2	88059	97.07	88047	96.90	87351
1801	502.9	4401.7	819	116.09	88003	111.14	87352	104.30	88064	100.62	88059	97.33	87351	96.96	88047
1802	503.9	4401.7	820	107.57	88003	99.58	88064	98.57	87352	88.98	88059	88.34	87351	88.28	85007
1803	504.9	4401.7	821	102.45	88003	94.27	88059	93.05	87352	92.01	88064	85.57	87270	84.67	85340
1804	505.9	4401.7	822	104.07	88003	94.96	88064	90.13	87352	86.29	88059	81.87	86329	81.63	87339
1805	506.9	4401.7	823	98.14	88003	89.87	88064	88.79	88059	83.43	87352	81.43	87270	80.61	86068
1806	507.9	4401.7	824	95.38	88003	89.67	88059	87.66	88064	84.32	87352	81.78	87270	81.27	86068
1807	508.9	4401.7	825	94.69	88003	86.44	88064	86.02	88059	80.97	86068	80.55	87352	78.25	87270
1808	509.9	4401.7	826	87.57	88003	84.63	86068	82.14	88064	77.41	86107	77.11	88059	75.49	87360
1809	510.9	4401.7	827	82.78	88003	80.42	86068	79.77	88059	79.75	88064	75.19	86107	72.28	85320
1810	511.9	4401.7	828	85.67	88003	85.03	88064	81.27	86068	78.04	86107	77.41	88059	76.99	87352
1811	512.9	4401.7	829	92.93	88003	85.22	86068	83.37	87352	80.6	88064	78.43	86107	78.33	85007
1852	482.9	4402.7	830	105.70	88047	94.83	85040	91.43	85070	82.02	88059	80.61	88016	79.79	85270
1853	483.9	4402.7	831	106.25	88047	95.56	85040	92.14	85070	82.27	88059	81.79	88016	81.11	85270
1854	484.9	4402.7	832	110.86	88047	99.42	85040	95.43	85070	86.55	88016	86.37	88059	85.50	85270
1855	485.9	4402.7	833	113.70	88047	98.25	85040	94.51	85070	85.63	88016	85.00	88059	84.61	85360
1856	486.9	4402.7	834	114.57	88047	100.79	85040	93.33	85070	92.53	88059	86.27	85270	85.58	85360
1857	487.9	4402.7	835	114.14	88047	103.40	85040	95.31	88059	91.81	85070	90.47	88064	90.06	87314
1858	488.9	4402.7	836	110.36	88047	102.62	85040	94.78	88059	94.67	88064	91.03	85070	89.75	85270
1859	489.9	4402.7	837	110.56	88047	102.19	85040	96.91	88059	94.98	88064	91.24	85070	89.68	85270
1860	490.9	4402.7	838	108.17	88047	96.90	85040	94.94	88059	93.36	88064	88.93	85070	88.12	85270
1861	491.9	4402.7	839	107.67	88047	96.19	88059	95.96	85040	91.69	88064	89.72	85070	88.54	85360
1862	492.9	4402.7	840	108.47	88047	104.35	88059	97.54	85040	95.21	88064	90.64	85070	90.63	85360
1863	493.9	4402.7	841	106.14	88047	102.71	88059	99.94	88064	94.49	85040	90.82	87352	90.22	85360
1864	494.9	4402.7	842	105.78	88047	105.15	88059	98.21	88064	92.45	85040	92.41	85360	90.64	87352
1865	495.9	4402.7	843	104.50	88047	101.92	88064	100.76	88059	92.83	88003	91.03	85360	90.91	87352
1866	496.9	4402.7	844	107.57	88059	106.74	88047	99.82	88064	94.46	87352	94.16	87270	92.37	85360
1867	497.9	4402.7	845	103.24	88059	102.27	88047	100.25	88064	97.72	88003	95.59	87352	92.82	87270
1868	498.9	4402.7	846	105.83	88059	100.07	88047	98.28	88064	94.58	87352	93.31	88003	93.11	87270
1869	499.9	4402.7	847	124.76	88059	109.45	86339	106.90	88064	106.47	88047	104.56	87352	104.09	87001
1870	500.9	4402.7	848	118.24	87352	117.74	88059	115.55	88003	109.84	88064	108.86	87338	106.83	87314
1871	501.9	4402.7	849	130.91	88003	119.95	87352	119.46	88064	114.46	88059	112.68	88340	109.98	85007
1872	502.9	4402.7	850	118.85	88003	113.28	87352	109.42	88064	104.24	88059	103.37	87314	100.03	87350
1873	503.9	4402.7	851	117.16	88003	108.70	87352	106.07	85007	104.72	88064	99.12	88047	95.56	87350
1874	504.9	4402.7	852	108.85	88003	100.36	87352	98.89	85007	94.3	88064	93.54	88059	91.91	88047
1875	505.9	4402.7	853	108.35	88003	95.27	88064	93.29	87352	90.48	85007	86.17	88059	85.02	88047
1876	506.9	4402.7	854	100.54	88003	89.98	88064	89.91	88059	87.15	87352	83.62	86068	82.96	88340
1877	507.9	4402.7	855	99.75	88003	90.49	88059	89.06	88064	87.98	87352	85.94	86068	84.13	85007
1878	508.9	4402.7	856	99.75	88003	90.57	88059	89.81	88064	88.09	86068	87.15	87352	84.80	87270
1879	509.9	4402.7	857	93.46	88003	88.39	86068	87.46	88064	82.78	86333	80.94	87352	80.76	87314
1880	510.9	4402.7	858	90.51	88003	86.86	86068	86.51	88064	83.68	88059	80.72	87352	79.03	85320
1881	511.9	4402.7	859	96.98	88003	88.19	88064	87.86	86068	86.62	88059	85.57	87352	83.96	88340
1882	512.9	4402.7	860	91.96	88003	84.24	87352	83.64	86068	82.62	88064	80.05	87360	79.68	86329
1923	482.9	4403.7	861	100.44	88047	93.47	85070	90.99	85040	80.36	88059	80.32	88016	78.95	85360

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1924	483.9	4403.7	862	104.33	88047	94.47	85070	92.95	85040	82.65	85360	81.77	88059	81.33	88016
1925	484.9	4403.7	863	110.68	88047	102.96	85040	96.42	85070	96.11	88059	91.79	85360	88.24	87270
1926	485.9	4403.7	864	108.98	88047	96.16	85040	92.07	85070	89.91	88059	87.74	88016	86.16	89014
1927	486.9	4403.7	865	107.39	88047	98.21	85040	93.25	85070	93.08	88059	86.15	85360	84.58	88016
1928	487.9	4403.7	866	112.01	88047	103.09	88059	102.63	85040	96.04	85070	92.07	85360	91.32	89014
1929	488.9	4403.7	867	109.99	88047	101.52	85040	101.25	88059	93.44	85070	90.64	89014	90.41	87270
1930	489.9	4403.7	868	109.51	88047	102.74	88059	102.46	85040	93.59	85070	91.10	89014	91.03	88016
1931	490.9	4403.7	869	110.38	88047	102.48	88059	102.00	85040	94.16	88064	92.46	85070	91.73	85360
1932	491.9	4403.7	870	107.43	88047	101.85	88059	100.70	85040	93.48	88064	91.01	85360	90.74	85070
1933	492.9	4403.7	871	110.10	88047	108.39	88059	100.82	85040	98.01	88064	96.08	87314	94.13	85360
1934	493.9	4403.7	872	107.65	88047	104.71	88059	100.74	88064	100.3	85040	97.22	87352	94.92	88003
1935	494.9	4403.7	873	103.89	88059	103.85	88047	99.89	85040	96.93	88064	92.20	85360	91.89	87352
1936	495.9	4403.7	874	100.13	88064	98.99	88059	98.79	88047	96.6	85040	92.72	88003	92.04	87352
1937	496.9	4403.7	875	104.81	88059	98.37	88064	96.76	88047	96.29	85040	95.84	87352	93.86	88003
1938	497.9	4403.7	876	101.44	88064	100.89	88059	99.35	88003	98.98	87352	94.64	88047	93.36	85040
1939	498.9	4403.7	877	105.84	88059	98.69	87352	98.06	88064	97.28	88047	95.11	88003	92.80	87270
1940	499.9	4403.7	878	124.93	88059	104.78	87352	103.25	88047	102.6	88064	101.45	87270	100.67	88003
1941	500.9	4403.7	879	130.55	88059	118.76	87352	117.48	87351	111.05	88003	108.85	87270	106.89	88047
1942	501.9	4403.7	880	118.83	88003	112.64	88059	111.81	87352	110.59	88064	108.42	87337	106.40	87351
1943	502.9	4403.7	881	117.80	88059	109.91	88003	106.85	87337	106.13	86339	105.86	87352	104.92	87270
1944	503.9	4403.7	882	115.20	88003	109.44	88059	108.39	86351	108.03	87352	105.29	87337	104.34	87351
1945	504.9	4403.7	883	103.50	88059	102.88	88003	99.38	86351	97.83	87352	95.50	85340	94.70	87351
1946	505.9	4403.7	884	103.54	88003	92.60	88059	91.78	87352	90.92	88064	88.93	87337	87.89	86351
1947	506.9	4403.7	885	96.58	88059	93.57	88003	88.92	87270	88.42	85340	87.54	88064	87.46	86351
1948	507.9	4403.7	886	98.63	88059	95.58	88003	89.73	87270	89.06	85340	88.34	86351	87.31	88064
1949	508.9	4403.7	887	94.57	88003	92.33	88059	86.74	87270	85.27	87339	84.91	86351	84.08	87337
1950	509.9	4403.7	888	88.27	88059	84.41	88003	82.83	86351	82.13	87339	81.36	87337	81.25	87270
1951	510.9	4403.7	889	91.35	88059	86.25	88003	83.36	86351	82.69	87270	82.68	85340	82.22	88064
1952	511.9	4403.7	890	83.50	88003	83.39	88064	82.83	88059	81.79	87337	80.78	87339	79.53	86107
1953	512.9	4403.7	891	84.93	88003	83.51	86107	79.04	88064	78.48	88059	77.27	87352	76.54	87339
1994	482.9	4404.7	892	102.61	88047	96.53	85040	92.20	85070	82.6	88016	81.78	85360	80.81	88059
1995	483.9	4404.7	893	105.95	88047	96.67	85040	91.59	85070	83.67	85360	82.38	88059	81.72	88016
1996	484.9	4404.7	894	106.78	88047	97.17	85040	92.86	85070	87.46	88059	83.33	85360	81.33	88016
1997	485.9	4404.7	895	104.60	88047	96.29	85040	93.43	85070	87.95	88059	83.66	85360	82.64	88016
1998	486.9	4404.7	896	104.18	88047	97.06	85040	93.35	85070	88.82	88059	85.36	85360	82.51	88016
1999	487.9	4404.7	897	105.98	88047	99.42	85040	97.32	88059	94.73	85070	87.92	85360	86.00	89014
2000	488.9	4404.7	898	104.25	88047	97.24	85040	96.48	88059	94.08	85070	87.29	85360	86.12	89014
2001	489.9	4404.7	899	108.08	88047	104.04	88059	100.43	85040	95.25	85070	94.74	85360	92.28	89014
2002	490.9	4404.7	900	107.87	88047	104.45	88059	98.57	85040	93.66	85360	93.65	85070	91.76	89014
2003	491.9	4404.7	901	106.88	88047	104.92	88059	99.92	85040	98	85360	94.14	85070	91.58	89014
2004	492.9	4404.7	902	114.90	88059	110.68	88047	101.86	85040	101.33	85360	100.72	87270	94.99	89014
2005	493.9	4404.7	903	109.48	88059	105.63	88047	96.46	85040	95.86	88064	95.68	87270	94.15	87337
2006	494.9	4404.7	904	107.22	88059	100.89	88047	96.75	88064	95.74	87270	95.55	85040	92.65	87314
2007	495.9	4404.7	905	102.59	88059	98.68	88047	98.09	88064	94.37	85040	94.33	87352	94.26	88003
2008	496.9	4404.7	906	109.82	88059	98.57	88047	98.26	87270	95.41	87314	95.41	88064	95.34	87352
2009	497.9	4404.7	907	107.60	88059	100.43	87352	99.60	88003	96.67	88064	96.54	88047	95.90	87270
2010	498.9	4404.7	908	110.35	88059	95.34	87270	95.30	87352	94.41	88047	92.87	86339	92.66	87337
2011	499.9	4404.7	909	131.90	88059	115.14	86339	112.00	87270	104.59	87337	103.46	87351	103.31	87353
2012	500.9	4404.7	910	127.76	88059	111.73	87352	111.04	87314	109.44	87333	108.38	87338	106.58	87270
2013	501.9	4404.7	911	117.02	88003	112.00	87352	107.03	88064	103.66	88059	100.80	89004	96.25	85007
2014	502.9	4404.7	912	105.71	88059	102.65	88003	96.52	87352	94.48	87270	94.15	88064	90.77	87337

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2015	503.9	4404.7	913	101.61	88003	96.52	87352	95.38	88059	94.89	88064	89.72	87339	88.43	87270
2016	504.9	4404.7	914	101.00	88059	99.63	88003	92.79	87352	91.84	87270	91.61	88064	91.14	85340
2017	505.9	4404.7	915	102.17	88003	92.81	87352	91.20	88064	88.13	88059	84.21	86068	83.94	88363
2018	506.9	4404.7	916	94.72	88059	93.23	88003	86.01	87352	84.82	85340	84.80	88064	84.79	87270
2019	507.9	4404.7	917	96.20	88059	89.08	88003	86.19	85340	86.03	87270	84.69	87351	83.89	87339
2020	508.9	4404.7	918	86.33	88003	85.58	88059	82.58	87339	80.51	87270	80.46	88064	78.08	87337
2021	509.9	4404.7	919	82.11	88003	78.54	88059	77.36	88064	75.11	87339	74.55	86068	73.18	87270
2022	510.9	4404.7	920	79.88	88059	79.79	88003	79.04	88064	74.02	86068	73.51	85340	73.42	87270
2023	511.9	4404.7	921	82.22	88003	81.35	88064	75.51	88059	73.25	86068	73.23	87360	72.95	86107
2024	512.9	4404.7	922	82.96	88003	80.43	88064	78.07	88059	77.07	86107	75.16	87352	74.59	87360
2065	482.9	4405.7	923	104.70	88047	93.21	85070	85.53	85040	82.53	88059	82.07	85360	77.81	85270
2066	483.9	4405.7	924	105.00	88047	93.60	85070	85.66	85040	82.79	88059	82.26	85360	77.93	85270
2067	484.9	4405.7	925	105.41	88047	93.04	85070	86.73	85040	86.41	88059	83.30	85360	78.65	88016
2068	485.9	4405.7	926	103.52	88047	92.70	85070	88.67	88059	86.17	85040	84.25	85360	79.38	88016
2069	486.9	4405.7	927	104.69	88047	92.31	85070	90.13	88059	86.65	85040	85.35	85360	79.89	88016
2070	487.9	4405.7	928	107.77	88047	97.26	88059	92.60	85070	88.83	85360	88.81	85040	83.86	89014
2071	488.9	4405.7	929	105.57	88047	95.03	88059	90.32	85360	89.87	85070	86.46	85040	84.42	89014
2072	489.9	4405.7	930	107.16	88047	98.29	88059	92.97	85360	90.72	85070	87.48	85040	85.66	87270
2073	490.9	4405.7	931	107.13	88047	99.67	88059	94.13	85360	88.26	85070	86.59	85040	86.55	87270
2074	491.9	4405.7	932	105.80	88047	99.32	88059	92.15	85360	90.84	87270	87.36	85040	86.79	88064
2075	492.9	4405.7	933	106.93	88059	105.32	88047	96.34	87270	92.23	85360	91.03	85040	88.05	88064
2076	493.9	4405.7	934	104.36	88059	102.73	88047	94.24	87270	91.86	85040	91.62	85360	89.60	88064
2077	494.9	4405.7	935	107.33	88059	101.93	88047	97.15	87270	94.54	85360	90.93	85040	90.92	88064
2078	495.9	4405.7	936	101.73	88059	100.64	88047	93.54	88064	92.6	87337	91.26	87270	90.83	87352
2079	496.9	4405.7	937	107.75	88059	102.67	88047	95.76	87270	94.41	86339	91.08	88064	90.26	87352
2080	497.9	4405.7	938	105.62	88059	103.04	88047	96.68	87352	96.51	88064	94.02	88003	92.12	87314
2081	498.9	4405.7	939	104.17	88059	102.47	88047	99.82	87352	97.34	88003	92.51	88064	91.04	87351
2082	499.9	4405.7	940	110.64	88059	97.47	87352	95.16	88003	94.25	88047	94.24	87270	89.60	88064
2083	500.9	4405.7	941	130.83	88059	107.87	87270	106.64	87352	105.3	88047	104.97	87356	102.78	87314
2084	501.9	4405.7	942	122.71	88003	115.17	87352	105.95	88064	104.54	88059	104.46	89004	98.91	85007
2085	502.9	4405.7	943	103.61	88059	100.27	88003	96.09	87352	95.37	88064	91.80	89024	91.01	88047
2086	503.9	4405.7	944	107.89	88003	101.39	87352	95.40	85007	92.56	88064	91.47	88047	91.44	86068
2087	504.9	4405.7	945	103.29	88059	93.75	88003	90.70	88064	89.56	87270	89.53	87352	89.13	85340
2088	505.9	4405.7	946	108.10	88003	96.52	87352	93.14	88059	90.29	88064	89.97	87351	87.92	86068
2089	506.9	4405.7	947	93.51	88059	90.19	88003	85.37	85340	84.05	87339	83.00	87352	82.70	87270
2090	507.9	4405.7	948	91.81	88059	83.45	88003	83.41	87270	81.44	85340	81.09	87339	78.73	88064
2091	508.9	4405.7	949	82.25	88059	81.29	88003	80.19	87339	80.11	87270	77.27	88064	75.02	85340
2092	509.9	4405.7	950	79.13	88059	78.03	88003	76.37	88064	74.47	87270	73.03	87339	72.86	88047
2093	510.9	4405.7	951	79.66	88059	78.71	88003	76.61	88064	74.19	87270	72.83	85340	72.54	86068
2094	511.9	4405.7	952	80.26	88064	76.11	88003	75.02	88059	71.56	87360	71.26	85340	71.16	87339
2095	512.9	4405.7	953	81.18	88003	81.15	88064	79.59	88059	73.59	86107	73.47	87360	73.14	87352
2136	482.9	4406.7	954	102.02	88047	90.85	85070	82.57	88059	81.88	85360	80.81	85040	76.33	88016
2137	483.9	4406.7	955	103.47	88047	90.84	85070	83.41	88059	82.29	85360	82.06	85040	77.66	88016
2138	484.9	4406.7	956	102.82	88047	90.33	85070	88.28	88059	84.34	85360	83.55	85040	78.95	88016
2139	485.9	4406.7	957	104.02	88047	90.20	88059	89.91	85070	85.75	85360	84.81	85040	81.00	89014
2140	486.9	4406.7	958	105.05	88047	91.44	88059	89.34	85070	88.7	85360	86.04	85040	83.22	89014
2141	487.9	4406.7	959	107.11	88047	96.12	88059	93.98	85360	89.74	85070	87.47	89014	86.97	85040
2142	488.9	4406.7	960	106.54	88047	95.53	88059	92.70	85360	88.39	85070	87.48	85040	85.78	89014
2143	489.9	4406.7	961	107.19	88047	98.82	88059	93.20	85360	89.09	85040	88.44	87270	85.27	85070
2144	490.9	4406.7	962	104.49	88047	99.43	88059	89.93	85360	88.4	85040	87.88	87270	84.08	89014
2145	491.9	4406.7	963	100.51	88047	98.21	88059	90.99	85360	89.13	87270	88.28	85040	84.71	89014

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2146	492.9	4406.7	964	107.04	88059	101.81	88047	95.13	87270	93.12	85360	88.76	88064	88.54	89014
2147	493.9	4406.7	965	100.26	88047	99.35	88059	89.72	85360	89.28	88064	88.90	87270	87.15	88003
2148	494.9	4406.7	966	102.48	88059	100.68	88047	91.19	87270	89.47	85360	86.14	88064	85.68	85040
2149	495.9	4406.7	967	99.19	88047	97.48	88059	89.23	87352	87.3	87270	87.15	88064	86.70	87337
2150	496.9	4406.7	968	102.09	88059	96.69	88047	91.42	87270	88.98	87352	86.07	86339	85.93	88064
2151	497.9	4406.7	969	116.22	88059	107.25	86339	103.54	87270	100.86	88047	100.20	87352	100.02	87337
2152	498.9	4406.7	970	114.24	88059	101.88	87270	100.94	87352	100.1	88047	99.48	87314	99.44	87333
2153	499.9	4406.7	971	112.26	88059	99.14	87352	98.45	88047	95.61	87270	93.50	88003	90.96	87351
2154	500.9	4406.7	972	133.49	88059	110.76	87270	107.70	87352	107.57	87314	107.57	88047	105.53	86339
2155	501.9	4406.7	973	119.76	88003	117.62	87352	109.95	88059	106.03	87337	105.92	89004	100.86	88064
2156	502.9	4406.7	974	125.25	88059	117.16	86339	114.20	88003	111.05	87270	108.72	87337	105.95	87350
2157	503.9	4406.7	975	106.76	86355	103.27	87352	101.19	87333	101.1	88003	97.54	88059	97.50	87339
2158	504.9	4406.7	976	116.20	88059	104.63	88003	99.67	85340	99.51	87270	97.86	89024	97.63	87352
2159	505.9	4406.7	977	110.58	88003	103.08	87352	100.76	85007	99.14	87351	95.59	86068	93.05	87325
2160	506.9	4406.7	978	91.30	88059	90.71	88003	83.27	85340	81.17	87352	81.15	87270	80.95	87339
2161	507.9	4406.7	979	88.15	88059	86.63	88003	81.59	87270	79.24	85340	78.10	88064	77.34	87339
2162	508.9	4406.7	980	80.40	88003	78.88	88059	78.80	87270	75.02	87339	74.77	88064	72.42	86068
2163	509.9	4406.7	981	78.63	88003	77.91	88059	74.53	87270	74.19	88064	72.54	87339	72.54	88047
2164	510.9	4406.7	982	77.34	88003	76.72	88059	76.42	88064	73.52	87270	71.91	87360	71.86	87339
2165	511.9	4406.7	983	78.59	88003	76.73	88064	72.62	88059	70.15	88047	69.65	87360	69.59	87270
2166	512.9	4406.7	984	86.46	89024	84.15	88059	83.62	88064	80.27	88003	77.76	86107	77.56	85314
2207	482.9	4407.7	985	97.97	88047	90.57	85070	83.97	88059	82.79	85360	79.88	85040	76.14	89014
2208	483.9	4407.7	986	100.85	88047	89.80	85070	85.07	88059	84.37	85360	79.67	85040	77.78	89014
2209	484.9	4407.7	987	101.97	88047	89.65	85070	88.05	88059	86.77	85360	80.44	85040	79.98	89014
2210	485.9	4407.7	988	104.92	88047	91.51	85360	90.90	85070	90.55	88059	84.62	89014	82.37	85040
2211	486.9	4407.7	989	105.07	88047	94.05	85360	91.83	88059	90.33	85070	85.39	89014	82.54	85040
2212	487.9	4407.7	990	105.08	88047	95.03	88059	91.72	85360	87.58	85070	83.53	87270	82.85	85040
2213	488.9	4407.7	991	103.08	88047	95.81	88059	89.84	85360	84.37	85070	83.58	87270	82.43	89014
2214	489.9	4407.7	992	98.82	88047	97.44	88059	88.41	85360	86.83	87270	83.62	85070	80.60	85040
2215	490.9	4407.7	993	99.33	88047	98.13	88059	89.69	85360	86.53	87270	82.83	85070	82.13	89014
2216	491.9	4407.7	994	98.83	88047	96.78	88059	90.47	85360	87.74	87270	83.51	89014	82.13	85040
2217	492.9	4407.7	995	102.72	88059	102.39	88047	93.41	87270	92.16	85360	85.15	85040	84.28	89014
2218	493.9	4407.7	996	100.55	88047	98.57	88059	89.11	88064	87.78	87270	87.71	85360	84.23	87337
2219	494.9	4407.7	997	101.29	88059	98.98	88047	90.79	87270	86.63	88064	85.28	85360	84.85	87352
2220	495.9	4407.7	998	98.16	88047	95.83	88059	90.04	87352	87.56	88003	86.95	88064	85.91	87270
2221	496.9	4407.7	999	103.11	88059	99.97	88047	91.69	87270	91.66	87352	86.34	86339	85.87	88064
2222	497.9	4407.7	1000	101.92	88059	96.62	88047	95.32	87352	91.94	87270	89.80	88003	87.63	87337
2223	498.9	4407.7	1001	114.32	88059	99.48	87270	96.76	87352	96.54	88047	93.42	86339	93.13	87351
2224	499.9	4407.7	1002	117.29	88059	100.61	87352	98.99	87270	96.7	88047	92.94	88003	92.53	87351
2225	500.9	4407.7	1003	137.13	88059	113.93	87314	111.60	87270	111.19	86339	110.68	87356	109.86	87352
2226	501.9	4407.7	1004	122.89	88003	121.66	87352	114.41	88059	110.45	89004	109.63	87337	108.43	87350
2227	502.9	4407.7	1005	109.41	88059	100.40	88003	98.96	87352	95.6	87270	93.19	87350	92.78	87314
2228	503.9	4407.7	1006	101.62	88003	100.68	87352	96.24	88059	91.68	87351	89.39	87350	89.29	88340
2229	504.9	4407.7	1007	127.01	88059	122.84	86339	115.23	87270	112.88	85340	112.14	87337	111.38	87353
2230	505.9	4407.7	1008	117.80	86355	104.86	87333	99.83	86351	99.52	87339	99.10	87352	98.97	88352
2231	506.9	4407.7	1009	90.59	88059	90.50	88003	83.31	85340	82.34	87352	80.57	87270	80.53	88064
2232	507.9	4407.7	1010	88.92	88003	87.53	88059	81.09	87270	79.71	85340	78.01	88064	77.52	87360
2233	508.9	4407.7	1011	83.50	88003	78.19	87270	78.01	88059	74.28	88064	74.21	87339	74.17	87360
2234	509.9	4407.7	1012	76.93	88003	74.77	88059	71.97	87270	71.34	87339	71.30	88064	70.77	87360
2235	510.9	4407.7	1013	77.47	88003	75.40	88059	75.15	88064	72.86	87270	72.22	87360	71.03	87339
2236	511.9	4407.7	1014	79.39	88003	74.52	88064	74.14	88059	73.34	87360	71.40	87339	70.52	87270

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2237	512.9	4407.7	1015	100.78	88059	93.61	88003	88.48	87270	87.12	87314	86.88	86339	86.29	88064
2278	482.9	4408.7	1016	98.12	88047	88.66	85070	84.48	85360	82.91	88059	80.09	85040	76.14	89014
2279	483.9	4408.7	1017	100.11	88047	89.17	85070	87.24	85360	82.97	88059	80.44	85040	78.09	89014
2280	484.9	4408.7	1018	100.10	88047	90.40	85360	89.66	85070	87.06	88059	81.28	85040	79.86	89014
2281	485.9	4408.7	1019	99.73	88047	91.29	85360	88.68	88059	86.67	85070	80.32	85040	79.68	89014
2282	486.9	4408.7	1020	98.94	88047	90.66	88059	87.42	85360	83.98	85070	80.16	85040	79.67	87270
2283	487.9	4408.7	1021	96.77	88047	93.89	88059	87.38	85360	83.59	85070	81.40	87270	81.25	85040
2284	488.9	4408.7	1022	96.18	88047	94.55	88059	88.35	85360	83.05	85070	82.29	87270	81.48	85040
2285	489.9	4408.7	1023	96.12	88059	95.53	88047	89.13	85360	86.91	87270	81.73	85070	80.96	85040
2286	490.9	4408.7	1024	95.48	88047	93.54	88059	89.67	85360	83.49	87270	81.49	89014	80.65	85070
2287	491.9	4408.7	1025	96.04	88047	93.54	88059	88.49	85360	85.21	87270	80.82	89014	79.64	85040
2288	492.9	4408.7	1026	101.46	88059	97.43	88047	91.80	87270	89.41	85360	82.96	88064	82.28	89014
2289	493.9	4408.7	1027	97.02	88047	95.69	88059	86.40	87270	84.99	85360	84.83	88064	83.93	87337
2290	494.9	4408.7	1028	100.76	88059	98.61	88047	90.53	87270	86.01	88064	85.01	85360	84.13	87352
2291	495.9	4408.7	1029	97.59	88059	96.57	88047	90.38	87352	89.71	88003	88.08	87337	87.10	88064
2292	496.9	4408.7	1030	106.61	88059	97.79	88047	94.75	87270	93.26	87352	88.33	86339	87.13	87337
2293	497.9	4408.7	1031	105.92	88059	98.55	87352	96.33	88047	91.85	87270	91.36	88003	90.36	87351
2294	498.9	4408.7	1032	112.08	88059	99.11	87352	97.84	88047	95.76	87270	92.04	87351	91.85	87314
2295	499.9	4408.7	1033	117.18	88059	102.27	87352	100.35	88047	99.44	87270	93.36	87351	92.33	88003
2296	500.9	4408.7	1034	140.76	88059	118.68	86339	117.82	87270	112.39	87351	110.95	87001	109.74	85340
2297	501.9	4408.7	1035	120.13	87337	117.97	88059	112.42	88003	112.2	87352	107.73	87333	106.99	87351
2298	502.9	4408.7	1036	117.79	88059	104.87	87270	103.61	87337	102.88	86339	98.17	87333	97.05	85340
2299	503.9	4408.7	1037	96.95	88059	96.68	87337	94.66	86355	94.11	87333	93.27	87352	92.66	87339
2300	504.9	4408.7	1038	100.50	88059	91.46	85340	90.36	87270	90.16	88003	88.31	87352	83.39	87333
2301	505.9	4408.7	1039	92.11	88059	89.20	88003	88.87	87352	86.32	87270	83.36	86355	83.32	87351
2302	506.9	4408.7	1040	93.09	88059	90.42	88003	84.81	85340	83.69	87270	83.10	87352	82.32	87339
2303	507.9	4408.7	1041	87.46	88059	84.32	88003	81.42	87270	80.14	85340	79.71	87339	78.80	87360
2304	508.9	4408.7	1042	82.32	88003	78.08	87270	77.93	88059	76.46	87339	75.98	87360	73.60	88064
2305	509.9	4408.7	1043	77.06	88003	74.65	88059	73.38	87339	72.51	87360	71.86	87270	70.54	88064
2306	510.9	4408.7	1044	76.11	88059	76.00	88003	74.39	87339	73.28	87270	73.28	88064	71.85	87360
2307	511.9	4408.7	1045	79.49	88003	75.44	88059	74.02	87339	73.84	88064	73.67	87360	72.20	87270
2308	512.9	4408.7	1046	105.48	88059	94.75	88003	93.00	86339	92.59	87270	88.80	87314	88.54	87337
2349	482.9	4409.7	1047	96.40	88047	89.34	85070	86.74	85360	81.77	88059	77.87	85040	76.39	89014
2350	483.9	4409.7	1048	96.25	88047	87.90	85360	86.94	85070	81.99	88059	79.30	85040	77.49	89014
2351	484.9	4409.7	1049	96.00	88047	88.08	85360	86.79	88059	84.7	85070	80.83	85040	78.32	89014
2352	485.9	4409.7	1050	93.36	88047	87.21	88059	84.84	85360	83.9	85070	80.63	85040	77.35	89014
2353	486.9	4409.7	1051	90.97	88047	88.02	88059	85.76	85360	82.58	85070	80.84	85040	77.81	89014
2354	487.9	4409.7	1052	91.38	88047	91.15	88059	87.31	85360	82.14	85070	80.14	85040	79.49	87270
2355	488.9	4409.7	1053	92.66	88047	91.69	88059	88.76	85360	82.11	85070	81.81	87270	80.16	85040
2356	489.9	4409.7	1054	93.69	88047	93.00	88059	89.87	85360	85.09	87270	81.09	89014	80.94	85070
2357	490.9	4409.7	1055	94.42	88047	92.84	88059	87.69	85360	83.47	87270	80.65	85040	79.80	89014
2358	491.9	4409.7	1056	93.50	88059	92.89	88047	88.09	85360	84.54	87270	81.57	85040	79.27	85070
2359	492.9	4409.7	1057	99.66	88059	94.79	88047	91.47	87270	87.3	85360	82.83	85040	81.12	88064
2360	493.9	4409.7	1058	96.18	88059	94.17	88047	85.67	87270	83.88	87352	82.97	88064	82.85	87337
2361	494.9	4409.7	1059	102.64	88059	94.56	88047	89.55	87270	85.47	87352	85.28	88064	83.04	85360
2362	495.9	4409.7	1060	100.67	88059	96.17	88047	94.50	87352	90.1	88064	88.49	88003	87.58	87270
2363	496.9	4409.7	1061	109.47	88059	100.21	87352	98.81	88047	95.42	87270	94.36	88003	93.26	87351
2364	497.9	4409.7	1062	110.76	88059	99.99	87352	98.85	87351	97.49	88047	95.97	87270	95.52	87337
2365	498.9	4409.7	1063	117.38	88059	101.13	87270	99.03	88047	97.72	86339	96.74	87351	96.16	87337
2366	499.9	4409.7	1064	120.52	88059	101.15	87270	100.28	88047	97.25	87337	95.74	87352	95.15	87333
2367	500.9	4409.7	1065	131.99	88059	111.12	87270	104.61	86339	102.56	85340	102.22	87351	100.97	87333

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2368	501.9	4409.7	1066	107.91	88059	106.57	87337	105.12	88003	103.36	87352	99.07	89004	94.05	87333
2369	502.9	4409.7	1067	101.04	88059	92.23	87270	89.57	88003	86.97	87352	84.55	87337	84.25	85340
2370	503.9	4409.7	1068	92.90	88059	87.51	87352	85.45	87337	84.28	87270	83.73	88003	83.10	87339
2371	504.9	4409.7	1069	101.95	88059	92.16	87270	91.07	85340	84.77	87339	84.68	87333	84.32	87352
2372	505.9	4409.7	1070	91.75	88059	85.73	86355	85.71	87339	85.48	87270	85.18	87352	84.63	87333
2373	506.9	4409.7	1071	92.32	88059	84.52	88003	84.42	87270	83.81	87339	81.91	87352	81.74	85340
2374	507.9	4409.7	1072	87.52	88059	83.89	88003	80.92	87270	80.38	87339	79.93	85340	78.49	87360
2375	508.9	4409.7	1073	81.62	88003	78.85	88059	77.99	87270	77.69	87339	77.05	87360	73.00	88064
2376	509.9	4409.7	1074	80.01	88003	75.45	88059	75.35	87339	75.09	87360	71.91	87270	69.81	88064
2377	510.9	4409.7	1075	78.59	88003	77.05	88059	75.94	87339	74.01	87270	73.10	87360	72.04	88064
2378	511.9	4409.7	1076	78.32	88003	77.32	88059	76.37	87339	74.12	87360	73.69	87270	72.01	88064
2379	512.9	4409.7	1077	108.76	88059	97.01	86339	95.63	87270	93.87	88003	90.10	85340	90.02	87337
2420	482.9	4410.7	1078	92.48	88047	85.14	85360	84.58	85070	82.04	88059	78.15	85040	76.26	89014
2421	483.9	4410.7	1079	90.62	88047	85.07	85360	83.85	85070	81.46	88059	78.24	85040	76.89	89014
2422	484.9	4410.7	1080	88.89	88047	85.17	85360	85.00	88059	83.52	85070	79.24	85040	77.42	89014
2423	485.9	4410.7	1081	88.30	88047	85.59	88059	85.07	85360	82.4	85070	78.63	85040	77.08	89014
2424	486.9	4410.7	1082	88.48	88047	87.86	85360	87.46	88059	82.95	85070	78.86	85040	77.74	89014
2425	487.9	4410.7	1083	91.14	88059	90.06	88047	88.90	85360	81.77	85070	81.53	87270	78.97	85040
2426	488.9	4410.7	1084	91.73	88059	90.56	88047	89.24	85360	81.59	87270	80.40	85070	80.08	89014
2427	489.9	4410.7	1085	92.22	88059	90.22	88047	88.19	85360	85.65	87270	79.96	85070	79.62	89014
2428	490.9	4410.7	1086	93.53	88059	91.68	88047	88.59	85360	84.31	87270	80.09	85040	79.49	85070
2429	491.9	4410.7	1087	95.43	88059	92.11	88047	86.20	87270	85.94	85360	80.24	85040	78.94	85070
2430	492.9	4410.7	1088	102.13	88059	93.27	88047	92.43	87270	85.41	85360	81.93	85040	81.71	89014
2431	493.9	4410.7	1089	98.85	88059	93.17	88047	85.44	87352	85.39	87270	83.41	87337	83.15	85360
2432	494.9	4410.7	1090	107.36	88059	94.51	88047	92.78	87270	88.38	86339	88.16	87352	87.28	85360
2433	495.9	4410.7	1091	107.10	88059	98.86	88047	96.93	87352	95.38	86339	93.44	87337	93.32	87351
2434	496.9	4410.7	1092	113.14	88059	99.03	87351	98.13	88047	97.99	86339	97.67	87270	97.35	87337
2435	497.9	4410.7	1093	108.05	88059	95.17	87337	93.70	88047	91.87	87352	91.68	87270	89.99	87351
2436	498.9	4410.7	1094	106.71	88059	93.72	88047	92.68	87270	90.2	87352	87.34	87351	84.44	87337
2437	499.9	4410.7	1095	113.44	88059	96.82	87270	90.24	87352	90.19	88047	88.27	87351	86.70	87337
2438	500.9	4410.7	1096	125.64	88059	109.05	87270	98.33	85340	96.54	87351	96.42	87353	96.04	87352
2439	501.9	4410.7	1097	109.36	88059	103.66	87337	101.85	87352	100.19	88003	99.57	89004	93.86	87333
2440	502.9	4410.7	1098	100.43	88059	92.14	87270	88.86	88003	88.38	87352	85.31	87337	84.31	89004
2441	503.9	4410.7	1099	90.43	88059	84.35	87352	84.00	88003	83.4	87337	81.61	87270	81.55	87339
2442	504.9	4410.7	1100	96.67	88059	88.72	87270	84.61	85340	83.45	87339	82.73	87352	80.64	88003
2443	505.9	4410.7	1101	90.93	88059	84.33	87339	84.27	87270	83.27	87333	82.89	87352	81.40	87337
2444	506.9	4410.7	1102	91.09	88059	84.01	87339	83.68	87270	81.86	88003	79.60	85340	79.53	87360
2445	507.9	4410.7	1103	88.77	88059	81.91	87339	81.41	88003	81.01	87270	79.57	87352	77.75	85340
2446	508.9	4410.7	1104	83.08	88003	79.54	87339	79.43	88059	78.02	87270	77.83	87360	74.23	87325
2447	509.9	4410.7	1105	78.71	88003	76.66	87339	76.43	88059	75.92	87360	71.96	87270	71.33	87325
2448	510.9	4410.7	1106	81.71	88003	77.53	87339	77.42	88059	75.42	87360	74.79	87270	71.56	88064
2449	511.9	4410.7	1107	80.52	88003	78.76	88059	78.28	87339	74.9	87270	74.71	87360	70.88	87337
2450	512.9	4410.7	1108	110.85	88059	98.89	86339	98.11	87270	93.39	88003	92.21	87359	91.53	87337
2491	482.9	4411.7	1109	88.85	88047	83.80	85360	83.40	85070	80.99	88059	74.84	89014	74.63	85040
2492	483.9	4411.7	1110	87.20	88047	84.26	85360	82.98	85070	78.53	88059	74.86	85040	74.29	89014
2493	484.9	4411.7	1111	87.97	88047	86.15	85360	83.41	88059	82.97	85070	75.34	89014	74.91	85040
2494	485.9	4411.7	1112	87.16	88047	87.11	85360	85.65	88059	81.59	85070	76.03	87270	75.24	89014
2495	486.9	4411.7	1113	88.86	88047	87.85	85360	87.75	88059	80.29	85070	78.38	87270	76.43	89014
2496	487.9	4411.7	1114	89.47	88059	88.55	88047	88.41	85360	80.73	87270	78.98	85070	77.88	89014
2497	488.9	4411.7	1115	89.44	88059	88.81	88047	88.07	85360	81.43	87270	78.93	85070	77.29	85040
2498	489.9	4411.7	1116	92.43	88059	89.72	88047	87.35	85360	84.56	87270	78.78	85070	78.21	85040

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2499	490.9	4411.7	1117	94.82	88059	90.57	88047	85.49	85360	83.57	87270	79.87	85070	78.20	85040
2500	491.9	4411.7	1118	97.77	88059	91.57	88047	85.26	87270	85.14	85360	81.19	85070	79.05	85040
2501	492.9	4411.7	1119	103.23	88059	94.03	88047	90.57	87270	86.73	85360	85.73	87352	84.47	87314
2502	493.9	4411.7	1120	101.11	88059	97.86	88047	92.05	87352	86.32	85360	86.14	87314	84.98	87270
2503	494.9	4411.7	1121	109.35	88059	99.43	88047	94.08	87352	93.4	87270	93.29	87314	90.49	87350
2504	495.9	4411.7	1122	104.32	88059	98.64	88047	97.99	87352	97.15	87351	95.50	88340	92.20	87337
2505	496.9	4411.7	1123	104.07	88059	92.41	88047	92.02	87270	90.74	87352	89.96	87351	88.58	87337
2506	497.9	4411.7	1124	104.63	88059	90.28	87270	90.01	87352	89.77	88047	87.99	87351	86.93	87337
2507	498.9	4411.7	1125	104.96	88059	93.66	87270	90.47	87352	88.9	88047	86.04	87351	85.75	87337
2508	499.9	4411.7	1126	111.42	88059	96.25	87270	89.55	87352	89.01	87351	86.59	88047	85.92	87337
2509	500.9	4411.7	1127	124.54	88059	108.52	87270	97.85	85340	96.95	87351	95.94	87353	94.80	87333
2510	501.9	4411.7	1128	110.85	88059	103.12	87337	100.96	87352	99.61	89004	98.53	88003	92.99	87270
2511	502.9	4411.7	1129	100.53	88059	91.34	87270	88.85	87352	86.18	88003	85.77	87337	84.91	89004
2512	503.9	4411.7	1130	92.86	88059	83.98	87337	83.52	87352	83.26	88003	82.02	87270	81.40	87339
2513	504.9	4411.7	1131	92.29	88059	85.35	87270	82.87	87352	81.84	87339	80.96	88003	80.55	85340
2514	505.9	4411.7	1132	88.75	88059	81.58	87352	80.97	87339	80.11	87270	77.06	88003	76.34	85340
2515	506.9	4411.7	1133	93.78	88059	84.77	87339	84.31	87270	80.08	87352	79.34	85340	78.34	87360
2516	507.9	4411.7	1134	91.92	88059	84.98	87339	84.09	88003	81.96	87352	81.48	87270	79.69	87325
2517	508.9	4411.7	1135	83.09	87339	82.50	88003	80.51	87352	80.05	88059	78.12	87360	77.85	87270
2518	509.9	4411.7	1136	80.57	88003	79.24	88059	79.03	87339	77.76	87360	72.97	87325	72.72	87270
2519	510.9	4411.7	1137	82.48	88003	77.86	87339	77.09	88059	76.75	87360	74.16	87270	73.38	88064
2520	511.9	4411.7	1138	80.39	88003	79.21	88059	78.17	87339	75.94	87360	74.38	87270	72.10	87337
2521	512.9	4411.7	1139	107.75	88059	100.36	86339	97.76	87270	92.77	87337	92.50	87359	92.09	88003
2562	482.9	4412.7	1140	84.47	85360	84.33	88047	82.62	85070	80.11	88059	75.02	85040	74.23	89014
2563	483.9	4412.7	1141	84.41	85360	83.76	88047	81.56	85070	77.79	88059	74.97	85040	73.63	89014
2564	484.9	4412.7	1142	86.04	88047	85.81	85360	82.71	88059	80.51	85070	76.31	85040	74.20	89014
2565	485.9	4412.7	1143	86.59	85360	85.13	88047	84.47	88059	79.13	85070	77.28	85040	75.45	89014
2566	486.9	4412.7	1144	88.52	85360	84.91	88059	84.63	88047	79.71	85070	77.07	87270	76.79	85040
2567	487.9	4412.7	1145	88.17	88059	86.23	85360	84.01	88047	79.25	85070	78.40	87270	75.70	85040
2568	488.9	4412.7	1146	90.00	88059	84.44	85360	83.56	88047	79.73	85070	78.88	87270	75.46	85040
2569	489.9	4412.7	1147	92.64	88059	84.13	85360	84.05	88047	81.95	87270	80.43	85070	76.59	85040
2570	490.9	4412.7	1148	95.02	88059	88.08	88047	86.84	85360	82.8	87270	82.47	85070	78.98	89014
2571	491.9	4412.7	1149	102.04	88059	92.56	88047	90.29	85360	88.24	87270	86.03	85070	83.32	89014
2572	492.9	4412.7	1150	110.49	88059	97.58	88047	96.42	87270	93.58	85360	91.84	86339	87.02	85070
2573	493.9	4412.7	1151	107.79	88059	101.27	88047	93.59	87270	93.35	86339	92.62	87337	91.50	85360
2574	494.9	4412.7	1152	112.51	88059	102.90	86339	99.38	88047	99.25	87270	99.24	87351	96.76	87337
2575	495.9	4412.7	1153	103.11	88059	98.18	87337	93.78	87351	91.04	88047	90.50	87352	89.30	87270
2576	496.9	4412.7	1154	105.15	88059	94.13	87270	89.33	87337	89.26	87351	86.26	87352	85.59	88047
2577	497.9	4412.7	1155	103.45	88059	91.86	87270	89.13	87337	88.84	87352	87.91	87351	84.79	88047
2578	498.9	4412.7	1156	103.86	88059	93.50	87270	88.15	87352	86.59	88047	86.57	87337	85.47	87351
2579	499.9	4412.7	1157	111.93	88059	96.41	87270	87.43	87351	87.1	87337	86.79	87333	86.49	87352
2580	500.9	4412.7	1158	124.91	88059	109.40	87270	98.31	85340	95.9	87353	94.70	87333	92.61	87351
2581	501.9	4412.7	1159	112.29	88059	101.59	87337	99.68	89004	97.81	87352	96.38	88003	94.62	87351
2582	502.9	4412.7	1160	101.31	88059	91.52	87270	88.86	87352	88.04	87337	85.94	87339	83.76	89004
2583	503.9	4412.7	1161	94.99	88059	83.80	87337	83.62	87270	82.52	87352	81.46	87339	78.04	88003
2584	504.9	4412.7	1162	94.30	88059	86.33	87270	84.06	87339	82.64	85340	82.48	87352	80.00	88003
2585	505.9	4412.7	1163	88.78	88059	84.34	87339	81.48	87352	79.83	87270	77.95	88003	76.80	87337
2586	506.9	4412.7	1164	95.94	88059	86.44	87339	85.65	87270	78.67	85340	78.35	87352	76.25	87350
2587	507.9	4412.7	1165	101.12	88059	94.36	87339	92.61	87270	86.72	85340	86.43	87337	84.69	88003
2588	508.9	4412.7	1166	91.38	87339	83.33	88059	82.75	88003	82.44	87270	82.27	87352	81.40	87360
2589	509.9	4412.7	1167	83.28	88059	81.98	87339	77.70	88003	76.75	87270	75.91	87360	74.06	85340

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2590	510.9	4412.7	1168	85.20	88003	79.38	87339	77.74	88059	77.44	87360	75.13	87270	74.36	88064
2591	511.9	4412.7	1169	79.43	88003	78.62	88059	74.35	87339	74.11	87360	73.58	87270	71.56	88064
2592	512.9	4412.7	1170	89.55	88059	82.59	88003	81.31	87270	77.41	85340	74.70	87339	73.67	87337
2633	482.9	4413.7	1171	84.49	88047	83.48	85360	80.48	85070	78.14	88059	72.28	85040	72.02	87270
2634	483.9	4413.7	1172	84.91	85360	84.41	88047	79.32	85070	77.81	88059	72.28	89014	71.73	85040
2635	484.9	4413.7	1173	87.41	85360	84.17	88047	83.77	88059	79.87	85070	74.27	87270	73.75	89014
2636	485.9	4413.7	1174	87.10	85360	84.72	88059	82.73	88047	79.83	85070	76.44	87270	74.10	89014
2637	486.9	4413.7	1175	86.96	88059	85.72	85360	84.05	88047	79.96	85070	77.26	87270	72.76	89014
2638	487.9	4413.7	1176	88.81	88059	83.84	85360	83.50	88047	79.23	85070	77.87	87270	72.43	85040
2639	488.9	4413.7	1177	90.84	88059	85.38	88047	85.01	85360	80.35	85070	78.62	87270	73.18	85040
2640	489.9	4413.7	1178	92.29	88059	88.57	88047	87.69	85360	83.28	85070	81.95	87270	75.68	89014
2641	490.9	4413.7	1179	94.43	88047	94.21	88059	88.34	85360	85.04	85070	81.69	87270	76.69	89014
2642	491.9	4413.7	1180	100.15	88059	96.17	88047	89.80	85360	86.08	87270	82.53	85070	79.11	86339
2643	492.9	4413.7	1181	101.84	88059	95.86	88047	92.92	87270	86.94	85360	82.35	86339	80.70	87337
2644	493.9	4413.7	1182	102.67	88059	95.27	88047	88.81	87270	86.09	86339	85.95	85360	84.68	87337
2645	494.9	4413.7	1183	103.90	88059	93.29	87270	92.32	87351	89.02	88047	88.29	87352	87.83	87337
2646	495.9	4413.7	1184	97.39	88059	88.45	87337	86.13	87351	85.74	87270	84.80	87352	83.88	88047
2647	496.9	4413.7	1185	101.80	88059	92.20	87270	85.38	87351	83.38	87337	82.87	88047	82.48	87352
2648	497.9	4413.7	1186	101.15	88059	89.90	87270	87.65	87352	86.27	88047	84.52	87351	83.76	87337
2649	498.9	4413.7	1187	102.68	88059	91.57	87270	85.46	87352	83.95	87351	83.91	88047	80.91	87337
2650	499.9	4413.7	1188	110.02	88059	95.40	87270	85.33	87352	84.32	87351	82.65	87333	82.45	88047
2651	500.9	4413.7	1189	122.07	88059	108.26	87270	96.57	85340	96.25	87353	92.61	87333	91.68	86339
2652	501.9	4413.7	1190	112.49	88059	97.51	87337	96.15	89004	94.1	87352	93.27	87270	93.08	88003
2653	502.9	4413.7	1191	99.57	88059	89.63	87270	89.12	87352	85.34	87339	84.63	87337	83.41	89004
2654	503.9	4413.7	1192	95.14	88059	83.44	87352	82.33	87270	81.37	87339	80.58	87337	79.22	88003
2655	504.9	4413.7	1193	93.91	88059	84.95	87270	83.49	87339	82.13	85340	82.06	87352	77.98	88003
2656	505.9	4413.7	1194	88.35	88059	83.26	87339	81.04	87352	78.7	87270	78.32	88003	74.72	87337
2657	506.9	4413.7	1195	92.79	88059	83.58	87339	81.32	87270	77.16	87352	75.97	88003	74.79	85340
2658	507.9	4413.7	1196	91.62	88059	85.08	87270	84.56	87339	78.39	87352	78.25	85340	76.16	88003
2659	508.9	4413.7	1197	83.57	87339	82.50	88059	80.10	87270	76.28	88003	76.13	87325	76.08	87352
2660	509.9	4413.7	1198	81.54	88059	80.85	88003	78.47	87339	75.53	87352	74.86	87270	74.21	87360
2661	510.9	4413.7	1199	79.93	88003	77.79	88059	75.54	87339	75.45	87270	75.45	87360	74.92	87352
2662	511.9	4413.7	1200	81.24	88003	78.08	88059	75.23	87360	72.79	87270	71.75	87352	71.38	87339
2663	512.9	4413.7	1201	85.15	88059	78.96	88003	77.82	87270	76.06	85340	73.58	87360	71.22	87339
2704	482.9	4414.7	1202	84.52	85360	82.15	88047	79.71	85070	79.19	88059	71.25	87270	71.10	89014
2705	483.9	4414.7	1203	86.08	85360	83.30	88047	80.30	85070	79.65	88059	71.82	87270	71.81	89014
2706	484.9	4414.7	1204	86.69	85360	85.06	88059	84.20	88047	80.43	85070	75.55	87270	73.50	89014
2707	485.9	4414.7	1205	84.66	85360	83.91	88059	81.77	88047	78.63	85070	75.17	87270	70.91	89014
2708	486.9	4414.7	1206	86.45	88059	85.63	85360	83.23	88047	79.5	85070	77.41	87270	71.88	89014
2709	487.9	4414.7	1207	89.95	88059	87.97	85360	86.26	88047	82.33	85070	78.41	87270	73.30	89014
2710	488.9	4414.7	1208	92.46	88059	91.51	88047	90.67	85360	83.93	85070	80.78	87270	76.19	89014
2711	489.9	4414.7	1209	95.16	88047	93.73	88059	88.57	85360	84.66	87270	81.57	85070	75.28	89014
2712	490.9	4414.7	1210	98.78	88047	96.34	88059	89.60	85360	83.87	87270	78.41	85070	77.64	86339
2713	491.9	4414.7	1211	97.53	88059	92.78	88047	87.38	87270	84.82	85360	78.64	86339	77.40	87351
2714	492.9	4414.7	1212	100.34	88059	91.41	87270	90.83	88047	82.09	85360	79.40	88015	78.60	86339
2715	493.9	4414.7	1213	100.18	88059	90.73	88047	88.49	87270	87.13	87351	85.29	86339	83.50	87352
2716	494.9	4414.7	1214	98.59	88059	90.93	87270	89.31	87351	87.81	87352	86.73	88047	85.77	87337
2717	495.9	4414.7	1215	96.32	88059	84.94	88047	84.85	87351	84.26	87270	83.64	87352	82.96	87337
2718	496.9	4414.7	1216	100.89	88059	91.80	87270	85.42	87351	84.13	88047	82.31	87352	81.32	87337
2719	497.9	4414.7	1217	101.19	88059	89.04	87270	88.03	87352	87.5	88047	83.87	87351	83.78	87337
2720	498.9	4414.7	1218	103.88	88059	91.35	87270	86.09	87352	84.53	87351	84.01	88047	81.15	87337

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2721	499.9	4414.7	1219	109.31	88059	94.97	87270	85.86	87352	84.29	87351	82.62	88047	82.50	87333
2722	500.9	4414.7	1220	118.80	88059	104.92	87270	95.62	85340	92.32	87353	90.25	87351	90.23	87352
2723	501.9	4414.7	1221	114.06	88059	95.43	89004	94.62	87352	94.22	88003	93.71	87337	93.37	87270
2724	502.9	4414.7	1222	101.38	88059	89.60	87270	89.51	87352	86.89	87337	85.24	87339	84.30	89004
2725	503.9	4414.7	1223	97.01	88059	85.50	87352	81.94	87270	81.31	87339	80.90	87337	79.60	88003
2726	504.9	4414.7	1224	95.30	88059	85.39	87270	82.70	87339	81.88	85340	80.26	87352	78.82	88003
2727	505.9	4414.7	1225	90.50	88059	81.94	87352	81.91	87339	79.04	87270	76.47	88003	75.25	85340
2728	506.9	4414.7	1226	95.26	88059	83.82	87339	83.81	87270	80.17	87352	79.59	88003	77.42	85340
2729	507.9	4414.7	1227	89.17	88059	84.50	87270	83.57	87339	77.21	88003	77.16	87352	76.62	85340
2730	508.9	4414.7	1228	83.52	88059	82.64	87270	80.24	87339	74.24	87350	74.16	85340	73.92	87352
2731	509.9	4414.7	1229	82.20	88059	78.25	88003	77.79	87339	76.68	87352	75.48	87360	74.97	87270
2732	510.9	4414.7	1230	85.95	88003	79.05	87352	76.35	88059	74.68	87270	74.36	88064	74.04	87360
2733	511.9	4414.7	1231	77.73	88059	77.58	88003	74.91	87360	73.12	87352	72.19	87270	71.67	85340
2734	512.9	4414.7	1232	82.56	88059	80.09	88003	76.11	85340	75.42	87270	74.21	87360	70.55	87339
2775	482.9	4415.7	1233	86.03	85360	81.22	88059	81.13	88047	78.57	85070	72.39	89014	72.36	87270
2776	483.9	4415.7	1234	86.68	85360	82.33	88047	81.02	88059	77.89	85070	74.27	87270	73.66	89014
2777	484.9	4415.7	1235	87.31	85360	85.43	88059	82.76	88047	79.27	85070	76.24	87270	73.72	89014
2778	485.9	4415.7	1236	86.60	85360	83.65	88059	82.81	88047	80.78	85070	74.96	87270	72.32	89014
2779	486.9	4415.7	1237	88.06	85360	85.85	88059	85.24	88047	82.42	85070	76.20	87270	70.98	89014
2780	487.9	4415.7	1238	88.62	85360	88.60	88047	85.64	88059	80.43	85070	77.20	87270	72.71	89014
2781	488.9	4415.7	1239	92.35	88047	91.69	88059	86.45	85360	80.29	87270	78.58	85070	73.26	89014
2782	489.9	4415.7	1240	93.49	88059	90.06	88047	85.54	85360	83.36	87270	75.00	85070	73.02	89014
2783	490.9	4415.7	1241	92.01	88059	88.05	88047	82.78	87270	82.54	85360	75.54	89014	73.94	86339
2784	491.9	4415.7	1242	94.32	88059	84.21	87270	83.59	88047	79.93	85360	74.68	88015	74.51	87337
2785	492.9	4415.7	1243	98.09	88059	91.95	87270	86.34	88047	83.35	85360	81.88	86339	80.03	88015
2786	493.9	4415.7	1244	98.55	88059	90.93	87351	89.68	88047	87.61	87270	84.89	86339	84.74	87352
2787	494.9	4415.7	1245	100.36	88059	91.18	87270	88.51	87351	86.83	87337	85.27	88047	84.92	87352
2788	495.9	4415.7	1246	97.42	88059	85.63	87270	85.49	87351	84.02	87337	82.82	88047	82.21	87352
2789	496.9	4415.7	1247	102.08	88059	92.32	87270	86.02	87351	83.53	87337	82.93	88047	81.48	87352
2790	497.9	4415.7	1248	103.15	88059	90.45	87270	86.28	87351	85.94	87352	85.74	87337	84.50	88047
2791	498.9	4415.7	1249	104.69	88059	91.34	87270	84.78	87352	83.95	87351	82.84	87337	81.04	87333
2792	499.9	4415.7	1250	113.31	88059	96.51	87270	86.38	87351	85.88	87333	84.93	87352	83.79	87353
2793	500.9	4415.7	1251	120.99	88059	107.14	87270	95.61	85340	94.43	87353	92.92	87333	90.86	86339
2794	501.9	4415.7	1252	115.86	88059	94.65	87337	94.61	87270	92.84	89004	91.99	87352	90.45	87333
2795	502.9	4415.7	1253	103.83	88059	90.71	87270	89.95	87337	88.86	87352	85.96	88003	85.80	87339
2796	503.9	4415.7	1254	97.47	88059	84.94	87352	82.44	87270	81.4	87337	81.32	87339	81.02	88003
2797	504.9	4415.7	1255	96.15	88059	86.36	87270	82.55	87339	81.13	85340	79.33	87337	78.24	87352
2798	505.9	4415.7	1256	92.72	88059	80.67	87270	80.48	87352	79.97	87339	76.76	85340	76.17	87337
2799	506.9	4415.7	1257	92.66	88059	82.08	87270	82.02	87339	76.94	87352	76.22	85340	74.03	87337
2800	507.9	4415.7	1258	87.79	88059	84.01	87270	80.54	87339	73.71	87352	73.66	85340	73.23	88003
2801	508.9	4415.7	1259	82.99	87270	81.47	88059	76.79	87339	73.45	88003	71.58	87352	71.54	85340
2802	509.9	4415.7	1260	92.15	88059	91.53	89024	86.10	85314	82.32	87356	81.08	87314	80.37	87270
2803	510.9	4415.7	1261	94.77	88003	91.67	87352	88.17	85007	86.62	87351	83.95	86068	82.06	87325
2804	511.9	4415.7	1262	78.57	88003	78.30	88059	73.38	87360	72.42	87270	72.36	87339	72.32	87352
2805	512.9	4415.7	1263	81.59	88059	75.33	85340	75.08	88003	74.01	87270	73.75	87360	70.03	87339
2846	482.9	4416.7	1264	86.23	85360	80.60	88047	80.27	88059	78.64	85070	72.64	89014	72.43	87270
2847	483.9	4416.7	1265	87.11	85360	81.80	88047	80.98	85070	78.27	88059	72.27	87270	71.34	89014
2848	484.9	4416.7	1266	89.21	85360	83.70	88047	82.82	85070	82.04	88059	74.61	87270	71.35	89014
2849	485.9	4416.7	1267	87.93	85360	86.52	88047	82.38	88059	80.6	85070	74.14	87270	70.45	88016
2850	486.9	4416.7	1268	88.93	88047	86.83	85360	84.53	88059	77.72	85070	75.96	87270	70.56	89014
2851	487.9	4416.7	1269	89.02	88047	85.75	88059	82.90	85360	76.71	87270	75.20	85070	70.05	88016

SUMMARY OF MODEL RESULTS FOR 2001 BASE MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2852	488.9	4416.7	1270	90.53	88059	86.80	88047	82.90	85360	78.37	87270	73.08	85070	70.93	89014
2853	489.9	4416.7	1271	91.00	88059	83.70	88047	82.85	87270	81.05	85360	72.67	89014	72.41	85070
2854	490.9	4416.7	1272	89.42	88059	82.46	88047	82.00	87270	81.49	85360	75.28	88015	74.32	86339
2855	491.9	4416.7	1273	92.95	88059	82.81	87270	81.40	88047	80.64	85360	75.49	88015	74.79	87337
2856	492.9	4416.7	1274	97.91	88059	92.04	87270	84.85	87351	84.66	88047	84.33	86339	81.00	85360
2857	493.9	4416.7	1275	98.29	88059	87.12	87351	86.34	87270	85.38	87337	84.99	88047	82.24	87333
2858	494.9	4416.7	1276	98.86	88059	90.63	87270	86.70	87351	83.88	87337	80.92	87352	80.79	88047
2859	495.9	4416.7	1277	97.38	88059	83.77	87270	83.60	87351	81.69	87337	79.59	88047	79.32	87352
2860	496.9	4416.7	1278	100.45	88059	89.86	87270	82.38	87351	81.64	87352	80.70	88047	80.66	87337
2861	497.9	4416.7	1279	101.91	88059	87.25	87270	84.05	87337	83.67	87352	82.09	87351	81.68	88047
2862	498.9	4416.7	1280	104.29	88059	87.87	87270	83.78	87352	81.93	87351	80.54	87337	78.24	88047
2863	499.9	4416.7	1281	111.12	88059	93.60	87270	84.30	87352	83.5	87351	80.89	87333	80.43	85340
2864	500.9	4416.7	1282	117.12	88059	104.02	87270	90.50	85340	90.15	87353	87.54	87333	86.51	86345
2865	501.9	4416.7	1283	115.11	88059	93.52	87270	91.38	87337	88.97	89004	88.39	87333	87.73	86345
2866	502.9	4416.7	1284	107.11	88059	94.21	87337	93.98	87270	86.94	87339	86.30	87352	85.60	89004
2867	503.9	4416.7	1285	96.57	88059	83.64	87352	81.65	87337	81.59	87270	81.59	87339	80.10	88003
2868	504.9	4416.7	1286	94.91	88059	86.03	87270	80.45	87339	78.39	85340	77.79	87337	77.10	87352
2869	505.9	4416.7	1287	91.46	88059	79.91	87270	79.14	87352	78.19	87339	75.88	85340	74.37	87337
2870	506.9	4416.7	1288	90.44	88059	80.75	87270	78.95	87339	75.9	87352	74.31	85340	72.19	88003
2871	507.9	4416.7	1289	85.78	88059	81.38	87270	78.83	87339	72.8	87352	72.27	85340	71.81	87360
2872	508.9	4416.7	1290	82.03	87270	80.87	88059	77.20	87339	74.57	87360	72.77	88003	72.71	87352
2873	509.9	4416.7	1291	112.61	86339	112.42	88059	103.87	87270	103.19	87359	97.56	87350	96.46	87337
2874	510.9	4416.7	1292	107.37	86355	98.39	87333	94.06	86351	92.42	87339	92.38	88352	90.66	85340
2875	511.9	4416.7	1293	77.18	88059	76.29	88003	74.30	87360	72.63	87352	72.55	87339	71.34	85340
2876	512.9	4416.7	1294	80.38	88059	76.88	88003	74.57	85340	72.77	87270	70.75	87360	70.01	87339
Max				143.91		133.78		132.54		130.35		127.23		126.05	

## Appendix H

### Summary of Dispersion Model Results for 2009

## APPENDIX H – SUMMARY OF DISPERSION MODEL RESULTS FOR 2009

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1	477.9	4376.7	1	91.48	88064	88.26	85040	88.24	88291	83.63	89288	82.42	88047	81.27	85270
2	482.9	4376.7	2	103.86	88064	87.79	89288	86.17	85040	85.11	85270	84.22	86107	84.18	88291
3	487.9	4376.7	3	111.37	88064	100.46	89288	94.81	86107	92.69	85270	87.78	89344	87.00	85040
4	492.9	4376.7	4	119.84	88064	106.95	89288	106.16	86107	94.94	85270	92.93	85007	92.88	89344
5	497.9	4376.7	5	117.22	88064	111.59	89288	104.61	86107	100.82	85007	98.06	85270	94.19	85326
6	502.9	4376.7	6	125.36	88064	116.14	85007	109.84	88003	106.81	85326	105.74	86107	104.40	89288
7	507.9	4376.7	7	117.97	85007	114.63	88064	113.51	88003	108.93	85326	103.73	89288	99.61	86107
8	512.9	4376.7	8	102.90	88003	102.16	85326	98.65	89051	95.07	85007	90.52	86068	90.36	88064
9	517.9	4376.7	9	92.28	85326	88.46	88064	87.27	86068	87.09	88354	86.89	85007	86.73	88003
10	522.9	4376.7	10	86.32	86068	83.68	88003	82.01	85326	79.95	88354	79.73	85332	74.75	88070
11	527.9	4376.7	11	87.64	86068	75.21	88354	73.99	85326	73.23	85332	68.08	88070	68.07	86346
12	532.9	4376.7	12	84.85	86068	67.48	88354	65.73	85320	64.75	85326	64.71	85332	64.22	86030
13	537.9	4376.7	13	81.72	86068	64.42	85320	63.27	86030	62.41	85332	61.33	88354	61.21	86329
14	542.9	4376.7	14	79.58	86068	66.11	86030	63.22	85320	61.74	86329	60.98	85270	59.93	89308
15	547.9	4376.7	15	80.57	86068	63.68	85320	63.09	86030	60.92	86329	60.59	85270	58.44	88070
16	477.9	4381.7	16	103.49	85040	94.35	88064	91.44	88291	88.59	85270	86.33	88047	86.28	86284
17	482.9	4381.7	17	103.05	88064	99.78	85040	92.51	85270	89.87	88291	86.55	86284	85.85	89288
18	487.9	4381.7	18	114.54	88064	102.23	85040	98.95	85270	94.71	89288	93.27	86107	89.17	88291
19	492.9	4381.7	19	124.13	88064	109.51	86107	103.83	89288	101.27	85270	96.37	85040	95.47	89024
20	497.9	4381.7	20	123.41	88064	110.98	89288	106.09	86107	103.88	85270	100.82	85007	97.28	88003
21	502.9	4381.7	21	127.89	88064	116.87	88003	111.66	85007	110.69	85326	108.47	86107	104.81	89288
22	507.9	4381.7	22	121.23	88064	118.43	88003	114.74	85007	112.78	85326	106.38	86107	103.15	89288
23	512.9	4381.7	23	99.99	88003	96.24	85326	94.02	86068	92.50	86107	92.03	88064	90.62	85332
24	517.9	4381.7	24	96.06	88003	91.42	86068	90.24	88064	89.73	85326	87.76	85007	83.60	88354
25	522.9	4381.7	25	90.21	86068	82.46	88003	79.87	85326	78.41	88354	75.28	85332	74.88	86329
26	527.9	4381.7	26	88.66	86068	72.75	85326	70.77	88354	70.57	88003	69.72	86329	69.12	85320
27	532.9	4381.7	27	83.96	86068	66.00	86329	65.24	86107	64.12	86030	63.81	85320	63.49	88354
28	537.9	4381.7	28	81.25	86068	67.65	86030	65.47	86329	63.50	86107	63.44	85320	61.85	85270
29	542.9	4381.7	29	81.79	86068	65.19	85320	62.76	86107	62.73	86329	61.96	86030	59.84	85270
30	547.9	4381.7	30	77.00	86068	62.66	86329	62.63	86107	62.58	85320	59.09	86030	58.84	85270
31	477.9	4386.7	31	109.75	85040	98.25	88047	94.55	88291	91.15	85270	90.78	88064	84.75	86284
32	482.9	4386.7	32	117.56	85040	107.67	88064	102.14	88047	100.38	85270	96.30	88291	90.42	89024
33	487.9	4386.7	33	119.27	88064	110.91	85040	103.64	85270	98.59	88047	94.98	88291	92.87	86107
34	492.9	4386.7	34	118.46	88064	108.55	86107	104.84	85040	103.19	85270	98.60	89288	96.22	88047
35	497.9	4386.7	35	128.14	88064	110.16	89288	108.85	85270	107.49	88003	106.06	86107	104.87	85007
36	502.9	4386.7	36	125.98	88064	120.16	88003	109.95	85326	109.57	85007	107.13	86107	102.15	89288
37	507.9	4386.7	37	140.09	88003	131.55	88064	129.64	85007	127.35	85326	126.71	87352	116.73	87314
38	512.9	4386.7	38	97.54	86107	97.24	88003	96.90	86068	93.17	88064	92.34	85326	87.83	85007
39	517.9	4386.7	39	104.92	88003	95.24	86068	92.27	88064	92.10	85007	90.14	85326	84.04	86107
40	522.9	4386.7	40	91.74	86068	80.75	85326	80.60	88003	77.90	86107	76.02	86329	74.14	85007
41	527.9	4386.7	41	89.81	86068	74.38	88003	74.16	86329	73.21	86107	70.86	86346	69.31	85320
42	532.9	4386.7	42	86.05	86068	69.56	86329	68.25	86107	67.62	85320	66.08	86030	64.33	85332
43	537.9	4386.7	43	82.87	86068	66.86	86107	65.47	86329	64.86	85320	60.13	85270	59.96	86030
44	542.9	4386.7	44	77.32	86068	66.40	86107	65.32	86329	62.60	85320	59.98	89320	59.67	85270
45	547.9	4386.7	45	74.44	86068	65.13	86107	63.87	85320	62.92	86329	59.07	88291	58.95	85270

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
46	477.9	4391.7	46	114.97	85040	104.80	88047	97.79	85270	93.75	88064	87.48	86284	87.11	88291
47	482.9	4391.7	47	113.96	85040	108.19	88047	107.49	88064	101.88	85270	92.75	88291	90.36	86284
48	487.9	4391.7	48	114.38	85040	112.11	88064	111.19	88047	103.20	85270	98.02	88291	88.91	86107
49	492.9	4391.7	49	117.86	85040	117.20	88064	110.07	88047	109.19	85270	103.91	86107	99.27	88291
50	497.9	4391.7	50	126.87	88064	116.87	85270	115.83	85040	110.41	88047	109.58	88003	106.07	85007
51	502.9	4391.7	51	140.99	88064	132.18	88003	124.14	85007	115.19	85326	113.70	87352	111.21	86107
52	507.9	4391.7	52	123.64	88003	109.83	88064	107.54	87352	105.32	85007	103.27	85326	100.86	86068
53	512.9	4391.7	53	101.01	88003	99.12	86068	98.08	88064	95.26	86107	89.70	85007	89.27	87352
54	517.9	4391.7	54	108.59	88003	94.29	86068	92.76	85007	91.97	88064	88.77	85326	87.05	86329
55	522.9	4391.7	55	91.78	86068	83.32	88003	81.02	86329	79.71	86107	74.58	88064	74.24	85007
56	527.9	4391.7	56	89.94	86068	76.42	86329	74.57	88003	73.41	86107	71.80	85320	68.45	86346
57	532.9	4391.7	57	80.12	86068	70.63	86107	68.73	86329	65.55	85320	63.90	88003	62.23	86346
58	537.9	4391.7	58	76.18	86068	70.22	86107	67.02	86329	64.17	85320	60.25	88348	60.12	85270
59	542.9	4391.7	59	75.28	86068	69.04	86107	64.44	86329	62.62	85320	59.62	88348	58.84	88291
60	547.9	4391.7	60	73.28	86068	67.69	86107	63.13	86329	60.04	85320	58.25	88348	57.62	88291
61	477.9	4396.7	61	117.61	85040	114.13	88047	96.25	85270	93.35	85070	88.95	88016	86.54	88064
62	482.9	4396.7	62	125.82	88047	123.87	85040	103.73	85270	103.03	88064	97.12	87314	96.58	88016
63	487.9	4396.7	63	131.12	88047	126.11	85040	117.50	88064	111.96	85270	110.37	85328	108.65	88016
64	492.9	4396.7	64	130.57	88047	123.70	88064	122.45	85040	113.47	85270	107.41	87314	105.57	85328
65	497.9	4396.7	65	131.18	88064	126.01	88047	121.65	88059	118.88	85040	118.18	88003	115.50	85007
66	502.9	4396.7	66	132.99	88064	127.73	88003	121.59	87352	120.17	85007	112.65	88047	112.07	87327
67	507.9	4396.7	67	116.59	88003	106.93	88064	104.63	86068	102.12	87352	101.73	88059	98.92	86107
68	512.9	4396.7	68	98.92	88003	95.77	88064	95.60	87352	95.22	86068	94.42	86107	91.60	85007
69	517.9	4396.7	69	109.69	88003	98.96	86068	94.58	85007	94.41	88064	88.47	86329	86.76	86107
70	522.9	4396.7	70	90.95	86068	85.86	88003	81.59	86107	76.61	86346	76.00	86329	75.56	85007
71	527.9	4396.7	71	83.64	86068	77.03	88003	76.83	86107	73.42	86329	68.66	85007	67.45	85320
72	532.9	4396.7	72	78.97	86068	74.06	86107	69.99	86329	66.67	88003	64.42	85320	62.71	85007
73	537.9	4396.7	73	75.53	86068	71.70	86107	66.48	86329	61.40	85007	61.23	85320	61.15	88291
74	542.9	4396.7	74	71.25	86068	70.07	86107	64.42	86329	60.97	85007	60.09	88291	59.11	88348
75	547.9	4396.7	75	68.94	86107	67.36	86068	63.20	86329	59.29	85007	59.29	88291	57.84	88348
76	477.9	4401.7	76	116.24	85040	114.00	88047	104.85	85070	93.06	85270	91.26	88016	88.49	88059
77	482.9	4401.7	77	116.16	85040	113.74	88047	102.25	85070	98.13	85270	93.34	88059	91.61	88016
78	487.9	4401.7	78	122.95	88047	113.11	85040	105.80	88059	105.79	85070	103.52	88064	100.37	85270
79	492.9	4401.7	79	121.34	88047	114.40	85040	111.78	88059	111.11	88064	102.21	85270	100.37	85360
80	497.9	4401.7	80	121.36	88059	116.28	88064	114.58	88047	110.06	88003	108.96	85040	108.50	87352
81	502.9	4401.7	81	131.81	88003	127.24	87352	120.72	88064	117.73	88047	113.70	88059	113.17	85007
82	507.9	4401.7	82	109.55	88003	103.31	88059	103.16	88064	98.93	88047	98.36	87352	94.71	87270
83	512.9	4401.7	83	108.85	88003	99.50	86068	98.94	87352	95.34	88064	94.16	85007	93.23	87351
84	517.9	4401.7	84	107.22	88003	92.73	86068	88.60	86329	87.33	88064	86.08	87352	85.85	85007
85	522.9	4401.7	85	89.42	88003	87.28	86068	81.48	87360	78.13	86329	77.84	86107	76.54	88064
86	527.9	4401.7	86	81.55	86068	78.23	88003	74.53	86107	72.42	86329	71.17	87360	67.93	85320
87	532.9	4401.7	87	73.09	86068	71.79	86107	69.28	88003	66.87	86329	65.49	87360	62.81	85320
88	537.9	4401.7	88	71.01	86107	67.75	86068	63.67	86329	62.76	88003	61.68	88291	60.64	87360
89	542.9	4401.7	89	70.17	86107	64.53	86068	63.13	86329	59.74	88003	59.55	89346	59.39	88291
90	547.9	4401.7	90	68.63	86107	63.14	86068	62.20	86329	58.66	89346	58.06	88291	57.96	88003
91	477.9	4406.7	91	108.08	88047	105.92	85070	105.18	88004	102.91	89024	94.42	88059	94.18	85040
92	482.9	4406.7	92	115.79	88047	104.47	85360	101.69	85070	95.22	85040	94.57	89014	93.82	88059
93	487.9	4406.7	93	121.61	88047	109.74	88016	108.94	88059	104.80	85360	102.73	85070	102.53	89014
94	492.9	4406.7	94	122.49	88047	121.24	88059	108.27	87270	104.76	85360	104.39	89014	103.84	85040
95	497.9	4406.7	95	137.67	88059	122.17	88047	121.33	86339	119.17	87270	112.05	87337	111.73	87352
96	502.9	4406.7	96	146.55	88059	139.26	86339	134.21	88003	127.88	87270	125.71	87337	123.63	87350

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
97	507.9	4406.7	97	103.08	88059	97.88	88003	95.04	87270	91.60	85340	91.57	87339	89.52	88047
98	512.9	4406.7	98	100.10	89024	99.65	88059	97.33	88064	92.41	88003	91.40	88047	89.74	86107
99	517.9	4406.7	99	111.50	88003	102.95	85007	100.45	86068	93.47	87352	90.18	87360	89.40	88064
100	522.9	4406.7	100	86.49	88003	81.64	86068	78.41	86107	77.93	87360	75.48	87325	75.46	87339
101	527.9	4406.7	101	84.93	88003	79.12	87360	73.73	86068	73.65	86107	70.77	88064	69.27	86329
102	532.9	4406.7	102	75.51	88003	70.03	86107	69.53	86068	68.90	87360	65.97	86329	62.79	88064
103	537.9	4406.7	103	69.71	86107	67.49	88003	64.74	86068	63.29	86329	62.46	87360	60.63	89346
104	542.9	4406.7	104	68.57	86107	64.30	88003	62.57	86068	62.03	86329	59.50	85015	59.22	89346
105	547.9	4406.7	105	67.27	86107	61.20	86329	60.99	88003	60.97	86068	58.84	89346	58.64	85015
106	477.9	4411.7	106	108.72	89014	106.18	85360	104.75	88047	102.98	85070	97.74	87270	97.68	85040
107	482.9	4411.7	107	123.39	89346	106.96	88047	98.20	85040	98.02	85360	97.71	85070	94.08	88059
108	487.9	4411.7	108	104.41	88059	103.61	88047	101.13	85360	93.80	85070	93.33	87270	92.35	85040
109	492.9	4411.7	109	119.33	88059	108.30	88047	103.26	86339	103.04	87270	101.59	85360	98.71	87352
110	497.9	4411.7	110	122.41	88059	104.07	88047	102.99	87270	102.61	87352	99.27	87337	98.69	87350
111	502.9	4411.7	111	124.78	88059	113.79	85340	107.35	87270	103.44	87333	102.31	88003	101.36	89004
112	507.9	4411.7	112	106.10	88059	97.78	87339	97.64	88003	95.72	87352	94.82	87270	93.36	85340
113	512.9	4411.7	113	126.15	88059	117.34	86339	113.71	87270	108.40	87337	108.32	87359	107.46	87339
114	517.9	4411.7	114	112.54	86355	105.56	87360	100.79	85340	100.79	87333	100.71	86351	100.38	86329
115	522.9	4411.7	115	86.53	88003	83.23	87360	76.15	87339	75.83	87325	74.74	86329	74.15	85340
116	527.9	4411.7	116	81.74	88003	76.46	87360	72.35	86107	71.30	87325	71.07	86329	69.34	88064
117	532.9	4411.7	117	80.91	88003	76.04	87360	70.79	86107	68.37	86329	65.47	88064	64.70	87325
118	537.9	4411.7	118	71.43	88003	69.02	86107	66.68	87360	64.71	86329	61.30	86068	61.05	88064
119	542.9	4411.7	119	68.93	86107	65.66	88003	63.11	86329	61.15	87360	59.54	86068	58.56	88029
120	547.9	4411.7	120	67.64	86107	63.57	88003	61.10	86329	58.72	86068	57.70	87360	57.51	88291
121	477.9	4416.7	121	101.20	85360	95.97	87351	94.11	88047	92.80	85070	90.70	87001	87.33	88059
122	482.9	4416.7	122	102.54	85360	97.38	88016	96.67	88059	95.66	88047	94.82	87270	91.94	86354
123	487.9	4416.7	123	105.88	88047	100.20	88059	95.65	85360	89.74	87270	89.14	85070	85.61	85040
124	492.9	4416.7	124	115.15	88059	105.55	87270	100.51	86339	99.22	88047	96.17	87351	94.82	85360
125	497.9	4416.7	125	119.16	88059	99.13	87270	97.36	87351	97.17	87352	96.38	88047	96.11	87337
126	502.9	4416.7	126	130.21	88059	110.55	87270	109.31	87337	109.20	85340	106.47	87333	103.37	89004
127	507.9	4416.7	127	99.81	88059	95.79	87270	91.84	87339	86.31	86355	85.76	87350	85.71	87352
128	512.9	4416.7	128	95.09	88059	89.68	88003	86.96	85340	85.31	87270	82.40	87352	82.27	87360
129	517.9	4416.7	129	82.97	88003	80.95	87352	80.93	87360	80.76	87325	80.59	87339	79.05	88059
130	522.9	4416.7	130	87.26	87360	84.70	88003	78.21	87325	77.81	85340	76.31	88064	73.19	87339
131	527.9	4416.7	131	78.41	87360	78.26	88003	71.64	87325	67.95	86107	67.79	87339	67.67	88064
132	532.9	4416.7	132	74.67	87360	74.00	88003	67.90	87325	67.62	86107	66.27	88064	63.36	85340
133	537.9	4416.7	133	73.79	88003	72.45	87360	67.20	86107	63.65	88064	62.54	87325	61.90	88029
134	542.9	4416.7	134	69.10	88003	66.22	86107	65.69	87360	60.97	85015	60.64	88064	59.56	88029
135	547.9	4416.7	135	66.00	88003	65.59	86107	60.75	87360	59.99	85015	58.95	86329	58.66	86068
136	477.9	4421.7	136	102.10	88059	100.50	85360	95.73	88047	90.87	85070	87.62	87270	86.34	86339
137	482.9	4421.7	137	93.05	85360	91.64	89014	91.38	88059	89.41	87333	88.84	85070	88.36	88047
138	487.9	4421.7	138	103.59	88059	97.30	85360	90.85	88047	90.70	87270	88.83	86339	88.34	86354
139	492.9	4421.7	139	108.65	88059	98.65	87270	97.82	87351	91.41	87337	89.35	88047	88.42	85360
140	497.9	4421.7	140	119.67	88059	99.06	87270	92.49	86345	92.41	86339	92.14	87351	90.58	87337
141	502.9	4421.7	141	118.05	88059	103.28	87270	97.11	87333	96.75	89004	94.18	87337	93.41	85340
142	507.9	4421.7	142	101.28	88059	97.95	87270	89.96	86355	87.86	87352	87.75	86345	87.32	87339
143	512.9	4421.7	143	97.53	88059	88.25	87270	84.90	87339	84.42	85340	84.05	87360	81.49	87352
144	517.9	4421.7	144	83.45	87360	83.39	88003	78.86	87325	77.84	88059	77.73	87352	77.04	85340
145	522.9	4421.7	145	78.50	87325	77.55	88003	77.25	87360	72.61	85340	72.56	87339	70.00	88064
146	527.9	4421.7	146	83.18	87360	81.06	88003	73.63	87325	72.76	88064	70.85	85340	65.83	87339
147	532.9	4421.7	147	76.74	88003	74.94	87360	70.18	87325	67.30	86107	66.01	88064	63.42	85364

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
148	537.9	4421.7	148	73.74	88003	71.83	87360	66.47	86107	65.53	87325	65.28	88064	62.04	88029
149	542.9	4421.7	149	73.13	88003	68.53	87360	66.22	86107	63.21	88064	61.59	87325	61.54	88029
150	547.9	4421.7	150	66.66	88003	65.13	86107	63.71	87360	60.19	88029	60.04	88064	58.85	85015
151	477.9	4426.7	151	96.75	85360	91.99	88059	88.04	85070	83.90	87270	80.40	89014	79.41	87031
152	482.9	4426.7	152	99.53	85360	92.99	88059	91.90	87333	88.44	87337	84.41	89014	83.11	87270
153	487.9	4426.7	153	100.20	88059	88.89	87270	87.00	85360	84.76	86339	83.38	87351	82.54	87337
154	492.9	4426.7	154	99.41	88059	93.69	87270	85.71	87351	83.62	87333	82.80	87337	80.61	87353
155	497.9	4426.7	155	113.30	88059	93.55	87270	87.79	87353	86.05	87337	81.59	86345	81.47	87351
156	502.9	4426.7	156	114.85	88059	101.22	87270	92.81	87333	90.80	89004	84.19	86345	83.95	87337
157	507.9	4426.7	157	92.73	88059	90.74	87270	84.78	86345	83.98	86355	81.68	87339	81.45	87352
158	512.9	4426.7	158	95.94	88059	88.02	87270	79.44	85340	78.74	87360	78.62	87339	77.81	86355
159	517.9	4426.7	159	78.77	87360	77.86	88059	77.12	87339	76.95	87325	75.20	85340	74.84	88352
160	522.9	4426.7	160	81.80	87360	77.94	88003	76.16	87325	72.23	87339	71.60	85340	70.18	88064
161	527.9	4426.7	161	76.27	87360	75.06	87325	74.80	88003	70.46	85340	68.85	88064	66.99	87339
162	532.9	4426.7	162	81.96	87360	80.03	88003	71.07	88064	69.19	87325	67.85	85340	64.75	86107
163	537.9	4426.7	163	76.24	88003	73.04	87360	68.56	87325	66.45	86107	65.62	88064	62.91	85364
164	542.9	4426.7	164	72.84	88003	70.91	87360	65.93	86107	64.80	88064	64.02	87325	61.95	88029
165	547.9	4426.7	165	72.26	88003	67.12	87360	65.71	86107	62.78	88064	61.93	88029	60.40	87325
1ADAM	505.5	4408.4	166	115.72	88059	109.01	87270	108.28	86355	104.05	88003	103.98	85340	102.99	87352
2ARVA	492.6	4405.6	167	120.03	88047	115.27	88059	104.17	85040	103.83	87270	101.87	85360	100.93	88016
3AURO	511.0	4399.0	168	105.12	88003	98.69	88064	98.38	88059	98.09	86068	96.85	86107	95.10	87352
414ST	500.7	4398.8	169	137.30	88064	134.99	88003	130.86	88059	127.17	87352	126.78	86107	124.74	88047
5CAMP	501.1	4399.9	170	133.35	88003	133.34	88059	132.17	88064	128.31	87352	124.82	87327	122.96	86107
6SBDY	501.9	4393.1	171	137.85	88003	137.19	88064	130.35	85007	121.23	87327	117.71	87352	116.48	87350
7ENGL	501.0	4386.3	172	134.35	85007	131.42	88064	128.76	86107	122.74	88003	115.42	85326	111.90	87352
8GOLD	480.8	4400.6	173	117.79	85040	117.27	88047	105.01	85070	98.23	85270	97.48	88016	89.59	88059
9LAKE	490.8	4395.6	174	123.11	88064	122.52	88047	119.70	85040	107.77	85270	101.02	88291	98.20	88059
10WELB	504.3	4409.7	175	111.88	88059	110.04	86355	102.29	87270	100.77	87352	99.74	87339	97.89	87333
11AURA	499.5	4399.4	176	124.61	88064	124.24	88059	119.58	88003	119.18	88047	113.50	85040	110.95	87352
12DWP1	505.5	4408.4	177	112.19	88059	107.04	87270	104.47	87352	104.09	88003	101.96	85340	101.57	87351
13DWP2	504.3	4409.7	178	110.31	88059	98.37	87352	97.98	87270	97.94	87339	96.77	87337	93.97	88003
361	482.9	4381.7	179	103.05	88064	99.78	85040	92.51	85270	89.87	88291	86.55	86284	85.85	89288
362	483.9	4381.7	180	107.73	88064	99.48	85040	92.76	85270	90.91	88291	87.97	86284	87.85	89288
363	484.9	4381.7	181	111.94	88064	100.37	85040	93.60	85270	91.99	88291	87.43	89288	87.03	86284
364	485.9	4381.7	182	109.56	88064	100.80	85040	95.98	85270	90.77	88291	90.73	89288	86.03	86107
365	486.9	4381.7	183	112.22	88064	101.58	85040	98.45	85270	95.20	89288	92.41	86107	90.34	88291
366	487.9	4381.7	184	114.54	88064	102.23	85040	98.95	85270	94.71	89288	93.27	86107	89.17	88291
367	488.9	4381.7	185	113.75	88064	102.03	85040	99.98	85270	97.55	89288	93.96	86107	88.83	88291
368	489.9	4381.7	186	115.22	88064	101.48	85040	101.29	86107	100.48	85270	100.31	89288	88.75	89344
369	490.9	4381.7	187	119.19	88064	102.32	89288	101.11	85270	98.06	85040	95.79	86107	91.30	89344
370	491.9	4381.7	188	121.14	88064	104.35	89288	103.16	85270	99.83	86107	97.65	85040	91.37	89344
371	492.9	4381.7	189	124.13	88064	109.51	86107	103.83	89288	101.27	85270	96.37	85040	95.47	89024
372	493.9	4381.7	190	122.62	88064	105.72	89288	100.10	86107	99.96	85270	95.74	85040	94.08	85007
373	494.9	4381.7	191	123.32	88064	106.21	89288	103.48	86107	101.93	85270	93.83	85040	92.29	89344
374	495.9	4381.7	192	123.06	88064	107.18	89288	104.60	85270	98.90	86107	95.90	89344	93.49	85040
375	496.9	4381.7	193	121.27	88064	107.17	86107	105.70	89288	104.47	85270	95.29	85007	93.99	89344
376	497.9	4381.7	194	123.41	88064	110.98	89288	106.09	86107	103.88	85270	100.82	85007	97.28	88003
377	498.9	4381.7	195	120.42	88064	110.18	89288	109.23	86107	106.44	85270	106.09	88003	105.00	85007
378	499.9	4381.7	196	124.96	88064	120.41	86107	110.25	89288	109.82	85007	106.32	88003	101.22	85270
379	500.9	4381.7	197	124.90	86107	123.61	85007	122.05	88064	113.72	88003	108.28	89288	106.68	85326
380	501.9	4381.7	198	128.56	88064	121.35	85007	117.96	88003	107.62	89288	107.40	85326	101.82	86107

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
381	502.9	4381.7	199	127.89	88064	116.87	88003	111.66	85007	110.69	85326	108.47	86107	104.81	89288
382	503.9	4381.7	200	129.46	88064	122.85	88003	108.12	85007	108.02	85326	103.91	89288	100.75	86107
383	504.9	4381.7	201	125.01	88064	116.30	88003	113.25	86107	109.15	85326	105.11	85007	100.64	85270
384	505.9	4381.7	202	120.97	88064	118.02	88003	111.87	85007	109.82	85326	103.49	86107	101.70	89288
385	506.9	4381.7	203	123.56	88064	120.19	88003	111.02	85326	109.43	85007	104.90	86107	101.05	87352
386	507.9	4381.7	204	121.23	88064	118.43	88003	114.74	85007	112.78	85326	106.38	86107	103.15	89288
387	508.9	4381.7	205	129.33	88003	122.14	85007	120.70	88064	116.79	85326	109.13	87352	103.44	86107
388	509.9	4381.7	206	133.30	88003	119.33	85007	118.36	88064	116.35	85326	111.94	89051	106.46	87352
389	510.9	4381.7	207	124.51	88003	109.25	85326	107.19	85007	105.35	88340	105.00	89051	102.36	88021
390	511.9	4381.7	208	106.42	88003	100.42	85326	96.25	88064	94.18	86068	93.89	88340	93.41	88354
391	512.9	4381.7	209	99.99	88003	96.24	85326	94.02	86068	92.50	86107	92.03	88064	90.62	85332
432	482.9	4382.7	210	102.25	88064	102.21	85040	93.83	85270	90.96	88291	88.25	86284	86.96	88047
433	483.9	4382.7	211	107.52	88064	102.50	85040	94.69	85270	91.32	88291	89.96	86284	88.45	88047
434	484.9	4382.7	212	111.77	88064	102.67	85040	95.28	85270	92.54	88291	89.90	86284	88.65	88047
435	485.9	4382.7	213	111.05	88064	103.34	85040	97.69	85270	93.86	88291	89.88	89288	89.21	88047
436	486.9	4382.7	214	113.18	88064	105.46	85040	99.90	85270	94.90	88291	94.25	89288	92.42	86107
437	487.9	4382.7	215	116.41	88064	103.58	85040	100.04	85270	95.20	89288	95.03	86107	92.40	88291
438	488.9	4382.7	216	115.33	88064	102.51	85040	101.34	85270	97.12	89288	93.70	86107	90.99	88291
439	489.9	4382.7	217	115.78	88064	103.20	85040	102.50	85270	101.67	86107	98.63	89288	90.73	88291
440	490.9	4382.7	218	119.72	88064	102.91	85270	102.30	85040	102.27	89288	95.99	86107	91.68	85007
441	491.9	4382.7	219	121.97	88064	104.66	85270	104.52	89288	99.62	85040	98.82	86107	94.43	89344
442	492.9	4382.7	220	124.28	88064	108.73	86107	102.85	85270	102.55	89288	97.60	85040	96.38	85007
443	493.9	4382.7	221	122.63	88064	105.04	89288	100.89	85270	98.76	86107	96.87	89024	94.22	85040
444	494.9	4382.7	222	124.62	88064	105.18	89288	103.10	86107	101.34	85270	93.87	85040	92.71	89024
445	495.9	4382.7	223	124.40	88064	108.84	89288	104.31	85270	99.59	86107	95.50	89344	92.60	85007
446	496.9	4382.7	224	123.29	88064	108.07	86107	106.85	89288	104.95	85270	95.91	85007	95.71	89344
447	497.9	4382.7	225	125.81	88064	110.68	89288	104.73	85270	104.71	86107	103.06	85007	97.85	88003
448	498.9	4382.7	226	121.43	88064	111.07	89288	110.11	86107	106.98	85270	106.96	88003	106.69	85007
449	499.9	4382.7	227	125.74	88064	118.64	86107	112.81	85007	109.77	89288	108.45	88003	102.42	85326
450	500.9	4382.7	228	126.96	85007	125.84	86107	124.10	88064	115.14	88003	108.77	89288	108.13	85326
451	501.9	4382.7	229	128.76	88064	123.91	85007	121.44	88003	108.87	85326	107.89	89288	102.84	87352
452	502.9	4382.7	230	127.90	88064	119.37	88003	114.80	85007	111.99	85326	107.30	86107	105.22	89288
453	503.9	4382.7	231	130.95	88064	124.68	88003	110.16	85007	108.63	85326	102.88	89288	102.31	85270
454	504.9	4382.7	232	123.88	88064	118.55	88003	110.34	86107	109.67	85326	109.19	85007	101.42	85270
455	505.9	4382.7	233	123.53	88064	119.84	88003	113.36	85007	109.69	85326	102.54	86107	102.52	89288
456	506.9	4382.7	234	123.85	88064	121.78	88003	111.72	85007	111.60	85326	105.02	86107	102.59	87352
457	507.9	4382.7	235	123.61	88064	122.93	88003	119.43	85007	114.89	85326	106.25	86107	105.98	87352
458	508.9	4382.7	236	136.53	88003	135.14	85007	127.34	88064	122.40	85326	117.06	87352	109.77	87356
459	509.9	4382.7	237	145.49	88003	129.44	85007	121.81	85326	120.85	88064	119.77	89051	117.84	87352
460	510.9	4382.7	238	121.09	88003	107.79	85326	106.86	85007	103.69	88340	102.97	88064	102.91	89051
461	511.9	4382.7	239	104.80	88003	101.00	85326	99.50	86068	97.33	85007	96.66	88064	93.01	89051
462	512.9	4382.7	240	100.21	88003	98.14	85326	96.81	86068	92.31	85007	91.95	88064	91.02	85332
503	482.9	4383.7	241	104.69	88064	103.62	85040	94.46	85270	90.43	88291	89.73	88047	86.83	86284
504	483.9	4383.7	242	108.42	88064	103.93	85040	96.45	85270	91.27	88291	90.49	88047	89.23	86284
505	484.9	4383.7	243	112.70	88064	105.16	85040	96.08	85270	92.72	88291	91.54	88047	90.45	86284
506	485.9	4383.7	244	111.86	88064	105.23	85040	98.50	85270	93.55	88291	92.59	88047	91.00	86284
507	486.9	4383.7	245	115.45	88064	107.21	85040	100.61	85270	95.93	88291	95.45	88047	93.25	86107
508	487.9	4383.7	246	117.49	88064	106.44	85040	100.52	85270	96.08	88291	95.33	86107	94.89	89288
509	488.9	4383.7	247	118.30	88064	106.46	85040	102.92	85270	98.04	89288	96.29	86107	95.21	88047
510	489.9	4383.7	248	117.67	88064	106.53	85040	104.10	85270	102.32	86107	97.36	89288	95.05	88047
511	490.9	4383.7	249	118.82	88064	106.39	85040	104.53	85270	100.89	89288	96.79	86107	93.34	85007

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
512	491.9	4383.7	250	123.13	88064	106.20	85040	105.00	85270	104.05	89288	98.84	86107	97.50	89344
513	492.9	4383.7	251	122.05	88064	107.82	86107	104.81	85270	102.99	85040	101.77	89288	97.50	85007
514	493.9	4383.7	252	123.31	88064	104.82	89288	102.02	85270	99.45	85040	98.44	86107	94.26	85007
515	494.9	4383.7	253	126.73	88064	105.96	86107	105.73	89288	103.33	85270	100.41	89024	100.21	85040
516	495.9	4383.7	254	126.62	88064	108.77	89288	106.57	85270	100.64	86107	99.30	85040	97.72	89024
517	496.9	4383.7	255	125.49	88064	110.92	86107	109.26	89288	109.24	85270	100.73	89344	99.73	85007
518	497.9	4383.7	256	128.41	88064	111.41	89288	108.53	85007	107.58	85270	105.92	86107	101.19	87356
519	498.9	4383.7	257	125.09	88064	112.11	89288	110.92	86107	109.06	85007	108.63	88003	108.03	85270
520	499.9	4383.7	258	126.48	88064	119.71	86107	116.11	85007	110.15	88003	109.80	89288	104.60	85270
521	500.9	4383.7	259	128.87	85007	126.76	86107	126.72	88064	115.11	88003	109.07	85326	108.53	89288
522	501.9	4383.7	260	129.85	88064	121.87	88003	120.56	85007	109.22	85326	105.94	89288	101.77	86107
523	502.9	4383.7	261	126.03	88064	117.05	88003	110.18	85007	109.53	85326	107.43	86107	103.06	89288
524	503.9	4383.7	262	131.31	88064	122.54	88003	107.80	85326	106.61	85007	101.57	85270	101.45	89288
525	504.9	4383.7	263	119.27	88064	116.25	88003	109.56	86107	107.72	85326	104.74	85007	100.39	85270
526	505.9	4383.7	264	121.95	88064	117.45	88003	108.61	85007	107.75	85326	100.91	86107	100.46	85270
527	506.9	4383.7	265	122.72	88064	120.93	88003	110.59	85326	109.65	85007	106.82	86107	102.67	87352
528	507.9	4383.7	266	126.11	88064	126.04	88003	120.21	85007	116.75	85326	110.61	87352	109.72	86107
529	508.9	4383.7	267	143.20	88003	137.63	85007	131.71	88064	127.81	85326	124.69	87352	116.53	87356
530	509.9	4383.7	268	148.79	88003	126.85	88340	125.96	85007	121.83	87352	119.29	85326	118.58	88021
531	510.9	4383.7	269	111.20	88003	103.67	85326	100.50	88064	98.93	86068	97.01	85007	96.69	86346
532	511.9	4383.7	270	103.14	88003	98.42	85326	97.22	86068	95.29	88064	92.64	85007	91.21	85332
533	512.9	4383.7	271	97.79	88003	96.11	86068	96.05	85326	94.31	86107	91.68	88064	89.55	85007
574	482.9	4384.7	272	110.12	85040	105.71	88064	96.77	85270	91.43	88291	89.92	88047	88.25	86284
575	483.9	4384.7	273	109.72	85040	108.62	88064	98.97	85270	91.49	88291	90.64	88047	89.18	86284
576	484.9	4384.7	274	112.90	88064	110.41	85040	98.30	85270	91.33	88291	90.89	88047	88.72	86284
577	485.9	4384.7	275	112.37	88064	111.04	85040	100.16	85270	93.27	88291	92.71	88047	90.74	89288
578	486.9	4384.7	276	119.77	88064	112.40	85040	101.93	85270	95.93	88047	95.64	88291	93.71	86107
579	487.9	4384.7	277	117.53	88064	108.73	85040	101.07	85270	96.30	86107	96.29	88047	94.20	88291
580	488.9	4384.7	278	120.91	88064	109.15	85040	102.89	85270	98.67	88047	96.42	88291	95.14	89288
581	489.9	4384.7	279	120.43	88064	107.99	85040	103.60	85270	102.41	86107	97.97	88047	96.78	89288
582	490.9	4384.7	280	118.60	88064	107.54	85040	103.79	85270	98.16	89288	96.25	88047	96.23	86107
583	491.9	4384.7	281	120.63	88064	108.14	85040	104.79	85270	101.92	89288	99.16	86107	96.30	88047
584	492.9	4384.7	282	118.77	88064	107.60	86107	104.42	85270	103.89	85040	100.27	89288	95.03	85007
585	493.9	4384.7	283	121.29	88064	103.48	85040	103.42	89288	102.66	85270	96.64	86107	92.29	85007
586	494.9	4384.7	284	125.01	88064	105.59	86107	103.55	89288	102.06	85270	101.00	85040	93.13	89024
587	495.9	4384.7	285	125.81	88064	105.71	89288	105.62	85270	102.12	85040	100.03	86107	97.59	89024
588	496.9	4384.7	286	126.49	88064	113.93	86107	111.46	85270	109.73	89288	102.27	89344	101.65	87356
589	497.9	4384.7	287	131.55	88064	114.46	85007	113.93	89288	113.92	87356	111.01	85270	110.76	86107
590	498.9	4384.7	288	128.18	88064	116.72	85007	114.71	89288	114.65	86107	114.58	88003	111.06	85270
591	499.9	4384.7	289	129.04	88064	122.95	85007	121.67	86107	114.93	88003	110.71	89288	108.60	85270
592	500.9	4384.7	290	132.55	85007	130.66	86107	129.26	88064	117.06	88003	111.65	85326	109.89	87352
593	501.9	4384.7	291	130.97	88064	121.27	88003	121.04	85007	109.48	85326	105.38	89288	103.44	86107
594	502.9	4384.7	292	126.79	88064	115.08	88003	108.51	85007	107.74	85326	107.28	86107	101.92	85270
595	503.9	4384.7	293	131.29	88064	120.53	88003	107.47	85326	105.65	85007	101.38	85270	101.13	89288
596	504.9	4384.7	294	117.99	88064	112.53	88003	108.77	86107	106.55	85326	102.66	85007	99.46	85270
597	505.9	4384.7	295	120.19	88064	115.05	88003	105.44	85007	105.18	85326	100.08	85270	99.22	86107
598	506.9	4384.7	296	119.70	88064	117.99	88003	108.64	85326	106.53	85007	105.85	86107	101.23	87352
599	507.9	4384.7	297	127.03	88064	125.87	88003	119.81	85007	119.00	85326	113.31	87352	111.57	86107
600	508.9	4384.7	298	145.51	88003	131.00	85007	128.43	88064	127.22	85326	126.31	87352	122.87	88340
601	509.9	4384.7	299	134.31	88003	113.62	88064	112.86	87352	112.22	85007	110.78	85326	110.43	88340
602	510.9	4384.7	300	107.17	88003	100.81	85326	99.41	88064	96.03	86068	93.25	85007	92.81	86346

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
603	511.9	4384.7	301	99.23	88003	95.35	86068	94.65	85326	94.00	88064	89.82	85007	89.44	86346
604	512.9	4384.7	302	98.14	88003	95.18	86068	94.12	86107	93.69	85326	92.01	88064	88.32	85007
645	482.9	4385.7	303	113.40	85040	107.80	88064	99.63	85270	95.10	88047	94.23	88291	89.32	86284
646	483.9	4385.7	304	113.54	85040	111.01	88064	100.89	85270	96.50	88047	94.14	88291	89.07	86284
647	484.9	4385.7	305	111.84	88064	111.23	85040	101.80	85270	94.11	88047	92.24	88291	88.65	86284
648	485.9	4385.7	306	113.42	85040	111.96	88064	103.92	85270	96.44	88047	93.84	88291	91.23	89288
649	486.9	4385.7	307	118.45	88064	112.99	85040	103.61	85270	99.91	88047	95.41	88291	92.20	89288
650	487.9	4385.7	308	122.83	88064	109.84	85040	102.70	85270	98.95	88047	96.61	88291	96.04	86107
651	488.9	4385.7	309	121.55	88064	107.89	85040	103.55	85270	98.72	88047	94.89	89288	94.33	86107
652	489.9	4385.7	310	123.45	88064	107.42	85040	103.90	85270	102.18	86107	98.92	88047	96.31	89288
653	490.9	4385.7	311	121.37	88064	106.58	85040	104.05	85270	98.03	88047	97.30	89288	96.34	86107
654	491.9	4385.7	312	123.48	88064	107.85	85040	106.12	85270	100.72	89288	99.64	88047	98.86	86107
655	492.9	4385.7	313	117.32	88064	105.79	86107	103.49	85270	102.87	85040	98.42	89288	94.17	88047
656	493.9	4385.7	314	119.59	88064	101.69	85270	100.52	89288	100.04	85040	93.78	86107	93.49	88047
657	494.9	4385.7	315	123.45	88064	103.12	86107	102.25	89288	100.90	85270	98.66	85040	92.53	88047
658	495.9	4385.7	316	123.52	88064	105.23	89288	104.40	85270	101.19	89024	99.54	85040	98.92	86107
659	496.9	4385.7	317	126.89	88064	111.71	86107	110.61	85270	109.63	89288	103.23	89024	101.47	85040
660	497.9	4385.7	318	131.13	88064	111.32	89288	110.22	87356	110.18	85270	109.79	85007	109.67	88003
661	498.9	4385.7	319	128.98	88064	115.98	89288	114.80	86107	114.54	88003	112.90	85007	112.22	85270
662	499.9	4385.7	320	131.26	88064	127.44	85007	121.22	86107	121.08	88003	111.39	89288	108.99	85270
663	500.9	4385.7	321	132.54	86107	132.47	85007	130.54	88064	118.57	88003	113.21	85326	111.46	87352
664	501.9	4385.7	322	131.75	88064	124.40	88003	123.36	85007	110.00	85326	105.57	89288	105.15	86107
665	502.9	4385.7	323	125.32	88064	119.89	88003	112.74	85007	110.06	85326	107.41	86107	103.56	85270
666	503.9	4385.7	324	133.12	88064	121.95	88003	109.84	85007	109.40	85326	102.22	85270	101.14	89288
667	504.9	4385.7	325	119.94	88064	115.92	88003	111.04	86107	107.59	85007	107.11	85326	102.40	85270
668	505.9	4385.7	326	121.86	88064	117.48	88003	110.30	85007	106.38	85326	102.14	85270	100.71	86107
669	506.9	4385.7	327	122.06	88064	121.61	88003	113.63	85007	111.83	85326	105.92	86107	105.86	87352
670	507.9	4385.7	328	132.80	88003	130.46	88064	129.44	85007	125.81	85326	120.90	87352	112.55	87356
671	508.9	4385.7	329	148.06	88003	137.91	85007	130.71	88340	130.02	87352	128.56	88064	126.34	85326
672	509.9	4385.7	330	131.06	88003	119.77	85007	113.39	87352	112.98	88064	111.66	85326	110.16	86346
673	510.9	4385.7	331	105.85	88003	99.65	85326	99.54	88064	97.43	86068	96.06	85007	92.23	86346
674	511.9	4385.7	332	99.19	88003	95.21	86068	94.42	88064	92.73	85326	90.44	85007	87.82	86346
675	512.9	4385.7	333	95.75	88003	94.65	86068	93.55	86107	92.53	85326	92.21	88064	88.40	85007
716	482.9	4386.7	334	117.56	85040	107.67	88064	102.14	88047	100.38	85270	96.30	88291	90.42	89024
717	483.9	4386.7	335	114.00	85040	110.11	88064	101.74	88047	101.09	85270	94.72	88291	92.48	85007
718	484.9	4386.7	336	114.21	85040	111.46	88064	104.04	85270	99.25	88047	94.95	88291	89.17	86284
719	485.9	4386.7	337	116.82	85040	112.44	88064	104.36	85270	102.19	88047	95.11	88291	89.67	89288
720	486.9	4386.7	338	115.74	88064	113.51	85040	103.48	85270	98.72	88047	95.47	88291	91.88	86107
721	487.9	4386.7	339	119.27	88064	110.91	85040	103.64	85270	98.59	88047	94.98	88291	92.87	86107
722	488.9	4386.7	340	121.98	88064	108.88	85040	104.21	85270	98.16	88047	94.82	88291	93.63	86107
723	489.9	4386.7	341	124.25	88064	109.58	85040	105.18	85270	100.10	86107	98.92	88047	95.13	89288
724	490.9	4386.7	342	124.65	88064	107.09	85040	105.02	85270	98.74	88047	96.67	86107	95.53	89288
725	491.9	4386.7	343	126.09	88064	107.55	85040	105.90	85270	100.76	88047	98.60	86107	98.53	89288
726	492.9	4386.7	344	118.46	88064	108.55	86107	104.84	85040	103.19	85270	98.60	89288	96.22	88047
727	493.9	4386.7	345	119.86	88064	103.70	85270	103.24	85040	99.45	89288	95.37	86107	93.58	88047
728	494.9	4386.7	346	124.07	88064	103.04	85040	103.02	85270	102.57	86107	100.66	89288	94.70	88047
729	495.9	4386.7	347	126.27	88064	106.22	89288	104.17	85270	102.81	85040	98.53	86107	96.97	88047
730	496.9	4386.7	348	126.83	88064	114.04	86107	113.55	89024	109.89	85270	108.08	89288	105.08	85040
731	497.9	4386.7	349	128.14	88064	110.16	89288	108.85	85270	107.49	88003	106.06	86107	104.87	85007
732	498.9	4386.7	350	127.68	88064	116.49	89288	112.78	86107	112.09	87356	111.75	85270	109.63	85007
733	499.9	4386.7	351	131.76	88064	130.48	85007	123.64	88003	120.36	86107	110.87	89288	109.86	85326

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
734	500.9	4386.7	352	132.50	86107	130.53	88064	126.32	85007	116.84	88003	112.89	85326	108.74	87352
735	501.9	4386.7	353	130.64	88064	124.21	88003	119.47	85007	109.50	85326	105.44	86107	103.91	89288
736	502.9	4386.7	354	125.98	88064	120.16	88003	109.95	85326	109.57	85007	107.13	86107	102.15	89288
737	503.9	4386.7	355	129.53	88064	119.37	88003	107.13	85326	106.23	85007	101.05	86107	100.72	85270
738	504.9	4386.7	356	116.59	88064	116.16	88003	111.98	86107	106.26	85326	104.73	85007	101.82	85270
739	505.9	4386.7	357	121.52	88064	119.29	88003	107.96	85007	106.99	85326	102.14	85270	100.04	86107
740	506.9	4386.7	358	124.78	88064	124.17	88003	114.79	85007	114.58	85326	110.12	87352	107.55	86107
741	507.9	4386.7	359	140.09	88003	131.55	88064	129.64	85007	127.35	85326	126.71	87352	116.73	87314
742	508.9	4386.7	360	147.14	88003	135.89	88340	134.70	85007	132.58	87352	128.42	88064	124.02	85326
743	509.9	4386.7	361	133.25	88003	117.79	85007	115.97	87352	114.22	86346	113.85	88064	109.20	85326
744	510.9	4386.7	362	104.28	88003	98.54	88064	97.20	85326	96.18	86068	95.27	86107	94.19	85007
745	511.9	4386.7	363	100.10	88003	95.72	86068	95.30	88064	91.87	85326	90.48	86107	88.15	85007
746	512.9	4386.7	364	97.54	86107	97.24	88003	96.90	86068	93.17	88064	92.34	85326	87.83	85007
787	482.9	4387.7	365	121.62	85040	105.82	88064	103.16	88047	102.02	85270	99.90	88291	86.67	86284
788	483.9	4387.7	366	115.93	85040	110.13	88064	101.42	88047	98.63	85270	96.75	88291	88.47	89288
789	484.9	4387.7	367	117.16	85040	109.05	88064	102.62	88047	102.51	85270	96.40	88291	88.28	86284
790	485.9	4387.7	368	116.42	85040	108.13	88064	101.29	85270	101.26	88047	96.06	88291	85.31	86284
791	486.9	4387.7	369	114.44	85040	110.04	88064	101.82	85270	99.35	88047	93.93	88291	89.77	86107
792	487.9	4387.7	370	115.55	88064	112.44	85040	102.51	85270	98.99	88047	94.30	88291	91.06	86107
793	488.9	4387.7	371	119.44	88064	112.45	85040	103.75	85270	99.66	88047	94.85	88291	93.12	89288
794	489.9	4387.7	372	121.85	88064	111.80	85040	105.63	85270	100.25	88047	98.48	86107	95.07	89288
795	490.9	4387.7	373	123.13	88064	110.25	85040	105.70	85270	98.81	88047	93.46	89288	93.36	86107
796	491.9	4387.7	374	126.43	88064	108.24	85040	107.16	85270	99.45	88047	95.36	89288	93.57	86107
797	492.9	4387.7	375	123.55	88064	109.29	86107	106.31	85270	105.81	85040	99.68	88047	98.49	89288
798	493.9	4387.7	376	124.38	88064	105.53	85040	104.40	85270	99.92	88047	99.57	89288	97.56	86107
799	494.9	4387.7	377	125.80	88064	106.06	85270	104.89	85040	104.42	86107	101.37	88047	100.01	89288
800	495.9	4387.7	378	127.40	88064	106.12	85270	105.74	85040	103.12	89288	100.97	88047	98.55	88003
801	496.9	4387.7	379	126.82	88064	112.23	86107	109.13	85270	107.67	89288	105.01	85040	101.93	88047
802	497.9	4387.7	380	128.86	88064	119.47	89024	112.19	85270	110.89	89288	109.87	86107	106.39	88003
803	498.9	4387.7	381	129.61	88064	125.19	87356	119.90	89288	118.87	85007	113.43	86107	113.22	85270
804	499.9	4387.7	382	141.49	85007	136.45	88064	126.70	88003	120.06	86107	119.23	87352	113.85	85326
805	500.9	4387.7	383	131.64	86107	129.59	88064	124.16	85007	118.98	88003	112.31	85326	106.65	89288
806	501.9	4387.7	384	130.88	88064	123.73	88003	119.42	85007	111.05	85326	104.43	86107	103.99	89288
807	502.9	4387.7	385	127.22	88064	117.71	88003	109.72	85007	108.74	85326	107.83	86107	101.44	85270
808	503.9	4387.7	386	127.61	88064	117.12	88003	107.37	85326	106.48	85007	100.60	85270	99.71	86107
809	504.9	4387.7	387	117.04	88064	115.24	88003	109.83	86107	106.70	85326	106.34	85007	101.62	85270
810	505.9	4387.7	388	119.70	88064	119.26	88003	112.54	85007	108.50	85326	100.90	85270	100.63	87352
811	506.9	4387.7	389	128.10	88003	125.65	88064	119.69	85007	117.94	85326	115.01	87352	107.25	85270
812	507.9	4387.7	390	140.71	88003	132.52	88340	126.29	87352	123.75	88064	121.03	85007	120.82	87351
813	508.9	4387.7	391	127.85	88003	119.81	88064	115.72	87352	111.51	85326	110.80	88340	109.05	87351
814	509.9	4387.7	392	124.43	88003	113.29	88064	110.60	87352	109.79	85007	104.82	85326	103.43	86068
815	510.9	4387.7	393	110.57	88003	103.79	86068	102.91	85007	102.26	88064	99.72	85326	97.77	86107
816	511.9	4387.7	394	105.29	88003	102.80	86068	97.27	88064	94.51	85326	94.13	85007	89.34	86107
817	512.9	4387.7	395	100.59	88003	97.54	86068	95.19	88064	94.25	86107	91.88	85326	88.09	85007
858	482.9	4388.7	396	112.34	85040	107.00	88047	104.43	88064	97.39	88291	96.46	85270	88.13	86284
859	483.9	4388.7	397	113.35	85040	110.43	88064	107.62	88047	98.67	85270	97.40	88291	88.59	86284
860	484.9	4388.7	398	113.41	85040	108.55	88064	106.39	88047	99.54	85270	94.78	88291	86.93	86284
861	485.9	4388.7	399	111.15	85040	103.81	88064	103.18	88047	98.24	85270	93.19	88291	85.23	86284
862	486.9	4388.7	400	110.55	85040	105.65	88064	103.38	88047	98.28	85270	93.16	88291	86.55	86107
863	487.9	4388.7	401	112.70	85040	109.90	88064	105.05	88047	99.78	85270	93.16	88291	88.57	86107
864	488.9	4388.7	402	114.40	88064	113.09	85040	105.85	88047	102.28	85270	93.68	88291	91.73	89288

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
865	489.9	4388.7	403	121.26	88064	113.60	85040	106.64	88047	106.13	85270	98.51	86107	95.83	88291
866	490.9	4388.7	404	120.58	88064	112.13	85040	105.92	85270	105.14	88047	96.73	89024	95.76	89288
867	491.9	4388.7	405	124.42	88064	113.58	85040	108.74	85270	106.28	88047	96.87	89024	95.61	89288
868	492.9	4388.7	406	125.82	88064	115.00	85040	110.88	85270	110.52	88047	107.96	86107	100.06	89024
869	493.9	4388.7	407	130.97	88064	111.48	85040	109.12	85270	105.93	88047	103.85	85007	103.51	88003
870	494.9	4388.7	408	131.19	88064	111.77	85270	109.41	85040	107.12	88047	105.13	86107	101.21	85007
871	495.9	4388.7	409	132.25	88064	109.07	85270	105.94	85040	104.35	88047	103.95	88003	102.63	89288
872	496.9	4388.7	410	127.48	88064	111.58	85270	109.89	86107	108.18	85040	107.61	88047	107.25	89288
873	497.9	4388.7	411	130.53	88064	114.13	89024	114.05	85270	112.73	88003	108.97	86107	108.56	89288
874	498.9	4388.7	412	141.29	87356	133.24	88064	121.78	89288	119.44	85007	115.85	89344	114.15	85270
875	499.9	4388.7	413	144.10	85007	138.65	88064	130.33	88003	125.55	87352	119.70	86107	118.08	85326
876	500.9	4388.7	414	134.25	88064	134.06	86107	132.22	85007	127.00	88003	117.64	85326	112.47	87352
877	501.9	4388.7	415	135.56	88064	131.02	88003	130.88	85007	114.72	85326	109.42	86107	108.87	87352
878	502.9	4388.7	416	131.29	88064	125.67	88003	123.07	85007	113.45	85326	110.96	86107	104.17	85270
879	503.9	4388.7	417	128.86	88064	122.40	88003	116.87	85007	110.89	85326	102.58	89051	101.93	88021
880	504.9	4388.7	418	121.63	88003	119.58	88064	116.05	85007	111.21	86107	109.24	85326	103.19	85270
881	505.9	4388.7	419	125.09	88003	124.21	85007	123.97	88064	112.98	85326	108.63	87352	103.61	85270
882	506.9	4388.7	420	135.64	88003	127.73	88064	126.42	85007	122.54	87352	121.15	85326	109.19	88021
883	507.9	4388.7	421	137.32	88003	123.80	87352	122.23	85007	121.76	88340	117.74	88064	115.45	85326
884	508.9	4388.7	422	122.02	88003	113.10	88064	108.92	87352	107.73	85007	107.30	85326	103.04	88340
885	509.9	4388.7	423	116.74	88003	111.24	88064	105.92	87352	105.85	86068	105.35	85007	102.88	85326
886	510.9	4388.7	424	110.03	88003	106.05	86068	105.98	88064	102.50	85007	99.39	87352	99.19	85326
887	511.9	4388.7	425	111.09	88003	104.11	85007	103.87	86068	103.24	88064	97.94	85326	95.65	87352
888	512.9	4388.7	426	105.96	88003	102.78	86068	98.96	85007	97.52	88064	96.56	85326	93.27	86107
929	482.9	4389.7	427	113.76	85040	105.47	88047	104.29	88064	97.39	88291	97.20	85270	88.66	86284
930	483.9	4389.7	428	116.21	85040	111.59	88064	107.05	88047	99.15	88291	98.52	85270	88.87	86284
931	484.9	4389.7	429	114.40	85040	105.96	88064	102.92	88047	98.06	85270	96.78	88291	86.35	86284
932	485.9	4389.7	430	114.33	85040	104.84	88064	102.40	88047	98.34	85270	95.13	88291	84.81	86284
933	486.9	4389.7	431	114.73	85040	107.20	88064	102.11	88047	99.33	85270	94.03	88291	85.77	89288
934	487.9	4389.7	432	113.97	85040	106.93	88064	101.51	88047	100.59	85270	94.11	88291	88.72	86107
935	488.9	4389.7	433	116.82	85040	112.40	88064	104.08	88047	102.99	85270	95.65	88291	90.51	89288
936	489.9	4389.7	434	119.86	85040	118.24	88064	108.52	88047	105.09	85270	96.93	88291	96.70	86107
937	490.9	4389.7	435	120.41	88064	116.55	85040	108.50	88047	104.69	85270	95.75	88291	94.49	86107
938	491.9	4389.7	436	120.62	88064	116.45	85040	108.15	88047	106.73	85270	95.59	88291	94.12	89288
939	492.9	4389.7	437	121.19	88064	117.55	85040	111.90	88047	108.58	85270	105.88	86107	96.41	88291
940	493.9	4389.7	438	126.15	88064	114.85	85040	107.82	88047	105.90	85270	98.23	88003	98.07	86107
941	494.9	4389.7	439	126.40	88064	115.42	85040	109.62	85270	107.22	88047	104.97	86107	98.69	88003
942	495.9	4389.7	440	130.07	88064	111.38	85040	109.16	85270	105.27	88047	102.98	88003	100.04	89288
943	496.9	4389.7	441	129.19	88064	114.75	85040	113.53	85270	109.24	86107	106.94	88047	104.04	89288
944	497.9	4389.7	442	133.26	88064	116.56	85270	112.93	85040	108.47	88003	108.18	86107	107.42	88047
945	498.9	4389.7	443	179.53	89024	137.14	88064	126.09	86107	124.63	87356	122.45	88004	118.97	85270
946	499.9	4389.7	444	137.74	85007	136.87	88064	133.51	88003	124.25	85326	123.41	86107	122.43	87352
947	500.9	4389.7	445	135.39	86107	134.63	88064	129.30	88003	129.26	85007	115.67	85326	114.12	87352
948	501.9	4389.7	446	136.01	88064	128.46	88003	123.29	85007	113.05	86107	111.75	85326	108.31	87352
949	502.9	4389.7	447	133.83	88064	125.82	88003	117.28	85007	112.49	85326	112.31	86107	105.56	87352
950	503.9	4389.7	448	127.71	88064	123.31	88003	112.40	85007	109.42	85326	104.84	86107	101.64	87352
951	504.9	4389.7	449	121.53	88003	119.39	88064	115.26	86107	112.56	85007	110.33	85326	104.13	87352
952	505.9	4389.7	450	129.69	88003	124.33	88064	124.15	85007	115.00	85326	112.29	87352	105.75	86107
953	506.9	4389.7	451	135.97	88003	124.53	87352	121.43	88340	121.01	88064	118.45	85007	117.20	87351
954	507.9	4389.7	452	124.20	88003	113.17	88064	113.08	87352	108.15	85326	105.10	86107	104.55	85007
955	508.9	4389.7	453	118.84	88003	109.09	88064	102.79	87352	102.37	85326	101.10	86068	99.41	88059

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
956	509.9	4389.7	454	107.61	88003	105.67	88064	101.49	86068	98.97	87352	98.26	85326	95.74	86107
957	510.9	4389.7	455	105.09	88003	104.48	88064	102.17	86068	99.10	86107	98.54	87352	96.59	85326
958	511.9	4389.7	456	114.35	88003	106.54	88064	102.93	86068	100.95	85007	99.57	87352	99.56	85326
959	512.9	4389.7	457	108.27	88003	102.50	86068	101.38	86107	98.73	88064	96.23	85007	95.94	85326
1000	482.9	4390.7	458	113.06	85040	104.61	88064	104.45	88047	99.77	85270	94.63	88291	90.94	86284
1001	483.9	4390.7	459	118.26	85040	111.39	88064	109.45	88047	100.89	85270	98.30	88291	91.13	86284
1002	484.9	4390.7	460	116.70	85040	106.91	88047	106.87	88064	98.53	85270	97.27	88291	86.65	86284
1003	485.9	4390.7	461	116.47	85040	105.79	88047	105.55	88064	101.03	85270	97.76	88291	86.16	86284
1004	486.9	4390.7	462	115.91	85040	109.19	88064	105.43	88047	101.59	85270	97.27	88291	86.33	89288
1005	487.9	4390.7	463	116.81	85040	108.20	88064	105.31	88047	101.07	85270	95.62	88291	87.76	86107
1006	488.9	4390.7	464	117.72	85040	111.07	88064	108.46	88047	103.16	85270	96.01	88291	88.81	89288
1007	489.9	4390.7	465	118.74	85040	117.34	88064	111.39	88047	105.29	85270	97.81	88291	94.42	86107
1008	490.9	4390.7	466	119.09	88064	116.36	85040	109.76	88047	105.13	85270	97.57	88291	94.38	89288
1009	491.9	4390.7	467	119.99	88064	114.59	85040	107.47	88047	106.08	85270	96.13	88291	93.87	89288
1010	492.9	4390.7	468	117.71	88064	114.85	85040	108.56	88047	107.55	85270	103.67	86107	96.60	88291
1011	493.9	4390.7	469	125.01	88064	113.09	85040	106.97	85270	105.85	88047	96.91	88003	95.81	88291
1012	494.9	4390.7	470	124.95	88064	115.01	85040	110.37	85270	106.69	88047	102.66	86107	98.58	88003
1013	495.9	4390.7	471	125.02	88064	113.67	85040	112.21	85270	106.68	88047	105.20	88003	98.70	89288
1014	496.9	4390.7	472	125.97	88064	115.62	85270	113.75	85040	109.13	88047	105.19	86107	103.67	88003
1015	497.9	4390.7	473	124.78	88064	116.30	85270	111.94	85040	110.53	88047	107.84	88003	104.73	85007
1016	498.9	4390.7	474	146.39	86339	141.06	88064	139.54	87350	136.02	85328	135.99	88059	134.94	87359
1017	499.9	4390.7	475	139.08	88064	129.05	85007	125.73	86107	124.96	88003	122.33	87352	122.23	87327
1018	500.9	4390.7	476	136.15	88064	132.25	86107	128.57	88003	127.58	85007	112.92	87352	111.80	85326
1019	501.9	4390.7	477	136.51	88064	131.04	88003	126.24	85007	111.31	85326	108.60	87352	107.91	86107
1020	502.9	4390.7	478	137.17	88064	129.43	88003	121.07	85007	113.75	85326	109.66	86107	107.24	87352
1021	503.9	4390.7	479	129.85	88064	129.32	88003	119.98	85007	112.00	85326	105.94	87352	103.40	88021
1022	504.9	4390.7	480	124.99	88003	122.36	88064	121.31	85007	114.37	85326	114.15	86107	108.11	87352
1023	505.9	4390.7	481	136.91	88003	132.65	85007	126.81	88064	120.92	87352	117.30	85326	110.93	88021
1024	506.9	4390.7	482	135.58	88003	123.84	87352	119.51	85007	117.01	88064	115.00	88340	112.43	85326
1025	507.9	4390.7	483	121.45	88003	110.67	88064	107.83	87352	106.34	85007	104.61	85326	102.25	86068
1026	508.9	4390.7	484	116.86	88003	108.20	88064	103.31	85007	101.74	86068	101.61	87352	101.13	85326
1027	509.9	4390.7	485	110.18	88003	104.86	88064	102.07	86068	98.74	87352	97.18	85326	97.12	85007
1028	510.9	4390.7	486	105.24	88064	104.69	88003	101.87	86068	101.84	87352	99.97	85007	97.41	85326
1029	511.9	4390.7	487	116.70	88003	105.84	86068	105.50	88064	102.30	85007	102.27	87352	100.50	88340
1030	512.9	4390.7	488	106.77	88003	103.17	86068	99.37	88064	94.69	86107	93.63	85007	92.42	87352
1071	482.9	4391.7	489	113.96	85040	108.19	88047	107.49	88064	101.88	85270	92.75	88291	90.36	86284
1072	483.9	4391.7	490	116.06	85040	112.51	88064	110.15	88047	104.07	85270	95.84	88291	90.77	86284
1073	484.9	4391.7	491	114.93	85040	108.84	88064	107.18	88047	100.95	85270	96.23	88291	90.14	86284
1074	485.9	4391.7	492	115.68	85040	108.11	88047	107.33	88064	103.60	85270	99.07	88291	88.54	86284
1075	486.9	4391.7	493	115.63	85040	110.59	88064	110.25	88047	103.22	85270	98.20	88291	87.82	86284
1076	487.9	4391.7	494	114.38	85040	112.11	88064	111.19	88047	103.20	85270	98.02	88291	88.91	86107
1077	488.9	4391.7	495	116.31	85040	113.20	88064	112.17	88047	106.07	85270	98.62	88291	90.07	89288
1078	489.9	4391.7	496	117.12	85040	113.37	88064	112.12	88047	105.35	85270	97.60	88291	94.08	86107
1079	490.9	4391.7	497	118.69	88064	115.77	85040	110.38	88047	104.91	85270	99.35	88291	92.74	89288
1080	491.9	4391.7	498	119.98	88064	116.31	85040	108.54	88047	106.35	85270	99.83	88291	93.71	89288
1081	492.9	4391.7	499	117.86	85040	117.20	88064	110.07	88047	109.19	85270	103.91	86107	99.27	88291
1082	493.9	4391.7	500	124.58	88064	114.71	85040	108.90	85270	108.13	88047	98.38	88003	96.96	89024
1083	494.9	4391.7	501	124.77	88064	114.21	85040	110.41	88047	109.56	85270	103.43	86107	98.35	88004
1084	495.9	4391.7	502	125.49	88064	115.39	85040	110.89	85270	110.43	88047	104.67	88003	99.75	87352
1085	496.9	4391.7	503	127.12	88064	116.95	85040	113.32	88047	111.16	85270	108.51	88003	104.97	88059
1086	497.9	4391.7	504	126.87	88064	116.87	85270	115.83	85040	110.41	88047	109.58	88003	106.07	85007

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1087	498.9	4391.7	505	134.11	88064	124.41	88003	124.21	88059	123.54	85040	118.46	87352	115.83	85270
1088	499.9	4391.7	506	134.20	88064	128.01	87314	125.01	87352	120.17	85007	117.49	87350	117.24	88003
1089	500.9	4391.7	507	138.20	88064	132.09	86107	130.79	88003	128.54	85007	121.17	87327	115.65	87352
1090	501.9	4391.7	508	136.89	88064	133.04	88003	128.32	85007	112.36	85326	112.22	87327	111.39	87352
1091	502.9	4391.7	509	140.99	88064	132.18	88003	124.14	85007	115.19	85326	113.70	87352	111.21	86107
1092	503.9	4391.7	510	136.71	88003	135.13	88064	126.12	85007	115.10	85326	114.07	87352	109.24	88021
1093	504.9	4391.7	511	135.44	88003	133.91	85007	130.24	88064	120.27	86107	119.62	87352	118.04	85326
1094	505.9	4391.7	512	148.15	88003	137.53	85007	131.97	87352	126.26	88340	126.18	88064	124.07	87351
1095	506.9	4391.7	513	127.33	88003	117.29	87352	114.38	88064	111.67	85007	106.99	85326	105.42	86107
1096	507.9	4391.7	514	123.64	88003	109.83	88064	107.54	87352	105.32	85007	103.27	85326	100.86	86068
1097	508.9	4391.7	515	114.73	88003	104.18	88064	100.53	86068	99.25	87352	98.82	88059	98.38	85326
1098	509.9	4391.7	516	104.59	88003	102.96	88064	99.83	86068	96.77	87352	94.27	85326	93.87	88059
1099	510.9	4391.7	517	105.53	88003	101.78	88064	101.22	86068	100.34	87352	96.74	85326	93.73	85007
1100	511.9	4391.7	518	106.71	88003	103.12	86068	100.20	88064	96.83	87352	95.66	86329	93.15	85326
1101	512.9	4391.7	519	101.01	88003	99.12	86068	98.08	88064	95.26	86107	89.70	85007	89.27	87352
1142	482.9	4392.7	520	119.87	85040	108.14	88064	107.93	88047	103.27	85270	92.79	88291	89.74	86284
1143	483.9	4392.7	521	118.86	85040	111.56	88064	108.52	88047	106.10	85270	93.35	88291	89.05	88016
1144	484.9	4392.7	522	114.88	85040	109.27	88064	106.45	88047	103.52	85270	93.32	88291	88.03	88016
1145	485.9	4392.7	523	116.52	85040	109.38	88047	108.49	88064	103.90	85270	96.15	88291	87.47	86284
1146	486.9	4392.7	524	117.50	85040	112.77	88064	111.51	88047	104.66	85270	98.43	88291	89.59	88016
1147	487.9	4392.7	525	118.59	85040	114.18	88064	113.44	88047	104.73	85270	98.84	88291	89.77	86107
1148	488.9	4392.7	526	120.53	85040	115.05	88047	114.71	88064	107.02	85270	100.17	88291	95.10	87314
1149	489.9	4392.7	527	119.06	85040	114.76	88064	112.43	88047	106.76	85270	100.29	88291	95.55	86107
1150	490.9	4392.7	528	119.34	85040	118.05	88064	111.17	88047	106.47	85270	99.89	88291	93.18	86107
1151	491.9	4392.7	529	117.81	88064	117.78	85040	110.44	88047	106.59	85270	100.05	88291	93.71	86107
1152	492.9	4392.7	530	117.85	88064	117.22	85040	112.37	88047	108.13	85270	104.77	86107	99.05	88291
1153	493.9	4392.7	531	123.56	88064	115.43	85040	110.52	88047	106.37	85270	98.92	88003	96.15	86107
1154	494.9	4392.7	532	126.17	88064	116.65	85040	112.71	88047	106.34	85270	103.52	86107	99.52	88004
1155	495.9	4392.7	533	124.66	88064	116.06	85040	111.01	88047	108.84	85270	105.59	88003	102.04	88004
1156	496.9	4392.7	534	128.29	88064	119.75	85040	113.98	85270	111.33	88047	106.94	88003	105.05	86107
1157	497.9	4392.7	535	127.68	88064	113.02	85270	112.11	85040	111.52	88003	110.19	88047	104.91	87352
1158	498.9	4392.7	536	124.85	88064	115.27	88059	112.90	88003	112.39	85040	110.91	88047	108.72	85270
1159	499.9	4392.7	537	134.89	88064	120.51	87352	115.84	89288	114.81	85007	114.04	85270	114.02	87338
1160	500.9	4392.7	538	137.32	88064	130.89	85007	129.69	86107	128.37	88003	120.19	87352	117.02	87350
1161	501.9	4392.7	539	138.45	88064	136.78	88003	131.57	85007	122.31	87327	116.63	87352	114.57	87350
1162	502.9	4392.7	540	142.46	88064	136.41	88003	126.13	85007	119.35	87327	118.98	87352	118.75	85326
1163	503.9	4392.7	541	137.57	88003	133.67	88064	122.56	85007	116.69	87352	113.91	85326	112.35	87350
1164	504.9	4392.7	542	136.80	88003	130.19	88064	124.70	85007	122.99	87352	120.02	86107	118.54	87351
1165	505.9	4392.7	543	142.46	88003	129.96	87352	127.63	85007	122.67	88064	121.58	87351	111.33	88340
1166	506.9	4392.7	544	119.77	88003	111.19	88064	109.83	87352	103.77	85007	103.68	85326	103.02	86107
1167	507.9	4392.7	545	120.43	88003	108.71	88064	103.72	87352	100.85	85007	100.13	85326	99.92	86107
1168	508.9	4392.7	546	111.24	88003	103.31	88064	100.37	86068	97.99	87352	96.23	85326	95.78	88059
1169	509.9	4392.7	547	104.31	88003	102.13	86068	101.55	88064	96.24	87352	95.26	85326	91.72	88059
1170	510.9	4392.7	548	102.09	88003	101.33	86068	99.06	88064	96.35	87352	93.71	85326	92.96	86107
1171	511.9	4392.7	549	105.87	88003	101.65	86068	96.87	88064	94.89	87352	91.80	86329	90.81	85326
1172	512.9	4392.7	550	98.46	88003	98.15	86068	97.15	88064	95.37	86107	89.62	85326	89.23	87352
1213	482.9	4393.7	551	118.01	85040	108.46	88047	108.39	88064	104.10	85270	91.80	85007	91.37	88291
1214	483.9	4393.7	552	119.04	85040	111.15	88047	107.68	88064	104.01	85270	91.64	88291	88.80	88016
1215	484.9	4393.7	553	116.43	85040	110.46	88047	106.63	88064	103.98	85270	90.92	88291	87.27	85070
1216	485.9	4393.7	554	114.41	85040	110.43	88047	108.25	88064	104.43	85270	92.19	88291	88.08	85070
1217	486.9	4393.7	555	116.30	85040	114.56	88064	113.24	88047	107.44	85270	95.90	88291	89.80	87314

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1218	487.9	4393.7	556	116.50	88064	116.45	85040	112.25	88047	107.57	85270	97.26	88291	90.52	86107
1219	488.9	4393.7	557	118.68	85040	116.94	88064	114.35	88047	107.23	85270	99.25	88291	91.49	85070
1220	489.9	4393.7	558	118.56	85040	117.52	88064	114.36	88047	106.41	85270	100.02	88291	94.54	86107
1221	490.9	4393.7	559	118.93	88064	118.44	85040	114.30	88047	105.90	85270	100.92	88291	93.43	87314
1222	491.9	4393.7	560	116.79	88064	116.74	85040	114.02	88047	106.75	85270	100.32	88291	94.39	88016
1223	492.9	4393.7	561	119.60	88064	116.81	85040	116.19	88047	108.34	85270	103.63	86107	100.33	88291
1224	493.9	4393.7	562	126.09	88064	115.77	85040	113.86	88047	106.74	85270	104.09	88003	99.41	87350
1225	494.9	4393.7	563	125.45	88064	117.93	85040	111.82	88047	107.52	85270	102.34	86107	100.74	88003
1226	495.9	4393.7	564	125.78	88064	116.55	85040	110.93	85270	109.66	88047	105.98	88003	99.94	87350
1227	496.9	4393.7	565	128.18	88064	114.64	85270	114.43	85040	112.09	88047	104.32	86107	103.62	88003
1228	497.9	4393.7	566	126.13	88064	112.07	88047	111.36	85040	110.90	88003	108.63	85270	106.02	87352
1229	498.9	4393.7	567	124.39	88064	116.98	88059	114.42	85040	113.48	88003	111.31	88047	109.45	85270
1230	499.9	4393.7	568	133.25	88064	118.62	87352	117.09	88003	116.77	85007	115.17	87356	114.69	88047
1231	500.9	4393.7	569	137.29	88064	131.49	85007	130.31	86107	128.15	87350	127.82	88003	122.41	87352
1232	501.9	4393.7	570	143.87	88003	137.44	85007	135.62	88064	125.67	87352	121.37	87350	120.39	87327
1233	502.9	4393.7	571	139.33	88064	127.25	88003	115.24	87327	112.13	85007	111.61	86107	111.08	85326
1234	503.9	4393.7	572	131.46	88003	127.35	88064	113.03	85007	112.99	87352	108.19	85326	105.41	87327
1235	504.9	4393.7	573	130.99	88003	125.30	88064	119.72	87352	117.07	85007	116.16	86107	114.11	87351
1236	505.9	4393.7	574	136.17	88003	124.98	87352	122.94	85007	121.22	88064	112.05	87351	106.86	88340
1237	506.9	4393.7	575	120.51	88003	110.73	88064	105.17	87352	102.35	85007	101.52	85326	100.73	86107
1238	507.9	4393.7	576	118.25	88003	107.88	88064	102.99	85007	102.86	87352	100.72	86068	98.72	86107
1239	508.9	4393.7	577	112.79	88003	104.46	86068	104.24	88064	100.49	87352	98.07	85326	97.82	88059
1240	509.9	4393.7	578	102.69	88003	102.35	86068	101.11	88064	94.29	87352	93.57	85326	90.86	86107
1241	510.9	4393.7	579	101.02	86068	100.35	88003	97.68	88064	96.83	87352	93.40	85326	91.75	88340
1242	511.9	4393.7	580	106.11	88003	101.25	86068	98.12	88064	95.98	87352	92.91	86329	91.38	85326
1243	512.9	4393.7	581	99.37	88003	98.21	86068	96.22	88064	93.29	86107	91.44	87352	89.60	85326
1284	482.9	4394.7	582	122.12	85040	116.23	88047	110.33	88064	106.91	85270	94.75	88016	94.55	85007
1285	483.9	4394.7	583	115.84	85040	110.22	88047	107.20	88064	106.22	85270	89.83	88016	88.27	85007
1286	484.9	4394.7	584	115.03	85040	110.46	88047	106.07	85270	104.20	88064	89.93	88291	88.21	85070
1287	485.9	4394.7	585	117.11	85040	112.64	88047	108.01	88064	105.01	85270	91.44	88291	89.64	85070
1288	486.9	4394.7	586	117.63	85040	115.00	88047	113.87	88064	107.48	85270	93.46	88291	92.28	85070
1289	487.9	4394.7	587	118.25	88064	118.03	85040	115.52	88047	109.08	85270	95.30	88291	93.16	88016
1290	488.9	4394.7	588	118.01	88064	116.82	85040	115.02	88047	108.14	85270	96.50	88291	93.05	88016
1291	489.9	4394.7	589	119.11	88064	117.89	88047	116.88	85040	109.10	85270	100.52	88291	95.65	88059
1292	490.9	4394.7	590	121.71	88064	118.45	88047	117.88	85040	107.62	85270	101.12	88291	96.77	88016
1293	491.9	4394.7	591	119.82	88064	118.84	88047	117.43	85040	106.53	85270	101.31	88291	97.38	88016
1294	492.9	4394.7	592	121.90	88064	121.27	85040	120.32	88047	109.16	85270	105.41	87314	104.36	85328
1295	493.9	4394.7	593	126.42	88064	117.45	85040	115.46	88047	107.98	85270	106.72	88003	101.63	87350
1296	494.9	4394.7	594	125.76	88064	117.96	85040	114.60	88047	109.79	85270	100.61	86107	100.26	87350
1297	495.9	4394.7	595	126.36	88064	113.25	85040	113.08	88047	111.19	85270	103.93	88003	101.96	89024
1298	496.9	4394.7	596	127.01	88064	114.41	88047	113.68	85040	111.14	85270	104.63	88003	104.39	86107
1299	497.9	4394.7	597	124.50	88064	114.76	85040	112.23	88047	109.45	88003	108.29	85270	106.57	88059
1300	498.9	4394.7	598	125.54	88064	118.79	88059	114.54	88047	112.74	85040	111.55	88003	109.49	85007
1301	499.9	4394.7	599	131.28	88064	126.17	87356	122.29	88047	120.60	88059	119.69	87314	119.13	88003
1302	500.9	4394.7	600	136.15	88064	134.12	88003	130.20	85007	129.10	87352	127.18	86107	123.44	87350
1303	501.9	4394.7	601	132.93	88003	132.07	88064	128.41	85007	124.65	87352	116.71	87350	112.37	85326
1304	502.9	4394.7	602	135.00	88064	124.83	88003	118.52	85007	110.41	87352	109.80	85326	107.18	86107
1305	503.9	4394.7	603	131.50	88003	125.70	88064	114.00	85007	113.13	87352	107.82	87327	104.59	85326
1306	504.9	4394.7	604	129.41	88003	124.54	88064	120.84	87352	118.74	85007	113.72	87351	112.90	86107
1307	505.9	4394.7	605	135.97	88003	123.50	87352	122.34	85007	120.68	88064	108.28	87351	107.94	88340
1308	506.9	4394.7	606	119.56	88003	112.00	88064	104.99	87352	104.71	85007	100.52	86068	100.34	86107

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1309	507.9	4394.7	607	120.27	88003	107.09	88064	103.32	86068	102.81	87352	100.55	88059	100.18	85007
1310	508.9	4394.7	608	107.99	88003	102.97	86068	102.33	88064	97.30	88059	96.77	87352	94.72	85326
1311	509.9	4394.7	609	102.72	86068	102.31	88003	100.66	88064	93.42	87352	91.87	85326	91.45	88059
1312	510.9	4394.7	610	103.40	88003	101.37	86068	96.61	88064	96.44	87352	93.52	88340	92.52	85326
1313	511.9	4394.7	611	101.98	88003	98.89	86068	96.62	87352	96.36	88064	90.61	86346	89.90	86329
1314	512.9	4394.7	612	96.48	88003	96.32	88064	96.19	86068	92.60	86107	89.84	87352	88.14	85326
1355	482.9	4395.7	613	126.50	85040	123.19	88047	107.86	88064	106.52	85270	97.19	88016	95.70	87314
1356	483.9	4395.7	614	122.54	85040	113.42	88047	106.35	88064	105.70	85270	93.20	88016	90.32	85007
1357	484.9	4395.7	615	120.07	85040	112.04	88047	106.15	85270	103.84	88064	92.97	88016	91.06	85070
1358	485.9	4395.7	616	117.71	85040	111.44	88047	108.16	88064	107.44	85270	94.53	88016	92.19	85070
1359	486.9	4395.7	617	121.19	85040	116.97	88047	113.59	88064	109.52	85270	97.05	88016	94.82	88291
1360	487.9	4395.7	618	122.94	88047	122.36	85040	118.36	88064	110.84	85270	100.92	88016	99.65	87314
1361	488.9	4395.7	619	118.84	88047	118.13	88064	117.74	85040	108.64	85270	98.42	88016	95.63	88291
1362	489.9	4395.7	620	120.86	88047	119.65	85040	117.09	88064	108.44	85270	98.64	88291	98.32	88059
1363	490.9	4395.7	621	123.05	88064	121.47	88047	119.84	85040	106.90	85270	100.45	88291	97.52	88059
1364	491.9	4395.7	622	120.18	88064	120.16	85040	118.98	88047	106.81	85270	100.68	88291	97.73	88059
1365	492.9	4395.7	623	122.98	85040	122.81	88047	121.26	88064	110.39	85270	105.77	88059	102.65	87314
1366	493.9	4395.7	624	126.04	88064	119.08	88047	116.75	85040	109.75	85270	101.50	88003	99.80	87314
1367	494.9	4395.7	625	127.23	88064	119.98	88047	115.57	85040	112.68	85270	102.30	86107	101.35	88291
1368	495.9	4395.7	626	128.40	88064	118.42	88047	114.14	85040	108.69	85270	107.73	88003	102.51	87350
1369	496.9	4395.7	627	125.59	88064	118.53	88047	115.41	85040	108.78	85270	107.70	89024	106.79	86107
1370	497.9	4395.7	628	126.17	88064	119.66	88047	115.39	85040	112.69	88003	112.01	88059	108.55	85270
1371	498.9	4395.7	629	128.22	88064	122.96	88047	121.42	88059	120.39	85007	116.97	85040	114.20	88003
1372	499.9	4395.7	630	131.73	88064	126.50	88047	126.47	88003	125.57	88059	121.08	87356	120.20	85007
1373	500.9	4395.7	631	135.70	88064	131.52	88003	131.02	86107	128.78	85007	127.20	87352	118.58	88059
1374	501.9	4395.7	632	133.63	85007	133.07	88003	131.00	88064	124.97	87352	119.61	87350	116.31	85326
1375	502.9	4395.7	633	136.52	88064	127.95	88003	123.46	85007	119.30	87352	110.96	85326	109.32	87327
1376	503.9	4395.7	634	133.56	88003	124.99	88064	123.48	85007	119.69	87352	105.49	85326	104.45	88021
1377	504.9	4395.7	635	133.23	88003	125.78	87352	124.80	85007	122.66	88064	118.60	87351	111.24	88021
1378	505.9	4395.7	636	129.76	88003	117.04	88064	116.44	87352	112.13	85007	108.57	87351	104.20	86068
1379	506.9	4395.7	637	115.15	88003	111.87	88064	102.29	86107	101.95	86068	100.39	87352	99.26	88059
1380	507.9	4395.7	638	118.16	88003	108.55	86068	107.99	88064	102.90	87352	101.32	85007	99.79	86107
1381	508.9	4395.7	639	112.21	88003	107.32	86068	101.45	88064	97.70	87352	96.15	88059	93.34	88340
1382	509.9	4395.7	640	102.29	86068	100.97	88003	98.28	88064	91.54	88059	90.93	88340	90.92	87352
1383	510.9	4395.7	641	100.81	88003	98.50	86068	96.77	88064	93.33	87352	92.38	88059	89.91	86107
1384	511.9	4395.7	642	100.84	88003	99.11	86068	96.72	87352	95.97	88064	90.34	86346	90.19	85007
1385	512.9	4395.7	643	99.99	86068	95.99	88064	95.75	88003	92.88	86107	92.85	87352	90.18	85007
1426	482.9	4396.7	644	125.82	88047	123.87	85040	103.73	85270	103.03	88064	97.12	87314	96.58	88016
1427	483.9	4396.7	645	124.69	88047	123.92	85040	106.53	88064	105.78	85270	100.57	87314	99.02	85328
1428	484.9	4396.7	646	122.98	85040	122.45	88047	106.96	88064	105.75	85270	97.56	85328	96.58	88016
1429	485.9	4396.7	647	122.54	85040	121.70	88047	108.64	88064	107.17	85270	97.71	88016	96.74	85328
1430	486.9	4396.7	648	125.10	88047	122.80	85040	111.02	88064	108.74	85270	101.81	88016	100.49	85328
1431	487.9	4396.7	649	131.12	88047	126.11	85040	117.50	88064	111.96	85270	110.37	85328	108.65	88016
1432	488.9	4396.7	650	129.41	88047	124.03	85040	120.52	88064	110.22	85270	109.97	85328	103.78	88016
1433	489.9	4396.7	651	128.15	88047	123.42	85040	119.31	88064	114.54	85270	113.36	85328	105.73	87314
1434	490.9	4396.7	652	126.92	88047	124.31	88064	122.42	85040	111.87	85270	106.28	88003	105.58	85328
1435	491.9	4396.7	653	124.85	88047	120.39	85040	120.39	88064	110.52	85270	99.95	85328	98.69	88291
1436	492.9	4396.7	654	130.57	88047	123.70	88064	122.45	85040	113.47	85270	107.41	87314	105.57	85328
1437	493.9	4396.7	655	130.09	88064	127.15	88047	119.48	85040	113.15	85270	108.66	88003	107.09	85007
1438	494.9	4396.7	656	131.14	88064	126.45	88047	121.00	85040	114.80	85270	109.39	87314	107.96	87350
1439	495.9	4396.7	657	132.45	88064	125.99	88047	119.30	85040	114.30	88003	112.90	87314	110.73	85270

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1440	496.9	4396.7	658	129.17	88047	128.46	88064	120.74	85040	113.01	88003	111.28	87352	110.72	85270
1441	497.9	4396.7	659	131.18	88064	126.01	88047	121.65	88059	118.88	85040	118.18	88003	115.50	85007
1442	498.9	4396.7	660	132.27	88064	129.81	85007	129.02	88059	124.36	88003	123.83	88047	123.01	85040
1443	499.9	4396.7	661	128.28	88064	127.76	88003	124.55	88059	122.44	88047	119.71	87352	118.48	85007
1444	500.9	4396.7	662	137.67	88064	130.42	86107	129.58	85007	129.35	88003	126.42	87352	124.73	88059
1445	501.9	4396.7	663	138.98	88003	135.15	85007	131.94	88064	127.79	87352	119.60	87350	118.48	87327
1446	502.9	4396.7	664	132.99	88064	127.73	88003	121.59	87352	120.17	85007	112.65	88047	112.07	87327
1447	503.9	4396.7	665	135.81	88003	124.54	88064	124.29	87352	123.46	85007	116.47	87351	111.60	88047
1448	504.9	4396.7	666	126.18	88003	123.82	87352	122.61	85007	120.24	88064	113.15	87351	109.32	86107
1449	505.9	4396.7	667	128.64	88003	116.29	88064	114.13	85007	112.03	87352	103.20	86068	99.73	85326
1450	506.9	4396.7	668	114.91	88003	109.73	88064	102.33	86068	101.16	85007	100.63	87352	99.89	86107
1451	507.9	4396.7	669	116.59	88003	106.93	88064	104.63	86068	102.12	87352	101.73	88059	98.92	86107
1452	508.9	4396.7	670	109.51	88003	101.59	88064	101.03	86068	94.97	88059	94.23	87352	93.34	86107
1453	509.9	4396.7	671	103.41	88003	97.82	88064	96.24	86068	91.92	86107	91.50	87352	89.03	85326
1454	510.9	4396.7	672	101.64	88003	96.92	88064	95.88	86068	94.04	87352	93.81	88059	92.11	85007
1455	511.9	4396.7	673	102.26	88003	98.08	86068	97.80	87352	96.62	88064	92.89	85007	90.49	86346
1456	512.9	4396.7	674	98.92	88003	95.77	88064	95.60	87352	95.22	86068	94.42	86107	91.60	85007
1497	482.9	4397.7	675	129.05	85040	118.83	88047	101.89	85270	100.91	88064	100.05	85070	99.37	88016
1498	483.9	4397.7	676	132.82	85040	122.80	88047	104.22	85270	103.03	85070	102.95	88016	102.58	88064
1499	484.9	4397.7	677	131.57	85040	124.10	88047	105.73	85270	104.54	88064	104.21	87314	103.94	88016
1500	485.9	4397.7	678	130.07	85040	122.79	88047	108.43	88064	105.27	85270	103.54	88016	101.91	85070
1501	486.9	4397.7	679	127.70	85040	121.99	88047	108.59	88064	105.82	85270	103.84	88016	101.89	85070
1502	487.9	4397.7	680	125.34	85040	122.80	88047	108.40	88064	106.96	85270	105.54	88059	104.75	88016
1503	488.9	4397.7	681	123.36	88047	122.29	85040	110.70	88064	107.11	85270	106.29	88059	104.96	88016
1504	489.9	4397.7	682	129.30	88047	126.32	85040	114.18	88064	113.05	88059	109.87	85270	104.85	85070
1505	490.9	4397.7	683	126.74	88047	120.74	85040	119.04	88064	108.60	85270	108.31	88059	103.27	89014
1506	491.9	4397.7	684	125.68	88047	117.56	85040	116.72	88064	109.35	85270	107.75	88059	101.24	89014
1507	492.9	4397.7	685	129.48	88047	120.87	88064	120.63	85040	116.39	88059	112.02	85270	104.67	87270
1508	493.9	4397.7	686	128.50	88047	125.46	88064	116.29	85040	111.66	88059	109.13	85270	105.00	88003
1509	494.9	4397.7	687	130.56	88047	124.80	88064	118.35	85040	113.65	88059	108.72	85270	105.75	88003
1510	495.9	4397.7	688	131.16	88047	125.15	88064	118.25	85040	112.16	88059	109.46	88003	106.87	87352
1511	496.9	4397.7	689	128.38	88047	127.42	88064	120.54	85040	118.85	88059	109.81	86107	109.17	88003
1512	497.9	4397.7	690	129.48	88064	128.53	88047	125.54	88059	118.57	85040	117.88	87314	115.12	86107
1513	498.9	4397.7	691	130.63	88064	129.23	88059	126.22	88003	124.32	88047	118.40	85040	118.15	87352
1514	499.9	4397.7	692	126.46	88059	125.16	88064	124.48	88047	120.75	88003	119.39	86107	115.12	87352
1515	500.9	4397.7	693	138.49	88064	135.59	86107	131.41	88003	129.16	88059	128.50	88047	125.81	85007
1516	501.9	4397.7	694	136.43	88003	135.58	85007	131.47	87352	131.16	88064	118.26	88047	118.00	87327
1517	502.9	4397.7	695	133.79	88003	130.04	88064	125.11	87352	121.64	85007	112.68	85326	112.41	87327
1518	503.9	4397.7	696	131.61	88003	125.35	87352	121.57	88064	119.74	85007	112.78	87351	107.84	88047
1519	504.9	4397.7	697	126.35	88003	126.21	87352	124.06	85007	120.75	88064	115.81	86107	107.86	87351
1520	505.9	4397.7	698	132.55	88003	121.64	85007	117.89	88064	117.03	87352	106.80	86068	106.31	88340
1521	506.9	4397.7	699	116.85	88003	109.17	88064	105.70	86107	103.21	86068	101.24	87352	99.39	85007
1522	507.9	4397.7	700	114.30	88003	105.85	88064	105.33	86107	103.31	86068	100.80	87352	98.85	88059
1523	508.9	4397.7	701	111.90	88003	102.82	88064	101.34	86107	100.62	86068	95.54	88059	94.77	87352
1524	509.9	4397.7	702	107.20	88003	99.97	88064	99.82	86107	98.87	86068	94.91	87352	93.41	88059
1525	510.9	4397.7	703	103.61	88003	98.60	86107	98.04	86068	96.78	88064	96.77	88059	94.60	87352
1526	511.9	4397.7	704	100.82	88003	98.45	86068	97.45	87352	96.87	88064	96.73	86107	90.90	86329
1527	512.9	4397.7	705	102.40	86107	98.16	88003	96.46	87352	96.19	86068	93.40	88064	89.93	86329
1568	482.9	4398.7	706	121.54	85040	121.19	88047	102.42	85070	99.51	85270	97.81	88064	95.85	88016
1569	483.9	4398.7	707	124.04	88047	122.05	85040	102.23	85070	100.81	85270	98.56	88064	96.66	88016
1570	484.9	4398.7	708	126.96	88047	120.77	85040	104.20	85070	103.11	88016	100.94	85270	100.80	88064

## SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1571	485.9	4398.7	709	124.76	88047	119.35	85040	107.53	88064	103.73	85328	103.61	85270	102.86	88016
1572	486.9	4398.7	710	122.40	88047	117.92	85040	105.61	88064	102.70	85270	101.38	85070	97.75	88059
1573	487.9	4398.7	711	125.25	88047	118.29	85040	102.92	88064	102.30	85270	100.25	85070	97.50	88059
1574	488.9	4398.7	712	126.66	88047	120.66	85040	107.09	88064	103.73	85270	102.75	88059	99.16	85070
1575	489.9	4398.7	713	127.16	88047	117.49	85040	110.10	88064	106.70	88059	105.95	85270	99.76	85070
1576	490.9	4398.7	714	123.40	88047	114.19	85040	113.83	88064	106.38	85270	104.35	88059	99.38	88016
1577	491.9	4398.7	715	122.95	88047	115.76	85040	112.95	88064	108.36	85270	103.74	88059	98.85	85070
1578	492.9	4398.7	716	127.65	88047	119.52	88064	115.80	85040	111.05	85270	109.09	88059	100.01	85070
1579	493.9	4398.7	717	129.71	88047	125.74	88064	114.30	85040	108.86	85270	107.27	88059	106.09	88003
1580	494.9	4398.7	718	131.29	88047	122.59	88064	114.86	85040	108.84	88003	108.34	85270	107.75	88059
1581	495.9	4398.7	719	126.60	88047	123.00	88064	115.59	85040	110.75	88003	107.77	85270	107.15	87352
1582	496.9	4398.7	720	126.98	88047	124.38	88064	117.75	85040	114.26	88059	108.78	88003	108.74	85270
1583	497.9	4398.7	721	129.59	88064	128.66	88047	124.42	88059	121.43	85040	116.62	88003	115.67	87314
1584	498.9	4398.7	722	129.44	88064	126.80	88059	125.55	88003	121.63	88047	118.24	87352	117.48	85040
1585	499.9	4398.7	723	129.56	88059	128.92	88064	123.50	88047	123.17	88003	117.86	87314	117.31	87356
1586	500.9	4398.7	724	141.47	88064	140.70	88003	134.34	88059	130.90	87352	129.40	85007	127.35	87314
1587	501.9	4398.7	725	142.76	88003	137.93	88064	137.14	85007	132.99	87352	130.09	87350	125.91	87314
1588	502.9	4398.7	726	142.39	88003	133.53	87352	131.88	88064	125.94	85007	121.70	87351	119.25	87327
1589	503.9	4398.7	727	139.24	88003	129.87	87352	126.64	85007	122.21	88064	116.44	87351	112.47	88047
1590	504.9	4398.7	728	132.11	88003	129.45	87352	121.79	85007	119.47	88064	118.80	87351	116.20	88059
1591	505.9	4398.7	729	129.29	88003	116.82	88064	116.49	85007	114.96	87352	105.71	86346	104.70	86329
1592	506.9	4398.7	730	117.21	88003	108.75	88064	101.86	86068	101.72	87352	101.26	88059	100.24	85007
1593	507.9	4398.7	731	118.58	88003	107.27	88064	103.89	88340	103.75	86068	103.43	88059	101.86	87352
1594	508.9	4398.7	732	114.30	88003	104.38	88064	101.39	86068	98.90	88059	98.39	87352	95.44	85007
1595	509.9	4398.7	733	110.63	88003	101.95	88064	99.14	86068	97.22	87352	95.96	88059	95.36	86107
1596	510.9	4398.7	734	105.33	88003	99.04	86068	98.48	88064	98.32	88059	95.16	87352	93.49	86107
1597	511.9	4398.7	735	102.73	88003	98.43	86068	97.67	87352	97.25	88064	94.51	86107	90.55	85007
1598	512.9	4398.7	736	99.77	88003	99.04	86068	98.23	87352	96.76	86107	93.17	88064	92.57	85007
1639	482.9	4399.7	737	119.67	85040	117.67	88047	101.26	85070	97.40	85270	96.94	88016	95.52	88064
1640	483.9	4399.7	738	120.85	85040	118.94	88047	102.97	88016	102.50	85070	96.77	85270	93.39	88059
1641	484.9	4399.7	739	121.22	88047	119.85	85040	103.21	85070	97.76	88016	96.06	85270	94.41	88064
1642	485.9	4399.7	740	129.86	88047	123.93	85040	105.21	85070	103.24	88059	101.96	88064	100.19	88016
1643	486.9	4399.7	741	125.26	88047	122.80	85040	107.40	88064	104.02	88059	102.21	85070	102.11	85270
1644	487.9	4399.7	742	120.70	85040	120.28	88047	103.86	88064	101.84	85070	101.54	88059	101.19	85270
1645	488.9	4399.7	743	120.98	85040	119.61	88047	106.23	88059	104.01	88064	102.83	85070	102.73	85270
1646	489.9	4399.7	744	120.20	85040	119.56	88047	110.23	88059	105.72	88064	105.48	85270	102.82	85070
1647	490.9	4399.7	745	118.91	88047	116.99	85040	111.43	88064	105.98	88059	104.77	85270	102.08	85070
1648	491.9	4399.7	746	121.55	88047	114.90	85040	110.33	88064	106.56	88059	105.90	85270	101.29	85070
1649	492.9	4399.7	747	124.92	88047	118.96	85040	115.28	88064	114.30	88059	108.48	85270	105.84	87314
1650	493.9	4399.7	748	123.07	88047	122.58	88064	120.71	85040	117.06	88059	110.72	85270	107.59	88003
1651	494.9	4399.7	749	120.81	88047	120.73	88064	115.72	85040	111.92	88059	107.84	85270	104.60	87352
1652	495.9	4399.7	750	120.63	88064	119.58	88047	115.43	85040	110.80	88059	109.09	88003	106.62	87352
1653	496.9	4399.7	751	122.16	88064	120.61	88047	120.07	88059	117.03	85040	109.12	87270	108.88	85270
1654	497.9	4399.7	752	126.40	88064	124.81	88047	122.67	88059	118.56	85040	115.78	87314	113.38	88003
1655	498.9	4399.7	753	128.14	88064	127.13	88059	119.98	88047	117.80	87352	117.61	85040	117.05	88003
1656	499.9	4399.7	754	135.84	88059	129.60	88064	125.88	88003	119.68	87352	119.59	88047	119.14	87314
1657	500.9	4399.7	755	140.28	88059	139.78	88003	135.88	88064	131.74	87352	125.65	86107	125.12	85007
1658	501.9	4399.7	756	135.07	88064	134.41	88003	128.44	87352	125.85	88059	124.64	87333	124.54	87351
1659	502.9	4399.7	757	133.26	88003	127.89	87352	125.02	88064	124.50	87351	118.96	88059	114.20	88047
1660	503.9	4399.7	758	130.43	88003	123.43	87352	118.76	87351	117.94	88064	112.33	85007	108.61	88059
1661	504.9	4399.7	759	125.15	88003	116.70	87352	112.51	88059	111.65	88064	107.79	87351	102.41	87270

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1662	505.9	4399.7	760	120.61	88003	111.59	88064	109.83	87352	105.01	85007	100.94	86329	100.94	88059
1663	506.9	4399.7	761	115.84	88003	105.76	88064	104.24	88059	98.90	88340	98.63	86068	97.96	87352
1664	507.9	4399.7	762	115.70	88003	106.29	88059	105.84	88064	98.98	87352	98.97	86107	96.86	86068
1665	508.9	4399.7	763	113.10	88003	103.13	88064	101.64	88059	97.20	87352	96.44	86068	95.03	86107
1666	509.9	4399.7	764	107.33	88003	100.09	88064	98.26	88059	96.61	86107	93.70	87352	93.11	86068
1667	510.9	4399.7	765	104.00	88003	99.65	88059	97.90	86107	97.69	88064	94.43	86068	91.48	87352
1668	511.9	4399.7	766	102.38	88003	98.55	88064	96.68	86107	94.16	87352	93.71	88059	93.57	86068
1669	512.9	4399.7	767	103.06	88003	99.34	86107	95.96	87352	94.63	86068	92.92	88064	92.15	86329
1710	482.9	4400.7	768	122.13	88047	117.19	85040	104.46	85070	96.78	85270	95.07	88064	93.98	88016
1711	483.9	4400.7	769	119.73	88047	116.44	85040	102.84	85070	96.16	85270	92.17	88064	91.97	88059
1712	484.9	4400.7	770	118.26	85040	116.30	88047	102.00	85070	96.85	85270	93.90	88059	93.27	88064
1713	485.9	4400.7	771	121.54	85040	118.30	88047	104.40	85070	97.15	88059	97.11	88064	97.01	85270
1714	486.9	4400.7	772	126.16	85040	125.95	88047	110.25	88059	107.61	85070	104.54	88064	102.13	85270
1715	487.9	4400.7	773	118.78	85040	118.61	88047	105.95	88064	103.99	85070	103.19	88059	102.11	85270
1716	488.9	4400.7	774	118.95	88047	116.17	85040	104.74	88064	104.56	85070	103.42	88059	103.03	85270
1717	489.9	4400.7	775	121.31	88047	116.98	85040	109.06	88059	104.94	88064	104.02	85070	103.20	85270
1718	490.9	4400.7	776	121.12	88047	113.98	85040	107.26	88064	105.84	88059	101.44	85270	101.40	85070
1719	491.9	4400.7	777	118.85	88047	112.57	85040	106.82	88064	105.92	88059	101.42	85270	100.04	85070
1720	492.9	4400.7	778	121.44	88047	113.77	85040	112.32	88064	111.71	88059	104.22	85270	102.96	88016
1721	493.9	4400.7	779	118.50	88047	117.13	88064	112.82	85040	110.29	88059	105.16	88016	103.92	88003
1722	494.9	4400.7	780	117.88	88047	115.75	85040	115.05	88064	110.73	88059	105.44	88016	105.29	85270
1723	495.9	4400.7	781	117.09	88064	115.57	88047	111.57	85040	108.40	88059	107.49	85270	104.00	88003
1724	496.9	4400.7	782	118.69	88064	118.63	88059	117.23	88047	111.33	85040	109.02	85270	105.43	88016
1725	497.9	4400.7	783	125.78	88059	122.86	88064	119.89	88047	113.73	88003	113.17	85040	111.80	87270
1726	498.9	4400.7	784	132.42	88059	127.60	88064	120.51	87314	118.69	88047	116.65	87333	114.40	87352
1727	499.9	4400.7	785	137.83	88059	126.68	88064	124.57	88003	123.19	87352	120.98	87001	119.98	88047
1728	500.9	4400.7	786	136.91	88059	131.88	88003	128.70	88064	124.25	87352	121.64	87333	118.31	86107
1729	501.9	4400.7	787	130.58	88064	125.01	88003	119.09	87352	115.50	88059	110.42	85007	110.33	88047
1730	502.9	4400.7	788	127.96	88003	123.22	87352	120.06	88064	111.93	88059	109.86	88047	108.25	87351
1731	503.9	4400.7	789	125.05	88003	121.17	87352	116.63	88064	115.72	85007	110.14	87351	102.99	88047
1732	504.9	4400.7	790	121.01	88003	110.72	87352	109.12	88064	108.63	88059	103.00	85007	101.01	88047
1733	505.9	4400.7	791	120.51	88003	111.87	88064	109.04	87352	102.94	85007	102.01	86068	98.05	88059
1734	506.9	4400.7	792	112.89	88003	104.60	88064	101.32	88059	97.91	87352	97.73	88340	96.00	86068
1735	507.9	4400.7	793	113.16	88003	104.06	88064	102.63	88059	97.75	87352	95.88	86068	93.73	88047
1736	508.9	4400.7	794	108.89	88003	102.70	88064	98.28	88059	94.72	87352	93.81	86068	91.46	88047
1737	509.9	4400.7	795	106.29	88003	97.21	88064	94.36	86068	93.53	88059	91.84	86107	90.55	87352
1738	510.9	4400.7	796	98.50	88003	95.57	88059	95.33	88064	93.60	86068	90.81	86107	87.08	86329
1739	511.9	4400.7	797	101.24	88003	97.43	88064	94.97	86068	90.90	88059	89.97	87352	87.65	86329
1740	512.9	4400.7	798	103.19	88003	96.04	86068	93.23	88064	92.92	87352	92.44	86107	91.30	88059
1781	482.9	4401.7	799	116.16	85040	113.74	88047	102.25	85070	98.13	85270	93.34	88059	91.61	88016
1782	483.9	4401.7	800	114.24	85040	113.67	88047	103.53	85070	97.34	85270	94.16	88059	89.92	88016
1783	484.9	4401.7	801	116.25	88047	114.74	85040	104.75	85070	98.78	85270	96.03	88059	93.85	85360
1784	485.9	4401.7	802	116.58	88047	113.10	85040	104.95	85070	98.29	85270	97.87	88064	97.32	88059
1785	486.9	4401.7	803	122.82	88047	115.86	85040	108.78	85070	108.30	88059	102.19	88064	101.16	85270
1786	487.9	4401.7	804	122.95	88047	113.11	85040	105.80	88059	105.79	85070	103.52	88064	100.37	85270
1787	488.9	4401.7	805	124.18	88047	110.80	85040	105.34	88064	104.85	88059	102.33	85070	98.20	85270
1788	489.9	4401.7	806	124.45	88047	111.54	85040	108.99	88059	104.71	88064	101.32	85070	98.87	85270
1789	490.9	4401.7	807	120.11	88047	109.90	85040	105.71	88064	104.21	88059	98.47	85070	98.13	85270
1790	491.9	4401.7	808	119.54	88047	111.32	85040	105.42	88064	104.07	88059	99.96	85270	97.80	85070
1791	492.9	4401.7	809	121.34	88047	114.40	85040	111.78	88059	111.11	88064	102.21	85270	100.37	85360
1792	493.9	4401.7	810	119.40	88047	115.61	88064	111.92	85040	109.41	88059	102.64	88003	101.26	87352

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1793	494.9	4401.7	811	118.17	88047	114.04	88064	112.24	88059	110.59	85040	107.84	88016	103.76	85270
1794	495.9	4401.7	812	116.13	88047	115.94	88064	111.18	88059	110.22	88016	108.52	85040	103.88	88003
1795	496.9	4401.7	813	120.36	88059	115.33	88047	114.11	88064	111.54	85040	106.02	88016	104.90	87352
1796	497.9	4401.7	814	121.36	88059	116.28	88064	114.58	88047	110.06	88003	108.96	85040	108.50	87352
1797	498.9	4401.7	815	132.10	88059	118.76	88047	118.33	88064	117.52	87333	110.60	87001	110.01	87270
1798	499.9	4401.7	816	132.32	88059	124.15	88064	121.37	87314	117.98	88047	115.44	87333	115.06	87352
1799	500.9	4401.7	817	129.22	88059	128.12	88003	125.17	87352	123.45	88064	114.93	85007	114.74	86107
1800	501.9	4401.7	818	134.24	88064	125.92	88003	119.72	87352	116.94	88059	116.13	88047	111.42	87356
1801	502.9	4401.7	819	131.81	88003	127.24	87352	120.72	88064	117.73	88047	113.70	88059	113.17	85007
1802	503.9	4401.7	820	124.01	88003	123.50	87352	116.74	88064	116.64	85007	114.64	87351	106.64	88047
1803	504.9	4401.7	821	118.01	88003	109.90	88059	108.22	87352	106.61	88064	102.36	88047	99.95	85007
1804	505.9	4401.7	822	119.83	88003	109.95	88064	106.33	87352	103.65	88340	100.32	88059	99.49	88047
1805	506.9	4401.7	823	111.41	88003	105.68	88064	102.97	88059	98.34	88047	98.23	87352	94.07	86068
1806	507.9	4401.7	824	109.55	88003	103.31	88059	103.16	88064	98.93	88047	98.36	87352	94.71	87270
1807	508.9	4401.7	825	111.04	88003	104.88	88064	102.06	88059	98.84	88047	96.37	87352	96.22	86068
1808	509.9	4401.7	826	106.43	88003	104.32	86068	98.49	88064	95.72	88047	93.65	87352	92.65	86107
1809	510.9	4401.7	827	97.49	88003	96.45	86068	95.21	88064	95.01	88059	88.36	88047	87.85	86107
1810	511.9	4401.7	828	101.03	88064	100.80	88003	95.72	86068	93.09	88059	91.85	87352	91.77	86107
1811	512.9	4401.7	829	108.85	88003	99.50	86068	98.94	87352	95.34	88064	94.16	85007	93.23	87351
1852	482.9	4402.7	830	122.14	88047	113.41	85040	104.68	85070	94.87	88059	93.27	85270	92.50	88016
1853	483.9	4402.7	831	121.67	88047	111.23	85040	103.74	85070	95.73	88059	94.06	85270	94.01	88016
1854	484.9	4402.7	832	125.99	88047	114.93	85040	107.21	85070	100.22	88059	99.88	85360	99.62	88016
1855	485.9	4402.7	833	129.26	88047	113.17	85040	106.54	85070	98.81	88016	98.31	88059	97.73	85360
1856	486.9	4402.7	834	130.16	88047	115.84	85040	106.28	88059	104.98	85070	99.32	85270	98.20	88016
1857	487.9	4402.7	835	129.64	88047	118.65	85040	108.88	88059	103.93	88064	103.57	87314	103.11	85070
1858	488.9	4402.7	836	125.59	88047	117.82	85040	108.81	88064	108.03	88059	102.80	85270	102.34	85070
1859	489.9	4402.7	837	126.40	88047	117.43	85040	109.67	88064	109.42	88059	102.48	85270	102.20	85070
1860	490.9	4402.7	838	124.32	88047	111.92	85040	108.58	88064	106.24	88059	100.39	85270	100.01	88016
1861	491.9	4402.7	839	122.77	88047	111.30	85040	107.03	88059	105.76	88064	100.56	85070	99.78	85270
1862	492.9	4402.7	840	122.47	88047	114.37	88059	112.53	85040	108.83	88064	102.09	88016	101.49	85070
1863	493.9	4402.7	841	119.23	88047	114.75	88064	112.30	88059	108.98	85040	102.87	88016	102.84	87352
1864	494.9	4402.7	842	118.07	88047	114.35	88059	114.05	88064	106.51	85040	103.23	88016	103.17	87352
1865	495.9	4402.7	843	116.21	88064	115.43	88047	111.09	88059	105.91	88003	103.23	85040	101.35	87352
1866	496.9	4402.7	844	118.99	88059	118.92	88047	111.41	88064	105.94	87314	104.66	87352	104.51	85040
1867	497.9	4402.7	845	116.37	88059	116.36	88047	111.15	88064	107.36	88003	105.50	85040	105.36	87352
1868	498.9	4402.7	846	121.68	88059	113.46	88047	110.80	88064	105.16	88003	104.71	85040	103.69	87270
1869	499.9	4402.7	847	134.06	88059	120.11	88047	119.15	88064	116.97	87314	115.43	87333	115.00	87270
1870	500.9	4402.7	848	128.56	88059	128.08	87352	126.02	88003	124.27	88064	118.68	87314	118.07	87338
1871	501.9	4402.7	849	141.89	88003	136.15	88064	133.15	87352	130.09	88059	126.61	88047	124.93	85007
1872	502.9	4402.7	850	135.89	88003	130.01	87352	126.21	88064	122.95	88047	120.23	87314	119.23	88059
1873	503.9	4402.7	851	135.54	88003	133.80	87352	132.48	85007	122.05	88064	121.94	88047	120.33	87351
1874	504.9	4402.7	852	125.69	88003	117.94	85007	117.10	87352	114.76	88047	111.18	88340	109.38	88059
1875	505.9	4402.7	853	125.74	88003	110.32	88064	109.39	87352	107.87	88047	107.35	85007	100.87	88340
1876	506.9	4402.7	854	114.48	88003	105.44	88059	105.44	88064	104.92	88047	103.36	87352	99.34	88340
1877	507.9	4402.7	855	114.65	88003	107.18	88059	104.90	87352	104.68	88064	103.72	88047	101.74	86068
1878	508.9	4402.7	856	119.72	88003	114.21	88059	108.53	88340	108.07	88064	107.37	87352	106.40	87350
1879	509.9	4402.7	857	110.58	88003	106.00	88064	104.69	86068	104.59	86333	104.37	85328	102.80	87314
1880	510.9	4402.7	858	107.23	88003	101.59	86068	101.35	88064	99.29	88059	97.08	85320	96.23	87352
1881	511.9	4402.7	859	111.60	88003	104.06	87351	103.87	88059	103.60	88064	101.33	86068	100.30	87352
1882	512.9	4402.7	860	107.12	88003	99.33	87352	99.05	87351	97.81	88064	96.20	86068	95.02	87360
1923	482.9	4403.7	861	114.69	88047	108.37	85040	104.97	85070	95.18	88016	94.17	88059	92.39	85270

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1924	483.9	4403.7	862	118.61	88047	108.22	85040	107.42	85070	100.54	85360	94.42	88059	94.12	89014
1925	484.9	4403.7	863	125.56	88047	119.07	85040	110.34	88059	108.48	85070	107.70	85360	101.83	89014
1926	485.9	4403.7	864	123.95	88047	111.25	85040	103.66	85070	102.74	88059	100.80	88016	99.60	89014
1927	486.9	4403.7	865	122.25	88047	113.79	85040	106.61	88059	104.90	85070	98.81	85360	97.35	88016
1928	487.9	4403.7	866	127.99	88047	118.64	85040	117.72	88059	107.56	85070	105.82	85360	105.07	89014
1929	488.9	4403.7	867	126.86	88047	117.46	85040	116.14	88059	105.38	88016	104.86	85070	103.94	87270
1930	489.9	4403.7	868	126.79	88047	118.66	85040	117.61	88059	108.26	88016	105.19	85070	105.12	88064
1931	490.9	4403.7	869	126.61	88047	118.44	85040	116.06	88059	109.38	88064	108.08	88016	104.44	85070
1932	491.9	4403.7	870	122.12	88047	116.45	85040	114.50	88059	109.54	88016	107.25	88064	103.48	85328
1933	492.9	4403.7	871	122.82	88047	119.39	88059	115.85	85040	113.27	88016	112.25	85328	111.62	88064
1934	493.9	4403.7	872	120.11	88047	116.10	85040	115.20	88064	114.69	88059	110.69	87352	110.38	88016
1935	494.9	4403.7	873	116.31	88047	115.85	85040	114.75	88059	110.99	88064	106.69	88016	105.84	85328
1936	495.9	4403.7	874	113.47	88064	112.80	85040	112.40	88047	111.46	88059	106.21	88003	103.46	87352
1937	496.9	4403.7	875	119.10	88059	112.16	85040	111.94	88064	110.42	88047	106.71	87352	106.61	88003
1938	497.9	4403.7	876	115.62	88059	114.52	88064	110.39	85040	110.32	88003	110.03	87352	108.62	88047
1939	498.9	4403.7	877	122.14	88059	113.85	87314	111.56	88047	111.15	88064	108.38	87352	107.78	88003
1940	499.9	4403.7	878	135.64	88059	119.83	88047	117.21	88064	116.86	87314	116.03	87352	113.31	85040
1941	500.9	4403.7	879	140.13	88059	132.82	87351	131.26	87352	125.86	88047	123.97	88003	121.45	85007
1942	501.9	4403.7	880	130.73	88003	128.79	88059	127.30	88064	125.46	87352	122.08	87351	119.64	87337
1943	502.9	4403.7	881	134.00	88059	126.17	88003	121.32	86351	121.20	87352	120.96	86339	120.57	88047
1944	503.9	4403.7	882	132.63	88003	128.06	87351	127.69	88059	127.52	86351	126.43	87352	122.06	86354
1945	504.9	4403.7	883	122.37	88059	120.66	88003	118.56	86351	118.00	87351	114.95	87352	111.28	86354
1946	505.9	4403.7	884	119.68	88003	109.92	88059	108.44	87352	107.78	87351	107.18	88047	105.51	86351
1947	506.9	4403.7	885	115.20	88059	107.15	88003	105.16	86351	104.48	87270	103.73	88047	102.79	85340
1948	507.9	4403.7	886	117.57	88059	110.07	88003	106.55	87351	106.27	86351	106.05	87270	105.05	86354
1949	508.9	4403.7	887	111.22	88059	109.64	88003	105.74	87351	103.61	88047	103.22	86351	103.21	87270
1950	509.9	4403.7	888	106.50	88047	106.45	88059	104.11	87351	101.91	86351	99.47	86354	99.26	87339
1951	510.9	4403.7	889	107.41	88059	103.44	87351	100.71	88047	100.49	88003	100.24	86351	98.55	87337
1952	511.9	4403.7	890	98.13	88059	97.00	88064	96.63	87351	96.55	88003	96.26	87337	94.43	87339
1953	512.9	4403.7	891	98.22	88003	97.07	86107	93.63	88059	93.28	88064	91.59	87352	90.03	87339
1994	482.9	4404.7	892	116.20	88047	113.06	85040	103.77	85070	100.40	88016	96.15	85360	93.05	89014
1995	483.9	4404.7	893	119.56	88047	111.83	85040	103.22	85070	103.19	85360	94.68	88059	94.64	88016
1996	484.9	4404.7	894	121.80	88047	112.39	85040	105.70	85070	99.99	88059	96.15	85360	94.27	88016
1997	485.9	4404.7	895	119.63	88047	111.47	85040	104.76	85070	100.08	88059	96.06	85360	95.43	88016
1998	486.9	4404.7	896	119.18	88047	112.59	85040	104.35	85070	100.59	88059	98.21	85360	95.86	88016
1999	487.9	4404.7	897	122.47	88047	115.38	85040	110.15	88059	105.95	85070	100.76	85360	100.41	88016
2000	488.9	4404.7	898	120.66	88047	113.34	85040	109.80	88059	105.30	85070	101.58	88016	99.14	85360
2001	489.9	4404.7	899	124.86	88047	117.80	88059	117.36	85040	107.02	85070	106.87	85360	106.79	88016
2002	490.9	4404.7	900	121.95	88047	116.67	88059	114.00	85040	111.66	88016	105.38	85070	104.67	89014
2003	491.9	4404.7	901	119.45	88047	117.30	88059	115.31	85040	110.61	88016	108.56	85360	107.10	85070
2004	492.9	4404.7	902	126.70	88059	123.83	88047	117.57	85040	112.91	87270	111.25	85360	108.32	88016
2005	493.9	4404.7	903	122.29	88059	120.57	88047	112.35	85040	110.42	88064	107.49	87270	105.85	87337
2006	494.9	4404.7	904	122.03	88059	116.10	88047	111.30	85040	110.22	88064	107.73	87270	105.70	87314
2007	495.9	4404.7	905	118.91	88059	113.57	88047	110.50	85040	110.41	88064	108.45	88003	106.95	87352
2008	496.9	4404.7	906	127.32	88059	114.20	88047	111.46	87270	109.97	85040	109.62	87314	107.32	88064
2009	497.9	4404.7	907	125.45	88059	113.27	88047	111.64	87352	111.61	88003	110.40	87270	108.62	88064
2010	498.9	4404.7	908	127.85	88059	112.94	88047	108.42	87333	108.18	87270	106.03	87352	106.00	88064
2011	499.9	4404.7	909	146.97	88059	129.18	86339	125.96	87270	120.47	87333	118.86	88047	118.84	87351
2012	500.9	4404.7	910	140.27	88059	137.85	87314	128.32	87333	126.08	87352	123.87	87351	122.61	88047
2013	501.9	4404.7	911	130.53	88003	125.61	87352	124.27	88064	116.24	88047	116.01	88059	114.32	87351
2014	502.9	4404.7	912	122.12	88059	118.71	88003	111.76	87352	111.52	88047	109.72	88064	108.45	87270

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2015	503.9	4404.7	913	116.17	88003	111.51	88059	110.72	87352	109.04	88064	105.17	87351	104.06	88047
2016	504.9	4404.7	914	120.82	88059	115.50	88003	111.15	87352	109.50	87270	107.16	87351	106.30	85340
2017	505.9	4404.7	915	117.58	88003	109.34	87352	105.41	88064	104.78	88059	100.30	88363	99.73	88047
2018	506.9	4404.7	916	113.34	88059	108.11	88047	106.62	88003	103.08	87351	100.66	87352	99.82	87270
2019	507.9	4404.7	917	113.78	88059	110.53	88047	107.52	87351	101.08	87270	101.03	88003	100.26	87339
2020	508.9	4404.7	918	102.18	88059	98.83	88047	98.59	87339	97.30	88003	95.21	87270	92.94	88064
2021	509.9	4404.7	919	93.60	88059	93.28	88003	90.72	88047	89.78	88064	89.73	87339	86.76	87270
2022	510.9	4404.7	920	94.72	88059	91.99	88064	91.38	88003	86.81	87339	86.57	85340	86.55	87270
2023	511.9	4404.7	921	95.02	88064	94.85	88003	90.43	88059	87.07	87360	84.71	86107	84.60	86068
2024	512.9	4404.7	922	96.31	88003	93.90	88064	93.16	88059	89.68	86107	88.66	87352	88.15	87360
2065	482.9	4405.7	923	118.45	88047	104.63	85070	99.66	85040	99.47	85360	94.17	89014	93.80	88059
2066	483.9	4405.7	924	119.77	88047	104.99	85070	99.54	85040	98.48	85360	95.57	88059	90.74	88016
2067	484.9	4405.7	925	121.59	88047	104.53	85070	101.38	85040	98.52	88059	95.97	85360	94.36	88340
2068	485.9	4405.7	926	118.93	88047	104.34	85070	100.73	85040	100.41	88059	96.82	85360	93.25	89014
2069	486.9	4405.7	927	120.79	88047	103.21	85070	101.89	88059	101.60	85040	97.43	85360	95.51	88016
2070	487.9	4405.7	928	125.12	88047	109.63	88059	104.38	85040	103.28	85070	100.99	88016	99.96	85360
2071	488.9	4405.7	929	121.01	88047	107.33	88059	105.85	88016	101.77	85040	100.89	85070	100.67	85360
2072	489.9	4405.7	930	121.00	88047	111.24	88059	109.75	88016	104.23	85360	103.64	85070	102.50	85040
2073	490.9	4405.7	931	120.48	88047	111.72	88059	105.25	85360	104.55	88016	101.53	85070	101.02	85040
2074	491.9	4405.7	932	120.40	88047	110.89	88059	103.19	87270	102.62	85360	101.94	85040	100.76	88064
2075	492.9	4405.7	933	121.48	88047	119.26	88059	108.99	87270	106.61	85040	102.91	85360	102.45	88016
2076	493.9	4405.7	934	119.49	88047	117.82	88059	107.87	85040	106.75	87270	105.36	88003	104.22	88064
2077	494.9	4405.7	935	122.15	88059	119.61	88047	110.46	87270	107.05	85040	105.41	85360	105.36	89014
2078	495.9	4405.7	936	120.62	88047	117.54	88059	105.73	88064	104.77	87337	103.82	87270	103.11	87352
2079	496.9	4405.7	937	124.85	88047	123.49	88059	109.36	87270	106.21	86339	103.79	85040	102.58	88064
2080	497.9	4405.7	938	125.96	88047	123.93	88059	108.56	88064	107.60	87352	107.06	88003	106.56	85040
2081	498.9	4405.7	939	126.25	88047	122.40	88059	112.57	88003	111.69	87352	106.42	85007	105.74	87351
2082	499.9	4405.7	940	125.34	88059	116.98	88047	110.20	87352	108.92	88003	106.39	87351	105.38	87270
2083	500.9	4405.7	941	146.60	88059	128.24	88047	123.05	87270	121.18	87314	121.05	87352	120.30	87351
2084	501.9	4405.7	942	136.98	88003	128.39	87352	124.11	88064	118.43	88059	117.52	87351	115.82	89004
2085	502.9	4405.7	943	121.19	88059	116.44	88003	112.36	88047	111.57	87352	110.74	88064	106.44	89024
2086	503.9	4405.7	944	123.17	88003	115.98	87352	112.62	88047	111.28	85007	107.49	88059	106.47	88064
2087	504.9	4405.7	945	122.98	88059	108.53	88047	107.70	88003	106.40	87270	105.29	87352	104.13	88064
2088	505.9	4405.7	946	123.34	88003	113.04	87352	110.23	88059	109.02	87351	105.43	88047	103.77	88064
2089	506.9	4405.7	947	110.15	88059	102.78	88003	98.30	85340	98.14	87339	95.96	87270	95.81	87352
2090	507.9	4405.7	948	106.59	88059	96.50	87270	94.81	87339	93.64	88003	93.37	85340	90.29	87352
2091	508.9	4405.7	949	96.92	88059	93.68	87339	93.16	87270	92.39	88003	88.92	88064	87.53	85340
2092	509.9	4405.7	950	92.82	88059	88.62	88064	88.31	88003	87.82	88047	86.79	87270	86.35	87339
2093	510.9	4405.7	951	93.53	88059	90.51	88003	88.68	88064	86.58	87270	85.80	85340	85.55	87339
2094	511.9	4405.7	952	93.35	88064	88.99	88059	87.15	88003	84.86	85340	84.19	87339	83.98	87360
2095	512.9	4405.7	953	94.86	88064	94.61	88059	93.79	88003	87.46	85340	87.24	87360	85.93	87352
2136	482.9	4406.7	954	115.79	88047	104.47	85360	101.69	85070	95.22	85040	94.57	89014	93.82	88059
2137	483.9	4406.7	955	118.98	88047	102.11	85070	98.40	88340	96.67	85040	95.66	85360	95.08	88059
2138	484.9	4406.7	956	118.26	88047	101.42	85070	101.09	88059	98.54	85040	96.91	85360	92.94	88016
2139	485.9	4406.7	957	120.17	88047	102.44	88059	100.47	85070	99.80	85040	97.35	88016	97.10	85360
2140	486.9	4406.7	958	121.68	88047	103.53	88059	102.17	88016	101.15	85040	100.84	85070	99.04	85360
2141	487.9	4406.7	959	121.61	88047	109.74	88016	108.94	88059	104.80	85360	102.73	85070	102.53	89014
2142	488.9	4406.7	960	119.46	88047	108.51	88059	108.40	88016	103.99	85360	102.64	85070	101.70	85040
2143	489.9	4406.7	961	121.36	88047	112.61	88059	105.43	85360	103.75	85040	101.96	87270	100.90	88016
2144	490.9	4406.7	962	120.83	88047	112.59	88059	103.11	85040	101.00	85360	100.73	87270	99.64	89014
2145	491.9	4406.7	963	118.35	88047	111.53	88059	103.55	85040	102.47	85360	102.34	87270	100.17	89014

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2146	492.9	4406.7	964	122.49	88047	121.24	88059	108.27	87270	104.76	85360	104.39	89014	103.84	85040
2147	493.9	4406.7	965	123.36	88047	113.37	88059	103.99	88003	103.30	88064	101.13	89014	101.04	87270
2148	494.9	4406.7	966	125.70	88047	118.29	88059	103.93	87270	101.16	85040	100.69	89014	100.32	85360
2149	495.9	4406.7	967	124.46	88047	114.91	88059	101.10	87352	100.64	88003	100.60	85040	100.49	87270
2150	496.9	4406.7	968	120.16	88047	117.94	88059	104.82	87270	100.24	85040	99.70	87352	98.68	89014
2151	497.9	4406.7	969	137.67	88059	122.17	88047	121.33	86339	119.17	87270	112.05	87337	111.73	87352
2152	498.9	4406.7	970	134.98	88059	120.74	88047	118.89	87314	118.84	87333	116.18	87270	113.98	87351
2153	499.9	4406.7	971	128.00	88059	118.41	88047	112.61	87352	108.09	87270	107.14	88003	106.73	87314
2154	500.9	4406.7	972	146.12	88059	126.46	88047	124.42	87314	123.83	87270	121.73	87352	118.45	86339
2155	501.9	4406.7	973	133.59	88003	130.49	87352	124.70	88059	121.54	87337	117.99	88064	116.86	89004
2156	502.9	4406.7	974	146.55	88059	139.26	86339	134.21	88003	127.88	87270	125.71	87337	123.63	87350
2157	503.9	4406.7	975	126.22	86355	119.07	87352	118.06	87333	117.08	86351	116.39	88003	114.89	88059
2158	504.9	4406.7	976	138.34	88059	120.27	88003	118.30	87270	117.48	87314	116.64	87001	116.52	85340
2159	505.9	4406.7	977	125.50	88003	119.54	87352	116.78	85007	116.74	87351	108.83	86068	108.20	88363
2160	506.9	4406.7	978	106.42	88059	102.45	88003	95.09	85340	94.34	87339	93.66	87270	93.30	87352
2161	507.9	4406.7	979	103.08	88059	97.88	88003	95.04	87270	91.60	85340	91.57	87339	89.52	88047
2162	508.9	4406.7	980	93.56	88059	92.35	87270	91.69	88003	90.00	87339	87.71	86329	86.65	88047
2163	509.9	4406.7	981	92.46	88059	89.54	88003	88.26	87339	87.83	87270	87.42	88047	86.01	86329
2164	510.9	4406.7	982	90.64	88059	88.32	88003	88.31	88064	87.23	87339	86.06	87270	85.40	86329
2165	511.9	4406.7	983	90.01	88003	88.74	88064	86.41	88059	84.45	88047	83.05	87339	81.96	85340
2166	512.9	4406.7	984	100.10	89024	99.65	88059	97.33	88064	92.41	88003	91.40	88047	89.74	86107
2207	482.9	4407.7	985	112.97	88047	101.92	85070	100.86	85360	95.51	88059	93.99	85040	93.13	89014
2208	483.9	4407.7	986	116.47	88047	100.60	85070	96.71	88059	96.63	85360	93.98	85040	91.49	89014
2209	484.9	4407.7	987	119.46	88047	102.28	88059	100.67	85070	97.94	85360	95.16	85040	93.12	88016
2210	485.9	4407.7	988	121.62	88047	104.25	88059	103.03	85070	101.74	85360	100.80	88016	97.62	89014
2211	486.9	4407.7	989	118.94	88047	108.73	88016	105.58	85070	104.72	85360	104.65	88059	99.25	89014
2212	487.9	4407.7	990	119.30	88047	108.50	88059	103.99	85070	103.25	85360	101.62	88016	97.71	85040
2213	488.9	4407.7	991	119.40	88047	110.07	88059	101.54	85360	100.36	85070	96.73	85040	96.16	87270
2214	489.9	4407.7	992	118.48	88047	112.41	88059	99.98	87270	99.89	85070	99.60	85360	95.28	85040
2215	490.9	4407.7	993	123.69	88047	112.70	88059	100.58	85360	99.42	87270	98.41	85070	96.16	85040
2216	491.9	4407.7	994	126.65	88047	111.73	88059	101.17	85360	100.33	87270	97.15	85040	96.67	85070
2217	492.9	4407.7	995	131.80	88047	118.57	88059	106.35	87270	102.83	85360	100.04	85040	99.60	87351
2218	493.9	4407.7	996	127.38	88047	114.89	88059	103.48	88064	100.41	87270	98.45	85360	97.58	87351
2219	494.9	4407.7	997	122.52	88047	119.42	88059	104.66	87270	98.95	88003	98.82	88064	97.85	87352
2220	495.9	4407.7	998	118.36	88047	114.13	88059	100.70	87352	100.02	87270	99.93	88003	98.23	88064
2221	496.9	4407.7	999	118.86	88059	117.32	88047	105.85	87270	101.77	87352	100.33	87314	100.16	85360
2222	497.9	4407.7	1000	120.66	88059	112.60	88047	106.30	87352	105.75	87270	102.05	87337	100.44	88003
2223	498.9	4407.7	1001	132.65	88059	112.98	88047	112.73	87270	109.86	87352	109.01	86339	107.33	86354
2224	499.9	4407.7	1002	131.99	88059	116.54	87352	113.68	88047	111.15	87333	110.83	86339	110.22	87270
2225	500.9	4407.7	1003	149.85	88059	133.86	86339	128.36	87314	126.12	87270	125.08	88047	124.41	87352
2226	501.9	4407.7	1004	138.85	88003	135.30	87352	129.88	88059	127.70	87350	123.96	89004	123.21	87337
2227	502.9	4407.7	1005	133.33	88059	118.86	88003	115.81	87352	114.15	87270	112.21	87314	112.03	85340
2228	503.9	4407.7	1006	117.71	88003	117.38	87352	115.15	88059	111.82	87351	107.11	87350	106.87	88340
2229	504.9	4407.7	1007	148.85	88059	142.50	86339	134.31	87270	132.63	87353	132.56	87337	130.75	85340
2230	505.9	4407.7	1008	138.13	86355	120.30	87333	118.29	86351	116.94	87339	116.53	86329	115.19	87352
2231	506.9	4407.7	1009	105.19	88059	102.90	88003	95.11	87352	94.29	85340	92.89	87270	91.64	87360
2232	507.9	4407.7	1010	102.12	88059	99.56	88003	94.03	87270	91.14	85340	89.76	87360	89.20	87339
2233	508.9	4407.7	1011	95.48	88003	92.54	88059	91.59	87270	87.36	87339	86.85	87360	84.60	88064
2234	509.9	4407.7	1012	88.73	88059	87.30	88003	84.80	87339	84.74	87270	84.52	88047	82.56	87360
2235	510.9	4407.7	1013	88.85	88059	88.17	88003	86.47	88064	85.09	87270	84.92	87339	84.44	87360
2236	511.9	4407.7	1014	90.44	88003	88.05	88059	86.04	88064	85.75	87360	84.74	87339	84.24	88047

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2237	512.9	4407.7	1015	118.24	88059	107.41	88003	102.97	87270	102.45	86339	101.02	87314	99.81	87337
2278	482.9	4408.7	1016	118.16	88340	113.71	88047	100.40	85070	95.58	88059	95.47	85360	94.13	85040
2279	483.9	4408.7	1017	116.89	88047	100.75	85070	97.77	85360	95.97	88059	95.14	85040	93.69	88016
2280	484.9	4408.7	1018	115.96	88047	110.71	88016	104.63	85070	101.69	88059	101.41	85360	96.13	85040
2281	485.9	4408.7	1019	113.14	88047	107.78	88016	104.76	85070	103.47	88059	102.91	85360	96.22	85328
2282	486.9	4408.7	1020	114.13	88047	105.17	88059	101.91	85070	99.38	85360	95.95	88016	94.17	85040
2283	487.9	4408.7	1021	119.52	88047	109.71	88059	101.45	85070	100.31	85360	95.25	85040	95.02	87270
2284	488.9	4408.7	1022	126.76	88047	110.76	88059	100.98	85360	99.68	85070	96.40	87270	95.44	85040
2285	489.9	4408.7	1023	129.12	88047	112.69	88059	102.16	87270	101.44	85360	97.48	85070	95.18	85040
2286	490.9	4408.7	1024	126.25	88047	109.17	88059	101.85	85360	97.54	87270	95.97	85070	94.16	89014
2287	491.9	4408.7	1025	122.34	88047	109.16	88059	101.22	85360	99.03	87270	94.49	89014	94.45	85070
2288	492.9	4408.7	1026	119.53	88047	117.30	88059	105.20	87270	103.12	85360	96.56	89014	96.20	88064
2289	493.9	4408.7	1027	115.37	88047	112.05	88059	99.86	87337	99.34	85360	99.20	87270	98.08	88064
2290	494.9	4408.7	1028	117.77	88059	114.73	88047	103.19	87270	99.78	85360	98.22	88064	98.14	87337
2291	495.9	4408.7	1029	113.57	88059	111.25	88047	103.48	87337	101.87	88003	100.86	87352	98.27	88064
2292	496.9	4408.7	1030	120.41	88059	111.35	88047	106.96	87270	104.65	87352	102.56	86339	100.63	87337
2293	497.9	4408.7	1031	124.51	88059	112.46	87352	110.81	88047	104.78	87350	104.43	88003	104.29	87270
2294	498.9	4408.7	1032	130.54	88059	113.83	86339	113.36	88047	113.02	87352	109.23	87350	109.21	87270
2295	499.9	4408.7	1033	131.93	88059	117.45	88047	115.89	87352	115.13	87270	108.80	87359	108.40	86339
2296	500.9	4408.7	1034	151.78	88059	132.13	86339	130.78	87270	126.46	88047	124.26	87333	124.02	87001
2297	501.9	4408.7	1035	134.67	88059	133.03	87337	131.40	88003	128.41	87333	128.07	87351	128.00	87352
2298	502.9	4408.7	1036	144.79	88059	125.09	87270	124.76	86339	123.85	85340	123.01	87333	121.19	87337
2299	503.9	4408.7	1037	129.78	86355	116.28	87333	114.76	88059	111.87	87337	111.78	87339	111.57	88352
2300	504.9	4408.7	1038	118.96	88059	107.36	85340	106.31	87270	103.85	87352	103.82	88003	100.57	86355
2301	505.9	4408.7	1039	107.42	88059	103.96	86355	103.55	87352	102.44	88003	101.37	87270	100.67	87360
2302	506.9	4408.7	1040	107.85	88059	102.72	88003	96.77	87352	96.65	87270	96.54	87339	95.92	85340
2303	507.9	4408.7	1041	101.65	88059	95.19	88003	94.11	87270	93.96	87339	91.80	85340	90.81	87360
2304	508.9	4408.7	1042	93.03	88003	92.28	88059	91.22	87270	89.87	87339	88.20	87360	83.63	88064
2305	509.9	4408.7	1043	88.51	88059	87.81	88003	86.83	87339	84.60	87270	84.21	87360	83.19	88047
2306	510.9	4408.7	1044	89.57	88059	88.25	87339	86.27	88003	85.44	87270	84.25	88064	83.01	87360
2307	511.9	4408.7	1045	90.63	88003	89.10	88059	87.58	87339	85.31	87360	85.02	88064	84.39	87270
2308	512.9	4408.7	1046	123.58	88059	109.56	86339	108.26	88003	107.72	87270	103.53	87337	102.96	87314
2349	482.9	4409.7	1047	113.71	88047	102.07	85070	97.09	85360	95.33	88059	94.68	88016	91.63	85040
2350	483.9	4409.7	1048	119.09	88016	111.12	88047	106.86	85070	99.93	85328	98.61	85360	94.32	88059
2351	484.9	4409.7	1049	113.09	88047	105.19	85070	101.67	88016	100.52	85360	100.17	88059	94.80	85328
2352	485.9	4409.7	1050	125.66	88047	101.85	85070	101.34	88059	97.18	85360	93.76	85040	89.82	87270
2353	486.9	4409.7	1051	132.02	88047	102.44	88059	98.91	85360	97.83	85070	94.07	85040	90.43	87270
2354	487.9	4409.7	1052	126.95	88047	104.93	88059	100.09	85360	96.89	85070	93.06	85040	92.28	87270
2355	488.9	4409.7	1053	119.82	88047	105.63	88059	101.70	85360	97.17	85070	94.79	87270	93.02	85040
2356	489.9	4409.7	1054	115.34	88047	108.46	88059	104.07	85360	98.90	87270	96.31	85070	94.31	89014
2357	490.9	4409.7	1055	112.38	88047	107.03	88059	101.01	85360	95.25	87270	94.29	85070	93.82	85040
2358	491.9	4409.7	1056	109.58	88047	108.47	88059	101.87	85360	95.87	87270	95.05	85040	94.23	85070
2359	492.9	4409.7	1057	114.83	88059	110.30	88047	102.92	87270	100.46	85360	96.25	85040	94.73	85070
2360	493.9	4409.7	1058	111.68	88059	108.97	88047	97.31	87270	97.25	87352	97.17	87337	96.21	88064
2361	494.9	4409.7	1059	119.52	88059	108.90	88047	101.53	87270	98.03	87352	97.84	88064	96.89	85360
2362	495.9	4409.7	1060	116.34	88059	109.90	88047	107.14	87352	103.21	88064	102.04	88003	101.78	87350
2363	496.9	4409.7	1061	124.26	88059	116.65	86339	113.20	87352	112.28	88047	110.31	88003	108.34	87270
2364	497.9	4409.7	1062	130.47	88059	115.70	86339	112.33	88047	112.32	87352	111.84	87270	111.50	87337
2365	498.9	4409.7	1063	134.24	88059	116.92	87270	115.63	87359	114.81	88047	114.80	86339	110.25	87333
2366	499.9	4409.7	1064	134.34	88059	118.32	88047	113.75	87270	112.47	87333	110.43	87337	109.84	87352
2367	500.9	4409.7	1065	143.72	88059	124.91	87333	123.74	87351	122.82	87270	119.80	86339	116.64	87001

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2368	501.9	4409.7	1066	128.34	88059	126.45	88003	120.56	87337	118.82	87352	111.36	89004	111.12	87333
2369	502.9	4409.7	1067	126.61	88059	112.09	85340	110.42	87270	106.58	88003	104.08	87333	101.03	87353
2370	503.9	4409.7	1068	110.20	86355	109.83	88059	108.91	87333	104.69	87352	102.05	86352	101.48	87337
2371	504.9	4409.7	1069	121.42	88059	109.57	87270	105.11	85340	103.72	86355	100.77	86351	100.61	87339
2372	505.9	4409.7	1070	107.22	88059	103.84	86355	101.33	87352	100.09	87270	99.91	87339	98.36	88003
2373	506.9	4409.7	1071	107.27	88059	98.70	88003	98.24	87270	97.05	87339	96.18	87352	95.57	87360
2374	507.9	4409.7	1072	101.27	88059	94.85	88003	93.39	87270	93.11	87339	91.62	85340	89.66	87360
2375	508.9	4409.7	1073	92.91	88059	92.79	88003	92.49	87339	90.82	87270	88.30	87360	84.70	87352
2376	509.9	4409.7	1074	90.27	88003	90.16	87339	89.42	88059	86.42	87360	84.61	87270	81.20	88047
2377	510.9	4409.7	1075	91.14	88059	89.83	87339	89.54	88003	86.38	87270	83.98	87360	82.34	88064
2378	511.9	4409.7	1076	90.63	88059	90.33	87339	89.16	88003	86.20	87270	85.16	87360	82.92	88064
2379	512.9	4409.7	1077	127.32	88059	114.08	86339	111.24	87270	107.39	88003	105.31	87337	105.19	87339
2420	482.9	4410.7	1078	118.92	88016	116.42	85328	115.86	88047	113.45	85070	105.21	86353	99.11	86346
2421	483.9	4410.7	1079	150.30	88047	102.29	85070	97.77	85360	95.39	88348	93.74	87351	92.80	88059
2422	484.9	4410.7	1080	136.11	88047	99.21	85360	98.22	85070	98.05	88059	93.61	87351	92.19	85040
2423	485.9	4410.7	1081	114.95	88047	99.77	88059	99.47	85360	96.80	85070	90.96	85040	89.53	89014
2424	486.9	4410.7	1082	107.37	88047	102.20	85360	102.07	88059	97.49	85070	91.44	85040	89.93	89014
2425	487.9	4410.7	1083	107.15	88047	104.44	88059	102.55	85360	95.99	85070	93.68	87270	91.52	85040
2426	488.9	4410.7	1084	106.80	88047	106.30	88059	102.78	85360	94.93	85070	93.38	87270	91.36	89014
2427	489.9	4410.7	1085	107.75	88059	106.37	88047	101.10	85360	98.04	87270	95.20	85070	92.41	85040
2428	490.9	4410.7	1086	108.05	88059	106.96	88047	100.42	85360	95.02	87270	94.38	85070	93.10	85040
2429	491.9	4410.7	1087	110.02	88059	107.27	88047	98.07	85360	96.94	87270	93.52	85040	93.27	85070
2430	492.9	4410.7	1088	118.22	88059	108.49	88047	104.83	87270	98.87	85360	96.16	85040	94.73	86339
2431	493.9	4410.7	1089	115.45	88059	108.36	88047	100.38	87352	98.92	86339	98.62	87337	98.06	85360
2432	494.9	4410.7	1090	125.02	88059	112.73	86339	109.08	88047	105.60	87270	102.64	85360	101.04	87352
2433	495.9	4410.7	1091	123.39	88059	117.53	86339	112.61	88047	108.29	87337	108.12	87352	105.06	88003
2434	496.9	4410.7	1092	127.80	88059	116.01	86339	113.55	87270	112.52	87337	112.03	87359	112.01	88047
2435	497.9	4410.7	1093	126.09	88059	108.47	88047	107.80	87337	106.71	87270	104.34	87359	103.90	87352
2436	498.9	4410.7	1094	122.70	88059	110.26	88047	105.25	87270	102.84	87352	99.98	87350	98.17	87351
2437	499.9	4410.7	1095	126.07	88059	109.02	87270	106.71	87333	106.52	87351	105.22	88047	104.44	87352
2438	500.9	4410.7	1096	138.01	88059	120.40	87270	117.17	87333	116.16	87351	113.46	87353	112.47	87352
2439	501.9	4410.7	1097	131.50	88059	121.59	88003	118.20	87337	116.93	87352	113.14	89004	110.99	88340
2440	502.9	4410.7	1098	125.19	88059	112.67	85340	109.34	87270	105.83	88003	103.20	87333	101.19	87352
2441	503.9	4410.7	1099	107.34	88059	103.63	87333	101.33	87352	100.95	87337	100.90	86355	99.31	86352
2442	504.9	4410.7	1100	115.18	88059	108.54	87270	103.90	86355	99.62	87339	98.83	85340	97.52	87352
2443	505.9	4410.7	1101	108.49	88059	101.94	87339	100.89	87270	100.70	86355	100.68	87352	99.34	87333
2444	506.9	4410.7	1102	106.26	88059	98.38	87339	98.29	87270	95.83	86355	94.68	87360	94.63	88003
2445	507.9	4410.7	1103	102.61	88059	94.56	87339	94.22	88003	94.00	87270	92.66	87352	90.14	87325
2446	508.9	4410.7	1104	94.20	88003	93.52	88059	92.14	87339	90.74	87270	88.55	87360	86.34	87352
2447	509.9	4410.7	1105	90.55	87339	90.55	88059	89.32	88003	86.55	87360	84.49	87270	82.17	87352
2448	510.9	4410.7	1106	92.69	87339	92.18	88003	91.51	88059	87.32	87270	86.49	87360	82.25	87337
2449	511.9	4410.7	1107	93.21	87339	92.26	88059	92.03	88003	87.58	87270	85.50	87360	82.86	87337
2450	512.9	4410.7	1108	129.72	88059	115.93	86339	114.10	87270	107.90	87359	107.05	87337	106.59	88003
2491	482.9	4411.7	1109	123.39	89346	106.96	88047	98.20	85040	98.02	85360	97.71	85070	94.08	88059
2492	483.9	4411.7	1110	109.47	89346	103.10	88047	99.10	85360	97.72	85070	96.45	85040	91.08	88059
2493	484.9	4411.7	1111	103.37	88047	101.44	85360	97.71	88059	97.56	85070	97.16	89346	94.93	85040
2494	485.9	4411.7	1112	102.03	88047	101.36	85360	100.00	88059	95.84	85070	92.01	85040	91.59	89346
2495	486.9	4411.7	1113	103.87	88047	102.66	88059	101.28	85360	95.04	85070	92.60	85040	91.11	87270
2496	487.9	4411.7	1114	104.41	88059	103.61	88047	101.13	85360	93.80	85070	93.33	87270	92.35	85040
2497	488.9	4411.7	1115	104.57	88059	103.87	88047	100.04	85360	93.62	85070	93.28	85040	93.13	87270
2498	489.9	4411.7	1116	107.37	88059	104.53	88047	98.85	85360	96.20	87270	94.27	85040	93.22	85070

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2499	490.9	4411.7	1117	109.24	88059	105.46	88047	97.84	85360	94.38	85070	93.86	87270	93.61	85040
2500	491.9	4411.7	1118	112.52	88059	105.80	88047	99.03	85360	96.18	87270	95.70	85070	93.92	85040
2501	492.9	4411.7	1119	119.33	88059	108.30	88047	103.26	86339	103.04	87270	101.59	85360	98.71	87352
2502	493.9	4411.7	1120	118.31	88059	112.24	88047	104.22	87352	101.43	86339	100.92	85360	98.48	88003
2503	494.9	4411.7	1121	127.46	88059	113.58	88047	110.95	86339	108.04	87270	106.97	87314	106.83	87350
2504	495.9	4411.7	1122	119.44	88059	112.24	88047	111.06	88340	108.33	87352	107.62	87337	106.74	87359
2505	496.9	4411.7	1123	118.44	88059	106.55	87270	106.18	88047	103.03	87352	101.45	87337	98.92	87351
2506	497.9	4411.7	1124	122.41	88059	104.07	88047	102.99	87270	102.61	87352	99.27	87337	98.69	87350
2507	498.9	4411.7	1125	120.81	88059	107.98	87270	104.72	87352	104.42	88047	100.54	87333	100.21	87351
2508	499.9	4411.7	1126	124.15	88059	109.83	87333	109.83	87351	106.78	87270	102.85	87352	100.27	88047
2509	500.9	4411.7	1127	141.39	88059	122.50	87270	116.70	87351	115.10	87333	114.04	87353	113.53	86339
2510	501.9	4411.7	1128	131.54	88059	119.80	88003	119.07	87337	117.63	87352	114.82	89004	111.95	88340
2511	502.9	4411.7	1129	124.78	88059	113.79	85340	107.35	87270	103.44	87333	102.31	88003	101.36	89004
2512	503.9	4411.7	1130	110.84	88059	103.90	87333	102.11	87337	99.62	87352	98.35	87339	98.00	88003
2513	504.9	4411.7	1131	110.31	88059	105.66	86355	105.27	87270	99.30	87352	99.05	87339	96.75	85340
2514	505.9	4411.7	1132	105.93	88059	96.81	87352	96.67	87339	95.61	87270	93.35	86355	91.70	88003
2515	506.9	4411.7	1133	109.51	88059	100.55	87339	99.70	87270	96.22	87352	94.13	86355	92.88	87350
2516	507.9	4411.7	1134	106.10	88059	97.78	87339	97.64	88003	95.72	87352	94.82	87270	93.36	85340
2517	508.9	4411.7	1135	95.78	87339	95.32	88003	94.27	88059	93.60	87352	91.16	87325	90.57	87270
2518	509.9	4411.7	1136	93.72	88059	91.89	87339	91.57	88003	88.50	87360	85.96	87337	85.13	87270
2519	510.9	4411.7	1137	93.87	88003	91.20	88059	91.17	87339	87.76	87360	86.51	87270	84.13	87337
2520	511.9	4411.7	1138	92.95	87339	92.91	88059	91.01	88003	87.05	87270	86.96	87360	84.32	87337
2521	512.9	4411.7	1139	126.15	88059	117.34	86339	113.71	87270	108.40	87337	108.32	87359	107.46	87339
2522	482.9	4412.7	1140	99.76	85360	99.60	88047	97.43	85070	95.15	88059	90.62	87327	88.27	85040
2523	483.9	4412.7	1141	98.64	88047	98.40	85360	96.12	85070	90.95	88059	87.40	85040	86.98	86329
2524	484.9	4412.7	1142	101.74	88047	99.61	85360	97.52	88059	95.55	85070	89.09	85040	88.99	86329
2525	485.9	4412.7	1143	100.24	88047	99.18	85360	98.92	88059	93.64	85070	89.72	85040	88.23	87270
2526	486.9	4412.7	1144	100.55	85360	99.67	88059	99.51	88047	94.11	85070	89.29	85040	89.25	87270
2527	487.9	4412.7	1145	102.56	88059	98.47	88047	97.56	85360	93.38	85070	90.26	87270	88.09	85040
2528	488.9	4412.7	1146	104.28	88059	98.01	88047	96.08	85360	93.91	85070	89.87	87270	87.95	85040
2529	489.9	4412.7	1147	107.09	88059	98.55	88047	97.37	85360	94.46	85070	92.73	87270	89.50	85040
2530	490.9	4412.7	1148	109.08	88059	102.94	88047	100.45	85360	95.98	85070	92.89	87270	92.88	86339
2531	491.9	4412.7	1149	116.29	88059	106.32	88047	102.96	85360	100.50	86339	99.56	85070	98.59	87270
2532	492.9	4412.7	1150	126.96	88059	111.88	88047	110.76	86339	109.31	87270	107.26	85360	101.44	85070
2533	493.9	4412.7	1151	123.70	88059	115.17	88047	108.82	86339	107.36	87337	107.02	87270	104.74	85360
2534	494.9	4412.7	1152	128.01	88059	116.96	86339	114.21	87270	113.59	87359	112.95	88047	110.10	87001
2535	495.9	4412.7	1153	116.85	88059	110.32	87337	103.45	88047	102.65	87270	102.25	87351	102.22	87339
2536	496.9	4412.7	1154	119.52	88059	107.05	87270	102.36	87337	99.30	88047	99.17	87339	99.06	87351
2537	497.9	4412.7	1155	120.94	88059	106.24	87270	102.44	87352	100.47	87337	99.19	87351	99.04	88047
2538	498.9	4412.7	1156	119.70	88059	106.37	87351	106.23	87270	104.75	87333	101.83	88047	100.76	87352
2539	499.9	4412.7	1157	125.46	88059	109.71	87333	107.33	87270	106.27	87351	101.01	87352	100.34	87337
2540	500.9	4412.7	1158	145.55	88059	126.53	87270	115.25	86339	115.07	85340	114.02	87353	113.91	87333
2541	501.9	4412.7	1159	132.03	88059	118.11	87337	117.47	88003	116.23	89004	115.73	87352	113.57	88340
2542	502.9	4412.7	1160	124.84	88059	111.34	85340	106.70	87270	103.84	87333	101.47	87352	101.38	87337
2543	503.9	4412.7	1161	113.50	88059	104.12	87333	101.02	87337	98.62	87339	98.17	87352	97.14	87270
2544	504.9	4412.7	1162	113.06	88059	108.23	86355	104.61	87270	102.02	87339	101.10	87333	100.69	85340
2545	505.9	4412.7	1163	105.09	88059	100.95	87339	98.38	86355	96.60	87352	95.94	87270	92.23	88003
2546	506.9	4412.7	1164	113.18	88059	103.30	87339	102.38	87270	93.45	87352	92.34	86351	91.97	85340
2547	507.9	4412.7	1165	116.71	88059	110.17	87339	108.10	87270	102.83	85340	101.69	86354	101.28	87350
2548	508.9	4412.7	1166	105.46	87339	98.22	88059	96.17	88003	96.08	87270	96.00	87352	95.87	86355
2549	509.9	4412.7	1167	98.55	88059	95.46	87339	90.00	88003	89.90	87270	87.98	87337	87.69	87360

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2590	510.9	4412.7	1168	96.96	88003	93.09	87339	91.90	88059	88.47	87360	87.64	87337	87.58	87270
2591	511.9	4412.7	1169	92.33	88059	90.94	88003	87.32	87339	86.25	87270	84.52	87360	83.81	87352
2592	512.9	4412.7	1170	105.49	88059	95.09	87270	93.83	88003	90.90	85340	88.87	87339	86.66	87337
2633	482.9	4413.7	1171	136.12	87327	114.71	88363	99.45	88047	98.77	85070	98.75	87337	97.03	85360
2634	483.9	4413.7	1172	107.54	85026	99.48	88047	97.79	85360	93.84	85070	92.05	85006	91.26	88059
2635	484.9	4413.7	1173	99.60	88047	99.52	85360	98.12	88059	94.33	85070	88.56	87327	86.12	87270
2636	485.9	4413.7	1174	98.89	88059	98.33	85360	97.19	88047	93.96	85070	89.17	87270	84.34	89014
2637	486.9	4413.7	1175	101.07	88059	98.13	88047	97.98	85360	94.16	85070	88.93	87270	84.36	85040
2638	487.9	4413.7	1176	102.47	88059	97.72	88047	96.45	85360	93.21	85070	88.95	87270	84.72	85040
2639	488.9	4413.7	1177	104.75	88059	99.69	88047	98.09	85360	93.89	85070	89.39	87270	85.73	85040
2640	489.9	4413.7	1178	106.69	88059	102.62	88047	100.72	85360	96.68	85070	93.10	87270	86.67	89014
2641	490.9	4413.7	1179	109.36	88059	109.16	88047	101.17	85360	98.68	85070	92.89	87270	90.37	86339
2642	491.9	4413.7	1180	116.54	88059	110.75	88047	103.86	85360	99.56	87270	96.97	85070	96.72	86339
2643	492.9	4413.7	1181	118.88	88059	111.21	88047	108.76	87270	101.10	85360	99.64	86339	99.10	87359
2644	493.9	4413.7	1182	119.70	88059	109.66	88047	104.60	87270	101.79	87359	101.29	86339	100.10	85360
2645	494.9	4413.7	1183	118.58	88059	106.38	87270	100.96	87337	100.94	87351	100.50	88047	99.74	86339
2646	495.9	4413.7	1184	110.49	88059	100.61	87337	97.42	87270	95.93	88047	95.91	87352	95.53	87339
2647	496.9	4413.7	1185	115.60	88059	105.81	87270	96.10	88047	95.68	87352	95.15	87351	94.64	87337
2648	497.9	4413.7	1186	118.32	88059	102.85	87270	101.25	87351	100.54	87352	99.86	88047	96.05	87333
2649	498.9	4413.7	1187	117.83	88059	102.98	87270	101.29	87351	101.14	87333	97.67	88047	97.53	87352
2650	499.9	4413.7	1188	124.40	88059	106.70	87270	103.41	87351	101.99	87333	100.87	87352	96.75	87353
2651	500.9	4413.7	1189	145.13	88059	126.34	87270	116.23	86339	115.72	87353	112.11	85340	111.70	87333
2652	501.9	4413.7	1190	132.32	88059	114.62	87337	113.16	88003	113.06	89004	112.14	87352	109.68	87333
2653	502.9	4413.7	1191	122.51	88059	106.38	85340	104.46	87270	100.87	87339	100.75	87333	100.67	87352
2654	503.9	4413.7	1192	114.06	88059	102.26	87333	99.46	87339	97.97	87352	97.50	87337	96.14	87270
2655	504.9	4413.7	1193	111.82	88059	104.70	86355	101.60	87339	101.21	87270	98.85	87333	98.67	87352
2656	505.9	4413.7	1194	104.25	88059	100.97	87339	97.55	86355	96.44	87270	96.34	87352	92.23	87360
2657	506.9	4413.7	1195	109.81	88059	99.40	87339	96.84	87270	90.23	87352	89.37	86355	88.98	87350
2658	507.9	4413.7	1196	106.57	88059	101.07	87339	100.80	87270	94.42	87352	91.22	85340	90.38	87350
2659	508.9	4413.7	1197	97.76	87339	97.16	88059	93.58	87270	90.11	87350	89.53	87352	88.25	87360
2660	509.9	4413.7	1198	96.03	88059	93.73	88003	91.71	87339	88.36	87352	87.42	87270	86.72	87350
2661	510.9	4413.7	1199	92.66	88003	92.23	88059	88.79	87339	88.16	87270	87.35	87352	87.12	87360
2662	511.9	4413.7	1200	93.07	88003	91.94	88059	86.09	87360	85.44	87270	84.71	87339	84.02	87352
2663	512.9	4413.7	1201	100.60	88059	91.14	87270	90.37	88003	88.39	85340	84.34	87339	83.90	87360
2704	482.9	4414.7	1202	117.97	86354	97.51	88047	96.86	85360	96.12	85070	94.00	88059	93.40	85026
2705	483.9	4414.7	1203	116.67	87327	98.88	88047	98.48	88363	97.80	85070	97.50	85360	93.18	88059
2706	484.9	4414.7	1204	99.53	88047	99.18	88059	98.39	85360	94.75	85070	87.27	85006	87.25	85328
2707	485.9	4414.7	1205	97.67	85360	97.41	88059	96.54	88047	94.02	85026	92.37	85070	87.26	87270
2708	486.9	4414.7	1206	99.28	88059	98.88	85360	97.63	88047	92.80	85070	89.34	87270	83.51	87327
2709	487.9	4414.7	1207	102.94	88059	100.93	88047	100.41	85360	95.57	85070	88.84	87270	83.92	89014
2710	488.9	4414.7	1208	106.93	88059	106.30	88047	103.03	85360	97.08	85070	91.73	87270	86.31	89014
2711	489.9	4414.7	1209	109.90	88047	108.45	88059	100.57	85360	96.74	87270	94.59	85070	87.30	86339
2712	490.9	4414.7	1210	114.20	88047	111.06	88059	102.55	85360	95.83	87270	92.37	85070	92.31	87359
2713	491.9	4414.7	1211	113.15	88059	107.86	88047	102.23	87270	98.49	85360	95.34	87359	93.67	86339
2714	492.9	4414.7	1212	117.42	88059	107.79	87270	105.32	88047	96.21	85360	95.27	87359	94.23	86339
2715	493.9	4414.7	1213	116.93	88059	104.25	88047	102.57	87270	100.50	86339	97.25	87337	97.02	87351
2716	494.9	4414.7	1214	113.05	88059	102.93	87270	99.56	87337	98.77	87352	98.67	88047	98.60	87351
2717	495.9	4414.7	1215	109.25	88059	98.11	88047	97.09	87270	96.12	87352	94.32	87351	93.65	87337
2718	496.9	4414.7	1216	115.05	88059	105.20	87270	98.91	87351	97.17	88047	95.54	87352	92.02	87337
2719	497.9	4414.7	1217	118.14	88059	102.35	87351	101.70	88047	100.51	87352	100.34	87270	97.10	87333
2720	498.9	4414.7	1218	119.10	88059	102.58	87270	100.61	87351	99.38	87352	98.95	87333	97.81	88047

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2721	499.9	4414.7	1219	125.06	88059	106.73	87270	101.37	87352	100.94	87351	99.90	87333	96.25	88047
2722	500.9	4414.7	1220	141.70	88059	122.19	87270	112.16	87353	110.77	85340	110.66	86339	107.11	87333
2723	501.9	4414.7	1221	132.85	88059	113.59	88003	112.24	87352	111.61	89004	110.54	87337	108.78	87270
2724	502.9	4414.7	1222	121.73	88059	103.80	85340	102.82	87270	100.24	87352	99.47	88003	99.25	87333
2725	503.9	4414.7	1223	114.62	88059	100.19	87333	99.62	87352	97.17	87339	95.23	87337	94.79	88003
2726	504.9	4414.7	1224	112.51	88059	100.98	87270	100.39	86355	98.95	87339	97.88	87333	97.39	85340
2727	505.9	4414.7	1225	106.22	88059	99.42	87339	98.72	86355	96.91	87352	96.03	87270	91.93	86345
2728	506.9	4414.7	1226	111.37	88059	99.16	87270	98.55	87339	92.90	87352	91.73	87350	91.32	86355
2729	507.9	4414.7	1227	104.63	88059	100.76	87270	99.22	87339	91.42	87352	91.28	86355	90.48	87350
2730	508.9	4414.7	1228	98.23	88059	96.86	87270	94.88	87339	88.40	87350	87.78	87352	86.65	86354
2731	509.9	4414.7	1229	96.46	88059	90.84	87339	89.05	87352	88.86	88003	87.81	87350	87.45	87270
2732	510.9	4414.7	1230	98.63	88003	91.48	87352	90.29	88059	86.88	87270	85.55	87360	85.48	87339
2733	511.9	4414.7	1231	91.61	88059	90.21	88003	86.33	87360	85.17	87352	84.77	87270	83.38	87325
2734	512.9	4414.7	1232	97.80	88059	91.47	88003	88.51	87270	87.97	85340	84.83	87360	83.43	89004
2775	482.9	4415.7	1233	107.81	86354	102.40	88059	99.08	85360	96.31	88047	92.93	85070	92.58	87270
2776	483.9	4415.7	1234	100.05	85360	98.33	88047	95.10	88059	94.73	85070	94.62	86354	90.25	89014
2777	484.9	4415.7	1235	104.41	87327	101.78	85360	99.66	88059	98.50	88047	95.52	85070	89.56	88363
2778	485.9	4415.7	1236	99.37	85360	97.84	88047	96.59	88059	93.79	85070	86.61	87270	86.13	87327
2779	486.9	4415.7	1237	100.25	85360	100.07	88047	99.14	88059	95.39	85070	88.62	87270	86.59	85006
2780	487.9	4415.7	1238	104.14	88047	101.15	85360	99.65	88059	93.25	85070	90.14	85026	88.64	87270
2781	488.9	4415.7	1239	108.12	88047	106.97	88059	98.93	85360	92.96	87270	92.10	85070	86.08	85040
2782	489.9	4415.7	1240	109.04	88059	106.17	88047	98.74	85360	97.35	87270	90.67	87359	89.15	85070
2783	490.9	4415.7	1241	107.46	88059	103.35	88047	97.00	87270	95.93	85360	92.32	87359	89.19	89014
2784	491.9	4415.7	1242	109.61	88059	98.70	87270	97.84	88047	93.31	85360	88.39	87359	87.52	88015
2785	492.9	4415.7	1243	114.88	88059	106.53	87270	100.68	88047	97.55	86339	97.34	85360	94.14	87001
2786	493.9	4415.7	1244	114.85	88059	103.11	88047	101.14	87351	99.96	87270	99.55	87337	99.26	86339
2787	494.9	4415.7	1245	114.63	88059	103.90	87270	99.48	87337	98.35	88047	97.73	87351	96.11	87352
2788	495.9	4415.7	1246	110.35	88059	98.85	87270	96.76	87351	96.20	88047	95.71	87352	94.46	87337
2789	496.9	4415.7	1247	117.07	88059	104.27	87351	104.24	87270	96.88	88047	94.64	87337	94.23	87352
2790	497.9	4415.7	1248	120.56	88059	101.86	87270	100.97	87351	99.68	88047	99.46	87333	99.31	87352
2791	498.9	4415.7	1249	120.46	88059	103.07	87270	101.39	87351	99.73	87352	98.69	87333	98.11	87353
2792	499.9	4415.7	1250	130.78	88059	109.65	87270	102.57	87333	101.31	86339	100.98	87351	99.67	87352
2793	500.9	4415.7	1251	141.96	88059	123.52	87270	113.42	87353	112.94	86339	110.58	87333	110.49	85340
2794	501.9	4415.7	1252	135.07	88059	111.35	87337	109.66	87270	108.84	87352	108.12	89004	107.67	87333
2795	502.9	4415.7	1253	124.59	88059	104.71	85340	104.31	88003	103.76	87270	101.29	87333	100.89	87352
2796	503.9	4415.7	1254	114.94	88059	101.11	87352	100.42	87333	98.09	88003	96.42	87339	95.69	87337
2797	504.9	4415.7	1255	112.74	88059	101.41	87270	98.50	87333	98.18	87339	96.98	86355	96.00	87337
2798	505.9	4415.7	1256	108.23	88059	100.65	86355	95.81	87339	95.38	87352	95.30	87270	94.82	86345
2799	506.9	4415.7	1257	107.32	88059	98.02	87270	95.92	87339	92.93	86355	90.12	87352	87.97	87360
2800	507.9	4415.7	1258	102.27	88059	98.85	87270	93.86	87339	87.36	86355	87.13	87350	86.62	87352
2801	508.9	4415.7	1259	97.45	87270	95.47	88059	90.43	87339	84.79	87352	84.52	88003	83.49	86351
2802	509.9	4415.7	1260	106.65	88059	105.59	89024	99.07	85314	95.19	87356	93.59	87314	92.73	87352
2803	510.9	4415.7	1261	108.19	88003	106.79	87352	105.16	85007	100.55	87351	97.15	86068	94.24	87350
2804	511.9	4415.7	1262	91.69	88059	91.17	88003	85.26	87360	84.59	87352	84.35	87270	84.02	87337
2805	512.9	4415.7	1263	96.53	88059	87.10	88003	86.93	85340	86.69	87270	84.80	87360	82.48	89004
2846	482.9	4416.7	1264	102.54	85360	97.38	88016	96.67	88059	95.66	88047	94.82	87270	91.94	86354
2847	483.9	4416.7	1265	100.56	85360	98.40	86354	96.82	88047	93.86	85070	92.34	88059	86.24	87270
2848	484.9	4416.7	1266	101.55	85360	98.68	88047	98.28	85070	94.35	88059	87.11	89014	85.64	87270
2849	485.9	4416.7	1267	101.81	88047	99.54	85360	95.54	85070	95.38	88059	91.55	87327	85.16	87270
2850	486.9	4416.7	1268	104.36	88047	98.99	85360	98.62	88059	90.85	85070	88.97	87270	88.47	87327
2851	487.9	4416.7	1269	105.88	88047	100.20	88059	95.65	85360	89.74	87270	89.14	85070	85.61	85040

SUMMARY OF MODEL RESULTS FOR 2009 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2852	488.9	4416.7	1270	105.89	88059	103.27	88047	96.23	85360	94.66	85026	91.72	87270	88.27	87359
2853	489.9	4416.7	1271	106.37	88059	99.29	88047	97.58	87270	94.15	85360	93.86	85026	88.52	87327
2854	490.9	4416.7	1272	104.96	88059	97.74	88047	96.07	87270	95.55	85360	91.33	87327	89.52	87359
2855	491.9	4416.7	1273	109.32	88059	96.25	87270	96.00	88047	94.19	85360	88.71	88015	86.80	87352
2856	492.9	4416.7	1274	115.15	88059	105.55	87270	100.51	86339	99.22	88047	96.17	87351	94.82	85360
2857	493.9	4416.7	1275	113.53	88059	98.59	87337	98.29	87270	98.24	88047	96.30	87351	92.33	87333
2858	494.9	4416.7	1276	112.91	88059	104.27	87270	97.37	87351	94.46	88047	94.44	87337	93.58	87352
2859	495.9	4416.7	1277	110.98	88059	100.26	87351	96.25	87270	93.88	88047	93.50	87337	92.33	87352
2860	496.9	4416.7	1278	115.98	88059	102.11	87270	100.29	87351	96.06	88047	94.67	87352	93.80	87333
2861	497.9	4416.7	1279	119.16	88059	99.13	87270	97.36	87351	97.17	87352	96.38	88047	96.11	87337
2862	498.9	4416.7	1280	120.73	88059	99.81	87270	99.39	87351	99.33	87352	94.38	87333	94.13	87353
2863	499.9	4416.7	1281	129.65	88059	107.59	87270	98.76	87352	98.50	86339	97.67	87351	97.25	87333
2864	500.9	4416.7	1282	135.97	88059	119.29	87270	107.58	87353	104.84	85340	104.30	87333	104.23	86339
2865	501.9	4416.7	1283	135.67	88059	108.66	87270	108.38	87337	105.95	87333	103.68	89004	102.44	87352
2866	502.9	4416.7	1284	130.21	88059	110.55	87270	109.31	87337	109.20	85340	106.47	87333	103.37	89004
2867	503.9	4416.7	1285	114.15	88059	105.43	87333	99.33	87352	98.55	87339	97.81	87337	97.71	86355
2868	504.9	4416.7	1286	111.62	88059	101.01	87270	95.86	87339	95.80	87333	94.89	87337	92.59	85340
2869	505.9	4416.7	1287	107.58	88059	98.72	86355	94.70	86345	93.89	87270	93.77	87352	93.56	87339
2870	506.9	4416.7	1288	105.08	88059	97.85	87270	93.71	87339	92.81	86355	89.25	87352	87.37	87360
2871	507.9	4416.7	1289	99.81	88059	95.79	87270	91.84	87339	86.31	86355	85.76	87350	85.71	87352
2872	508.9	4416.7	1290	97.66	87270	95.72	88059	90.62	87339	87.71	87360	85.72	87352	85.71	87350
2873	509.9	4416.7	1291	131.95	86339	130.82	88059	121.61	87359	121.31	87270	115.62	87350	111.61	87337
2874	510.9	4416.7	1292	127.08	86355	113.62	87333	111.42	86351	107.47	86329	107.17	86354	107.16	87339
2875	511.9	4416.7	1293	90.83	88059	88.25	88003	85.92	87360	85.28	87352	84.14	87339	83.97	85340
2876	512.9	4416.7	1294	95.09	88059	89.68	88003	86.96	85340	85.31	87270	82.40	87352	82.27	87360
				179.53		142.50		139.54		136.02		135.99		134.94	

# Appendix I

## Summary of Dispersion Model Results for 2010

## Appendix I – Summary of Dispersion Model Results for 2010

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1	477.9	4376.7	1	91.83	88064	88.58	85040	88.52	88291	83.70	89288	82.71	88047	81.39	85270
2	482.9	4376.7	2	104.36	88064	87.94	89288	86.46	85040	85.26	85270	84.44	88291	84.38	86107
3	487.9	4376.7	3	111.93	88064	100.76	89288	95.11	86107	92.96	85270	87.92	89344	87.36	85040
4	492.9	4376.7	4	120.44	88064	107.26	89288	106.43	86107	95.18	85270	93.12	85007	93.12	89344
5	497.9	4376.7	5	117.74	88064	111.98	89288	104.87	86107	101.04	85007	98.29	85270	94.32	85326
6	502.9	4376.7	6	125.98	88064	116.37	85007	110.01	88003	107.00	85326	105.98	86107	104.81	89288
7	507.9	4376.7	7	118.39	85007	115.36	88064	113.78	88003	109.24	85326	104.33	89288	100.08	86107
8	512.9	4376.7	8	103.34	88003	102.60	85326	98.94	89051	95.59	85007	91.01	88064	90.72	86068
9	517.9	4376.7	9	92.77	85326	89.12	88064	87.51	85007	87.42	86068	87.29	88354	87.21	88003
10	522.9	4376.7	10	86.47	86068	84.42	88003	82.48	85326	80.21	88354	79.94	85332	75.05	88070
11	527.9	4376.7	11	87.83	86068	75.56	88354	74.40	85326	73.48	85332	68.29	88003	68.28	88070
12	532.9	4376.7	12	85.00	86068	67.68	88354	65.60	85320	64.88	85326	64.87	85332	64.05	86030
13	537.9	4376.7	13	81.81	86068	64.29	85320	63.15	86030	62.52	85332	61.45	88354	61.08	86329
14	542.9	4376.7	14	79.68	86068	66.09	86030	63.09	85320	61.62	86329	60.80	85270	59.78	89308
15	547.9	4376.7	15	80.75	86068	63.62	85320	63.10	86030	60.80	86329	60.39	85270	58.25	88070
16	477.9	4381.7	16	104.12	85040	94.72	88064	91.73	88291	88.85	85270	86.59	88047	86.48	86284
17	482.9	4381.7	17	103.54	88064	100.35	85040	92.80	85270	90.10	88291	86.81	86284	85.97	89288
18	487.9	4381.7	18	115.16	88064	102.79	85040	99.29	85270	94.90	89288	93.51	86107	89.46	88291
19	492.9	4381.7	19	124.77	88064	109.72	86107	104.07	89288	101.57	85270	96.81	85040	95.53	89024
20	497.9	4381.7	20	124.01	88064	111.30	89288	106.43	86107	104.16	85270	100.98	85007	97.44	88003
21	502.9	4381.7	21	128.42	88064	117.07	88003	111.76	85007	110.84	85326	108.74	86107	105.15	89288
22	507.9	4381.7	22	121.93	88064	118.79	88003	114.96	85007	113.11	85326	106.90	86107	103.67	89288
23	512.9	4381.7	23	100.49	88003	96.57	85326	94.12	86068	93.05	86107	92.67	88064	90.75	85332
24	517.9	4381.7	24	96.69	88003	91.54	86068	90.94	88064	90.21	85326	88.30	85007	83.77	88354
25	522.9	4381.7	25	90.36	86068	83.27	88003	80.39	85326	78.73	88354	75.53	85332	75.09	86329
26	527.9	4381.7	26	88.89	86068	73.21	85326	71.37	88003	71.14	88354	69.89	86329	69.21	88070
27	532.9	4381.7	27	84.10	86068	66.00	86329	65.26	86107	64.02	86030	63.70	88354	63.68	85320
28	537.9	4381.7	28	81.41	86068	67.64	86030	65.43	86329	63.47	86107	63.33	85320	61.71	85270
29	542.9	4381.7	29	82.01	86068	65.11	85320	62.69	86107	62.67	86329	61.98	86030	59.66	85270
30	547.9	4381.7	30	77.22	86068	62.57	86329	62.55	86107	62.51	85320	59.10	86030	58.63	85270
31	477.9	4386.7	31	110.41	85040	98.72	88047	94.84	88291	91.40	85270	90.99	88064	84.89	86284
32	482.9	4386.7	32	118.36	85040	108.17	88064	102.74	88047	100.82	85270	96.64	88291	90.71	89024
33	487.9	4386.7	33	119.90	88064	111.51	85040	104.01	85270	99.05	88047	95.29	88291	93.06	86107
34	492.9	4386.7	34	118.99	88064	108.75	86107	105.34	85040	103.49	85270	98.73	89288	96.60	88047
35	497.9	4386.7	35	128.86	88064	110.45	89288	109.20	85270	107.77	88003	106.33	86107	105.08	85007
36	502.9	4386.7	36	126.59	88064	120.39	88003	110.09	85326	109.70	85007	107.40	86107	102.43	89288
37	507.9	4386.7	37	140.59	88003	132.40	88064	130.08	85007	127.82	85326	127.18	87352	117.23	87314
38	512.9	4386.7	38	98.05	86107	97.72	88003	97.05	86068	93.82	88064	92.68	85326	88.19	85007
39	517.9	4386.7	39	105.69	88003	95.43	86068	93.01	88064	92.73	85007	90.64	85326	84.68	86107
40	522.9	4386.7	40	91.93	86068	81.41	88003	81.36	85326	78.46	86107	76.25	86329	74.80	85007
41	527.9	4386.7	41	90.15	86068	75.26	88003	74.41	86329	73.42	86107	71.24	86346	69.38	85320
42	532.9	4386.7	42	86.37	86068	69.59	86329	68.27	86107	67.67	85320	66.10	86030	64.51	85332

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
43	537.9	4386.7	43	83.15	86068	66.82	86107	65.44	86329	64.82	85320	60.01	86030	59.99	85270
44	542.9	4386.7	44	77.58	86068	66.31	86107	65.26	86329	62.56	85320	59.84	89320	59.50	85270
45	547.9	4386.7	45	74.63	86068	64.98	86107	63.84	85320	62.82	86329	58.88	88291	58.74	85270
46	477.9	4391.7	46	115.68	85040	105.38	88047	98.15	85270	94.04	88064	87.66	86284	87.36	88291
47	482.9	4391.7	47	114.57	85040	108.70	88047	107.90	88064	102.24	85270	92.99	88291	90.57	86284
48	487.9	4391.7	48	114.99	85040	112.52	88064	111.75	88047	103.49	85270	98.35	88291	88.99	86107
49	492.9	4391.7	49	118.56	85040	117.64	88064	110.54	88047	109.55	85270	104.04	86107	99.60	88291
50	497.9	4391.7	50	127.46	88064	117.35	85270	116.43	85040	110.85	88047	109.76	88003	106.18	85007
51	502.9	4391.7	51	141.78	88064	132.54	88003	124.39	85007	115.35	85326	113.87	87352	111.57	86107
52	507.9	4391.7	52	123.96	88003	110.52	88064	107.78	87352	105.51	85007	103.52	85326	100.88	86068
53	512.9	4391.7	53	101.48	88003	99.23	86068	98.82	88064	95.72	86107	90.07	85007	89.63	87352
54	517.9	4391.7	54	109.42	88003	94.53	86068	93.46	85007	92.80	88064	89.32	85326	87.29	86329
55	522.9	4391.7	55	92.18	86068	84.28	88003	81.33	86329	80.24	86107	75.40	88064	75.00	85007
56	527.9	4391.7	56	90.47	86068	76.77	86329	75.46	88003	73.59	86107	72.04	85320	68.94	86346
57	532.9	4391.7	57	80.53	86068	70.69	86107	68.82	86329	65.62	85320	64.15	88003	62.37	86346
58	537.9	4391.7	58	76.43	86068	70.23	86107	67.03	86329	64.16	85320	60.18	88348	59.97	85270
59	542.9	4391.7	59	75.46	86068	68.98	86107	64.42	86329	62.58	85320	59.53	88348	58.67	88291
60	547.9	4391.7	60	73.40	86068	67.60	86107	63.07	86329	59.95	85320	58.17	88348	57.43	88291
61	477.9	4396.7	61	118.36	85040	114.79	88047	96.53	85270	93.55	85070	89.24	88016	86.69	88064
62	482.9	4396.7	62	126.63	88047	124.66	85040	104.14	85270	103.37	88064	97.49	87314	96.98	88016
63	487.9	4396.7	63	131.83	88047	126.82	85040	118.01	88064	112.45	85270	110.64	85328	108.94	88016
64	492.9	4396.7	64	131.23	88047	124.13	88064	123.06	85040	113.77	85270	107.49	87314	105.63	85328
65	497.9	4396.7	65	131.78	88064	126.71	88047	121.90	88059	119.50	85040	118.39	88003	115.58	85007
66	502.9	4396.7	66	133.47	88064	128.01	88003	121.79	87352	120.34	85007	113.24	88047	112.06	87327
67	507.9	4396.7	67	116.98	88003	107.54	88064	104.71	86068	102.39	87352	102.03	88059	99.30	86107
68	512.9	4396.7	68	99.47	88003	96.50	88064	96.13	87352	95.40	86068	94.84	86107	92.01	85007
69	517.9	4396.7	69	110.59	88003	99.38	86068	95.39	85007	95.36	88064	88.82	86329	87.44	86107
70	522.9	4396.7	70	91.55	86068	86.96	88003	82.15	86107	77.23	86346	76.44	85007	76.41	86329
71	527.9	4396.7	71	84.22	86068	77.93	88003	77.05	86107	73.83	86329	69.18	85007	67.76	85320
72	532.9	4396.7	72	79.32	86068	74.20	86107	70.16	86329	66.94	88003	64.51	85320	62.77	85007
73	537.9	4396.7	73	75.78	86068	71.80	86107	66.51	86329	61.41	85007	61.22	85320	61.10	88291
74	542.9	4396.7	74	71.42	86068	70.09	86107	64.40	86329	60.93	85007	59.98	88291	59.11	88348
75	547.9	4396.7	75	68.90	86107	67.44	86068	63.13	86329	59.18	85007	59.13	88291	57.75	88348
76	477.9	4401.7	76	116.83	85040	114.52	88047	105.05	85070	93.23	85270	91.55	88016	88.58	88059
77	482.9	4401.7	77	116.81	85040	114.34	88047	102.45	85070	98.37	85270	93.54	88059	91.92	88016
78	487.9	4401.7	78	123.72	88047	113.86	85040	106.10	88059	106.01	85070	103.89	88064	100.68	85270
79	492.9	4401.7	79	121.95	88047	115.16	85040	111.94	88059	111.44	88064	102.57	85270	100.52	88016
80	497.9	4401.7	80	121.63	88059	116.74	88064	115.20	88047	110.28	88003	109.80	85040	108.71	87352
81	502.9	4401.7	81	132.37	88003	127.75	87352	121.33	88064	118.63	88047	114.02	88059	113.65	85007
82	507.9	4401.7	82	109.98	88003	103.95	88059	103.76	88064	99.89	88047	98.68	87352	95.16	87270
83	512.9	4401.7	83	109.54	88003	99.91	86068	99.65	87352	95.98	88064	94.83	85007	93.71	87351
84	517.9	4401.7	84	108.14	88003	93.17	86068	88.99	86329	88.00	88064	86.83	87352	86.55	85007
85	522.9	4401.7	85	90.38	88003	87.77	86068	82.03	87360	78.60	86329	78.28	86107	77.12	88064
86	527.9	4401.7	86	82.00	86068	78.89	88003	74.85	86107	72.79	86329	71.62	87360	68.20	85320
87	532.9	4401.7	87	73.31	86068	72.01	86107	69.57	88003	66.95	86329	65.69	87360	62.86	85320
88	537.9	4401.7	88	71.21	86107	67.86	86068	63.67	86329	62.93	88003	61.57	88291	60.74	87360
89	542.9	4401.7	89	70.37	86107	64.55	86068	63.08	86329	59.82	88003	59.48	89346	59.23	88291
90	547.9	4401.7	90	68.79	86107	63.10	86068	62.10	86329	58.55	89346	57.88	88291	57.85	88003
91	477.9	4406.7	91	108.54	88047	106.24	85070	105.11	88004	102.70	89024	94.60	85040	94.52	88059
92	482.9	4406.7	92	116.32	88047	104.59	85360	101.95	85070	95.70	85040	94.76	89014	94.06	88059
93	487.9	4406.7	93	122.17	88047	110.10	88016	109.32	88059	104.99	85360	103.01	85070	102.81	89014

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
94	492.9	4406.7	94	123.11	88047	121.60	88059	108.56	87270	105.05	85360	104.67	89014	104.47	85040
95	497.9	4406.7	95	138.52	88059	122.96	88047	122.01	86339	119.78	87270	112.55	87337	112.09	87352
96	502.9	4406.7	96	147.79	88059	140.43	86339	135.02	88003	128.76	87270	126.51	87337	124.62	87350
97	507.9	4406.7	97	103.90	88059	98.33	88003	95.48	87270	91.93	85340	91.90	87339	90.41	88047
98	512.9	4406.7	98	100.92	89024	100.55	88059	97.98	88064	92.84	88003	92.32	88047	90.14	86107
99	517.9	4406.7	99	112.48	88003	103.88	85007	101.04	86068	94.33	87352	90.54	87360	89.93	88064
100	522.9	4406.7	100	87.18	88003	81.97	86068	78.65	86107	78.29	87360	75.97	87339	75.78	87325
101	527.9	4406.7	101	85.45	88003	79.56	87360	73.95	86068	73.80	86107	70.92	88064	69.46	86329
102	532.9	4406.7	102	75.88	88003	70.13	86107	69.64	86068	69.17	87360	66.01	86329	62.77	88064
103	537.9	4406.7	103	69.78	86107	67.68	88003	64.74	86068	63.23	86329	62.57	87360	60.54	89346
104	542.9	4406.7	104	68.61	86107	64.39	88003	62.50	86068	61.94	86329	59.43	85015	59.10	89346
105	547.9	4406.7	105	67.30	86107	61.06	86329	60.98	88003	60.85	86068	58.70	89346	58.53	85015
106	477.9	4411.7	106	108.83	89014	106.34	85360	105.18	88047	103.30	85070	98.06	85040	97.83	87270
107	482.9	4411.7	107	123.13	89346	107.48	88047	98.68	85040	98.26	85360	98.15	85070	94.45	88059
108	487.9	4411.7	108	104.93	88059	104.09	88047	101.41	85360	94.31	85070	93.51	87270	92.73	85040
109	492.9	4411.7	109	119.78	88059	108.91	88047	103.28	86339	103.17	87270	102.05	85360	98.89	87352
110	497.9	4411.7	110	123.06	88059	104.81	88047	103.29	87270	102.83	87352	99.47	87337	98.88	87350
111	502.9	4411.7	111	125.40	88059	113.96	85340	107.63	87270	103.59	87333	102.64	88003	101.74	87352
112	507.9	4411.7	112	106.83	88059	98.21	87339	98.10	88003	96.15	87352	95.19	87270	93.67	85340
113	512.9	4411.7	113	127.53	88059	118.60	86339	114.70	87270	109.36	87359	109.35	87337	108.22	87339
114	517.9	4411.7	114	113.59	86355	106.34	87360	101.72	87333	101.68	85340	101.55	86351	101.05	86329
115	522.9	4411.7	115	87.08	88003	83.56	87360	76.56	87339	76.06	87325	75.01	86329	74.51	85340
116	527.9	4411.7	116	82.10	88003	76.73	87360	72.41	86107	71.46	87325	71.20	86329	69.38	88064
117	532.9	4411.7	117	81.27	88003	76.37	87360	70.84	86107	68.40	86329	65.46	88064	64.80	87325
118	537.9	4411.7	118	71.69	88003	69.06	86107	66.88	87360	64.65	86329	61.24	86068	60.97	88064
119	542.9	4411.7	119	68.96	86107	65.80	88003	63.00	86329	61.22	87360	59.41	86068	58.49	88029
120	547.9	4411.7	120	67.63	86107	63.64	88003	60.96	86329	58.54	86068	57.70	87360	57.32	88291
121	477.9	4416.7	121	101.45	85360	95.82	87351	94.47	88047	93.25	85070	90.58	87001	87.62	88059
122	482.9	4416.7	122	102.93	85360	97.63	88016	97.07	88059	96.22	88047	94.94	87270	92.17	85070
123	487.9	4416.7	123	106.55	88047	100.72	88059	96.09	85360	89.92	87270	89.70	85070	85.88	85040
124	492.9	4416.7	124	115.71	88059	105.77	87270	100.62	86339	99.91	88047	96.22	87351	95.31	85360
125	497.9	4416.7	125	119.80	88059	99.41	87270	97.43	87351	97.39	87352	96.96	88047	96.25	87337
126	502.9	4416.7	126	131.56	88059	111.44	87270	110.38	87337	109.91	85340	107.17	87333	103.90	89004
127	507.9	4416.7	127	100.44	88059	96.20	87270	92.21	87339	86.38	86355	86.03	87350	85.99	87352
128	512.9	4416.7	128	95.84	88059	90.16	88003	87.41	85340	85.72	87270	82.87	87352	82.53	87360
129	517.9	4416.7	129	83.37	88003	81.50	87352	81.19	87360	80.96	87325	80.94	87339	79.72	88059
130	522.9	4416.7	130	87.78	87360	85.18	88003	78.44	87325	78.22	85340	76.56	88064	73.48	87339
131	527.9	4416.7	131	78.63	87360	78.50	88003	71.79	87325	67.96	87339	67.95	86107	67.64	88064
132	532.9	4416.7	132	74.90	87360	74.18	88003	68.01	87325	67.60	86107	66.20	88064	63.42	85340
133	537.9	4416.7	133	74.01	88003	72.72	87360	67.16	86107	63.59	88064	62.56	87325	61.80	88029
134	542.9	4416.7	134	69.29	88003	66.18	86107	65.87	87360	60.88	85015	60.54	88064	59.48	88029
135	547.9	4416.7	135	66.11	88003	65.55	86107	60.81	87360	59.87	85015	58.77	86329	58.48	86068
136	477.9	4421.7	136	102.39	88059	100.86	85360	96.35	88047	91.42	85070	87.63	87270	86.26	86339
137	482.9	4421.7	137	93.47	85360	91.83	88059	91.83	89014	89.33	85070	89.31	87333	88.98	88047
138	487.9	4421.7	138	104.19	88059	97.81	85360	91.44	88047	90.88	87270	88.88	86339	88.34	86354
139	492.9	4421.7	139	109.23	88059	98.85	87270	97.90	87351	91.52	87337	89.82	88047	89.01	85360
140	497.9	4421.7	140	120.24	88059	99.30	87270	92.64	86345	92.58	86339	92.25	87351	90.76	87337
141	502.9	4421.7	141	118.68	88059	103.63	87270	97.28	87333	96.95	89004	94.46	87337	93.58	85340
142	507.9	4421.7	142	101.97	88059	98.37	87270	90.10	86355	88.24	87352	87.99	86345	87.59	87339
143	512.9	4421.7	143	98.27	88059	88.68	87270	85.20	87339	84.80	85340	84.24	87360	81.81	87352
144	517.9	4421.7	144	83.72	88003	83.71	87360	79.00	87325	78.52	88059	78.05	87352	77.40	85340

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
145	522.9	4421.7	145	78.71	87325	77.89	88003	77.49	87360	72.89	85340	72.88	87339	70.01	88064
146	527.9	4421.7	146	83.61	87360	81.35	88003	73.76	87325	72.81	88064	71.04	85340	65.94	87339
147	532.9	4421.7	147	76.89	88003	75.10	87360	70.27	87325	67.26	86107	65.92	88064	63.40	85340
148	537.9	4421.7	148	73.91	88003	72.00	87360	66.43	86107	65.58	87325	65.20	88064	61.98	88029
149	542.9	4421.7	149	73.33	88003	68.71	87360	66.16	86107	63.14	88064	61.57	87325	61.43	88029
150	547.9	4421.7	150	66.81	88003	65.07	86107	63.82	87360	60.08	88029	59.94	88064	58.71	85015
151	477.9	4426.7	151	97.13	85360	92.30	88059	88.44	85070	83.89	87270	80.52	89014	79.37	87031
152	482.9	4426.7	152	100.12	85360	93.45	88059	91.83	87333	88.41	87337	84.66	89014	83.25	87270
153	487.9	4426.7	153	100.75	88059	89.10	87270	87.57	85360	84.87	86339	83.38	87351	82.68	87337
154	492.9	4426.7	154	99.96	88059	93.94	87270	85.78	87351	83.71	87333	82.98	87337	80.66	87353
155	497.9	4426.7	155	113.82	88059	93.79	87270	87.89	87353	86.28	87337	81.76	86345	81.60	87351
156	502.9	4426.7	156	115.34	88059	101.53	87270	93.01	87333	90.95	89004	84.37	86345	84.23	87337
157	507.9	4426.7	157	93.22	88059	91.01	87270	84.97	86345	84.08	86355	81.83	87339	81.73	87352
158	512.9	4426.7	158	96.57	88059	88.36	87270	79.65	85340	78.87	87360	78.78	87339	77.90	86355
159	517.9	4426.7	159	78.87	87360	78.47	88059	77.33	87339	77.01	87325	75.47	85340	75.00	88352
160	522.9	4426.7	160	82.04	87360	78.19	88003	76.28	87325	72.45	87339	71.80	85340	70.14	88064
161	527.9	4426.7	161	76.41	87360	75.17	87325	74.96	88003	70.58	85340	68.77	88064	67.08	87339
162	532.9	4426.7	162	82.30	87360	80.25	88003	71.07	88064	69.24	87325	67.93	85340	64.65	86107
163	537.9	4426.7	163	76.34	88003	73.18	87360	68.62	87325	66.40	86107	65.53	88064	62.87	85364
164	542.9	4426.7	164	72.96	88003	71.05	87360	65.87	86107	64.72	88064	64.04	87325	61.85	88029
165	547.9	4426.7	165	72.45	88003	67.28	87360	65.63	86107	62.70	88064	61.82	88029	60.33	87325
1ADAM	505.5	4408.4	166	116.52	88059	109.40	87270	108.47	86355	104.55	88003	104.38	85340	103.46	87352
2ARVA	492.6	4405.6	167	120.63	88047	115.59	88059	104.75	85040	104.10	87270	102.09	85360	101.36	88016
3AURO	511.0	4399.0	168	105.62	88003	99.31	88064	98.84	88059	98.33	86068	97.16	86107	95.51	87352
414ST	500.7	4398.8	169	137.97	88064	135.43	88003	131.12	88059	127.52	87352	127.05	86107	125.34	88047
5CAMP	501.1	4399.9	170	133.87	88003	133.63	88059	132.86	88064	128.74	87352	125.02	87327	123.25	86107
6SBDY	501.9	4393.1	171	138.25	88003	137.96	88064	130.69	85007	121.36	87327	117.96	87352	116.78	87350
7ENGL	501.0	4386.3	172	134.50	85007	132.02	88064	129.15	86107	122.90	88003	115.50	85326	111.92	87352
8GOLD	480.8	4400.6	173	118.44	85040	117.87	88047	105.22	85070	98.46	85270	97.80	88016	89.74	88059
9LAKE	490.8	4395.6	174	123.55	88064	123.16	88047	120.33	85040	108.12	85270	101.31	88291	98.35	88059
10WELB	504.3	4409.7	175	112.52	88059	110.22	86355	102.62	87270	101.18	87352	100.20	87339	98.12	87333
11AURA	499.5	4399.4	176	125.23	88064	124.54	88059	119.93	88003	119.79	88047	114.29	85040	111.20	87352
12DWP1	505.5	4408.4	177	112.98	88059	107.43	87270	104.96	87352	104.60	88003	102.34	85340	101.81	87351
13DWP2	504.3	4409.7	178	110.95	88059	98.78	87352	98.40	87339	98.31	87270	97.11	87337	94.28	88047
361	482.9	4381.7	179	103.54	88064	100.35	85040	92.80	85270	90.10	88291	86.81	86284	85.97	89288
362	483.9	4381.7	180	108.27	88064	100.02	85040	93.05	85270	91.17	88291	88.25	86284	88.00	89288
363	484.9	4381.7	181	112.58	88064	100.92	85040	93.88	85270	92.29	88291	87.56	89288	87.30	86284
364	485.9	4381.7	182	110.13	88064	101.33	85040	96.30	85270	91.06	88291	90.88	89288	86.24	86284
365	486.9	4381.7	183	112.86	88064	102.14	85040	98.80	85270	95.42	89288	92.68	86107	90.64	88291
366	487.9	4381.7	184	115.16	88064	102.79	85040	99.29	85270	94.90	89288	93.51	86107	89.46	88291
367	488.9	4381.7	185	114.33	88064	102.59	85040	100.34	85270	97.76	89288	94.22	86107	89.14	88291
368	489.9	4381.7	186	115.81	88064	102.01	85040	101.49	86107	100.81	85270	100.51	89288	88.77	89344
369	490.9	4381.7	187	119.79	88064	102.53	89288	101.42	85270	98.53	85040	95.98	86107	91.42	89344
370	491.9	4381.7	188	121.75	88064	104.56	89288	103.49	85270	100.05	86107	98.13	85040	91.50	89344
371	492.9	4381.7	189	124.77	88064	109.72	86107	104.07	89288	101.57	85270	96.81	85040	95.53	89024
372	493.9	4381.7	190	123.31	88064	105.96	89288	100.34	86107	100.26	85270	96.19	85040	94.11	85007
373	494.9	4381.7	191	123.93	88064	106.44	89288	103.71	86107	102.21	85270	94.26	85040	92.45	89344
374	495.9	4381.7	192	123.70	88064	107.46	89288	104.93	85270	99.19	86107	96.08	89344	93.93	85040
375	496.9	4381.7	193	121.86	88064	107.48	86107	105.95	89288	104.81	85270	95.40	85007	94.38	85040
376	497.9	4381.7	194	124.01	88064	111.30	89288	106.43	86107	104.16	85270	100.98	85007	97.44	88003
377	498.9	4381.7	195	120.99	88064	110.47	89288	109.59	86107	106.72	85270	106.41	88003	105.22	85007

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
378	499.9	4381.7	196	125.46	88064	120.68	86107	110.55	89288	109.95	85007	106.48	88003	101.43	85270
379	500.9	4381.7	197	125.26	86107	123.74	85007	122.55	88064	113.90	88003	108.59	89288	106.80	85326
380	501.9	4381.7	198	129.04	88064	121.44	85007	118.11	88003	107.92	89288	107.52	85326	102.09	86107
381	502.9	4381.7	199	128.42	88064	117.07	88003	111.76	85007	110.84	85326	108.74	86107	105.15	89288
382	503.9	4381.7	200	130.03	88064	123.03	88003	108.24	85007	108.21	85326	104.28	89288	101.11	86107
383	504.9	4381.7	201	125.55	88064	116.51	88003	113.56	86107	109.34	85326	105.21	85007	100.94	85270
384	505.9	4381.7	202	121.63	88064	118.22	88003	112.04	85007	110.04	85326	103.83	86107	102.11	89288
385	506.9	4381.7	203	124.19	88064	120.47	88003	111.24	85326	109.61	85007	105.19	86107	101.26	87352
386	507.9	4381.7	204	121.93	88064	118.79	88003	114.96	85007	113.11	85326	106.90	86107	103.67	89288
387	508.9	4381.7	205	129.74	88003	122.57	85007	121.44	88064	117.16	85326	109.44	87352	104.00	86107
388	509.9	4381.7	206	133.99	88003	119.96	85007	119.16	88064	116.81	85326	112.32	89051	106.93	87352
389	510.9	4381.7	207	125.22	88003	109.70	85326	107.73	85007	105.77	88340	105.38	89051	103.02	88064
390	511.9	4381.7	208	106.82	88003	100.74	85326	96.93	88064	94.28	86068	93.98	88340	93.54	88354
391	512.9	4381.7	209	100.49	88003	96.57	85326	94.12	86068	93.05	86107	92.67	88064	90.75	85332
432	482.9	4382.7	210	102.77	85040	102.70	88064	94.15	85270	91.20	88291	88.49	86284	87.25	88047
433	483.9	4382.7	211	108.07	88064	103.04	85040	95.00	85270	91.55	88291	90.24	86284	88.74	88047
434	484.9	4382.7	212	112.40	88064	103.20	85040	95.56	85270	92.79	88291	90.18	86284	88.95	88047
435	485.9	4382.7	213	111.66	88064	103.87	85040	98.03	85270	94.14	88291	90.04	89288	89.54	88047
436	486.9	4382.7	214	113.83	88064	106.05	85040	100.28	85270	95.24	88291	94.45	89288	92.68	86107
437	487.9	4382.7	215	117.13	88064	104.17	85040	100.42	85270	95.44	89288	95.35	86107	92.73	88291
438	488.9	4382.7	216	115.98	88064	103.09	85040	101.73	85270	97.35	89288	93.97	86107	91.31	88291
439	489.9	4382.7	217	116.40	88064	103.71	85040	102.84	85270	101.91	86107	98.83	89288	91.04	88291
440	490.9	4382.7	218	120.33	88064	103.28	85270	102.83	85040	102.50	89288	96.18	86107	91.85	85007
441	491.9	4382.7	219	122.51	88064	105.00	85270	104.72	89288	100.09	85040	99.01	86107	94.55	89344
442	492.9	4382.7	220	124.87	88064	108.91	86107	103.18	85270	102.74	89288	98.03	85040	96.42	85007
443	493.9	4382.7	221	123.23	88064	105.30	89288	101.21	85270	98.96	86107	96.98	89024	94.63	85040
444	494.9	4382.7	222	125.29	88064	105.41	89288	103.30	86107	101.66	85270	94.29	85040	92.83	89024
445	495.9	4382.7	223	125.07	88064	109.13	89288	104.66	85270	99.83	86107	95.71	89344	92.71	85007
446	496.9	4382.7	224	123.93	88064	108.37	86107	107.11	89288	105.31	85270	96.04	85007	95.84	89344
447	497.9	4382.7	225	126.46	88064	110.97	89288	105.05	85270	104.97	86107	103.25	85007	98.02	88003
448	498.9	4382.7	226	122.04	88064	111.35	89288	110.44	86107	107.26	85270	107.26	88003	106.91	85007
449	499.9	4382.7	227	126.28	88064	118.89	86107	112.95	85007	110.04	89288	108.60	88003	102.48	85326
450	500.9	4382.7	228	127.10	85007	126.16	86107	124.62	88064	115.31	88003	109.06	89288	108.21	85326
451	501.9	4382.7	229	129.24	88064	124.01	85007	121.57	88003	108.98	85326	108.18	89288	102.88	87352
452	502.9	4382.7	230	128.41	88064	119.55	88003	114.91	85007	112.13	85326	107.51	86107	105.54	89288
453	503.9	4382.7	231	131.51	88064	124.84	88003	110.26	85007	108.81	85326	103.23	89288	102.61	85270
454	504.9	4382.7	232	124.39	88064	118.73	88003	110.61	86107	109.83	85326	109.32	85007	101.70	85270
455	505.9	4382.7	233	124.20	88064	120.02	88003	113.52	85007	109.91	85326	102.93	89288	102.81	86107
456	506.9	4382.7	234	124.49	88064	122.03	88003	111.89	85007	111.81	85326	105.25	86107	102.76	87352
457	507.9	4382.7	235	124.31	88064	123.29	88003	119.67	85007	115.21	85326	106.72	86107	106.22	87352
458	508.9	4382.7	236	136.97	88003	135.71	85007	128.13	88064	122.81	85326	117.40	87352	110.27	87356
459	509.9	4382.7	237	146.29	88003	130.13	85007	122.33	85326	121.61	88064	120.20	89051	118.42	87352
460	510.9	4382.7	238	121.61	88003	108.10	85326	107.20	85007	103.80	88340	103.64	88064	103.15	89051
461	511.9	4382.7	239	105.11	88003	101.26	85326	99.57	86068	97.54	85007	97.26	88064	93.12	89051
462	512.9	4382.7	240	100.65	88003	98.48	85326	96.87	86068	92.59	85007	92.57	88064	91.13	85332
503	482.9	4383.7	241	105.17	88064	104.20	85040	94.79	85270	90.70	88291	90.04	88047	87.05	86284
504	483.9	4383.7	242	108.93	88064	104.52	85040	96.80	85270	91.52	88291	90.81	88047	89.48	86284
505	484.9	4383.7	243	113.35	88064	105.75	85040	96.40	85270	93.00	88291	91.87	88047	90.73	86284
506	485.9	4383.7	244	112.50	88064	105.82	85040	98.88	85270	93.83	88291	92.95	88047	91.32	86284
507	486.9	4383.7	245	116.15	88064	107.82	85040	101.01	85270	96.26	88291	95.89	88047	93.53	86107
508	487.9	4383.7	246	118.21	88064	107.06	85040	100.90	85270	96.43	88291	95.59	86107	95.07	89288

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
509	488.9	4383.7	247	119.00	88064	107.04	85040	103.31	85270	98.27	89288	96.61	86107	95.67	88047
510	489.9	4383.7	248	118.34	88064	107.04	85040	104.46	85270	102.58	86107	97.53	89288	95.41	88047
511	490.9	4383.7	249	119.42	88064	106.90	85040	104.88	85270	101.04	89288	96.95	86107	93.45	85007
512	491.9	4383.7	250	123.64	88064	106.66	85040	105.29	85270	104.24	89288	99.06	86107	97.63	89344
513	492.9	4383.7	251	122.58	88064	107.99	86107	105.12	85270	103.43	85040	101.93	89288	97.52	85007
514	493.9	4383.7	252	123.85	88064	105.02	89288	102.30	85270	99.85	85040	98.64	86107	94.24	85007
515	494.9	4383.7	253	127.33	88064	106.16	86107	105.96	89288	103.64	85270	100.63	85040	100.45	89024
516	495.9	4383.7	254	127.29	88064	109.04	89288	106.89	85270	100.87	86107	99.74	85040	97.83	89024
517	496.9	4383.7	255	126.16	88064	111.26	86107	109.62	85270	109.54	89288	100.90	89344	99.82	85007
518	497.9	4383.7	256	129.09	88064	111.69	89288	108.74	85007	107.99	85270	106.25	86107	101.38	88003
519	498.9	4383.7	257	125.74	88064	112.39	89288	111.27	86107	109.28	85007	108.92	88003	108.32	85270
520	499.9	4383.7	258	127.06	88064	120.01	86107	116.27	85007	110.31	88003	110.06	89288	104.87	85270
521	500.9	4383.7	259	129.01	85007	127.29	88064	127.12	86107	115.27	88003	109.14	85326	108.82	89288
522	501.9	4383.7	260	130.40	88064	122.01	88003	120.67	85007	109.33	85326	106.23	89288	102.05	86107
523	502.9	4383.7	261	126.57	88064	117.22	88003	110.28	85007	109.68	85326	107.68	86107	103.35	89288
524	503.9	4383.7	262	131.92	88064	122.70	88003	107.97	85326	106.71	85007	101.87	85270	101.79	89288
525	504.9	4383.7	263	119.76	88064	116.44	88003	109.89	86107	107.88	85326	104.90	85007	100.68	85270
526	505.9	4383.7	264	122.60	88064	117.63	88003	108.75	85007	107.97	85326	101.19	86107	100.78	85270
527	506.9	4383.7	265	123.33	88064	121.15	88003	110.80	85326	109.79	85007	107.05	86107	102.81	87352
528	507.9	4383.7	266	126.82	88064	126.36	88003	120.41	85007	117.05	85326	110.84	87352	110.24	86107
529	508.9	4383.7	267	143.71	88003	138.23	85007	132.57	88064	128.30	85326	125.10	87352	117.07	87356
530	509.9	4383.7	268	149.60	88003	127.30	88340	126.63	85007	122.44	87352	119.73	85326	119.01	88021
531	510.9	4383.7	269	111.58	88003	103.96	85326	101.22	88064	99.05	86068	97.33	85007	96.81	86346
532	511.9	4383.7	270	103.51	88003	98.70	85326	97.31	86068	95.86	88064	92.93	85007	91.30	85332
533	512.9	4383.7	271	98.25	88003	96.40	85326	96.22	86068	94.80	86107	92.30	88064	89.85	85007
574	482.9	4384.7	272	110.73	85040	106.20	88064	97.15	85270	91.71	88291	90.27	88047	88.47	86284
575	483.9	4384.7	273	110.31	85040	109.13	88064	99.36	85270	91.78	88291	90.98	88047	89.42	86284
576	484.9	4384.7	274	113.52	88064	111.00	85040	98.65	85270	91.61	88291	91.25	88047	88.97	86284
577	485.9	4384.7	275	113.02	88064	111.66	85040	100.54	85270	93.57	88291	93.13	88047	90.89	89288
578	486.9	4384.7	276	120.50	88064	113.04	85040	102.33	85270	96.39	88047	95.96	88291	93.97	86107
579	487.9	4384.7	277	118.18	88064	109.26	85040	101.40	85270	96.69	88047	96.55	86107	94.48	88291
580	488.9	4384.7	278	121.59	88064	109.71	85040	103.25	85270	99.13	88047	96.74	88291	95.31	89288
581	489.9	4384.7	279	121.13	88064	108.48	85040	103.94	85270	102.65	86107	98.36	88047	96.93	89288
582	490.9	4384.7	280	119.20	88064	108.00	85040	104.10	85270	98.28	89288	96.55	88047	96.40	86107
583	491.9	4384.7	281	121.12	88064	108.61	85040	105.06	85270	102.06	89288	99.34	86107	96.61	88047
584	492.9	4384.7	282	119.26	88064	107.77	86107	104.70	85270	104.30	85040	100.44	89288	95.02	85007
585	493.9	4384.7	283	121.79	88064	103.90	85040	103.60	89288	102.95	85270	96.80	86107	92.33	88291
586	494.9	4384.7	284	125.55	88064	105.79	86107	103.79	89288	102.36	85270	101.40	85040	93.18	89024
587	495.9	4384.7	285	126.46	88064	105.96	89288	105.91	85270	102.55	85040	100.23	86107	97.69	89024
588	496.9	4384.7	286	127.18	88064	114.23	86107	111.87	85270	110.03	89288	102.50	89344	101.73	87356
589	497.9	4384.7	287	132.22	88064	114.70	85007	114.22	89288	114.04	87356	111.42	85270	111.08	86107
590	498.9	4384.7	288	128.83	88064	116.92	85007	114.99	86107	114.99	89288	114.85	88003	111.37	85270
591	499.9	4384.7	289	129.66	88064	123.15	85007	121.98	86107	115.12	88003	110.95	89288	108.92	85270
592	500.9	4384.7	290	132.70	85007	131.00	86107	129.86	88064	117.24	88003	111.73	85326	109.92	87352
593	501.9	4384.7	291	131.57	88064	121.42	88003	121.15	85007	109.58	85326	105.68	89288	103.73	86107
594	502.9	4384.7	292	127.40	88064	115.26	88003	108.60	85007	107.88	85326	107.52	86107	102.24	85270
595	503.9	4384.7	293	131.91	88064	120.69	88003	107.63	85326	105.74	85007	101.70	85270	101.46	89288
596	504.9	4384.7	294	118.55	88064	112.72	88003	109.13	86107	106.74	85326	102.81	85007	99.76	85270
597	505.9	4384.7	295	120.84	88064	115.23	88003	105.60	85007	105.40	85326	100.42	85270	99.51	86107
598	506.9	4384.7	296	120.35	88064	118.26	88003	108.88	85326	106.75	85007	106.07	86107	101.41	87352
599	507.9	4384.7	297	127.79	88064	126.22	88003	120.11	85007	119.38	85326	113.60	87352	112.11	86107

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
600	508.9	4384.7	298	146.08	88003	131.54	85007	129.26	88064	127.69	85326	126.75	87352	123.21	88340
601	509.9	4384.7	299	134.96	88003	114.32	88064	113.35	87352	112.72	85007	111.13	85326	110.66	88340
602	510.9	4384.7	300	107.54	88003	101.12	85326	100.15	88064	96.14	86068	93.58	85007	92.92	86346
603	511.9	4384.7	301	99.59	88003	95.45	86068	94.94	85326	94.57	88064	90.10	85007	89.53	86346
604	512.9	4384.7	302	98.63	88003	95.28	86068	94.60	86107	94.01	85326	92.63	88064	88.61	85007
645	482.9	4385.7	303	114.08	85040	108.33	88064	100.06	85270	95.55	88047	94.54	88291	89.56	86284
646	483.9	4385.7	304	114.24	85040	111.56	88064	101.32	85270	97.00	88047	94.46	88291	89.31	86284
647	484.9	4385.7	305	112.47	88064	111.87	85040	102.22	85270	94.57	88047	92.55	88291	88.90	86284
648	485.9	4385.7	306	114.10	85040	112.61	88064	104.38	85270	96.94	88047	94.19	88291	91.54	86284
649	486.9	4385.7	307	119.15	88064	113.65	85040	104.02	85270	100.44	88047	95.74	88291	92.36	89288
650	487.9	4385.7	308	123.52	88064	110.41	85040	103.03	85270	99.39	88047	96.91	88291	96.27	86107
651	488.9	4385.7	309	122.23	88064	108.44	85040	103.91	85270	99.15	88047	95.07	89288	94.56	86107
652	489.9	4385.7	310	124.14	88064	107.91	85040	104.22	85270	102.42	86107	99.30	88047	96.46	89288
653	490.9	4385.7	311	122.01	88064	107.06	85040	104.37	85270	98.39	88047	97.40	89288	96.49	86107
654	491.9	4385.7	312	124.04	88064	108.34	85040	106.44	85270	100.84	89288	99.97	88047	99.02	86107
655	492.9	4385.7	313	117.82	88064	105.95	86107	103.78	85270	103.32	85040	98.55	89288	94.47	88047
656	493.9	4385.7	314	120.10	88064	101.98	85270	100.70	89288	100.47	85040	93.92	86107	93.80	88047
657	494.9	4385.7	315	123.98	88064	103.27	86107	102.47	89288	101.20	85270	99.10	85040	92.86	88047
658	495.9	4385.7	316	124.13	88064	105.49	89288	104.71	85270	101.28	89024	99.98	85040	99.11	86107
659	496.9	4385.7	317	127.61	88064	111.99	86107	110.99	85270	109.97	89288	103.45	89024	101.94	85040
660	497.9	4385.7	318	131.81	88064	111.60	89288	110.56	85270	110.27	87356	110.01	85007	109.93	88003
661	498.9	4385.7	319	129.60	88064	116.25	89288	115.15	86107	114.77	88003	113.06	85007	112.55	85270
662	499.9	4385.7	320	131.89	88064	127.66	85007	121.52	86107	121.31	88003	111.63	89288	109.31	85270
663	500.9	4385.7	321	132.86	86107	132.64	85007	131.15	88064	118.74	88003	113.29	85326	111.50	87352
664	501.9	4385.7	322	132.37	88064	124.60	88003	123.50	85007	110.10	85326	105.85	89288	105.45	86107
665	502.9	4385.7	323	125.91	88064	120.09	88003	112.84	85007	110.20	85326	107.65	86107	103.89	85270
666	503.9	4385.7	324	133.73	88064	122.11	88003	109.94	85007	109.56	85326	102.55	85270	101.46	89288
667	504.9	4385.7	325	120.58	88064	116.12	88003	111.39	86107	107.73	85007	107.29	85326	102.74	85270
668	505.9	4385.7	326	122.49	88064	117.66	88003	110.45	85007	106.58	85326	102.51	85270	100.98	86107
669	506.9	4385.7	327	122.81	88064	121.93	88003	113.87	85007	112.11	85326	106.15	86107	106.07	87352
670	507.9	4385.7	328	133.21	88003	131.25	88064	129.83	85007	126.26	85326	121.28	87352	112.95	87356
671	508.9	4385.7	329	148.67	88003	138.53	85007	131.10	88340	130.52	87352	129.39	88064	126.79	85326
672	509.9	4385.7	330	131.67	88003	120.35	85007	113.88	87352	113.69	88064	112.04	85326	110.44	86346
673	510.9	4385.7	331	106.23	88003	100.30	88064	99.99	85326	97.55	86068	96.42	85007	92.35	86346
674	511.9	4385.7	332	99.61	88003	95.32	86068	95.05	88064	93.01	85326	90.74	85007	87.92	86346
675	512.9	4385.7	333	96.17	88003	94.75	86068	94.01	86107	92.85	85326	92.82	88064	88.73	85007
716	482.9	4386.7	334	118.36	85040	108.17	88064	102.74	88047	100.82	85270	96.64	88291	90.71	89024
717	483.9	4386.7	335	114.71	85040	110.66	88064	102.32	88047	101.51	85270	95.04	88291	92.76	85007
718	484.9	4386.7	336	114.95	85040	112.05	88064	104.50	85270	99.79	88047	95.29	88291	89.40	86284
719	485.9	4386.7	337	117.62	85040	113.07	88064	104.80	85270	102.83	88047	95.48	88291	89.80	89288
720	486.9	4386.7	338	116.39	88064	114.18	85040	103.88	85270	99.23	88047	95.81	88291	92.10	86107
721	487.9	4386.7	339	119.90	88064	111.51	85040	104.01	85270	99.05	88047	95.29	88291	93.06	86107
722	488.9	4386.7	340	122.67	88064	109.49	85040	104.59	85270	98.62	88047	95.12	88291	93.88	86107
723	489.9	4386.7	341	124.94	88064	110.14	85040	105.54	85270	100.35	86107	99.33	88047	95.30	89288
724	490.9	4386.7	342	125.33	88064	107.58	85040	105.36	85270	99.13	88047	96.87	86107	95.64	89288
725	491.9	4386.7	343	126.72	88064	108.03	85040	106.25	85270	101.16	88047	98.80	86107	98.65	89288
726	492.9	4386.7	344	118.99	88064	108.75	86107	105.34	85040	103.49	85270	98.73	89288	96.60	88047
727	493.9	4386.7	345	120.38	88064	104.04	85270	103.70	85040	99.60	89288	95.56	86107	93.94	88047
728	494.9	4386.7	346	124.62	88064	103.50	85040	103.35	85270	102.73	86107	100.87	89288	95.08	88047
729	495.9	4386.7	347	126.92	88064	106.46	89288	104.51	85270	103.27	85040	98.75	86107	97.37	88047
730	496.9	4386.7	348	127.50	88064	114.37	86107	113.82	89024	110.25	85270	108.42	89288	105.57	85040

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
731	497.9	4386.7	349	128.86	88064	110.45	89288	109.20	85270	107.77	88003	106.33	86107	105.08	85007
732	498.9	4386.7	350	128.31	88064	116.81	89288	113.15	86107	112.20	87356	112.11	85270	109.79	85007
733	499.9	4386.7	351	132.41	88064	130.77	85007	123.92	88003	120.74	86107	111.12	89288	110.01	85326
734	500.9	4386.7	352	132.84	86107	131.17	88064	126.52	85007	117.03	88003	112.98	85326	108.80	87352
735	501.9	4386.7	353	131.26	88064	124.44	88003	119.64	85007	109.61	85326	105.79	86107	104.16	89288
736	502.9	4386.7	354	126.59	88064	120.39	88003	110.09	85326	109.70	85007	107.40	86107	102.43	89288
737	503.9	4386.7	355	130.09	88064	119.58	88003	107.29	85326	106.36	85007	101.31	86107	101.08	85270
738	504.9	4386.7	356	117.25	88064	116.39	88003	112.38	86107	106.44	85326	104.89	85007	102.19	85270
739	505.9	4386.7	357	122.17	88064	119.51	88003	108.15	85007	107.22	85326	102.55	85270	100.33	86107
740	506.9	4386.7	358	125.61	88064	124.56	88003	115.10	85007	114.90	85326	110.38	87352	107.80	86107
741	507.9	4386.7	359	140.59	88003	132.40	88064	130.08	85007	127.82	85326	127.18	87352	117.23	87314
742	508.9	4386.7	360	147.84	88003	136.36	88340	135.39	85007	133.18	87352	129.31	88064	124.50	85326
743	509.9	4386.7	361	133.95	88003	118.46	85007	116.53	87352	114.65	86346	114.62	88064	109.61	85326
744	510.9	4386.7	362	104.66	88003	99.32	88064	97.54	85326	96.33	86068	95.69	86107	94.58	85007
745	511.9	4386.7	363	100.57	88003	95.97	88064	95.85	86068	92.13	85326	90.82	86107	88.48	85007
746	512.9	4386.7	364	98.05	86107	97.72	88003	97.05	86068	93.82	88064	92.68	85326	88.19	85007
787	482.9	4387.7	365	122.45	85040	106.28	88064	103.70	88047	102.46	85270	100.30	88291	86.80	86284
788	483.9	4387.7	366	116.62	85040	110.68	88064	101.92	88047	99.00	85270	97.09	88291	88.66	89288
789	484.9	4387.7	367	117.88	85040	109.59	88064	103.13	88047	102.94	85270	96.74	88291	88.43	86284
790	485.9	4387.7	368	117.12	85040	108.60	88064	101.73	88047	101.66	85270	96.38	88291	85.44	86284
791	486.9	4387.7	369	115.14	85040	110.52	88064	102.17	85270	99.80	88047	94.22	88291	89.94	86107
792	487.9	4387.7	370	116.13	88064	113.10	85040	102.88	85270	99.42	88047	94.60	88291	91.19	86107
793	488.9	4387.7	371	120.12	88064	113.13	85040	104.14	85270	100.13	88047	95.18	88291	93.25	89288
794	489.9	4387.7	372	122.57	88064	112.44	85040	106.06	85270	100.71	88047	98.75	86107	95.28	89288
795	490.9	4387.7	373	123.79	88064	110.85	85040	106.09	85270	99.21	88047	93.56	89288	93.52	86107
796	491.9	4387.7	374	127.03	88064	108.74	85040	107.51	85270	99.85	88047	95.45	89288	93.73	86107
797	492.9	4387.7	375	124.15	88064	109.48	86107	106.63	85270	106.30	85040	100.12	88047	98.59	89288
798	493.9	4387.7	376	124.91	88064	106.04	85040	104.71	85270	100.35	88047	99.70	89288	97.74	86107
799	494.9	4387.7	377	126.37	88064	106.42	85270	105.39	85040	104.63	86107	101.79	88047	100.20	89288
800	495.9	4387.7	378	128.01	88064	106.46	85270	106.25	85040	103.33	89288	101.40	88047	98.75	88003
801	496.9	4387.7	379	127.45	88064	112.51	86107	109.48	85270	107.94	89288	105.52	85040	102.37	88047
802	497.9	4387.7	380	129.62	88064	119.94	89024	112.62	85270	111.27	89288	110.24	86107	106.63	88003
803	498.9	4387.7	381	130.33	88064	125.44	87356	120.29	89288	119.30	85007	113.84	86107	113.64	85270
804	499.9	4387.7	382	141.89	85007	137.19	88064	127.06	88003	120.51	86107	119.47	87352	114.05	85326
805	500.9	4387.7	383	131.98	86107	130.21	88064	124.35	85007	119.19	88003	112.41	85326	106.86	89288
806	501.9	4387.7	384	131.54	88064	123.98	88003	119.56	85007	111.17	85326	104.77	86107	104.23	89288
807	502.9	4387.7	385	127.87	88064	117.96	88003	109.85	85007	108.84	85326	108.14	86107	101.71	85270
808	503.9	4387.7	386	128.14	88064	117.33	88003	107.55	85326	106.60	85007	100.96	85270	99.97	86107
809	504.9	4387.7	387	117.72	88064	115.48	88003	110.26	86107	106.89	85326	106.48	85007	102.01	85270
810	505.9	4387.7	388	120.30	88064	119.51	88003	112.77	85007	108.74	85326	101.29	85270	100.79	87352
811	506.9	4387.7	389	128.52	88003	126.44	88064	119.99	85007	118.29	85326	115.30	87352	107.76	85270
812	507.9	4387.7	390	141.20	88003	132.89	88340	126.76	87352	124.53	88064	121.38	85007	121.14	87351
813	508.9	4387.7	391	128.42	88003	120.65	88064	116.21	87352	111.91	85326	111.12	88340	109.50	88059
814	509.9	4387.7	392	125.04	88003	114.12	88064	111.09	87352	110.33	85007	105.19	85326	103.61	86068
815	510.9	4387.7	393	111.09	88003	104.00	86068	103.46	85007	103.11	88064	100.11	85326	98.28	86107
816	511.9	4387.7	394	105.85	88003	102.99	86068	97.99	88064	94.84	85326	94.57	85007	89.71	86107
817	512.9	4387.7	395	101.12	88003	97.66	86068	95.88	88064	94.77	86107	92.22	85326	88.45	85007
858	482.9	4388.7	396	113.03	85040	107.53	88047	104.85	88064	97.72	88291	96.77	85270	88.31	86284
859	483.9	4388.7	397	114.06	85040	110.94	88064	108.15	88047	99.07	85270	97.75	88291	88.81	86284
860	484.9	4388.7	398	114.11	85040	109.02	88064	106.86	88047	99.89	85270	95.07	88291	87.07	86284
861	485.9	4388.7	399	111.81	85040	104.20	88064	103.60	88047	98.56	85270	93.47	88291	85.34	86284

## SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
862	486.9	4388.7	400	111.21	85040	106.05	88064	103.79	88047	98.61	85270	93.46	88291	86.66	86107
863	487.9	4388.7	401	113.39	85040	110.34	88064	105.47	88047	100.14	85270	93.45	88291	88.65	86107
864	488.9	4388.7	402	114.98	88064	113.82	85040	106.33	88047	102.65	85270	93.99	88291	91.82	89288
865	489.9	4388.7	403	121.94	88064	114.30	85040	107.15	88047	106.55	85270	98.71	86107	96.17	88291
866	490.9	4388.7	404	121.20	88064	112.76	85040	106.30	85270	105.55	88047	96.81	89024	95.89	89288
867	491.9	4388.7	405	125.02	88064	114.23	85040	109.12	85270	106.67	88047	96.95	89024	95.71	89288
868	492.9	4388.7	406	126.39	88064	115.58	85040	111.27	85270	110.92	88047	108.14	86107	100.12	89024
869	493.9	4388.7	407	131.57	88064	112.04	85040	109.48	85270	106.35	88047	103.89	85007	103.67	88003
870	494.9	4388.7	408	131.79	88064	112.17	85270	109.94	85040	107.58	88047	105.29	86107	101.27	85007
871	495.9	4388.7	409	132.87	88064	109.41	85270	106.44	85040	104.73	88047	104.11	88003	102.81	89288
872	496.9	4388.7	410	128.05	88064	111.94	85270	110.06	86107	108.67	85040	108.01	88047	107.51	89288
873	497.9	4388.7	411	131.24	88064	114.53	85270	114.26	89024	113.01	88003	109.23	86107	108.82	89288
874	498.9	4388.7	412	141.46	87356	134.01	88064	122.17	89288	119.63	85007	116.04	89344	114.56	85270
875	499.9	4388.7	413	144.36	85007	139.44	88064	130.64	88003	125.80	87352	120.09	86107	118.21	85326
876	500.9	4388.7	414	134.92	88064	134.41	86107	132.43	85007	127.27	88003	117.75	85326	112.55	87352
877	501.9	4388.7	415	136.23	88064	131.30	88003	131.05	85007	114.85	85326	109.76	86107	108.94	87352
878	502.9	4388.7	416	131.98	88064	125.96	88003	123.22	85007	113.56	85326	111.26	86107	104.47	85270
879	503.9	4388.7	417	129.39	88064	122.64	88003	117.01	85007	111.07	85326	102.70	89051	102.15	85270
880	504.9	4388.7	418	121.89	88003	120.25	88064	116.19	85007	111.62	86107	109.43	85326	103.57	85270
881	505.9	4388.7	419	125.35	88003	124.60	88064	124.48	85007	113.25	85326	108.82	87352	104.03	85270
882	506.9	4388.7	420	136.11	88003	128.52	88064	126.72	85007	122.88	87352	121.52	85326	109.41	88021
883	507.9	4388.7	421	137.76	88003	124.23	87352	122.56	85007	122.02	88340	118.43	88064	115.83	85326
884	508.9	4388.7	422	122.58	88003	113.81	88064	109.34	87352	108.10	85007	107.65	85326	103.25	88340
885	509.9	4388.7	423	117.17	88003	112.01	88064	106.26	87352	105.98	86068	105.68	85007	103.19	85326
886	510.9	4388.7	424	110.51	88003	106.87	88064	106.19	86068	102.90	85007	99.78	87352	99.52	85326
887	511.9	4388.7	425	111.75	88003	104.63	85007	104.07	88064	104.01	86068	98.33	85326	96.09	87352
888	512.9	4388.7	426	106.58	88003	102.97	86068	99.47	85007	98.25	88064	96.98	85326	93.79	86107
929	482.9	4389.7	427	114.43	85040	106.00	88047	104.70	88064	97.74	88291	97.51	85270	88.89	86284
930	483.9	4389.7	428	116.92	85040	112.11	88064	107.62	88047	99.52	88291	98.88	85270	89.08	86284
931	484.9	4389.7	429	115.01	85040	106.39	88064	103.35	88047	98.37	85270	97.06	88291	86.51	86284
932	485.9	4389.7	430	114.94	85040	105.21	88064	102.83	88047	98.63	85270	95.40	88291	84.95	86284
933	486.9	4389.7	431	115.38	85040	107.57	88064	102.54	88047	99.64	85270	94.31	88291	85.82	89288
934	487.9	4389.7	432	114.62	85040	107.30	88064	101.95	88047	100.91	85270	94.41	88291	88.80	86107
935	488.9	4389.7	433	117.50	85040	112.89	88064	104.52	88047	103.33	85270	95.97	88291	90.57	89288
936	489.9	4389.7	434	120.61	85040	118.83	88064	109.04	88047	105.45	85270	97.27	88291	96.81	86107
937	490.9	4389.7	435	120.95	88064	117.22	85040	108.96	88047	105.05	85270	96.05	88291	94.63	86107
938	491.9	4389.7	436	121.15	88064	117.11	85040	108.60	88047	107.09	85270	95.87	88291	94.20	89288
939	492.9	4389.7	437	121.73	88064	118.19	85040	112.34	88047	108.95	85270	106.06	86107	96.66	88291
940	493.9	4389.7	438	126.69	88064	115.47	85040	108.23	88047	106.23	85270	98.35	88003	98.22	86107
941	494.9	4389.7	439	126.97	88064	116.03	85040	109.99	85270	107.62	88047	105.11	86107	98.83	88003
942	495.9	4389.7	440	130.70	88064	111.92	85040	109.53	85270	105.68	88047	103.10	88003	100.17	89288
943	496.9	4389.7	441	129.76	88064	115.31	85040	113.93	85270	109.42	86107	107.36	88047	104.26	89288
944	497.9	4389.7	442	133.91	88064	116.98	85270	113.45	85040	108.64	88003	108.38	86107	107.82	88047
945	498.9	4389.7	443	179.88	89024	137.83	88064	126.41	86107	124.85	87356	122.55	88004	119.40	85270
946	499.9	4389.7	444	138.13	85007	137.69	88064	133.87	88003	124.48	85326	123.78	86107	122.74	87352
947	500.9	4389.7	445	135.74	86107	135.33	88064	129.61	88003	129.50	85007	115.82	85326	114.24	87352
948	501.9	4389.7	446	136.69	88064	128.74	88003	123.49	85007	113.40	86107	111.89	85326	108.40	87352
949	502.9	4389.7	447	134.57	88064	126.11	88003	117.44	85007	112.63	85326	112.58	86107	105.63	87352
950	503.9	4389.7	448	128.31	88064	123.60	88003	112.55	85007	109.59	85326	105.10	86107	101.68	87352
951	504.9	4389.7	449	121.81	88003	120.07	88064	115.67	86107	112.71	85007	110.55	85326	104.27	87352
952	505.9	4389.7	450	130.05	88003	125.01	88064	124.46	85007	115.29	85326	112.52	87352	106.07	86107

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
953	506.9	4389.7	451	136.48	88003	124.90	87352	121.76	88340	121.74	88064	118.72	85007	117.46	87351
954	507.9	4389.7	452	124.51	88003	113.85	88064	113.40	87352	108.47	85326	105.55	86107	104.73	85007
955	508.9	4389.7	453	119.40	88003	109.75	88064	103.20	87352	102.67	85326	101.26	86068	99.67	88059
956	509.9	4389.7	454	107.94	88003	106.35	88064	101.60	86068	99.23	87352	98.53	85326	96.09	86107
957	510.9	4389.7	455	105.48	88003	105.28	88064	102.26	86068	99.47	86107	98.91	87352	96.87	85326
958	511.9	4389.7	456	115.01	88003	107.37	88064	103.06	86068	101.31	85007	99.99	87352	99.94	85326
959	512.9	4389.7	457	108.85	88003	102.63	86068	101.92	86107	99.48	88064	96.60	85007	96.31	85326
1000	482.9	4390.7	458	113.63	85040	105.02	88064	104.92	88047	100.08	85270	94.92	88291	91.17	86284
1001	483.9	4390.7	459	118.92	85040	111.94	88064	110.02	88047	101.25	85270	98.68	88291	91.39	86284
1002	484.9	4390.7	460	117.34	85040	107.46	88047	107.34	88064	98.84	85270	97.60	88291	86.87	86284
1003	485.9	4390.7	461	117.07	85040	106.31	88047	105.93	88064	101.30	85270	98.06	88291	86.34	86284
1004	486.9	4390.7	462	116.53	85040	109.58	88064	105.93	88047	101.88	85270	97.58	88291	86.38	89288
1005	487.9	4390.7	463	117.47	85040	108.56	88064	105.82	88047	101.34	85270	95.91	88291	87.82	86107
1006	488.9	4390.7	464	118.38	85040	111.49	88064	108.99	88047	103.46	85270	96.32	88291	88.87	89288
1007	489.9	4390.7	465	119.42	85040	117.86	88064	111.95	88047	105.60	85270	98.14	88291	94.51	86107
1008	490.9	4390.7	466	119.57	88064	117.02	85040	110.27	88047	105.44	85270	97.90	88291	94.48	89288
1009	491.9	4390.7	467	120.50	88064	115.26	85040	107.94	88047	106.39	85270	96.42	88291	93.95	89288
1010	492.9	4390.7	468	118.19	88064	115.49	85040	109.00	88047	107.89	85270	103.81	86107	96.85	88291
1011	493.9	4390.7	469	125.52	88064	113.75	85040	107.35	85270	106.29	88047	97.02	88003	96.09	88291
1012	494.9	4390.7	470	125.49	88064	115.71	85040	110.75	85270	107.14	88047	102.80	86107	98.70	88003
1013	495.9	4390.7	471	125.60	88064	114.30	85040	112.63	85270	107.14	88047	105.35	88003	98.83	89288
1014	496.9	4390.7	472	126.55	88064	116.04	85270	114.36	85040	109.58	88047	105.33	86107	103.79	88003
1015	497.9	4390.7	473	125.39	88064	116.75	85270	112.53	85040	110.95	88047	108.01	88003	104.81	85007
1016	498.9	4390.7	474	146.47	86339	141.85	88064	139.84	87350	136.40	85328	136.39	88059	135.05	87359
1017	499.9	4390.7	475	139.93	88064	129.74	85007	126.23	86107	125.43	88003	122.86	87352	122.40	87327
1018	500.9	4390.7	476	136.98	88064	132.57	86107	128.96	88003	127.99	85007	113.15	87352	112.02	85326
1019	501.9	4390.7	477	137.22	88064	131.35	88003	126.47	85007	111.47	85326	108.71	87352	108.27	86107
1020	502.9	4390.7	478	137.92	88064	129.77	88003	121.27	85007	113.90	85326	109.93	86107	107.34	87352
1021	503.9	4390.7	479	130.47	88064	129.61	88003	120.13	85007	112.14	85326	105.99	87352	103.44	88021
1022	504.9	4390.7	480	125.24	88003	123.09	88064	121.47	85007	114.61	85326	114.57	86107	108.23	87352
1023	505.9	4390.7	481	137.34	88003	133.02	85007	127.55	88064	121.21	87352	117.63	85326	111.13	88021
1024	506.9	4390.7	482	136.07	88003	124.19	87352	119.78	85007	117.71	88064	115.22	88340	112.71	85326
1025	507.9	4390.7	483	121.74	88003	111.32	88064	108.07	87352	106.52	85007	104.88	85326	102.34	86068
1026	508.9	4390.7	484	117.38	88003	108.85	88064	103.69	85007	102.03	87352	101.87	86068	101.42	85326
1027	509.9	4390.7	485	110.53	88003	105.54	88064	102.15	86068	99.01	87352	97.45	85326	97.41	85007
1028	510.9	4390.7	486	106.02	88064	105.09	88003	102.20	87352	101.94	86068	100.30	85007	97.69	85326
1029	511.9	4390.7	487	117.29	88003	106.27	88064	105.94	86068	102.63	85007	102.63	87352	100.51	88340
1030	512.9	4390.7	488	107.32	88003	103.29	86068	100.10	88064	95.15	86107	93.99	85007	92.78	87352
1071	482.9	4391.7	489	114.57	85040	108.70	88047	107.90	88064	102.24	85270	92.99	88291	90.57	86284
1072	483.9	4391.7	490	116.77	85040	113.09	88064	110.80	88047	104.51	85270	96.18	88291	91.04	86284
1073	484.9	4391.7	491	115.59	85040	109.41	88064	107.81	88047	101.30	85270	96.59	88291	90.41	86284
1074	485.9	4391.7	492	116.31	85040	108.68	88047	107.77	88064	103.90	85270	99.43	88291	88.74	86284
1075	486.9	4391.7	493	116.27	85040	111.03	88064	110.84	88047	103.52	85270	98.53	88291	88.04	86284
1076	487.9	4391.7	494	114.99	85040	112.52	88064	111.75	88047	103.49	85270	98.35	88291	88.99	86107
1077	488.9	4391.7	495	116.97	85040	113.62	88064	112.73	88047	106.38	85270	98.96	88291	90.14	89288
1078	489.9	4391.7	496	117.76	85040	113.80	88064	112.66	88047	105.63	85270	97.92	88291	94.18	86107
1079	490.9	4391.7	497	119.13	88064	116.41	85040	110.88	88047	105.19	85270	99.69	88291	92.82	89288
1080	491.9	4391.7	498	120.44	88064	116.95	85040	109.01	88047	106.65	85270	100.17	88291	93.78	89288
1081	492.9	4391.7	499	118.56	85040	117.64	88064	110.54	88047	109.55	85270	104.04	86107	99.60	88291
1082	493.9	4391.7	500	125.07	88064	115.40	85040	109.30	85270	108.60	88047	98.54	88003	97.00	89024
1083	494.9	4391.7	501	125.28	88064	114.84	85040	110.88	88047	109.94	85270	103.60	86107	98.39	88004

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1084	495.9	4391.7	502	126.06	88064	116.06	85040	111.33	85270	110.88	88047	104.79	88003	99.87	87352
1085	496.9	4391.7	503	127.65	88064	117.58	85040	113.79	88047	111.59	85270	108.68	88003	105.10	88059
1086	497.9	4391.7	504	127.46	88064	117.35	85270	116.43	85040	110.85	88047	109.76	88003	106.18	85007
1087	498.9	4391.7	505	134.83	88064	124.84	88059	124.83	88003	124.38	85040	118.81	87352	116.47	85270
1088	499.9	4391.7	506	135.06	88064	128.54	87314	125.51	87352	120.49	85007	118.01	87350	117.64	88003
1089	500.9	4391.7	507	139.02	88064	132.42	86107	131.11	88003	128.82	85007	121.29	87327	115.92	87352
1090	501.9	4391.7	508	137.67	88064	133.39	88003	128.58	85007	112.54	85326	112.24	87327	111.51	87352
1091	502.9	4391.7	509	141.78	88064	132.54	88003	124.39	85007	115.35	85326	113.87	87352	111.57	86107
1092	503.9	4391.7	510	137.12	88003	135.85	88064	126.42	85007	115.31	85326	114.22	87352	109.37	88021
1093	504.9	4391.7	511	135.83	88003	134.29	85007	131.08	88064	120.77	86107	119.85	87352	118.36	85326
1094	505.9	4391.7	512	148.73	88003	137.95	85007	132.37	87352	126.89	88064	126.65	88340	124.42	87351
1095	506.9	4391.7	513	127.68	88003	117.52	87352	115.06	88064	111.82	85007	107.17	85326	105.63	86107
1096	507.9	4391.7	514	123.96	88003	110.52	88064	107.78	87352	105.51	85007	103.52	85326	100.88	86068
1097	508.9	4391.7	515	115.28	88003	104.79	88064	100.67	86068	99.69	87352	99.09	88059	98.70	85326
1098	509.9	4391.7	516	104.92	88003	103.66	88064	99.90	86068	97.05	87352	94.54	85326	94.13	88059
1099	510.9	4391.7	517	105.97	88003	102.53	88064	101.29	86068	100.70	87352	97.05	85326	94.05	85007
1100	511.9	4391.7	518	107.22	88003	103.22	86068	100.93	88064	97.18	87352	95.86	86329	93.50	85326
1101	512.9	4391.7	519	101.48	88003	99.23	86068	98.82	88064	95.72	86107	90.07	85007	89.63	87352
1142	482.9	4392.7	520	120.58	85040	108.54	88064	108.49	88047	103.67	85270	93.07	88291	89.93	86284
1143	483.9	4392.7	521	119.62	85040	112.10	88064	109.17	88047	106.57	85270	93.68	88291	89.38	88016
1144	484.9	4392.7	522	115.49	85040	109.78	88064	107.05	88047	103.89	85270	93.61	88291	88.36	88016
1145	485.9	4392.7	523	117.09	85040	109.91	88047	108.95	88064	104.23	85270	96.42	88291	87.63	86284
1146	486.9	4392.7	524	118.10	85040	113.25	88064	112.10	88047	105.00	85270	98.76	88291	89.84	88016
1147	487.9	4392.7	525	119.22	85040	114.65	88064	114.05	88047	105.04	85270	99.19	88291	89.88	86107
1148	488.9	4392.7	526	121.15	85040	115.63	88047	115.15	88064	107.32	85270	100.49	88291	95.16	87314
1149	489.9	4392.7	527	119.69	85040	115.21	88064	112.98	88047	107.04	85270	100.63	88291	95.65	86107
1150	490.9	4392.7	528	119.98	85040	118.46	88064	111.70	88047	106.77	85270	100.22	88291	93.27	86107
1151	491.9	4392.7	529	118.41	85040	118.23	88064	110.93	88047	106.88	85270	100.40	88291	93.82	86107
1152	492.9	4392.7	530	118.27	88064	117.87	85040	112.89	88047	108.44	85270	104.94	86107	99.40	88291
1153	493.9	4392.7	531	123.99	88064	116.12	85040	111.01	88047	106.72	85270	99.03	88003	96.44	88291
1154	494.9	4392.7	532	126.66	88064	117.36	85040	113.22	88047	106.67	85270	103.69	86107	99.56	88004
1155	495.9	4392.7	533	125.17	88064	116.71	85040	111.47	88047	109.23	85270	105.73	88003	102.09	88004
1156	496.9	4392.7	534	128.82	88064	120.46	85040	114.40	85270	111.81	88047	107.11	88003	105.23	86107
1157	497.9	4392.7	535	128.24	88064	113.45	85270	112.74	85040	111.72	88003	110.66	88047	105.06	87352
1158	498.9	4392.7	536	125.41	88064	115.52	88059	113.07	88003	113.00	85040	111.39	88047	109.15	85270
1159	499.9	4392.7	537	135.54	88064	120.76	87352	116.14	89288	114.99	85007	114.49	85270	114.22	88003
1160	500.9	4392.7	538	138.04	88064	131.20	85007	130.00	86107	128.71	88003	120.46	87352	117.27	87350
1161	501.9	4392.7	539	139.26	88064	137.16	88003	131.93	85007	122.42	87327	116.85	87352	114.82	87350
1162	502.9	4392.7	540	143.28	88064	136.84	88003	126.46	85007	119.51	87327	119.24	87352	118.98	85326
1163	503.9	4392.7	541	138.00	88003	134.39	88064	122.85	85007	116.91	87352	114.15	85326	112.62	87350
1164	504.9	4392.7	542	137.22	88003	130.98	88064	124.92	85007	123.23	87352	120.48	86107	118.81	87351
1165	505.9	4392.7	543	142.89	88003	130.23	87352	127.84	85007	123.31	88064	121.78	87351	111.38	88340
1166	506.9	4392.7	544	120.03	88003	111.90	88064	110.00	87352	103.84	85007	103.82	85326	103.23	86107
1167	507.9	4392.7	545	120.80	88003	109.42	88064	103.95	87352	101.04	85007	100.40	85326	100.35	86107
1168	508.9	4392.7	546	111.80	88003	103.96	88064	100.51	86068	98.45	87352	96.55	85326	96.05	88059
1169	509.9	4392.7	547	104.63	88003	102.32	88064	102.21	86068	96.51	87352	95.54	85326	91.97	88059
1170	510.9	4392.7	548	102.57	88003	101.42	86068	99.77	88064	96.72	87352	94.04	85326	93.32	86107
1171	511.9	4392.7	549	106.39	88003	101.76	86068	97.61	88064	95.26	87352	91.97	86329	91.14	85326
1172	512.9	4392.7	550	98.90	88003	98.28	86068	97.87	88064	95.84	86107	90.00	85326	89.61	87352
1213	482.9	4393.7	551	118.68	85040	109.08	88047	108.88	88064	104.52	85270	91.94	85007	91.65	88016
1214	483.9	4393.7	552	119.78	85040	111.81	88047	108.16	88064	104.40	85270	91.91	88291	89.09	88016

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1215	484.9	4393.7	553	117.05	85040	111.06	88047	107.06	88064	104.33	85270	91.14	88291	87.33	85070
1216	485.9	4393.7	554	114.98	85040	110.96	88047	108.64	88064	104.78	85270	92.41	88291	88.14	85070
1217	486.9	4393.7	555	116.90	85040	115.00	88064	113.80	88047	107.77	85270	96.15	88291	89.79	85070
1218	487.9	4393.7	556	117.04	85040	116.95	88064	112.82	88047	107.91	85270	97.54	88291	90.60	86107
1219	488.9	4393.7	557	119.31	85040	117.44	88064	114.93	88047	107.57	85270	99.58	88291	91.55	85070
1220	489.9	4393.7	558	119.21	85040	118.01	88064	114.93	88047	106.73	85270	100.34	88291	94.61	86107
1221	490.9	4393.7	559	119.35	88064	119.08	85040	114.85	88047	106.20	85270	101.25	88291	93.56	88016
1222	491.9	4393.7	560	117.37	85040	117.24	88064	114.56	88047	107.04	85270	100.65	88291	94.63	88016
1223	492.9	4393.7	561	120.05	88064	117.42	85040	116.69	88047	108.63	85270	103.79	86107	100.68	88291
1224	493.9	4393.7	562	126.54	88064	116.42	85040	114.38	88047	107.06	85270	104.20	88003	99.45	87350
1225	494.9	4393.7	563	125.90	88064	118.60	85040	112.34	88047	107.83	85270	102.48	86107	100.84	88003
1226	495.9	4393.7	564	126.27	88064	117.27	85040	111.26	85270	110.19	88047	106.14	88003	99.99	87350
1227	496.9	4393.7	565	128.66	88064	115.17	85040	115.04	85270	112.61	88047	104.50	86107	103.78	88003
1228	497.9	4393.7	566	126.65	88064	112.57	88047	112.06	85040	111.06	88003	109.01	85270	106.15	87352
1229	498.9	4393.7	567	124.87	88064	117.25	88059	115.13	85040	113.66	88003	111.80	88047	109.91	85270
1230	499.9	4393.7	568	133.91	88064	118.89	87352	117.35	88003	117.00	85007	115.32	87356	115.21	88047
1231	500.9	4393.7	569	137.99	88064	131.84	85007	130.58	86107	128.54	87350	128.18	88003	122.74	87352
1232	501.9	4393.7	570	144.33	88003	137.79	85007	136.35	88064	125.99	87352	121.71	87350	120.58	87327
1233	502.9	4393.7	571	140.11	88064	127.59	88003	115.32	87327	112.31	85007	111.92	86107	111.25	85326
1234	503.9	4393.7	572	131.82	88003	128.02	88064	113.19	85007	113.15	87352	108.37	85326	105.47	87327
1235	504.9	4393.7	573	131.34	88003	126.00	88064	119.88	87352	117.21	85007	116.58	86107	114.22	87351
1236	505.9	4393.7	574	136.49	88003	125.14	87352	123.11	85007	121.85	88064	112.04	87351	106.80	88340
1237	506.9	4393.7	575	120.81	88003	111.46	88064	105.31	87352	102.42	85007	101.67	85326	100.94	86107
1238	507.9	4393.7	576	118.59	88003	108.54	88064	103.16	85007	103.08	87352	100.77	86068	99.08	86107
1239	508.9	4393.7	577	113.24	88003	104.91	88064	104.57	86068	100.89	87352	98.34	85326	98.12	88059
1240	509.9	4393.7	578	103.03	88003	102.45	86068	101.94	88064	94.56	87352	93.88	85326	91.25	86107
1241	510.9	4393.7	579	101.12	86068	100.88	88003	98.37	88064	97.24	87352	93.74	85326	91.72	86107
1242	511.9	4393.7	580	106.62	88003	101.37	86068	98.87	88064	96.35	87352	93.08	86329	91.74	85326
1243	512.9	4393.7	581	99.83	88003	98.36	86068	96.94	88064	93.73	86107	91.85	87352	89.99	85326
1284	482.9	4394.7	582	122.92	85040	116.97	88047	110.85	88064	107.38	85270	95.13	88016	94.75	85007
1285	483.9	4394.7	583	116.50	85040	110.80	88047	107.65	88064	106.56	85270	90.08	88016	88.49	85007
1286	484.9	4394.7	584	115.67	85040	111.03	88047	106.39	85270	104.59	88064	90.15	88291	88.26	85070
1287	485.9	4394.7	585	117.79	85040	113.24	88047	108.44	88064	105.33	85270	91.66	88291	89.70	85070
1288	486.9	4394.7	586	118.26	85040	115.56	88047	114.33	88064	107.82	85270	93.66	88291	92.34	85070
1289	487.9	4394.7	587	118.70	88064	118.67	85040	116.09	88047	109.44	85270	95.52	88291	93.36	88016
1290	488.9	4394.7	588	118.48	88064	117.45	85040	115.60	88047	108.50	85270	96.75	88291	93.26	88016
1291	489.9	4394.7	589	119.58	88064	118.50	88047	117.51	85040	109.47	85270	100.83	88291	95.80	88059
1292	490.9	4394.7	590	122.17	88064	119.04	88047	118.55	85040	107.98	85270	101.46	88291	97.01	88016
1293	491.9	4394.7	591	120.31	88064	119.42	88047	118.07	85040	106.89	85270	101.65	88291	97.64	88016
1294	492.9	4394.7	592	122.41	88064	121.94	85040	120.92	88047	109.51	85270	105.58	87314	104.57	85328
1295	493.9	4394.7	593	126.90	88064	118.08	85040	116.07	88047	108.30	85270	106.88	88003	101.74	87350
1296	494.9	4394.7	594	126.28	88064	118.61	85040	115.19	88047	110.11	85270	100.73	86107	100.47	88291
1297	495.9	4394.7	595	126.86	88064	113.90	85040	113.64	88047	111.49	85270	104.06	88003	102.00	89024
1298	496.9	4394.7	596	127.49	88064	114.97	88047	114.33	85040	111.50	85270	104.80	88003	104.56	86107
1299	497.9	4394.7	597	124.99	88064	115.48	85040	112.78	88047	109.62	88003	108.63	85270	106.75	88059
1300	498.9	4394.7	598	126.04	88064	119.09	88059	115.09	88047	113.39	85040	111.72	88003	109.66	85270
1301	499.9	4394.7	599	131.86	88064	126.40	87356	122.89	88047	120.93	88059	119.94	87314	119.45	88003
1302	500.9	4394.7	600	136.76	88064	134.51	88003	130.49	85007	129.44	87352	127.36	86107	123.76	87350
1303	501.9	4394.7	601	133.21	88003	132.69	88064	128.61	85007	124.90	87352	116.97	87350	112.54	85326
1304	502.9	4394.7	602	135.63	88064	125.12	88003	118.69	85007	110.56	87352	109.95	85326	107.43	86107
1305	503.9	4394.7	603	131.81	88003	126.39	88064	114.15	85007	113.26	87352	107.83	87327	104.72	85326

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1306	504.9	4394.7	604	129.74	88003	125.18	88064	120.98	87352	118.86	85007	113.78	87351	113.32	86107
1307	505.9	4394.7	605	136.29	88003	123.61	87352	122.50	85007	121.32	88064	108.21	87351	107.87	88340
1308	506.9	4394.7	606	119.86	88003	112.72	88064	105.14	87352	104.80	85007	100.56	86068	100.56	86107
1309	507.9	4394.7	607	120.63	88003	107.72	88064	103.38	86068	103.03	87352	100.85	88059	100.35	85007
1310	508.9	4394.7	608	108.35	88003	103.08	86068	102.97	88064	97.60	88059	97.10	87352	94.99	85326
1311	509.9	4394.7	609	102.82	86068	102.70	88003	101.51	88064	93.75	87352	92.21	85326	91.73	88059
1312	510.9	4394.7	610	103.99	88003	101.49	86068	97.33	88064	96.86	87352	93.54	88340	92.90	85326
1313	511.9	4394.7	611	102.48	88003	99.01	86068	97.10	88064	97.04	87352	90.75	86346	90.06	86329
1314	512.9	4394.7	612	97.05	88064	96.91	88003	96.36	86068	93.00	86107	90.23	87352	88.53	85326
1355	482.9	4395.7	613	127.35	85040	124.09	88047	108.36	88064	106.96	85270	97.60	88016	96.18	87314
1356	483.9	4395.7	614	123.22	85040	114.08	88047	106.79	88064	106.08	85270	93.47	88016	90.50	85007
1357	484.9	4395.7	615	120.67	85040	112.63	88047	106.53	85270	104.20	88064	93.16	88016	91.14	85070
1358	485.9	4395.7	616	118.29	85040	111.99	88047	108.52	88064	107.82	85270	94.72	88016	92.26	85070
1359	486.9	4395.7	617	121.84	85040	117.58	88047	113.99	88064	109.86	85270	97.24	88016	95.03	88291
1360	487.9	4395.7	618	123.63	88047	123.04	85040	118.90	88064	111.19	85270	101.15	88016	99.73	87314
1361	488.9	4395.7	619	119.52	88047	118.67	88064	118.37	85040	109.00	85270	98.66	88016	95.85	88291
1362	489.9	4395.7	620	121.53	88047	120.30	85040	117.58	88064	108.79	85270	98.88	88291	98.50	88059
1363	490.9	4395.7	621	123.50	88064	122.12	88047	120.48	85040	107.26	85270	100.73	88291	97.67	88059
1364	491.9	4395.7	622	120.83	85040	120.62	88064	119.63	88047	107.16	85270	101.02	88291	97.88	88059
1365	492.9	4395.7	623	123.66	85040	123.47	88047	121.71	88064	110.76	85270	105.98	88059	102.89	88291
1366	493.9	4395.7	624	126.55	88064	119.70	88047	117.36	85040	110.10	85270	101.57	88003	99.91	87314
1367	494.9	4395.7	625	127.77	88064	120.59	88047	116.18	85040	113.03	85270	102.47	86107	101.66	88291
1368	495.9	4395.7	626	128.94	88064	119.05	88047	114.75	85040	109.04	85270	107.87	88003	102.57	87350
1369	496.9	4395.7	627	126.15	88064	119.17	88047	116.04	85040	109.13	85270	107.82	89024	107.01	86107
1370	497.9	4395.7	628	126.68	88064	120.30	88047	116.01	85040	112.94	88003	112.24	88059	108.86	85270
1371	498.9	4395.7	629	128.79	88064	123.67	88047	121.76	88059	120.56	85007	117.65	85040	114.40	88003
1372	499.9	4395.7	630	132.32	88064	127.21	88047	126.87	88003	125.91	88059	121.22	87356	120.55	85007
1373	500.9	4395.7	631	136.24	88064	131.87	88003	131.25	86107	129.00	85007	127.48	87352	118.72	88059
1374	501.9	4395.7	632	133.82	85007	133.32	88003	131.57	88064	125.17	87352	119.76	87350	116.49	85326
1375	502.9	4395.7	633	137.05	88064	128.22	88003	123.62	85007	119.46	87352	111.09	85326	109.31	87327
1376	503.9	4395.7	634	133.84	88003	125.59	88064	123.62	85007	119.83	87352	105.60	85326	104.46	88021
1377	504.9	4395.7	635	133.56	88003	125.93	87352	124.96	85007	123.30	88064	118.58	87351	111.34	88021
1378	505.9	4395.7	636	130.06	88003	117.69	88064	116.55	87352	112.32	85007	108.49	87351	104.27	86068
1379	506.9	4395.7	637	115.51	88003	112.55	88064	102.54	86107	102.03	86068	100.55	87352	99.40	88059
1380	507.9	4395.7	638	118.51	88003	108.65	86068	108.61	88064	103.14	87352	101.51	85007	100.15	86107
1381	508.9	4395.7	639	112.58	88003	107.44	86068	102.07	88064	98.01	87352	96.47	88059	93.46	85326
1382	509.9	4395.7	640	102.40	86068	101.40	88003	99.13	88064	91.85	88059	91.30	87352	90.90	88340
1383	510.9	4395.7	641	101.47	88003	98.65	86068	97.56	88064	93.80	87352	92.72	88059	90.27	86107
1384	511.9	4395.7	642	101.41	88003	99.29	86068	97.23	87352	96.71	88064	90.63	85007	90.54	86346
1385	512.9	4395.7	643	100.19	86068	96.72	88064	96.22	88003	93.31	87352	93.28	86107	90.58	85007
1426	482.9	4396.7	644	126.63	88047	124.66	85040	104.14	85270	103.37	88064	97.49	87314	96.98	88016
1427	483.9	4396.7	645	125.42	88047	124.65	85040	106.92	88064	106.19	85270	100.99	87314	99.35	85328
1428	484.9	4396.7	646	123.68	85040	123.12	88047	107.39	88064	106.12	85270	97.79	85328	96.86	88016
1429	485.9	4396.7	647	123.21	85040	122.33	88047	109.03	88064	107.57	85270	97.94	88016	96.90	85328
1430	486.9	4396.7	648	125.73	88047	123.41	85040	111.36	88064	109.15	85270	102.04	88016	100.64	85328
1431	487.9	4396.7	649	131.83	88047	126.82	85040	118.01	88064	112.45	85270	110.64	85328	108.94	88016
1432	488.9	4396.7	650	130.14	88047	124.73	85040	121.09	88064	110.63	85270	110.26	85328	104.09	88016
1433	489.9	4396.7	651	128.83	88047	124.02	85040	119.82	88064	114.92	85270	113.56	85328	105.87	87314
1434	490.9	4396.7	652	127.60	88047	124.83	88064	123.01	85040	112.20	85270	106.44	88003	105.70	85328
1435	491.9	4396.7	653	125.51	88047	120.98	85040	120.87	88064	110.83	85270	100.03	85328	98.93	88291
1436	492.9	4396.7	654	131.23	88047	124.13	88064	123.06	85040	113.77	85270	107.49	87314	105.63	85328

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1437	493.9	4396.7	655	130.50	88064	127.81	88047	120.14	85040	113.47	85270	108.73	88003	107.08	85007
1438	494.9	4396.7	656	131.67	88064	127.08	88047	121.64	85040	115.16	85270	109.46	87314	108.01	87350
1439	495.9	4396.7	657	133.01	88064	126.67	88047	119.96	85040	114.43	88003	112.99	87314	111.10	85270
1440	496.9	4396.7	658	129.92	88047	129.05	88064	121.40	85040	113.18	88003	111.39	87352	111.08	85270
1441	497.9	4396.7	659	131.78	88064	126.71	88047	121.90	88059	119.50	85040	118.39	88003	115.58	85007
1442	498.9	4396.7	660	132.89	88064	130.01	85007	129.41	88059	124.68	88003	124.53	88047	123.74	85040
1443	499.9	4396.7	661	128.92	88064	128.17	88003	124.84	88059	123.11	88047	120.05	87352	118.77	85007
1444	500.9	4396.7	662	138.25	88064	130.66	86107	129.80	85007	129.67	88003	126.69	87352	124.86	88059
1445	501.9	4396.7	663	139.32	88003	135.38	85007	132.50	88064	127.99	87352	119.73	87350	118.48	87327
1446	502.9	4396.7	664	133.47	88064	128.01	88003	121.79	87352	120.34	85007	113.24	88047	112.06	87327
1447	503.9	4396.7	665	136.13	88003	125.12	88064	124.46	87352	123.64	85007	116.49	87351	112.19	88047
1448	504.9	4396.7	666	126.55	88003	124.00	87352	122.79	85007	120.81	88064	113.10	87351	109.72	86107
1449	505.9	4396.7	667	128.98	88003	116.95	88064	114.36	85007	112.17	87352	103.25	86068	99.87	85326
1450	506.9	4396.7	668	115.34	88003	110.40	88064	102.42	86068	101.32	85007	100.81	87352	100.16	86107
1451	507.9	4396.7	669	116.98	88003	107.54	88064	104.71	86068	102.39	87352	102.03	88059	99.30	86107
1452	508.9	4396.7	670	109.92	88003	102.21	88064	101.15	86068	95.34	88059	94.54	87352	93.70	86107
1453	509.9	4396.7	671	103.98	88003	98.65	88064	96.34	86068	92.35	86107	91.93	87352	89.43	85326
1454	510.9	4396.7	672	102.30	88003	97.69	88064	96.04	86068	94.56	87352	94.27	88059	92.62	85007
1455	511.9	4396.7	673	102.90	88003	98.34	87352	98.32	86068	97.35	88064	93.33	85007	90.74	86346
1456	512.9	4396.7	674	99.47	88003	96.50	88064	96.13	87352	95.40	86068	94.84	86107	92.01	85007
1497	482.9	4397.7	675	129.85	85040	119.52	88047	102.23	85270	101.21	88064	100.22	85070	99.73	88016
1498	483.9	4397.7	676	133.66	85040	123.52	88047	104.59	85270	103.36	88016	103.24	85070	102.90	88064
1499	484.9	4397.7	677	132.38	85040	124.83	88047	106.15	85270	104.93	88064	104.63	87314	104.34	88016
1500	485.9	4397.7	678	130.82	85040	123.45	88047	108.84	88064	105.67	85270	103.89	88016	102.09	85070
1501	486.9	4397.7	679	128.42	85040	122.64	88047	108.93	88064	106.22	85270	104.16	88016	102.06	85070
1502	487.9	4397.7	680	126.05	85040	123.44	88047	108.78	88064	107.33	85270	105.84	88059	105.07	88016
1503	488.9	4397.7	681	124.04	88047	122.96	85040	111.16	88064	107.48	85270	106.65	88059	105.33	88016
1504	489.9	4397.7	682	130.02	88047	126.99	85040	114.61	88064	113.35	88059	110.23	85270	105.04	85070
1505	490.9	4397.7	683	127.37	88047	121.32	85040	119.45	88064	108.94	85270	108.55	88059	103.42	89014
1506	491.9	4397.7	684	126.31	88047	118.11	85040	117.14	88064	109.70	85270	107.94	88059	101.38	89014
1507	492.9	4397.7	685	130.12	88047	121.30	88064	121.19	85040	116.57	88059	112.33	85270	104.75	87270
1508	493.9	4397.7	686	129.18	88047	125.91	88064	116.84	85040	111.84	88059	109.41	85270	105.06	88003
1509	494.9	4397.7	687	131.27	88047	125.30	88064	118.98	85040	113.82	88059	109.02	85270	105.87	88003
1510	495.9	4397.7	688	131.89	88047	125.63	88064	118.93	85040	112.35	88059	109.61	88003	106.98	87352
1511	496.9	4397.7	689	129.05	88047	127.99	88064	121.24	85040	119.08	88059	110.00	86107	109.33	88003
1512	497.9	4397.7	690	130.06	88064	129.20	88047	125.77	88059	119.24	85040	118.05	87314	115.37	86107
1513	498.9	4397.7	691	131.33	88064	129.57	88059	126.55	88003	125.03	88047	119.13	85040	118.38	87352
1514	499.9	4397.7	692	126.74	88059	125.84	88064	125.22	88047	121.19	88003	119.76	86107	115.54	85040
1515	500.9	4397.7	693	139.16	88064	135.87	86107	131.79	88003	129.29	88059	129.14	88047	126.11	85007
1516	501.9	4397.7	694	136.75	88003	135.83	85007	131.77	88064	131.70	87352	118.87	88047	118.03	87327
1517	502.9	4397.7	695	134.15	88003	130.53	88064	125.33	87352	121.82	85007	112.82	85326	112.40	87327
1518	503.9	4397.7	696	131.90	88003	125.54	87352	122.19	88064	119.95	85007	112.80	87351	108.46	88047
1519	504.9	4397.7	697	126.75	88003	126.44	87352	124.25	85007	121.31	88064	116.23	86107	107.81	87351
1520	505.9	4397.7	698	132.91	88003	121.96	85007	118.53	88064	117.21	87352	106.89	86068	106.35	88340
1521	506.9	4397.7	699	117.28	88003	109.83	88064	105.99	86107	103.29	86068	101.41	87352	99.52	85007
1522	507.9	4397.7	700	114.67	88003	106.38	88064	105.72	86107	103.39	86068	101.06	87352	99.19	88059
1523	508.9	4397.7	701	112.28	88003	103.43	88064	101.75	86107	100.68	86068	95.97	88059	95.03	87352
1524	509.9	4397.7	702	107.84	88003	100.73	88064	100.23	86107	98.97	86068	95.40	87352	93.84	88059
1525	510.9	4397.7	703	104.16	88003	98.97	86107	98.20	86068	97.47	88064	97.29	88059	95.05	87352
1526	511.9	4397.7	704	101.42	88003	98.66	86068	97.96	87352	97.57	88064	97.05	86107	91.15	86329
1527	512.9	4397.7	705	102.84	86107	98.68	88003	97.00	87352	96.35	86068	94.06	88064	90.15	86329

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1568	482.9	4398.7	706	122.21	85040	121.85	88047	102.60	85070	99.78	85270	98.04	88064	96.14	88016
1569	483.9	4398.7	707	124.72	88047	122.74	85040	102.43	85070	101.11	85270	98.86	88064	96.98	88016
1570	484.9	4398.7	708	127.69	88047	121.51	85040	104.45	85070	103.51	88016	101.26	85270	101.13	88064
1571	485.9	4398.7	709	125.42	88047	120.08	85040	107.94	88064	103.96	85328	103.94	85270	103.25	88016
1572	486.9	4398.7	710	123.02	88047	118.65	85040	105.94	88064	103.03	85270	101.57	85070	97.97	88059
1573	487.9	4398.7	711	125.87	88047	119.01	85040	103.23	88064	102.62	85270	100.42	85070	97.71	88059
1574	488.9	4398.7	712	127.29	88047	121.44	85040	107.46	88064	104.09	85270	103.13	88059	99.34	85070
1575	489.9	4398.7	713	127.74	88047	118.13	85040	110.49	88064	106.95	88059	106.28	85270	99.96	88016
1576	490.9	4398.7	714	123.98	88047	114.82	85040	114.20	88064	106.71	85270	104.58	88059	99.67	88016
1577	491.9	4398.7	715	123.57	88047	116.43	85040	113.28	88064	108.70	85270	103.90	88059	99.02	85070
1578	492.9	4398.7	716	128.30	88047	119.90	88064	116.43	85040	111.38	85270	109.24	88059	100.17	85070
1579	493.9	4398.7	717	130.40	88047	126.15	88064	114.94	85040	109.20	85270	107.43	88059	106.12	88003
1580	494.9	4398.7	718	132.00	88047	123.07	88064	115.50	85040	108.95	88003	108.69	85270	107.93	88059
1581	495.9	4398.7	719	127.27	88047	123.50	88064	116.28	85040	110.90	88003	108.15	85270	107.25	87352
1582	496.9	4398.7	720	127.66	88047	124.93	88064	118.51	85040	114.48	88059	109.13	85270	108.95	88003
1583	497.9	4398.7	721	130.18	88064	129.31	88047	124.68	88059	122.22	85040	116.82	88003	115.89	87314
1584	498.9	4398.7	722	130.09	88064	127.27	88059	125.95	88003	122.30	88047	118.55	87352	118.36	85040
1585	499.9	4398.7	723	129.94	88059	129.62	88064	124.13	88047	123.59	88003	118.23	87314	117.50	87356
1586	500.9	4398.7	724	142.16	88064	141.16	88003	134.54	88059	131.27	87352	129.71	85007	127.58	87314
1587	501.9	4398.7	725	143.16	88003	138.65	88064	137.50	85007	133.31	87352	130.26	87350	126.08	87314
1588	502.9	4398.7	726	142.80	88003	133.83	87352	132.44	88064	126.18	85007	121.75	87351	119.27	87327
1589	503.9	4398.7	727	139.63	88003	130.12	87352	126.87	85007	122.85	88064	116.46	87351	113.14	88047
1590	504.9	4398.7	728	132.52	88003	129.72	87352	121.99	85007	120.05	88064	118.83	87351	116.41	88059
1591	505.9	4398.7	729	129.63	88003	117.48	88064	116.75	85007	115.15	87352	105.83	86346	104.89	86329
1592	506.9	4398.7	730	117.62	88003	109.42	88064	101.91	86068	101.90	87352	101.43	88059	100.36	85007
1593	507.9	4398.7	731	118.91	88003	107.78	88064	103.85	86068	103.83	88340	103.75	88059	102.07	87352
1594	508.9	4398.7	732	114.65	88003	104.99	88064	101.46	86068	99.33	88059	98.64	87352	95.66	85007
1595	509.9	4398.7	733	111.31	88003	102.67	88064	99.25	86068	97.70	87352	96.35	88059	95.77	86107
1596	510.9	4398.7	734	105.84	88003	99.25	86068	99.13	88064	98.80	88059	95.57	87352	93.80	86107
1597	511.9	4398.7	735	103.27	88003	98.63	86068	98.15	87352	97.88	88064	94.78	86107	90.82	85007
1598	512.9	4398.7	736	100.27	88003	99.27	86068	98.74	87352	97.15	86107	93.79	88064	92.92	85007
1639	482.9	4399.7	737	120.35	85040	118.32	88047	101.47	85070	97.64	85270	97.26	88016	95.73	88064
1640	483.9	4399.7	738	121.58	85040	119.63	88047	103.33	88016	102.72	85070	97.02	85270	93.67	88059
1641	484.9	4399.7	739	121.90	88047	120.57	85040	103.41	85070	98.10	88016	96.30	85270	94.66	88064
1642	485.9	4399.7	740	130.58	88047	124.66	85040	105.44	85070	103.52	88059	102.31	88064	100.56	88016
1643	486.9	4399.7	741	125.89	88047	123.50	85040	107.78	88064	104.30	88059	102.46	85270	102.40	85070
1644	487.9	4399.7	742	121.35	85040	120.86	88047	104.20	88064	102.00	85070	101.76	88059	101.50	85270
1645	488.9	4399.7	743	121.65	85040	120.22	88047	106.51	88059	104.30	88064	103.02	85270	102.99	85070
1646	489.9	4399.7	744	120.84	85040	120.18	88047	110.46	88059	105.99	88064	105.78	85270	102.98	85070
1647	490.9	4399.7	745	119.56	88047	117.66	85040	111.80	88064	106.16	88059	105.06	85270	102.25	85070
1648	491.9	4399.7	746	122.24	88047	115.55	85040	110.65	88064	106.71	88059	106.21	85270	101.44	85070
1649	492.9	4399.7	747	125.58	88047	119.68	85040	115.61	88064	114.42	88059	108.81	85270	105.83	87314
1650	493.9	4399.7	748	123.72	88047	122.97	88064	121.49	85040	117.23	88059	111.10	85270	107.67	88003
1651	494.9	4399.7	749	121.44	88047	121.20	88064	116.44	85040	112.08	88059	108.22	85270	104.89	88016
1652	495.9	4399.7	750	121.06	88064	120.23	88047	116.17	85040	111.00	88059	109.22	88003	106.71	87352
1653	496.9	4399.7	751	122.69	88064	121.27	88047	120.31	88059	117.77	85040	109.32	85270	109.30	87270
1654	497.9	4399.7	752	126.98	88064	125.51	88047	122.94	88059	119.34	85040	116.03	87314	113.58	88003
1655	498.9	4399.7	753	128.77	88064	127.48	88059	120.68	88047	118.45	85040	118.07	87352	117.33	88003
1656	499.9	4399.7	754	136.20	88059	130.27	88064	126.35	88003	120.26	88047	120.03	87352	119.38	87314
1657	500.9	4399.7	755	140.60	88059	140.29	88003	136.56	88064	132.13	87352	125.93	86107	125.48	85007
1658	501.9	4399.7	756	135.82	88064	134.89	88003	128.84	87352	126.09	88059	124.67	87333	124.67	87351

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1659	502.9	4399.7	757	133.68	88003	128.22	87352	125.57	88064	124.58	87351	119.16	88059	114.83	88047
1660	503.9	4399.7	758	130.81	88003	123.71	87352	118.77	87351	118.61	88064	112.57	85007	108.79	88059
1661	504.9	4399.7	759	125.58	88003	116.95	87352	112.69	88059	112.23	88064	107.77	87351	102.61	88047
1662	505.9	4399.7	760	120.96	88003	112.24	88064	110.03	87352	105.26	85007	101.12	88059	101.09	86329
1663	506.9	4399.7	761	116.26	88003	106.46	88064	104.45	88059	98.88	88340	98.71	86068	98.15	87352
1664	507.9	4399.7	762	116.05	88003	106.56	88059	106.44	88064	99.37	86107	99.17	87352	96.97	86068
1665	508.9	4399.7	763	113.49	88003	103.86	88064	102.08	88059	97.53	87352	96.55	86068	95.43	86107
1666	509.9	4399.7	764	108.11	88003	100.82	88064	98.66	88059	96.98	86107	94.27	87352	93.33	86068
1667	510.9	4399.7	765	104.53	88003	100.12	88059	98.32	88064	98.21	86107	94.70	86068	91.92	87352
1668	511.9	4399.7	766	102.85	88003	99.16	88064	96.93	86107	94.59	87352	94.16	88059	93.80	86068
1669	512.9	4399.7	767	103.58	88003	99.70	86107	96.49	87352	94.93	86068	93.51	88064	92.37	86329
1710	482.9	4400.7	768	122.71	88047	117.85	85040	104.67	85070	97.01	85270	95.27	88064	94.31	88016
1711	483.9	4400.7	769	120.33	88047	117.11	85040	103.04	85070	96.41	85270	92.37	88064	92.20	88059
1712	484.9	4400.7	770	118.93	85040	116.89	88047	102.19	85070	97.12	85270	94.12	88059	93.50	88064
1713	485.9	4400.7	771	122.27	85040	118.90	88047	104.61	85070	97.40	88064	97.36	88059	97.28	85270
1714	486.9	4400.7	772	126.98	85040	126.70	88047	110.65	88059	107.87	85070	104.90	88064	102.47	85270
1715	487.9	4400.7	773	119.48	85040	119.23	88047	106.35	88064	104.18	85070	103.43	88059	102.39	85270
1716	488.9	4400.7	774	119.58	88047	116.86	85040	105.07	88064	104.76	85070	103.66	88059	103.31	85270
1717	489.9	4400.7	775	121.96	88047	117.69	85040	109.26	88059	105.19	88064	104.20	85070	103.49	85270
1718	490.9	4400.7	776	121.76	88047	114.70	85040	107.53	88064	106.03	88059	101.73	85270	101.55	85070
1719	491.9	4400.7	777	119.48	88047	113.28	85040	107.12	88064	106.09	88059	101.73	85270	100.20	85070
1720	492.9	4400.7	778	122.06	88047	114.45	85040	112.64	88064	111.84	88059	104.54	85270	103.23	88016
1721	493.9	4400.7	779	119.11	88047	117.47	88064	113.52	85040	110.45	88059	105.45	88016	103.99	88003
1722	494.9	4400.7	780	118.52	88047	116.49	85040	115.46	88064	110.90	88059	105.74	88016	105.63	85270
1723	495.9	4400.7	781	117.48	88064	116.22	88047	112.27	85040	108.58	88059	107.87	85270	104.11	88003
1724	496.9	4400.7	782	119.14	88064	118.84	88059	117.88	88047	112.03	85040	109.43	85270	105.73	88016
1725	497.9	4400.7	783	126.03	88059	123.38	88064	120.61	88047	113.93	88003	113.92	85040	112.01	87270
1726	498.9	4400.7	784	132.90	88059	128.21	88064	120.78	87314	119.49	88047	116.81	87333	114.64	87352
1727	499.9	4400.7	785	138.28	88059	127.32	88064	124.96	88003	123.52	87352	121.15	87001	120.79	88047
1728	500.9	4400.7	786	137.26	88059	132.39	88003	129.38	88064	124.68	87352	121.69	87333	118.60	86107
1729	501.9	4400.7	787	131.31	88064	125.53	88003	119.52	87352	115.75	88059	111.04	88047	110.74	85007
1730	502.9	4400.7	788	128.45	88003	123.60	87352	120.62	88064	112.16	88059	110.60	88047	108.29	87351
1731	503.9	4400.7	789	125.56	88003	121.51	87352	117.29	88064	116.04	85007	110.19	87351	103.71	88047
1732	504.9	4400.7	790	121.45	88003	111.00	87352	109.64	88064	108.83	88059	103.22	85007	101.72	88047
1733	505.9	4400.7	791	120.99	88003	112.54	88064	109.27	87352	103.25	85007	102.12	86068	98.27	88059
1734	506.9	4400.7	792	113.35	88003	105.29	88064	101.57	88059	98.14	87352	97.78	88340	96.37	88047
1735	507.9	4400.7	793	113.60	88003	104.76	88064	102.97	88059	98.05	87352	96.05	86068	94.48	88047
1736	508.9	4400.7	794	109.60	88003	103.64	88064	98.95	88059	95.32	87352	94.10	86068	92.38	88047
1737	509.9	4400.7	795	107.35	88003	98.08	88064	94.88	86068	93.98	88059	92.32	86107	91.38	87352
1738	510.9	4400.7	796	99.19	88003	96.10	88064	96.08	88059	94.04	86068	91.28	86107	87.53	87352
1739	511.9	4400.7	797	101.99	88003	98.17	88064	95.52	86068	91.39	88059	90.62	87352	87.93	86329
1740	512.9	4400.7	798	103.82	88003	96.49	86068	93.84	88064	93.55	87352	92.81	86107	91.89	88059
1781	482.9	4401.7	799	116.81	85040	114.34	88047	102.45	85070	98.37	85270	93.54	88059	91.92	88016
1782	483.9	4401.7	800	114.89	85040	114.30	88047	103.73	85070	97.60	85270	94.40	88059	90.21	88016
1783	484.9	4401.7	801	116.92	88047	115.44	85040	104.96	85070	99.05	85270	96.26	88059	93.91	85360
1784	485.9	4401.7	802	117.27	88047	113.79	85040	105.18	85070	98.56	85270	98.17	88064	97.52	88059
1785	486.9	4401.7	803	123.62	88047	116.66	85040	109.07	85070	108.69	88059	102.53	88064	101.50	85270
1786	487.9	4401.7	804	123.72	88047	113.86	85040	106.10	88059	106.01	85070	103.89	88064	100.68	85270
1787	488.9	4401.7	805	124.90	88047	111.51	85040	105.70	88064	105.09	88059	102.51	85070	98.49	85270
1788	489.9	4401.7	806	125.15	88047	112.25	85040	109.21	88059	105.00	88064	101.48	85070	99.16	85270
1789	490.9	4401.7	807	120.76	88047	110.62	85040	106.00	88064	104.39	88059	98.63	85070	98.44	85270

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1790	491.9	4401.7	808	120.17	88047	112.08	85040	105.72	88064	104.22	88059	100.31	85270	97.96	85070
1791	492.9	4401.7	809	121.95	88047	115.16	85040	111.94	88059	111.44	88064	102.57	85270	100.52	88016
1792	493.9	4401.7	810	120.04	88047	115.98	88064	112.67	85040	109.58	88059	102.81	88003	101.65	88016
1793	494.9	4401.7	811	118.79	88047	114.47	88064	112.42	88059	111.36	85040	108.23	88016	104.13	85270
1794	495.9	4401.7	812	116.77	88047	116.34	88064	111.39	88059	110.68	88016	109.34	85040	104.05	88003
1795	496.9	4401.7	813	120.65	88059	115.98	88047	114.55	88064	112.42	85040	106.48	88016	105.11	85270
1796	497.9	4401.7	814	121.63	88059	116.74	88064	115.20	88047	110.28	88003	109.80	85040	108.71	87352
1797	498.9	4401.7	815	132.48	88059	119.42	88047	118.86	88064	117.54	87333	110.66	87001	110.25	87270
1798	499.9	4401.7	816	132.85	88059	124.80	88064	121.71	87314	118.75	88047	115.55	87333	115.39	87352
1799	500.9	4401.7	817	129.63	88059	128.63	88003	125.63	87352	124.10	88064	115.36	85007	115.01	86107
1800	501.9	4401.7	818	134.99	88064	126.43	88003	120.21	87352	117.29	88059	116.95	88047	111.75	85007
1801	502.9	4401.7	819	132.37	88003	127.75	87352	121.33	88064	118.63	88047	114.02	88059	113.65	85007
1802	503.9	4401.7	820	124.57	88003	123.86	87352	117.40	88064	117.02	85007	114.77	87351	107.39	88047
1803	504.9	4401.7	821	118.42	88003	110.17	88059	108.51	87352	107.12	88064	103.10	88047	100.18	85007
1804	505.9	4401.7	822	120.33	88003	110.55	88064	106.56	87352	103.67	88340	100.61	88059	100.25	88047
1805	506.9	4401.7	823	111.87	88003	106.27	88064	103.34	88059	99.14	88047	98.47	87352	94.21	86068
1806	507.9	4401.7	824	109.98	88003	103.95	88059	103.76	88064	99.89	88047	98.68	87352	95.16	87270
1807	508.9	4401.7	825	111.99	88003	106.07	88064	103.32	88059	100.25	88047	97.19	87352	96.53	86068
1808	509.9	4401.7	826	107.83	88003	105.39	86068	99.51	88064	97.12	88047	94.97	87352	93.48	86107
1809	510.9	4401.7	827	98.36	88003	96.91	86068	96.05	88064	95.89	88059	89.38	88047	88.35	86107
1810	511.9	4401.7	828	101.84	88064	101.61	88003	96.14	86068	93.91	88059	92.61	87352	92.28	86107
1811	512.9	4401.7	829	109.54	88003	99.91	86068	99.65	87352	95.98	88064	94.83	85007	93.71	87351
1852	482.9	4402.7	830	122.81	88047	114.18	85040	104.92	85070	95.10	88059	93.48	85270	92.90	88016
1853	483.9	4402.7	831	122.34	88047	112.01	85040	103.99	85070	95.98	88059	94.42	88016	94.30	85270
1854	484.9	4402.7	832	126.70	88047	115.77	85040	107.51	85070	100.49	88059	100.09	88016	100.04	85360
1855	485.9	4402.7	833	129.99	88047	114.03	85040	106.83	85070	99.29	88016	98.57	88059	97.90	85360
1856	486.9	4402.7	834	130.92	88047	116.74	85040	106.65	88059	105.25	85070	99.65	85270	98.68	88016
1857	487.9	4402.7	835	130.38	88047	119.55	85040	109.25	88059	104.29	88064	103.89	87314	103.36	85070
1858	488.9	4402.7	836	126.24	88047	118.70	85040	109.21	88064	108.36	88059	103.16	85270	102.59	85070
1859	489.9	4402.7	837	127.04	88047	118.28	85040	110.02	88064	109.70	88059	102.82	85270	102.45	85070
1860	490.9	4402.7	838	124.93	88047	112.75	85040	108.89	88064	106.52	88059	100.73	85270	100.45	88016
1861	491.9	4402.7	839	123.40	88047	112.14	85040	107.32	88059	106.02	88064	100.82	85070	100.12	85270
1862	492.9	4402.7	840	123.06	88047	114.67	88059	113.38	85040	109.11	88064	102.53	88016	101.77	85070
1863	493.9	4402.7	841	119.80	88047	115.07	88064	112.63	88059	109.84	85040	103.33	88016	102.95	87352
1864	494.9	4402.7	842	118.66	88047	114.67	88059	114.40	88064	107.33	85040	103.67	88016	103.30	87352
1865	495.9	4402.7	843	116.57	88064	116.01	88047	111.41	88059	106.05	88003	104.03	85040	101.44	87352
1866	496.9	4402.7	844	119.55	88047	119.36	88059	111.78	88064	106.06	87314	105.30	85040	104.79	87352
1867	497.9	4402.7	845	117.03	88047	116.69	88059	111.52	88064	107.52	88003	106.33	85040	105.53	87352
1868	498.9	4402.7	846	122.07	88059	114.10	88047	111.24	88064	105.56	85040	105.38	88003	103.96	87270
1869	499.9	4402.7	847	134.66	88059	120.82	88047	119.70	88064	117.27	87314	115.58	87333	115.42	87270
1870	500.9	4402.7	848	129.02	88059	128.58	87352	126.45	88003	124.94	88064	119.08	87314	118.33	87338
1871	501.9	4402.7	849	142.57	88003	136.90	88064	133.76	87352	130.66	88059	127.47	88047	125.35	85007
1872	502.9	4402.7	850	136.42	88003	130.56	87352	126.93	88064	123.81	88047	120.83	87314	119.69	88059
1873	503.9	4402.7	851	136.24	88003	134.35	87352	133.13	85007	122.81	88047	122.77	88064	120.57	87351
1874	504.9	4402.7	852	126.21	88003	118.40	85007	117.52	87352	115.58	88047	111.33	88340	109.73	88059
1875	505.9	4402.7	853	126.39	88003	110.99	88064	109.76	87352	108.65	88047	107.89	85007	101.11	88059
1876	506.9	4402.7	854	114.94	88003	106.01	88064	105.87	88059	105.74	88047	103.69	87352	99.49	88340
1877	507.9	4402.7	855	115.19	88003	107.95	88059	105.38	87352	105.31	88064	104.67	88047	102.00	86068
1878	508.9	4402.7	856	121.18	88003	116.30	88059	110.45	88340	109.19	88064	108.60	87352	108.15	87350
1879	509.9	4402.7	857	111.54	88003	107.15	88064	105.82	86333	105.47	85328	105.14	86068	104.31	87314
1880	510.9	4402.7	858	108.07	88003	102.06	88064	101.94	86068	100.20	88059	97.67	85320	96.91	87352

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1881	511.9	4402.7	859	112.20	88003	104.82	88059	104.57	87351	104.30	88064	101.60	86068	100.89	87352
1882	512.9	4402.7	860	107.74	88003	99.96	87352	99.43	87351	98.48	88064	96.49	86068	95.41	87360
1923	482.9	4403.7	861	115.28	88047	109.06	85040	105.29	85070	95.57	88016	94.37	88059	92.65	85270
1924	483.9	4403.7	862	119.26	88047	108.94	85040	107.75	85070	100.69	85360	94.68	88059	94.47	88016
1925	484.9	4403.7	863	126.29	88047	119.88	85040	110.72	88059	108.83	85070	107.93	85360	102.18	89014
1926	485.9	4403.7	864	124.61	88047	111.97	85040	103.94	85070	103.04	88059	101.24	88016	99.92	89014
1927	486.9	4403.7	865	122.88	88047	114.56	85040	106.97	88059	105.21	85070	98.97	85360	97.76	88016
1928	487.9	4403.7	866	128.68	88047	119.46	85040	118.17	88059	107.89	85070	106.01	85360	105.47	89014
1929	488.9	4403.7	867	127.55	88047	118.29	85040	116.55	88059	105.83	88016	105.16	85070	104.28	87270
1930	489.9	4403.7	868	127.46	88047	119.48	85040	117.94	88059	108.72	88016	105.48	85070	105.46	88064
1931	490.9	4403.7	869	127.29	88047	119.26	85040	116.39	88059	109.74	88064	108.50	88016	104.76	85070
1932	491.9	4403.7	870	122.74	88047	117.25	85040	114.81	88059	109.94	88016	107.54	88064	103.67	85328
1933	492.9	4403.7	871	123.43	88047	119.64	88059	116.62	85040	113.66	88016	112.46	85328	111.90	88064
1934	493.9	4403.7	872	120.75	88047	116.93	85040	115.51	88064	114.96	88059	110.86	87352	110.78	88016
1935	494.9	4403.7	873	116.92	88047	116.70	85040	115.01	88059	111.31	88064	107.11	88016	106.04	85328
1936	495.9	4403.7	874	113.78	88064	113.61	85040	112.98	88047	111.71	88059	106.37	88003	103.56	87352
1937	496.9	4403.7	875	119.42	88059	112.94	85040	112.29	88064	111.01	88047	106.86	87352	106.78	88003
1938	497.9	4403.7	876	115.95	88059	114.92	88064	111.16	85040	110.54	88003	110.25	87352	109.29	88047
1939	498.9	4403.7	877	122.55	88059	114.10	87314	112.32	88047	111.58	88064	108.65	87352	108.08	88003
1940	499.9	4403.7	878	136.28	88059	120.76	88047	117.79	88064	117.38	87314	116.41	87352	114.27	85040
1941	500.9	4403.7	879	140.75	88059	133.36	87351	131.94	87352	126.90	88047	124.58	88003	122.29	85007
1942	501.9	4403.7	880	131.28	88003	129.29	88059	127.88	88064	126.00	87352	122.41	87351	119.98	88047
1943	502.9	4403.7	881	134.76	88059	126.69	88003	121.95	86351	121.70	87352	121.48	86339	121.48	88047
1944	503.9	4403.7	882	133.38	88003	128.57	87351	128.33	88059	128.23	86351	127.09	87352	122.81	86354
1945	504.9	4403.7	883	123.09	88059	121.22	88003	119.11	86351	118.22	87351	115.45	87352	112.26	88047
1946	505.9	4403.7	884	120.61	88003	110.49	88059	109.13	87352	108.29	87351	108.29	88047	105.92	86351
1947	506.9	4403.7	885	115.85	88059	107.63	88003	105.60	86351	104.84	87270	104.69	88047	102.98	85340
1948	507.9	4403.7	886	118.53	88059	110.51	88003	107.05	87351	106.95	86351	106.70	87270	105.82	86354
1949	508.9	4403.7	887	112.23	88059	110.24	88003	106.27	87351	104.51	88047	103.88	87270	103.84	86351
1950	509.9	4403.7	888	107.48	88047	107.40	88059	104.57	87351	102.56	86351	100.17	86354	99.84	87339
1951	510.9	4403.7	889	108.08	88059	103.80	87351	101.48	88047	101.30	88003	100.62	86351	99.04	87337
1952	511.9	4403.7	890	98.79	88059	97.65	88064	97.10	88003	96.89	87351	96.47	87337	94.75	87339
1953	512.9	4403.7	891	98.80	88003	97.50	86107	94.37	88059	93.89	88064	92.20	87352	90.42	87339
1994	482.9	4404.7	892	116.84	88047	113.72	85040	104.08	85070	100.78	88016	96.31	85360	93.31	89014
1995	483.9	4404.7	893	120.24	88047	112.46	85040	103.52	85070	103.34	85360	95.00	88016	94.96	88059
1996	484.9	4404.7	894	122.49	88047	113.01	85040	106.01	85070	100.30	88059	96.29	85360	94.63	88016
1997	485.9	4404.7	895	120.25	88047	112.08	85040	105.06	85070	100.35	88059	96.15	85360	95.75	88016
1998	486.9	4404.7	896	119.78	88047	113.22	85040	104.65	85070	100.84	88059	98.31	85360	96.19	88016
1999	487.9	4404.7	897	123.07	88047	116.03	85040	110.51	88059	106.28	85070	100.88	85360	100.76	88016
2000	488.9	4404.7	898	121.28	88047	114.01	85040	110.19	88059	105.64	85070	101.95	88016	99.28	85360
2001	489.9	4404.7	899	125.56	88047	118.24	88059	118.06	85040	107.41	85070	107.19	88016	107.10	85360
2002	490.9	4404.7	900	122.60	88047	117.04	88059	114.67	85040	112.05	88016	105.73	85070	105.00	89014
2003	491.9	4404.7	901	120.08	88047	117.67	88059	116.03	85040	110.99	88016	108.79	85360	107.47	85070
2004	492.9	4404.7	902	127.08	88059	124.47	88047	118.29	85040	113.21	87270	111.49	85360	108.74	88016
2005	493.9	4404.7	903	122.71	88059	121.22	88047	113.07	85040	110.73	88064	107.79	87270	106.00	87337
2006	494.9	4404.7	904	122.38	88059	116.78	88047	111.99	85040	110.55	88064	108.02	87270	105.88	87314
2007	495.9	4404.7	905	119.27	88059	114.22	88047	111.22	85040	110.69	88064	108.58	88003	107.06	87352
2008	496.9	4404.7	906	127.75	88059	114.88	88047	111.80	87270	110.71	85040	109.93	87314	107.63	88064
2009	497.9	4404.7	907	125.94	88059	113.98	88047	111.89	87352	111.87	88003	110.80	87270	108.96	88064
2010	498.9	4404.7	908	128.38	88059	113.64	88047	108.57	87270	108.51	87333	106.36	88064	106.33	87352
2011	499.9	4404.7	909	148.08	88059	130.26	86339	126.90	87270	120.92	87333	119.74	88047	119.34	87351

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2012	500.9	4404.7	910	141.12	88059	138.84	87314	129.06	87333	126.80	87352	124.40	87351	123.56	88047
2013	501.9	4404.7	911	131.17	88003	126.29	87352	124.84	88064	117.20	88047	116.47	88059	114.67	87351
2014	502.9	4404.7	912	122.94	88059	119.24	88003	112.41	88047	112.27	87352	110.29	88064	108.98	87270
2015	503.9	4404.7	913	116.76	88003	112.13	88059	111.33	87352	109.67	88064	105.46	87351	104.87	88047
2016	504.9	4404.7	914	122.02	88059	116.36	88003	111.85	87352	110.31	87270	107.69	87351	106.95	85340
2017	505.9	4404.7	915	118.42	88003	110.04	87352	106.22	88064	105.43	88059	100.94	88363	100.61	88047
2018	506.9	4404.7	916	113.87	88059	108.99	88047	107.13	88003	103.20	87351	100.99	87352	100.07	87270
2019	507.9	4404.7	917	114.45	88059	111.42	88047	107.83	87351	101.47	88003	101.46	87270	100.57	87339
2020	508.9	4404.7	918	102.90	88059	99.68	88047	98.97	87339	97.86	88003	95.63	87270	93.48	88064
2021	509.9	4404.7	919	94.51	88059	93.85	88003	91.77	88047	90.38	88064	90.09	87339	87.33	87270
2022	510.9	4404.7	920	95.61	88059	92.67	88064	91.98	88003	87.46	87339	87.09	85340	87.06	87270
2023	511.9	4404.7	921	95.78	88064	95.57	88003	91.24	88059	87.54	87360	85.12	86107	84.91	86068
2024	512.9	4404.7	922	96.96	88003	94.53	88064	93.95	88059	90.16	86107	89.30	87352	88.52	87360
2065	482.9	4405.7	923	119.05	88047	104.94	85070	100.15	85040	99.59	85360	94.35	89014	94.05	88059
2066	483.9	4405.7	924	120.36	88047	105.29	85070	100.04	85040	98.61	85360	95.84	88059	91.04	88016
2067	484.9	4405.7	925	122.21	88047	104.83	85070	101.91	85040	98.81	88059	96.09	85360	94.26	88340
2068	485.9	4405.7	926	119.49	88047	104.61	85070	101.22	85040	100.69	88059	96.92	85360	93.44	89014
2069	486.9	4405.7	927	121.33	88047	103.48	85070	102.18	88059	102.10	85040	97.53	85360	95.83	88016
2070	487.9	4405.7	928	125.71	88047	110.01	88059	104.88	85040	103.57	85070	101.32	88016	100.07	85360
2071	488.9	4405.7	929	121.56	88047	107.68	88059	106.21	88016	102.29	85040	101.18	85070	100.84	85360
2072	489.9	4405.7	930	121.61	88047	111.62	88059	110.17	88016	104.44	85360	103.94	85070	103.07	85040
2073	490.9	4405.7	931	121.07	88047	112.07	88059	105.46	85360	104.97	88016	101.82	85070	101.57	85040
2074	491.9	4405.7	932	121.00	88047	111.21	88059	103.48	87270	102.81	85360	102.48	85040	101.02	88016
2075	492.9	4405.7	933	122.10	88047	119.60	88059	109.26	87270	107.22	85040	103.16	85360	102.88	88016
2076	493.9	4405.7	934	120.17	88047	118.32	88059	108.63	85040	107.19	87270	105.63	88003	104.49	88064
2077	494.9	4405.7	935	122.50	88059	120.26	88047	110.80	87270	107.73	85040	105.71	89014	105.65	85360
2078	495.9	4405.7	936	121.32	88047	117.89	88059	105.99	88064	104.87	87337	104.09	87270	103.45	85040
2079	496.9	4405.7	937	125.62	88047	123.93	88059	109.68	87270	106.33	86339	104.54	85040	102.87	88064
2080	497.9	4405.7	938	126.81	88047	124.46	88059	108.95	88064	107.85	87352	107.41	85040	107.32	88003
2081	498.9	4405.7	939	127.16	88047	122.94	88059	112.96	88003	112.10	87352	106.84	85007	105.93	87351
2082	499.9	4405.7	940	125.96	88059	117.80	88047	110.59	87352	109.27	88003	106.59	87351	105.78	87270
2083	500.9	4405.7	941	147.76	88059	129.22	88047	123.82	87270	121.89	87314	121.68	87352	120.83	87351
2084	501.9	4405.7	942	137.62	88003	129.16	87352	124.76	88064	119.13	88059	117.95	87351	116.20	89004
2085	502.9	4405.7	943	121.98	88059	116.92	88003	113.37	88047	112.14	87352	111.38	88064	107.28	89024
2086	503.9	4405.7	944	123.87	88003	116.66	87352	113.73	88047	112.04	85007	108.10	88059	107.04	88064
2087	504.9	4405.7	945	123.78	88059	109.44	88047	108.18	88003	106.81	87270	105.72	87352	104.65	88064
2088	505.9	4405.7	946	124.04	88003	113.59	87352	110.83	88059	109.37	87351	106.31	88047	104.39	88064
2089	506.9	4405.7	947	110.70	88059	103.30	88003	98.51	85340	98.47	87339	96.26	87270	96.10	87352
2090	507.9	4405.7	948	107.46	88059	97.01	87270	95.20	87339	94.04	88003	93.71	85340	90.78	88047
2091	508.9	4405.7	949	97.86	88059	94.24	87339	93.77	87270	92.94	88003	89.38	88064	88.26	88047
2092	509.9	4405.7	950	93.78	88059	89.09	88064	88.81	88047	88.70	88003	87.37	87270	86.86	87339
2093	510.9	4405.7	951	94.41	88059	90.97	88003	89.15	88064	87.13	87270	86.22	85340	86.13	87339
2094	511.9	4405.7	952	93.96	88064	89.83	88059	87.57	88003	85.33	85340	84.75	87339	84.27	87360
2095	512.9	4405.7	953	95.50	88064	95.45	88059	94.40	88003	87.90	85340	87.67	87360	86.43	87352
2136	482.9	4406.7	954	116.32	88047	104.59	85360	101.95	85070	95.70	85040	94.76	89014	94.06	88059
2137	483.9	4406.7	955	119.54	88047	102.38	85070	98.28	88340	97.18	85040	95.78	85360	95.35	88059
2138	484.9	4406.7	956	118.83	88047	101.71	85070	101.45	88059	99.09	85040	97.05	85360	93.33	88016
2139	485.9	4406.7	957	120.70	88047	102.77	88059	100.74	85070	100.32	85040	97.73	88016	97.21	85360
2140	486.9	4406.7	958	122.19	88047	103.84	88059	102.53	88016	101.68	85040	101.11	85070	99.16	85360
2141	487.9	4406.7	959	122.17	88047	110.10	88016	109.32	88059	104.99	85360	103.01	85070	102.81	89014
2142	488.9	4406.7	960	120.04	88047	108.87	88059	108.75	88016	104.19	85360	102.94	85070	102.28	85040

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2143	489.9	4406.7	961	121.97	88047	112.99	88059	105.67	85360	104.34	85040	102.26	87270	101.23	88016
2144	490.9	4406.7	962	121.43	88047	112.93	88059	103.71	85040	101.21	85360	101.01	87270	99.90	89014
2145	491.9	4406.7	963	118.96	88047	111.87	88059	104.15	85040	102.72	85360	102.61	87270	100.43	89014
2146	492.9	4406.7	964	123.11	88047	121.60	88059	108.56	87270	105.05	85360	104.67	89014	104.47	85040
2147	493.9	4406.7	965	123.98	88047	113.72	88059	104.20	88003	103.53	88064	101.39	89014	101.31	87270
2148	494.9	4406.7	966	126.34	88047	118.63	88059	104.16	87270	101.76	85040	100.98	89014	100.57	85360
2149	495.9	4406.7	967	125.16	88047	115.31	88059	101.26	85040	101.23	87352	100.77	88003	100.76	87270
2150	496.9	4406.7	968	120.85	88047	118.42	88059	105.13	87270	100.87	85040	99.87	87352	99.03	89014
2151	497.9	4406.7	969	138.52	88059	122.96	88047	122.01	86339	119.78	87270	112.55	87337	112.09	87352
2152	498.9	4406.7	970	135.83	88059	121.60	88047	119.47	87314	119.30	87333	116.74	87270	114.32	87351
2153	499.9	4406.7	971	128.74	88059	119.35	88047	113.11	87352	108.51	87270	107.51	88003	107.09	87314
2154	500.9	4406.7	972	147.06	88059	127.49	88047	125.00	87314	124.38	87270	122.28	87352	118.98	86339
2155	501.9	4406.7	973	134.11	88003	131.14	87352	125.45	88059	122.00	87337	118.43	88064	117.12	89004
2156	502.9	4406.7	974	147.79	88059	140.43	86339	135.02	88003	128.76	87270	126.51	87337	124.62	87350
2157	503.9	4406.7	975	127.10	86355	119.71	87352	118.74	87333	117.83	86351	116.90	88003	115.55	88059
2158	504.9	4406.7	976	139.36	88059	120.86	88003	118.87	87270	118.11	87314	117.23	87001	116.97	85340
2159	505.9	4406.7	977	126.35	88003	120.30	87352	117.55	85007	117.26	87351	109.24	86068	108.64	88363
2160	506.9	4406.7	978	106.94	88059	102.87	88003	95.25	85340	94.66	87339	93.87	87270	93.61	87352
2161	507.9	4406.7	979	103.90	88059	98.33	88003	95.48	87270	91.93	85340	91.90	87339	90.41	88047
2162	508.9	4406.7	980	94.29	88059	92.79	87270	92.20	88003	90.42	87339	87.91	86329	87.48	88047
2163	509.9	4406.7	981	93.30	88059	89.91	88003	88.67	87339	88.31	87270	88.31	88047	86.19	86329
2164	510.9	4406.7	982	91.32	88059	88.71	88064	88.63	88003	87.68	87339	86.46	87270	85.66	86329
2165	511.9	4406.7	983	90.34	88003	89.17	88064	87.04	88059	85.21	88047	83.42	87339	82.16	85340
2166	512.9	4406.7	984	100.92	89024	100.55	88059	97.98	88064	92.84	88003	92.32	88047	90.14	86107
2207	482.9	4407.7	985	113.45	88047	102.21	85070	100.99	85360	95.77	88059	94.42	85040	93.30	89014
2208	483.9	4407.7	986	116.98	88047	100.88	85070	96.98	88059	96.76	85360	94.40	85040	91.68	89014
2209	484.9	4407.7	987	120.01	88047	102.64	88059	100.99	85070	98.09	85360	95.61	85040	93.38	88016
2210	485.9	4407.7	988	122.16	88047	104.59	88059	103.34	85070	101.88	85360	101.05	88016	97.85	89014
2211	486.9	4407.7	989	119.49	88047	108.96	88016	105.90	85070	104.95	88059	104.91	85360	99.49	89014
2212	487.9	4407.7	990	119.89	88047	108.92	88059	104.34	85070	103.49	85360	101.89	88016	98.22	85040
2213	488.9	4407.7	991	119.97	88047	110.42	88059	101.77	85360	100.70	85070	97.21	85040	96.43	87270
2214	489.9	4407.7	992	119.05	88047	112.75	88059	100.25	85070	100.25	87270	99.82	85360	95.75	85040
2215	490.9	4407.7	993	124.26	88047	113.02	88059	100.82	85360	99.66	87270	98.78	85070	96.65	85040
2216	491.9	4407.7	994	127.21	88047	112.07	88059	101.43	85360	100.57	87270	97.64	85040	97.07	85070
2217	492.9	4407.7	995	132.43	88047	118.91	88059	106.58	87270	103.08	85360	100.54	85040	99.50	87351
2218	493.9	4407.7	996	128.00	88047	115.26	88059	103.75	88064	100.62	87270	98.71	85360	97.69	88003
2219	494.9	4407.7	997	123.12	88047	119.81	88059	104.87	87270	99.15	88003	99.02	88064	98.00	87352
2220	495.9	4407.7	998	119.01	88047	114.59	88059	100.83	87352	100.25	87270	100.07	88003	98.43	88064
2221	496.9	4407.7	999	119.44	88059	118.05	88047	106.14	87270	101.94	87352	100.59	85360	100.48	87314
2222	497.9	4407.7	1000	121.29	88059	113.37	88047	106.57	87352	106.11	87270	102.26	87337	100.61	88003
2223	498.9	4407.7	1001	133.54	88059	113.86	88047	113.30	87270	110.31	87352	109.58	86339	107.86	86354
2224	499.9	4407.7	1002	132.77	88059	117.01	87352	114.61	88047	111.52	87333	111.22	86339	110.71	87270
2225	500.9	4407.7	1003	150.79	88059	134.40	86339	128.71	87314	126.65	87270	126.09	88047	124.83	87352
2226	501.9	4407.7	1004	139.24	88003	135.83	87352	130.71	88059	128.34	87350	124.20	89004	123.78	87337
2227	502.9	4407.7	1005	134.13	88059	119.32	88003	116.36	87352	114.58	87270	112.77	87314	112.42	85340
2228	503.9	4407.7	1006	118.24	88003	117.97	87352	115.75	88059	112.06	87351	107.69	87350	107.14	88340
2229	504.9	4407.7	1007	150.03	88059	143.55	86339	135.12	87270	133.40	87353	133.24	87337	131.41	85340
2230	505.9	4407.7	1008	138.90	86355	120.94	87333	118.89	86351	117.60	87339	117.14	86329	115.88	87352
2231	506.9	4407.7	1009	105.70	88059	103.38	88003	95.50	87352	94.44	85340	93.08	87270	91.88	87360
2232	507.9	4407.7	1010	102.90	88059	99.95	88003	94.44	87270	91.49	85340	89.97	87360	89.53	87339
2233	508.9	4407.7	1011	96.04	88003	93.23	88059	92.00	87270	87.74	87339	87.16	87360	84.95	88064

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2234	509.9	4407.7	1012	89.43	88059	87.65	88003	85.28	88047	85.13	87270	85.10	87339	82.71	87360
2235	510.9	4407.7	1013	89.47	88059	88.45	88003	86.81	88064	85.44	87270	85.32	87339	84.63	87360
2236	511.9	4407.7	1014	90.77	88003	88.68	88059	86.39	88064	85.95	87360	85.14	87339	84.97	88047
2237	512.9	4407.7	1015	119.51	88059	108.10	88003	103.75	87270	103.39	86339	101.80	87314	100.55	87337
2278	482.9	4408.7	1016	118.00	88340	114.21	88047	100.69	85070	95.83	88059	95.58	85360	94.58	85040
2279	483.9	4408.7	1017	117.40	88047	101.04	85070	97.91	85360	96.22	88059	95.61	85040	93.90	88016
2280	484.9	4408.7	1018	116.52	88047	110.95	88016	104.94	85070	102.04	88059	101.58	85360	96.64	85040
2281	485.9	4408.7	1019	113.67	88047	108.02	88016	105.08	85070	103.82	88059	103.14	85360	96.17	85328
2282	486.9	4408.7	1020	114.65	88047	105.53	88059	102.26	85070	99.62	85360	96.19	88016	94.63	85040
2283	487.9	4408.7	1021	120.06	88047	110.14	88059	101.82	85070	100.59	85360	95.72	85040	95.29	87270
2284	488.9	4408.7	1022	127.28	88047	111.13	88059	101.21	85360	100.05	85070	96.68	87270	95.87	85040
2285	489.9	4408.7	1023	129.63	88047	113.04	88059	102.42	87270	101.68	85360	97.87	85070	95.58	85040
2286	490.9	4408.7	1024	126.76	88047	109.51	88059	102.11	85360	97.74	87270	96.40	85070	94.32	89014
2287	491.9	4408.7	1025	122.87	88047	109.51	88059	101.46	85360	99.22	87270	94.89	85070	94.66	89014
2288	492.9	4408.7	1026	120.10	88047	117.68	88059	105.37	87270	103.37	85360	96.77	89014	96.36	88064
2289	493.9	4408.7	1027	115.96	88047	112.48	88059	99.99	87337	99.62	85360	99.38	87270	98.32	88064
2290	494.9	4408.7	1028	118.24	88059	115.40	88047	103.38	87270	100.12	85360	98.48	88064	98.23	87337
2291	495.9	4408.7	1029	114.05	88059	111.95	88047	103.61	87337	102.07	88003	101.05	87352	98.60	85360
2292	496.9	4408.7	1030	120.96	88059	112.11	88047	107.25	87270	104.89	87352	102.73	86339	100.79	87337
2293	497.9	4408.7	1031	125.10	88059	112.72	87352	111.63	88047	105.00	87350	104.63	88003	104.59	87270
2294	498.9	4408.7	1032	131.25	88059	114.26	88047	114.06	86339	113.30	87352	109.57	87270	109.46	87350
2295	499.9	4408.7	1033	132.61	88059	118.33	88047	116.21	87352	115.51	87270	109.05	87359	108.62	86339
2296	500.9	4408.7	1034	152.56	88059	132.30	86339	131.17	87270	127.28	88047	124.37	87333	124.20	87001
2297	501.9	4408.7	1035	135.45	88059	133.41	87337	131.69	88003	128.67	87333	128.41	87352	128.31	87351
2298	502.9	4408.7	1036	145.76	88059	125.67	87270	125.45	86339	124.29	85340	123.41	87333	121.74	87337
2299	503.9	4408.7	1037	130.24	86355	116.74	87333	115.48	88059	112.35	87337	112.35	87339	111.86	88352
2300	504.9	4408.7	1038	119.72	88059	107.73	85340	106.69	87270	104.35	87352	104.31	88003	100.71	86355
2301	505.9	4408.7	1039	108.06	88059	104.13	86355	104.11	87352	103.01	88003	101.69	87270	100.98	87360
2302	506.9	4408.7	1040	108.39	88059	103.16	88003	97.20	87352	96.90	87339	96.88	87270	96.12	85340
2303	507.9	4408.7	1041	102.39	88059	95.54	88003	94.53	87270	94.33	87339	92.14	85340	91.03	87360
2304	508.9	4408.7	1042	93.43	88003	92.95	88059	91.62	87270	90.30	87339	88.48	87360	83.94	88064
2305	509.9	4408.7	1043	89.18	88059	88.17	88003	87.16	87339	84.96	87270	84.43	87360	83.91	88047
2306	510.9	4408.7	1044	90.17	88059	88.64	87339	86.60	88003	85.76	87270	84.56	88064	83.19	87360
2307	511.9	4408.7	1045	90.98	88003	89.73	88059	88.01	87339	85.54	87360	85.34	88064	84.76	87270
2308	512.9	4408.7	1046	124.95	88059	110.64	86339	108.98	88003	108.60	87270	104.36	87337	103.78	87314
2349	482.9	4409.7	1047	114.20	88047	102.38	85070	97.23	85360	95.59	88059	94.88	88016	92.05	85040
2350	483.9	4409.7	1048	119.29	88016	111.63	88047	107.19	85070	99.85	85328	98.78	85360	94.58	88059
2351	484.9	4409.7	1049	113.61	88047	105.56	85070	101.89	88016	100.76	85360	100.54	88059	94.78	85328
2352	485.9	4409.7	1050	126.12	88047	102.22	85070	101.66	88059	97.40	85360	94.16	85040	90.01	87270
2353	486.9	4409.7	1051	132.46	88047	102.78	88059	99.15	85360	98.20	85070	94.45	85040	90.63	87270
2354	487.9	4409.7	1052	127.40	88047	105.32	88059	100.30	85360	97.31	85070	93.42	85040	92.48	87270
2355	488.9	4409.7	1053	120.30	88047	105.99	88059	101.92	85360	97.59	85070	95.02	87270	93.38	85040
2356	489.9	4409.7	1054	115.86	88047	108.83	88059	104.33	85360	99.09	87270	96.75	85070	94.48	89014
2357	490.9	4409.7	1055	112.92	88047	107.42	88059	101.26	85360	95.44	87270	94.75	85070	94.21	85040
2358	491.9	4409.7	1056	110.12	88047	108.90	88059	102.13	85360	96.04	87270	95.46	85040	94.76	85070
2359	492.9	4409.7	1057	115.28	88059	110.89	88047	103.07	87270	100.76	85360	96.68	85040	95.30	85070
2360	493.9	4409.7	1058	112.15	88059	109.57	88047	97.48	87270	97.41	87352	97.27	87337	96.40	88064
2361	494.9	4409.7	1059	119.97	88059	109.57	88047	101.69	87270	98.21	87352	98.06	88064	97.33	85360
2362	495.9	4409.7	1060	116.81	88059	110.66	88047	107.35	87352	103.51	88064	102.20	88003	101.93	87350
2363	496.9	4409.7	1061	124.80	88059	116.78	86339	113.43	87352	113.11	88047	110.58	88003	108.58	87270
2364	497.9	4409.7	1062	131.05	88059	115.82	86339	113.16	88047	112.58	87352	112.12	87270	111.68	87337

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2365	498.9	4409.7	1063	134.94	88059	117.26	87270	115.83	87359	115.58	88047	114.95	86339	110.31	87333
2366	499.9	4409.7	1064	135.03	88059	119.14	88047	114.08	87270	112.54	87333	110.62	87337	110.12	87352
2367	500.9	4409.7	1065	144.49	88059	125.01	87333	123.87	87351	123.21	87270	119.99	86339	116.82	87001
2368	501.9	4409.7	1066	129.02	88059	126.74	88003	120.88	87337	119.16	87352	111.49	89004	111.27	87333
2369	502.9	4409.7	1067	127.30	88059	112.29	85340	110.79	87270	106.86	88003	104.22	87333	101.19	87353
2370	503.9	4409.7	1068	110.46	88059	110.30	86355	109.18	87333	105.08	87352	102.10	86352	101.76	87337
2371	504.9	4409.7	1069	122.26	88059	110.02	87270	105.54	85340	103.92	86355	101.18	86351	101.08	87339
2372	505.9	4409.7	1070	107.89	88059	104.08	86355	101.98	87352	100.43	87270	100.40	87339	99.02	88003
2373	506.9	4409.7	1071	107.79	88059	99.22	88003	98.47	87270	97.47	87339	96.71	87352	95.92	87360
2374	507.9	4409.7	1072	101.92	88059	95.14	88003	93.74	87270	93.46	87339	91.92	85340	89.88	87360
2375	508.9	4409.7	1073	93.57	88059	93.18	88003	92.91	87339	91.19	87270	88.55	87360	85.00	87352
2376	509.9	4409.7	1074	90.59	88003	90.53	87339	90.09	88059	86.67	87360	84.96	87270	81.85	88047
2377	510.9	4409.7	1075	91.76	88059	90.19	87339	89.93	88003	86.70	87270	84.22	87360	82.64	88064
2378	511.9	4409.7	1076	91.27	88059	90.77	87339	89.56	88003	86.59	87270	85.41	87360	83.21	88064
2379	512.9	4409.7	1077	128.75	88059	115.27	86339	112.17	87270	108.13	88003	106.18	87359	106.17	87337
2420	482.9	4410.7	1078	119.12	88016	116.35	85328	116.29	88047	113.82	85070	104.99	86353	98.94	86346
2421	483.9	4410.7	1079	150.74	88047	102.66	85070	98.00	85360	95.13	88348	93.65	87351	93.06	88059
2422	484.9	4410.7	1080	136.58	88047	99.46	85360	98.62	85070	98.41	88059	93.58	87351	92.59	85040
2423	485.9	4410.7	1081	115.37	88047	100.13	88059	99.68	85360	97.20	85070	91.32	85040	89.71	89014
2424	486.9	4410.7	1082	107.82	88047	102.44	88059	102.42	85360	97.92	85070	91.82	85040	90.10	89014
2425	487.9	4410.7	1083	107.66	88047	104.84	88059	102.78	85360	96.40	85070	93.87	87270	91.91	85040
2426	488.9	4410.7	1084	107.31	88047	106.73	88059	103.04	85360	95.38	85070	93.56	87270	91.53	89014
2427	489.9	4410.7	1085	108.20	88059	106.89	88047	101.35	85360	98.22	87270	95.71	85070	92.76	85040
2428	490.9	4410.7	1086	108.50	88059	107.48	88047	100.69	85360	95.18	87270	94.92	85070	93.45	85040
2429	491.9	4410.7	1087	110.46	88059	107.84	88047	98.36	85360	97.08	87270	93.87	85040	93.78	85070
2430	492.9	4410.7	1088	118.68	88059	109.11	88047	104.98	87270	99.27	85360	96.53	85040	95.07	85070
2431	493.9	4410.7	1089	115.89	88059	109.01	88047	100.56	87352	98.96	86339	98.72	87337	98.55	85360
2432	494.9	4410.7	1090	125.48	88059	112.79	86339	109.81	88047	105.79	87270	103.13	85360	101.20	87352
2433	495.9	4410.7	1091	123.92	88059	117.64	86339	113.39	88047	108.41	87337	108.32	87352	105.51	85360
2434	496.9	4410.7	1092	128.41	88059	116.16	86339	113.81	87270	112.74	88047	112.72	87337	112.22	87359
2435	497.9	4410.7	1093	126.72	88059	109.18	88047	108.00	87337	106.97	87270	104.54	87359	104.14	87352
2436	498.9	4410.7	1094	123.33	88059	111.05	88047	105.53	87270	103.10	87352	100.20	87350	98.36	87339
2437	499.9	4410.7	1095	126.76	88059	109.36	87270	106.77	87333	106.62	87351	106.09	88047	104.75	87352
2438	500.9	4410.7	1096	138.74	88059	120.76	87270	117.28	87333	116.38	87351	113.58	87353	112.88	87352
2439	501.9	4410.7	1097	132.19	88059	121.78	88003	118.48	87337	117.26	87352	113.27	89004	111.11	88340
2440	502.9	4410.7	1098	125.80	88059	112.83	85340	109.69	87270	106.17	88003	103.34	87333	101.57	87352
2441	503.9	4410.7	1099	107.92	88059	103.75	87333	101.63	87352	101.17	87337	100.92	86355	99.31	86352
2442	504.9	4410.7	1100	116.07	88059	109.04	87270	104.05	86355	100.12	87339	99.25	85340	98.07	87352
2443	505.9	4410.7	1101	109.27	88059	102.53	87339	101.43	87352	101.39	87270	101.09	86355	99.96	87333
2444	506.9	4410.7	1102	106.82	88059	98.96	87339	98.55	87270	96.21	86355	95.07	87360	94.96	88003
2445	507.9	4410.7	1103	103.28	88059	94.95	87339	94.53	88003	94.37	87270	93.00	87352	90.27	87325
2446	508.9	4410.7	1104	94.59	88003	94.19	88059	92.56	87339	91.10	87270	88.81	87360	86.65	87352
2447	509.9	4410.7	1105	91.23	88059	90.94	87339	89.65	88003	86.77	87360	84.85	87270	82.42	87352
2448	510.9	4410.7	1106	93.06	87339	92.56	88003	92.12	88059	87.65	87270	86.77	87360	82.62	87337
2449	511.9	4410.7	1107	93.66	87339	92.92	88059	92.49	88003	87.97	87270	85.80	87360	83.29	87337
2450	512.9	4410.7	1108	131.18	88059	117.16	86339	115.09	87270	108.96	87359	107.95	87337	107.37	88003
2491	482.9	4411.7	1109	123.13	89346	107.48	88047	98.68	85040	98.26	85360	98.15	85070	94.45	88059
2492	483.9	4411.7	1110	109.31	89346	103.67	88047	99.38	85360	98.20	85070	96.93	85040	91.40	88059
2493	484.9	4411.7	1111	103.86	88047	101.72	85360	98.11	88059	97.99	85070	96.94	89346	95.35	85040
2494	485.9	4411.7	1112	102.47	88047	101.58	85360	100.40	88059	96.26	85070	92.38	85040	91.35	89346
2495	486.9	4411.7	1113	104.36	88047	103.11	88059	101.54	85360	95.51	85070	93.01	85040	91.29	87270

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2496	487.9	4411.7	1114	104.93	88059	104.09	88047	101.41	85360	94.31	85070	93.51	87270	92.73	85040
2497	488.9	4411.7	1115	105.09	88059	104.37	88047	100.34	85360	94.17	85070	93.67	85040	93.34	87270
2498	489.9	4411.7	1116	107.81	88059	105.07	88047	99.15	85360	96.38	87270	94.66	85040	93.75	85070
2499	490.9	4411.7	1117	109.67	88059	106.02	88047	98.17	85360	94.94	85070	93.99	87270	93.97	85040
2500	491.9	4411.7	1118	112.96	88059	106.40	88047	99.48	85360	96.31	87270	96.30	85070	94.29	85040
2501	492.9	4411.7	1119	119.78	88059	108.91	88047	103.28	86339	103.17	87270	102.05	85360	98.89	87352
2502	493.9	4411.7	1120	118.84	88059	112.94	88047	104.43	87352	101.46	86339	101.35	85360	98.59	88003
2503	494.9	4411.7	1121	128.00	88059	114.26	88047	111.02	86339	108.21	87270	107.04	87314	106.99	87350
2504	495.9	4411.7	1122	119.97	88059	112.88	88047	111.10	88340	108.56	87352	107.76	87337	106.87	87359
2505	496.9	4411.7	1123	118.98	88059	106.84	88047	106.78	87270	103.26	87352	101.59	87337	98.98	87351
2506	497.9	4411.7	1124	123.06	88059	104.81	88047	103.29	87270	102.83	87352	99.47	87337	98.88	87350
2507	498.9	4411.7	1125	121.48	88059	108.34	87270	105.22	88047	104.96	87352	100.63	87333	100.32	87351
2508	499.9	4411.7	1126	124.90	88059	110.07	87333	110.03	87351	107.19	87270	103.11	87352	101.11	88047
2509	500.9	4411.7	1127	142.17	88059	122.91	87270	116.95	87351	115.31	87333	114.19	87353	113.73	86339
2510	501.9	4411.7	1128	132.26	88059	119.92	88003	119.39	87337	117.94	87352	114.95	89004	112.02	88340
2511	502.9	4411.7	1129	125.40	88059	113.96	85340	107.63	87270	103.59	87333	102.64	88003	101.74	87352
2512	503.9	4411.7	1130	111.49	88059	104.06	87333	102.38	87337	99.94	87352	98.74	87339	98.29	88003
2513	504.9	4411.7	1131	111.23	88059	105.89	86355	105.79	87270	99.86	87352	99.53	87339	97.21	85340
2514	505.9	4411.7	1132	106.51	88059	97.43	87352	97.25	87339	95.90	87270	93.75	86355	92.23	88003
2515	506.9	4411.7	1133	110.08	88059	100.99	87339	99.91	87270	96.53	87352	94.20	86355	93.21	87350
2516	507.9	4411.7	1134	106.83	88059	98.21	87339	98.10	88003	96.15	87352	95.19	87270	93.67	85340
2517	508.9	4411.7	1135	96.24	87339	95.81	88003	94.94	88059	94.08	87352	91.41	87325	90.92	87270
2518	509.9	4411.7	1136	94.43	88059	92.32	87339	91.90	88003	88.75	87360	86.24	87337	85.49	87270
2519	510.9	4411.7	1137	94.29	88003	91.80	88059	91.56	87339	88.02	87360	86.83	87270	84.50	87337
2520	511.9	4411.7	1138	93.56	88059	93.36	87339	91.37	88003	87.41	87270	87.27	87360	84.78	87337
2521	512.9	4411.7	1139	127.53	88059	118.60	86339	114.70	87270	109.36	87359	109.35	87337	108.22	87339
2562	482.9	4412.7	1140	100.19	85360	100.13	88047	97.95	85070	95.75	88059	90.65	87327	88.80	85040
2563	483.9	4412.7	1141	99.08	88047	98.65	85360	96.57	85070	91.32	88059	87.77	85040	87.10	86329
2564	484.9	4412.7	1142	102.18	88047	99.83	85360	97.91	88059	96.02	85070	89.45	85040	88.96	86329
2565	485.9	4412.7	1143	100.73	88047	99.45	85360	99.42	88059	94.17	85070	90.12	85040	88.37	87270
2566	486.9	4412.7	1144	100.90	85360	100.23	88059	100.04	88047	94.69	85070	89.70	85040	89.45	87270
2567	487.9	4412.7	1145	103.04	88059	98.98	88047	97.86	85360	93.90	85070	90.42	87270	88.45	85040
2568	488.9	4412.7	1146	104.74	88059	98.54	88047	96.40	85360	94.45	85070	90.06	87270	88.29	85040
2569	489.9	4412.7	1147	107.52	88059	99.13	88047	97.78	85360	95.04	85070	92.88	87270	89.87	85040
2570	490.9	4412.7	1148	109.53	88059	103.55	88047	100.91	85360	96.55	85070	93.04	87270	92.89	86339
2571	491.9	4412.7	1149	116.82	88059	107.01	88047	103.38	85360	100.53	86339	100.12	85070	98.76	87270
2572	492.9	4412.7	1150	127.60	88059	112.59	88047	110.85	86339	109.51	87270	107.70	85360	101.99	85070
2573	493.9	4412.7	1151	124.25	88059	115.82	88047	108.93	86339	107.53	87337	107.23	87270	105.17	85360
2574	494.9	4412.7	1152	128.54	88059	117.08	86339	114.42	87270	113.75	87359	113.60	88047	110.20	87001
2575	495.9	4412.7	1153	117.36	88059	110.47	87337	104.12	88047	102.84	87270	102.52	87339	102.31	87351
2576	496.9	4412.7	1154	120.04	88059	107.29	87270	102.51	87337	100.02	88047	99.48	87339	99.12	87351
2577	497.9	4412.7	1155	121.54	88059	106.49	87270	102.63	87352	100.62	87337	99.77	88047	99.24	87351
2578	498.9	4412.7	1156	120.26	88059	106.52	87270	106.38	87351	104.74	87333	102.58	88047	100.95	87352
2579	499.9	4412.7	1157	126.15	88059	109.86	87333	107.68	87270	106.41	87351	101.23	87352	100.55	87337
2580	500.9	4412.7	1158	146.27	88059	126.92	87270	115.33	86339	115.20	85340	114.10	87353	114.05	87333
2581	501.9	4412.7	1159	132.80	88059	118.42	87337	117.62	88003	116.38	89004	116.00	87352	113.69	88340
2582	502.9	4412.7	1160	125.51	88059	111.53	85340	107.01	87270	104.05	87333	101.92	87352	101.78	87337
2583	503.9	4412.7	1161	114.09	88059	104.30	87333	101.27	87337	98.98	87339	98.48	87352	97.43	87270
2584	504.9	4412.7	1162	113.92	88059	108.42	86355	105.07	87270	102.48	87339	101.50	87333	101.13	85340
2585	505.9	4412.7	1163	105.65	88059	101.56	87339	98.69	86355	97.20	87352	96.21	87270	92.66	88003
2586	506.9	4412.7	1164	113.83	88059	103.74	87339	102.64	87270	93.77	87352	92.59	86351	92.19	85340

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2587	507.9	4412.7	1165	117.74	88059	110.91	87339	108.82	87270	103.45	85340	102.25	86354	101.97	87350
2588	508.9	4412.7	1166	106.14	87339	99.00	88059	96.71	88003	96.59	87270	96.54	87352	96.39	86355
2589	509.9	4412.7	1167	99.33	88059	95.94	87339	90.36	88003	90.35	87270	88.36	87337	87.90	87360
2590	510.9	4412.7	1168	97.42	88003	93.54	87339	92.52	88059	88.76	87360	88.03	87337	87.92	87270
2591	511.9	4412.7	1169	92.94	88059	91.36	88003	87.66	87339	86.59	87270	84.73	87360	84.23	87352
2592	512.9	4412.7	1170	106.45	88059	95.70	87270	94.30	88003	91.35	85340	89.24	87339	87.13	87337
2633	482.9	4413.7	1171	136.00	87327	114.53	88363	99.92	88047	99.25	85070	98.76	87337	97.31	85360
2634	483.9	4413.7	1172	107.51	85026	99.96	88047	98.04	85360	94.35	85070	92.19	85006	91.68	88059
2635	484.9	4413.7	1173	100.08	88047	99.79	85360	98.54	88059	94.85	85070	88.37	87327	86.25	87270
2636	485.9	4413.7	1174	99.41	88059	98.69	85360	97.74	88047	94.51	85070	89.35	87270	84.57	89014
2637	486.9	4413.7	1175	101.63	88059	98.76	88047	98.38	85360	94.73	85070	89.18	87270	84.76	85040
2638	487.9	4413.7	1176	102.94	88059	98.34	88047	96.84	85360	93.78	85070	89.14	87270	85.10	85040
2639	488.9	4413.7	1177	105.27	88059	100.34	88047	98.53	85360	94.47	85070	89.60	87270	86.13	85040
2640	489.9	4413.7	1178	107.20	88059	103.32	88047	101.13	85360	97.25	85070	93.26	87270	86.93	89014
2641	490.9	4413.7	1179	109.91	88047	109.88	88059	101.54	85360	99.22	85070	93.04	87270	90.33	86339
2642	491.9	4413.7	1180	117.10	88059	111.43	88047	104.29	85360	99.75	87270	97.52	85070	96.73	86339
2643	492.9	4413.7	1181	119.46	88059	111.91	88047	109.02	87270	101.61	85360	99.82	86339	99.29	87359
2644	493.9	4413.7	1182	120.26	88059	110.35	88047	104.82	87270	101.97	87359	101.40	86339	100.62	85360
2645	494.9	4413.7	1183	119.09	88059	106.59	87270	101.20	88047	101.10	87337	101.01	87351	99.82	86339
2646	495.9	4413.7	1184	110.98	88059	100.71	87337	97.59	87270	96.60	88047	96.13	87352	95.84	87339
2647	496.9	4413.7	1185	116.10	88059	106.01	87270	96.79	88047	95.85	87352	95.17	87351	94.71	87337
2648	497.9	4413.7	1186	118.92	88059	103.10	87270	101.28	87351	100.72	87352	100.61	88047	96.02	87333
2649	498.9	4413.7	1187	118.43	88059	103.27	87270	101.33	87351	101.17	87333	98.39	88047	97.70	87352
2650	499.9	4413.7	1188	125.07	88059	107.06	87270	103.52	87351	102.09	87333	101.11	87352	96.89	87353
2651	500.9	4413.7	1189	145.81	88059	126.67	87270	116.27	86339	115.78	87353	112.21	85340	111.81	87333
2652	501.9	4413.7	1190	133.09	88059	114.85	87337	113.37	88003	113.22	89004	112.40	87352	110.00	87270
2653	502.9	4413.7	1191	123.16	88059	106.55	85340	104.75	87270	101.34	87339	101.13	87352	100.94	87333
2654	503.9	4413.7	1192	114.63	88059	102.45	87333	99.83	87339	98.36	87352	97.72	87337	96.40	87270
2655	504.9	4413.7	1193	112.67	88059	104.85	86355	102.05	87339	101.64	87270	99.19	87352	99.16	87333
2656	505.9	4413.7	1194	104.88	88059	101.55	87339	97.84	86355	96.86	87352	96.76	87270	92.50	87360
2657	506.9	4413.7	1195	110.40	88059	99.84	87339	97.04	87270	90.57	87352	89.42	86355	89.27	87350
2658	507.9	4413.7	1196	107.33	88059	101.54	87339	101.29	87270	94.78	87352	91.62	85340	90.79	87350
2659	508.9	4413.7	1197	98.28	87339	97.90	88059	94.03	87270	90.51	87350	89.90	87352	88.56	87360
2660	509.9	4413.7	1198	96.73	88059	94.24	88003	92.12	87339	88.77	87352	87.83	87270	87.15	87350
2661	510.9	4413.7	1199	93.10	88003	92.89	88059	89.14	87339	88.56	87270	87.79	87352	87.35	87360
2662	511.9	4413.7	1200	93.49	88003	92.54	88059	86.35	87360	85.76	87270	85.00	87339	84.46	87337
2663	512.9	4413.7	1201	101.46	88059	91.67	87270	90.80	88003	88.80	85340	84.64	87339	84.27	87337
2704	482.9	4414.7	1202	117.95	86354	97.93	88047	97.12	85360	96.62	85070	94.41	88059	93.22	85026
2705	483.9	4414.7	1203	116.41	87327	99.31	88047	98.30	85070	98.19	88363	97.78	85360	93.53	88059
2706	484.9	4414.7	1204	99.99	88047	99.54	88059	98.70	85360	95.26	85070	87.42	85006	87.26	87270
2707	485.9	4414.7	1205	98.09	85360	97.83	88059	97.11	88047	93.95	85026	92.93	85070	87.39	87270
2708	486.9	4414.7	1206	99.81	88059	99.35	85360	98.28	88047	93.39	85070	89.59	87270	83.42	87327
2709	487.9	4414.7	1207	103.53	88059	101.64	88047	100.85	85360	96.17	85070	89.07	87270	84.19	89014
2710	488.9	4414.7	1208	107.62	88059	107.13	88047	103.51	85360	97.65	85070	92.02	87270	86.64	89014
2711	489.9	4414.7	1209	110.66	88047	109.07	88059	100.99	85360	97.00	87270	95.13	85070	87.41	86339
2712	490.9	4414.7	1210	114.94	88047	111.62	88059	103.05	85360	96.05	87270	92.95	85070	92.44	87359
2713	491.9	4414.7	1211	113.69	88059	108.53	88047	102.47	87270	99.02	85360	95.49	87359	93.76	86339
2714	492.9	4414.7	1212	118.05	88059	108.09	87270	106.09	88047	96.77	85360	95.52	87359	94.49	86339
2715	493.9	4414.7	1213	117.51	88059	104.98	88047	102.80	87270	100.60	86339	97.50	87337	97.12	87351
2716	494.9	4414.7	1214	113.56	88059	103.13	87270	99.69	87337	99.38	88047	99.04	87352	98.71	87351
2717	495.9	4414.7	1215	109.75	88059	98.78	88047	97.24	87270	96.35	87352	94.39	87351	93.74	87337

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2718	496.9	4414.7	1216	115.55	88059	105.42	87270	98.95	87351	97.84	88047	95.74	87352	92.08	87337
2719	497.9	4414.7	1217	118.73	88059	102.40	88047	102.36	87351	100.70	87352	100.56	87270	97.08	87333
2720	498.9	4414.7	1218	119.69	88059	102.88	87270	100.64	87351	99.57	87352	98.98	87333	98.49	88047
2721	499.9	4414.7	1219	125.73	88059	107.10	87270	101.60	87352	101.07	87351	100.04	87333	96.96	88047
2722	500.9	4414.7	1220	142.38	88059	122.52	87270	112.25	87353	110.90	85340	110.80	86339	107.26	87333
2723	501.9	4414.7	1221	133.63	88059	113.84	88003	112.49	87352	111.77	89004	110.82	87337	109.18	87270
2724	502.9	4414.7	1222	122.45	88059	103.97	85340	103.12	87270	100.67	87352	99.81	88003	99.53	87333
2725	503.9	4414.7	1223	115.20	88059	100.38	87333	100.08	87352	97.55	87339	95.50	87337	95.12	88003
2726	504.9	4414.7	1224	113.33	88059	101.38	87270	100.56	86355	99.37	87339	98.13	87333	97.77	85340
2727	505.9	4414.7	1225	106.85	88059	99.94	87339	98.96	86355	97.39	87352	96.34	87270	92.21	86345
2728	506.9	4414.7	1226	112.00	88059	99.44	87270	99.00	87339	93.29	87352	92.10	87350	91.37	86355
2729	507.9	4414.7	1227	105.31	88059	101.21	87270	99.67	87339	91.79	87352	91.48	86355	90.87	87350
2730	508.9	4414.7	1228	98.99	88059	97.38	87270	95.32	87339	88.78	87350	88.07	87352	86.97	86354
2731	509.9	4414.7	1229	97.13	88059	91.24	87339	89.43	87352	89.21	88003	88.16	87350	87.85	87270
2732	510.9	4414.7	1230	99.23	88003	92.00	87352	90.98	88059	87.28	87270	85.82	87360	85.78	87339
2733	511.9	4414.7	1231	92.22	88059	90.71	88003	86.60	87360	85.69	87352	85.09	87270	83.61	87325
2734	512.9	4414.7	1232	98.60	88059	91.89	88003	88.97	87270	88.39	85340	85.08	87360	83.77	89004
2775	482.9	4415.7	1233	107.61	86354	102.70	88059	99.32	85360	96.77	88047	93.34	85070	92.63	87270
2776	483.9	4415.7	1234	100.29	85360	98.82	88047	95.28	88059	95.16	85070	94.31	86354	90.29	89014
2777	484.9	4415.7	1235	104.15	87327	102.14	85360	99.94	88059	99.04	88047	96.03	85070	89.21	88363
2778	485.9	4415.7	1236	99.78	85360	98.49	88047	97.02	88059	94.35	85070	86.73	87270	85.96	87327
2779	486.9	4415.7	1237	100.79	88047	100.61	85360	99.70	88059	95.92	85070	88.82	87270	86.80	85006
2780	487.9	4415.7	1238	104.89	88047	101.56	85360	100.21	88059	93.77	85070	90.15	85026	88.81	87270
2781	488.9	4415.7	1239	108.87	88047	107.60	88059	99.39	85360	93.24	87270	92.68	85070	86.39	85040
2782	489.9	4415.7	1240	109.55	88059	106.85	88047	99.23	85360	97.55	87270	90.76	87359	89.70	85070
2783	490.9	4415.7	1241	107.94	88059	104.04	88047	97.19	87270	96.41	85360	92.41	87359	89.48	89014
2784	491.9	4415.7	1242	110.11	88059	98.90	87270	98.54	88047	93.79	85360	88.48	87359	87.60	88015
2785	492.9	4415.7	1243	115.46	88059	106.79	87270	101.44	88047	97.92	85360	97.75	86339	94.31	87001
2786	493.9	4415.7	1244	115.46	88059	103.86	88047	101.28	87351	100.23	87270	99.81	87337	99.44	86339
2787	494.9	4415.7	1245	115.20	88059	104.12	87270	99.70	87337	99.08	88047	97.85	87351	96.33	87352
2788	495.9	4415.7	1246	110.87	88059	99.05	87270	96.87	88047	96.85	87351	95.97	87352	94.60	87337
2789	496.9	4415.7	1247	117.58	88059	104.46	87270	104.35	87351	97.57	88047	94.76	87337	94.44	87352
2790	497.9	4415.7	1248	121.19	88059	102.11	87270	101.00	87351	100.40	88047	99.51	87352	99.46	87333
2791	498.9	4415.7	1249	121.05	88059	103.36	87270	101.44	87351	99.96	87352	98.72	87333	98.16	87353
2792	499.9	4415.7	1250	131.46	88059	109.97	87270	102.69	87333	101.49	86339	101.10	87351	99.93	87352
2793	500.9	4415.7	1251	142.58	88059	123.80	87270	113.46	87353	113.04	86339	110.68	87333	110.57	85340
2794	501.9	4415.7	1252	135.80	88059	111.56	87337	110.02	87270	109.10	87352	108.25	89004	107.83	87333
2795	502.9	4415.7	1253	125.43	88059	104.95	85340	104.83	88003	104.06	87270	101.50	87333	101.43	87352
2796	503.9	4415.7	1254	115.47	88059	101.82	87352	100.55	87333	98.69	88003	96.78	87339	95.95	87337
2797	504.9	4415.7	1255	113.52	88059	101.80	87270	98.73	87333	98.57	87339	97.11	86355	96.32	87337
2798	505.9	4415.7	1256	108.84	88059	100.86	86355	96.22	87339	95.79	87352	95.60	87270	95.12	86345
2799	506.9	4415.7	1257	107.90	88059	98.27	87270	96.29	87339	93.01	86355	90.42	87352	88.13	87360
2800	507.9	4415.7	1258	102.90	88059	99.28	87270	94.25	87339	87.46	86355	87.42	87350	86.93	87352
2801	508.9	4415.7	1259	97.92	87270	96.12	88059	90.77	87339	85.02	87352	84.75	88003	83.72	86351
2802	509.9	4415.7	1260	107.49	88059	106.46	89024	99.76	85314	95.82	87356	94.11	87314	93.18	87270
2803	510.9	4415.7	1261	108.97	88003	107.59	87352	105.94	85007	101.47	87351	97.67	86068	94.80	87350
2804	511.9	4415.7	1262	92.38	88059	91.63	88003	85.59	87360	85.03	87352	84.74	87270	84.69	87337
2805	512.9	4415.7	1263	97.31	88059	87.50	88003	87.35	85340	87.12	87270	85.01	87360	82.83	89004
2846	482.9	4416.7	1264	102.93	85360	97.63	88016	97.07	88059	96.22	88047	94.94	87270	92.17	85070
2847	483.9	4416.7	1265	100.98	85360	98.35	86354	97.41	88047	94.42	85070	92.72	88059	86.34	87270
2848	484.9	4416.7	1266	101.92	85360	99.34	88047	98.81	85070	94.77	88059	87.25	89014	85.75	87270

SUMMARY OF MODEL RESULTS FOR 2010 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2849	485.9	4416.7	1267	102.53	88047	99.88	85360	96.04	85070	95.84	88059	91.44	87327	85.26	87270
2850	486.9	4416.7	1268	105.03	88047	99.41	85360	99.18	88059	91.38	85070	89.14	87270	88.37	87327
2851	487.9	4416.7	1269	106.55	88047	100.72	88059	96.09	85360	89.92	87270	89.70	85070	85.88	85040
2852	488.9	4416.7	1270	106.47	88059	103.97	88047	96.77	85360	94.74	85026	91.99	87270	88.45	87359
2853	489.9	4416.7	1271	106.91	88059	100.04	88047	97.82	87270	94.63	85360	93.92	85026	88.49	87327
2854	490.9	4416.7	1272	105.50	88059	98.45	88047	96.30	87270	96.08	85360	91.33	87327	89.69	87359
2855	491.9	4416.7	1273	109.87	88059	96.68	88047	96.45	87270	94.72	85360	88.81	88015	86.94	87352
2856	492.9	4416.7	1274	115.71	88059	105.77	87270	100.62	86339	99.91	88047	96.22	87351	95.31	85360
2857	493.9	4416.7	1275	114.07	88059	98.87	88047	98.75	87337	98.46	87270	96.35	87351	92.33	87333
2858	494.9	4416.7	1276	113.45	88059	104.48	87270	97.49	87351	95.11	88047	94.60	87337	93.77	87352
2859	495.9	4416.7	1277	111.54	88059	100.35	87351	96.44	87270	94.51	88047	93.69	87337	92.56	87352
2860	496.9	4416.7	1278	116.53	88059	102.33	87270	100.34	87351	96.68	88047	94.90	87352	93.80	87333
2861	497.9	4416.7	1279	119.80	88059	99.41	87270	97.43	87351	97.39	87352	96.96	88047	96.25	87337
2862	498.9	4416.7	1280	121.36	88059	100.09	87270	99.56	87352	99.51	87351	94.49	87333	94.22	87353
2863	499.9	4416.7	1281	130.33	88059	107.95	87270	99.02	87352	98.78	86339	97.84	87351	97.42	87333
2864	500.9	4416.7	1282	136.62	88059	119.56	87270	107.62	87353	104.93	85340	104.44	87333	104.36	86339
2865	501.9	4416.7	1283	136.45	88059	109.06	87270	108.69	87337	106.18	87333	103.86	89004	102.74	87352
2866	502.9	4416.7	1284	131.56	88059	111.44	87270	110.38	87337	109.91	85340	107.17	87333	103.90	89004
2867	503.9	4416.7	1285	114.78	88059	106.17	87333	100.06	87352	99.25	87339	98.62	86355	98.42	87337
2868	504.9	4416.7	1286	112.35	88059	101.39	87270	96.22	87339	95.97	87333	95.15	87337	92.86	85340
2869	505.9	4416.7	1287	108.10	88059	98.83	86355	94.94	86345	94.13	87270	94.13	87352	93.90	87339
2870	506.9	4416.7	1288	105.65	88059	98.08	87270	94.00	87339	92.82	86355	89.56	87352	87.48	87360
2871	507.9	4416.7	1289	100.44	88059	96.20	87270	92.21	87339	86.38	86355	86.03	87350	85.99	87352
2872	508.9	4416.7	1290	98.11	87270	96.35	88059	91.01	87339	87.90	87360	86.05	87350	86.04	87352
2873	509.9	4416.7	1291	133.40	86339	132.14	88059	122.84	87359	122.35	87270	116.56	87350	112.58	87337
2874	510.9	4416.7	1292	128.15	86355	114.62	87333	112.23	86351	108.14	86329	107.87	87339	107.85	86354
2875	511.9	4416.7	1293	91.46	88059	88.64	88003	86.19	87360	85.71	87352	84.42	87339	84.34	85340
2876	512.9	4416.7	1294	95.84	88059	90.16	88003	87.41	85340	85.72	87270	82.87	87352	82.53	87360
Max				179.88		143.55		139.84		136.40		136.39		135.05	

## Appendix J

### Summary of Dispersion Model Results for 2015

## Appendix J – Summary of Dispersion Model Results for 2015

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1	477.9	4376.7	1	93.18	88064	89.69	85040	89.35	88291	83.66	89288	83.48	88047	81.78	86284
2	482.9	4376.7	2	106.32	88064	88.31	89288	87.30	85040	85.68	85270	85.13	88291	84.76	86107
3	487.9	4376.7	3	114.29	88064	101.77	89288	96.21	86107	93.73	85270	88.50	85040	88.37	89344
4	492.9	4376.7	4	123.07	88064	108.48	89288	107.44	86107	96.08	85270	94.09	89344	93.54	85007
5	497.9	4376.7	5	120.02	88064	113.59	89288	105.89	86107	101.88	85007	99.06	85270	94.50	85326
6	502.9	4376.7	6	128.52	88064	117.16	85007	110.42	88003	107.52	85326	106.75	86107	106.55	89288
7	507.9	4376.7	7	120.26	85007	118.54	88064	114.52	88003	110.30	85326	106.78	89288	102.06	86107
8	512.9	4376.7	8	105.16	88003	104.21	85326	100.13	89051	97.68	85007	93.82	88064	91.26	86068
9	517.9	4376.7	9	94.73	85326	92.02	88064	90.04	85007	88.96	88003	87.92	88354	87.76	86068
10	522.9	4376.7	10	87.53	88003	86.91	86068	84.35	85326	81.03	88354	80.57	85332	76.81	85007
11	527.9	4376.7	11	88.49	86068	76.85	88354	76.04	85326	74.29	85332	71.14	88003	68.82	88070
12	532.9	4376.7	12	85.47	86068	68.18	88354	65.16	85332	65.11	85326	64.54	85320	63.31	86346
13	537.9	4376.7	13	81.87	86068	63.18	85320	62.61	85332	62.24	86030	61.61	88354	60.07	86329
14	542.9	4376.7	14	79.84	86068	65.63	86030	62.04	85320	60.66	86329	59.61	88354	59.38	85270
15	547.9	4376.7	15	81.34	86068	62.77	85320	62.73	86030	59.81	86329	58.92	85270	56.97	88354
16	477.9	4381.7	16	106.75	85040	96.06	88064	92.70	88291	89.72	85270	87.40	88047	87.17	86284
17	482.9	4381.7	17	105.57	88064	102.71	85040	93.85	85270	90.74	88291	87.78	86284	86.30	89288
18	487.9	4381.7	18	117.75	88064	105.12	85040	100.60	85270	95.39	89288	94.26	86107	90.34	88291
19	492.9	4381.7	19	127.74	88064	110.50	86107	104.79	89288	102.67	85270	98.55	85040	95.45	89024
20	497.9	4381.7	20	126.94	88064	112.57	89288	107.81	86107	105.27	85270	101.62	85007	97.80	88003
21	502.9	4381.7	21	130.66	88064	117.69	88003	111.82	85007	111.14	85326	109.73	86107	106.51	89288
22	507.9	4381.7	22	125.21	88064	120.03	88003	115.87	85007	114.30	85326	109.25	86107	105.72	89288
23	512.9	4381.7	23	102.59	88003	97.74	85326	95.43	86107	95.42	88064	94.25	86068	90.89	85332
24	517.9	4381.7	24	99.14	88003	94.02	88064	92.04	85326	91.81	86068	90.46	85007	84.90	86107
25	522.9	4381.7	25	90.88	86068	86.67	88003	82.45	85326	79.87	88354	76.79	86107	76.28	85332
26	527.9	4381.7	26	89.73	86068	75.06	85326	74.84	88003	72.51	88354	70.39	86329	70.04	85332
27	532.9	4381.7	27	84.51	86068	65.70	86329	64.99	86107	64.29	88354	63.46	85332	63.44	86346
28	537.9	4381.7	28	81.89	86068	67.29	86030	64.85	86329	62.97	86107	62.35	85320	61.59	88354
29	542.9	4381.7	29	82.70	86068	64.25	85320	61.99	86107	61.96	86329	61.71	86030	58.28	88070
30	547.9	4381.7	30	77.88	86068	61.78	86107	61.78	86329	61.61	85320	58.75	86030	57.29	88348
31	477.9	4386.7	31	113.19	85040	100.62	88047	95.82	88291	92.24	85270	91.59	88064	85.37	86284
32	482.9	4386.7	32	121.62	85040	110.31	88064	105.41	88047	102.66	85270	97.93	88291	91.67	89024
33	487.9	4386.7	33	122.47	88064	114.10	85040	105.47	85270	100.92	88047	96.45	88291	93.63	86107
34	492.9	4386.7	34	121.09	88064	109.56	86107	107.32	85040	104.63	85270	99.04	89288	98.08	88047
35	497.9	4386.7	35	132.24	88064	111.40	89288	110.50	85270	108.62	88003	107.44	86107	106.09	85040
36	502.9	4386.7	36	129.25	88064	120.62	88003	110.28	85326	109.89	85007	108.51	86107	103.35	89288
37	507.9	4386.7	37	143.03	88003	136.46	88064	132.31	85007	130.01	85326	129.33	87352	119.62	87314
38	512.9	4386.7	38	100.26	86107	99.89	88003	97.47	86068	96.65	88064	93.93	85326	89.54	85007
39	517.9	4386.7	39	108.96	88003	96.19	88064	96.04	86068	95.37	85007	92.57	85326	87.53	86107
40	522.9	4386.7	40	92.53	86068	84.79	88003	83.84	85326	80.99	86107	77.60	85007	77.43	88064
41	527.9	4386.7	41	91.72	86068	79.19	88003	75.31	86329	74.17	86107	72.80	86346	71.45	85007
42	532.9	4386.7	42	87.65	86068	69.42	86329	68.06	86107	67.39	85320	65.90	86030	65.00	85332
43	537.9	4386.7	43	84.21	86068	66.31	86107	64.90	86329	64.12	85320	59.84	86030	58.79	85270
44	542.9	4386.7	44	78.54	86068	65.57	86107	64.62	86329	61.84	85320	58.90	86030	58.75	89320
45	547.9	4386.7	45	75.18	86068	63.95	86107	63.24	85320	61.98	86329	57.52	88291	57.30	85270
46	477.9	4391.7	46	118.84	85040	107.95	88047	99.48	85270	95.08	88064	88.25	88291	88.21	86284

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
47	482.9	4391.7	47	117.26	85040	110.98	88047	109.59	88064	103.60	85270	93.86	88291	91.32	86284
48	487.9	4391.7	48	117.52	85040	114.32	88064	114.09	88047	104.72	85270	99.53	88291	89.03	86107
49	492.9	4391.7	49	121.59	85040	119.30	88064	112.59	88047	110.90	85270	104.45	86107	100.79	88291
50	497.9	4391.7	50	130.11	88064	119.16	85270	118.73	85040	112.70	88047	110.34	88003	106.32	85007
51	502.9	4391.7	51	145.19	88064	133.62	88003	125.23	85007	115.70	85326	114.53	87352	113.00	86107
52	507.9	4391.7	52	125.13	88003	113.59	88064	108.49	87352	106.22	85007	104.28	85326	101.04	86107
53	512.9	4391.7	53	103.54	88003	101.87	88064	99.39	86068	97.55	86107	91.48	85007	90.89	87352
54	517.9	4391.7	54	113.18	88003	96.44	85007	96.30	88064	95.31	86068	91.49	85326	88.78	86107
55	522.9	4391.7	55	93.84	86068	88.44	88003	82.54	86329	82.48	86107	78.96	88064	78.22	85007
56	527.9	4391.7	56	92.79	86068	79.42	88003	78.27	86329	74.17	86107	72.75	85320	71.06	86346
57	532.9	4391.7	57	82.19	86068	70.65	86107	68.95	86329	65.46	85320	65.06	88003	62.76	86346
58	537.9	4391.7	58	77.31	86068	69.91	86107	66.74	86329	63.67	85320	59.44	88348	58.99	89320
59	542.9	4391.7	59	76.08	86068	68.31	86107	63.93	86329	61.98	85320	58.71	88348	57.44	88291
60	547.9	4391.7	60	73.69	86068	66.75	86107	62.44	86329	59.07	85320	57.41	88348	56.09	88291
61	477.9	4396.7	61	121.46	85040	117.55	88047	97.61	85270	94.24	85070	90.36	88016	87.01	88064
62	482.9	4396.7	62	130.25	88047	128.22	85040	105.86	85270	104.66	88064	99.13	87314	98.74	88016
63	487.9	4396.7	63	134.91	88047	129.85	85040	120.24	88064	114.54	85270	111.72	85328	110.10	88016
64	492.9	4396.7	64	133.96	88047	126.00	88064	125.59	85040	115.05	85270	107.72	87314	105.70	85328
65	497.9	4396.7	65	134.22	88064	129.55	88047	122.86	88059	121.81	85040	119.28	88003	115.93	85007
66	502.9	4396.7	66	135.30	88064	129.08	88003	122.31	87352	120.84	85007	115.57	88047	111.79	87327
67	507.9	4396.7	67	118.72	88003	110.23	88064	104.79	86068	103.52	87352	103.17	88059	100.95	86107
68	512.9	4396.7	68	101.94	88003	99.39	88064	98.28	87352	96.56	86107	95.83	86068	93.57	85007
69	517.9	4396.7	69	114.49	88003	100.86	86068	99.24	88064	98.71	85007	90.36	86107	90.07	86329
70	522.9	4396.7	70	93.99	86068	91.84	88003	84.50	86107	80.03	85007	79.79	86346	79.19	88064
71	527.9	4396.7	71	86.68	86068	81.71	88003	77.83	86107	75.48	86329	71.10	85007	69.33	87360
72	532.9	4396.7	72	80.68	86068	74.65	86107	70.63	86329	67.97	88003	64.53	85320	62.57	85007
73	537.9	4396.7	73	76.57	86068	72.02	86107	66.30	86329	60.97	85007	60.78	88003	60.74	85320
74	542.9	4396.7	74	71.82	86068	69.94	86107	63.94	86329	60.27	85007	58.97	88291	58.73	88348
75	547.9	4396.7	75	68.41	86107	67.37	86068	62.40	86329	58.08	85007	57.92	88291	56.96	88348
76	477.9	4401.7	76	119.45	85040	116.85	88047	105.90	85070	93.80	85270	92.74	88016	88.71	88059
77	482.9	4401.7	77	119.69	85040	117.14	88047	103.27	85070	99.16	85270	94.28	88059	93.23	88016
78	487.9	4401.7	78	127.39	88047	117.03	85040	107.16	88059	106.86	85070	105.39	88064	101.82	85270
79	492.9	4401.7	79	124.78	88047	118.37	85040	112.56	88064	112.29	88059	103.81	85270	102.10	88016
80	497.9	4401.7	80	122.40	88059	118.65	88064	118.14	88047	113.55	85040	111.12	88003	109.35	87352
81	502.9	4401.7	81	134.70	88003	130.32	87352	123.79	88064	122.97	88047	116.15	85007	115.48	88059
82	507.9	4401.7	82	112.03	88003	106.66	88059	106.49	88064	104.22	88047	100.13	87352	97.06	87270
83	512.9	4401.7	83	112.39	88003	102.52	87352	101.46	86068	98.57	88064	97.33	85007	95.34	85320
84	517.9	4401.7	84	112.34	88003	94.98	86068	90.82	88064	90.49	86329	89.89	87352	89.63	85007
85	522.9	4401.7	85	94.67	88003	89.80	86068	84.21	87360	80.45	86329	79.99	86107	79.43	88064
86	527.9	4401.7	86	83.85	86068	81.61	88003	76.02	86107	74.23	86329	73.36	87360	69.12	85320
87	532.9	4401.7	87	74.05	86068	72.68	86107	70.52	88003	67.02	86329	66.36	87360	62.71	85320
88	537.9	4401.7	88	71.80	86107	67.96	86068	63.43	88003	63.30	86329	60.96	87360	60.59	88291
89	542.9	4401.7	89	70.92	86107	64.23	86068	62.46	86329	59.73	88003	58.69	89346	58.06	88291
90	547.9	4401.7	90	69.16	86107	62.54	86068	61.27	86329	57.56	89346	56.89	88003	56.60	88291
91	477.9	4406.7	91	110.60	88047	107.64	85070	104.46	88004	101.18	89024	96.24	85040	94.76	88059
92	482.9	4406.7	92	118.72	88047	104.82	85360	102.86	85070	97.69	85040	95.14	89014	94.94	88059
93	487.9	4406.7	93	124.65	88047	111.31	88016	110.72	88059	105.48	85360	104.60	85040	104.22	85070
94	492.9	4406.7	94	125.83	88047	122.93	88059	109.55	87270	106.97	85040	106.00	85360	105.47	89014
95	497.9	4406.7	95	142.37	88059	126.56	88047	125.08	86339	122.44	87270	114.62	87337	114.06	85040
96	502.9	4406.7	96	153.94	88059	146.46	86339	138.25	88003	133.11	87270	130.47	87337	129.20	87350
97	507.9	4406.7	97	107.36	88059	100.12	88003	97.35	87270	94.51	88047	93.04	87339	92.95	85340

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
98	512.9	4406.7	98	104.49	89024	104.26	88059	100.61	88064	96.30	88047	94.90	88003	92.25	85314
99	517.9	4406.7	99	116.93	88003	108.02	85007	103.52	86068	98.08	87352	92.08	88064	92.01	87360
100	522.9	4406.7	100	90.24	88003	83.14	86068	79.62	87360	79.52	86107	78.02	87339	76.73	87325
101	527.9	4406.7	101	87.51	88003	81.31	87360	74.54	86068	74.15	86107	71.01	88064	70.01	86329
102	532.9	4406.7	102	77.21	88003	70.29	86107	70.04	87360	69.72	86068	65.78	86329	62.12	88064
103	537.9	4406.7	103	69.84	86107	68.25	88003	64.33	86068	62.75	87360	62.50	86329	59.69	89346
104	542.9	4406.7	104	68.53	86107	64.51	88003	61.76	86068	61.05	86329	58.85	87360	58.62	85015
105	547.9	4406.7	105	67.17	86107	60.47	88003	59.94	86329	59.86	86068	57.65	85015	57.57	89346
106	477.9	4411.7	106	108.80	89014	106.88	88047	106.56	85360	104.61	85070	99.31	85040	97.82	87270
107	482.9	4411.7	107	121.39	89346	109.64	88047	100.47	85040	99.80	85070	99.24	85360	95.85	88059
108	487.9	4411.7	108	106.92	88059	106.26	88047	102.43	85360	96.25	85070	94.26	85040	94.02	87270
109	492.9	4411.7	109	121.53	88059	111.60	88047	103.85	85360	103.48	87270	103.10	86339	99.94	85070
110	497.9	4411.7	110	125.81	88059	108.10	88047	104.37	87270	103.40	87352	100.01	87337	99.49	87350
111	502.9	4411.7	111	128.01	88059	114.46	85340	108.82	87270	104.02	87333	103.74	88003	103.25	87352
112	507.9	4411.7	112	109.91	88059	100.07	88003	99.80	87339	97.83	87352	96.67	87270	94.82	85340
113	512.9	4411.7	113	133.56	88059	124.29	86339	119.02	87270	113.96	87359	113.37	87337	111.41	87339
114	517.9	4411.7	114	118.24	86355	109.64	87360	105.74	87333	105.49	85340	105.09	86351	103.91	86329
115	522.9	4411.7	115	89.45	88003	84.76	87360	78.01	87339	76.65	87325	75.90	86329	75.76	85340
116	527.9	4411.7	116	83.41	88003	77.56	87360	72.29	86107	71.64	87325	71.42	86329	68.97	88064
117	532.9	4411.7	117	82.57	88003	77.51	87360	70.66	86107	68.13	86329	64.83	88064	64.73	87325
118	537.9	4411.7	118	72.61	88003	68.85	86107	67.44	87360	63.92	86329	60.58	86068	60.08	88064
119	542.9	4411.7	119	68.71	86107	66.02	88003	62.03	86329	61.20	87360	58.37	86068	57.77	88029
120	547.9	4411.7	120	67.19	86107	63.71	88003	59.88	86329	57.40	87360	57.27	86068	55.98	88291
121	477.9	4416.7	121	102.37	85360	96.03	88047	94.92	85070	94.63	87351	89.69	87001	88.49	88059
122	482.9	4416.7	122	104.21	85360	98.63	88047	98.54	88059	98.32	88016	95.14	87270	94.44	85070
123	487.9	4416.7	123	109.57	88047	102.85	88059	97.80	85360	92.12	85070	90.29	87270	86.62	85040
124	492.9	4416.7	124	118.20	88059	106.63	87270	103.13	88047	100.98	86339	97.27	85360	96.15	87351
125	497.9	4416.7	125	122.37	88059	100.45	87270	99.70	88047	98.03	87352	97.42	87351	96.53	87337
126	502.9	4416.7	126	136.46	88059	114.35	87270	113.98	87337	111.95	85340	109.38	87333	105.53	87339
127	507.9	4416.7	127	102.99	88059	97.86	87270	93.54	87339	87.30	87350	86.99	87352	86.39	86355
128	512.9	4416.7	128	98.89	88059	92.11	88003	89.10	85340	87.36	87270	84.81	87352	83.38	87360
129	517.9	4416.7	129	84.85	88003	83.83	87352	82.31	88059	82.22	87339	82.07	87360	81.70	87325
130	522.9	4416.7	130	89.80	87360	87.51	88003	79.60	85340	79.09	87325	77.32	88064	74.46	87339
131	527.9	4416.7	131	79.33	87360	79.29	88003	71.95	87325	68.31	87339	67.52	86107	67.02	88064
132	532.9	4416.7	132	75.59	87360	74.60	88003	67.98	87325	67.10	86107	65.36	88064	63.13	85340
133	537.9	4416.7	133	74.70	88003	73.65	87360	66.58	86107	62.73	88064	62.23	87325	60.97	88029
134	542.9	4416.7	134	69.87	88003	66.29	87360	65.51	86107	60.10	85015	59.55	88064	58.70	88029
135	547.9	4416.7	135	66.27	88003	64.90	86107	60.73	87360	58.93	85015	57.47	86329	57.22	86068
136	477.9	4421.7	136	103.41	88059	102.15	85360	99.21	88047	93.74	85070	87.29	87270	85.53	86339
137	482.9	4421.7	137	94.98	85360	93.50	88059	92.32	89014	91.79	88047	91.33	85070	88.48	87333
138	487.9	4421.7	138	106.48	88059	99.67	85360	94.12	88047	91.28	87270	88.69	86339	87.93	86354
139	492.9	4421.7	139	111.69	88059	99.57	87270	97.90	87351	91.76	88047	91.59	87337	91.29	85360
140	497.9	4421.7	140	122.28	88059	100.20	87270	93.05	86339	93.03	86345	92.43	87351	91.20	87337
141	502.9	4421.7	141	121.42	88059	105.13	87270	97.77	87333	97.49	89004	95.37	87337	93.98	85340
142	507.9	4421.7	142	104.77	88059	100.20	87270	90.40	86355	89.80	87352	88.96	86345	88.57	87333
143	512.9	4421.7	143	101.30	88059	90.43	87270	86.32	85340	86.23	87339	84.99	87360	82.99	87352
144	517.9	4421.7	144	84.98	88003	84.67	87360	81.15	88059	79.34	87325	79.33	87352	78.74	85340
145	522.9	4421.7	145	79.32	87325	79.10	88003	78.29	87360	74.05	87339	73.84	85340	69.63	88064
146	527.9	4421.7	146	85.18	87360	82.74	88003	73.83	87325	72.65	88064	71.36	85340	66.03	87339
147	532.9	4421.7	147	77.29	88003	75.54	87360	70.09	87325	66.70	86107	65.00	88064	62.98	85364
148	537.9	4421.7	148	74.29	88003	72.38	87360	65.84	86107	65.36	87325	64.29	88064	61.29	88029

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
149	542.9	4421.7	149	73.92	88003	69.20	87360	65.44	86107	62.25	88064	61.03	87325	60.53	88029
150	547.9	4421.7	150	67.22	88003	64.36	86107	63.94	87360	59.15	88029	58.93	88064	57.61	85015
151	477.9	4426.7	151	98.41	85360	93.32	88059	90.06	85070	83.37	87270	80.66	89014	79.86	88047
152	482.9	4426.7	152	102.53	85360	95.17	88059	91.18	87333	87.84	87337	85.38	89014	83.54	87270
153	487.9	4426.7	153	103.05	88059	89.78	85360	89.70	87270	85.04	86339	83.08	87351	82.93	87337
154	492.9	4426.7	154	102.27	88059	94.83	87270	85.81	87351	83.79	87333	83.45	87337	80.93	86345
155	497.9	4426.7	155	115.60	88059	94.66	87270	87.90	87353	86.92	87337	82.25	86345	81.86	87351
156	502.9	4426.7	156	116.88	88059	102.83	87270	93.57	87333	91.19	89004	85.27	87337	84.89	86345
157	507.9	4426.7	157	95.20	88059	92.06	87270	85.69	86345	84.16	86355	82.85	87352	82.16	87339
158	512.9	4426.7	158	99.03	88059	89.64	87270	80.24	85340	79.13	87339	79.07	87360	77.96	86355
159	517.9	4426.7	159	80.84	88059	79.22	87360	77.89	87339	76.81	87325	76.44	85340	76.21	87270
160	522.9	4426.7	160	82.89	87360	78.98	88003	76.50	87325	73.18	87339	72.28	85340	69.50	88064
161	527.9	4426.7	161	76.76	87360	75.29	87325	75.23	88003	70.68	85340	67.94	88064	67.12	87339
162	532.9	4426.7	162	83.55	87360	81.25	88003	70.64	88064	68.96	87325	67.77	85340	63.86	86107
163	537.9	4426.7	163	76.52	88003	73.48	87360	68.40	87325	65.76	86107	64.60	88064	62.38	85364
164	542.9	4426.7	164	73.17	88003	71.29	87360	65.21	86107	63.79	88064	63.72	87325	60.99	88029
165	547.9	4426.7	165	73.01	88003	67.60	87360	64.89	86107	61.86	88064	60.92	88029	59.61	87325
1ADAM	505.5	4408.4	166	120.15	88059	111.14	87270	109.35	86355	106.86	88003	106.03	85340	105.56	87352
2ARVA	492.6	4405.6	167	123.46	88047	116.79	88059	107.16	85040	105.15	87270	103.13	88016	102.88	85360
3AURO	511.0	4399.0	168	107.82	88003	102.01	88064	100.59	88059	99.00	86068	98.42	86107	97.11	87352
414ST	500.7	4398.8	169	140.25	88064	136.08	88003	131.90	88059	128.14	87352	127.91	86107	127.46	88047
5CAMP	501.1	4399.9	170	135.91	88064	135.85	88003	134.81	88059	130.44	87352	125.88	87327	124.46	86107
6SBDY	501.9	4393.1	171	141.42	88064	139.47	88003	131.91	85007	121.85	87327	119.15	87352	117.89	87350
7ENGL	501.0	4386.3	172	134.90	88064	134.76	85007	130.92	86107	123.52	88003	115.61	85326	111.81	87352
8GOLD	480.8	4400.6	173	121.28	85040	120.64	88047	106.06	85070	99.31	85270	99.09	88016	90.12	88059
9LAKE	490.8	4395.6	174	125.77	88047	125.50	88064	122.92	85040	109.56	85270	102.34	88291	98.89	88016
10WELB	504.3	4409.7	175	115.31	88059	110.82	86355	103.95	87270	103.10	87352	101.89	87339	99.13	87333
11AURA	499.5	4399.4	176	127.51	88064	125.34	88059	122.21	88047	120.94	88003	117.38	85040	111.71	87352
12DWP1	505.5	4408.4	177	116.48	88059	109.21	87270	107.12	87352	106.97	88003	103.91	85340	102.74	87351
13DWP2	504.3	4409.7	178	113.74	88059	100.70	87352	100.09	87339	99.64	87270	98.55	87337	98.01	88047
361	482.9	4381.7	179	105.57	88064	102.71	85040	93.85	85270	90.74	88291	87.78	86284	86.30	89288
362	483.9	4381.7	180	110.50	88064	102.25	85040	94.16	85270	91.80	88291	89.32	86284	88.47	89288
363	484.9	4381.7	181	115.37	88064	103.10	85040	94.88	85270	93.11	88291	88.33	86284	87.92	89288
364	485.9	4381.7	182	112.50	88064	103.54	85040	97.48	85270	91.89	88291	91.31	89288	87.11	86284
365	486.9	4381.7	183	115.51	88064	104.51	85040	100.16	85270	96.08	89288	93.62	86107	91.55	88291
366	487.9	4381.7	184	117.75	88064	105.12	85040	100.60	85270	95.39	89288	94.26	86107	90.34	88291
367	488.9	4381.7	185	116.66	88064	104.91	85040	101.73	85270	98.54	89288	95.19	86107	90.13	88291
368	489.9	4381.7	186	118.35	88064	104.19	85040	102.16	86107	101.99	85270	101.09	89288	88.83	85007
369	490.9	4381.7	187	122.64	88064	103.13	89288	102.56	85270	100.42	85040	96.50	86107	91.76	89344
370	491.9	4381.7	188	124.43	88064	105.16	89288	104.70	85270	100.95	86107	100.04	85040	91.91	89344
371	492.9	4381.7	189	127.74	88064	110.50	86107	104.79	89288	102.67	85270	98.55	85040	95.45	89024
372	493.9	4381.7	190	126.21	88064	106.78	89288	101.42	85270	101.27	86107	97.91	85040	93.84	85007
373	494.9	4381.7	191	126.47	88064	107.17	89288	104.62	86107	103.21	85270	95.97	85040	93.02	89344
374	495.9	4381.7	192	126.60	88064	108.40	89288	106.19	85270	100.29	86107	96.71	89344	95.65	85040
375	496.9	4381.7	193	124.62	88064	108.74	86107	106.76	89288	105.92	85270	96.28	85040	95.58	85007
376	497.9	4381.7	194	126.94	88064	112.57	89288	107.81	86107	105.27	85270	101.62	85007	97.80	88003
377	498.9	4381.7	195	123.55	88064	111.56	89288	111.08	86107	107.77	85270	107.61	88003	106.07	85007
378	499.9	4381.7	196	127.86	88064	121.91	86107	111.76	89288	110.17	85007	106.96	88003	102.19	85270
379	500.9	4381.7	197	126.90	86107	124.52	88064	123.97	85007	114.53	88003	109.72	89288	107.12	85326
380	501.9	4381.7	198	131.19	88064	121.25	85007	118.47	88003	109.08	89288	107.71	85326	103.03	86107
381	502.9	4381.7	199	130.66	88064	117.69	88003	111.82	85007	111.14	85326	109.73	86107	106.51	89288

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
382	503.9	4381.7	200	132.56	88064	123.05	88003	108.51	85007	108.49	85326	105.69	89288	102.55	86107
383	504.9	4381.7	201	127.63	88064	116.93	88003	114.75	86107	109.80	85326	105.46	85007	102.09	85270
384	505.9	4381.7	202	124.60	88064	118.75	88003	112.64	85007	110.64	85326	105.17	86107	103.72	89288
385	506.9	4381.7	203	127.01	88064	121.26	88003	111.93	85326	110.23	85007	106.31	86107	101.89	87352
386	507.9	4381.7	204	125.21	88064	120.03	88003	115.87	85007	114.30	85326	109.25	86107	105.72	89288
387	508.9	4381.7	205	131.25	88003	124.92	88064	124.40	85007	118.57	85326	110.62	87352	106.40	86107
388	509.9	4381.7	206	136.86	88003	122.87	85007	122.87	88064	118.63	85326	114.04	89051	108.88	87352
389	510.9	4381.7	207	128.35	88003	111.44	85326	110.02	85007	107.72	88340	107.04	89051	106.22	88064
390	511.9	4381.7	208	108.47	88003	101.91	85326	99.81	88064	94.41	86068	94.16	88340	93.88	88354
391	512.9	4381.7	209	102.59	88003	97.74	85326	95.43	86107	95.42	88064	94.25	86068	90.89	85332
432	482.9	4382.7	210	105.12	85040	104.53	88064	95.27	85270	91.97	88291	89.44	86284	88.12	88047
433	483.9	4382.7	211	110.30	88064	105.28	85040	96.21	85270	92.21	88291	91.29	86284	89.67	88047
434	484.9	4382.7	212	115.16	88064	105.40	85040	96.59	85270	93.42	88291	91.29	86284	89.92	88047
435	485.9	4382.7	213	114.17	88064	106.00	85040	99.30	85270	94.89	88291	90.63	88047	90.52	89288
436	486.9	4382.7	214	116.58	88064	108.45	85040	101.78	85270	96.27	88291	95.04	89288	93.74	88047
437	487.9	4382.7	215	120.23	88064	106.61	85040	101.94	85270	96.47	86107	96.11	89288	93.76	88291
438	488.9	4382.7	216	118.64	88064	105.51	85040	103.29	85270	98.14	89288	94.92	86107	92.31	88291
439	489.9	4382.7	217	118.96	88064	105.80	85040	104.14	85270	102.83	86107	99.49	89288	91.98	88291
440	490.9	4382.7	218	123.19	88064	105.03	85040	104.69	85270	103.27	89288	96.74	86107	92.33	85007
441	491.9	4382.7	219	124.98	88064	106.30	85270	105.28	89288	101.93	85040	99.62	86107	94.97	89344
442	492.9	4382.7	220	127.39	88064	109.61	86107	104.31	85270	103.29	89288	99.73	85040	96.23	85007
443	493.9	4382.7	221	125.84	88064	106.23	89288	102.38	85270	99.71	86107	97.20	89024	96.21	85040
444	494.9	4382.7	222	128.13	88064	106.15	89288	104.07	86107	102.83	85270	95.89	85040	93.07	89024
445	495.9	4382.7	223	128.17	88064	110.14	89288	106.07	85270	100.76	86107	96.48	89344	94.00	85040
446	496.9	4382.7	224	126.95	88064	109.58	86107	108.01	89288	106.49	85270	96.37	85007	96.25	89344
447	497.9	4382.7	225	129.68	88064	112.08	89288	106.35	85270	106.02	86107	104.00	85007	98.37	88003
448	498.9	4382.7	226	124.81	88064	112.38	89288	111.83	86107	108.39	88003	108.32	85270	107.75	85007
449	499.9	4382.7	227	128.83	88064	119.95	86107	113.24	85007	111.16	89288	109.03	88003	102.87	85270
450	500.9	4382.7	228	127.64	86107	127.42	85007	126.78	88064	115.84	88003	110.15	89288	108.32	85326
451	501.9	4382.7	229	131.36	88064	123.94	85007	121.87	88003	109.26	89288	109.12	85326	102.98	85270
452	502.9	4382.7	230	130.57	88064	119.96	88003	114.98	85007	112.38	85326	108.25	86107	106.79	89288
453	503.9	4382.7	231	133.92	88064	124.76	88003	110.47	85007	109.15	85326	104.46	89288	103.67	85270
454	504.9	4382.7	232	126.33	88064	119.13	88003	111.58	86107	110.08	85326	109.75	85007	102.72	85270
455	505.9	4382.7	233	127.22	88064	120.41	88003	114.04	85007	110.57	85326	104.59	89288	103.81	86107
456	506.9	4382.7	234	127.31	88064	122.67	88003	112.50	85007	112.43	85326	106.08	86107	103.25	87352
457	507.9	4382.7	235	127.55	88064	124.61	88003	120.71	85007	116.36	85326	108.75	86107	106.98	89288
458	508.9	4382.7	236	138.49	88003	138.41	85007	132.10	88064	124.43	85326	118.97	87352	112.78	87356
459	509.9	4382.7	237	150.11	88003	133.68	85007	125.26	88064	124.65	85326	122.38	89051	121.05	87352
460	510.9	4382.7	238	123.91	88003	109.23	85326	108.62	85007	106.72	88064	104.13	88340	104.13	89051
461	511.9	4382.7	239	106.37	88003	102.18	85326	99.79	88064	99.59	86068	98.21	85007	93.37	89051
462	512.9	4382.7	240	102.48	88003	99.73	85326	96.81	86068	95.26	88064	93.55	85007	92.53	86107
503	482.9	4383.7	241	107.22	88064	106.71	85040	96.03	85270	91.67	88291	90.99	88047	87.87	86284
504	483.9	4383.7	242	111.06	88064	107.06	85040	98.18	85270	92.45	88291	91.82	88047	90.42	86284
505	484.9	4383.7	243	116.07	88064	108.27	85040	97.65	85270	93.81	88291	92.96	88047	91.84	86284
506	485.9	4383.7	244	115.17	88064	108.26	85040	100.40	85270	94.66	88291	94.15	88047	92.56	86284
507	486.9	4383.7	245	119.07	88064	110.30	85040	102.64	85270	97.52	88047	97.23	88291	94.51	86107
508	487.9	4383.7	246	121.36	88064	109.53	85040	102.40	85270	97.50	88291	96.49	86107	96.35	88047
509	488.9	4383.7	247	122.05	88064	109.45	85040	104.87	85270	99.03	89288	97.75	86107	97.40	88047
510	489.9	4383.7	248	121.08	88064	109.06	85040	105.77	85270	103.57	86107	98.08	89288	96.68	88047
511	490.9	4383.7	249	122.01	88064	108.93	85040	106.08	85270	101.45	89288	97.44	86107	94.18	88291
512	491.9	4383.7	250	125.89	88064	108.47	85040	106.38	85270	104.76	89288	99.81	86107	97.96	89344

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
513	492.9	4383.7	251	124.84	88064	108.59	86107	106.19	85270	105.09	85040	102.28	89288	97.13	85007
514	493.9	4383.7	252	126.08	88064	105.65	89288	103.27	85270	101.52	85040	99.36	86107	93.70	85007
515	494.9	4383.7	253	129.87	88064	106.99	86107	106.74	89288	104.84	85270	102.25	85040	100.35	89024
516	495.9	4383.7	254	130.28	88064	109.94	89288	108.11	85270	101.77	86107	101.46	85040	98.16	89344
517	496.9	4383.7	255	129.29	88064	112.75	86107	111.06	85270	110.49	89288	101.47	89344	100.35	85040
518	497.9	4383.7	256	132.38	88064	112.79	89288	109.57	85270	109.49	85007	107.56	86107	101.94	87356
519	498.9	4383.7	257	128.81	88064	113.43	89288	112.69	86107	110.12	85007	110.00	88003	109.41	85270
520	499.9	4383.7	258	129.84	88064	121.35	86107	116.63	85007	111.05	89288	110.81	88003	105.94	85270
521	500.9	4383.7	259	129.74	88064	129.30	85007	128.79	86107	115.75	88003	109.89	89288	109.20	85326
522	501.9	4383.7	260	132.84	88064	122.41	88003	120.60	85007	109.48	85326	107.33	89288	103.08	86107
523	502.9	4383.7	261	128.90	88064	117.48	88003	110.30	85007	109.93	85326	108.63	86107	104.37	89288
524	503.9	4383.7	262	134.53	88064	122.70	88003	108.27	85326	106.86	85007	103.06	89288	102.92	85270
525	504.9	4383.7	263	121.70	88064	116.85	88003	111.21	86107	108.12	85326	105.40	85007	101.74	85270
526	505.9	4383.7	264	125.49	88064	118.01	88003	109.11	85007	108.63	85326	102.24	86107	102.08	85270
527	506.9	4383.7	265	126.00	88064	121.68	88003	111.43	85326	110.24	85007	107.92	86107	103.15	87352
528	507.9	4383.7	266	130.02	88064	127.51	88003	121.15	85007	118.17	85326	112.44	86107	111.52	87352
529	508.9	4383.7	267	145.52	88003	140.81	85007	136.63	88064	130.30	85326	126.95	87352	119.67	87356
530	509.9	4383.7	268	153.36	88003	129.67	85007	129.64	88340	125.37	87352	122.33	88064	121.50	85326
531	510.9	4383.7	269	113.33	88003	105.08	85326	104.54	88064	99.26	86068	98.64	85007	97.06	86346
532	511.9	4383.7	270	105.12	88003	99.70	85326	98.29	88064	97.38	86068	93.91	85007	91.24	85332
533	512.9	4383.7	271	100.27	88003	97.76	85326	96.93	86107	96.35	86068	94.98	88064	90.87	85007
574	482.9	4384.7	272	113.36	85040	108.36	88064	98.61	85270	92.66	88291	91.49	88047	89.33	86284
575	483.9	4384.7	273	112.87	85040	111.32	88064	100.82	85270	92.82	88291	92.16	88047	90.36	86284
576	484.9	4384.7	274	116.27	88064	113.59	85040	99.99	85270	92.63	88291	92.45	88047	89.92	86284
577	485.9	4384.7	275	115.68	88064	114.40	85040	102.05	85270	94.62	88047	94.56	88291	91.42	89288
578	486.9	4384.7	276	123.68	88064	115.76	85040	103.88	85270	98.06	88047	96.98	88291	94.81	86107
579	487.9	4384.7	277	120.81	88064	111.53	85040	102.68	85270	98.22	88047	97.37	86107	95.21	88291
580	488.9	4384.7	278	124.56	88064	112.07	85040	104.70	85270	100.91	88047	97.65	88291	95.96	86107
581	489.9	4384.7	279	124.15	88064	110.38	85040	105.14	85270	103.51	86107	99.76	88047	97.33	89288
582	490.9	4384.7	280	121.73	88064	109.71	85040	105.09	85270	98.54	89288	97.52	88047	96.87	86107
583	491.9	4384.7	281	123.11	88064	110.46	85040	106.04	85270	102.42	89288	99.85	86107	97.58	88047
584	492.9	4384.7	282	121.39	88064	108.36	86107	105.89	85040	105.75	85270	100.79	89288	94.50	85007
585	493.9	4384.7	283	123.87	88064	105.47	85040	104.03	89288	103.90	85270	97.29	86107	93.22	88291
586	494.9	4384.7	284	127.82	88064	106.49	86107	104.63	89288	103.42	85270	102.89	85040	93.00	89024
587	495.9	4384.7	285	129.35	88064	106.87	85270	106.85	89288	104.25	85040	100.99	86107	97.86	89024
588	496.9	4384.7	286	130.35	88064	115.58	86107	113.55	85270	111.06	89288	103.34	89344	102.52	85040
589	497.9	4384.7	287	135.37	88064	115.51	85007	115.28	89288	114.49	87356	112.93	85270	112.35	86107
590	498.9	4384.7	288	131.91	88064	117.63	85007	116.39	86107	116.05	89288	115.75	88003	112.59	85270
591	499.9	4384.7	289	132.64	88064	123.67	85007	123.25	86107	115.82	88003	111.86	89288	110.24	85270
592	500.9	4384.7	290	132.96	85007	132.54	86107	132.54	88064	117.82	88003	111.74	85326	110.25	89288
593	501.9	4384.7	291	134.29	88064	121.95	88003	121.07	85007	109.69	85326	106.79	89288	104.78	86107
594	502.9	4384.7	292	130.05	88064	115.49	88003	108.60	85007	108.46	86107	108.11	85326	103.44	85270
595	503.9	4384.7	293	134.56	88064	120.76	88003	107.93	85326	105.89	85007	102.94	85270	102.69	89288
596	504.9	4384.7	294	120.95	88064	113.16	88003	110.52	86107	107.04	85326	103.22	85007	100.91	85270
597	505.9	4384.7	295	123.72	88064	115.57	88003	106.09	85326	106.03	85007	101.86	85270	100.57	86107
598	506.9	4384.7	296	123.16	88064	118.99	88003	109.63	85326	107.54	85007	106.86	86107	101.93	87352
599	507.9	4384.7	297	131.23	88064	127.45	88003	121.33	85007	120.93	85326	114.62	87352	114.42	86107
600	508.9	4384.7	298	148.32	88003	133.80	85007	133.04	88064	129.58	85326	128.57	87352	124.90	88340
601	509.9	4384.7	299	137.55	88003	117.48	88064	115.50	87352	114.70	85007	112.36	85326	111.65	88340
602	510.9	4384.7	300	109.31	88003	103.57	88064	102.30	85326	96.27	86068	94.82	85007	93.66	86107
603	511.9	4384.7	301	101.13	88003	97.00	88064	95.93	85326	95.60	86068	90.99	85007	89.54	86346

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
604	512.9	4384.7	302	100.72	88003	96.61	86107	95.38	86068	95.28	88064	95.20	85326	89.54	85007
645	482.9	4385.7	303	116.98	85040	110.64	88064	101.82	85270	97.46	88047	95.67	88291	90.51	86284
646	483.9	4385.7	304	117.20	85040	114.11	88064	103.01	85270	99.13	88047	95.65	88291	90.27	86284
647	484.9	4385.7	305	115.24	88064	114.55	85040	103.85	85270	96.39	88047	93.65	88291	89.88	86284
648	485.9	4385.7	306	117.03	85040	115.40	88064	106.20	85270	98.95	88047	95.55	88291	92.87	86284
649	486.9	4385.7	307	122.19	88064	116.59	85040	105.62	85270	102.62	88047	96.98	88291	93.44	86284
650	487.9	4385.7	308	126.42	88064	112.94	85040	104.33	85270	101.12	88047	97.88	88291	96.98	86107
651	488.9	4385.7	309	125.14	88064	110.84	85040	105.37	85270	100.81	88047	95.59	89288	95.37	86107
652	489.9	4385.7	310	127.17	88064	109.95	85040	105.43	85270	103.22	86107	100.75	88047	96.85	89288
653	490.9	4385.7	311	124.90	88064	108.92	85040	105.48	85270	99.70	88047	97.64	89288	96.83	86107
654	491.9	4385.7	312	126.41	88064	110.30	85040	107.63	85270	101.19	88047	101.18	89288	99.48	86107
655	492.9	4385.7	313	119.80	88064	106.44	86107	105.20	85040	104.89	85270	98.81	89288	95.51	88047
656	493.9	4385.7	314	122.29	88064	102.95	85270	102.14	85040	101.08	89288	94.90	88047	94.31	86107
657	494.9	4385.7	315	126.14	88064	103.81	86107	103.13	89288	102.15	85270	100.90	85040	94.06	88047
658	495.9	4385.7	316	126.83	88064	106.37	89288	105.73	85270	101.68	85040	101.38	89024	99.78	86107
659	496.9	4385.7	317	130.89	88064	113.20	86107	112.60	85270	111.18	89288	104.23	89024	103.79	85040
660	497.9	4385.7	318	135.05	88064	112.56	89288	111.82	85270	110.77	88003	110.70	85007	110.33	87356
661	498.9	4385.7	319	132.50	88064	117.36	89288	116.56	86107	115.43	88003	113.90	85270	113.62	85007
662	499.9	4385.7	320	134.85	88064	128.44	85007	122.81	86107	122.21	88003	112.52	89288	110.67	85270
663	500.9	4385.7	321	134.31	86107	134.03	88064	133.11	85007	119.33	88003	113.31	85326	111.34	87352
664	501.9	4385.7	322	135.02	88064	125.36	88003	123.62	85007	110.18	85326	106.89	89288	106.53	86107
665	502.9	4385.7	323	128.53	88064	120.25	88003	112.92	85007	110.48	85326	108.53	86107	105.27	85270
666	503.9	4385.7	324	136.37	88064	122.25	88003	110.21	85007	109.84	85326	103.95	85270	102.68	89288
667	504.9	4385.7	325	123.46	88064	116.72	88003	112.83	86107	108.17	85007	107.60	85326	104.11	85270
668	505.9	4385.7	326	125.41	88064	118.00	88003	110.89	85007	107.23	85326	104.10	85270	101.95	86107
669	506.9	4385.7	327	126.17	88064	122.96	88003	114.97	85007	113.17	85326	107.00	87352	106.99	86107
670	507.9	4385.7	328	135.16	88064	135.06	88003	131.87	85007	128.28	85326	122.91	87352	114.88	87356
671	508.9	4385.7	329	151.35	88003	141.50	85007	133.16	88064	133.05	88340	132.58	87352	128.67	85326
672	509.9	4385.7	330	134.10	88003	122.78	85007	116.82	88064	115.85	87352	113.36	85326	111.21	86346
673	510.9	4385.7	331	107.95	88003	103.79	88064	101.28	85326	97.87	85007	97.84	86068	92.76	86107
674	511.9	4385.7	332	101.53	88003	97.80	88064	95.48	86068	93.92	85326	91.80	85007	88.40	86107
675	512.9	4385.7	333	97.93	88003	95.93	86107	95.45	88064	94.84	86068	93.97	85326	89.87	85007
716	482.9	4386.7	334	121.62	85040	110.31	88064	105.41	88047	102.66	85270	97.93	88291	91.67	89024
717	483.9	4386.7	335	117.69	85040	113.02	88064	104.87	88047	103.21	85270	96.21	88291	93.70	85007
718	484.9	4386.7	336	117.96	85040	114.72	88064	106.28	85270	102.16	88047	96.54	88291	90.31	86284
719	485.9	4386.7	337	121.00	85040	115.86	88064	106.56	85270	105.59	88047	96.89	88291	90.18	89288
720	486.9	4386.7	338	119.25	88064	117.08	85040	105.40	85270	101.34	88047	97.09	88291	92.92	86107
721	487.9	4386.7	339	122.47	88064	114.10	85040	105.47	85270	100.92	88047	96.45	88291	93.63	86107
722	488.9	4386.7	340	125.60	88064	112.24	85040	106.07	85270	100.57	88047	96.23	88291	94.78	86107
723	489.9	4386.7	341	127.98	88064	112.60	85040	106.93	85270	101.29	86107	100.99	88047	95.72	89288
724	490.9	4386.7	342	128.47	88064	109.68	85040	106.67	85270	100.66	88047	97.46	86107	95.89	89288
725	491.9	4386.7	343	129.52	88064	109.90	85040	107.56	85270	102.74	88047	99.41	86107	98.95	89288
726	492.9	4386.7	344	121.09	88064	109.56	86107	107.32	85040	104.63	85270	99.04	89288	98.08	88047
727	493.9	4386.7	345	122.49	88064	105.55	85040	105.21	85270	99.90	89288	96.18	86107	95.39	88047
728	494.9	4386.7	346	127.11	88064	105.41	85040	104.49	85270	103.38	86107	101.49	89288	96.59	88047
729	495.9	4386.7	347	129.73	88064	107.31	89288	105.74	85270	105.21	85040	99.57	86107	99.03	88047
730	496.9	4386.7	348	130.59	88064	115.85	86107	114.79	89024	111.64	85270	109.70	89288	107.61	85040
731	497.9	4386.7	349	132.24	88064	111.40	89288	110.50	85270	108.62	88003	107.44	86107	106.09	85040
732	498.9	4386.7	350	131.31	88064	118.07	89288	114.67	86107	113.49	85270	112.62	87356	110.35	85007
733	499.9	4386.7	351	135.40	88064	131.81	85007	125.07	88003	122.37	86107	111.99	89288	110.47	85270
734	500.9	4386.7	352	134.41	86107	134.19	88064	127.10	85007	117.80	88003	113.09	85326	108.78	87352

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
735	501.9	4386.7	353	133.85	88064	125.29	88003	119.90	85007	109.75	85326	107.13	86107	105.08	89288
736	502.9	4386.7	354	129.25	88064	120.62	88003	110.28	85326	109.89	85007	108.51	86107	103.35	89288
737	503.9	4386.7	355	132.40	88064	119.99	88003	107.55	85326	106.73	85007	102.57	85270	102.27	86107
738	504.9	4386.7	356	120.22	88064	117.11	88003	114.00	86107	106.77	85326	105.40	85007	103.71	85270
739	505.9	4386.7	357	125.16	88064	119.97	88003	108.81	85007	107.95	85326	104.33	85270	101.46	86107
740	506.9	4386.7	358	129.44	88064	125.84	88003	116.58	85007	116.31	85326	111.65	87352	108.89	86107
741	507.9	4386.7	359	143.03	88003	136.46	88064	132.31	85007	130.01	85326	129.33	87352	119.62	87314
742	508.9	4386.7	360	150.79	88003	138.50	88340	138.35	85007	135.59	87352	133.29	88064	126.38	85326
743	509.9	4386.7	361	136.86	88003	121.29	85007	118.91	87352	118.04	88064	116.16	86346	111.10	85326
744	510.9	4386.7	362	106.56	88003	102.84	88064	98.85	85326	97.49	86107	96.69	86068	96.25	85007
745	511.9	4386.7	363	102.67	88003	98.88	88064	96.17	86068	93.04	85326	92.09	86107	89.64	85007
746	512.9	4386.7	364	100.26	86107	99.89	88003	97.47	86068	96.65	88064	93.93	85326	89.54	85007
787	482.9	4387.7	365	126.00	85040	108.14	88064	106.02	88047	104.32	85270	101.79	88291	87.19	86284
788	483.9	4387.7	366	119.51	85040	113.06	88064	104.12	88047	100.53	85270	98.36	88291	89.28	89288
789	484.9	4387.7	367	120.98	85040	111.93	88064	105.39	88047	104.72	85270	98.07	88291	88.99	86284
790	485.9	4387.7	368	120.02	85040	110.64	88064	103.73	88047	103.14	85270	97.61	88291	85.85	86284
791	486.9	4387.7	369	117.95	85040	112.69	88064	103.56	85270	101.61	88047	95.25	88291	90.47	86107
792	487.9	4387.7	370	118.47	88064	115.76	85040	104.33	85270	101.12	88047	95.66	88291	91.51	86107
793	488.9	4387.7	371	122.92	88064	115.89	85040	105.68	85270	101.97	88047	96.39	88291	93.56	89288
794	489.9	4387.7	372	125.64	88064	115.24	85040	107.73	85270	102.63	88047	99.75	86107	95.80	89288
795	490.9	4387.7	373	126.73	88064	113.55	85040	107.52	85270	100.87	88047	93.96	86107	93.71	89288
796	491.9	4387.7	374	129.72	88064	110.90	85040	108.82	85270	101.38	88047	95.59	89288	94.07	86107
797	492.9	4387.7	375	126.53	88064	110.18	86107	108.24	85040	107.86	85270	101.78	88047	98.71	89288
798	493.9	4387.7	376	127.02	88064	108.07	85040	105.94	85270	102.03	88047	99.95	89288	98.27	86107
799	494.9	4387.7	377	128.94	88064	107.69	85270	107.29	85040	105.49	86107	103.53	88047	100.70	89288
800	495.9	4387.7	378	130.73	88064	108.37	85040	107.65	85270	103.96	89288	103.20	88047	99.26	88003
801	496.9	4387.7	379	130.29	88064	113.67	86107	110.68	85270	108.94	89288	107.56	85040	104.30	88047
802	497.9	4387.7	380	133.16	88064	121.80	89024	114.33	85270	112.58	89288	111.81	86107	107.36	88003
803	498.9	4387.7	381	133.77	88064	126.52	87356	121.89	89288	121.03	85007	115.62	86107	115.28	85270
804	499.9	4387.7	382	143.55	85007	140.69	88064	128.63	88003	122.47	86107	120.49	87352	114.81	85326
805	500.9	4387.7	383	133.56	86107	133.11	88064	124.93	85007	120.07	88003	112.56	85326	107.62	89288
806	501.9	4387.7	384	134.24	88064	124.82	88003	119.74	85007	111.33	85326	106.07	86107	105.09	89288
807	502.9	4387.7	385	130.66	88064	118.19	88003	110.01	85007	109.38	86107	108.78	85326	102.78	85270
808	503.9	4387.7	386	130.34	88064	117.88	88003	107.87	85326	106.92	85007	102.43	85270	100.92	86107
809	504.9	4387.7	387	120.80	88064	116.22	88003	112.12	86107	107.36	85326	106.91	85007	103.59	85270
810	505.9	4387.7	388	123.01	88064	120.10	88003	113.67	85007	109.63	85326	103.01	85270	101.46	87352
811	506.9	4387.7	389	130.10	88064	130.07	88003	121.47	85007	119.90	85326	116.65	87352	110.12	85270
812	507.9	4387.7	390	143.43	88003	134.78	88340	128.94	87352	128.25	88064	123.05	85007	122.85	87351
813	508.9	4387.7	391	130.88	88003	124.47	88064	117.98	87352	113.49	85326	112.18	88340	111.25	88059
814	509.9	4387.7	392	127.76	88003	117.93	88064	113.08	87352	112.82	85007	106.64	85326	104.73	86346
815	510.9	4387.7	393	113.63	88003	107.01	88064	106.10	85007	104.91	86068	101.68	85326	100.52	86107
816	511.9	4387.7	394	108.43	88003	103.74	86068	101.13	88064	96.38	85007	96.07	85326	91.18	86107
817	512.9	4387.7	395	103.43	88003	98.84	88064	97.96	86068	96.99	86107	93.50	85326	89.84	85007
858	482.9	4388.7	396	115.99	85040	109.79	88047	106.40	88064	98.92	88291	98.00	85270	88.90	86284
859	483.9	4388.7	397	117.06	85040	113.13	88064	110.43	88047	100.71	85270	99.01	88291	89.60	86284
860	484.9	4388.7	398	116.96	85040	111.04	88064	108.85	88047	101.25	85270	96.07	88291	87.46	86284
861	485.9	4388.7	399	114.43	85040	105.74	88064	105.33	88047	99.72	85270	94.47	88291	85.64	86284
862	486.9	4388.7	400	113.87	85040	107.91	88064	105.56	88047	99.89	85270	94.52	88291	86.90	86107
863	487.9	4388.7	401	116.26	85040	112.16	88064	107.24	88047	101.59	85270	94.49	88291	88.70	86107
864	488.9	4388.7	402	117.25	88064	116.81	85040	108.32	88047	104.16	85270	95.05	88291	91.96	89288
865	489.9	4388.7	403	124.96	88064	117.29	85040	109.35	88047	108.24	85270	99.36	86107	97.50	88291

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
866	490.9	4388.7	404	123.87	88064	115.46	85040	107.84	85270	107.36	88047	96.89	89024	96.16	89288
867	491.9	4388.7	405	127.62	88064	117.11	85040	110.57	85270	108.42	88047	97.00	89024	95.88	89288
868	492.9	4388.7	406	128.79	88064	118.11	85040	112.73	85270	112.61	88047	108.68	86107	100.09	89024
869	493.9	4388.7	407	133.84	88064	114.41	85040	110.92	85270	108.04	88047	104.05	88003	103.79	85007
870	494.9	4388.7	408	134.34	88064	113.65	85270	112.10	85040	109.36	88047	105.78	86107	101.28	85007
871	495.9	4388.7	409	135.73	88064	110.64	85270	108.35	85040	106.22	88047	104.44	88003	103.27	89288
872	496.9	4388.7	410	130.57	88064	113.21	85270	110.85	86107	110.77	85040	109.68	88047	108.34	89288
873	497.9	4388.7	411	134.58	88064	116.49	85270	114.80	89024	113.99	88003	110.78	85040	110.25	86107
874	498.9	4388.7	412	142.34	87356	137.77	88064	123.75	89288	120.58	85007	116.95	89344	116.32	85270
875	499.9	4388.7	413	145.50	85007	143.17	88064	132.09	88003	126.98	87352	121.84	86107	118.63	85326
876	500.9	4388.7	414	137.95	88064	136.07	86107	133.12	85007	128.44	88003	118.00	85326	112.67	87352
877	501.9	4388.7	415	139.00	88064	132.23	88003	131.40	85007	114.99	85326	111.06	86107	109.05	87352
878	502.9	4388.7	416	135.05	88064	126.47	88003	123.53	85007	113.54	85326	112.47	86107	105.55	85270
879	503.9	4388.7	417	131.57	88064	123.45	88003	117.42	85007	111.47	85326	103.56	85270	103.08	89051
880	504.9	4388.7	418	123.31	88064	122.73	88003	116.63	85007	113.42	86107	110.00	85326	105.15	85270
881	505.9	4388.7	419	127.44	88064	125.94	88003	125.64	85007	114.29	85326	109.64	87352	105.82	85270
882	506.9	4388.7	420	138.07	88003	132.20	88064	128.19	85007	124.47	87352	123.07	85326	110.22	88021
883	507.9	4388.7	421	139.59	88003	126.20	87352	124.11	85007	123.36	88340	121.55	88064	117.39	85326
884	508.9	4388.7	422	125.01	88003	117.02	88064	110.92	87352	109.62	85007	108.89	85326	104.02	88340
885	509.9	4388.7	423	119.08	88003	115.50	88064	107.60	87352	107.02	85007	106.37	86068	104.34	85326
886	510.9	4388.7	424	112.90	88003	110.84	88064	106.66	86068	104.58	85007	101.43	87352	100.76	85326
887	511.9	4388.7	425	114.82	88003	107.78	88064	106.82	85007	104.48	86068	99.80	85326	97.82	87352
888	512.9	4388.7	426	109.49	88003	103.58	86068	101.71	85007	101.42	88064	98.71	85326	96.01	86107
929	482.9	4389.7	427	117.33	85040	108.12	88047	106.22	88064	98.91	88291	98.62	85270	89.68	86284
930	483.9	4389.7	428	120.03	85040	114.21	88064	109.98	88047	100.87	88291	100.29	85270	89.82	86284
931	484.9	4389.7	429	117.66	85040	108.12	88064	105.07	88047	99.54	85270	98.03	88291	87.07	86284
932	485.9	4389.7	430	117.63	85040	106.79	88064	104.56	88047	99.63	85270	96.34	88291	85.37	86284
933	486.9	4389.7	431	118.05	85040	109.25	88064	104.25	88047	100.81	85270	95.31	88291	85.75	86107
934	487.9	4389.7	432	117.34	85040	108.82	88064	103.75	88047	102.19	85270	95.47	88291	88.91	86107
935	488.9	4389.7	433	120.37	85040	114.91	88064	106.43	88047	104.76	85270	97.13	88291	90.64	89288
936	489.9	4389.7	434	123.76	85040	121.38	88064	111.29	88047	106.98	85270	98.50	88291	97.10	86107
937	490.9	4389.7	435	123.32	88064	120.10	85040	110.98	88047	106.54	85270	97.16	88291	94.97	86107
938	491.9	4389.7	436	123.38	88064	119.93	85040	110.65	88047	108.49	85270	96.90	88291	94.28	89288
939	492.9	4389.7	437	123.90	88064	120.94	85040	114.36	88047	110.34	85270	106.59	86107	97.63	88291
940	493.9	4389.7	438	128.81	88064	118.22	85040	110.07	88047	107.47	85270	98.60	86107	98.50	88003
941	494.9	4389.7	439	129.30	88064	118.70	85040	111.39	85270	109.41	88047	105.55	86107	99.03	88003
942	495.9	4389.7	440	133.44	88064	114.20	85040	110.90	85270	107.39	88047	103.33	88003	100.47	89288
943	496.9	4389.7	441	132.32	88064	117.69	85040	115.44	85270	110.21	86107	109.04	88047	104.87	89288
944	497.9	4389.7	442	136.95	88064	118.84	85270	115.94	85040	109.61	88047	109.31	88003	109.16	86107
945	498.9	4389.7	443	183.18	89024	141.68	88064	128.24	86107	126.97	87356	123.82	88004	121.63	85270
946	499.9	4389.7	444	141.73	88064	141.09	85007	135.92	88003	125.91	86107	125.90	85326	124.85	87352
947	500.9	4389.7	445	138.60	88064	137.41	86107	131.18	88003	130.57	85007	116.23	85326	114.61	87352
948	501.9	4389.7	446	139.48	88064	129.44	88003	124.00	85007	114.80	86107	112.05	85326	108.66	87352
949	502.9	4389.7	447	137.81	88064	126.83	88003	117.81	85007	113.70	86107	112.74	85326	105.77	87352
950	503.9	4389.7	448	130.75	88064	124.61	88003	113.04	85007	109.96	85326	106.05	86107	101.93	88047
951	504.9	4389.7	449	123.14	88064	122.60	88003	117.49	86107	113.24	85007	111.31	85326	104.80	87352
952	505.9	4389.7	450	131.19	88003	128.13	88064	125.95	85007	116.45	85326	113.55	87352	107.43	86107
953	506.9	4389.7	451	138.73	88003	126.62	87352	125.09	88064	123.58	88340	120.06	85007	118.84	87351
954	507.9	4389.7	452	125.62	88003	116.83	88064	114.65	87352	109.72	85326	107.51	86107	105.45	85007
955	508.9	4389.7	453	121.82	88003	112.71	88064	104.79	87352	103.67	85326	101.85	86068	100.94	85007
956	509.9	4389.7	454	109.36	88064	109.33	88003	101.85	86068	100.10	87352	99.46	85326	97.48	86107

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
957	510.9	4389.7	455	108.74	88064	107.34	88003	102.39	86068	100.98	86107	100.26	87352	97.86	85326
958	511.9	4389.7	456	118.00	88003	110.97	88064	103.20	86068	102.63	85007	101.54	87352	101.35	85326
959	512.9	4389.7	457	111.44	88003	104.32	86107	102.91	86068	102.66	88064	98.08	85007	97.71	85326
1000	482.9	4390.7	458	116.03	85040	106.82	88047	106.65	88064	101.25	85270	95.94	88291	91.99	86284
1001	483.9	4390.7	459	121.83	85040	114.17	88064	112.45	88047	102.69	85270	100.05	88291	92.33	86284
1002	484.9	4390.7	460	120.04	85040	109.69	88047	109.20	88064	100.01	85270	98.76	88291	87.67	86284
1003	485.9	4390.7	461	119.65	85040	108.39	88047	107.43	88064	102.26	85270	99.14	88291	86.94	86284
1004	486.9	4390.7	462	119.25	85040	111.30	88064	108.03	88047	102.96	85270	98.67	88291	86.86	86284
1005	487.9	4390.7	463	120.25	85040	110.11	88064	107.84	88047	102.43	85270	96.94	88291	87.78	86107
1006	488.9	4390.7	464	121.25	85040	113.28	88064	111.12	88047	104.71	85270	97.44	88291	88.91	89288
1007	489.9	4390.7	465	122.38	85040	120.18	88064	114.25	88047	106.94	85270	99.35	88291	94.70	86107
1008	490.9	4390.7	466	121.61	88064	119.82	85040	112.35	88047	106.80	85270	99.08	88291	94.61	89288
1009	491.9	4390.7	467	122.55	88064	118.11	85040	109.88	88047	107.67	85270	97.42	88291	94.01	89288
1010	492.9	4390.7	468	120.12	88064	118.30	85040	110.87	88047	109.22	85270	104.20	86107	97.85	88291
1011	493.9	4390.7	469	127.60	88064	116.56	85040	108.86	85270	108.17	88047	97.18	88291	97.09	88003
1012	494.9	4390.7	470	127.68	88064	118.72	85040	112.38	85270	109.09	88047	103.23	86107	98.84	88003
1013	495.9	4390.7	471	128.08	88064	117.06	85040	114.27	85270	109.06	88047	105.72	88003	99.00	89288
1014	496.9	4390.7	472	129.06	88064	117.62	85270	116.82	85040	111.40	88047	105.85	86107	103.97	88003
1015	497.9	4390.7	473	128.04	88064	118.52	85270	114.92	85040	112.50	88047	108.57	88003	105.08	89288
1016	498.9	4390.7	474	149.29	86339	145.68	88064	142.13	87350	139.21	88059	138.19	85040	137.49	85328
1017	499.9	4390.7	475	144.09	88064	131.42	85007	128.33	86107	126.97	88003	125.29	87352	123.58	87327
1018	500.9	4390.7	476	140.76	88064	134.16	86107	130.78	88003	129.35	85007	113.99	87352	112.56	85326
1019	501.9	4390.7	477	140.25	88064	132.06	88003	127.06	85007	111.68	85326	109.73	86107	108.96	87352
1020	502.9	4390.7	478	141.16	88064	130.70	88003	121.70	85007	114.04	85326	111.08	86107	107.64	87352
1021	503.9	4390.7	479	132.96	88064	130.66	88003	120.52	85007	112.41	85326	106.05	87352	103.16	88021
1022	504.9	4390.7	480	126.36	88064	125.78	88003	121.95	85007	116.45	86107	115.50	85326	108.67	87352
1023	505.9	4390.7	481	138.84	88003	134.68	85007	130.92	88064	122.57	87352	118.89	85326	111.87	88021
1024	506.9	4390.7	482	138.28	88003	125.75	87352	120.94	85007	120.89	88064	116.35	88340	113.72	85326
1025	507.9	4390.7	483	122.70	88003	114.13	88064	108.81	87352	107.08	85007	105.79	85326	102.50	86068
1026	508.9	4390.7	484	119.66	88003	111.63	88064	105.18	85007	103.76	87352	102.39	85326	102.18	86068
1027	509.9	4390.7	485	112.03	88003	108.54	88064	102.16	86068	99.97	87352	98.44	85007	98.35	85326
1028	510.9	4390.7	486	109.38	88064	106.91	88003	103.52	87352	101.88	86068	101.53	85007	98.70	85326
1029	511.9	4390.7	487	120.00	88003	109.57	88064	105.97	86068	103.88	87352	103.80	85007	101.63	85326
1030	512.9	4390.7	488	109.79	88003	103.60	86068	103.20	88064	97.12	86107	95.31	85007	94.09	87352
1071	482.9	4391.7	489	117.26	85040	110.98	88047	109.59	88064	103.60	85270	93.86	88291	91.32	86284
1072	483.9	4391.7	490	119.90	85040	115.57	88064	113.72	88047	106.23	85270	97.48	88291	92.01	86284
1073	484.9	4391.7	491	118.52	85040	111.75	88064	110.48	88047	102.70	85270	97.89	88291	91.42	86284
1074	485.9	4391.7	492	118.97	85040	111.03	88047	109.54	88064	105.03	85270	100.69	88291	89.42	86284
1075	486.9	4391.7	493	118.95	85040	113.21	88047	112.95	88064	104.66	85270	99.73	88291	88.86	86284
1076	487.9	4391.7	494	117.52	85040	114.32	88064	114.09	88047	104.72	85270	99.53	88291	89.03	86107
1077	488.9	4391.7	495	119.58	85040	115.40	88064	115.07	88047	107.72	85270	100.14	88291	90.18	89288
1078	489.9	4391.7	496	120.36	85040	115.74	88064	114.90	88047	106.82	85270	99.04	88291	94.40	86107
1079	490.9	4391.7	497	120.99	88064	119.01	85040	112.98	88047	106.42	85270	100.89	88291	92.90	89288
1080	491.9	4391.7	498	122.31	88064	119.65	85040	110.92	88047	107.87	85270	101.37	88291	93.73	89288
1081	492.9	4391.7	499	121.59	85040	119.30	88064	112.59	88047	110.90	85270	104.45	86107	100.79	88291
1082	493.9	4391.7	500	127.09	88064	118.28	85040	110.88	85270	110.67	88047	98.82	88003	97.54	88291
1083	494.9	4391.7	501	127.45	88064	117.50	85040	113.09	88047	111.51	85270	104.06	86107	98.50	88003
1084	495.9	4391.7	502	128.47	88064	118.86	85040	113.06	85270	113.00	88047	105.14	88003	100.01	87352
1085	496.9	4391.7	503	129.96	88064	120.27	85040	115.96	88047	113.11	85270	109.21	88003	105.49	86107
1086	497.9	4391.7	504	130.11	88064	119.16	85270	118.73	85040	112.70	88047	110.34	88003	106.32	85007
1087	498.9	4391.7	505	137.81	88064	127.14	85040	126.25	88059	125.68	88003	119.41	87352	118.49	85270

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP. NAME	LOCATION		RECP. NUMBER	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	UTME	UTMN		UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1088	499.9	4391.7	506	138.36	88064	129.92	87314	127.19	87352	121.17	85007	119.24	87350	118.60	88003
1089	500.9	4391.7	507	142.83	88064	133.92	86107	132.62	88003	129.86	85007	121.49	87327	116.89	87352
1090	501.9	4391.7	508	140.99	88064	134.25	88003	129.36	85007	112.78	85326	112.20	87327	111.90	87352
1091	502.9	4391.7	509	145.19	88064	133.62	88003	125.23	85007	115.70	85326	114.53	87352	113.00	86107
1092	503.9	4391.7	510	138.81	88064	138.66	88003	127.68	85007	115.98	85326	114.85	87352	109.59	88021
1093	504.9	4391.7	511	137.11	88003	136.08	85007	135.03	88064	122.99	86107	120.96	87352	119.70	85326
1094	505.9	4391.7	512	151.21	88003	139.99	85007	134.20	87352	130.11	88064	128.83	88340	126.39	87351
1095	506.9	4391.7	513	129.01	88003	118.34	87352	118.16	88064	112.27	85007	107.61	85326	106.44	86107
1096	507.9	4391.7	514	125.13	88003	113.59	88064	108.49	87352	106.22	85007	104.28	85326	101.04	86107
1097	508.9	4391.7	515	117.77	88003	107.43	88064	101.48	87352	101.00	86068	99.86	85326	99.84	88059
1098	509.9	4391.7	516	106.73	88064	106.32	88003	99.88	86068	98.02	87352	95.47	85326	94.96	88059
1099	510.9	4391.7	517	107.96	88003	105.76	88064	101.94	87352	101.20	86068	98.16	85326	95.26	85007
1100	511.9	4391.7	518	109.50	88003	104.09	88064	103.33	86068	98.45	87352	96.49	86329	94.84	85326
1101	512.9	4391.7	519	103.54	88003	101.87	88064	99.39	86068	97.55	86107	91.48	85007	90.89	87352
1142	482.9	4392.7	520	123.59	85040	111.03	88047	110.29	88064	105.28	85270	94.14	88291	90.69	88016
1143	483.9	4392.7	521	122.80	85040	114.35	88064	112.14	88047	108.38	85270	94.97	88291	90.66	88016
1144	484.9	4392.7	522	118.11	85040	111.78	88064	109.73	88047	105.36	85270	94.65	88291	89.68	88016
1145	485.9	4392.7	523	119.52	85040	112.30	88047	110.80	88064	105.48	85270	97.35	88291	88.55	88016
1146	486.9	4392.7	524	120.66	85040	115.43	88064	114.69	88047	106.24	85270	99.98	88291	90.77	88016
1147	487.9	4392.7	525	121.82	85040	116.65	88064	116.60	88047	106.26	85270	100.43	88291	90.67	88016
1148	488.9	4392.7	526	123.72	85040	118.11	88047	117.04	88064	108.49	85270	101.66	88291	95.21	87314
1149	489.9	4392.7	527	122.31	85040	117.25	88064	115.31	88047	108.20	85270	101.82	88291	95.91	86107
1150	490.9	4392.7	528	122.64	85040	120.20	88064	113.83	88047	107.96	85270	101.32	88291	93.43	86107
1151	491.9	4392.7	529	121.09	85040	119.85	88064	112.99	88047	108.03	85270	101.61	88291	94.07	86107
1152	492.9	4392.7	530	120.72	85040	119.82	88064	115.08	88047	109.63	85270	105.49	86107	100.64	88291
1153	493.9	4392.7	531	125.55	88064	119.10	85040	113.08	88047	108.00	85270	99.01	88003	97.59	88291
1154	494.9	4392.7	532	128.73	88064	120.34	85040	115.50	88047	108.00	85270	104.25	86107	99.51	88004
1155	495.9	4392.7	533	127.35	88064	119.47	85040	113.55	88047	110.79	85270	106.11	88003	102.08	88004
1156	496.9	4392.7	534	131.05	88064	123.49	85040	116.05	85270	113.96	88047	107.57	88003	105.86	86107
1157	497.9	4392.7	535	130.72	88064	115.33	85040	114.94	85270	112.84	88047	112.51	88003	105.38	87352
1158	498.9	4392.7	536	128.02	88064	116.22	88059	115.50	85040	113.48	88003	113.48	88047	110.70	85270
1159	499.9	4392.7	537	138.30	88064	121.85	87352	117.30	89288	116.57	85270	115.35	85007	115.17	88047
1160	500.9	4392.7	538	141.40	88064	132.38	85007	131.46	86107	130.03	88003	121.51	87352	118.13	87350
1161	501.9	4392.7	539	142.91	88064	138.37	88003	133.36	85007	122.81	87327	117.82	87352	115.73	86107
1162	502.9	4392.7	540	146.93	88064	138.57	88003	127.87	85007	120.42	87352	120.23	87327	119.81	85326
1163	503.9	4392.7	541	139.78	88003	137.32	88064	124.11	85007	117.89	87352	115.02	85326	113.80	87350
1164	504.9	4392.7	542	138.53	88003	134.51	88064	125.72	85007	124.28	87352	122.44	86107	120.25	87351
1165	505.9	4392.7	543	144.36	88003	131.31	87352	128.52	85007	126.14	88064	122.71	87351	111.49	88340
1166	506.9	4392.7	544	120.82	88003	115.00	88064	110.48	87352	104.07	86107	104.05	85326	103.89	85007
1167	507.9	4392.7	545	122.16	88003	112.58	88064	104.74	87352	102.22	86107	101.77	85007	101.25	85326
1168	508.9	4392.7	546	114.30	88003	106.82	88064	100.89	86068	100.37	87352	97.74	85326	96.82	88059
1169	509.9	4392.7	547	106.07	88003	105.69	88064	102.25	86068	97.47	87352	96.55	85326	93.50	86107
1170	510.9	4392.7	548	104.79	88003	102.82	88064	101.33	86068	98.00	87352	95.28	85326	94.77	86107
1171	511.9	4392.7	549	108.67	88003	101.86	86068	100.77	88064	96.60	87352	92.53	86329	92.40	85326
1172	512.9	4392.7	550	100.88	88003	100.84	88064	98.48	86068	97.81	86107	91.42	85326	90.98	87352
1213	482.9	4393.7	551	121.54	85040	111.81	88047	111.01	88064	106.14	85270	92.81	88016	92.70	88291
1214	483.9	4393.7	552	122.87	85040	114.73	88047	110.24	88064	105.88	85270	92.95	88291	90.14	88016
1215	484.9	4393.7	553	119.65	85040	113.78	88047	108.80	88064	105.70	85270	91.99	88291	88.17	88016
1216	485.9	4393.7	554	117.40	85040	113.40	88047	110.27	88064	106.07	85270	93.20	88291	88.11	85070
1217	486.9	4393.7	555	119.47	85040	116.84	88064	116.30	88047	109.01	85270	96.99	88291	89.88	85070
1218	487.9	4393.7	556	119.67	85040	118.93	88064	115.28	88047	109.20	85270	98.55	88291	90.70	86107

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	UTME	UTMN		NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3
1219	488.9	4393.7	557	121.94	85040	119.64	88064	117.34	88047	108.97	85270	100.75	88291	91.67	85070
1220	489.9	4393.7	558	121.84	85040	120.30	88064	117.27	88047	108.02	85270	101.46	88291	94.72	86107
1221	490.9	4393.7	559	121.66	85040	121.18	88064	117.18	88047	107.40	85270	102.41	88291	94.34	88016
1222	491.9	4393.7	560	119.81	85040	118.98	88064	116.81	88047	108.14	85270	101.77	88291	95.44	88016
1223	492.9	4393.7	561	121.70	88064	119.75	85040	118.87	88047	109.73	85270	104.27	86107	101.82	88291
1224	493.9	4393.7	562	128.20	88064	119.06	85040	116.73	88047	108.17	85270	104.14	88003	100.42	88291
1225	494.9	4393.7	563	127.68	88064	121.46	85040	114.64	88047	109.00	85270	102.88	86107	100.90	88003
1226	495.9	4393.7	564	128.30	88064	120.21	85040	112.63	85270	112.56	88047	106.54	88003	99.96	87350
1227	496.9	4393.7	565	130.69	88064	118.27	85040	116.58	85270	115.08	88047	105.12	86107	104.22	88059
1228	497.9	4393.7	566	128.82	88064	115.09	85040	115.02	88047	111.68	88003	110.27	85270	106.35	87352
1229	498.9	4393.7	567	127.13	88064	118.22	85040	118.04	88059	114.22	88003	114.19	88047	111.70	85270
1230	499.9	4393.7	568	137.25	88064	120.56	87352	118.20	88003	118.10	88047	117.90	85007	116.44	87356
1231	500.9	4393.7	569	141.49	88064	134.15	85007	131.88	86107	130.93	87350	130.44	88003	124.31	87352
1232	501.9	4393.7	570	145.75	88003	139.55	88064	139.20	85007	127.58	87352	123.14	87350	121.50	87327
1233	502.9	4393.7	571	143.46	88064	128.95	88003	115.56	87327	113.18	86107	112.95	85007	112.03	87352
1234	503.9	4393.7	572	133.19	88003	130.81	88064	113.71	85007	113.61	87352	108.85	85326	105.88	86107
1235	504.9	4393.7	573	132.17	88003	128.88	88064	120.27	87352	118.39	86107	117.56	85007	114.59	87351
1236	505.9	4393.7	574	137.39	88003	125.62	87352	124.49	88064	123.58	85007	111.57	87351	106.27	85326
1237	506.9	4393.7	575	121.74	88003	114.67	88064	105.68	87352	102.50	85007	101.96	85326	101.73	86107
1238	507.9	4393.7	576	119.96	88003	111.48	88064	103.86	87352	103.84	85007	100.75	86068	100.59	86107
1239	508.9	4393.7	577	115.28	88003	107.90	88064	104.88	86068	102.59	87352	99.39	85326	99.03	88059
1240	509.9	4393.7	578	105.57	88064	104.60	88003	102.47	86068	95.58	87352	95.06	85326	92.84	86107
1241	510.9	4393.7	579	103.26	88003	101.29	88064	101.14	86068	98.71	87352	95.13	85326	93.07	86107
1242	511.9	4393.7	580	108.83	88003	102.05	88064	101.59	86068	97.84	87352	93.58	86329	93.14	85326
1243	512.9	4393.7	581	101.79	88003	99.92	88064	98.70	86068	95.49	86107	93.34	87352	91.44	85326
1284	482.9	4394.7	582	126.55	85040	120.25	88047	113.13	88064	109.42	85270	96.69	88016	96.60	87314
1285	483.9	4394.7	583	119.34	85040	113.21	88047	109.56	88064	108.02	85270	90.89	88016	89.28	85007
1286	484.9	4394.7	584	118.30	85040	113.34	88047	107.65	85270	106.23	88064	90.88	88291	88.58	88016
1287	485.9	4394.7	585	120.65	85040	115.68	88047	110.37	88064	106.59	85270	92.39	88291	89.75	85070
1288	486.9	4394.7	586	120.96	85040	117.92	88047	116.16	88064	109.11	85270	94.40	88291	92.36	85070
1289	487.9	4394.7	587	121.38	85040	120.64	88064	118.42	88047	110.82	85270	96.33	88291	93.93	88016
1290	488.9	4394.7	588	120.54	88064	120.16	85040	117.90	88047	110.00	85270	97.63	88291	93.93	88016
1291	489.9	4394.7	589	121.83	88064	121.00	88047	120.11	85040	111.01	85270	101.96	88291	96.41	88016
1292	490.9	4394.7	590	124.31	88064	121.43	88047	121.14	85040	109.44	85270	102.65	88291	97.88	88016
1293	491.9	4394.7	591	122.34	88064	121.69	88047	120.48	85040	108.31	85270	102.82	88291	98.56	88016
1294	492.9	4394.7	592	124.50	85040	124.28	88064	123.16	88047	110.82	85270	106.02	87314	105.65	88291
1295	493.9	4394.7	593	128.83	88064	120.48	85040	118.54	88047	109.49	85270	106.90	88003	102.12	88291
1296	494.9	4394.7	594	128.44	88064	121.20	85040	117.60	88047	111.28	85270	101.71	88291	101.05	86107
1297	495.9	4394.7	595	128.83	88064	116.46	85040	115.99	88047	112.66	85270	104.29	88003	101.79	89024
1298	496.9	4394.7	596	129.48	88064	117.41	88047	117.01	85040	112.87	85270	105.30	88003	105.08	86107
1299	497.9	4394.7	597	126.90	88064	118.48	85040	115.14	88047	110.27	88003	109.77	85270	107.23	88059
1300	498.9	4394.7	598	128.31	88064	120.22	88059	117.56	88047	116.07	85040	112.27	88003	111.28	85270
1301	499.9	4394.7	599	134.62	88064	127.95	87356	126.05	88047	123.14	88059	121.75	87314	120.43	88003
1302	500.9	4394.7	600	139.67	88064	136.69	88003	131.89	85007	131.61	87352	128.50	86107	125.57	87350
1303	501.9	4394.7	601	135.39	88064	133.89	88003	128.99	85007	125.94	87352	117.81	87350	112.80	85326
1304	502.9	4394.7	602	138.09	88064	125.97	88003	119.21	85007	111.00	87352	110.17	85326	108.52	86107
1305	503.9	4394.7	603	133.03	88003	129.32	88064	114.54	85007	113.48	87352	107.59	87327	104.89	85326
1306	504.9	4394.7	604	130.61	88003	127.89	88064	121.22	87352	119.17	85007	115.15	86107	113.73	87351
1307	505.9	4394.7	605	137.31	88003	123.91	88064	123.86	87352	122.94	85007	107.36	87351	107.25	88340
1308	506.9	4394.7	606	120.79	88003	115.94	88064	105.60	87352	104.98	85007	101.51	86107	100.91	85326
1309	507.9	4394.7	607	122.21	88003	110.58	88064	103.86	87352	103.33	86068	101.99	88059	100.99	85007

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1310	508.9	4394.7	608	109.96	88003	105.79	88064	103.20	86068	98.60	88059	98.41	87352	95.96	85326
1311	509.9	4394.7	609	105.22	88064	104.53	88003	102.89	86068	94.98	87352	93.54	85326	92.68	88059
1312	510.9	4394.7	610	106.71	88003	101.75	86068	100.37	88064	98.45	87352	94.50	85326	93.32	88340
1313	511.9	4394.7	611	104.62	88003	100.17	88064	99.30	86068	98.79	87352	90.99	85326	90.99	86346
1314	512.9	4394.7	612	100.05	88064	98.75	88003	96.81	86068	94.70	86107	91.62	87352	89.94	85326
1355	482.9	4395.7	613	131.14	85040	128.04	88047	110.43	88064	108.93	85270	99.38	88016	98.40	87314
1356	483.9	4395.7	614	126.18	85040	116.75	88047	108.57	88064	107.65	85270	94.46	88016	91.29	88291
1357	484.9	4395.7	615	123.27	85040	115.06	88047	108.08	85270	105.62	88064	93.77	88016	91.30	85070
1358	485.9	4395.7	616	120.73	85040	114.27	88047	110.14	88064	109.46	85270	95.35	88016	92.42	85070
1359	486.9	4395.7	617	124.62	85040	120.14	88047	115.68	88064	111.39	85270	97.85	88016	95.71	88291
1360	487.9	4395.7	618	126.53	88047	125.95	85040	121.11	88064	112.49	85270	101.89	88016	99.70	87314
1361	488.9	4395.7	619	122.64	88047	121.34	85040	121.24	88064	110.54	85270	99.56	88016	96.79	88291
1362	489.9	4395.7	620	124.47	88047	123.21	85040	120.07	88064	110.36	85270	99.89	88291	98.91	88059
1363	490.9	4395.7	621	125.55	88064	124.72	88047	123.11	85040	108.67	85270	101.78	88291	97.98	88059
1364	491.9	4395.7	622	123.48	85040	122.54	88064	122.20	88047	108.54	85270	102.26	88291	98.01	88059
1365	492.9	4395.7	623	126.39	85040	126.13	88047	123.64	88064	112.19	85270	106.40	88059	104.24	88291
1366	493.9	4395.7	624	128.54	88064	122.16	88047	119.91	85040	111.46	85270	101.46	88003	100.90	88291
1367	494.9	4395.7	625	130.16	88064	123.00	88047	118.65	85040	114.41	85270	103.04	86107	102.78	88291
1368	495.9	4395.7	626	131.06	88064	121.49	88047	117.17	85040	110.43	85270	108.17	88003	103.07	88291
1369	496.9	4395.7	627	128.44	88064	121.77	88047	118.51	85040	110.55	85270	108.05	89024	107.80	86107
1370	497.9	4395.7	628	128.83	88064	122.95	88047	118.41	85040	113.91	88003	113.11	88059	109.87	85270
1371	498.9	4395.7	629	131.15	88064	126.66	88047	123.18	88059	120.97	85007	120.32	85040	115.11	88003
1372	499.9	4395.7	630	134.78	88064	130.42	88047	128.09	88003	128.07	88059	121.87	87356	121.56	85007
1373	500.9	4395.7	631	138.50	88064	132.83	88003	132.37	86107	129.46	85007	129.07	87352	120.02	88047
1374	501.9	4395.7	632	134.20	85007	134.14	88064	134.08	88003	125.84	87352	120.10	87350	116.75	85326
1375	502.9	4395.7	633	138.96	88064	129.08	88003	124.07	85007	119.88	87352	111.20	85326	109.12	88047
1376	503.9	4395.7	634	134.60	88003	128.12	88064	123.95	85007	120.15	87352	106.38	88047	105.59	85326
1377	504.9	4395.7	635	134.57	88003	126.31	87352	126.07	88064	125.42	85007	118.15	87351	111.97	88047
1378	505.9	4395.7	636	131.20	88003	120.35	88064	116.80	87352	112.96	85007	107.74	87351	104.31	86068
1379	506.9	4395.7	637	116.82	88003	115.66	88064	103.57	86107	102.08	86068	100.99	87352	99.95	88059
1380	507.9	4395.7	638	120.07	88003	111.36	88064	108.79	86068	104.10	87352	102.20	85007	101.69	86107
1381	508.9	4395.7	639	114.39	88003	107.61	86068	104.81	88064	99.23	87352	97.59	88059	94.39	85326
1382	509.9	4395.7	640	103.46	88003	102.87	88064	102.60	86068	92.96	88059	92.73	87352	91.65	85326
1383	510.9	4395.7	641	104.54	88003	100.90	88064	99.16	86068	95.65	87352	94.04	88059	91.70	86107
1384	511.9	4395.7	642	103.99	88003	99.87	86068	99.80	88064	99.26	87352	92.38	85007	91.07	86346
1385	512.9	4395.7	643	100.80	86068	99.68	88064	98.30	88003	95.13	87352	94.90	86107	92.06	85007
1426	482.9	4396.7	644	130.25	88047	128.22	85040	105.86	85270	104.66	88064	99.13	87314	98.74	88016
1427	483.9	4396.7	645	128.63	88047	127.97	85040	108.54	88064	107.95	85270	102.95	87314	100.80	85328
1428	484.9	4396.7	646	126.85	85040	126.00	88047	109.10	88064	107.74	85270	98.70	85328	98.09	88016
1429	485.9	4396.7	647	126.20	85040	125.08	88047	110.80	88064	109.28	85270	98.90	88016	97.55	85328
1430	486.9	4396.7	648	128.50	88047	126.10	85040	112.80	88064	111.01	85270	102.94	88016	101.15	85328
1431	487.9	4396.7	649	134.91	88047	129.85	85040	120.24	88064	114.54	85270	111.72	85328	110.10	88016
1432	488.9	4396.7	650	133.47	88047	127.96	85040	123.57	88064	112.54	85270	111.50	85328	105.58	88016
1433	489.9	4396.7	651	131.87	88047	126.85	85040	122.26	88064	116.61	85270	114.55	85328	106.81	87314
1434	490.9	4396.7	652	130.52	88047	127.29	88064	125.62	85040	113.58	85270	107.30	88003	106.16	85328
1435	491.9	4396.7	653	128.24	88047	123.50	85040	122.95	88064	112.18	85270	100.18	85328	99.78	88291
1436	492.9	4396.7	654	133.96	88047	126.00	88064	125.59	85040	115.05	85270	107.72	87314	105.70	85328
1437	493.9	4396.7	655	132.33	88064	130.55	88047	122.75	85040	114.80	85270	108.81	88003	107.07	87350
1438	494.9	4396.7	656	133.97	88064	129.69	88047	124.31	85040	116.56	85270	109.70	87314	108.29	88003
1439	495.9	4396.7	657	135.48	88064	129.47	88047	122.71	85040	114.84	88003	113.32	87314	112.50	85270
1440	496.9	4396.7	658	133.05	88047	131.44	88064	124.04	85040	113.82	88003	112.57	85270	111.81	87352

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1441	497.9	4396.7	659	134.22	88064	129.55	88047	122.86	88059	121.81	85040	119.28	88003	115.93	85007
1442	498.9	4396.7	660	135.60	88064	130.88	88059	130.71	85007	127.43	88047	126.71	85040	126.04	88003
1443	499.9	4396.7	661	131.39	88064	129.36	88003	126.16	88059	125.92	88047	121.31	87352	119.53	85007
1444	500.9	4396.7	662	140.54	88064	131.67	86107	130.24	85007	130.12	88003	127.83	87352	125.51	88059
1445	501.9	4396.7	663	140.45	88003	135.93	85007	135.07	88064	128.78	87352	119.91	87350	118.42	87327
1446	502.9	4396.7	664	135.30	88064	129.08	88003	122.31	87352	120.84	85007	115.57	88047	111.79	87327
1447	503.9	4396.7	665	137.07	88003	127.52	88064	125.01	87352	124.15	85007	116.31	87351	114.58	88047
1448	504.9	4396.7	666	127.51	88003	124.53	87352	123.45	85007	123.25	88064	112.52	87351	111.49	86107
1449	505.9	4396.7	667	130.33	88003	119.75	88064	115.22	85007	112.51	87352	103.17	86068	100.08	85326
1450	506.9	4396.7	668	116.99	88003	113.45	88064	102.53	86068	101.78	85007	101.42	87352	101.23	86107
1451	507.9	4396.7	669	118.72	88003	110.23	88064	104.79	86068	103.52	87352	103.17	88059	100.95	86107
1452	508.9	4396.7	670	111.83	88003	104.95	88064	101.32	86068	96.66	88059	95.71	87352	95.21	86107
1453	509.9	4396.7	671	106.71	88003	102.33	88064	96.53	86068	94.14	86107	93.68	87352	91.13	85326
1454	510.9	4396.7	672	105.40	88003	101.03	88064	96.69	87352	96.53	86068	96.13	88059	94.80	85007
1455	511.9	4396.7	673	105.94	88003	100.58	87352	100.45	88064	99.11	86068	95.20	85007	92.44	85326
1456	512.9	4396.7	674	101.94	88003	99.39	88064	98.28	87352	96.56	86107	95.83	86068	93.57	85007
1497	482.9	4397.7	675	133.38	85040	122.37	88047	103.51	85270	102.13	88064	101.31	88016	100.89	85070
1498	483.9	4397.7	676	137.46	85040	126.59	88047	106.04	85270	105.21	88016	104.12	85070	104.03	88064
1499	484.9	4397.7	677	136.10	85040	128.03	88047	107.88	85270	106.54	87314	106.40	88064	106.25	88016
1500	485.9	4397.7	678	134.41	85040	126.38	88047	110.64	88064	107.33	85270	105.57	88016	102.83	85070
1501	486.9	4397.7	679	131.97	85040	125.48	88047	110.31	88064	107.93	85270	105.63	88016	102.77	85070
1502	487.9	4397.7	680	129.58	85040	126.12	88047	110.40	88064	109.03	85270	106.98	88059	106.55	88016
1503	488.9	4397.7	681	126.90	88047	126.18	85040	113.06	88064	109.18	85270	108.19	88059	107.03	88016
1504	489.9	4397.7	682	133.06	88047	130.08	85040	116.46	88064	114.74	88059	111.88	85270	106.17	88016
1505	490.9	4397.7	683	130.05	88047	123.93	85040	121.32	88064	110.49	85270	109.50	88059	103.86	89014
1506	491.9	4397.7	684	128.95	88047	120.47	85040	118.91	88064	111.22	85270	108.66	88059	101.65	89014
1507	492.9	4397.7	685	132.76	88047	123.56	85040	123.14	88064	117.26	88059	113.62	85270	104.85	87270
1508	493.9	4397.7	686	132.03	88047	127.91	88064	119.16	85040	112.47	88059	110.51	85270	105.18	87350
1509	494.9	4397.7	687	134.31	88047	127.63	88064	121.61	85040	114.58	88059	110.17	85270	106.24	88003
1510	495.9	4397.7	688	134.99	88047	127.71	88064	121.71	85040	113.15	88059	110.08	88003	107.74	85270
1511	496.9	4397.7	689	131.88	88047	130.40	88064	124.13	85040	120.17	88059	110.78	86107	109.95	88003
1512	497.9	4397.7	690	132.43	88064	131.89	88047	126.65	88059	121.89	85040	118.84	87314	116.45	86107
1513	498.9	4397.7	691	134.20	88064	130.72	88059	128.12	88003	127.74	88047	121.92	85040	119.07	87352
1514	499.9	4397.7	692	128.33	88064	128.04	88047	127.94	88059	122.31	88003	121.15	86107	118.21	85040
1515	500.9	4397.7	693	141.72	88064	137.01	86107	132.42	88003	131.82	88047	129.95	88059	127.22	87352
1516	501.9	4397.7	694	137.62	88003	136.35	85007	134.44	88064	132.65	87352	121.27	88047	118.06	87327
1517	502.9	4397.7	695	135.56	88003	132.50	88064	126.06	87352	122.34	85007	114.21	88047	112.92	85326
1518	503.9	4397.7	696	132.85	88003	126.23	87352	124.97	88064	120.53	85007	112.60	87351	111.00	88047
1519	504.9	4397.7	697	128.03	88003	127.13	87352	124.91	85007	123.51	88064	118.16	86107	109.72	88047
1520	505.9	4397.7	698	133.99	88003	122.99	85007	121.31	88064	117.73	87352	106.96	86068	106.57	86107
1521	506.9	4397.7	699	118.95	88003	112.80	88064	107.24	86107	103.34	86068	101.98	87352	99.79	85007
1522	507.9	4397.7	700	116.31	88003	108.73	88064	107.42	86107	103.40	86068	102.09	87352	100.52	88059
1523	508.9	4397.7	701	114.00	88003	106.15	88064	103.53	86107	100.64	86068	97.59	88059	96.03	87352
1524	509.9	4397.7	702	110.83	88003	104.08	88064	102.09	86107	99.17	86068	97.33	87352	95.57	88059
1525	510.9	4397.7	703	106.70	88003	100.63	86107	100.47	88064	99.44	88059	98.66	86068	96.84	87352
1526	511.9	4397.7	704	104.20	88003	100.55	88064	100.05	87352	99.34	86068	98.35	86107	92.02	86329
1527	512.9	4397.7	705	104.71	86107	100.95	88003	99.12	87352	96.79	86068	96.64	88064	90.84	85007
1568	482.9	4398.7	706	125.23	85040	124.71	88047	103.28	85070	100.75	85270	98.79	88064	97.37	88016
1569	483.9	4398.7	707	127.73	88047	125.78	85040	103.23	85070	102.30	85270	99.85	88064	98.32	88016
1570	484.9	4398.7	708	130.90	88047	124.74	85040	105.51	85070	105.28	88016	102.53	85270	102.22	88064
1571	485.9	4398.7	709	128.18	88047	123.18	85040	109.52	88064	105.25	85270	104.99	88016	104.58	85328

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP. NAME	LOCATION		RECP. NUMBER	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	UTME	UTMN		UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1572	486.9	4398.7	710	125.63	88047	121.84	85040	107.07	88064	104.36	85270	102.44	85070	98.78	88059
1573	487.9	4398.7	711	128.55	88047	122.15	85040	104.49	88064	103.84	85270	101.10	85070	98.31	88059
1574	488.9	4398.7	712	130.02	88047	124.79	85040	108.98	88064	105.46	85270	104.52	88059	100.01	85070
1575	489.9	4398.7	713	130.33	88047	120.93	85040	111.97	88064	108.05	88059	107.60	85270	101.28	88016
1576	490.9	4398.7	714	126.46	88047	117.50	85040	115.66	88064	108.03	85270	105.48	88059	100.90	88016
1577	491.9	4398.7	715	126.23	88047	119.34	85040	114.62	88064	110.07	85270	104.45	88059	99.75	85070
1578	492.9	4398.7	716	131.20	88047	121.48	88064	119.19	85040	112.73	85270	109.60	88059	101.19	88016
1579	493.9	4398.7	717	133.68	88047	128.06	88064	117.99	85040	110.82	85270	108.09	88059	106.13	88003
1580	494.9	4398.7	718	135.43	88047	125.31	88064	118.34	85040	110.20	85270	109.63	88003	108.60	88059
1581	495.9	4398.7	719	130.18	88047	125.75	88064	119.25	85040	111.40	88003	109.58	85270	107.37	87352
1582	496.9	4398.7	720	130.46	88047	127.31	88064	121.67	85040	115.42	88059	110.62	85270	109.57	88003
1583	497.9	4398.7	721	132.89	88064	132.08	88047	125.70	88059	125.54	85040	117.77	88003	117.13	87314
1584	498.9	4398.7	722	132.71	88064	128.60	88059	127.93	88003	124.91	88047	121.71	85040	119.58	87352
1585	499.9	4398.7	723	131.95	88064	131.39	88059	126.26	88047	124.71	88003	119.91	85040	119.28	87314
1586	500.9	4398.7	724	144.60	88064	141.94	88003	135.31	88059	132.35	87352	129.89	85007	129.11	88047
1587	501.9	4398.7	725	144.35	88003	141.74	88064	138.22	85007	134.70	87352	130.44	87350	126.74	87314
1588	502.9	4398.7	726	144.43	88003	135.19	87352	134.69	88064	127.07	85007	121.47	87351	119.43	87350
1589	503.9	4398.7	727	140.92	88003	131.01	87352	127.66	85007	125.83	88064	116.03	87351	115.86	88047
1590	504.9	4398.7	728	134.18	88003	130.63	87352	122.67	85007	122.61	88064	118.44	87351	116.96	88059
1591	505.9	4398.7	729	130.79	88003	120.34	88064	117.55	85007	115.70	87352	105.99	86346	105.33	86329
1592	506.9	4398.7	730	119.04	88003	112.47	88064	102.54	87352	102.17	88059	101.88	86068	100.62	85007
1593	507.9	4398.7	731	120.49	88003	110.13	88064	104.93	88059	103.97	86068	103.34	88340	102.90	87352
1594	508.9	4398.7	732	116.28	88003	107.72	88064	101.48	86068	100.99	88059	99.60	87352	96.40	85007
1595	509.9	4398.7	733	114.45	88003	105.76	88064	99.51	87352	99.50	86068	97.84	88059	97.44	86107
1596	510.9	4398.7	734	108.06	88003	101.90	88064	100.69	88059	99.86	86068	97.18	87352	95.02	86107
1597	511.9	4398.7	735	105.70	88003	100.55	88064	100.15	87352	99.19	86068	95.71	86107	92.21	88059
1598	512.9	4398.7	736	102.29	88003	100.72	87352	99.95	86068	98.66	86107	96.26	88064	94.12	85007
1639	482.9	4399.7	737	123.40	85040	121.15	88047	102.30	85070	98.66	88016	98.57	85270	96.38	88064
1640	483.9	4399.7	738	124.86	85040	122.67	88047	104.89	88016	103.61	85070	97.95	85270	94.75	88059
1641	484.9	4399.7	739	124.86	88047	123.79	85040	104.26	85070	99.58	88016	97.13	85270	95.37	88064
1642	485.9	4399.7	740	133.76	88047	127.95	85040	106.36	85070	104.43	88059	103.70	88064	102.12	88016
1643	486.9	4399.7	741	128.66	88047	126.65	85040	109.24	88064	105.32	88059	103.88	85270	103.16	85070
1644	487.9	4399.7	742	124.28	85040	123.40	88047	105.51	88064	102.72	85270	102.71	85070	102.56	88059
1645	488.9	4399.7	743	124.61	85040	122.84	88047	107.64	88059	105.46	88064	104.11	85270	103.76	85070
1646	489.9	4399.7	744	123.78	85040	122.93	88047	111.42	88059	107.00	88064	106.94	85270	103.66	85070
1647	490.9	4399.7	745	122.45	88047	120.70	85040	113.21	88064	106.86	88059	106.17	85270	102.96	85070
1648	491.9	4399.7	746	125.23	88047	118.52	85040	111.78	88064	107.44	85270	107.16	88059	102.45	88016
1649	492.9	4399.7	747	128.50	88047	122.90	85040	116.88	88064	114.69	88059	110.13	85270	107.00	88016
1650	493.9	4399.7	748	126.69	88047	125.45	85040	124.85	88064	118.62	88059	112.96	85270	108.24	88003
1651	494.9	4399.7	749	124.15	88047	123.51	88064	119.60	85040	112.82	88059	109.72	85270	106.51	88016
1652	495.9	4399.7	750	123.02	88064	122.95	88047	119.36	85040	111.85	88059	109.55	88003	108.13	85270
1653	496.9	4399.7	751	124.92	88064	124.02	88047	121.36	88059	120.86	85040	111.03	85270	109.90	87270
1654	497.9	4399.7	752	129.49	88064	128.54	88047	124.17	88059	122.47	85040	117.15	87314	114.42	88003
1655	498.9	4399.7	753	131.03	88064	128.65	88059	123.16	88047	121.36	85040	118.67	88003	118.61	87352
1656	499.9	4399.7	754	137.15	88059	132.43	88064	127.27	88003	122.75	88047	121.35	85040	120.41	87352
1657	500.9	4399.7	755	141.37	88059	141.30	88003	139.19	88064	133.18	87352	127.08	86107	125.81	85007
1658	501.9	4399.7	756	138.87	88064	136.84	88003	130.61	87352	126.89	88059	124.67	87351	124.00	87333
1659	502.9	4399.7	757	135.32	88003	129.74	87352	127.66	88064	124.62	87351	119.91	88059	117.53	88047
1660	503.9	4399.7	758	131.88	88003	124.71	87352	121.57	88064	118.50	87351	113.32	85007	110.25	88047
1661	504.9	4399.7	759	127.31	88003	117.86	87352	114.78	88064	113.23	88059	107.32	87351	105.20	88047
1662	505.9	4399.7	760	122.32	88003	115.25	88064	110.63	87352	105.87	85007	101.78	88059	101.42	86329

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP. NAME	LOCATION		RECP. NUMBER	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	UTME	UTMN		UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1663	506.9	4399.7	761	118.00	88003	109.53	88064	105.31	88059	98.75	86068	98.75	87352	98.54	88340
1664	507.9	4399.7	762	117.47	88003	109.23	88064	107.52	88059	101.08	86107	99.91	87352	97.04	86068
1665	508.9	4399.7	763	115.49	88003	107.24	88064	103.84	88059	98.85	87352	97.09	86107	96.81	86068
1666	509.9	4399.7	764	111.87	88003	104.03	88064	100.10	88059	98.56	86107	96.53	87352	94.08	86068
1667	510.9	4399.7	765	106.85	88003	101.78	88059	101.01	88064	99.44	86107	95.52	86068	93.64	87352
1668	511.9	4399.7	766	104.90	88003	101.76	88064	97.86	86107	96.33	87352	95.82	88059	94.50	86068
1669	512.9	4399.7	767	105.70	88003	101.13	86107	98.49	87352	95.88	86068	95.84	88064	93.03	88059
1710	482.9	4400.7	768	125.33	88047	120.67	85040	105.50	85070	97.77	85270	95.96	88064	95.59	88016
1711	483.9	4400.7	769	123.05	88047	119.98	85040	103.82	85070	97.26	85270	93.15	88016	93.11	88064
1712	484.9	4400.7	770	121.87	85040	119.64	88047	102.94	85070	98.11	85270	94.89	88059	94.30	88016
1713	485.9	4400.7	771	125.50	85040	121.72	88047	105.53	85070	98.48	88064	98.26	85270	98.16	88059
1714	486.9	4400.7	772	130.73	85040	130.29	88047	112.37	88059	109.06	85070	106.24	88064	103.82	85270
1715	487.9	4400.7	773	122.65	85040	122.16	88047	107.97	88064	104.95	85070	104.21	88059	103.47	85270
1716	488.9	4400.7	774	122.55	88047	119.94	85040	106.42	88064	105.57	85070	104.46	85270	104.46	88059
1717	489.9	4400.7	775	125.07	88047	120.90	85040	110.08	88059	106.14	88064	104.87	85070	104.59	85270
1718	490.9	4400.7	776	124.83	88047	117.92	85040	108.49	88064	106.69	88059	102.81	85270	102.08	85070
1719	491.9	4400.7	777	122.43	88047	116.42	85040	108.10	88064	106.63	88059	102.83	85270	100.71	85070
1720	492.9	4400.7	778	124.91	88047	117.43	85040	113.81	88064	112.10	88059	105.78	85270	104.28	88016
1721	493.9	4400.7	779	121.84	88047	118.84	88064	116.57	85040	111.07	88059	106.52	88016	104.12	88003
1722	494.9	4400.7	780	121.39	88047	119.67	85040	117.23	88064	111.59	88059	106.91	88016	106.88	85270
1723	495.9	4400.7	781	119.23	88064	119.12	88047	115.32	85040	109.30	88059	109.24	85270	104.51	88016
1724	496.9	4400.7	782	121.05	88064	120.79	88047	119.62	88059	115.04	85040	110.86	85270	106.81	88016
1725	497.9	4400.7	783	126.85	88059	125.56	88064	123.97	88047	117.11	85040	114.74	88003	112.73	87270
1726	498.9	4400.7	784	133.86	88059	130.83	88064	122.99	88047	121.65	87314	117.02	87333	115.15	85040
1727	499.9	4400.7	785	138.98	88059	129.74	88064	126.02	88003	124.20	88047	123.74	87352	121.05	87001
1728	500.9	4400.7	786	138.48	88059	133.90	88003	132.05	88064	126.17	87352	121.52	88047	121.02	87333
1729	501.9	4400.7	787	134.54	88064	127.65	88003	121.58	87352	116.73	88059	114.30	88047	111.88	85007
1730	502.9	4400.7	788	130.34	88003	125.41	87352	122.71	88064	114.04	88047	113.07	88059	108.29	87351
1731	503.9	4400.7	789	127.34	88003	122.83	87352	120.16	88064	117.46	85007	110.18	87351	106.90	88047
1732	504.9	4400.7	790	123.17	88003	112.02	87352	111.81	88064	109.52	88059	104.84	88047	104.05	85007
1733	505.9	4400.7	791	122.87	88003	115.62	88064	109.97	87352	104.25	85007	102.31	86068	100.60	88047
1734	506.9	4400.7	792	115.50	88003	108.46	88064	102.60	88059	99.69	88047	98.94	87352	97.75	88340
1735	507.9	4400.7	793	115.54	88003	107.82	88064	104.22	88059	99.32	87352	97.70	88047	96.57	86068
1736	508.9	4400.7	794	112.88	88003	108.15	88064	101.71	88059	98.04	87352	96.30	88047	95.25	86068
1737	509.9	4400.7	795	112.53	88003	102.05	88064	96.94	86068	95.71	88059	94.90	87352	94.34	86107
1738	510.9	4400.7	796	102.40	88003	99.56	88064	97.97	88059	95.66	86068	93.12	86107	90.39	88047
1739	511.9	4400.7	797	105.46	88003	101.37	88064	97.75	86068	93.48	87352	93.26	88059	89.51	88047
1740	512.9	4400.7	798	106.53	88003	98.37	86068	96.33	88064	96.07	87352	94.14	86107	94.10	88059
1781	482.9	4401.7	799	119.69	85040	117.14	88047	103.27	85070	99.16	85270	94.28	88059	93.23	88016
1782	483.9	4401.7	800	117.75	85040	117.20	88047	104.59	85070	98.47	85270	95.39	88059	91.35	88016
1783	484.9	4401.7	801	120.08	88047	118.45	85040	105.83	85070	100.12	85270	97.20	88059	93.96	85360
1784	485.9	4401.7	802	120.47	88047	116.75	85040	106.04	85070	99.55	85270	99.41	88064	98.15	88059
1785	486.9	4401.7	803	127.46	88047	120.07	85040	110.28	85070	110.22	88059	103.82	88064	102.79	85270
1786	487.9	4401.7	804	127.39	88047	117.03	85040	107.16	88059	106.86	85070	105.39	88064	101.82	85270
1787	488.9	4401.7	805	128.44	88047	114.56	85040	107.18	88064	106.00	88059	103.10	85070	99.57	85270
1788	489.9	4401.7	806	128.62	88047	115.27	85040	110.15	88059	106.16	88064	102.02	85070	100.23	85270
1789	490.9	4401.7	807	123.84	88047	113.69	85040	107.19	88064	105.00	88059	99.54	85270	99.12	85070
1790	491.9	4401.7	808	123.09	88047	115.21	85040	106.74	88064	104.61	88059	101.54	85270	99.31	88016
1791	492.9	4401.7	809	124.78	88047	118.37	85040	112.56	88064	112.29	88059	103.81	85270	102.10	88016
1792	493.9	4401.7	810	123.03	88047	117.47	88064	115.94	85040	110.22	88059	103.24	88016	103.23	88003
1793	494.9	4401.7	811	121.74	88047	116.36	88064	114.62	85040	113.06	88059	109.89	88016	105.43	85270

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1794	495.9	4401.7	812	119.71	88047	118.05	88064	112.89	85040	112.53	88016	112.07	88059	104.63	88003
1795	496.9	4401.7	813	121.62	88059	119.01	88047	116.44	88064	116.36	85040	108.26	88016	106.66	85270
1796	497.9	4401.7	814	122.40	88059	118.65	88064	118.14	88047	113.55	85040	111.12	88003	109.35	87352
1797	498.9	4401.7	815	133.48	88059	122.45	88047	120.99	88064	117.37	87333	113.55	85040	110.92	87270
1798	499.9	4401.7	816	134.41	88059	127.60	88064	122.86	87314	122.09	88047	116.08	87352	115.46	87333
1799	500.9	4401.7	817	131.27	88059	130.32	88003	127.35	87352	126.64	88064	116.74	85007	116.33	88047
1800	501.9	4401.7	818	138.30	88064	128.43	88003	122.63	87352	120.87	88047	118.99	88059	113.24	87356
1801	502.9	4401.7	819	134.70	88003	130.32	87352	123.79	88064	122.97	88047	116.15	85007	115.48	88059
1802	503.9	4401.7	820	126.68	88003	125.36	87352	120.24	88064	118.77	85007	115.23	87351	110.78	88047
1803	504.9	4401.7	821	120.00	88003	111.14	88059	109.59	87352	109.23	88064	106.38	88047	101.06	85007
1804	505.9	4401.7	822	122.07	88003	113.22	88064	107.17	87352	103.59	88340	103.53	88047	101.77	88059
1805	506.9	4401.7	823	113.80	88003	109.02	88064	104.87	88059	102.71	88047	99.30	87352	95.06	87270
1806	507.9	4401.7	824	112.03	88003	106.66	88059	106.49	88064	104.22	88047	100.13	87352	97.06	87270
1807	508.9	4401.7	825	116.25	88003	111.13	88064	108.53	88059	106.14	88047	100.82	87352	100.56	89024
1808	509.9	4401.7	826	113.86	88003	109.02	86068	104.01	88064	102.40	88047	99.93	87352	99.27	85007
1809	510.9	4401.7	827	102.64	88003	99.73	88064	99.65	88059	98.75	86068	93.66	88047	90.65	87352
1810	511.9	4401.7	828	105.26	88064	105.17	88003	97.85	86068	97.29	88059	95.88	87352	94.57	88047
1811	512.9	4401.7	829	112.39	88003	102.52	87352	101.46	86068	98.57	88064	97.33	85007	95.34	85320
1852	482.9	4402.7	830	125.98	88047	117.66	85040	105.91	85070	95.97	88059	94.47	88016	94.21	85270
1853	483.9	4402.7	831	125.53	88047	115.65	85040	105.01	85070	96.92	88059	96.21	88016	95.19	85270
1854	484.9	4402.7	832	130.62	88047	120.15	85040	108.97	85070	102.87	88016	101.97	88059	100.88	85360
1855	485.9	4402.7	833	134.25	88047	118.05	85040	108.21	85070	101.87	88016	99.31	88059	98.80	85360
1856	486.9	4402.7	834	134.77	88047	120.77	85040	108.04	88059	106.42	85070	100.96	85270	100.84	88016
1857	487.9	4402.7	835	134.01	88047	123.55	85040	110.75	88059	105.75	88064	105.34	87314	104.69	85270
1858	488.9	4402.7	836	129.27	88047	122.61	85040	110.91	88064	109.74	88059	104.53	85270	103.52	85070
1859	489.9	4402.7	837	129.97	88047	122.07	85040	111.47	88064	110.93	88059	104.07	85270	103.33	85070
1860	490.9	4402.7	838	127.73	88047	116.39	85040	110.21	88064	107.64	88059	102.18	88016	101.91	85270
1861	491.9	4402.7	839	126.20	88047	115.81	85040	108.32	88059	107.00	88064	101.67	85070	101.28	85270
1862	492.9	4402.7	840	125.77	88047	117.05	85040	115.66	88059	110.07	88064	104.22	88016	102.64	85070
1863	493.9	4402.7	841	122.44	88047	116.23	88064	113.86	88059	113.50	85040	104.99	88016	103.15	87352
1864	494.9	4402.7	842	121.49	88047	115.86	88064	115.80	88059	110.74	85040	105.30	88016	103.56	87352
1865	495.9	4402.7	843	118.81	88047	118.05	88064	112.60	88059	107.32	85040	106.57	88003	102.88	88016
1866	496.9	4402.7	844	122.60	88047	120.76	88059	113.36	88064	108.58	85040	106.35	87314	105.35	87270
1867	497.9	4402.7	845	120.17	88047	117.85	88059	113.04	88064	109.81	85040	108.23	88003	105.98	87270
1868	498.9	4402.7	846	123.36	88059	117.01	88047	112.86	88064	109.18	85040	106.24	88003	104.78	87270
1869	499.9	4402.7	847	136.66	88059	124.08	88047	121.89	88064	118.35	87314	117.12	87270	115.82	87333
1870	500.9	4402.7	848	130.87	88059	130.53	87352	128.04	88003	127.62	88064	121.21	88047	120.74	87314
1871	501.9	4402.7	849	145.54	88003	140.03	88064	136.74	87352	133.70	88059	131.68	88047	127.00	85007
1872	502.9	4402.7	850	138.65	88003	133.58	87352	130.17	88064	127.98	88047	124.22	87314	122.11	88059
1873	503.9	4402.7	851	139.60	88003	137.13	87352	136.90	85007	126.97	88047	126.02	88064	121.95	87351
1874	504.9	4402.7	852	128.53	88003	120.77	85007	119.43	88047	119.36	87352	112.05	88340	111.87	88064
1875	505.9	4402.7	853	128.89	88003	113.90	88064	112.10	88047	110.95	87352	109.93	85007	102.45	88059
1876	506.9	4402.7	854	116.94	88003	109.41	88047	108.71	88064	107.72	88059	105.01	87352	99.90	88340
1877	507.9	4402.7	855	117.85	88003	111.31	88059	108.97	88047	108.44	88064	107.67	87352	104.45	85328
1878	508.9	4402.7	856	127.18	88003	124.08	88059	117.85	88340	114.38	87350	113.66	88064	113.55	87352
1879	509.9	4402.7	857	115.75	88003	111.52	88064	110.14	86333	110.01	87314	109.35	85328	106.99	86068
1880	510.9	4402.7	858	111.77	88003	105.16	88064	103.84	88059	103.41	86068	100.08	85320	99.86	87352
1881	511.9	4402.7	859	114.72	88003	108.52	88059	107.07	88064	106.29	87351	103.09	87352	102.59	86068
1882	512.9	4402.7	860	110.18	88003	102.48	87352	101.15	88064	100.38	87351	97.59	86068	97.40	88059
1923	482.9	4403.7	861	117.93	88047	112.19	85040	106.70	85070	97.21	88016	95.06	88059	93.69	85270
1924	483.9	4403.7	862	122.25	88047	112.17	85040	109.35	85070	101.55	85360	96.26	88016	95.67	88059

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP. NUMBER	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	UTME	UTMN		UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1925	484.9	4403.7	863	130.11	88047	124.74	85040	114.30	88059	110.97	85070	110.26	85360	104.63	89014
1926	485.9	4403.7	864	127.70	88047	115.05	85040	105.22	85070	104.48	88059	103.72	88016	101.82	89014
1927	486.9	4403.7	865	125.87	88047	117.90	85040	108.41	88059	106.47	85070	99.50	88016	99.48	85360
1928	487.9	4403.7	866	131.92	88047	123.04	85040	120.08	88059	109.23	85070	107.04	89014	106.69	85360
1929	488.9	4403.7	867	130.67	88047	121.90	85040	118.32	88059	107.77	88016	106.34	85070	105.74	87270
1930	489.9	4403.7	868	130.54	88047	123.10	85040	119.44	88059	110.64	88016	106.86	88064	106.50	85070
1931	490.9	4403.7	869	130.45	88047	122.87	85040	117.62	88059	111.28	88064	110.19	88016	105.80	85070
1932	491.9	4403.7	870	125.52	88047	120.84	85040	115.92	88059	111.51	88016	108.67	88064	104.37	85328
1933	492.9	4403.7	871	126.22	88047	120.47	88059	120.07	85040	115.11	88016	113.31	85328	112.99	88064
1934	493.9	4403.7	872	123.58	88047	120.65	85040	116.73	88064	115.87	88059	112.37	88016	111.44	87352
1935	494.9	4403.7	873	120.43	85040	119.62	88047	115.94	88059	112.56	88064	108.85	88016	106.66	85328
1936	495.9	4403.7	874	117.13	85040	115.54	88047	115.13	88064	112.59	88059	106.83	88003	103.86	87352
1937	496.9	4403.7	875	120.62	88059	116.33	85040	113.78	88064	113.72	88047	107.52	88003	107.49	87352
1938	497.9	4403.7	876	117.21	88059	116.64	88064	114.42	85040	112.15	88047	111.49	88003	110.81	87352
1939	498.9	4403.7	877	123.94	88059	115.46	88047	114.93	87314	113.28	88064	110.91	85040	109.28	88003
1940	499.9	4403.7	878	138.45	88059	124.53	88047	119.87	88064	119.09	87314	118.21	85040	117.56	87352
1941	500.9	4403.7	879	143.32	88059	135.31	87351	134.36	87352	131.23	88047	126.53	88003	124.85	85007
1942	501.9	4403.7	880	133.38	88003	131.72	88059	130.01	88064	128.29	87352	123.79	87351	123.59	88047
1943	502.9	4403.7	881	138.93	88059	128.38	88003	125.55	86351	125.54	88047	125.02	86339	124.24	87352
1944	503.9	4403.7	882	136.89	88003	132.49	86351	131.82	88059	131.10	87351	130.39	87352	127.15	86354
1945	504.9	4403.7	883	125.67	88059	123.37	88003	121.68	86351	119.21	87351	117.31	87352	116.20	88047
1946	505.9	4403.7	884	123.52	88003	112.92	88059	112.30	88047	110.85	87352	109.15	87351	108.41	88064
1947	506.9	4403.7	885	118.97	88059	109.71	88003	109.02	88047	107.56	86351	106.48	87270	104.59	88064
1948	507.9	4403.7	886	122.95	88059	112.81	88003	110.58	88047	110.09	86351	109.63	87270	109.53	86354
1949	508.9	4403.7	887	116.49	88059	113.11	88003	108.71	88047	108.54	87351	106.72	87270	106.68	86351
1950	509.9	4403.7	888	111.96	88047	111.35	88059	106.48	87351	105.41	86351	103.11	86354	102.33	87333
1951	510.9	4403.7	889	110.53	88059	105.21	87351	105.02	88003	104.86	88047	101.90	86351	100.86	87337
1952	511.9	4403.7	890	101.21	88059	100.40	88064	99.28	88003	97.50	87351	97.00	87337	95.96	88047
1953	512.9	4403.7	891	101.29	88003	99.46	86107	97.25	88059	96.36	88064	94.60	87352	91.73	87339
1994	482.9	4404.7	892	119.94	88047	116.67	85040	105.52	85070	102.40	88016	97.08	85360	94.24	89014
1995	483.9	4404.7	893	123.48	88047	115.28	85040	104.70	85070	104.05	85360	96.50	88016	96.03	88059
1996	484.9	4404.7	894	125.76	88047	115.88	85040	107.25	85070	101.86	88059	96.65	85360	96.06	88016
1997	485.9	4404.7	895	123.15	88047	114.74	85040	106.25	85070	101.42	88059	97.14	88016	96.29	85360
1998	486.9	4404.7	896	122.58	88047	116.00	85040	105.83	85070	101.70	88059	98.47	85360	97.46	88016
1999	487.9	4404.7	897	125.85	88047	118.92	85040	111.79	88059	107.47	85070	102.12	88016	101.16	85360
2000	488.9	4404.7	898	124.15	88047	117.04	85040	111.67	88059	106.95	85070	103.42	88016	99.78	85360
2001	489.9	4404.7	899	128.96	88047	121.32	85040	120.20	88059	108.97	85070	108.79	88016	108.00	85360
2002	490.9	4404.7	900	125.65	88047	118.59	88059	117.67	85040	113.52	88016	107.19	85070	106.23	89014
2003	491.9	4404.7	901	123.03	88047	119.23	85040	119.16	88059	112.41	88016	109.55	85360	109.07	85070
2004	492.9	4404.7	902	128.61	88059	127.49	88047	121.57	85040	114.54	87270	112.42	85360	110.46	88016
2005	493.9	4404.7	903	124.40	88059	124.18	88047	116.17	85040	111.94	88064	109.08	87270	107.39	88016
2006	494.9	4404.7	904	123.81	88059	119.78	88047	114.93	85040	111.80	88064	109.23	87270	106.59	87314
2007	495.9	4404.7	905	120.75	88059	117.18	88047	114.19	85040	111.75	88064	109.04	88003	107.48	87352
2008	496.9	4404.7	906	129.68	88059	118.09	88047	113.82	85040	113.14	87270	111.28	87314	108.93	88064
2009	497.9	4404.7	907	128.02	88059	117.19	88047	113.07	88003	112.59	87352	112.31	87270	111.50	85040
2010	498.9	4404.7	908	130.26	88059	116.74	88047	109.98	87270	108.59	87333	107.77	88064	106.89	87352
2011	499.9	4404.7	909	151.69	88059	133.65	86339	130.30	87270	123.45	88047	122.03	87333	121.34	87337
2012	500.9	4404.7	910	144.35	88059	142.31	87314	131.39	87333	129.17	87352	127.79	88047	126.17	87351
2013	501.9	4404.7	911	133.38	88003	128.83	87352	126.81	88064	121.35	88047	118.48	88059	115.59	87351
2014	502.9	4404.7	912	126.40	88059	120.49	88003	116.33	88047	114.26	87352	112.42	88064	110.91	87270
2015	503.9	4404.7	913	119.07	88003	115.00	88059	113.98	87352	112.18	88064	108.49	88047	106.46	87351

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	UTME	UTMN		NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3
2016	504.9	4404.7	914	124.99	88059	118.89	88003	113.86	87352	111.85	87270	108.98	88064	108.32	87351
2017	505.9	4404.7	915	121.56	88003	111.87	87352	109.02	88064	107.58	88059	104.49	88047	101.85	88363
2018	506.9	4404.7	916	116.59	88059	113.24	88047	109.75	88003	103.79	87351	102.39	87352	101.64	87270
2019	507.9	4404.7	917	117.49	88059	115.66	88047	109.28	87351	103.52	88003	103.32	87270	101.89	87339
2020	508.9	4404.7	918	105.76	88059	103.58	88047	100.32	88003	100.30	87339	97.28	87270	95.95	88064
2021	509.9	4404.7	919	98.34	88059	96.64	88047	96.60	88003	93.12	88064	91.25	87339	89.64	87270
2022	510.9	4404.7	920	99.06	88059	95.59	88064	95.23	88003	89.95	87339	89.60	88047	89.18	85340
2023	511.9	4404.7	921	98.94	88064	98.72	88003	94.38	88059	89.16	87360	87.70	88047	86.73	86107
2024	512.9	4404.7	922	99.76	88003	97.23	88064	97.02	88059	92.05	86107	91.99	87352	90.00	87360
2065	482.9	4405.7	923	121.85	88047	106.17	85070	102.07	85040	100.04	85360	95.00	88059	94.89	89014
2066	483.9	4405.7	924	123.09	88047	106.51	85070	102.06	85040	98.86	85360	96.88	88059	92.09	88016
2067	484.9	4405.7	925	125.00	88047	105.97	85070	104.12	85040	100.22	88059	96.37	85360	93.55	88340
2068	485.9	4405.7	926	122.01	88047	105.55	85070	103.17	85040	101.64	88059	97.06	85360	94.05	89014
2069	486.9	4405.7	927	123.78	88047	104.39	85070	104.05	85040	103.06	88059	97.68	85360	97.02	88016
2070	487.9	4405.7	928	128.39	88047	111.32	88059	106.91	85040	104.62	85070	102.58	88016	100.36	85360
2071	488.9	4405.7	929	124.08	88047	109.06	88059	107.53	88016	104.40	85040	102.31	85070	101.24	85360
2072	489.9	4405.7	930	124.50	88047	113.41	88059	111.75	88016	105.35	85040	105.24	85070	105.19	85360
2073	490.9	4405.7	931	123.85	88047	113.54	88059	106.56	88016	106.24	85360	103.72	85040	102.97	85070
2074	491.9	4405.7	932	123.77	88047	112.49	88059	104.65	85040	104.60	87270	103.56	85360	102.64	88016
2075	492.9	4405.7	933	125.01	88047	120.89	88059	110.33	87270	109.75	85040	104.67	88016	104.07	85360
2076	493.9	4405.7	934	123.28	88047	120.20	88059	111.80	85040	108.79	87270	106.46	88003	105.46	88064
2077	494.9	4405.7	935	123.93	88059	123.27	88047	112.03	87270	110.66	85040	106.97	89014	106.30	85360
2078	495.9	4405.7	936	124.63	88047	119.34	88059	106.94	88064	106.45	85040	105.01	87337	104.94	87270
2079	496.9	4405.7	937	129.29	88047	125.90	88059	110.93	87270	107.72	85040	106.76	86339	103.96	88064
2080	497.9	4405.7	938	130.70	88047	126.80	88059	110.89	85040	110.65	88064	108.51	87352	108.43	88003
2081	498.9	4405.7	939	131.31	88047	124.89	88059	114.77	88003	113.45	87352	108.48	85007	106.56	88064
2082	499.9	4405.7	940	127.85	88059	121.37	88047	111.81	87352	110.64	88003	107.28	87270	107.15	87351
2083	500.9	4405.7	941	151.92	88059	133.63	88047	126.56	87270	124.29	87314	123.68	87352	122.48	87351
2084	501.9	4405.7	942	139.88	88003	131.97	87352	126.95	88064	121.98	88059	119.19	87351	118.80	88047
2085	502.9	4405.7	943	125.55	88059	118.21	88003	118.09	88047	114.58	87352	114.17	88064	111.61	89024
2086	503.9	4405.7	944	126.99	88003	119.88	87352	119.01	88047	115.85	85007	110.64	88059	109.38	88064
2087	504.9	4405.7	945	126.83	88059	113.62	88047	109.76	88003	108.22	87270	107.39	87352	106.72	88064
2088	505.9	4405.7	946	127.52	88003	115.62	87352	113.07	88059	110.64	87351	110.24	88047	107.03	88064
2089	506.9	4405.7	947	112.93	88059	105.39	88003	99.49	87339	99.04	85340	97.65	88047	97.54	87270
2090	507.9	4405.7	948	111.22	88059	99.31	87270	96.68	87339	95.63	88003	94.96	85340	94.87	88047
2091	508.9	4405.7	949	101.90	88059	96.47	87339	96.40	87270	95.36	88003	92.45	88047	91.33	88064
2092	509.9	4405.7	950	97.97	88059	93.52	88047	91.18	88064	90.36	88003	89.87	87270	88.97	87339
2093	510.9	4405.7	951	98.00	88059	93.37	88003	91.32	88064	90.03	88047	89.36	87270	88.56	87339
2094	511.9	4405.7	952	96.45	88064	93.26	88059	89.55	88003	87.20	88047	87.08	85340	86.92	87339
2095	512.9	4405.7	953	98.81	88059	98.17	88064	96.92	88003	89.53	85340	89.21	87360	88.45	87352
2136	482.9	4406.7	954	118.72	88047	104.82	85360	102.86	85070	97.69	85040	95.14	89014	94.94	88059
2137	483.9	4406.7	955	122.04	88047	103.27	85070	99.35	85040	97.34	88340	96.23	88059	95.98	85360
2138	484.9	4406.7	956	121.31	88047	102.97	88059	102.64	85070	101.42	85040	97.43	85360	94.79	88016
2139	485.9	4406.7	957	123.14	88047	103.90	88059	102.44	85040	101.66	85070	99.21	88016	97.36	85360
2140	486.9	4406.7	958	124.46	88047	104.88	88059	103.88	85040	103.84	88016	102.20	85070	99.34	85360
2141	487.9	4406.7	959	124.65	88047	111.31	88016	110.72	88059	105.48	85360	104.60	85040	104.22	85070
2142	488.9	4406.7	960	122.57	88047	110.23	88059	109.98	88016	104.96	85360	104.64	85040	104.17	85070
2143	489.9	4406.7	961	124.78	88047	114.67	88059	106.81	85040	106.69	85360	103.41	87270	102.42	88016
2144	490.9	4406.7	962	124.10	88047	114.28	88059	106.19	85040	102.08	85360	102.04	87270	100.87	89014
2145	491.9	4406.7	963	121.60	88047	113.15	88059	106.62	85040	103.69	85360	103.53	87270	101.18	89014
2146	492.9	4406.7	964	125.83	88047	122.93	88059	109.55	87270	106.97	85040	106.00	85360	105.47	89014

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2147	493.9	4406.7	965	126.74	88047	114.98	88059	104.82	88003	104.38	88064	102.22	89014	102.19	87270
2148	494.9	4406.7	966	129.33	88047	119.98	88059	104.86	87270	104.17	85040	102.02	89014	101.26	85360
2149	495.9	4406.7	967	128.44	88047	117.07	88059	103.93	85040	101.71	87352	101.65	87270	101.19	88003
2150	496.9	4406.7	968	123.94	88047	120.51	88059	106.33	87270	103.42	85040	100.37	89014	100.25	87352
2151	497.9	4406.7	969	142.37	88059	126.56	88047	125.08	86339	122.44	87270	114.62	87337	114.06	85040
2152	498.9	4406.7	970	139.20	88059	125.49	88047	121.84	87314	121.20	87333	118.98	87270	116.46	86351
2153	499.9	4406.7	971	131.14	88059	123.52	88047	114.69	87352	110.21	87270	108.91	88003	108.45	87314
2154	500.9	4406.7	972	150.61	88059	132.17	88047	127.50	87314	126.76	87270	124.14	87352	120.99	86339
2155	501.9	4406.7	973	136.05	88003	133.78	87352	128.66	88059	124.02	87337	119.86	88064	118.22	89004
2156	502.9	4406.7	974	153.94	88059	146.46	86339	138.25	88003	133.11	87270	130.47	87337	129.20	87350
2157	503.9	4406.7	975	131.66	86355	122.83	87352	122.03	87333	121.57	86351	119.17	88003	118.54	88059
2158	504.9	4406.7	976	143.82	88059	123.55	88003	121.49	87314	121.26	87270	120.02	87001	118.62	85340
2159	505.9	4406.7	977	130.80	88003	124.00	87352	122.45	85007	119.96	87351	112.32	88047	111.68	86068
2160	506.9	4406.7	978	108.86	88059	104.96	88003	95.53	85340	95.52	87339	94.65	88047	94.61	87270
2161	507.9	4406.7	979	107.36	88059	100.12	88003	97.35	87270	94.51	88047	93.04	87339	92.95	85340
2162	508.9	4406.7	980	97.43	88059	94.58	87270	94.32	88003	92.03	87339	91.15	88047	88.61	86329
2163	509.9	4406.7	981	96.92	88059	92.31	88047	91.40	88003	90.38	87270	90.27	87339	87.44	88064
2164	510.9	4406.7	982	94.00	88059	90.44	88064	89.97	88003	89.52	87339	88.51	88047	88.01	87270
2165	511.9	4406.7	983	91.90	88003	90.99	88064	89.56	88059	88.47	88047	84.75	87339	82.87	85340
2166	512.9	4406.7	984	104.49	89024	104.26	88059	100.61	88064	96.30	88047	94.90	88003	92.25	85314
2207	482.9	4407.7	985	115.61	88047	103.17	85070	101.30	85360	96.55	88059	96.16	85040	93.72	89014
2208	483.9	4407.7	986	119.31	88047	101.94	85070	97.99	88059	97.00	85360	96.10	85040	92.13	89014
2209	484.9	4407.7	987	122.49	88047	104.22	88059	102.30	85070	98.36	85360	97.43	85040	94.06	88016
2210	485.9	4407.7	988	124.60	88047	105.80	88059	104.65	85070	102.10	85360	101.68	88016	99.31	85040
2211	486.9	4407.7	989	121.91	88047	109.61	88016	107.28	85070	105.96	88059	105.51	85360	100.39	89014
2212	487.9	4407.7	990	122.54	88047	110.48	88059	105.86	85070	104.51	85360	102.79	88016	100.27	85040
2213	488.9	4407.7	991	122.47	88047	111.89	88059	102.81	85360	102.10	85070	99.07	85040	97.49	87270
2214	489.9	4407.7	992	121.59	88047	114.17	88059	101.75	85070	101.31	87270	100.72	85360	97.56	85040
2215	490.9	4407.7	993	126.71	88047	114.24	88059	101.64	85360	100.47	87270	100.31	85070	98.44	85040
2216	491.9	4407.7	994	129.67	88047	113.36	88059	102.28	85360	101.30	87270	99.48	85040	98.67	85070
2217	492.9	4407.7	995	135.20	88047	120.10	88059	107.24	87270	103.76	85360	102.46	85040	99.10	88064
2218	493.9	4407.7	996	130.66	88047	116.71	88059	104.76	88064	101.16	87270	99.33	85360	98.86	85040
2219	494.9	4407.7	997	125.82	88047	121.34	88059	105.47	87270	99.80	88003	99.70	88064	98.54	85040
2220	495.9	4407.7	998	122.06	88047	116.53	88059	101.22	87352	101.05	87270	100.55	88003	99.11	88064
2221	496.9	4407.7	999	121.88	88059	121.35	88047	107.25	87270	102.25	87352	102.24	85360	100.97	87314
2222	497.9	4407.7	1000	123.95	88059	116.85	88047	107.53	87270	107.26	87352	102.95	87337	101.25	88003
2223	498.9	4407.7	1001	136.89	88059	117.71	88047	115.51	87270	111.76	87352	111.53	86339	109.97	86354
2224	499.9	4407.7	1002	135.37	88059	118.72	88047	118.45	87352	112.69	87270	112.60	87333	112.48	86339
2225	500.9	4407.7	1003	154.27	88059	136.66	86339	130.84	88047	130.20	87314	128.93	87270	126.18	87352
2226	501.9	4407.7	1004	140.45	88003	137.97	87352	134.27	88059	130.56	87350	126.12	87337	125.19	89004
2227	502.9	4407.7	1005	137.75	88059	121.01	88003	118.63	87352	116.37	87270	115.17	87314	113.80	85340
2228	503.9	4407.7	1006	120.68	87352	120.42	88003	118.42	88059	112.87	87351	110.53	87350	108.16	88340
2229	504.9	4407.7	1007	156.49	88059	150.57	86339	139.87	87270	138.13	87353	137.61	87337	135.29	87359
2230	505.9	4407.7	1008	144.17	86355	124.76	87333	122.66	86351	121.09	87339	120.83	86329	119.43	87352
2231	506.9	4407.7	1009	107.60	88059	105.53	88003	96.96	87352	94.74	85340	93.72	87270	92.77	88064
2232	507.9	4407.7	1010	106.19	88059	101.91	88003	96.15	87270	92.63	85340	90.75	87360	90.55	87339
2233	508.9	4407.7	1011	98.41	88003	96.22	88059	93.67	87270	89.24	87339	88.22	87360	87.62	88047
2234	509.9	4407.7	1012	92.34	88059	89.04	88003	88.62	88047	86.67	87270	86.15	87339	83.08	87360
2235	510.9	4407.7	1013	91.82	88059	89.69	88003	88.09	88064	87.03	88047	86.79	87339	86.70	87270
2236	511.9	4407.7	1014	92.13	88003	91.22	88059	88.08	88047	87.85	88064	86.76	87360	86.59	87339
2237	512.9	4407.7	1015	124.97	88059	111.40	88003	107.55	86339	107.08	87270	105.10	87314	103.90	85040

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	UTME	UTMN		NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3
2278	482.9	4408.7	1016	116.81	88340	116.47	88047	101.84	85070	96.76	88059	96.38	85040	95.65	85360
2279	483.9	4408.7	1017	119.74	88047	102.25	85070	97.99	85360	97.49	85040	97.14	88059	94.40	88016
2280	484.9	4408.7	1018	119.10	88047	111.68	88016	106.25	85070	103.50	88059	102.05	85360	98.68	85040
2281	485.9	4408.7	1019	116.15	88047	108.79	88016	106.39	85070	105.02	88059	103.93	85360	97.03	85040
2282	486.9	4408.7	1020	116.95	88047	106.75	88059	103.69	85070	100.59	85360	97.03	88016	96.33	85040
2283	487.9	4408.7	1021	122.45	88047	111.85	88059	103.37	85070	101.88	85360	97.44	85040	96.19	87270
2284	488.9	4408.7	1022	129.55	88047	112.65	88059	102.13	85360	101.57	85070	97.80	87270	97.45	85040
2285	489.9	4408.7	1023	131.93	88047	114.40	88059	103.39	87270	102.53	85360	99.45	85070	97.08	85040
2286	490.9	4408.7	1024	129.04	88047	110.88	88059	102.93	85360	98.31	87270	98.08	85070	95.14	85040
2287	491.9	4408.7	1025	125.23	88047	110.86	88059	102.05	85360	99.74	87270	96.58	85070	95.47	85040
2288	492.9	4408.7	1026	122.62	88047	119.08	88059	105.75	87270	104.06	85360	97.47	85040	97.46	89014
2289	493.9	4408.7	1027	118.56	88047	114.21	88059	100.55	85360	100.24	87337	99.83	87270	99.17	88064
2290	494.9	4408.7	1028	120.12	88059	118.48	88047	104.03	87270	101.33	85360	99.42	88064	98.24	87337
2291	495.9	4408.7	1029	116.01	88059	115.04	88047	103.91	87337	102.75	88003	101.43	87352	100.14	85360
2292	496.9	4408.7	1030	123.34	88059	115.45	88047	108.39	87270	105.39	87352	103.19	86339	101.21	87337
2293	497.9	4408.7	1031	127.59	88059	115.28	88047	113.58	87352	105.82	87270	105.82	87350	105.38	88003
2294	498.9	4408.7	1032	133.85	88059	118.40	88047	114.67	86339	114.15	87352	110.92	87270	110.27	87350
2295	499.9	4408.7	1033	134.74	88059	122.48	88047	117.12	87352	117.08	87270	109.78	87359	109.13	86339
2296	500.9	4408.7	1034	155.39	88059	133.07	86339	132.91	87270	131.15	88047	124.94	87001	124.50	87333
2297	501.9	4408.7	1035	139.02	88059	135.15	87337	132.31	88003	130.00	87352	129.73	87333	129.19	87351
2298	502.9	4408.7	1036	150.37	88059	128.72	86339	128.45	87270	126.17	85340	125.04	87333	124.39	87337
2299	503.9	4408.7	1037	132.20	86355	118.87	87333	118.64	88059	114.63	87339	114.55	87337	113.31	87352
2300	504.9	4408.7	1038	123.08	88059	109.17	85340	108.35	87270	106.53	87352	106.33	88003	101.15	86355
2301	505.9	4408.7	1039	110.76	88059	106.69	87352	105.76	88003	104.94	86355	103.03	87270	102.32	87360
2302	506.9	4408.7	1040	110.44	88059	105.35	88003	98.87	87352	98.23	87339	97.73	87270	96.92	87360
2303	507.9	4408.7	1041	105.50	88059	96.93	88003	96.26	87270	95.55	87339	93.34	85340	91.78	87360
2304	508.9	4408.7	1042	95.90	88059	95.31	88003	93.21	87270	91.89	87339	89.59	87360	85.63	88047
2305	509.9	4408.7	1043	91.94	88059	89.47	88003	88.34	87339	87.00	88047	86.39	87270	85.03	87360
2306	510.9	4408.7	1044	92.43	88059	90.01	87339	87.85	88003	86.91	87270	85.62	88064	85.60	88047
2307	511.9	4408.7	1045	92.53	88003	92.20	88059	89.64	87339	87.18	88047	86.54	88064	86.33	87360
2308	512.9	4408.7	1046	130.88	88059	115.50	86339	112.37	87270	112.32	88003	107.95	87337	107.30	87314
2349	482.9	4409.7	1047	116.36	88047	103.69	85070	97.45	85360	96.59	88059	95.40	88016	93.53	85040
2350	483.9	4409.7	1048	119.82	88016	113.88	88047	108.55	85070	99.31	85360	99.04	85328	95.44	88059
2351	484.9	4409.7	1049	116.01	88047	107.10	85070	102.58	88016	102.08	88059	101.77	85360	96.11	85040
2352	485.9	4409.7	1050	128.24	88047	103.71	85070	102.82	88059	98.30	85360	95.52	85040	90.53	89014
2353	486.9	4409.7	1051	134.41	88047	104.00	88059	100.24	85360	99.63	85070	95.79	85040	91.10	87270
2354	487.9	4409.7	1052	129.41	88047	106.69	88059	101.15	85360	98.90	85070	94.69	85040	93.11	87270
2355	488.9	4409.7	1053	122.47	88047	107.45	88059	102.69	85360	99.27	85070	95.91	87270	94.70	85040
2356	489.9	4409.7	1054	118.20	88047	110.26	88059	105.16	85360	99.75	87270	98.41	85070	95.22	85040
2357	490.9	4409.7	1055	115.35	88047	108.93	88059	101.96	85360	96.48	85070	95.97	87270	95.64	85040
2358	491.9	4409.7	1056	112.54	88047	110.50	88059	102.83	85360	96.98	85040	96.78	85070	96.40	87270
2359	492.9	4409.7	1057	117.04	88059	113.47	88047	103.38	87270	101.70	85360	98.28	85040	97.51	85070
2360	493.9	4409.7	1058	113.96	88059	112.19	88047	97.93	87270	97.82	87352	97.31	87337	96.96	88064
2361	494.9	4409.7	1059	121.74	88059	112.67	88047	102.18	87270	98.92	85360	98.80	88064	98.63	87352
2362	495.9	4409.7	1060	118.74	88059	113.95	88047	107.84	87352	104.63	88064	102.68	88003	102.37	87350
2363	496.9	4409.7	1061	127.04	88059	117.09	86339	116.89	88047	114.08	87352	111.65	88003	109.55	87270
2364	497.9	4409.7	1062	133.63	88059	117.02	88047	116.18	86339	113.39	87352	113.27	87270	112.21	87337
2365	498.9	4409.7	1063	137.63	88059	119.18	88047	118.54	87270	116.49	87359	115.45	86339	110.59	87337
2366	499.9	4409.7	1064	137.34	88059	122.99	88047	115.49	87270	112.55	87333	111.33	87337	110.99	87352
2367	500.9	4409.7	1065	147.22	88059	125.17	87333	124.81	87270	124.30	87351	120.80	86339	118.76	88047
2368	501.9	4409.7	1066	132.02	88059	127.00	88003	122.11	87337	120.40	87352	111.85	89004	111.61	87333

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2369	502.9	4409.7	1067	130.34	88059	112.93	85340	112.43	87270	107.85	88003	104.50	87333	102.04	87352
2370	503.9	4409.7	1068	113.16	88059	110.39	86355	110.37	87333	106.86	87352	102.91	87337	102.89	87339
2371	504.9	4409.7	1069	126.00	88059	111.97	87270	107.18	85340	104.61	86355	102.92	86351	102.87	87339
2372	505.9	4409.7	1070	110.72	88059	105.21	86355	104.88	87352	102.36	87339	101.97	88003	101.85	87270
2373	506.9	4409.7	1071	109.75	88059	101.71	88003	99.35	87270	99.03	87339	98.94	87352	97.36	87360
2374	507.9	4409.7	1072	104.64	88059	96.51	88003	95.16	87270	94.68	87339	92.91	85340	90.64	87360
2375	508.9	4409.7	1073	96.44	88059	94.67	88003	94.32	87339	92.66	87270	89.44	87360	86.06	87352
2376	509.9	4409.7	1074	92.86	88059	92.07	88003	91.84	87339	87.56	87360	86.34	87270	84.58	88047
2377	510.9	4409.7	1075	94.11	88059	91.44	87339	91.32	88003	87.87	87270	84.95	87360	83.48	88064
2378	511.9	4409.7	1076	93.77	88059	92.47	87339	91.16	88003	87.99	87270	86.25	87360	84.66	88047
2379	512.9	4409.7	1077	134.99	88059	120.60	86339	116.26	87270	111.52	88003	110.64	87359	109.89	87337
2420	482.9	4410.7	1078	119.72	88016	118.15	88047	115.53	85328	115.27	85070	103.50	86353	97.64	86346
2421	483.9	4410.7	1079	152.72	88047	104.12	85070	98.93	85360	93.95	88059	93.39	88348	92.91	89014
2422	484.9	4410.7	1080	138.68	88047	100.53	85360	100.17	85070	99.90	88059	94.12	85040	93.10	87351
2423	485.9	4410.7	1081	117.25	88047	101.45	88059	100.68	85360	98.74	85070	92.62	85040	90.26	89014
2424	486.9	4410.7	1082	109.78	88047	103.73	88059	103.35	85360	99.56	85070	93.21	85040	90.49	89014
2425	487.9	4410.7	1083	109.91	88047	106.28	88059	103.53	85360	97.94	85070	94.46	87270	93.33	85040
2426	488.9	4410.7	1084	109.55	88047	108.52	88059	103.90	85360	97.08	85070	94.23	87270	92.17	85040
2427	489.9	4410.7	1085	109.85	88059	109.26	88047	102.13	85360	98.82	87270	97.65	85070	94.04	85040
2428	490.9	4410.7	1086	110.18	88059	109.89	88047	101.40	85360	96.95	85070	95.47	87270	94.70	85040
2429	491.9	4410.7	1087	112.09	88059	110.34	88047	99.17	85360	97.31	87270	95.71	85070	95.12	85040
2430	492.9	4410.7	1088	120.48	88059	111.81	88047	105.40	87270	100.61	85360	97.90	85040	97.25	85070
2431	493.9	4410.7	1089	117.64	88059	111.89	88047	101.10	87352	100.33	85360	98.82	87337	98.78	86339
2432	494.9	4410.7	1090	127.26	88059	113.08	88047	112.81	86339	106.39	87270	105.11	85360	101.54	87352
2433	495.9	4410.7	1091	126.18	88059	117.97	86339	116.91	88047	108.71	87337	108.71	87352	107.36	85360
2434	496.9	4410.7	1092	131.14	88059	116.71	86339	116.11	88047	114.87	87270	113.34	87337	112.85	87359
2435	497.9	4410.7	1093	129.45	88059	112.41	88047	108.67	87337	107.94	87270	105.11	87359	104.88	87352
2436	498.9	4410.7	1094	125.73	88059	114.71	88047	106.49	87270	103.97	87352	100.86	87350	99.26	87339
2437	499.9	4410.7	1095	129.01	88059	110.74	87270	109.98	88047	106.77	87351	106.59	87333	105.73	87352
2438	500.9	4410.7	1096	141.28	88059	122.26	87270	117.36	87333	117.06	87351	114.03	87352	113.78	87353
2439	501.9	4410.7	1097	135.26	88059	121.50	88003	119.55	87337	118.42	87352	113.61	89004	111.22	88340
2440	502.9	4410.7	1098	128.46	88059	113.30	85340	111.14	87270	107.31	88003	103.73	87333	102.78	87352
2441	503.9	4410.7	1099	110.46	88059	104.16	87333	102.96	87352	102.03	87337	100.61	86355	100.54	87339
2442	504.9	4410.7	1100	119.96	88059	111.11	87270	104.46	86355	101.97	87339	100.84	85340	100.67	87352
2443	505.9	4410.7	1101	112.67	88059	104.83	87352	104.82	87339	103.48	87270	102.69	87333	102.67	86355
2444	506.9	4410.7	1102	108.98	88059	101.30	87339	99.62	87270	97.80	86355	96.68	87360	96.37	88003
2445	507.9	4410.7	1103	106.09	88059	96.36	87339	95.93	88003	95.85	87270	94.28	87352	90.70	85340
2446	508.9	4410.7	1104	97.10	88059	96.29	88003	94.06	87339	92.53	87270	89.71	87360	87.73	87352
2447	509.9	4410.7	1105	94.08	88059	92.29	87339	90.88	88003	87.54	87360	86.22	87270	83.25	87352
2448	510.9	4410.7	1106	94.47	87339	94.47	88059	94.27	88003	88.87	87270	87.81	87360	83.97	87337
2449	511.9	4410.7	1107	95.46	88059	95.33	87339	94.23	88003	89.41	87270	86.76	87360	84.86	87337
2450	512.9	4410.7	1108	137.60	88059	122.70	86339	119.45	87270	113.61	87359	111.83	87337	110.78	88003
2491	482.9	4411.7	1109	121.39	89346	109.64	88047	100.47	85040	99.80	85070	99.24	85360	95.85	88059
2492	483.9	4411.7	1110	107.99	89346	106.06	88047	100.61	85360	100.03	85070	98.73	85040	92.58	88059
2493	484.9	4411.7	1111	106.00	88047	103.07	85360	99.87	88059	99.68	85070	96.97	85040	95.42	89346
2494	485.9	4411.7	1112	104.42	88047	102.44	85360	101.86	88059	97.81	85070	93.78	85040	89.76	89346
2495	486.9	4411.7	1113	106.49	88047	104.77	88059	102.43	85360	97.32	85070	94.64	85040	91.87	87270
2496	487.9	4411.7	1114	106.92	88059	106.26	88047	102.43	85360	96.25	85070	94.26	85040	94.02	87270
2497	488.9	4411.7	1115	107.19	88059	106.58	88047	101.32	85360	96.23	85070	95.24	85040	94.10	87270
2498	489.9	4411.7	1116	109.45	88059	107.54	88047	99.94	85360	96.91	87270	96.21	85040	95.78	85070
2499	490.9	4411.7	1117	111.29	88059	108.48	88047	99.10	85360	97.12	85070	95.36	85040	94.15	87270

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2500	491.9	4411.7	1118	114.62	88059	108.97	88047	101.00	85360	98.70	85070	96.55	87270	95.67	85040
2501	492.9	4411.7	1119	121.53	88059	111.60	88047	103.85	85360	103.48	87270	103.10	86339	99.94	85070
2502	493.9	4411.7	1120	120.94	88059	116.16	88047	105.11	87352	103.03	85360	101.25	86339	100.41	85070
2503	494.9	4411.7	1121	130.29	88059	117.33	88047	111.07	86339	108.74	87270	107.52	87350	107.15	87314
2504	495.9	4411.7	1122	122.28	88059	115.79	88047	111.12	88340	109.20	87352	108.07	87337	107.17	87359
2505	496.9	4411.7	1123	121.23	88059	109.80	88047	107.67	87270	103.98	87352	101.95	87337	98.96	87351
2506	497.9	4411.7	1124	125.81	88059	108.10	88047	104.37	87270	103.40	87352	100.01	87337	99.49	87350
2507	498.9	4411.7	1125	124.04	88059	109.62	87270	108.82	88047	105.67	87352	100.71	87333	100.55	87351
2508	499.9	4411.7	1126	127.58	88059	110.81	87333	110.74	87351	108.96	87270	104.75	88047	103.88	87352
2509	500.9	4411.7	1127	144.73	88059	124.45	87270	117.70	87351	115.83	87333	114.29	87353	114.18	86339
2510	501.9	4411.7	1128	135.30	88059	120.50	87337	119.03	88003	118.78	87352	115.12	89004	111.54	88340
2511	502.9	4411.7	1129	128.01	88059	114.46	85340	108.82	87270	104.02	87333	103.74	88003	103.25	87352
2512	503.9	4411.7	1130	114.43	88059	104.57	87333	103.44	87337	101.24	87352	100.16	87339	99.22	88003
2513	504.9	4411.7	1131	115.34	88059	108.01	87270	106.69	86355	102.57	87352	101.35	87339	99.12	85340
2514	505.9	4411.7	1132	108.89	88059	100.27	87352	99.60	87339	96.98	87270	95.40	86355	94.81	88003
2515	506.9	4411.7	1133	112.27	88059	102.58	87339	100.75	87270	97.65	87352	94.81	87350	94.38	86355
2516	507.9	4411.7	1134	109.91	88059	100.07	88003	99.80	87339	97.83	87352	96.67	87270	94.82	85340
2517	508.9	4411.7	1135	98.01	87339	97.88	88059	97.86	88003	95.87	87352	92.34	87270	92.11	87325
2518	509.9	4411.7	1136	97.47	88059	93.84	87339	93.33	88003	89.68	87360	87.25	87337	86.89	87270
2519	510.9	4411.7	1137	95.93	88003	94.11	88059	92.93	87339	88.99	87360	87.96	87270	85.83	87337
2520	511.9	4411.7	1138	96.04	88059	94.95	87339	93.06	88003	88.74	87270	88.41	87360	86.52	87337
2521	512.9	4411.7	1139	133.56	88059	124.29	86339	119.02	87270	113.96	87359	113.37	87337	111.41	87339
2562	482.9	4412.7	1140	102.39	88047	101.93	85360	100.01	85070	98.09	88059	90.73	85040	90.18	87327
2563	483.9	4412.7	1141	101.02	88047	99.75	85360	98.24	85070	92.64	88059	89.21	85040	87.81	89014
2564	484.9	4412.7	1142	104.15	88047	100.63	85360	99.46	88059	97.78	85070	90.82	85040	88.19	86329
2565	485.9	4412.7	1143	102.94	88047	101.26	88059	100.40	85360	96.22	85070	91.77	85040	88.80	87270
2566	486.9	4412.7	1144	102.40	88047	102.33	88059	102.18	85360	96.93	85070	91.44	85040	90.12	87270
2567	487.9	4412.7	1145	104.88	88059	101.26	88047	98.78	85360	95.94	85070	90.86	87270	89.90	85040
2568	488.9	4412.7	1146	106.54	88059	100.84	88047	97.21	85360	96.60	85070	90.75	87270	89.69	85040
2569	489.9	4412.7	1147	109.04	88059	101.77	88047	98.96	85360	97.35	85070	93.24	87270	91.34	85040
2570	490.9	4412.7	1148	111.29	88059	106.37	88047	102.58	85360	98.91	85070	93.42	85040	93.30	87270
2571	491.9	4412.7	1149	118.95	88059	110.12	88047	104.99	85360	102.52	85070	100.37	86339	99.24	87270
2572	492.9	4412.7	1150	130.29	88059	115.99	88047	111.09	86339	110.19	87270	109.39	85360	104.36	85070
2573	493.9	4412.7	1151	126.62	88059	119.04	88047	109.14	86339	108.00	87337	107.93	87270	106.78	85360
2574	494.9	4412.7	1152	130.62	88059	117.46	86339	116.66	88047	115.15	87270	114.31	87359	110.58	87337
2575	495.9	4412.7	1153	119.45	88059	110.78	87337	107.17	88047	103.51	87339	103.50	87270	102.28	87351
2576	496.9	4412.7	1154	122.26	88059	108.17	87270	103.26	88047	102.86	87337	100.50	87339	99.30	87352
2577	497.9	4412.7	1155	124.03	88059	107.42	87270	103.08	87352	103.04	88047	100.94	87337	99.24	87351
2578	498.9	4412.7	1156	122.31	88059	107.39	87270	106.17	87351	105.96	88047	104.30	87333	101.42	87352
2579	499.9	4412.7	1157	128.60	88059	110.19	87333	109.15	87270	106.79	87351	101.97	88047	101.81	87352
2580	500.9	4412.7	1158	148.28	88059	128.19	87270	115.33	85340	114.70	86339	113.96	87333	113.51	87353
2581	501.9	4412.7	1159	135.83	88059	119.30	87337	117.09	88003	116.61	89004	116.56	87352	113.48	88340
2582	502.9	4412.7	1160	128.34	88059	112.04	85340	108.28	87270	104.69	87333	103.63	87352	103.44	87337
2583	503.9	4412.7	1161	116.83	88059	104.91	87333	102.28	87337	100.32	87339	99.63	87352	98.57	87270
2584	504.9	4412.7	1162	117.82	88059	109.05	86355	107.06	87270	104.25	87339	103.31	87333	103.04	85340
2585	505.9	4412.7	1163	107.95	88059	103.97	87339	99.99	87352	99.95	86355	97.21	87270	94.82	88003
2586	506.9	4412.7	1164	116.38	88059	105.37	87339	103.73	87270	95.06	87352	93.49	86351	92.93	85340
2587	507.9	4412.7	1165	121.97	88059	113.87	87339	111.75	87270	105.86	85340	104.83	87350	104.38	86354
2588	508.9	4412.7	1166	108.82	87339	102.34	88059	98.94	88003	98.62	87270	98.62	87352	98.09	86355
2589	509.9	4412.7	1167	102.71	88059	97.81	87339	92.23	87270	91.89	88003	89.87	87337	88.66	87360
2590	510.9	4412.7	1168	99.43	88003	95.16	87339	94.97	88059	89.80	87360	89.52	87337	89.22	87270

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2591	511.9	4412.7	1169	95.26	88059	92.98	88003	88.90	87339	87.83	87270	85.90	87352	85.50	87360
2592	512.9	4412.7	1170	110.48	88059	98.22	87270	96.46	88003	92.91	85340	90.63	87339	88.98	87337
2633	482.9	4413.7	1171	134.92	87327	113.20	88363	102.00	88047	101.06	85070	98.43	85360	98.33	87337
2634	483.9	4413.7	1172	107.04	85026	102.11	88047	98.99	85360	96.30	85070	93.12	88059	92.46	85006
2635	484.9	4413.7	1173	102.18	88047	100.70	85360	100.18	88059	96.84	85070	87.01	87327	86.67	85040
2636	485.9	4413.7	1174	101.40	88059	100.20	88047	99.98	85360	96.67	85070	89.98	87270	85.71	85040
2637	486.9	4413.7	1175	103.88	88059	101.54	88047	99.80	85360	96.99	85070	90.06	87270	86.33	85040
2638	487.9	4413.7	1176	104.61	88059	101.11	88047	97.93	85360	96.04	85070	89.64	87270	86.59	85040
2639	488.9	4413.7	1177	107.32	88059	103.31	88047	99.94	85360	96.88	85070	90.28	87270	87.71	85040
2640	489.9	4413.7	1178	109.18	88059	106.57	88047	102.63	85360	99.66	85070	93.69	87270	88.37	85040
2641	490.9	4413.7	1179	113.45	88047	112.10	88059	102.81	85360	101.53	85070	93.36	87270	89.74	86339
2642	491.9	4413.7	1180	119.39	88059	114.73	88047	105.90	85360	100.30	87270	99.84	85070	96.52	86339
2643	492.9	4413.7	1181	121.93	88059	115.39	88047	109.97	87270	103.70	85360	100.56	86339	99.90	87359
2644	493.9	4413.7	1182	122.56	88059	113.64	88047	105.58	87270	102.68	85360	102.60	87359	101.72	86339
2645	494.9	4413.7	1183	121.09	88059	107.30	87270	104.46	88047	101.41	87337	101.19	87351	100.13	87352
2646	495.9	4413.7	1184	112.96	88059	100.85	87337	99.65	88047	98.13	87270	96.83	87339	96.70	87352
2647	496.9	4413.7	1185	118.13	88059	106.74	87270	99.92	88047	96.15	87352	94.99	87351	94.66	87337
2648	497.9	4413.7	1186	121.34	88059	104.12	88047	103.98	87270	101.15	87352	101.13	87351	95.64	87333
2649	498.9	4413.7	1187	120.69	88059	104.20	87270	101.58	88047	101.18	87351	100.93	87333	98.05	87352
2650	499.9	4413.7	1188	127.27	88059	108.56	87270	103.72	87351	102.12	87333	101.76	87352	99.82	88047
2651	500.9	4413.7	1189	147.63	88059	127.66	87270	115.62	86339	115.13	87353	112.24	85340	111.59	87333
2652	501.9	4413.7	1190	136.01	88059	115.39	87337	113.43	89004	113.40	88003	113.08	87352	111.56	87270
2653	502.9	4413.7	1191	125.86	88059	106.96	85340	105.91	87270	103.06	87339	102.97	87352	101.48	87333
2654	503.9	4413.7	1192	117.25	88059	103.08	87333	101.22	87339	99.78	87352	98.58	87337	97.45	87270
2655	504.9	4413.7	1193	116.49	88059	105.30	86355	103.82	87339	103.51	87270	101.77	87352	100.72	85340
2656	505.9	4413.7	1194	107.48	88059	103.95	87339	99.32	87352	99.06	86355	97.99	87270	94.18	88003
2657	506.9	4413.7	1195	112.68	88059	101.50	87339	97.78	87270	91.97	87352	90.67	87350	89.44	86355
2658	507.9	4413.7	1196	110.50	88059	103.41	87270	103.33	87339	95.98	87352	93.16	85340	92.63	87350
2659	508.9	4413.7	1197	101.14	88059	100.28	87339	95.89	87270	92.18	87350	91.21	87352	89.64	87360
2660	509.9	4413.7	1198	99.63	88059	96.30	88003	93.62	87339	90.34	87352	89.40	87270	88.82	87350
2661	510.9	4413.7	1199	95.56	88059	94.98	88003	90.26	87339	90.05	87270	89.48	87352	88.15	87360
2662	511.9	4413.7	1200	95.39	88003	94.81	88059	87.22	87360	86.94	87270	86.26	87337	86.26	87352
2663	512.9	4413.7	1201	105.04	88059	93.79	87270	92.45	88003	90.25	85340	85.76	87337	85.68	87339
2704	482.9	4414.7	1202	117.46	86354	99.68	88047	98.53	85070	98.07	85360	95.90	88059	92.04	86351
2705	483.9	4414.7	1203	114.69	87327	101.11	88047	100.27	85070	98.63	85360	96.35	88363	94.71	88059
2706	484.9	4414.7	1204	101.92	88047	100.93	88059	99.70	85360	97.22	85070	87.68	85006	87.55	87270
2707	485.9	4414.7	1205	99.57	88047	99.46	85360	99.26	88059	95.13	85070	93.23	85026	87.69	87270
2708	486.9	4414.7	1206	101.82	88059	101.18	88047	100.89	85360	95.87	85070	90.45	87270	83.58	89014
2709	487.9	4414.7	1207	105.82	88059	104.84	88047	102.38	85360	98.76	85070	89.71	87270	85.14	89014
2710	488.9	4414.7	1208	110.95	88047	110.57	88059	105.29	85360	100.16	85070	93.12	87270	87.83	89014
2711	489.9	4414.7	1209	114.39	88047	111.63	88059	102.52	85360	98.02	87270	97.44	85070	87.63	86339
2712	490.9	4414.7	1210	118.55	88047	114.01	88059	105.09	85360	96.78	87270	95.42	85070	92.77	87359
2713	491.9	4414.7	1211	115.88	88059	111.78	88047	103.34	87270	101.16	85360	95.93	87359	94.03	86339
2714	492.9	4414.7	1212	120.80	88059	109.90	88047	109.26	87270	99.05	85360	96.46	87359	95.57	86339
2715	493.9	4414.7	1213	119.97	88059	108.46	88047	103.71	87270	100.94	86339	98.47	87337	98.21	85360
2716	494.9	4414.7	1214	115.56	88059	103.83	87270	102.68	88047	100.02	87337	99.86	87352	99.09	87351
2717	495.9	4414.7	1215	111.73	88059	101.95	88047	97.71	87270	97.01	87352	94.42	87351	93.79	87337
2718	496.9	4414.7	1216	117.58	88059	106.16	87270	100.97	88047	98.92	87351	96.17	87352	91.96	87337
2719	497.9	4414.7	1217	121.00	88059	105.76	88047	102.12	87351	101.33	87270	101.20	87352	96.67	87333
2720	498.9	4414.7	1218	121.97	88059	103.87	87270	101.61	88047	100.44	87351	100.01	87352	98.71	87333
2721	499.9	4414.7	1219	127.95	88059	108.60	87270	102.24	87352	101.36	87351	100.22	87333	100.01	88047

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2722	500.9	4414.7	1220	144.26	88059	123.56	87270	111.88	87353	111.23	85340	110.71	86339	107.33	87333
2723	501.9	4414.7	1221	136.48	88059	114.47	88003	113.22	87352	111.92	89004	111.67	87337	110.86	87270
2724	502.9	4414.7	1222	125.47	88059	104.42	85340	104.37	87270	102.36	87352	100.99	88003	100.55	87333
2725	503.9	4414.7	1223	117.87	88059	101.77	87352	101.04	87333	98.97	87339	96.56	87337	96.10	88003
2726	504.9	4414.7	1224	117.06	88059	103.15	87270	101.04	86355	101.04	87339	99.28	85340	99.14	87352
2727	505.9	4414.7	1225	109.54	88059	102.11	87339	99.90	86355	99.78	87352	97.52	87270	93.34	86345
2728	506.9	4414.7	1226	114.55	88059	100.75	87339	100.56	87270	94.99	87352	93.87	87350	92.20	88003
2729	507.9	4414.7	1227	108.11	88059	103.17	87270	101.37	87339	93.06	87352	92.64	87350	92.13	86355
2730	508.9	4414.7	1228	102.36	88059	99.61	87270	96.99	87339	90.32	87350	88.96	87352	88.17	86354
2731	509.9	4414.7	1229	100.07	88059	92.77	87339	90.92	87352	90.77	88003	89.54	87350	89.51	87270
2732	510.9	4414.7	1230	101.74	88003	94.13	87352	93.73	88059	88.78	87270	87.61	87350	87.09	88064
2733	511.9	4414.7	1231	94.58	88059	92.92	88003	87.87	87352	87.63	87360	86.31	87270	84.32	87325
2734	512.9	4414.7	1232	101.92	88059	93.77	88003	90.84	87270	89.89	85340	85.89	87360	85.07	89004
2775	482.9	4415.7	1233	106.25	86354	103.70	88059	99.87	85360	98.73	88047	94.87	85070	92.49	87270
2776	483.9	4415.7	1234	100.87	85360	100.80	88047	96.73	85070	95.63	88059	92.45	86354	89.78	89014
2777	484.9	4415.7	1235	103.27	85360	102.50	87327	101.31	88047	100.90	88059	98.07	85070	88.31	87270
2778	485.9	4415.7	1236	101.30	88047	101.13	85360	98.48	88059	96.77	85070	86.85	87270	84.89	89014
2779	486.9	4415.7	1237	103.92	88047	101.84	88059	101.73	85360	98.23	85070	89.32	87270	87.36	85006
2780	487.9	4415.7	1238	108.33	88047	102.99	85360	102.45	88059	95.95	85070	89.93	85026	89.14	87270
2781	488.9	4415.7	1239	112.42	88047	110.32	88059	101.11	85360	95.19	85070	94.31	87270	87.42	85040
2782	489.9	4415.7	1240	111.61	88059	110.14	88047	101.19	85360	98.30	87270	92.08	85070	90.85	87359
2783	490.9	4415.7	1241	109.90	88059	107.29	88047	98.28	85360	97.73	87270	92.50	87359	90.49	89014
2784	491.9	4415.7	1242	112.13	88059	101.86	88047	99.53	87270	95.68	85360	88.55	87359	88.33	89014
2785	492.9	4415.7	1243	118.04	88059	107.88	87270	105.11	88047	100.31	85360	98.60	86339	94.95	87001
2786	493.9	4415.7	1244	118.09	88059	107.34	88047	101.97	87351	101.29	87270	100.90	87337	100.21	86339
2787	494.9	4415.7	1245	117.54	88059	104.99	87270	102.48	88047	100.48	87337	98.21	87351	96.94	87352
2788	495.9	4415.7	1246	112.98	88059	99.98	88047	99.76	87270	97.02	87351	96.77	87352	94.95	87337
2789	496.9	4415.7	1247	119.68	88059	105.29	87270	104.50	87351	100.77	88047	95.02	87352	94.99	87337
2790	497.9	4415.7	1248	123.69	88059	103.76	88047	103.08	87270	100.82	87351	100.08	87352	99.20	87333
2791	498.9	4415.7	1249	123.34	88059	104.34	87270	101.40	87351	100.64	87352	98.85	88047	98.51	87333
2792	499.9	4415.7	1250	133.76	88059	111.28	87270	102.84	87333	101.99	86339	101.30	87351	100.65	87352
2793	500.9	4415.7	1251	144.37	88059	124.75	87270	113.21	86339	113.20	87353	110.75	85340	110.69	87333
2794	501.9	4415.7	1252	138.43	88059	112.16	87337	111.48	87270	110.01	87352	108.25	89004	108.06	87333
2795	502.9	4415.7	1253	128.76	88059	106.65	88003	105.54	85340	105.23	87270	103.39	87352	102.43	87337
2796	503.9	4415.7	1254	117.91	88059	104.29	87352	100.90	87333	100.53	88003	98.04	87339	96.99	87337
2797	504.9	4415.7	1255	117.09	88059	103.48	87270	100.11	87339	99.60	87333	97.62	87337	97.39	86355
2798	505.9	4415.7	1256	111.49	88059	101.61	86355	97.87	87339	97.71	87352	96.78	87270	96.33	86345
2799	506.9	4415.7	1257	110.17	88059	99.26	87270	97.67	87339	93.17	86355	91.65	87352	88.64	87360
2800	507.9	4415.7	1258	105.49	88059	101.11	87270	95.71	87339	88.75	87350	87.97	87352	87.67	86355
2801	508.9	4415.7	1259	99.90	87270	98.89	88059	91.95	87339	85.82	88003	85.67	87352	84.47	86351
2802	509.9	4415.7	1260	111.24	88059	110.26	89024	102.69	85314	98.50	87356	96.23	87314	95.24	87270
2803	510.9	4415.7	1261	112.55	88003	111.04	87352	109.26	85007	105.56	87351	99.71	86068	97.21	87350
2804	511.9	4415.7	1262	95.04	88059	93.46	88003	87.55	87337	86.82	87360	86.74	87352	86.24	87270
2805	512.9	4415.7	1263	100.49	88059	89.17	88003	88.92	85340	88.85	87270	85.75	87360	84.11	89004
2846	482.9	4416.7	1264	104.21	85360	98.63	88047	98.54	88059	98.32	88016	95.14	87270	94.44	85070
2847	483.9	4416.7	1265	102.49	85360	99.96	88047	97.70	86354	96.87	85070	94.09	88059	86.43	87270
2848	484.9	4416.7	1266	103.07	85360	102.12	88047	101.07	85070	96.38	88059	87.49	89014	85.94	87270
2849	485.9	4416.7	1267	105.78	88047	100.85	85360	98.12	85070	97.33	88059	90.49	87327	85.26	87270
2850	486.9	4416.7	1268	108.07	88047	101.40	88059	100.85	85360	93.68	85070	89.50	87270	87.48	87327
2851	487.9	4416.7	1269	109.57	88047	102.85	88059	97.80	85360	92.12	85070	90.29	87270	86.62	85040
2852	488.9	4416.7	1270	108.89	88059	107.14	88047	98.92	85360	94.76	85026	93.03	87270	90.28	85070

SUMMARY OF MODEL RESULTS FOR 2015  
MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	UTME	UTMN		NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3
2853	489.9	4416.7	1271	108.98	88059	103.46	88047	98.69	87270	96.52	85360	93.79	85026	89.09	85070
2854	490.9	4416.7	1272	107.64	88059	101.69	88047	98.15	85360	96.99	87270	90.72	87327	90.06	87359
2855	491.9	4416.7	1273	112.05	88059	99.85	88047	97.09	87270	96.85	85360	89.03	88015	87.20	87337
2856	492.9	4416.7	1274	118.20	88059	106.63	87270	103.13	88047	100.98	86339	97.27	85360	96.15	87351
2857	493.9	4416.7	1275	116.30	88059	101.74	88047	99.28	87337	99.09	87270	96.39	87351	93.69	85360
2858	494.9	4416.7	1276	115.60	88059	105.27	87270	98.12	88047	97.74	87351	95.03	87337	94.29	87352
2859	495.9	4416.7	1277	113.86	88059	100.52	87351	97.48	88047	97.13	87270	94.30	87337	93.23	87352
2860	496.9	4416.7	1278	118.79	88059	103.16	87270	100.29	87351	99.64	88047	95.62	87352	93.57	87333
2861	497.9	4416.7	1279	122.37	88059	100.45	87270	99.70	88047	98.03	87352	97.42	87351	96.53	87337
2862	498.9	4416.7	1280	123.90	88059	101.02	87270	100.26	87352	99.82	87351	95.59	88047	94.63	87333
2863	499.9	4416.7	1281	132.74	88059	109.44	87270	99.83	86339	99.76	87352	98.17	87351	97.85	87333
2864	500.9	4416.7	1282	138.59	88059	120.53	87270	107.49	87353	105.16	85340	104.80	86339	104.71	87333
2865	501.9	4416.7	1283	139.22	88059	110.71	87270	109.73	87337	106.86	87333	104.07	89004	103.84	87352
2866	502.9	4416.7	1284	136.46	88059	114.35	87270	113.98	87337	111.95	85340	109.38	87333	105.53	87339
2867	503.9	4416.7	1285	117.38	88059	108.21	87333	102.54	87352	101.42	87339	100.84	86355	100.45	87337
2868	504.9	4416.7	1286	115.62	88059	102.94	87270	97.48	87339	96.48	87333	96.13	87337	93.81	85340
2869	505.9	4416.7	1287	110.30	88059	99.01	86355	95.80	86345	95.77	87352	95.20	87339	95.07	87270
2870	506.9	4416.7	1288	107.71	88059	98.92	87270	94.99	87339	92.58	86355	90.85	87352	87.68	87360
2871	507.9	4416.7	1289	102.99	88059	97.86	87270	93.54	87339	87.30	87350	86.99	87352	86.39	86355
2872	508.9	4416.7	1290	100.06	87270	99.03	88059	92.38	87339	88.65	87360	87.40	87350	87.07	87352
2873	509.9	4416.7	1291	140.03	86339	138.09	88059	128.41	87359	127.11	87270	120.79	87350	116.85	87337
2874	510.9	4416.7	1292	132.90	86355	119.04	87333	115.77	86351	110.99	86329	110.81	87339	110.72	86354
2875	511.9	4416.7	1293	93.85	88059	90.35	88003	87.40	87352	87.11	87360	85.58	85340	85.30	87339
2876	512.9	4416.7	1294	98.89	88059	92.11	88003	89.10	85340	87.36	87270	84.81	87352	83.38	87360
				183.18		150.57		142.13		139.21		138.19		137.49	

## Appendix K

### Summary of Dispersion Model Results for 2020

## Appendix K – Summary of Dispersion Model Results for 2020

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1	477.9	4376.7	1	95.58	88064	91.86	85040	91.37	88291	85.47	88047	84.96	89288	83.43	86284
2	482.9	4376.7	2	109.48	88064	89.93	89288	89.35	85040	87.24	85270	86.91	88291	86.33	86107
3	487.9	4376.7	3	117.93	88064	103.82	89288	98.26	86107	95.73	85270	90.75	85040	90.02	89344
4	492.9	4376.7	4	126.44	88064	110.74	89288	109.76	86107	97.94	85270	95.86	89344	95.12	85007
5	497.9	4376.7	5	123.36	88064	116.09	89288	108.12	86107	103.52	85007	101.02	85270	95.82	88003
6	502.9	4376.7	6	132.46	88064	119.49	85007	112.03	88003	109.28	89288	109.14	85326	109.01	86107
7	507.9	4376.7	7	123.22	85007	122.70	88064	117.00	88003	112.51	85326	110.24	89288	104.65	86107
8	512.9	4376.7	8	107.98	88003	106.95	85326	102.41	89051	100.82	85007	97.73	88064	92.78	86068
9	517.9	4376.7	9	97.88	85326	96.17	88064	93.85	85007	92.04	88003	89.64	88354	89.40	86068
10	522.9	4376.7	10	91.81	88003	88.65	86068	87.48	85326	83.07	88354	82.54	85332	80.71	85007
11	527.9	4376.7	11	90.19	86068	79.25	88354	78.87	85326	76.29	85332	75.19	88003	70.56	88070
12	532.9	4376.7	12	87.01	86068	69.86	88354	66.59	85332	66.49	85326	64.59	85320	64.46	86346
13	537.9	4376.7	13	83.16	86068	63.91	85332	63.23	85320	62.93	88354	62.52	86030	60.28	86329
14	542.9	4376.7	14	81.19	86068	66.27	86030	62.13	85320	60.83	86329	60.75	88354	59.40	85332
15	547.9	4376.7	15	82.96	86068	63.44	86030	63.03	85320	60.03	86329	58.70	85270	57.61	88354
16	477.9	4381.7	16	110.45	85040	98.42	88064	94.80	88291	91.70	85270	89.35	88047	88.86	86284
17	482.9	4381.7	17	108.63	88064	106.02	85040	96.09	85270	92.51	88291	89.73	86284	87.82	89288
18	487.9	4381.7	18	121.34	88064	108.42	85040	102.95	85270	96.96	89288	95.99	86107	92.26	88291
19	492.9	4381.7	19	131.40	88064	112.66	86107	106.80	89288	104.78	85270	101.29	85040	96.68	89024
20	497.9	4381.7	20	130.53	88064	114.74	89288	110.21	86107	107.28	85270	102.70	85007	99.09	88003
21	502.9	4381.7	21	134.62	88064	119.32	88003	113.55	85007	112.76	85326	112.26	86107	108.98	89288
22	507.9	4381.7	22	129.22	88064	122.67	88003	117.84	85007	116.46	85326	112.04	86107	108.60	89288
23	512.9	4381.7	23	105.82	88003	100.00	85326	99.15	88064	98.76	86107	95.43	86068	92.48	85007
24	517.9	4381.7	24	102.94	88003	98.19	88064	94.96	85326	93.58	85007	93.23	86068	88.77	86107
25	522.9	4381.7	25	92.33	86068	91.11	88003	85.64	85326	82.03	88354	80.77	86107	79.71	85007
26	527.9	4381.7	26	91.71	86068	79.61	88003	78.12	85326	75.08	88354	72.16	86329	72.04	85332
27	532.9	4381.7	27	86.14	86068	66.52	86329	65.98	88354	65.91	86107	64.88	85332	64.75	86346
28	537.9	4381.7	28	83.44	86068	68.08	86030	65.38	86329	63.66	86107	63.02	88354	62.54	85320
29	542.9	4381.7	29	84.58	86068	64.58	85320	62.50	86107	62.47	86030	62.38	86329	58.30	88070
30	547.9	4381.7	30	79.57	86068	62.22	86107	62.11	86329	61.88	85320	59.50	86030	57.10	88348
31	477.9	4386.7	31	117.12	85040	103.43	88047	98.01	88291	94.36	85270	93.55	88064	86.95	86284
32	482.9	4386.7	32	126.14	85040	113.80	88064	108.90	88047	105.65	85270	100.28	88291	94.17	89024
33	487.9	4386.7	33	125.83	88064	117.39	85040	107.64	85270	103.49	88047	98.57	88291	95.28	86107
34	492.9	4386.7	34	124.33	88064	111.32	86107	110.18	85040	106.69	85270	100.54	89288	100.37	88047
35	497.9	4386.7	35	136.03	88064	113.47	89288	112.90	85270	109.82	88003	109.70	86107	108.82	85040
36	502.9	4386.7	36	133.37	88064	122.34	88003	111.88	85326	111.79	85007	111.09	86107	105.58	89288
37	507.9	4386.7	37	146.58	88003	140.73	88064	135.07	85007	133.00	85326	132.37	87352	121.86	87314
38	512.9	4386.7	38	103.32	86107	102.82	88003	100.28	88064	98.64	86068	96.14	85326	91.71	85007
39	517.9	4386.7	39	113.19	88003	100.37	88064	98.72	85007	97.45	86068	95.51	85326	91.21	86107
40	522.9	4386.7	40	94.29	86068	89.22	88003	87.48	85326	84.68	86107	81.60	88064	81.34	85007
41	527.9	4386.7	41	94.39	86068	84.41	88003	77.34	86329	76.09	86107	75.60	86346	74.98	85007
42	532.9	4386.7	42	89.89	86068	70.41	86329	69.06	86107	68.14	85320	66.96	86030	66.68	85332
43	537.9	4386.7	43	86.30	86068	66.99	86107	65.43	86329	64.59	85320	60.59	86030	58.94	88348
44	542.9	4386.7	44	80.47	86068	66.03	86107	65.20	86329	62.25	85320	59.74	86030	58.87	89320
45	547.9	4386.7	45	76.88	86068	64.11	86107	63.82	85320	62.41	86329	57.35	88348	57.32	88291

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
46	477.9	4391.7	46	122.86	85040	111.46	88047	102.04	85270	97.15	88064	90.15	88291	89.91	86284
47	482.9	4391.7	47	120.89	85040	114.25	88047	112.88	88064	106.16	85270	95.84	88291	93.17	86284
48	487.9	4391.7	48	120.93	85040	117.12	88047	116.95	88064	106.87	85270	101.73	88291	90.09	86107
49	492.9	4391.7	49	125.51	85040	122.46	88064	115.59	88047	113.56	85270	105.92	86107	102.90	88291
50	497.9	4391.7	50	133.41	88064	121.85	85270	121.72	85040	115.33	88047	112.05	88003	107.73	85007
51	502.9	4391.7	51	149.95	88064	136.26	88003	127.66	85007	117.48	85326	116.37	87352	115.71	86107
52	507.9	4391.7	52	127.84	88003	116.91	88064	110.39	87352	107.95	85007	106.11	85326	103.42	86107
53	512.9	4391.7	53	106.57	88003	105.91	88064	100.63	86068	100.50	86107	93.94	85007	93.22	87352
54	517.9	4391.7	54	117.88	88003	100.71	88064	100.19	85007	97.06	86068	94.72	85326	92.17	86107
55	522.9	4391.7	55	96.34	86068	93.25	88003	85.84	86107	84.82	86329	83.37	88064	82.14	85007
56	527.9	4391.7	56	96.23	86068	84.55	88003	80.91	86329	75.86	86107	74.65	85320	74.38	86346
57	532.9	4391.7	57	84.79	86068	71.70	86107	70.15	86329	67.06	88003	66.40	85320	64.24	86346
58	537.9	4391.7	58	79.20	86068	70.74	86107	67.59	86329	64.32	85320	59.83	88348	59.31	89320
59	542.9	4391.7	59	77.82	86068	68.79	86107	64.64	86329	62.59	85320	59.03	88348	57.36	88291
60	547.9	4391.7	60	75.16	86068	67.07	86107	63.02	86329	59.43	85320	57.71	88348	55.89	88291
61	477.9	4396.7	61	125.53	85040	121.30	88047	99.71	85270	96.08	85070	92.46	88016	88.57	88064
62	482.9	4396.7	62	134.85	88047	132.44	85040	108.41	85270	107.28	88064	101.60	87314	101.31	88016
63	487.9	4396.7	63	139.03	88047	133.61	85040	123.35	88064	117.29	85270	113.60	85328	112.28	88016
64	492.9	4396.7	64	138.25	88047	129.45	85040	129.32	88064	117.64	85270	109.78	87314	107.52	85328
65	497.9	4396.7	65	137.48	88064	133.06	88047	125.33	85040	124.24	88059	121.31	88003	117.48	85007
66	502.9	4396.7	66	139.42	88064	131.71	88003	124.18	87352	122.85	85007	119.14	88047	112.82	87327
67	507.9	4396.7	67	121.59	88003	113.98	88064	106.17	86068	105.91	87352	105.20	88059	103.70	86107
68	512.9	4396.7	68	105.29	88003	103.44	88064	101.51	87352	99.46	86107	97.46	86068	96.34	85007
69	517.9	4396.7	69	119.56	88003	103.90	88064	103.34	86068	102.99	85007	93.85	86107	92.48	85326
70	522.9	4396.7	70	97.21	86068	97.03	88003	87.68	86107	84.20	85007	83.41	88064	83.03	86346
71	527.9	4396.7	71	90.12	86068	86.57	88003	79.62	86107	78.21	86329	74.15	85007	72.07	87360
72	532.9	4396.7	72	83.25	86068	76.06	86107	72.13	86329	70.10	88003	65.68	85320	63.48	85007
73	537.9	4396.7	73	78.70	86068	73.24	86107	67.21	86329	62.04	88003	61.61	85007	61.43	85320
74	542.9	4396.7	74	73.64	86068	70.84	86107	64.63	86329	60.75	85007	59.37	88348	59.16	88291
75	547.9	4396.7	75	69.05	86107	68.72	86068	62.81	86329	58.22	85007	57.93	88291	57.33	88348
76	477.9	4401.7	76	123.20	85040	120.38	88047	107.74	85070	95.44	85270	95.15	88016	90.12	88059
77	482.9	4401.7	77	123.75	85040	120.51	88047	104.90	85070	101.04	85270	95.90	88059	95.51	88016
78	487.9	4401.7	78	130.95	88047	121.00	85040	109.29	88059	108.73	85070	107.78	88064	103.89	85270
79	492.9	4401.7	79	127.91	88047	122.11	85040	114.66	88064	113.71	88059	105.84	85270	104.04	88016
80	497.9	4401.7	80	124.09	88059	121.67	88047	121.39	88064	117.61	85040	112.61	88003	110.70	87352
81	502.9	4401.7	81	138.68	88003	133.83	87352	128.04	88047	127.96	88064	119.77	85007	117.94	88059
82	507.9	4401.7	82	114.79	88003	110.21	88064	109.70	88059	108.92	88047	102.40	87352	99.25	87270
83	512.9	4401.7	83	116.27	88003	106.40	87352	104.30	86068	102.12	88064	100.97	85007	98.71	88059
84	517.9	4401.7	84	117.35	88003	97.65	86068	94.65	88064	93.78	87352	93.42	85007	92.98	86329
85	522.9	4401.7	85	99.75	88003	92.83	86068	87.03	87360	83.04	86329	82.66	88064	82.56	86107
86	527.9	4401.7	86	87.00	86068	85.32	88003	78.07	86107	76.78	86329	76.13	87360	71.48	87339
87	532.9	4401.7	87	76.15	86068	74.24	86107	72.56	88003	68.21	86329	68.08	87360	64.02	87339
88	537.9	4401.7	88	73.28	86107	69.36	86068	64.97	88003	64.04	86329	62.21	87360	60.80	88291
89	542.9	4401.7	89	72.35	86107	65.10	86068	62.93	86329	60.85	88003	59.09	89346	58.14	87360
90	547.9	4401.7	90	70.45	86107	63.06	86068	61.62	86329	57.77	89346	57.11	88003	56.52	88291
91	477.9	4406.7	91	113.88	88047	109.90	85070	104.98	88004	100.89	89024	98.96	85040	96.25	88059
92	482.9	4406.7	92	122.04	88047	106.07	85360	104.68	85070	100.49	85040	96.89	88059	96.57	89014
93	487.9	4406.7	93	128.09	88047	113.28	88016	112.74	88059	107.64	85040	106.87	85360	106.32	85070
94	492.9	4406.7	94	129.38	88047	124.92	88059	111.13	87270	110.16	85040	107.64	85360	106.81	89014
95	497.9	4406.7	95	147.16	88059	131.26	88047	129.52	86339	126.01	87270	118.77	85040	117.76	87337
96	502.9	4406.7	96	160.89	88059	153.47	86339	143.73	88003	138.40	87270	135.52	87359	135.44	87337

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
97	507.9	4406.7	97	110.76	88059	102.90	88003	99.60	87270	98.96	88047	94.87	87339	94.51	85340
98	512.9	4406.7	98	109.64	89024	108.81	88059	104.53	88064	101.30	88047	97.87	88003	95.84	85314
99	517.9	4406.7	99	122.36	88003	113.60	85007	107.40	86068	102.95	87352	95.43	88064	95.08	87351
100	522.9	4406.7	100	94.22	88003	85.62	86068	82.01	87360	81.40	86107	81.02	87339	78.82	87325
101	527.9	4406.7	101	90.53	88003	83.95	87360	76.52	86068	75.48	86107	72.18	88064	71.84	86329
102	532.9	4406.7	102	79.40	88003	71.93	87360	71.37	86107	71.25	86068	66.78	86329	62.80	87325
103	537.9	4406.7	103	70.77	86107	69.71	88003	65.22	86068	64.07	87360	62.99	86329	59.98	89346
104	542.9	4406.7	104	69.40	86107	65.75	88003	62.25	86068	61.35	86329	59.85	87360	58.97	85015
105	547.9	4406.7	105	67.99	86107	61.29	88003	60.05	86068	60.04	86329	57.81	85015	57.62	89346
106	477.9	4411.7	106	110.03	89014	109.93	88047	107.94	85360	106.90	85070	101.90	85040	99.00	87270
107	482.9	4411.7	107	120.88	89346	113.02	88047	103.45	85040	102.44	85070	100.90	85360	98.36	88059
108	487.9	4411.7	108	109.73	88047	109.72	88059	104.36	85360	99.25	85070	96.93	85040	95.57	87270
109	492.9	4411.7	109	124.10	88059	115.32	88047	106.42	85360	104.89	87270	103.88	86339	103.08	85070
110	497.9	4411.7	110	129.52	88059	112.44	88047	106.41	87270	105.50	87352	101.76	87337	101.47	87350
111	502.9	4411.7	111	131.39	88059	116.16	85340	111.10	87270	106.38	88003	105.97	87352	105.47	87333
112	507.9	4411.7	112	113.62	88059	103.56	88003	102.53	87339	101.16	87352	98.78	87270	96.73	85340
113	512.9	4411.7	113	140.99	88059	131.39	86339	124.64	87270	120.04	87359	118.61	87337	115.86	87339
114	517.9	4411.7	114	124.28	86355	114.11	87360	111.09	87333	110.42	85340	110.01	86351	108.20	86329
115	522.9	4411.7	115	92.69	88003	87.00	87360	80.63	87339	78.39	87325	78.23	85340	77.99	86329
116	527.9	4411.7	116	85.77	88003	79.54	87360	73.37	86107	73.01	87325	72.91	86329	70.78	87339
117	532.9	4411.7	117	84.79	88003	79.58	87360	71.67	86107	69.11	86329	65.81	87325	65.21	88064
118	537.9	4411.7	118	74.41	88003	69.75	86107	68.99	87360	64.37	86329	61.13	86068	60.34	88064
119	542.9	4411.7	119	69.58	86107	67.22	88003	62.31	87360	62.27	86329	58.55	86068	58.07	88029
120	547.9	4411.7	120	67.89	86107	64.80	88003	60.03	86329	58.27	87360	57.21	86068	55.78	88291
121	477.9	4416.7	121	104.18	85360	99.08	88047	97.62	85070	94.67	87351	90.59	88059	89.95	87001
122	482.9	4416.7	122	106.20	85360	102.09	88047	100.99	88059	100.25	88016	97.32	85070	96.53	87270
123	487.9	4416.7	123	114.05	88047	105.53	88059	100.30	85360	95.20	85070	91.76	87270	89.14	85040
124	492.9	4416.7	124	121.42	88059	108.78	87270	107.47	88047	102.91	86339	100.55	85360	97.73	87351
125	497.9	4416.7	125	125.92	88059	103.38	88047	102.23	87270	99.98	87352	98.33	87351	97.96	87337
126	502.9	4416.7	126	142.52	88059	118.57	87270	118.35	87337	115.42	85340	112.34	87333	109.45	87339
127	507.9	4416.7	127	106.51	88059	100.29	87270	95.90	87339	89.78	87350	89.25	87352	87.51	87360
128	512.9	4416.7	128	103.14	88059	95.39	88003	91.91	85340	90.11	87270	87.95	87352	85.32	87339
129	517.9	4416.7	129	87.57	88003	87.25	87352	86.02	88059	84.70	87339	84.09	87360	83.54	87325
130	522.9	4416.7	130	92.78	87360	90.54	88003	82.14	85340	80.85	87325	79.10	88064	76.69	87339
131	527.9	4416.7	131	81.06	88003	81.05	87360	73.19	87325	69.82	87339	68.29	86107	67.57	88064
132	532.9	4416.7	132	77.39	87360	76.07	88003	69.03	87325	67.79	86107	65.73	88064	63.97	85340
133	537.9	4416.7	133	76.29	88003	75.46	87360	67.22	86107	63.02	87325	62.92	88064	61.33	88029
134	542.9	4416.7	134	71.32	88003	67.78	87360	66.01	86107	60.43	85015	59.72	88064	58.97	88029
135	547.9	4416.7	135	67.49	88003	65.39	86107	61.82	87360	58.89	85015	57.42	86329	57.20	86068
136	477.9	4421.7	136	105.59	88059	104.41	85360	103.06	88047	96.96	85070	88.33	87270	86.02	86339
137	482.9	4421.7	137	97.51	85360	96.48	88059	95.58	88047	94.59	85070	94.08	89014	88.86	87333
138	487.9	4421.7	138	109.89	88059	103.06	85360	98.11	88047	93.09	87270	90.06	86339	89.94	85070
139	492.9	4421.7	139	114.89	88059	101.38	87270	99.17	87351	95.48	88047	94.85	85360	93.21	87337
140	497.9	4421.7	140	126.12	88059	102.37	87270	95.18	86339	94.68	86345	94.19	87351	93.16	87337
141	502.9	4421.7	141	125.20	88059	107.88	87270	99.60	89004	99.50	87333	97.86	87337	95.88	85340
142	507.9	4421.7	142	108.59	88059	102.89	87270	92.74	87352	91.53	86355	91.18	86345	90.80	87333
143	512.9	4421.7	143	105.51	88059	93.34	87270	89.01	85340	88.69	87339	86.80	87360	85.62	87352
144	517.9	4421.7	144	87.42	88003	86.72	87360	84.74	88059	81.71	87352	81.10	85340	80.88	87325
145	522.9	4421.7	145	81.29	88003	80.91	87325	80.11	87360	76.16	87339	75.87	85340	71.30	87352
146	527.9	4421.7	146	87.76	87360	84.87	88003	75.03	87325	73.67	88064	72.79	85340	67.18	87339
147	532.9	4421.7	147	78.70	88003	77.06	87360	71.11	87325	67.49	86107	65.29	88064	63.61	85364

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
148	537.9	4421.7	148	75.79	88003	73.91	87360	66.53	86107	66.22	87325	64.58	88064	61.70	88029
149	542.9	4421.7	149	75.44	88003	70.50	87360	66.04	86107	62.42	88064	61.63	87325	60.78	88029
150	547.9	4421.7	150	68.53	88003	65.12	87360	64.95	86107	59.37	88029	59.08	88064	57.71	85015
151	477.9	4426.7	151	100.94	85360	95.80	88059	93.09	85070	84.26	87270	82.50	88047	82.08	89014
152	482.9	4426.7	152	106.06	85360	98.15	88059	91.70	87333	88.59	87337	87.34	89014	85.06	87270
153	487.9	4426.7	153	106.30	88059	93.13	85360	91.47	87270	86.42	86339	84.33	87337	83.88	87351
154	492.9	4426.7	154	105.30	88059	96.71	87270	86.93	87351	85.21	87337	84.96	87333	83.28	88047
155	497.9	4426.7	155	119.52	88059	97.15	87270	89.84	87353	89.14	87337	84.43	86339	84.19	86345
156	502.9	4426.7	156	120.83	88059	106.06	87270	96.24	87333	93.13	89004	88.45	87337	87.22	86345
157	507.9	4426.7	157	98.52	88059	94.25	87270	87.86	86345	85.90	86355	85.00	87352	84.09	87339
158	512.9	4426.7	158	102.68	88059	92.12	87270	82.24	85340	80.96	87339	80.78	87360	79.54	86355
159	517.9	4426.7	159	84.28	88059	80.39	87360	79.63	87339	78.58	87270	78.41	85340	77.85	87325
160	522.9	4426.7	160	84.76	87360	80.93	88003	77.72	87325	74.97	87339	73.94	85340	70.87	87270
161	527.9	4426.7	161	78.12	87360	76.63	88003	76.48	87325	71.84	85340	68.29	87339	68.26	88064
162	532.9	4426.7	162	85.85	87360	83.18	88003	71.36	88064	69.78	87325	68.76	85340	64.38	86107
163	537.9	4426.7	163	77.79	88003	74.84	87360	69.36	87325	66.56	86107	64.82	88064	62.85	85364
164	542.9	4426.7	164	74.49	88003	72.64	87360	65.91	86107	64.46	87325	64.06	88064	61.22	88029
165	547.9	4426.7	165	74.52	88003	68.75	87360	65.56	86107	62.06	88064	61.21	88029	60.05	87325
1ADAM	505.5	4408.4	166	124.40	88059	113.88	87270	111.12	86355	109.89	88003	108.62	85340	108.30	87352
2ARVA	492.6	4405.6	167	127.20	88047	118.99	88059	110.43	85040	107.07	87270	105.47	88016	104.51	85360
3AURO	511.0	4399.0	168	111.08	88003	105.81	88064	103.51	88059	100.93	86107	100.91	86068	99.94	87352
414ST	500.7	4398.8	169	144.18	88064	138.49	88003	133.64	88059	130.99	88047	130.96	86107	130.14	87352
5CAMP	501.1	4399.9	170	140.19	88064	139.28	88003	137.04	88059	133.25	87352	128.28	87327	127.87	86107
6SBDY	501.9	4393.1	171	145.88	88064	141.25	88003	133.75	85007	122.80	87327	120.44	87352	119.47	87350
7ENGL	501.0	4386.3	172	138.60	88064	136.86	85007	134.06	86107	125.32	88003	117.13	85326	113.28	87352
8GOLD	480.8	4400.6	173	124.97	85040	124.46	88047	107.81	85070	101.41	88016	101.09	85270	91.78	88059
9LAKE	490.8	4395.6	174	129.45	88047	128.00	88064	126.28	85040	111.67	85270	104.34	88291	100.54	88016
10WELB	504.3	4409.7	175	118.59	88059	112.19	86355	106.11	87270	105.78	87352	104.39	87339	100.82	87333
11AURA	499.5	4399.4	176	131.01	88064	127.17	88059	125.88	88047	123.44	88003	121.48	85040	113.71	87352
12DWP1	505.5	4408.4	177	120.57	88059	111.97	87270	109.75	87352	109.68	88003	106.43	85340	104.44	87351
13DWP2	504.3	4409.7	178	117.02	88059	103.38	87352	102.59	87339	102.16	88047	101.80	87270	100.59	87337
361	482.9	4381.7	179	108.63	88064	106.02	85040	96.09	85270	92.51	88291	89.73	86284	87.82	89288
362	483.9	4381.7	180	113.91	88064	105.54	85040	96.27	85270	93.60	88291	91.32	86284	90.04	89288
363	484.9	4381.7	181	119.36	88064	106.25	85040	96.90	85270	95.13	88291	90.28	86284	89.40	89288
364	485.9	4381.7	182	115.90	88064	106.71	85040	99.72	85270	93.97	88291	92.95	89288	89.00	88047
365	486.9	4381.7	183	119.02	88064	107.80	85040	102.58	85270	97.93	89288	95.89	86107	93.64	88291
366	487.9	4381.7	184	121.34	88064	108.42	85040	102.95	85270	96.96	89288	95.99	86107	92.26	88291
367	488.9	4381.7	185	119.87	88064	108.20	85040	104.01	85270	100.10	89288	96.88	86107	92.11	88291
368	489.9	4381.7	186	121.61	88064	107.39	85040	104.26	85270	103.52	86107	102.77	89288	90.45	88291
369	490.9	4381.7	187	125.85	88064	104.92	89288	104.77	85270	103.30	85040	97.92	86107	93.31	89344
370	491.9	4381.7	188	127.49	88064	106.96	89288	106.94	85270	102.88	85040	102.60	86107	93.41	89344
371	492.9	4381.7	189	131.40	88064	112.66	86107	106.80	89288	104.78	85270	101.29	85040	96.68	89024
372	493.9	4381.7	190	130.00	88064	108.74	89288	103.50	85270	103.23	86107	100.62	85040	94.96	89024
373	494.9	4381.7	191	130.10	88064	109.09	89288	106.69	86107	105.31	85270	98.63	85040	94.51	89344
374	495.9	4381.7	192	129.95	88064	110.42	89288	108.62	85270	102.39	86107	98.37	85040	98.34	89344
375	496.9	4381.7	193	127.99	88064	111.02	86107	108.60	89288	108.18	85270	99.14	85040	96.60	85007
376	497.9	4381.7	194	130.53	88064	114.74	89288	110.21	86107	107.28	85270	102.70	85007	99.09	88003
377	498.9	4381.7	195	126.74	88064	113.81	86107	113.78	89288	110.07	85270	109.03	88003	107.45	85007
378	499.9	4381.7	196	131.28	88064	125.13	86107	114.17	89288	111.77	85007	108.46	88003	104.16	85270
379	500.9	4381.7	197	129.98	86107	127.92	88064	125.77	85007	116.23	88003	112.16	89288	108.63	85326
380	501.9	4381.7	198	134.50	88064	123.06	85007	120.22	88003	111.58	89288	109.16	85326	105.38	86107

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
381	502.9	4381.7	199	134.62	88064	119.32	88003	113.55	85007	112.76	85326	112.26	86107	108.98	89288
382	503.9	4381.7	200	136.71	88064	124.91	88003	110.28	85007	110.17	85326	108.36	89288	104.66	86107
383	504.9	4381.7	201	131.82	88064	118.98	88003	117.59	86107	111.73	85326	107.28	85007	104.58	85270
384	505.9	4381.7	202	128.74	88064	121.20	88003	114.62	85007	112.76	85326	107.72	86107	106.26	89288
385	506.9	4381.7	203	130.95	88064	123.83	88003	113.95	85326	111.98	85007	108.90	86107	104.28	89288
386	507.9	4381.7	204	129.22	88064	122.67	88003	117.84	85007	116.46	85326	112.04	86107	108.60	89288
387	508.9	4381.7	205	133.80	88003	128.60	88064	126.91	85007	120.88	85326	112.72	87352	109.57	86107
388	509.9	4381.7	206	140.30	88003	127.13	88064	126.15	85007	121.29	85326	116.46	89051	111.48	87352
389	510.9	4381.7	207	131.89	88003	114.11	85326	113.16	85007	110.25	88064	109.92	88340	109.49	89051
390	511.9	4381.7	208	111.37	88003	104.31	85326	103.84	88064	95.74	85007	95.67	89051	95.58	86068
391	512.9	4381.7	209	105.82	88003	100.00	85326	99.15	88064	98.76	86107	95.43	86068	92.48	85007
432	482.9	4382.7	210	108.44	85040	107.55	88064	97.55	85270	93.82	88291	91.21	86284	90.09	88047
433	483.9	4382.7	211	113.65	88064	108.57	85040	98.49	85270	94.06	88291	93.23	86284	91.73	88047
434	484.9	4382.7	212	118.98	88064	108.62	85040	98.72	85270	95.28	88291	93.38	86284	91.96	88047
435	485.9	4382.7	213	117.72	88064	109.18	85040	101.67	85270	96.87	88291	92.76	88047	92.18	89288
436	486.9	4382.7	214	120.31	88064	111.91	85040	104.38	85270	98.57	88291	96.84	89288	96.29	88047
437	487.9	4382.7	215	124.25	88064	110.00	85040	104.38	85270	98.58	86107	97.86	89288	95.95	88291
438	488.9	4382.7	216	122.07	88064	108.74	85040	105.69	85270	99.68	89288	96.53	86107	94.24	88291
439	489.9	4382.7	217	122.18	88064	108.87	85040	106.50	85270	104.19	86107	101.02	89288	93.91	88291
440	490.9	4382.7	218	126.36	88064	108.09	85040	107.07	85270	105.03	89288	98.12	86107	93.42	89344
441	491.9	4382.7	219	127.92	88064	108.59	85270	107.14	89288	104.69	85040	101.08	86107	96.63	89344
442	492.9	4382.7	220	130.85	88064	111.64	86107	106.44	85270	105.16	89288	102.38	85040	97.48	85007
443	493.9	4382.7	221	129.36	88064	108.24	89288	104.38	85270	101.47	86107	98.68	85040	98.51	89024
444	494.9	4382.7	222	131.84	88064	108.03	89288	105.97	86107	104.96	85270	98.36	85040	94.27	89024
445	495.9	4382.7	223	131.62	88064	112.22	89288	108.40	85270	102.64	86107	97.93	89344	96.43	85040
446	496.9	4382.7	224	130.22	88064	111.80	86107	109.89	89288	108.79	85270	97.82	89344	97.79	85040
447	497.9	4382.7	225	133.41	88064	114.13	89288	108.44	85270	108.19	86107	105.16	85007	99.51	88003
448	498.9	4382.7	226	128.08	88064	114.59	89288	114.40	86107	110.61	85270	109.81	88003	109.18	85007
449	499.9	4382.7	227	132.28	88064	122.94	86107	114.90	85007	113.43	89288	110.49	88003	104.84	85270
450	500.9	4382.7	228	130.62	86107	130.29	88064	129.30	85007	117.53	88003	112.54	89288	109.74	85326
451	501.9	4382.7	229	134.72	88064	125.87	85007	123.63	88003	111.72	89288	110.57	85326	105.18	85270
452	502.9	4382.7	230	134.49	88064	121.53	88003	116.82	85007	114.00	85326	110.55	86107	109.19	89288
453	503.9	4382.7	231	138.09	88064	126.60	88003	112.30	85007	110.91	85326	107.08	89288	106.03	85270
454	504.9	4382.7	232	130.43	88064	121.34	88003	114.08	86107	111.99	85326	111.74	85007	105.17	85270
455	505.9	4382.7	233	131.54	88064	122.85	88003	116.39	85007	112.73	85326	107.41	89288	106.40	86107
456	506.9	4382.7	234	131.22	88064	125.52	88003	114.75	85007	114.67	85326	108.41	86107	105.43	87352
457	507.9	4382.7	235	131.43	88064	127.29	88003	122.67	85007	118.44	85326	111.16	86107	109.78	89288
458	508.9	4382.7	236	141.32	85007	141.00	88003	136.04	88064	126.83	85326	121.03	87352	115.49	87356
459	509.9	4382.7	237	153.95	88003	137.47	85007	129.60	88064	127.60	85326	125.14	89051	124.15	87352
460	510.9	4382.7	238	127.14	88003	111.68	85326	111.44	85007	110.68	88064	106.34	89051	105.60	88340
461	511.9	4382.7	239	109.07	88003	104.44	85326	103.62	88064	100.86	86068	100.44	85007	95.25	89051
462	512.9	4382.7	240	105.49	88003	101.94	85326	98.87	88064	98.07	86068	95.79	85007	95.46	86107
503	482.9	4383.7	241	110.26	88064	109.98	85040	98.35	85270	93.60	88291	93.09	88047	89.60	86284
504	483.9	4383.7	242	114.26	88064	110.32	85040	100.61	85270	94.28	88291	94.01	88047	92.23	86284
505	484.9	4383.7	243	119.95	88064	111.55	85040	99.83	85270	95.71	88291	95.24	88047	93.76	86284
506	485.9	4383.7	244	118.93	88064	111.53	85040	102.88	85270	96.68	88291	96.60	88047	94.65	86284
507	486.9	4383.7	245	123.05	88064	113.71	85040	105.25	85270	100.40	88047	99.48	88291	96.72	86107
508	487.9	4383.7	246	125.24	88064	112.78	85040	104.73	85270	99.64	88291	99.03	88047	98.42	86107
509	488.9	4383.7	247	125.76	88064	112.60	85040	107.30	85270	100.71	89288	99.96	88047	99.72	86107
510	489.9	4383.7	248	124.52	88064	112.19	85040	108.22	85270	105.03	86107	99.58	89288	99.06	88047
511	490.9	4383.7	249	125.21	88064	112.10	85040	108.55	85270	103.02	89288	98.88	86107	96.19	88291

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
512	491.9	4383.7	250	129.01	88064	111.55	85040	108.77	85270	106.67	89288	101.51	86107	100.05	89344
513	492.9	4383.7	251	128.26	88064	110.54	86107	108.52	85270	107.97	85040	104.12	89288	98.76	85007
514	493.9	4383.7	252	129.51	88064	107.62	89288	105.30	85270	104.06	85040	101.23	86107	94.99	85007
515	494.9	4383.7	253	133.48	88064	109.03	86107	108.74	89288	107.07	85270	104.79	85040	101.75	89024
516	495.9	4383.7	254	133.92	88064	112.01	89288	110.37	85270	104.02	85040	103.64	86107	99.60	89344
517	496.9	4383.7	255	132.71	88064	115.12	86107	113.50	85270	112.48	89288	103.22	89344	102.94	85040
518	497.9	4383.7	256	136.14	88064	114.81	89288	111.83	85270	110.77	85007	109.85	86107	103.09	88003
519	498.9	4383.7	257	132.16	88064	115.63	89288	115.24	86107	111.67	85270	111.57	85007	111.47	88003
520	499.9	4383.7	258	133.36	88064	124.40	86107	118.40	85007	113.22	89288	112.20	88003	108.03	85270
521	500.9	4383.7	259	133.46	88064	131.93	86107	131.26	85007	117.43	88003	112.25	89288	110.62	85326
522	501.9	4383.7	260	136.35	88064	124.22	88003	122.55	85007	110.97	85326	109.73	89288	105.36	86107
523	502.9	4383.7	261	132.78	88064	118.97	88003	112.11	85007	111.48	85326	110.98	86107	106.60	89288
524	503.9	4383.7	262	138.88	88064	124.54	88003	110.01	85326	108.59	85007	105.62	89288	105.33	85270
525	504.9	4383.7	263	125.58	88064	118.95	88003	113.64	86107	109.93	85326	107.20	85007	104.13	85270
526	505.9	4383.7	264	129.83	88064	120.37	88003	111.15	85007	110.79	85326	104.83	89288	104.77	86107
527	506.9	4383.7	265	129.92	88064	124.56	88003	113.67	85326	112.49	85007	110.61	86107	105.46	87352
528	507.9	4383.7	266	133.75	88064	130.21	88003	123.20	85007	120.35	85326	115.02	86107	113.34	87352
529	508.9	4383.7	267	148.21	88003	143.59	85007	140.71	88064	132.84	85326	129.12	87352	122.10	87356
530	509.9	4383.7	268	157.06	88003	132.97	85007	132.07	88340	128.48	87352	126.56	88064	124.12	85326
531	510.9	4383.7	269	116.14	88003	108.63	88064	107.43	85326	101.19	85007	100.57	86068	98.56	89051
532	511.9	4383.7	270	107.89	88003	101.95	88064	101.82	85326	98.68	86068	96.21	85007	92.68	89051
533	512.9	4383.7	271	103.35	88003	100.02	85326	100.01	86107	98.56	88064	97.58	86068	93.12	85007
574	482.9	4384.7	272	116.95	85040	111.67	88064	101.03	85270	94.65	88291	93.71	88047	91.18	86284
575	483.9	4384.7	273	116.39	85040	114.59	88064	103.40	85270	94.83	88291	94.26	88047	92.20	86284
576	484.9	4384.7	274	119.85	88064	117.18	85040	102.42	85270	94.61	88047	94.57	88291	91.75	86284
577	485.9	4384.7	275	119.29	88064	118.11	85040	104.58	85270	97.14	88047	96.63	88291	93.01	89288
578	486.9	4384.7	276	127.87	88064	119.46	85040	106.42	85270	100.83	88047	99.21	88291	96.93	86107
579	487.9	4384.7	277	124.53	88064	114.71	85040	104.81	85270	100.64	88047	99.19	86107	97.13	88291
580	488.9	4384.7	278	128.17	88064	115.29	85040	107.03	85270	103.42	88047	99.59	88291	97.75	86107
581	489.9	4384.7	279	127.72	88064	113.46	85040	107.44	85270	104.94	86107	102.22	88047	98.71	89288
582	490.9	4384.7	280	124.81	88064	112.72	85040	107.37	85270	99.90	89288	99.86	88047	98.29	86107
583	491.9	4384.7	281	125.99	88064	113.67	85040	108.26	85270	103.97	89288	101.44	86107	99.93	88047
584	492.9	4384.7	282	124.54	88064	110.22	86107	108.72	85040	107.89	85270	102.45	89288	96.35	88047
585	493.9	4384.7	283	127.16	88064	108.14	85040	105.96	85270	105.82	89288	99.05	86107	95.14	88291
586	494.9	4384.7	284	131.23	88064	108.57	86107	106.64	89288	105.57	85270	105.41	85040	94.11	88291
587	495.9	4384.7	285	132.96	88064	109.04	85270	108.84	89288	106.86	85040	102.92	86107	99.16	89024
588	496.9	4384.7	286	133.85	88064	118.03	86107	116.09	85270	113.11	89288	105.10	85040	104.97	89344
589	497.9	4384.7	287	139.07	88064	117.29	89288	116.72	85007	115.57	87356	115.26	85270	114.87	86107
590	498.9	4384.7	288	135.38	88064	119.10	85007	119.10	86107	118.28	89288	117.29	88003	114.88	85270
591	499.9	4384.7	289	136.26	88064	126.33	86107	125.56	85007	117.37	88003	113.97	89288	112.37	85270
592	500.9	4384.7	290	136.36	88064	135.86	86107	134.82	85007	119.47	88003	113.19	85326	112.51	89288
593	501.9	4384.7	291	137.88	88064	123.68	88003	122.93	85007	111.12	85326	109.15	89288	107.27	86107
594	502.9	4384.7	292	134.07	88064	117.04	88003	110.96	86107	110.30	85007	109.64	85326	105.67	85270
595	503.9	4384.7	293	138.92	88064	122.53	88003	109.63	85326	107.54	85007	105.36	85270	105.14	89288
596	504.9	4384.7	294	124.84	88064	115.10	88003	112.93	86107	108.78	85326	104.85	85007	103.22	85270
597	505.9	4384.7	295	127.89	88064	117.75	88003	108.03	85326	107.68	85007	104.42	85270	102.96	86107
598	506.9	4384.7	296	127.03	88064	121.56	88003	111.78	85326	109.55	86107	109.38	85007	104.31	85270
599	507.9	4384.7	297	135.31	88064	130.30	88003	123.77	85007	123.42	85326	117.54	86107	116.68	87352
600	508.9	4384.7	298	151.50	88003	137.02	88064	136.71	85007	132.23	85326	131.04	87352	127.09	88340
601	509.9	4384.7	299	140.43	88003	121.43	88064	117.98	87352	117.27	85007	114.60	85326	113.02	88340
602	510.9	4384.7	300	111.93	88003	107.65	88064	104.55	85326	97.50	86068	97.21	85007	96.42	86107

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
603	511.9	4384.7	301	103.77	88003	100.59	88064	97.92	85326	96.81	86068	93.06	85007	91.77	86107
604	512.9	4384.7	302	103.79	88003	99.71	86107	98.90	88064	97.34	85326	96.51	86068	91.57	85007
645	482.9	4385.7	303	120.78	85040	114.20	88064	104.57	85270	100.26	88047	97.85	88291	92.70	86284
646	483.9	4385.7	304	121.04	85040	117.81	88064	105.76	85270	102.07	88047	97.86	88291	92.35	86284
647	484.9	4385.7	305	118.96	88064	118.18	85040	106.48	85270	99.01	88047	95.69	88291	91.80	86284
648	485.9	4385.7	306	120.87	85040	119.13	88064	109.02	85270	101.80	88047	97.86	88291	95.13	86284
649	486.9	4385.7	307	126.10	88064	120.34	85040	108.14	85270	105.70	88047	99.24	88291	95.59	86284
650	487.9	4385.7	308	130.07	88064	116.12	85040	106.50	85270	103.75	88047	99.91	88291	98.69	86107
651	488.9	4385.7	309	128.73	88064	113.95	85040	107.76	85270	103.40	88047	97.14	89288	97.05	86107
652	489.9	4385.7	310	130.86	88064	112.92	85040	107.75	85270	104.67	86107	103.23	88047	98.27	89288
653	490.9	4385.7	311	128.30	88064	111.84	85040	107.76	85270	102.06	88047	98.95	89288	98.14	86107
654	491.9	4385.7	312	129.49	88064	113.22	85040	109.91	85270	103.60	88047	102.64	89288	101.00	86107
655	492.9	4385.7	313	122.70	88064	107.99	85040	107.99	86107	106.96	85270	100.28	89288	97.69	88047
656	493.9	4385.7	314	125.54	88064	105.01	85270	104.74	85040	102.78	89288	97.01	88047	95.81	86107
657	494.9	4385.7	315	129.38	88064	105.62	86107	105.02	89288	104.18	85270	103.46	85040	96.18	88047
658	495.9	4385.7	316	130.33	88064	108.46	89288	107.89	85270	104.24	85040	102.79	89024	101.59	86107
659	496.9	4385.7	317	134.55	88064	115.32	86107	114.83	85270	113.25	89288	106.24	85040	105.41	89024
660	497.9	4385.7	318	138.71	88064	114.57	89288	114.13	85270	111.85	88003	111.65	85007	111.36	87356
661	498.9	4385.7	319	135.96	88064	119.61	89288	119.23	86107	117.10	88003	116.30	85270	115.19	85007
662	499.9	4385.7	320	138.63	88064	130.59	85007	125.71	86107	124.05	88003	114.65	89288	112.84	85270
663	500.9	4385.7	321	137.85	88064	137.53	86107	135.06	85007	121.01	88003	114.77	85326	112.74	87352
664	501.9	4385.7	322	138.84	88064	127.19	88003	125.56	85007	111.55	85326	109.18	89288	109.00	86107
665	502.9	4385.7	323	132.49	88064	121.93	88003	114.82	85007	112.07	85326	110.95	86107	107.50	85270
666	503.9	4385.7	324	140.75	88064	124.19	88003	112.05	85007	111.61	85326	106.30	85270	105.07	89288
667	504.9	4385.7	325	127.43	88064	118.82	88003	115.10	86107	109.99	85007	109.32	85326	106.56	85270
668	505.9	4385.7	326	129.53	88064	120.23	88003	112.67	85007	109.13	85326	106.76	85270	104.12	86107
669	506.9	4385.7	327	130.32	88064	125.61	88003	117.28	85007	115.55	85326	109.66	86107	109.24	87352
670	507.9	4385.7	328	139.56	88064	138.53	88003	135.13	85007	131.38	85326	125.74	87352	117.29	87356
671	508.9	4385.7	329	154.93	88003	144.78	85007	137.33	88064	135.37	87352	135.24	88340	131.27	85326
672	509.9	4385.7	330	136.83	88003	125.74	85007	120.79	88064	118.22	87352	115.61	85326	112.85	86346
673	510.9	4385.7	331	110.50	88003	107.93	88064	103.59	85326	100.45	85007	99.11	86068	95.34	86107
674	511.9	4385.7	332	104.36	88003	101.43	88064	96.64	86068	95.92	85326	94.05	85007	90.75	89288
675	512.9	4385.7	333	100.78	88003	99.03	88064	98.78	86107	96.09	85326	95.96	86068	92.09	85007
716	482.9	4386.7	334	126.14	85040	113.80	88064	108.90	88047	105.65	85270	100.28	88291	94.17	89024
717	483.9	4386.7	335	121.62	85040	116.70	88064	108.22	88047	106.10	85270	98.38	88291	96.25	85007
718	484.9	4386.7	336	121.88	85040	118.51	88064	109.31	85270	105.26	88047	98.85	88291	92.49	86284
719	485.9	4386.7	337	125.31	85040	119.59	88064	109.37	85270	109.17	88047	99.29	88291	91.92	86284
720	486.9	4386.7	338	122.89	88064	120.78	85040	107.74	85270	104.22	88047	99.31	88291	94.91	86107
721	487.9	4386.7	339	125.83	88064	117.39	85040	107.64	85270	103.49	88047	98.57	88291	95.28	86107
722	488.9	4386.7	340	129.32	88064	115.58	85040	108.37	85270	103.17	88047	98.31	88291	96.53	86107
723	489.9	4386.7	341	131.49	88064	115.87	85040	109.37	85270	103.46	88047	102.77	86107	97.19	89288
724	490.9	4386.7	342	131.85	88064	112.67	85040	109.00	85270	102.97	88047	98.99	86107	97.17	89288
725	491.9	4386.7	343	132.88	88064	112.82	85040	109.94	85270	105.21	88047	101.02	86107	100.29	89288
726	492.9	4386.7	344	124.33	88064	111.32	86107	110.18	85040	106.69	85270	100.54	89288	100.37	88047
727	493.9	4386.7	345	125.67	88064	108.30	85040	107.38	85270	101.47	89288	97.88	86107	97.58	88047
728	494.9	4386.7	346	130.40	88064	108.24	85040	106.68	85270	105.25	86107	103.32	89288	98.88	88047
729	495.9	4386.7	347	133.12	88064	109.26	89288	107.89	85040	107.80	85270	101.32	88047	101.22	86107
730	496.9	4386.7	348	134.07	88064	118.28	86107	116.14	89024	113.70	85270	111.80	89288	110.11	85040
731	497.9	4386.7	349	136.03	88064	113.47	89288	112.90	85270	109.82	88003	109.70	86107	108.82	85040
732	498.9	4386.7	350	134.90	88064	120.43	89288	117.50	86107	115.94	85270	114.07	87356	111.89	85007
733	499.9	4386.7	351	139.23	88064	134.19	85007	127.08	88003	125.49	86107	114.10	89288	112.68	85270

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
734	500.9	4386.7	352	137.96	88064	137.76	86107	129.05	85007	119.48	88003	114.55	85326	110.21	87352
735	501.9	4386.7	353	137.80	88064	127.12	88003	121.78	85007	111.10	85326	109.79	86107	107.26	89288
736	502.9	4386.7	354	133.37	88064	122.34	88003	111.88	85326	111.79	85007	111.09	86107	105.58	89288
737	503.9	4386.7	355	136.60	88064	122.11	88003	109.22	85326	108.53	85007	104.97	85270	104.49	86107
738	504.9	4386.7	356	124.18	88064	119.26	88003	116.35	86107	108.51	85326	107.14	85007	106.17	85270
739	505.9	4386.7	357	129.21	88064	122.36	88003	110.55	85007	109.91	85326	106.97	85270	103.73	86107
740	506.9	4386.7	358	133.70	88064	128.75	88003	118.89	85007	118.80	85326	114.05	87352	111.76	85270
741	507.9	4386.7	359	146.58	88003	140.73	88064	135.07	85007	133.00	85326	132.37	87352	121.86	87314
742	508.9	4386.7	360	154.10	88003	141.05	85007	140.30	88340	138.24	87352	137.47	88064	128.75	85326
743	509.9	4386.7	361	140.05	88003	124.17	85007	122.22	88064	121.38	87352	117.99	86346	113.30	85326
744	510.9	4386.7	362	109.04	88003	106.93	88064	101.14	85326	100.34	86107	98.72	85007	97.95	86068
745	511.9	4386.7	363	105.51	88003	102.59	88064	97.35	86068	95.00	85326	94.41	86107	91.77	85007
746	512.9	4386.7	364	103.32	86107	102.82	88003	100.28	88064	98.64	86068	96.14	85326	91.71	85007
787	482.9	4387.7	365	130.87	85040	111.50	88064	109.32	88047	107.48	85270	104.52	88291	88.76	86284
788	483.9	4387.7	366	123.62	85040	116.78	88064	107.26	88047	103.23	85270	100.75	88291	91.27	89288
789	484.9	4387.7	367	125.14	85040	115.57	88064	108.68	88047	107.71	85270	100.41	88291	90.90	86284
790	485.9	4387.7	368	123.92	85040	113.76	88064	106.77	88047	105.71	85270	99.83	88291	87.52	86284
791	486.9	4387.7	369	121.68	85040	115.74	88064	105.88	85270	104.36	88047	97.27	88291	92.28	86107
792	487.9	4387.7	370	121.59	88064	119.29	85040	106.69	85270	103.76	88047	97.74	88291	93.00	86107
793	488.9	4387.7	371	126.62	88064	119.39	85040	108.04	85270	104.66	88047	98.64	88291	94.96	89288
794	489.9	4387.7	372	129.35	88064	118.74	85040	110.33	85270	105.35	88047	101.30	86107	97.42	89288
795	490.9	4387.7	373	130.07	88064	116.88	85040	109.88	85270	103.32	88047	95.40	86107	95.19	88291
796	491.9	4387.7	374	133.08	88064	114.03	85040	111.15	85270	103.79	88047	96.83	89288	95.43	86107
797	492.9	4387.7	375	129.80	88064	111.89	86107	111.08	85040	110.12	85270	104.24	88047	100.12	89288
798	493.9	4387.7	376	130.33	88064	110.96	85040	108.18	85270	104.48	88047	101.50	89288	99.95	86107
799	494.9	4387.7	377	132.25	88064	110.03	85270	110.02	85040	107.32	86107	105.93	88047	102.33	89288
800	495.9	4387.7	378	134.21	88064	111.09	85040	109.81	85270	105.90	89288	105.51	88047	100.44	88003
801	496.9	4387.7	379	133.94	88064	116.04	86107	113.06	85270	111.16	89288	110.25	85040	106.72	88047
802	497.9	4387.7	380	137.19	88064	124.64	89024	116.94	85270	114.95	89288	114.37	86107	109.24	88003
803	498.9	4387.7	381	137.62	88064	128.50	87356	124.52	89288	123.45	85007	118.57	86107	117.94	85270
804	499.9	4387.7	382	146.47	85007	144.96	88064	130.90	88003	125.73	86107	122.50	87352	116.65	85326
805	500.9	4387.7	383	136.87	86107	136.77	88064	126.93	85007	121.86	88003	113.98	85326	109.55	89288
806	501.9	4387.7	384	138.39	88064	126.49	88003	121.50	85007	112.73	85326	108.55	86107	107.21	89288
807	502.9	4387.7	385	134.95	88064	119.93	88003	112.00	86107	111.89	85007	110.21	85326	104.83	85270
808	503.9	4387.7	386	134.40	88064	119.91	88003	109.58	85326	108.77	85007	104.77	85270	103.06	86107
809	504.9	4387.7	387	124.95	88064	118.38	88003	114.43	86107	109.21	85326	108.60	85007	106.10	85270
810	505.9	4387.7	388	126.90	88064	122.57	88003	115.58	85007	111.64	85326	105.61	85270	103.21	87352
811	506.9	4387.7	389	134.17	88064	132.93	88003	123.56	85007	122.34	85326	118.95	87352	113.08	85270
812	507.9	4387.7	390	146.43	88003	136.29	88340	132.13	88064	131.58	87352	125.26	85326	125.22	85007
813	508.9	4387.7	391	133.73	88003	128.40	88064	120.15	87352	115.70	85326	113.30	88340	113.00	88059
814	509.9	4387.7	392	130.74	88003	122.12	88064	115.41	85007	115.27	87352	108.78	85326	106.24	86107
815	510.9	4387.7	393	116.40	88003	111.25	88064	108.73	85007	106.23	86068	103.91	85326	103.34	86107
816	511.9	4387.7	394	111.41	88003	104.99	86068	104.95	88064	98.74	85007	98.20	85326	93.43	86107
817	512.9	4387.7	395	106.31	88003	102.57	88064	99.91	86107	99.08	86068	95.70	85326	92.05	85007
858	482.9	4388.7	396	120.00	85040	113.17	88047	109.49	88064	101.33	88291	100.46	85270	90.58	86284
859	483.9	4388.7	397	121.14	85040	116.75	88064	113.85	88047	103.45	85270	101.40	88291	91.39	86284
860	484.9	4388.7	398	120.96	85040	114.56	88064	112.12	88047	103.88	85270	98.25	88291	89.06	86284
861	485.9	4388.7	399	117.98	85040	108.39	88064	108.18	88047	102.04	85270	96.42	88291	87.08	86284
862	486.9	4388.7	400	117.42	85040	110.79	88064	108.33	88047	102.10	85270	96.52	88291	88.31	86107
863	487.9	4388.7	401	119.99	85040	114.88	88064	110.06	88047	103.93	85270	96.49	88291	89.94	86107
864	488.9	4388.7	402	120.58	85040	120.48	88064	111.29	88047	106.49	85270	97.15	88291	93.08	89288

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
865	489.9	4388.7	403	128.48	88064	121.00	85040	112.45	88047	110.84	85270	100.67	86107	99.84	88291
866	490.9	4388.7	404	127.09	88064	118.78	85040	110.29	85270	110.11	88047	98.05	89024	97.58	89288
867	491.9	4388.7	405	131.07	88064	120.47	85040	113.02	85270	111.13	88047	98.19	89024	97.22	89288
868	492.9	4388.7	406	132.15	88064	121.36	85040	115.27	88047	115.19	85270	110.28	86107	101.30	89024
869	493.9	4388.7	407	137.44	88064	117.54	85040	113.31	85270	110.61	88047	105.55	88003	105.00	85007
870	494.9	4388.7	408	137.70	88064	116.26	85270	115.13	85040	112.00	88047	107.71	86107	102.78	85007
871	495.9	4388.7	409	139.40	88064	113.02	85270	111.28	85040	108.84	88047	106.07	88003	105.12	89288
872	496.9	4388.7	410	134.29	88064	115.84	85270	113.88	85040	112.99	86107	112.58	88047	110.49	89288
873	497.9	4388.7	411	138.73	88064	119.43	85270	116.64	89024	116.42	88003	114.29	85040	112.73	86107
874	498.9	4388.7	412	144.53	87356	141.92	88064	126.50	89288	122.74	85007	119.31	89344	119.16	85270
875	499.9	4388.7	413	148.42	85007	147.83	88064	134.50	88003	129.33	87352	125.05	86107	120.38	85326
876	500.9	4388.7	414	141.69	88064	139.52	86107	135.38	85007	130.68	88003	119.55	85326	114.34	87352
877	501.9	4388.7	415	143.24	88064	133.86	88003	133.27	85007	116.34	85326	113.66	86107	110.19	87352
878	502.9	4388.7	416	139.59	88064	128.58	88003	125.79	85007	115.21	86107	115.13	85326	107.70	85270
879	503.9	4388.7	417	135.76	88064	125.73	88003	119.58	85007	113.31	85326	105.96	85270	105.04	89051
880	504.9	4388.7	418	127.57	88064	125.11	88003	118.53	85007	115.79	86107	111.91	85326	107.74	85270
881	505.9	4388.7	419	131.39	88064	128.45	88003	127.76	85007	116.40	85326	111.55	87352	108.46	85270
882	506.9	4388.7	420	140.87	88003	136.21	88064	130.20	85007	126.68	87352	125.32	85326	112.67	88047
883	507.9	4388.7	421	142.42	88003	128.66	87352	126.16	85007	124.98	88064	124.66	88340	119.69	85326
884	508.9	4388.7	422	127.66	88003	120.80	88064	112.94	87352	111.57	85007	110.97	85326	104.92	88340
885	509.9	4388.7	423	121.68	88003	119.71	88064	109.73	87352	109.58	85007	107.63	86068	106.53	85326
886	510.9	4388.7	424	115.80	88003	115.29	88064	107.92	86068	107.38	85007	103.79	87352	103.07	85326
887	511.9	4388.7	425	118.49	88003	111.87	88064	109.58	85007	105.72	86068	102.15	85326	100.13	87352
888	512.9	4388.7	426	112.38	88003	105.23	88064	104.77	86068	104.23	85007	101.04	85326	98.94	86107
929	482.9	4389.7	427	121.31	85040	111.44	88047	109.09	88064	101.30	88291	100.90	85270	91.43	86284
930	483.9	4389.7	428	124.28	85040	117.81	88064	113.61	88047	103.50	88291	102.92	85270	91.63	86284
931	484.9	4389.7	429	121.47	85040	111.21	88064	108.06	88047	101.89	85270	100.23	88291	88.57	86284
932	485.9	4389.7	430	121.25	85040	109.40	88064	107.32	88047	101.94	85270	98.40	88291	86.83	86284
933	486.9	4389.7	431	121.68	85040	112.07	88064	106.91	88047	103.09	85270	97.29	88291	87.07	86107
934	487.9	4389.7	432	120.82	85040	111.41	88064	106.43	88047	104.39	85270	97.39	88291	90.17	86107
935	488.9	4389.7	433	123.94	85040	117.81	88064	109.09	88047	106.94	85270	99.13	88291	91.62	89288
936	489.9	4389.7	434	127.57	85040	124.40	88064	114.24	88047	109.27	85270	100.62	88291	97.99	86107
937	490.9	4389.7	435	126.29	88064	123.64	85040	113.87	88047	108.87	85270	99.20	88291	96.32	86107
938	491.9	4389.7	436	126.65	88064	123.38	85040	113.41	88047	110.84	85270	98.84	88291	95.61	89288
939	492.9	4389.7	437	127.19	88064	124.51	85040	117.25	88047	112.84	85270	108.25	86107	99.58	88291
940	493.9	4389.7	438	132.33	88064	121.79	85040	112.93	88047	109.80	85270	100.30	86107	99.88	88003
941	494.9	4389.7	439	132.60	88064	122.29	85040	113.98	85270	112.39	88047	107.38	86107	100.62	88003
942	495.9	4389.7	440	137.07	88064	117.33	85040	113.28	85270	110.15	88047	104.90	88003	102.07	89288
943	496.9	4389.7	441	135.92	88064	120.95	85040	117.94	85270	112.30	86107	111.92	88047	106.85	89288
944	497.9	4389.7	442	140.53	88064	121.39	85270	119.25	85040	112.48	88047	111.39	88003	111.21	86107
945	498.9	4389.7	443	187.88	89024	145.75	88064	131.57	86107	130.29	87356	126.34	88004	124.74	85270
946	499.9	4389.7	444	146.63	88064	145.64	85007	139.01	88003	129.60	86107	128.78	85326	128.00	87352
947	500.9	4389.7	445	142.58	88064	141.10	86107	133.49	88003	132.96	85007	117.74	85326	116.52	88047
948	501.9	4389.7	446	143.77	88064	131.13	88003	125.99	85007	117.55	86107	113.49	85326	110.66	88047
949	502.9	4389.7	447	142.51	88064	129.13	88003	119.93	85007	116.40	86107	114.42	85326	107.37	87352
950	503.9	4389.7	448	135.04	88064	127.05	88003	115.04	85007	111.74	85326	108.45	86107	104.41	88047
951	504.9	4389.7	449	127.35	88064	125.00	88003	120.04	86107	115.03	85007	113.27	85326	107.44	85270
952	505.9	4389.7	450	134.02	88003	132.13	88064	128.11	85007	118.54	85326	115.56	87352	109.83	86107
953	506.9	4389.7	451	141.57	88003	128.98	88064	128.79	87352	124.87	88340	121.99	85007	120.80	85326
954	507.9	4389.7	452	128.17	88003	120.19	88064	116.75	87352	111.86	85326	110.11	86107	107.16	85007
955	508.9	4389.7	453	124.38	88003	116.36	88064	106.82	87352	105.69	85326	103.07	86068	102.84	85007

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
956	509.9	4389.7	454	113.37	88064	111.66	88003	103.00	86068	102.11	87352	101.60	85326	100.10	86107
957	510.9	4389.7	455	113.08	88064	109.98	88003	103.84	86107	103.52	86068	102.58	87352	100.03	85326
958	511.9	4389.7	456	121.67	88003	115.23	88064	105.29	85007	104.38	86068	104.00	87352	103.74	85326
959	512.9	4389.7	457	114.70	88003	107.46	86107	106.54	88064	104.22	86068	100.54	85007	100.09	85326
1000	482.9	4390.7	458	119.48	85040	109.75	88047	109.52	88064	103.62	85270	98.07	88291	94.00	86284
1001	483.9	4390.7	459	125.91	85040	117.76	88064	116.07	88047	105.41	85270	102.71	88291	94.57	86284
1002	484.9	4390.7	460	123.72	85040	113.00	88047	112.21	88064	102.22	85270	101.04	88291	89.35	86284
1003	485.9	4390.7	461	123.19	85040	111.53	88047	109.88	88064	104.44	85270	101.37	88291	88.42	86284
1004	486.9	4390.7	462	122.82	85040	114.11	88064	110.96	88047	105.13	85270	100.85	88291	88.38	86284
1005	487.9	4390.7	463	123.92	85040	112.67	88064	110.68	88047	104.42	85270	99.03	88291	88.86	86107
1006	488.9	4390.7	464	124.95	85040	115.93	88064	114.07	88047	106.77	85270	99.50	88291	90.25	86107
1007	489.9	4390.7	465	126.04	85040	122.93	88064	117.03	88047	109.11	85270	101.36	88291	95.47	86107
1008	490.9	4390.7	466	124.30	88064	123.45	85040	115.04	88047	109.08	85270	101.19	88291	95.85	89288
1009	491.9	4390.7	467	125.78	88064	121.77	85040	112.61	88047	110.03	85270	99.39	88291	95.36	89288
1010	492.9	4390.7	468	123.35	88064	121.78	85040	113.79	88047	111.76	85270	105.78	86107	99.70	88291
1011	493.9	4390.7	469	131.20	88064	120.13	85040	111.42	85270	111.14	88047	99.12	88291	98.51	88003
1012	494.9	4390.7	470	131.01	88064	122.39	85040	115.03	85270	112.11	88047	105.04	86107	100.25	88003
1013	495.9	4390.7	471	131.45	88064	120.45	85040	116.90	85270	111.96	88047	107.38	88003	100.50	89288
1014	496.9	4390.7	472	132.72	88064	120.23	85270	120.03	85040	114.32	88047	107.68	86107	105.35	88003
1015	497.9	4390.7	473	131.22	88064	120.97	85270	117.76	85040	114.97	88047	110.23	88003	106.86	89288
1016	498.9	4390.7	474	153.69	86339	149.87	88064	145.39	87350	143.29	88059	143.07	85040	141.24	87359
1017	499.9	4390.7	475	149.29	88064	134.59	85007	131.86	86107	129.64	88003	128.69	87352	126.02	87327
1018	500.9	4390.7	476	144.99	88064	137.62	86107	133.36	88003	132.09	85007	116.09	87352	114.31	85270
1019	501.9	4390.7	477	144.62	88064	133.92	88003	129.07	85007	113.14	85326	112.43	86107	110.52	85270
1020	502.9	4390.7	478	145.90	88064	133.22	88003	123.93	85007	115.74	85326	113.69	86107	109.27	87352
1021	503.9	4390.7	479	137.46	88064	133.31	88003	122.70	85007	114.19	85326	107.50	87352	105.55	85270
1022	504.9	4390.7	480	130.75	88064	128.43	88003	124.03	85007	118.92	86107	117.66	85326	110.48	87352
1023	505.9	4390.7	481	141.86	88003	137.04	85007	135.00	88064	124.77	87352	120.97	85326	113.55	88021
1024	506.9	4390.7	482	141.18	88003	127.88	87352	124.70	88064	122.85	85007	117.45	88340	115.75	85326
1025	507.9	4390.7	483	125.30	88003	117.39	88064	110.72	87352	108.69	85007	107.73	85326	103.64	86068
1026	508.9	4390.7	484	122.01	88003	115.24	88064	106.99	85007	105.77	87352	104.33	85326	103.23	86068
1027	509.9	4390.7	485	114.38	88003	112.51	88064	103.20	86068	102.00	87352	100.62	85007	100.49	85326
1028	510.9	4390.7	486	113.75	88064	109.71	88003	105.99	87352	104.16	85007	103.01	86068	100.91	85326
1029	511.9	4390.7	487	123.77	88003	113.85	88064	107.30	86068	106.52	85007	106.47	87352	104.23	85326
1030	512.9	4390.7	488	112.99	88003	107.18	88064	105.03	86068	100.04	86107	97.72	85007	96.43	87352
1071	482.9	4391.7	489	120.89	85040	114.25	88047	112.88	88064	106.16	85270	95.84	88291	93.17	86284
1072	483.9	4391.7	490	124.04	85040	119.38	88064	117.69	88047	109.10	85270	99.96	88291	94.14	86284
1073	484.9	4391.7	491	122.21	85040	115.10	88064	113.91	88047	104.95	85270	100.26	88291	93.45	86284
1074	485.9	4391.7	492	122.58	85040	114.20	88047	112.11	88064	107.24	85270	103.04	88291	91.09	86284
1075	486.9	4391.7	493	122.43	85040	116.42	88047	115.61	88064	106.87	85270	101.96	88291	90.50	86284
1076	487.9	4391.7	494	120.93	85040	117.12	88047	116.95	88064	106.87	85270	101.73	88291	90.09	86107
1077	488.9	4391.7	495	123.09	85040	117.93	88047	117.91	88064	109.73	85270	102.34	88291	91.02	86107
1078	489.9	4391.7	496	123.88	85040	118.15	88064	117.74	88047	108.83	85270	101.13	88291	95.30	86107
1079	490.9	4391.7	497	123.48	88064	122.53	85040	115.92	88047	108.54	85270	103.00	88291	94.05	89288
1080	491.9	4391.7	498	125.33	88064	123.24	85040	113.79	88047	110.17	85270	103.52	88291	95.05	89288
1081	492.9	4391.7	499	125.51	85040	122.46	88064	115.59	88047	113.56	85270	105.92	86107	102.90	88291
1082	493.9	4391.7	500	130.68	88064	122.12	85040	113.70	88047	113.64	85270	100.59	88003	99.44	88291
1083	494.9	4391.7	501	130.91	88064	121.10	85040	116.19	88047	114.17	85270	105.92	86107	100.00	88291
1084	495.9	4391.7	502	131.97	88064	122.46	85040	115.96	88047	115.88	85270	106.78	88003	101.57	87352
1085	496.9	4391.7	503	133.54	88064	123.77	85040	119.03	88047	115.75	85270	110.94	88003	107.34	86107
1086	497.9	4391.7	504	133.41	88064	121.85	85270	121.72	85040	115.33	88047	112.05	88003	107.73	85007

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1087	498.9	4391.7	505	141.26	88064	130.83	85040	128.71	88059	127.60	88003	121.43	85270	120.96	87352
1088	499.9	4391.7	506	142.79	88064	132.86	87314	129.82	87352	123.20	85007	121.97	87350	121.21	85270
1089	500.9	4391.7	507	147.27	88064	137.20	86107	135.02	88003	132.21	85007	123.14	87327	119.03	87352
1090	501.9	4391.7	508	145.61	88064	136.08	88003	131.49	85007	114.31	85326	113.54	87327	113.29	87352
1091	502.9	4391.7	509	149.95	88064	136.26	88003	127.66	85007	117.48	85326	116.37	87352	115.71	86107
1092	503.9	4391.7	510	143.14	88064	141.32	88003	129.51	85007	117.69	85326	116.34	87352	111.04	88021
1093	504.9	4391.7	511	139.42	88064	139.39	88003	137.60	85007	125.40	86107	122.39	87352	121.46	85326
1094	505.9	4391.7	512	154.33	88003	142.11	85007	136.38	87352	134.14	88064	130.06	88340	127.69	87351
1095	506.9	4391.7	513	131.77	88003	122.01	88064	120.23	87352	114.04	85007	109.57	85326	108.78	86107
1096	507.9	4391.7	514	127.84	88003	116.91	88064	110.39	87352	107.95	85007	106.11	85326	103.42	86107
1097	508.9	4391.7	515	120.30	88003	110.98	88064	103.49	87352	102.00	86068	101.94	85326	101.25	85007
1098	509.9	4391.7	516	110.69	88064	108.67	88003	100.94	86068	100.08	87352	97.61	85326	96.70	88059
1099	510.9	4391.7	517	110.94	88003	110.08	88064	104.46	87352	102.32	86068	100.48	85326	97.82	85007
1100	511.9	4391.7	518	112.91	88003	108.27	88064	104.70	86068	101.09	87352	98.17	86329	97.34	85326
1101	512.9	4391.7	519	106.57	88003	105.91	88064	100.63	86068	100.50	86107	93.94	85007	93.22	87352
1142	482.9	4392.7	520	127.67	85040	114.62	88047	113.42	88064	107.97	85270	96.13	88291	92.80	88016
1143	483.9	4392.7	521	126.84	85040	117.94	88064	115.98	88047	111.15	85270	97.13	88291	92.88	88016
1144	484.9	4392.7	522	121.51	85040	115.08	88064	113.02	88047	107.72	85270	96.67	88291	91.78	88016
1145	485.9	4392.7	523	122.94	85040	115.41	88047	113.73	88064	107.72	85270	99.34	88291	90.30	88016
1146	486.9	4392.7	524	124.06	85040	118.30	88064	117.79	88047	108.49	85270	102.16	88291	92.48	88016
1147	487.9	4392.7	525	125.25	85040	119.74	88047	119.34	88064	108.39	85270	102.64	88291	92.32	88016
1148	488.9	4392.7	526	127.15	85040	121.24	88047	119.48	88064	110.40	85270	103.76	88291	95.87	87314
1149	489.9	4392.7	527	125.95	85040	119.68	88064	118.59	88047	110.13	85270	104.10	88291	96.73	86107
1150	490.9	4392.7	528	126.22	85040	122.58	88064	117.02	88047	110.05	85270	103.58	88291	94.63	86107
1151	491.9	4392.7	529	124.60	85040	122.63	88064	116.05	88047	110.29	85270	103.83	88291	95.38	86107
1152	492.9	4392.7	530	124.32	85040	122.79	88064	118.30	88047	112.23	85270	107.05	86107	102.83	88291
1153	493.9	4392.7	531	128.82	88064	122.81	85040	116.13	88047	110.54	85270	100.62	88003	99.72	88291
1154	494.9	4392.7	532	132.10	88064	124.21	85040	118.65	88047	110.41	85270	106.18	86107	100.78	88003
1155	495.9	4392.7	533	130.71	88064	122.99	85040	116.60	88047	113.42	85270	107.75	88003	103.21	88004
1156	496.9	4392.7	534	134.68	88064	127.26	85040	118.87	85270	117.17	88047	109.32	88003	107.78	86107
1157	497.9	4392.7	535	134.13	88064	118.62	85040	117.54	85270	115.83	88047	114.48	88003	106.89	87352
1158	498.9	4392.7	536	131.24	88064	118.69	85040	117.89	88059	116.43	88047	114.98	88003	113.23	85270
1159	499.9	4392.7	537	141.98	88064	123.74	87352	119.60	89288	119.43	85270	118.19	88047	116.99	85007
1160	500.9	4392.7	538	145.28	88064	134.57	86107	134.51	85007	132.05	88003	123.47	87352	119.65	87350
1161	501.9	4392.7	539	147.68	88064	140.34	88003	135.58	85007	124.13	87327	119.28	87352	118.49	86107
1162	502.9	4392.7	540	151.94	88064	141.42	88003	130.42	85007	122.43	87352	121.77	85326	121.76	87327
1163	503.9	4392.7	541	142.42	88003	141.71	88064	126.36	85007	119.51	87352	116.74	85326	115.25	87350
1164	504.9	4392.7	542	141.18	88003	138.88	88064	127.66	85007	125.92	87352	124.74	86107	121.13	87351
1165	505.9	4392.7	543	147.35	88003	133.27	87352	130.45	85007	130.12	88064	123.74	87351	112.43	88340
1166	506.9	4392.7	544	123.25	88003	118.85	88064	112.38	87352	106.37	86107	105.90	85326	105.54	85007
1167	507.9	4392.7	545	124.87	88003	116.09	88064	106.72	87352	104.71	86107	103.55	85007	103.11	85326
1168	508.9	4392.7	546	116.71	88003	110.53	88064	102.51	87352	102.01	86068	99.87	85326	98.56	85007
1169	509.9	4392.7	547	109.85	88064	108.47	88003	103.47	86068	99.62	87352	98.76	85326	96.05	86107
1170	510.9	4392.7	548	107.92	88003	106.98	88064	102.52	86068	100.55	87352	97.69	85326	97.35	86107
1171	511.9	4392.7	549	111.99	88003	104.87	88064	103.17	86068	99.24	87352	94.78	85326	94.13	86329
1172	512.9	4392.7	550	104.91	88064	103.95	88003	100.74	86107	99.72	86068	93.90	85326	93.42	87352
1213	482.9	4393.7	551	125.26	85040	115.44	88047	114.15	88064	108.80	85270	95.00	88016	94.77	88291
1214	483.9	4393.7	552	126.67	85040	118.33	88047	113.07	88064	108.29	85270	94.84	88291	92.02	88016
1215	484.9	4393.7	553	122.97	85040	117.10	88047	111.53	88064	107.96	85270	93.62	88291	89.85	88016
1216	485.9	4393.7	554	120.60	85040	116.50	88047	113.04	88064	108.24	85270	94.97	88291	89.23	85070
1217	486.9	4393.7	555	122.85	85040	119.84	88064	119.50	88047	111.36	85270	98.83	88291	91.45	86284

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1218	487.9	4393.7	556	122.96	85040	121.82	88064	118.57	88047	111.51	85270	100.49	88291	91.91	86284
1219	488.9	4393.7	557	125.31	85040	122.51	88064	120.60	88047	111.15	85270	102.94	88291	93.21	88016
1220	489.9	4393.7	558	125.32	85040	122.90	88064	120.53	88047	109.89	85270	103.67	88291	95.41	86107
1221	490.9	4393.7	559	125.27	85040	123.52	88064	120.54	88047	109.36	85270	104.71	88291	96.11	88016
1222	491.9	4393.7	560	123.34	85040	121.74	88064	120.09	88047	110.27	85270	104.01	88291	97.21	88016
1223	492.9	4393.7	561	124.77	88064	123.40	85040	122.25	88047	112.20	85270	105.76	86107	104.17	88291
1224	493.9	4393.7	562	131.40	88064	122.70	85040	119.99	88047	110.61	85270	105.82	88003	102.67	88291
1225	494.9	4393.7	563	130.81	88064	125.23	85040	117.85	88047	111.33	85270	104.65	86107	103.07	88291
1226	495.9	4393.7	564	131.52	88064	124.06	85040	115.86	88047	115.14	85270	108.17	88003	102.01	88291
1227	496.9	4393.7	565	134.05	88064	122.13	85040	119.24	85270	118.33	88047	106.85	86107	105.82	88003
1228	497.9	4393.7	566	132.04	88064	118.65	85040	118.04	88047	113.28	88003	112.71	85270	107.68	87352
1229	498.9	4393.7	567	130.20	88064	121.81	85040	119.81	88059	117.12	88047	115.85	88003	114.35	85270
1230	499.9	4393.7	568	140.98	88064	122.42	87352	121.38	88047	120.17	88003	119.58	85007	119.30	85270
1231	500.9	4393.7	569	145.62	88064	136.81	85007	135.29	86107	133.15	87350	132.28	88003	126.40	87352
1232	501.9	4393.7	570	148.45	88003	144.04	88064	142.31	85007	130.04	87352	125.40	87350	123.64	87327
1233	502.9	4393.7	571	148.48	88064	131.72	88003	116.81	87327	115.79	86107	115.15	85007	113.83	87352
1234	503.9	4393.7	572	135.85	88003	135.24	88064	115.64	85007	115.27	87352	110.60	85326	108.23	86107
1235	504.9	4393.7	573	134.98	88003	133.16	88064	121.82	87352	120.78	86107	119.32	85007	115.56	87351
1236	505.9	4393.7	574	140.12	88003	128.43	88064	127.46	87352	125.35	85007	112.21	87351	107.96	85326
1237	506.9	4393.7	575	124.26	88003	118.46	88064	107.48	87352	104.07	85007	104.04	86107	103.80	85326
1238	507.9	4393.7	576	122.68	88003	115.00	88064	105.87	87352	105.73	85007	103.06	86107	101.97	86068
1239	508.9	4393.7	577	117.64	88003	111.71	88064	106.15	86068	104.78	87352	101.54	85326	100.54	88059
1240	509.9	4393.7	578	109.89	88064	106.97	88003	103.70	86068	97.69	87352	97.31	85326	95.38	86107
1241	510.9	4393.7	579	106.24	88003	105.29	88064	102.36	86068	101.29	87352	97.57	85326	96.18	85270
1242	511.9	4393.7	580	112.00	88003	106.19	88064	103.02	86068	100.53	87352	95.64	85326	95.18	86329
1243	512.9	4393.7	581	104.72	88003	103.98	88064	100.18	86068	98.34	86107	95.98	87352	93.98	85326
1284	482.9	4394.7	582	130.78	85040	124.48	88047	116.53	88064	112.11	85270	99.49	87314	99.23	88016
1285	483.9	4394.7	583	122.89	85040	116.57	88047	112.45	88064	110.28	85270	92.81	88016	91.18	85007
1286	484.9	4394.7	584	121.62	85040	116.51	88047	109.90	85270	108.71	88064	92.66	88291	90.26	88016
1287	485.9	4394.7	585	124.17	85040	119.07	88047	112.95	88064	108.79	85270	94.03	88291	90.89	85070
1288	486.9	4394.7	586	124.28	85040	121.34	88047	118.77	88064	111.34	85270	96.01	88291	93.58	85070
1289	487.9	4394.7	587	124.87	85040	123.39	88064	121.88	88047	113.19	85270	98.08	88291	95.58	88016
1290	488.9	4394.7	588	123.65	85040	123.41	88064	121.33	88047	112.26	85270	99.44	88291	95.59	88016
1291	489.9	4394.7	589	124.56	88064	124.44	88047	123.53	85040	113.02	85270	104.07	88291	98.07	88016
1292	490.9	4394.7	590	127.11	88064	125.04	88047	124.89	85040	111.67	85270	105.05	88291	99.74	88016
1293	491.9	4394.7	591	125.46	88064	125.26	88047	124.34	85040	110.79	85270	105.24	88291	100.57	88016
1294	492.9	4394.7	592	128.68	85040	127.68	88064	127.02	88047	113.60	85270	108.27	88291	108.18	87314
1295	493.9	4394.7	593	132.17	88064	124.06	85040	122.12	88047	112.00	85270	108.86	88003	104.48	88291
1296	494.9	4394.7	594	131.64	88064	124.83	85040	120.98	88047	113.71	85270	104.02	88291	102.67	86107
1297	495.9	4394.7	595	132.09	88064	120.06	85040	119.15	88047	115.00	85270	105.74	88003	103.21	88291
1298	496.9	4394.7	596	132.74	88064	120.58	85040	120.47	88047	115.39	85270	106.94	88003	106.74	86107
1299	497.9	4394.7	597	129.88	88064	122.30	85040	118.27	88047	112.18	85270	111.86	88003	108.56	88059
1300	498.9	4394.7	598	131.51	88064	121.94	88059	120.44	88047	119.53	85040	113.83	85270	113.76	88003
1301	499.9	4394.7	599	137.87	88064	129.08	88047	128.75	87356	124.99	88059	122.85	87314	122.46	88003
1302	500.9	4394.7	600	143.66	88064	138.42	88003	133.82	85007	133.64	87352	131.48	86107	128.62	88047
1303	501.9	4394.7	601	139.66	88064	136.37	88003	131.59	85007	128.46	87352	120.11	87350	114.61	85326
1304	502.9	4394.7	602	142.61	88064	128.37	88003	121.48	85007	112.68	87352	111.80	85326	111.01	86107
1305	503.9	4394.7	603	135.88	88003	133.92	88064	116.55	85007	115.14	87352	108.61	87327	106.54	85326
1306	504.9	4394.7	604	133.54	88003	132.13	88064	122.81	87352	121.06	85007	117.57	86107	114.63	87351
1307	505.9	4394.7	605	140.34	88003	127.84	88064	125.70	87352	124.87	85007	108.21	88340	108.08	85326
1308	506.9	4394.7	606	123.25	88003	119.70	88064	107.48	87352	106.71	85007	103.90	86107	102.77	85326

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1309	507.9	4394.7	607	124.94	88003	114.22	88064	105.93	87352	104.48	86068	103.61	88059	102.97	85007
1310	508.9	4394.7	608	112.36	88003	109.58	88064	104.41	86068	100.57	87352	100.14	88059	98.10	85326
1311	509.9	4394.7	609	109.61	88064	107.02	88003	104.04	86068	97.21	87352	95.84	85326	94.61	86107
1312	510.9	4394.7	610	109.92	88003	104.31	88064	103.17	86068	101.06	87352	97.07	85326	95.34	85007
1313	511.9	4394.7	611	107.71	88003	104.23	88064	101.59	87352	100.74	86068	93.41	85326	92.49	86346
1314	512.9	4394.7	612	104.11	88064	101.59	88003	98.34	86068	97.48	86107	94.19	87352	92.48	85326
1355	482.9	4395.7	613	135.77	85040	132.88	88047	113.84	88064	111.87	85270	102.16	88016	101.68	87314
1356	483.9	4395.7	614	129.87	85040	120.36	88047	111.55	88064	110.10	85270	96.46	88016	93.07	87352
1357	484.9	4395.7	615	126.68	85040	118.59	88047	110.26	85270	108.11	88064	95.41	88016	92.56	85070
1358	485.9	4395.7	616	123.93	85040	117.65	88047	112.61	88064	111.62	85270	96.99	88016	93.71	85070
1359	486.9	4395.7	617	128.08	85040	123.73	88047	118.16	88064	113.58	85270	99.47	88016	97.41	88291
1360	487.9	4395.7	618	130.52	88047	129.60	85040	124.01	88064	114.96	85270	103.74	88016	100.54	87314
1361	488.9	4395.7	619	126.46	88047	124.70	85040	123.93	88064	112.84	85270	101.35	88016	98.36	88291
1362	489.9	4395.7	620	127.99	88047	126.49	85040	122.37	88064	112.24	85270	101.53	88291	100.32	88016
1363	490.9	4395.7	621	128.49	88047	128.12	88064	126.58	85040	110.79	85270	103.82	88291	99.49	88016
1364	491.9	4395.7	622	127.35	85040	126.25	88047	125.77	88064	110.92	85270	104.81	88291	99.81	88059
1365	492.9	4395.7	623	130.51	85040	130.33	88047	127.17	88064	114.98	85270	108.87	88059	106.97	88291
1366	493.9	4395.7	624	131.91	88064	125.71	88047	123.45	85040	114.03	85270	103.24	88003	103.15	88291
1367	494.9	4395.7	625	133.41	88064	126.48	88047	122.13	85040	116.93	85270	105.02	88291	104.88	86107
1368	495.9	4395.7	626	134.59	88064	125.00	88047	120.70	85040	112.91	85270	109.76	88003	105.33	88291
1369	496.9	4395.7	627	131.84	88064	125.10	88047	122.15	85040	113.03	85270	109.76	86107	109.42	89024
1370	497.9	4395.7	628	131.84	88064	126.11	88047	121.87	85040	115.81	88003	114.41	88059	112.23	85270
1371	498.9	4395.7	629	134.43	88064	129.95	88047	124.95	88059	124.00	85040	122.52	85007	116.66	88003
1372	499.9	4395.7	630	138.06	88064	133.64	88047	130.32	88003	129.54	88059	123.55	85007	122.92	87356
1373	500.9	4395.7	631	142.13	88064	135.22	86107	134.52	88003	131.28	85007	130.93	87352	123.29	88047
1374	501.9	4395.7	632	138.17	88064	136.54	85007	136.35	88003	127.98	87352	122.03	87350	119.29	88047
1375	502.9	4395.7	633	143.27	88064	131.56	88003	126.24	85007	121.69	87352	112.89	85326	112.27	88047
1376	503.9	4395.7	634	137.19	88003	132.39	88064	126.09	85007	121.90	87352	109.54	88047	107.18	85326
1377	504.9	4395.7	635	137.85	88003	130.41	88064	128.23	87352	127.45	85007	119.22	87351	115.36	88047
1378	505.9	4395.7	636	134.10	88003	124.27	88064	118.53	87352	114.78	85007	108.51	87351	105.40	86068
1379	506.9	4395.7	637	119.50	88003	119.31	88064	106.15	86107	103.19	86068	102.82	87352	101.72	88059
1380	507.9	4395.7	638	122.63	88003	115.02	88064	110.02	86068	106.29	87352	104.44	86107	104.30	85007
1381	508.9	4395.7	639	117.10	88003	108.92	86068	108.66	88064	101.57	87352	99.33	88059	96.50	85326
1382	509.9	4395.7	640	107.30	88064	106.22	88003	103.98	86068	95.13	87352	94.93	88059	94.15	85326
1383	510.9	4395.7	641	108.06	88003	105.04	88064	100.76	86068	98.53	87352	96.32	88059	94.32	86107
1384	511.9	4395.7	642	107.32	88003	103.84	88064	102.22	87352	101.58	86068	95.16	85007	93.32	85326
1385	512.9	4395.7	643	103.73	88064	102.47	86068	101.28	88003	98.00	87352	97.71	86107	94.62	85007
1426	482.9	4396.7	644	134.85	88047	132.44	85040	108.41	85270	107.28	88064	101.60	87314	101.31	88016
1427	483.9	4396.7	645	132.91	88047	132.02	85040	111.38	88064	110.60	85270	106.02	87314	103.17	85328
1428	484.9	4396.7	646	130.62	85040	129.89	88047	111.92	88064	110.23	85270	100.48	85328	100.11	88016
1429	485.9	4396.7	647	129.76	85040	128.74	88047	113.46	88064	111.82	85270	100.66	88016	98.90	85328
1430	486.9	4396.7	648	132.25	88047	129.43	85040	115.29	88064	113.59	85270	104.75	88016	102.50	85328
1431	487.9	4396.7	649	139.03	88047	133.61	85040	123.35	88064	117.29	85270	113.60	85328	112.28	88016
1432	488.9	4396.7	650	137.30	88047	131.36	85040	126.52	88064	114.79	85270	113.02	85328	107.55	88016
1433	489.9	4396.7	651	134.92	88047	129.45	85040	124.22	88064	118.09	85270	113.82	85328	105.24	87314
1434	490.9	4396.7	652	134.23	88047	129.67	88064	128.81	85040	115.54	85270	106.71	85328	106.50	88003
1435	491.9	4396.7	653	132.31	88047	127.08	85040	125.88	88064	114.48	85270	101.72	88291	101.39	85328
1436	492.9	4396.7	654	138.25	88047	129.45	85040	129.32	88064	117.64	85270	109.78	87314	107.52	85328
1437	493.9	4396.7	655	135.54	88064	134.46	88047	126.44	85040	117.33	85270	110.55	88003	108.37	87350
1438	494.9	4396.7	656	137.34	88064	133.45	88047	128.07	85040	119.21	85270	111.29	87314	109.75	88003
1439	495.9	4396.7	657	139.39	88064	133.19	88047	126.49	85040	116.53	88003	115.26	87314	115.16	85270

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1440	496.9	4396.7	658	136.83	88047	135.07	88064	127.83	85040	115.89	88003	115.18	85270	113.60	87352
1441	497.9	4396.7	659	137.48	88064	133.06	88047	125.33	85040	124.24	88059	121.31	88003	117.48	85007
1442	498.9	4396.7	660	139.16	88064	132.93	88059	132.63	85007	131.01	88047	130.75	85040	128.32	88003
1443	499.9	4396.7	661	134.77	88064	131.80	88003	129.38	88047	127.68	88059	123.17	87352	121.64	85007
1444	500.9	4396.7	662	144.29	88064	134.66	86107	132.49	85007	132.15	88003	129.88	87352	126.99	88059
1445	501.9	4396.7	663	143.04	88003	138.98	88064	138.39	85007	130.97	87352	121.78	87350	120.96	88047
1446	502.9	4396.7	664	139.42	88064	131.71	88003	124.18	87352	122.85	85007	119.14	88047	112.82	87327
1447	503.9	4396.7	665	139.99	88003	131.65	88064	126.93	87352	126.24	85007	118.25	88047	117.42	87351
1448	504.9	4396.7	666	130.50	88003	127.37	88064	126.56	87352	125.43	85007	113.88	86107	113.35	87351
1449	505.9	4396.7	667	133.53	88003	123.83	88064	117.29	85007	114.33	87352	104.29	86068	101.96	86107
1450	506.9	4396.7	668	120.02	88003	117.07	88064	103.77	86068	103.76	86107	103.66	85007	103.40	87352
1451	507.9	4396.7	669	121.59	88003	113.98	88064	106.17	86068	105.91	87352	105.20	88059	103.70	86107
1452	508.9	4396.7	670	114.55	88003	108.74	88064	102.77	86068	98.65	88059	98.14	87352	97.94	86107
1453	509.9	4396.7	671	109.97	88003	106.73	88064	98.02	86068	96.94	86107	96.37	87352	93.76	85326
1454	510.9	4396.7	672	109.09	88003	105.16	88064	99.80	87352	98.90	88059	98.17	86068	97.76	85007
1455	511.9	4396.7	673	109.48	88003	104.50	88064	103.61	87352	100.97	86068	97.97	85007	95.15	85326
1456	512.9	4396.7	674	105.29	88003	103.44	88064	101.51	87352	99.46	86107	97.46	86068	96.34	85007
1497	482.9	4397.7	675	137.50	85040	126.24	88047	105.76	85270	104.33	88064	103.72	88016	102.61	85070
1498	483.9	4397.7	676	141.90	85040	130.71	88047	108.48	85270	107.86	88016	106.41	88064	106.05	85070
1499	484.9	4397.7	677	140.37	85040	132.14	88047	110.34	85270	108.96	87314	108.89	88064	108.81	88016
1500	485.9	4397.7	678	138.65	85040	130.35	88047	113.48	88064	109.87	85270	107.97	88016	104.47	85070
1501	486.9	4397.7	679	135.97	85040	129.26	88047	112.82	88064	110.41	85270	107.80	88016	104.35	85070
1502	487.9	4397.7	680	133.47	85040	129.83	88047	113.00	88064	111.46	85270	109.04	88059	108.64	88016
1503	488.9	4397.7	681	130.52	88047	129.62	85040	115.68	88064	111.58	85270	110.04	88059	109.20	88016
1504	489.9	4397.7	682	135.96	88047	132.97	85040	118.83	88064	114.74	88059	113.98	85270	107.53	88016
1505	490.9	4397.7	683	133.48	88047	127.27	85040	123.82	88064	112.70	85270	110.37	88059	104.49	89014
1506	491.9	4397.7	684	132.63	88047	123.93	85040	121.69	88064	113.51	85270	110.20	88059	102.93	89014
1507	492.9	4397.7	685	136.72	88047	127.27	85040	126.19	88064	119.45	88059	116.00	85270	106.53	87270
1508	493.9	4397.7	686	135.78	88047	130.96	88064	122.58	85040	114.25	88059	112.86	85270	106.43	87350
1509	494.9	4397.7	687	138.14	88047	130.78	88064	125.38	85040	116.32	88059	112.66	85270	107.71	88003
1510	495.9	4397.7	688	138.92	88047	131.18	88064	125.75	85040	114.98	88059	111.78	88003	110.33	85270
1511	496.9	4397.7	689	135.73	88047	134.15	88064	128.13	85040	122.15	88059	112.42	86107	111.77	88003
1512	497.9	4397.7	690	135.76	88064	135.49	88047	128.32	88059	125.61	85040	120.72	87314	118.91	86107
1513	498.9	4397.7	691	138.02	88064	132.76	88059	131.41	88047	130.52	88003	125.84	85040	120.88	87352
1514	499.9	4397.7	692	132.07	88047	131.81	88064	129.79	88059	124.99	88003	123.94	86107	122.10	85040
1515	500.9	4397.7	693	145.71	88064	140.08	86107	135.72	88047	134.74	88003	131.68	88059	129.52	87352
1516	501.9	4397.7	694	139.99	88003	138.68	85007	138.30	88064	134.80	87352	124.87	88047	119.52	87327
1517	502.9	4397.7	695	138.37	88003	136.46	88064	127.98	87352	124.26	85007	117.73	88047	114.67	85326
1518	503.9	4397.7	696	135.65	88003	128.88	88064	128.03	87352	122.36	85007	114.49	88047	113.59	87351
1519	504.9	4397.7	697	130.95	88003	129.03	87352	127.38	88064	126.52	85007	120.50	86107	113.36	88047
1520	505.9	4397.7	698	136.99	88003	125.39	88064	125.34	85007	119.79	87352	109.08	86107	108.24	86068
1521	506.9	4397.7	699	122.17	88003	116.37	88064	109.86	86107	104.61	86068	103.95	87352	101.92	88059
1522	507.9	4397.7	700	119.03	88003	112.38	88064	110.16	86107	104.69	86068	104.37	87352	102.73	88059
1523	508.9	4397.7	701	116.82	88003	109.93	88064	106.41	86107	101.96	86068	99.93	88059	98.35	87352
1524	509.9	4397.7	702	114.29	88003	108.23	88064	104.89	86107	100.67	86068	100.19	87352	98.09	88059
1525	510.9	4397.7	703	109.91	88003	104.31	88064	103.30	86107	102.30	88059	100.20	86068	99.53	87352
1526	511.9	4397.7	704	107.71	88003	104.58	88064	103.03	87352	101.04	86068	100.70	86107	93.84	86329
1527	512.9	4397.7	705	107.64	86107	104.25	88003	102.45	87352	100.39	88064	98.41	86068	93.47	85007
1568	482.9	4398.7	706	129.14	85040	128.66	88047	104.99	85070	102.58	85270	100.84	88064	99.65	88016
1569	483.9	4398.7	707	131.79	88047	129.76	85040	104.99	85070	104.35	85270	102.09	88064	100.64	88016
1570	484.9	4398.7	708	134.88	88047	128.69	85040	107.82	88016	107.35	85070	104.59	85270	104.34	88064

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1571	485.9	4398.7	709	132.16	88047	127.32	85040	112.11	88064	107.67	88016	107.50	85270	106.17	85328
1572	486.9	4398.7	710	129.39	88047	125.99	85040	109.40	88064	106.70	85270	103.85	85070	101.05	88016
1573	487.9	4398.7	711	132.15	88047	126.19	85040	106.74	88064	106.09	85270	102.37	85070	99.81	88059
1574	488.9	4398.7	712	133.64	88047	129.02	85040	111.20	88064	107.90	85270	106.58	88059	101.52	85070
1575	489.9	4398.7	713	133.72	88047	124.61	85040	114.56	88064	109.91	85270	109.40	88059	103.56	88016
1576	490.9	4398.7	714	129.80	88047	121.01	85040	118.24	88064	110.38	85270	106.58	88059	102.83	88016
1577	491.9	4398.7	715	129.73	88047	123.09	85040	117.02	88064	112.54	85270	105.89	88059	101.13	88016
1578	492.9	4398.7	716	134.79	88047	124.35	88064	122.91	85040	115.24	85270	111.27	88059	103.24	88016
1579	493.9	4398.7	717	137.68	88047	131.37	88064	121.90	85040	113.59	85270	110.04	88059	107.37	88003
1580	494.9	4398.7	718	139.65	88047	128.57	88064	121.94	85040	112.74	85270	111.69	88003	110.18	88059
1581	495.9	4398.7	719	134.02	88047	129.06	88064	122.93	85040	112.95	88003	112.01	85270	108.83	87352
1582	496.9	4398.7	720	134.21	88047	130.46	88064	125.53	85040	117.04	88059	112.96	85270	110.93	88003
1583	497.9	4398.7	721	136.30	88064	136.01	88047	129.67	85040	127.60	88059	119.50	87314	118.89	88003
1584	498.9	4398.7	722	136.53	88064	131.03	88059	130.85	88003	128.68	88047	126.12	85040	121.81	87352
1585	499.9	4398.7	723	135.61	88064	133.61	88059	129.88	88047	127.42	88003	123.90	85040	121.51	87314
1586	500.9	4398.7	724	148.65	88064	144.51	88003	137.15	88059	134.63	87352	132.69	88047	132.13	85007
1587	501.9	4398.7	725	147.01	88003	146.00	88064	141.02	85007	137.24	87352	132.09	87350	128.41	87314
1588	502.9	4398.7	726	147.66	88003	138.81	88064	137.61	87352	129.50	85007	122.48	87351	121.24	87350
1589	503.9	4398.7	727	143.95	88003	133.08	87352	129.87	85007	129.71	88064	119.50	88047	116.58	87351
1590	504.9	4398.7	728	137.40	88003	132.77	87352	126.41	88064	124.43	85007	119.32	87351	119.12	88059
1591	505.9	4398.7	729	133.62	88003	124.28	88064	119.48	85007	117.80	87352	107.43	86346	107.20	87350
1592	506.9	4398.7	730	121.97	88003	116.13	88064	104.57	87352	104.23	88059	103.09	86068	102.40	85007
1593	507.9	4398.7	731	123.33	88003	113.87	88064	107.12	88059	105.42	86068	105.09	87352	104.58	88340
1594	508.9	4398.7	732	119.27	88003	111.55	88064	103.42	88059	102.98	86068	102.01	87352	98.65	86107
1595	509.9	4398.7	733	118.22	88003	109.79	88064	102.34	87352	101.02	86068	100.18	86107	100.12	88059
1596	510.9	4398.7	734	111.11	88003	105.67	88064	103.47	88059	101.67	86068	99.80	87352	97.50	86107
1597	511.9	4398.7	735	109.21	88003	104.51	88064	103.29	87352	100.99	86068	97.98	86107	94.92	88059
1598	512.9	4398.7	736	105.71	88003	104.08	87352	101.90	86068	101.39	86107	99.94	88064	96.86	85007
1639	482.9	4399.7	737	127.23	85040	124.96	88047	103.98	85070	100.90	88016	100.37	85270	98.33	88064
1640	483.9	4399.7	738	128.82	85040	126.75	88047	107.21	88016	105.24	85070	99.84	85270	96.78	88059
1641	484.9	4399.7	739	128.80	88047	127.60	85040	105.68	85070	101.75	88016	98.98	85270	97.34	88064
1642	485.9	4399.7	740	137.67	88047	131.94	85040	107.87	85070	106.11	88059	106.07	88064	104.36	88016
1643	486.9	4399.7	741	132.54	88047	130.71	85040	111.72	88064	107.33	88059	106.21	85270	105.28	88016
1644	487.9	4399.7	742	128.22	85040	127.05	88047	107.82	88064	104.89	85270	104.33	88059	104.22	85070
1645	488.9	4399.7	743	128.56	85040	126.51	88047	109.54	88059	107.37	88064	106.29	85270	105.24	85070
1646	489.9	4399.7	744	127.56	85040	126.53	88047	112.87	88059	109.23	85270	109.15	88064	105.05	85070
1647	490.9	4399.7	745	125.88	88047	124.55	85040	115.76	88064	108.36	85270	108.05	88059	104.36	85070
1648	491.9	4399.7	746	128.84	88047	122.37	85040	114.11	88064	109.78	85270	108.62	88059	104.53	88016
1649	492.9	4399.7	747	132.26	88047	127.11	85040	119.32	88064	116.38	88059	112.62	85270	109.28	88016
1650	493.9	4399.7	748	130.84	88047	130.49	85040	128.04	88064	121.65	88059	116.12	85270	109.98	88003
1651	494.9	4399.7	749	127.79	88047	127.05	88064	123.58	85040	114.70	88059	112.45	85270	109.16	88016
1652	495.9	4399.7	750	126.54	88047	126.22	88064	123.18	85040	113.28	88059	111.30	88003	110.88	85270
1653	496.9	4399.7	751	128.20	88064	127.50	88047	124.50	85040	122.54	88059	113.74	85270	110.83	87270
1654	497.9	4399.7	752	133.00	88064	132.86	88047	126.75	85040	126.17	88059	119.26	87314	115.99	88003
1655	498.9	4399.7	753	134.87	88064	130.93	88059	127.16	88047	125.83	85040	121.12	88003	120.75	87352
1656	499.9	4399.7	754	139.11	88059	136.02	88064	130.40	88003	126.59	88047	125.50	85040	122.59	87352
1657	500.9	4399.7	755	144.36	88003	143.49	88059	143.39	88064	135.63	87352	130.36	86107	128.52	85007
1658	501.9	4399.7	756	143.27	88064	140.14	88003	133.46	87352	129.10	88059	126.01	87351	125.65	87327
1659	502.9	4399.7	757	138.48	88003	132.37	87352	131.80	88064	125.96	87351	122.00	88059	121.38	88047
1660	503.9	4399.7	758	134.99	88003	126.96	87352	125.64	88064	119.29	87351	115.64	85007	114.00	88047
1661	504.9	4399.7	759	130.49	88003	120.01	87352	118.45	88064	115.17	88059	109.01	88047	108.12	87351

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1662	505.9	4399.7	760	125.06	88003	118.95	88064	112.63	87352	107.62	85007	103.74	88059	103.23	88047
1663	506.9	4399.7	761	120.94	88003	112.98	88064	107.63	88059	101.27	88047	100.74	87352	100.05	86068
1664	507.9	4399.7	762	120.10	88003	113.24	88064	109.88	88059	103.94	86107	102.09	87352	99.57	88047
1665	508.9	4399.7	763	118.83	88003	111.32	88064	106.45	88059	101.49	87352	99.88	86107	98.55	86068
1666	509.9	4399.7	764	115.89	88003	108.09	88064	102.54	88059	101.24	86107	99.58	87352	95.87	86068
1667	510.9	4399.7	765	110.16	88003	104.74	88059	104.71	88064	101.93	86107	97.38	86068	96.43	87352
1668	511.9	4399.7	766	108.14	88003	105.73	88064	100.20	86107	99.42	87352	98.90	88059	96.32	86068
1669	512.9	4399.7	767	109.27	88003	103.92	86107	101.91	87352	99.46	88064	98.00	86068	96.35	88059
1710	482.9	4400.7	768	128.79	88047	124.39	85040	107.06	85070	99.49	85270	97.81	88064	97.73	88016
1711	483.9	4400.7	769	126.43	88047	123.81	85040	105.31	85070	99.07	85270	95.22	88016	94.94	88064
1712	484.9	4400.7	770	125.78	85040	123.04	88047	104.49	85070	100.13	85270	96.52	88016	96.52	88059
1713	485.9	4400.7	771	129.67	85040	125.35	88047	107.24	85070	100.79	88064	100.26	85270	99.79	88059
1714	486.9	4400.7	772	135.36	85040	134.55	88047	114.93	88059	110.99	85070	108.68	88064	106.15	85270
1715	487.9	4400.7	773	126.71	85040	125.80	88047	110.50	88064	106.49	85070	106.04	88059	105.55	85270
1716	488.9	4400.7	774	125.97	88047	123.90	85040	108.53	88064	107.22	85070	106.62	85270	106.23	88059
1717	489.9	4400.7	775	128.52	88047	124.91	85040	111.51	88059	108.16	88064	106.71	85270	106.55	85070
1718	490.9	4400.7	776	128.23	88047	121.93	85040	110.61	88064	107.99	88059	104.90	85270	103.73	85070
1719	491.9	4400.7	777	125.98	88047	120.39	85040	110.40	88064	108.23	88059	104.99	85270	102.39	85070
1720	492.9	4400.7	778	128.48	88047	121.36	85040	116.20	88064	113.72	88059	108.02	85270	106.32	88016
1721	493.9	4400.7	779	125.44	88047	121.23	88064	120.68	85040	113.06	88059	108.79	88016	106.21	85270
1722	494.9	4400.7	780	125.22	88047	124.01	85040	120.07	88064	113.58	88059	109.41	88016	109.40	85270
1723	495.9	4400.7	781	122.96	88047	122.32	88064	119.47	85040	111.90	85270	111.14	88059	106.74	88016
1724	496.9	4400.7	782	124.42	88047	124.07	88064	121.23	88059	119.01	85040	113.67	85270	108.96	88016
1725	497.9	4400.7	783	128.75	88064	128.69	88059	127.99	88047	121.34	85040	116.43	88003	114.29	87270
1726	498.9	4400.7	784	136.74	88059	134.68	88064	127.30	88047	123.91	87314	119.67	85040	118.67	87333
1727	499.9	4400.7	785	141.37	88059	133.77	88064	128.77	88003	128.75	88047	125.96	87352	122.93	87001
1728	500.9	4400.7	786	140.87	88059	137.52	88003	136.30	88064	129.00	87352	125.86	88047	123.23	86107
1729	501.9	4400.7	787	138.84	88064	131.10	88003	124.38	87352	118.91	88059	118.32	88047	114.74	85007
1730	502.9	4400.7	788	133.68	88003	128.08	87352	126.49	88064	118.13	88047	115.25	88059	109.39	87351
1731	503.9	4400.7	789	130.86	88003	125.24	87352	124.20	88064	120.01	85007	111.18	87351	110.82	88047
1732	504.9	4400.7	790	126.40	88003	115.30	88064	114.29	87352	111.61	88059	108.69	88047	105.91	85007
1733	505.9	4400.7	791	125.74	88003	119.43	88064	111.98	87352	106.13	85007	104.51	88047	103.55	86068
1734	506.9	4400.7	792	118.23	88003	111.83	88064	104.98	88059	103.75	88047	100.97	87352	98.97	88340
1735	507.9	4400.7	793	118.30	88003	111.72	88064	106.78	88059	101.72	88047	101.58	87352	98.12	86068
1736	508.9	4400.7	794	116.28	88003	112.82	88064	104.96	88059	101.09	87352	100.41	88047	97.11	86068
1737	509.9	4400.7	795	117.36	88003	106.35	88064	99.25	86068	98.55	87352	98.32	88059	97.58	88047
1738	510.9	4400.7	796	105.90	88003	103.50	88064	101.03	88059	97.70	86068	96.02	86107	94.31	88047
1739	511.9	4400.7	797	109.34	88003	105.40	88064	100.23	86068	96.96	87352	96.55	88059	93.43	88047
1740	512.9	4400.7	798	109.97	88003	100.75	86068	99.90	88064	99.52	87352	97.62	88059	96.93	86107
1781	482.9	4401.7	799	123.75	85040	120.51	88047	104.90	85070	101.04	85270	95.90	88059	95.51	88016
1782	483.9	4401.7	800	121.80	85040	120.67	88047	106.37	85070	100.44	85270	97.17	88059	93.46	88016
1783	484.9	4401.7	801	123.76	88047	122.63	85040	107.67	85070	102.36	85270	99.15	88059	95.69	88064
1784	485.9	4401.7	802	124.09	88047	120.76	85040	107.82	85070	101.69	88064	101.67	85270	99.96	88059
1785	486.9	4401.7	803	131.45	88047	124.31	85040	112.89	88059	112.42	85070	106.14	88064	105.10	85270
1786	487.9	4401.7	804	130.95	88047	121.00	85040	109.29	88059	108.73	85070	107.78	88064	103.89	85270
1787	488.9	4401.7	805	131.88	88047	118.40	85040	109.37	88064	107.81	88059	104.84	85070	101.47	85270
1788	489.9	4401.7	806	132.19	88047	119.00	85040	111.59	88059	108.24	88064	103.75	85070	102.19	85270
1789	490.9	4401.7	807	127.22	88047	117.51	85040	109.33	88064	106.29	88059	101.53	85270	100.82	88016
1790	491.9	4401.7	808	126.29	88047	119.15	85040	108.87	88064	106.16	88059	103.69	85270	101.38	88016
1791	492.9	4401.7	809	127.91	88047	122.11	85040	114.66	88064	113.71	88059	105.84	85270	104.04	88016
1792	493.9	4401.7	810	126.68	88047	119.77	85040	119.73	88064	112.15	88059	105.29	88016	104.33	85270

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1793	494.9	4401.7	811	125.42	88047	118.90	88064	118.51	85040	115.09	88059	112.15	88016	107.74	85270
1794	495.9	4401.7	812	123.35	88047	120.83	88064	116.83	85040	115.00	88016	113.93	88059	106.47	85270
1795	496.9	4401.7	813	123.52	88059	122.64	88047	120.53	85040	119.23	88064	110.59	88016	109.22	85270
1796	497.9	4401.7	814	124.09	88059	121.67	88047	121.39	88064	117.61	85040	112.61	88003	110.70	87352
1797	498.9	4401.7	815	135.73	88059	126.29	88047	124.15	88064	118.15	87333	117.76	85040	112.69	87270
1798	499.9	4401.7	816	137.39	88059	131.54	88064	126.58	88047	125.47	87314	118.20	87352	117.31	85040
1799	500.9	4401.7	817	133.99	88059	133.97	88003	130.94	88064	130.38	87352	120.75	88047	119.80	85007
1800	501.9	4401.7	818	143.03	88064	131.91	88003	125.58	87352	125.47	88047	121.66	88059	116.12	85040
1801	502.9	4401.7	819	138.68	88003	133.83	87352	128.04	88047	127.96	88064	119.77	85007	117.94	88059
1802	503.9	4401.7	820	130.64	88003	128.12	87352	124.26	88064	121.72	85007	116.54	87351	115.14	88047
1803	504.9	4401.7	821	123.25	88003	113.39	88059	112.48	88064	111.90	87352	110.49	88047	102.98	85007
1804	505.9	4401.7	822	125.19	88003	116.55	88064	109.18	87352	107.58	88047	104.80	88340	104.05	88059
1805	506.9	4401.7	823	116.44	88003	112.19	88064	107.53	88059	106.95	88047	101.30	87352	98.27	85040
1806	507.9	4401.7	824	114.79	88003	110.21	88064	109.70	88059	108.92	88047	102.40	87352	99.25	87270
1807	508.9	4401.7	825	120.58	88003	116.54	88064	113.43	88059	111.98	88047	108.28	89024	104.63	87352
1808	509.9	4401.7	826	119.92	88003	113.40	86068	109.06	88064	108.18	88047	106.34	85007	105.33	87352
1809	510.9	4401.7	827	106.92	88003	103.89	88064	103.48	88059	101.26	86068	98.22	88047	94.21	87352
1810	511.9	4401.7	828	109.66	88064	109.17	88003	101.26	88059	100.28	86068	99.70	87352	99.04	88047
1811	512.9	4401.7	829	116.27	88003	106.40	87352	104.30	86068	102.12	88064	100.97	85007	98.71	88059
1852	482.9	4402.7	830	130.06	88047	121.66	85040	107.78	85070	97.84	88059	96.81	88016	95.96	85270
1853	483.9	4402.7	831	129.61	88047	119.70	85040	106.86	85070	98.95	88059	98.64	88016	97.09	85270
1854	484.9	4402.7	832	135.46	88047	124.93	85040	111.29	85070	106.27	88016	104.68	88059	103.29	85270
1855	485.9	4402.7	833	139.06	88047	122.42	85040	110.45	85070	105.01	88016	101.29	88059	100.43	85270
1856	486.9	4402.7	834	138.97	88047	125.08	85040	110.48	88059	108.45	85070	103.55	88016	103.12	85270
1857	487.9	4402.7	835	137.89	88047	127.80	85040	112.92	88059	108.01	88064	107.29	87314	106.80	85270
1858	488.9	4402.7	836	132.77	88047	126.76	85040	113.11	88064	111.59	88059	106.57	85270	105.29	85070
1859	489.9	4402.7	837	133.31	88047	126.08	85040	113.69	88064	112.26	88059	106.07	85270	105.04	85070
1860	490.9	4402.7	838	131.00	88047	120.32	85040	112.50	88064	109.00	88059	104.41	88016	104.03	85270
1861	491.9	4402.7	839	129.63	88047	119.82	85040	109.87	88059	109.16	88064	103.50	88016	103.44	85270
1862	492.9	4402.7	840	129.11	88047	121.07	85040	117.13	88059	112.25	88064	106.32	88016	104.30	85070
1863	493.9	4402.7	841	125.81	88047	118.53	88064	117.62	85040	115.67	88059	107.11	88016	104.71	85270
1864	494.9	4402.7	842	125.09	88047	118.35	88064	117.74	88059	114.69	85040	107.55	88016	104.97	85270
1865	495.9	4402.7	843	122.38	88047	120.77	88064	114.40	88059	111.18	85040	107.79	88003	105.18	88016
1866	496.9	4402.7	844	126.24	88047	122.52	88059	116.09	88064	112.38	85040	107.41	88016	107.21	87314
1867	497.9	4402.7	845	123.89	88047	119.42	88059	115.66	88064	113.94	85040	109.71	88003	107.34	87352
1868	498.9	4402.7	846	125.46	88059	120.69	88047	115.71	88064	113.47	85040	108.18	88003	106.32	87270
1869	499.9	4402.7	847	139.76	88059	128.48	88047	125.45	88064	120.63	87314	119.66	87270	118.73	85040
1870	500.9	4402.7	848	133.75	87352	133.58	88059	131.83	88064	131.22	88003	125.50	88047	123.50	87314
1871	501.9	4402.7	849	150.23	88003	144.94	88064	140.30	87352	137.79	88059	136.52	88047	130.45	85007
1872	502.9	4402.7	850	142.83	88003	137.55	87352	135.01	88064	132.87	88047	128.40	87314	125.61	88059
1873	503.9	4402.7	851	144.57	88003	141.63	85007	141.12	87352	132.15	88047	130.58	88064	124.18	87351
1874	504.9	4402.7	852	132.43	88003	124.20	88047	124.12	85007	122.38	87352	115.41	88064	114.12	88340
1875	505.9	4402.7	853	132.56	88003	117.46	88064	116.58	88047	113.45	87352	112.71	85007	104.82	88059
1876	506.9	4402.7	854	119.82	88003	114.08	88047	111.81	88064	110.75	88059	107.37	87352	102.07	85040
1877	507.9	4402.7	855	121.08	88003	114.86	88059	113.88	88047	112.07	88064	110.61	87352	107.50	85328
1878	508.9	4402.7	856	133.18	88003	132.14	88059	124.69	88340	121.23	87350	119.59	87270	118.88	88064
1879	509.9	4402.7	857	120.86	88003	117.17	88064	116.43	87314	115.63	86333	114.53	85328	111.95	87352
1880	510.9	4402.7	858	116.39	88003	109.56	88064	108.05	88059	105.98	86068	103.73	87352	103.14	85320
1881	511.9	4402.7	859	119.42	88003	113.39	88059	111.39	88064	109.65	87351	107.11	87352	105.36	88340
1882	512.9	4402.7	860	114.04	88003	106.29	87352	104.94	88064	102.85	87351	101.35	88059	100.01	86068
1923	482.9	4403.7	861	121.70	88047	115.99	85040	108.78	85070	99.68	88016	96.97	88059	95.66	85270

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1924	483.9	4403.7	862	126.07	88047	116.12	85040	111.59	85070	102.99	85360	98.82	88016	97.85	88059
1925	484.9	4403.7	863	134.62	88047	130.49	85040	118.94	88059	113.84	85070	113.44	85360	108.32	87270
1926	485.9	4403.7	864	131.32	88047	118.99	85040	107.30	85070	107.04	88016	106.97	88059	104.71	89014
1927	486.9	4403.7	865	129.48	88047	122.07	85040	110.67	88059	108.56	85070	102.06	88016	100.98	85360
1928	487.9	4403.7	866	135.49	88047	127.29	85040	122.60	88059	111.28	85070	109.32	89014	108.24	85360
1929	488.9	4403.7	867	134.17	88047	126.10	85040	120.41	88059	110.33	88016	108.23	85070	107.62	89014
1930	489.9	4403.7	868	134.09	88047	127.37	85040	120.84	88059	113.25	88016	109.15	88064	108.37	85070
1931	490.9	4403.7	869	134.28	88047	127.37	85040	119.32	88059	113.72	88064	112.77	88016	107.88	85070
1932	491.9	4403.7	870	129.21	88047	125.37	85040	117.89	88059	114.05	88016	110.96	88064	106.12	85328
1933	492.9	4403.7	871	130.05	88047	124.57	85040	122.57	88059	117.73	88016	115.39	88064	115.31	85328
1934	493.9	4403.7	872	127.47	88047	125.43	85040	119.16	88064	118.06	88059	115.06	88016	113.09	87352
1935	494.9	4403.7	873	125.30	85040	123.35	88047	118.15	88059	115.11	88064	111.69	88016	108.57	85328
1936	495.9	4403.7	874	121.70	85040	119.04	88047	117.78	88064	114.61	88059	108.59	88003	106.44	88016
1937	496.9	4403.7	875	122.61	88059	120.67	85040	117.18	88047	116.47	88064	109.39	87352	109.10	88003
1938	497.9	4403.7	876	119.74	88064	119.35	88059	118.77	85040	116.03	88047	113.33	88003	112.90	87352
1939	498.9	4403.7	877	126.52	88059	119.59	88047	116.82	87314	116.41	88064	115.04	85040	111.83	88003
1940	499.9	4403.7	878	141.86	88059	129.34	88047	123.46	88064	123.13	85040	122.08	87314	120.13	87352
1941	500.9	4403.7	879	146.77	88059	138.34	87351	138.11	87352	136.34	88047	129.98	88003	129.18	85007
1942	501.9	4403.7	880	136.86	88003	135.08	88059	134.09	88064	131.23	87352	127.92	88047	125.99	87351
1943	502.9	4403.7	881	143.86	88059	132.39	88003	130.45	88047	129.62	86351	129.17	86339	127.75	87352
1944	503.9	4403.7	882	142.03	88003	137.33	86351	136.16	88059	134.75	87352	134.65	87351	132.07	86354
1945	504.9	4403.7	883	129.31	88059	126.94	88003	125.20	86351	121.40	87351	120.88	88047	120.34	87352
1946	505.9	4403.7	884	127.49	88003	117.15	88047	116.17	88059	113.74	87352	111.72	88064	111.11	87351
1947	506.9	4403.7	885	123.01	88059	114.07	88047	112.59	88003	110.51	86351	109.26	87270	107.83	88064
1948	507.9	4403.7	886	127.04	88059	115.84	88047	115.83	88003	113.31	86351	113.00	86354	112.62	87270
1949	508.9	4403.7	887	121.41	88059	116.79	88003	113.59	88047	111.35	87351	110.14	87270	109.90	86351
1950	509.9	4403.7	888	116.98	88047	115.89	88059	109.75	87351	109.38	86351	107.34	86354	105.87	87333
1951	510.9	4403.7	889	114.78	88059	109.32	88047	109.08	88003	108.37	87351	105.67	86351	104.51	88064
1952	511.9	4403.7	890	105.07	88059	104.11	88064	102.39	88003	99.92	87337	99.89	88047	99.86	87351
1953	512.9	4403.7	891	104.49	88003	102.57	86107	101.13	88059	99.71	88064	97.69	87352	94.21	87339
1994	482.9	4404.7	892	123.63	88047	120.60	85040	107.80	85070	104.84	88016	98.57	85360	96.18	89014
1995	483.9	4404.7	893	127.22	88047	119.09	85040	106.85	85070	105.69	85360	98.87	88016	98.12	88059
1996	484.9	4404.7	894	129.66	88047	119.74	85040	109.42	85070	104.40	88059	98.39	88016	98.06	85360
1997	485.9	4404.7	895	126.79	88047	118.38	85040	108.30	85070	103.60	88059	99.54	88016	97.45	85360
1998	486.9	4404.7	896	125.93	88047	119.75	85040	107.80	85070	103.45	88059	99.66	88016	99.58	85360
1999	487.9	4404.7	897	129.03	88047	122.67	85040	113.53	88059	109.50	85070	104.27	88016	102.24	85360
2000	488.9	4404.7	898	127.71	88047	121.12	85040	113.83	88059	109.25	85070	105.79	88016	101.30	89014
2001	489.9	4404.7	899	132.88	88047	125.56	85040	122.49	88059	111.49	85070	111.33	88016	109.69	85360
2002	490.9	4404.7	900	129.32	88047	121.66	85040	120.61	88059	116.06	88016	109.65	85070	108.31	89014
2003	491.9	4404.7	901	126.81	88047	123.51	85040	121.58	88059	114.91	88016	111.70	85070	111.19	85360
2004	492.9	4404.7	902	131.39	88047	131.34	88059	125.92	85040	116.85	87270	114.27	85360	113.11	88016
2005	493.9	4404.7	903	128.06	88047	127.20	88059	120.36	85040	114.16	88064	111.24	87270	110.25	88016
2006	494.9	4404.7	904	126.52	88059	123.75	88047	119.19	85040	114.38	88064	111.46	87270	109.46	88016
2007	495.9	4404.7	905	123.44	88059	121.05	88047	118.55	85040	114.23	88064	110.65	88003	109.22	87352
2008	496.9	4404.7	906	132.46	88059	121.94	88047	118.13	85040	115.26	87270	113.51	87314	111.32	88064
2009	497.9	4404.7	907	131.34	88059	121.30	88047	115.94	85040	114.94	88003	114.91	87352	114.79	87270
2010	498.9	4404.7	908	133.39	88059	120.58	88047	112.43	87270	110.50	88064	110.15	87333	110.04	85040
2011	499.9	4404.7	909	156.65	88059	138.60	86339	134.61	87270	127.99	88047	124.93	87337	124.48	87333
2012	500.9	4404.7	910	148.35	88059	146.83	87314	134.75	87333	132.98	87352	132.54	88047	128.80	87351
2013	501.9	4404.7	911	137.16	88003	132.29	87352	130.92	88064	126.12	88047	121.47	88059	117.62	87351
2014	502.9	4404.7	912	130.75	88059	124.07	88003	120.88	88047	117.38	87352	116.16	88064	113.95	87270

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2015	503.9	4404.7	913	123.21	88003	118.71	88059	117.68	87352	116.22	88064	112.77	88047	108.69	87351
2016	504.9	4404.7	914	128.99	88059	122.72	88003	116.90	87352	114.61	87270	112.56	88064	112.02	88047
2017	505.9	4404.7	915	125.51	88003	114.80	87352	112.33	88064	110.66	88059	108.87	88047	104.27	87350
2018	506.9	4404.7	916	120.40	88059	118.04	88047	112.85	88003	105.64	87351	104.77	87352	104.40	87270
2019	507.9	4404.7	917	121.37	88059	120.70	88047	111.76	87351	106.27	88003	106.04	87270	104.41	87339
2020	508.9	4404.7	918	110.20	88059	108.44	88047	103.67	88003	102.95	87339	100.29	87270	99.34	88064
2021	509.9	4404.7	919	102.15	88059	101.50	88047	99.67	88003	96.59	88064	93.88	87339	92.31	87270
2022	510.9	4404.7	920	102.51	88059	99.14	88064	98.48	88003	93.97	88047	92.61	87339	91.47	85340
2023	511.9	4404.7	921	102.75	88064	102.17	88003	97.67	88059	91.80	88047	91.22	87360	89.19	86107
2024	512.9	4404.7	922	103.07	88003	100.83	88059	100.81	88064	95.12	87352	94.93	86107	92.06	87360
2065	482.9	4405.7	923	125.34	88047	108.34	85070	105.17	85040	101.48	85360	96.94	88059	96.54	89014
2066	483.9	4405.7	924	126.74	88047	108.66	85070	105.16	85040	100.18	85360	98.93	88059	94.01	88016
2067	484.9	4405.7	925	128.62	88047	107.99	85070	107.31	85040	102.66	88059	97.64	85360	94.57	88016
2068	485.9	4405.7	926	125.28	88047	107.49	85070	106.09	85040	103.69	88059	98.24	85360	96.05	88016
2069	486.9	4405.7	927	127.02	88047	106.97	85040	106.38	85070	104.85	88059	98.97	88016	98.83	85360
2070	487.9	4405.7	928	131.88	88047	113.28	88059	109.83	85040	106.66	85070	104.53	88016	101.43	85360
2071	488.9	4405.7	929	127.64	88047	111.15	88059	109.67	88016	107.42	85040	104.50	85070	102.62	85360
2072	489.9	4405.7	930	128.18	88047	115.39	88059	114.09	88016	108.48	85040	107.55	85070	106.62	85360
2073	490.9	4405.7	931	127.30	88047	115.29	88059	108.76	88016	107.63	85360	106.66	85040	105.14	85070
2074	491.9	4405.7	932	127.30	88047	114.35	88059	107.59	85040	106.48	87270	105.12	85360	104.72	88016
2075	492.9	4405.7	933	128.70	88047	123.12	88059	113.00	85040	112.30	87270	106.89	88016	105.76	85360
2076	493.9	4405.7	934	127.39	88047	123.14	88059	115.78	85040	111.23	87270	107.96	88003	107.36	88064
2077	494.9	4405.7	935	127.35	88047	126.65	88059	114.41	85040	114.32	87270	109.21	89014	108.17	85360
2078	495.9	4405.7	936	128.98	88047	121.95	88059	110.26	85040	109.29	88064	106.81	87270	106.41	87337
2079	496.9	4405.7	937	133.87	88047	128.73	88059	113.04	87270	111.72	85040	108.20	86339	106.28	88064
2080	497.9	4405.7	938	135.57	88047	130.05	88059	115.34	85040	113.41	88064	110.87	87314	110.64	87352
2081	498.9	4405.7	939	136.25	88047	127.73	88059	117.34	88003	116.36	87352	111.78	85007	110.50	85040
2082	499.9	4405.7	940	130.91	88059	125.90	88047	114.30	87352	113.17	88003	109.65	87270	108.65	87351
2083	500.9	4405.7	941	156.98	88059	138.69	88047	130.46	87270	127.86	87314	127.24	87352	125.47	86339
2084	501.9	4405.7	942	144.06	88003	135.88	87352	131.44	88064	125.64	88059	123.40	88047	121.69	87351
2085	502.9	4405.7	943	129.91	88059	123.66	88047	121.72	88003	118.32	88064	118.08	87352	116.93	89024
2086	503.9	4405.7	944	131.75	88003	124.87	88047	124.16	87352	120.83	85007	114.04	88059	113.21	88064
2087	504.9	4405.7	945	130.85	88059	118.48	88047	112.99	88003	110.58	87270	110.18	87352	110.17	88064
2088	505.9	4405.7	946	131.88	88003	118.91	87352	116.37	88059	115.18	88047	113.03	87351	110.22	88064
2089	506.9	4405.7	947	116.16	88059	108.03	88003	102.04	88047	101.57	87339	100.63	85340	99.77	87270
2090	507.9	4405.7	948	115.02	88059	101.92	87270	99.39	88047	98.85	87339	98.14	88003	96.70	85340
2091	508.9	4405.7	949	106.04	88059	99.30	87270	99.12	87339	98.32	88003	96.79	88047	94.25	88064
2092	509.9	4405.7	950	101.93	88059	98.35	88047	94.27	88064	93.00	88003	92.62	87270	91.50	87339
2093	510.9	4405.7	951	101.68	88059	96.29	88003	94.66	88047	94.42	88064	92.07	87270	91.27	87339
2094	511.9	4405.7	952	99.99	88064	96.81	88059	92.07	88003	91.44	88047	89.43	87339	89.09	85340
2095	512.9	4405.7	953	102.82	88059	101.90	88064	100.12	88003	91.69	85340	91.34	87352	91.33	87360
2136	482.9	4406.7	954	122.04	88047	106.07	85360	104.68	85070	100.49	85040	96.89	88059	96.57	89014
2137	483.9	4406.7	955	125.35	88047	105.12	85070	102.29	85040	98.19	88059	97.46	88340	97.33	88016
2138	484.9	4406.7	956	124.72	88047	105.49	88059	104.59	85070	104.52	85040	98.86	85360	97.05	88016
2139	485.9	4406.7	957	126.50	88047	106.14	88059	105.39	85040	103.55	85070	101.46	88016	98.53	85360
2140	486.9	4406.7	958	127.68	88047	106.90	85040	106.77	88059	105.94	88016	104.23	85070	100.50	85360
2141	487.9	4406.7	959	128.09	88047	113.28	88016	112.74	88059	107.64	85040	106.87	85360	106.32	85070
2142	488.9	4406.7	960	126.21	88047	112.33	88059	112.05	88016	107.84	85040	106.44	85360	106.37	85070
2143	489.9	4406.7	961	128.38	88047	116.61	88059	110.09	85040	108.33	85360	105.06	87270	104.47	88016
2144	490.9	4406.7	962	127.52	88047	115.93	88059	109.38	85040	103.55	85360	103.47	87270	102.43	89014
2145	491.9	4406.7	963	124.98	88047	114.73	88059	109.83	85040	105.08	85360	104.90	87270	102.90	85070

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2146	492.9	4406.7	964	129.38	88047	124.92	88059	111.13	87270	110.16	85040	107.64	85360	106.81	89014
2147	493.9	4406.7	965	130.53	88047	117.22	88059	106.15	88064	105.95	88003	105.37	85040	103.82	89014
2148	494.9	4406.7	966	133.26	88047	122.54	88059	107.50	85040	106.65	87270	104.02	89014	103.13	85360
2149	495.9	4406.7	967	132.54	88047	119.80	88059	107.56	85040	103.59	87270	103.18	87352	102.62	88003
2150	496.9	4406.7	968	128.00	88047	123.23	88059	108.36	87270	106.92	85040	102.73	89014	101.83	87352
2151	497.9	4406.7	969	147.16	88059	131.26	88047	129.52	86339	126.01	87270	118.77	85040	117.76	87337
2152	498.9	4406.7	970	143.67	88059	130.33	88047	125.61	87314	124.26	87333	122.34	87270	120.32	86351
2153	499.9	4406.7	971	134.62	88059	128.56	88047	117.76	87352	112.83	87270	111.33	88003	110.72	87314
2154	500.9	4406.7	972	155.07	88059	137.37	88047	130.42	87314	130.09	87270	127.38	87352	124.07	86339
2155	501.9	4406.7	973	139.85	88003	137.43	87352	132.68	88059	126.75	87337	123.57	88064	121.14	87350
2156	502.9	4406.7	974	160.89	88059	153.47	86339	143.73	88003	138.40	87270	135.52	87359	135.44	87337
2157	503.9	4406.7	975	137.21	86355	127.03	87352	126.46	87333	126.17	86351	123.02	88003	122.56	88059
2158	504.9	4406.7	976	149.39	88059	127.63	88003	125.60	87314	124.78	87270	123.81	87001	123.20	89024
2159	505.9	4406.7	977	135.93	88003	128.58	87352	127.64	85007	123.75	87351	118.00	88047	115.09	86068
2160	506.9	4406.7	978	111.61	88059	107.59	88003	98.92	88047	97.41	87339	97.02	85340	96.53	87270
2161	507.9	4406.7	979	110.76	88059	102.90	88003	99.60	87270	98.96	88047	94.87	87339	94.51	85340
2162	508.9	4406.7	980	101.08	88059	97.28	88003	97.11	87270	95.32	88047	94.12	87339	90.24	86329
2163	509.9	4406.7	981	100.76	88059	96.91	88047	94.14	88003	93.09	87270	92.65	87339	90.11	88064
2164	510.9	4406.7	982	97.18	88059	93.31	88064	92.78	88047	92.54	88003	92.08	87339	90.41	87270
2165	511.9	4406.7	983	94.42	88003	93.96	88064	92.70	88047	92.70	88059	86.91	87339	84.66	87270
2166	512.9	4406.7	984	109.64	89024	108.81	88059	104.53	88064	101.30	88047	97.87	88003	95.84	85314
2207	482.9	4407.7	985	118.68	88047	105.10	85070	102.60	85360	98.94	85040	98.39	88059	95.08	89014
2208	483.9	4407.7	986	122.72	88047	103.89	85070	100.00	88059	98.84	85040	98.32	85360	93.81	87270
2209	484.9	4407.7	987	126.05	88047	106.75	88059	104.52	85070	100.20	85040	99.75	85360	95.70	88016
2210	485.9	4407.7	988	128.11	88047	108.12	88059	106.91	85070	103.42	85360	103.28	88016	101.97	85040
2211	486.9	4407.7	989	125.33	88047	111.23	88016	109.52	85070	107.92	88059	106.96	85360	102.02	89014
2212	487.9	4407.7	990	126.12	88047	112.57	88059	108.14	85070	106.01	85360	104.48	88016	102.98	85040
2213	488.9	4407.7	991	126.08	88047	113.96	88059	104.47	85360	104.34	85070	101.82	85040	99.12	87270
2214	489.9	4407.7	992	125.08	88047	115.93	88059	104.03	85070	102.77	87270	102.22	85360	100.29	85040
2215	490.9	4407.7	993	130.20	88047	115.88	88059	103.08	85360	102.66	85070	101.76	87270	101.25	85040
2216	491.9	4407.7	994	133.40	88047	115.31	88059	104.04	85360	102.79	87270	102.46	85040	101.20	85070
2217	492.9	4407.7	995	139.18	88047	122.15	88059	108.71	87270	105.49	85040	105.35	85360	101.43	85070
2218	493.9	4407.7	996	134.58	88047	118.87	88059	106.86	88064	102.45	87270	101.86	85040	100.89	85360
2219	494.9	4407.7	997	129.61	88047	123.84	88059	107.00	87270	101.88	88064	101.52	85040	101.42	88003
2220	495.9	4407.7	998	126.02	88047	119.19	88059	102.91	87352	102.67	87270	102.40	88003	101.21	88064
2221	496.9	4407.7	999	125.65	88047	124.79	88059	109.02	87270	104.78	85360	103.95	87352	102.97	85040
2222	497.9	4407.7	1000	127.36	88059	121.25	88047	109.73	87270	109.24	87352	104.50	87337	102.96	88003
2223	498.9	4407.7	1001	141.46	88059	122.41	88047	118.79	87270	114.84	86339	114.68	87352	113.13	86354
2224	499.9	4407.7	1002	139.16	88059	123.56	88047	121.50	87352	115.52	87270	114.87	87333	114.81	86339
2225	500.9	4407.7	1003	158.79	88059	139.43	86339	136.00	88047	133.25	87314	131.95	87270	129.34	87352
2226	501.9	4407.7	1004	144.12	88003	141.76	87352	138.48	88059	134.51	87350	128.99	87337	127.85	89004
2227	502.9	4407.7	1005	142.19	88059	124.52	88003	121.90	87352	119.24	87270	118.05	87314	116.61	88047
2228	503.9	4407.7	1006	124.09	87352	124.02	88003	121.99	88059	114.85	87351	113.77	87350	110.15	88340
2229	504.9	4407.7	1007	163.55	88059	158.16	86339	145.49	87270	143.52	87353	142.91	87337	141.96	87359
2230	505.9	4407.7	1008	150.19	86355	129.54	87333	127.28	86351	125.32	87339	125.27	86329	123.50	87352
2231	506.9	4407.7	1009	110.28	88059	108.23	88003	99.13	87352	96.24	85340	95.53	87270	95.19	88064
2232	507.9	4407.7	1010	109.53	88059	104.90	88003	98.28	87270	94.24	85340	93.26	88047	92.85	88064
2233	508.9	4407.7	1011	101.64	88003	99.73	88059	96.05	87270	91.47	88047	91.25	87339	90.04	87360
2234	509.9	4407.7	1012	95.66	88059	92.75	88047	91.70	88003	88.89	87270	88.16	87339	85.20	88064
2235	510.9	4407.7	1013	94.82	88059	92.17	88003	91.12	88047	90.71	88064	89.14	87339	88.93	87270
2236	511.9	4407.7	1014	94.79	88003	94.42	88059	92.27	88047	90.47	88064	88.98	87339	88.41	87360

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2237	512.9	4407.7	1015	131.62	88059	115.78	88003	112.88	86339	111.54	87270	109.78	87314	109.26	85040
2278	482.9	4408.7	1016	119.82	88047	116.78	88340	103.92	85070	99.41	85040	98.69	88059	96.92	85360
2279	483.9	4408.7	1017	123.20	88047	104.44	85070	100.58	85040	99.33	85360	99.11	88059	96.15	88016
2280	484.9	4408.7	1018	122.66	88047	113.52	88016	108.48	85070	105.93	88059	103.46	85360	101.88	85040
2281	485.9	4408.7	1019	119.46	88047	110.56	88016	108.57	85070	107.29	88059	105.48	85360	99.98	85040
2282	486.9	4408.7	1020	120.14	88047	108.74	88059	105.93	85070	102.06	85360	99.15	85040	98.74	88016
2283	487.9	4408.7	1021	125.73	88047	114.01	88059	105.68	85070	103.51	85360	100.29	85040	97.71	87270
2284	488.9	4408.7	1022	132.86	88047	114.82	88059	104.03	85070	103.80	85360	100.35	85040	99.41	87270
2285	489.9	4408.7	1023	135.28	88047	116.37	88059	104.89	87270	104.14	85360	102.01	85070	99.88	85040
2286	490.9	4408.7	1024	132.50	88047	112.94	88059	104.76	85360	100.76	85070	99.71	87270	97.88	85040
2287	491.9	4408.7	1025	128.84	88047	113.06	88059	103.82	85360	101.27	87270	99.30	85070	98.23	85040
2288	492.9	4408.7	1026	126.37	88047	121.59	88059	107.39	87270	105.92	85360	100.30	85040	99.34	89014
2289	493.9	4408.7	1027	122.39	88047	116.97	88059	102.66	85360	101.56	87337	101.39	87270	101.15	88064
2290	494.9	4408.7	1028	123.23	88059	122.64	88047	105.89	87270	103.67	85360	101.70	88064	100.38	85040
2291	495.9	4408.7	1029	119.19	88047	118.95	88059	105.58	87337	104.60	88003	103.22	87352	102.71	85360
2292	496.9	4408.7	1030	126.38	88059	119.74	88047	110.32	87270	107.25	87352	104.61	86339	102.97	85360
2293	497.9	4408.7	1031	131.03	88059	119.77	88047	115.63	87352	107.91	87270	107.83	87350	107.21	88003
2294	498.9	4408.7	1032	137.80	88059	123.16	88047	116.58	86339	116.48	87352	113.39	87270	112.49	87350
2295	499.9	4408.7	1033	138.26	88059	127.38	88047	119.73	87352	119.71	87270	111.88	87359	111.44	87350
2296	500.9	4408.7	1034	159.81	88059	136.16	88047	136.00	87270	135.85	86339	127.61	87001	126.57	87351
2297	501.9	4408.7	1035	143.11	88059	138.21	87337	135.36	88003	133.34	87352	132.08	87333	131.46	87351
2298	502.9	4408.7	1036	155.50	88059	132.64	86339	132.05	87270	129.06	85340	127.59	87337	127.39	87333
2299	503.9	4408.7	1037	134.88	86355	122.32	88059	121.66	87333	117.68	87339	117.37	87337	116.43	87352
2300	504.9	4408.7	1038	127.00	88059	111.46	85340	110.95	87270	109.42	88003	109.27	87352	103.04	87339
2301	505.9	4408.7	1039	114.04	88059	109.34	87352	108.18	88003	106.62	86355	105.28	87270	104.40	87360
2302	506.9	4408.7	1040	113.22	88059	107.83	88003	101.17	87352	100.36	87339	99.69	87270	98.97	87360
2303	507.9	4408.7	1041	108.76	88059	99.64	88003	98.41	87270	97.60	87339	95.03	85340	93.65	87360
2304	508.9	4408.7	1042	99.40	88059	98.28	88003	95.52	87270	94.17	87339	91.60	87360	89.30	88047
2305	509.9	4408.7	1043	95.19	88059	91.99	88003	90.95	88047	90.48	87339	88.56	87270	86.69	87360
2306	510.9	4408.7	1044	95.44	88059	92.48	87339	90.41	88003	89.57	88047	89.06	87270	88.04	88064
2307	511.9	4408.7	1045	95.45	88059	95.35	88003	92.31	87339	91.26	88047	89.01	88064	88.41	87270
2308	512.9	4408.7	1046	138.11	88059	121.64	86339	117.34	87270	117.06	88003	112.52	87337	112.22	87314
2349	482.9	4409.7	1047	119.73	88047	105.95	85070	98.82	85360	98.61	88059	97.07	88016	96.34	85040
2350	483.9	4409.7	1048	121.51	88016	117.30	88047	110.80	85070	100.70	85360	99.46	85328	97.37	88059
2351	484.9	4409.7	1049	119.38	88047	109.46	85070	104.56	88059	104.34	88016	103.45	85360	99.04	85040
2352	485.9	4409.7	1050	131.29	88047	106.09	85070	105.13	88059	99.77	85360	98.32	85040	92.12	87270
2353	486.9	4409.7	1051	137.46	88047	106.14	88059	102.02	85070	101.89	85360	98.59	85040	92.65	87270
2354	487.9	4409.7	1052	132.61	88047	108.87	88059	102.80	85360	101.50	85070	97.34	85040	94.56	87270
2355	488.9	4409.7	1053	125.79	88047	109.59	88059	104.32	85360	101.97	85070	97.42	87270	97.38	85040
2356	489.9	4409.7	1054	121.67	88047	112.38	88059	106.93	85360	101.13	85070	101.06	87270	97.87	85040
2357	490.9	4409.7	1055	118.75	88047	111.17	88059	103.71	85360	99.27	85070	98.35	85040	97.32	87270
2358	491.9	4409.7	1056	115.99	88047	112.74	88059	104.63	85360	99.79	85070	99.72	85040	97.71	87270
2359	492.9	4409.7	1057	119.61	88059	117.18	88047	104.80	87270	103.72	85360	101.07	85040	100.64	85070
2360	493.9	4409.7	1058	116.62	88059	115.93	88047	99.36	87270	98.90	87352	98.89	85360	98.83	88064
2361	494.9	4409.7	1059	124.71	88059	116.67	88047	103.78	87270	101.45	85360	101.04	88064	100.15	87352
2362	495.9	4409.7	1060	121.70	88059	118.29	88047	109.63	87352	107.07	88064	104.26	88003	103.88	87350
2363	496.9	4409.7	1061	130.09	88059	121.53	88047	118.43	86339	116.18	87352	113.62	88003	111.31	87270
2364	497.9	4409.7	1062	137.07	88059	121.58	88047	117.74	86339	115.51	87352	115.22	87270	113.86	87337
2365	498.9	4409.7	1063	141.40	88059	123.71	88047	120.95	87270	118.35	87359	117.19	86339	112.37	87337
2366	499.9	4409.7	1064	140.78	88059	127.82	88047	117.85	87270	113.82	87333	113.31	87352	113.16	87337
2367	500.9	4409.7	1065	151.30	88059	127.55	87270	126.70	87333	126.02	87351	123.43	88047	123.06	86339

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2368	501.9	4409.7	1066	135.60	88059	130.38	88003	124.54	87337	123.48	87352	113.95	89004	113.17	87333
2369	502.9	4409.7	1067	134.14	88059	115.12	87270	114.81	85340	110.23	88003	105.92	87333	104.32	87352
2370	503.9	4409.7	1068	116.49	88059	112.39	87333	111.61	86355	109.56	87352	105.30	87339	104.95	87337
2371	504.9	4409.7	1069	129.90	88059	114.65	87270	109.46	85340	105.99	86355	105.41	87339	104.97	86351
2372	505.9	4409.7	1070	113.89	88059	107.43	87352	106.75	86355	104.92	87339	104.37	88003	103.98	87270
2373	506.9	4409.7	1071	112.49	88059	104.09	88003	101.43	87339	101.40	87270	101.36	87352	99.25	87360
2374	507.9	4409.7	1072	107.79	88059	99.15	88003	97.16	87270	96.78	87339	94.65	85340	92.54	87360
2375	508.9	4409.7	1073	99.96	88059	97.56	88003	96.70	87339	94.90	87270	91.48	87360	88.25	87352
2376	509.9	4409.7	1074	96.24	88059	94.83	88003	94.15	87339	89.54	87360	88.51	87270	88.28	88047
2377	510.9	4409.7	1075	97.25	88059	93.98	88003	93.94	87339	90.07	87270	86.71	87360	86.56	88047
2378	511.9	4409.7	1076	97.12	88059	95.25	87339	94.05	88003	90.42	87270	88.43	88047	88.18	87360
2379	512.9	4409.7	1077	142.60	88059	127.27	86339	121.58	87270	116.51	87359	116.24	88003	114.71	87337
2420	482.9	4410.7	1078	121.45	88016	121.29	88047	117.61	85070	116.03	85328	103.26	86353	98.90	85360
2421	483.9	4410.7	1079	155.84	88047	106.51	85070	100.55	85360	95.96	88059	95.34	85040	94.43	89014
2422	484.9	4410.7	1080	141.88	88047	102.72	85070	102.48	88059	102.21	85360	97.07	85040	93.46	87351
2423	485.9	4410.7	1081	120.35	88047	103.99	88059	102.39	85360	101.39	85070	95.41	85040	91.92	89014
2424	486.9	4410.7	1082	113.12	88047	106.07	88059	105.19	85360	102.34	85070	96.06	85040	92.16	89014
2425	487.9	4410.7	1083	113.46	88047	108.66	88059	105.25	85360	100.64	85070	96.12	85040	96.00	87270
2426	488.9	4410.7	1084	112.99	88047	111.09	88059	105.72	85360	99.91	85070	95.69	87270	94.75	85040
2427	489.9	4410.7	1085	112.68	88047	112.31	88059	104.02	85360	100.66	85070	100.17	87270	96.67	85040
2428	490.9	4410.7	1086	113.28	88047	112.59	88059	103.25	85360	99.98	85070	97.32	85040	96.74	87270
2429	491.9	4410.7	1087	114.44	88059	113.95	88047	101.12	85360	98.64	85070	98.56	87270	97.72	85040
2430	492.9	4410.7	1088	123.20	88059	115.58	88047	106.97	87270	102.95	85360	100.60	85040	100.39	85070
2431	493.9	4410.7	1089	120.47	88059	115.78	88047	102.97	85360	102.27	87352	100.41	85070	99.89	87337
2432	494.9	4410.7	1090	130.37	88059	117.16	88047	113.95	86339	108.11	87270	107.95	85360	103.07	87352
2433	495.9	4410.7	1091	129.35	88059	121.34	88047	119.34	86339	110.48	87352	110.32	85360	110.24	87337
2434	496.9	4410.7	1092	134.43	88059	120.64	88047	118.43	86339	116.78	87270	115.12	87337	114.56	87359
2435	497.9	4410.7	1093	132.98	88059	116.83	88047	110.42	87337	109.77	87270	106.97	87352	106.74	87359
2436	498.9	4410.7	1094	129.24	88059	119.26	88047	108.56	87270	106.01	87352	102.85	87350	101.26	87339
2437	499.9	4410.7	1095	132.27	88059	114.38	88047	113.05	87270	108.09	87351	107.99	87352	107.70	87333
2438	500.9	4410.7	1096	145.23	88059	124.98	87270	118.86	87351	118.85	87333	116.90	87352	115.51	87353
2439	501.9	4410.7	1097	138.86	88059	124.67	88003	121.85	87337	121.65	87352	115.85	89004	113.22	88340
2440	502.9	4410.7	1098	131.89	88059	114.97	85340	113.65	87270	110.02	88003	105.15	87333	105.14	87352
2441	503.9	4410.7	1099	113.71	88059	105.64	87333	105.38	87352	103.94	87337	102.95	87339	101.52	86355
2442	504.9	4410.7	1100	123.68	88059	113.80	87270	105.71	86355	104.73	87339	103.28	87352	102.84	85340
2443	505.9	4410.7	1101	116.00	88059	107.63	87339	107.27	87352	105.72	87270	104.90	87333	104.34	86355
2444	506.9	4410.7	1102	111.78	88059	103.89	87339	101.68	87270	99.03	86355	98.95	88003	98.77	87360
2445	507.9	4410.7	1103	109.44	88059	98.74	87339	98.74	88003	97.94	87270	97.05	87352	92.43	87360
2446	508.9	4410.7	1104	100.76	88059	99.17	88003	96.58	87339	94.77	87270	91.81	87360	90.06	87352
2447	509.9	4410.7	1105	97.63	88059	94.72	87339	93.68	88003	89.58	87360	88.38	87270	86.67	88047
2448	510.9	4410.7	1106	97.63	88059	97.33	88003	97.02	87339	91.13	87270	89.93	87360	86.30	87337
2449	511.9	4410.7	1107	98.89	88059	98.16	87339	97.27	88003	91.89	87270	88.86	87360	87.37	87337
2450	512.9	4410.7	1108	145.44	88059	129.60	86339	125.09	87270	119.73	87359	116.88	87337	115.64	88003
2491	482.9	4411.7	1109	120.88	89346	113.02	88047	103.45	85040	102.44	85070	100.90	85360	98.36	88059
2492	483.9	4411.7	1110	109.55	88047	107.82	89346	102.88	85070	102.49	85360	101.64	85040	94.79	88059
2493	484.9	4411.7	1111	109.38	88047	105.19	85360	102.71	88059	102.51	85070	99.79	85040	95.04	89346
2494	485.9	4411.7	1112	107.85	88047	104.74	88059	104.37	85360	100.59	85070	96.42	85040	90.62	87270
2495	486.9	4411.7	1113	110.08	88047	107.57	88059	104.36	85360	100.27	85070	97.40	85040	93.64	87270
2496	487.9	4411.7	1114	109.73	88047	109.72	88059	104.36	85360	99.25	85070	96.93	85040	95.57	87270
2497	488.9	4411.7	1115	110.06	88047	109.93	88059	103.40	85360	99.29	85070	97.96	85040	95.66	87270
2498	489.9	4411.7	1116	111.92	88059	111.17	88047	101.86	85360	98.95	85040	98.76	85070	98.23	87270

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2499	490.9	4411.7	1117	113.79	88059	111.98	88047	101.10	85360	100.24	85070	97.95	85040	95.29	87270
2500	491.9	4411.7	1118	117.13	88059	112.62	88047	103.42	85360	101.94	85070	98.20	85040	97.80	87270
2501	492.9	4411.7	1119	124.10	88059	115.32	88047	106.42	85360	104.89	87270	103.88	86339	103.08	85070
2502	493.9	4411.7	1120	123.96	88059	120.41	88047	106.46	87352	105.77	85360	103.66	85070	102.02	86339
2503	494.9	4411.7	1121	133.52	88059	121.62	88047	112.18	86339	110.42	87270	109.38	85360	109.19	87350
2504	495.9	4411.7	1122	125.38	88059	120.13	88047	112.65	88340	111.16	87352	109.56	87337	108.56	87359
2505	496.9	4411.7	1123	124.30	88059	114.20	88047	109.50	87270	105.96	87352	103.53	87337	100.53	87359
2506	497.9	4411.7	1124	129.52	88059	112.44	88047	106.41	87270	105.50	87352	101.76	87337	101.47	87350
2507	498.9	4411.7	1125	127.61	88059	113.18	88047	112.05	87270	107.69	87352	102.03	87333	101.99	87351
2508	499.9	4411.7	1126	130.81	88059	112.31	87351	112.24	87333	111.29	87270	109.00	88047	106.16	87352
2509	500.9	4411.7	1127	149.10	88059	127.41	87270	119.93	87351	117.62	87333	116.55	86339	116.31	87353
2510	501.9	4411.7	1128	138.91	88059	123.04	87337	122.32	87352	122.31	88003	117.59	89004	113.77	87270
2511	502.9	4411.7	1129	131.39	88059	116.16	85340	111.10	87270	106.38	88003	105.97	87352	105.47	87333
2512	503.9	4411.7	1130	118.02	88059	106.17	87333	105.58	87337	103.66	87352	102.65	87339	101.93	88003
2513	504.9	4411.7	1131	118.47	88059	110.11	87270	107.96	86355	105.08	87352	103.88	87339	100.59	85340
2514	505.9	4411.7	1132	112.20	88059	102.37	87352	101.97	87339	98.97	87270	96.14	86355	96.14	88003
2515	506.9	4411.7	1133	115.61	88059	105.49	87339	102.98	87270	100.39	87352	97.85	87350	95.79	86355
2516	507.9	4411.7	1134	113.62	88059	103.56	88003	102.53	87339	101.16	87352	98.78	87270	96.73	85340
2517	508.9	4411.7	1135	101.64	88059	101.07	88003	100.69	87339	98.99	87352	94.56	87270	93.84	87325
2518	509.9	4411.7	1136	101.30	88059	96.55	87339	96.14	88003	91.90	87360	89.41	87337	89.09	87270
2519	510.9	4411.7	1137	99.29	88003	97.26	88059	95.49	87339	91.25	87360	90.14	87270	88.31	87337
2520	511.9	4411.7	1138	99.47	88059	97.68	87339	96.08	88003	91.11	87270	90.66	87360	89.20	87337
2521	512.9	4411.7	1139	140.99	88059	131.39	86339	124.64	87270	120.04	87359	118.61	87337	115.86	87339
2562	482.9	4412.7	1140	105.86	88047	104.35	85360	103.07	85070	101.45	88059	93.88	85040	91.55	89014
2563	483.9	4412.7	1141	104.26	88047	101.65	85360	101.06	85070	95.03	88059	91.90	85040	89.58	89014
2564	484.9	4412.7	1142	107.42	88047	102.47	85360	102.27	88059	100.72	85070	93.48	85040	88.70	86329
2565	485.9	4412.7	1143	106.20	88047	104.15	88059	102.28	85360	99.21	85070	94.50	85040	90.33	87270
2566	486.9	4412.7	1144	105.75	88047	105.09	88059	104.21	85360	99.99	85070	94.19	85040	91.74	87270
2567	487.9	4412.7	1145	107.50	88059	104.66	88047	100.71	85360	98.91	85070	92.54	85040	92.22	87270
2568	488.9	4412.7	1146	109.18	88059	104.26	88047	99.75	85070	99.11	85360	92.36	85040	92.19	87270
2569	489.9	4412.7	1147	111.58	88059	105.33	88047	101.15	85360	100.59	85070	94.41	87270	94.11	85040
2570	490.9	4412.7	1148	113.93	88059	110.03	88047	105.13	85360	102.10	85070	96.25	85040	94.56	87270
2571	491.9	4412.7	1149	121.60	88059	113.97	88047	107.50	85360	105.77	85070	101.22	86339	100.66	87270
2572	492.9	4412.7	1150	133.15	88059	119.92	88047	112.10	85360	111.85	86339	111.69	87270	107.65	85070
2573	493.9	4412.7	1151	130.08	88059	123.47	88047	110.89	86339	109.88	85360	109.83	87270	109.26	87337
2574	494.9	4412.7	1152	134.09	88059	121.20	88047	119.35	86339	117.29	87270	116.33	87359	112.43	87337
2575	495.9	4412.7	1153	122.61	88059	112.58	87337	111.43	88047	105.79	87339	105.26	87270	103.63	87352
2576	496.9	4412.7	1154	125.32	88059	110.09	87270	107.36	88047	104.61	87337	102.70	87339	101.01	87352
2577	497.9	4412.7	1155	127.52	88059	109.47	87270	106.98	88047	104.99	87352	102.72	87337	100.49	87351
2578	498.9	4412.7	1156	125.72	88059	110.16	88047	109.75	87270	107.54	87351	105.56	87333	103.20	87352
2579	499.9	4412.7	1157	132.03	88059	111.87	87333	111.63	87270	108.36	87351	106.21	88047	103.93	87352
2580	500.9	4412.7	1158	152.93	88059	131.51	87270	117.82	85340	117.37	86339	116.10	87333	115.76	87353
2581	501.9	4412.7	1159	139.86	88059	122.37	87337	120.52	88003	119.95	87352	119.31	89004	116.11	88340
2582	502.9	4412.7	1160	131.94	88059	113.80	85340	110.65	87270	106.63	87352	106.43	87333	105.83	87337
2583	503.9	4412.7	1161	120.50	88059	106.58	87333	104.47	87337	102.86	87339	102.04	87352	100.80	87270
2584	504.9	4412.7	1162	121.07	88059	110.37	86355	109.08	87270	106.97	87339	104.92	87352	104.58	87333
2585	505.9	4412.7	1163	111.17	88059	106.47	87339	102.15	87352	100.49	86355	99.14	87270	96.12	88003
2586	506.9	4412.7	1164	120.21	88059	108.42	87339	106.35	87270	97.79	87352	95.99	86351	95.73	87350
2587	507.9	4412.7	1165	127.12	88059	118.11	87339	115.46	87270	109.22	85340	109.14	87350	108.34	86339
2588	508.9	4412.7	1166	112.61	87339	106.57	88059	102.52	88003	102.29	87352	101.46	87270	100.79	86355
2589	509.9	4412.7	1167	107.04	88059	100.79	87339	95.00	87270	94.80	88003	92.43	87337	91.11	87350

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2590	510.9	4412.7	1168	102.98	88003	98.29	88059	98.05	87339	92.32	87337	92.29	87360	91.60	87270
2591	511.9	4412.7	1169	98.59	88059	96.29	88003	91.22	87339	90.12	87270	88.94	87352	87.54	87360
2592	512.9	4412.7	1170	115.78	88059	101.93	87270	100.08	88003	95.65	85340	93.17	87339	91.89	87337
2633	482.9	4413.7	1171	135.07	87327	113.12	88363	105.32	88047	104.01	85070	100.33	85360	99.17	87337
2634	483.9	4413.7	1172	107.58	85026	105.35	88047	100.84	85360	99.25	85070	95.54	88059	93.84	85006
2635	484.9	4413.7	1173	105.35	88047	102.90	88059	102.58	85360	99.73	85070	89.08	85040	88.06	87270
2636	485.9	4413.7	1174	104.06	88059	103.45	88047	101.74	85360	99.59	85070	91.36	87270	88.12	85040
2637	486.9	4413.7	1175	106.64	88059	105.05	88047	101.81	85360	100.11	85070	91.55	87270	88.84	85040
2638	487.9	4413.7	1176	107.17	88059	104.73	88047	100.00	85360	99.20	85070	91.01	87270	89.15	85040
2639	488.9	4413.7	1177	110.07	88059	107.12	88047	102.26	85360	100.07	85070	91.80	87270	90.39	85040
2640	489.9	4413.7	1178	111.77	88059	110.51	88047	105.07	85360	102.86	85070	94.90	87270	90.92	85040
2641	490.9	4413.7	1179	117.61	88047	114.74	88059	105.20	85360	104.81	85070	94.59	87270	91.92	85040
2642	491.9	4413.7	1180	122.11	88059	118.88	88047	108.57	85360	103.06	85070	101.71	87270	97.22	86339
2643	492.9	4413.7	1181	124.24	88059	119.42	88047	111.36	87270	106.21	85360	100.69	86339	100.53	87359
2644	493.9	4413.7	1182	125.86	88059	118.13	88047	107.43	87270	105.82	85360	104.23	87359	103.38	86339
2645	494.9	4413.7	1183	124.45	88059	109.40	87270	108.70	88047	103.08	87337	102.70	87351	102.03	87352
2646	495.9	4413.7	1184	115.85	88059	103.51	88047	102.36	87337	99.78	87270	98.99	87339	98.41	87352
2647	496.9	4413.7	1185	121.00	88059	108.52	87270	103.85	88047	97.71	87352	96.03	85360	96.00	87351
2648	497.9	4413.7	1186	124.72	88059	108.14	88047	105.83	87270	103.01	87352	102.18	87351	96.44	87333
2649	498.9	4413.7	1187	123.98	88059	106.35	87270	105.55	88047	102.27	87351	101.86	87333	99.71	87352
2650	499.9	4413.7	1188	130.67	88059	111.14	87270	105.16	87351	104.01	88047	103.90	87352	103.42	87333
2651	500.9	4413.7	1189	152.20	88059	130.82	87270	118.40	86339	117.48	87353	114.80	85340	113.74	87333
2652	501.9	4413.7	1190	140.05	88059	118.31	87337	117.02	88003	116.44	87352	116.04	89004	114.18	87270
2653	502.9	4413.7	1191	129.47	88059	108.58	85340	108.21	87270	105.95	87352	105.90	87339	103.11	88003
2654	503.9	4413.7	1192	120.79	88059	104.49	87333	103.84	87339	102.32	87352	100.53	87337	99.48	87270
2655	504.9	4413.7	1193	119.80	88059	106.45	87339	106.31	86355	105.42	87270	104.27	87352	102.14	85340
2656	505.9	4413.7	1194	110.73	88059	106.42	87339	101.55	87352	99.92	87270	99.57	86355	96.17	88003
2657	506.9	4413.7	1195	116.10	88059	104.31	87339	99.95	87270	94.67	87352	93.39	87350	90.64	88003
2658	507.9	4413.7	1196	114.81	88059	106.43	87339	106.40	87270	98.94	87352	95.82	87350	95.73	85340
2659	508.9	4413.7	1197	105.41	88059	103.54	87339	98.66	87270	95.25	87350	94.06	87352	92.45	88003
2660	509.9	4413.7	1198	103.64	88059	99.75	88003	96.26	87339	93.39	87352	91.97	87270	91.90	87350
2661	510.9	4413.7	1199	99.20	88059	98.22	88003	92.74	87270	92.66	87339	92.54	87352	90.15	87360
2662	511.9	4413.7	1200	98.68	88003	98.25	88059	89.57	87360	89.33	87352	89.30	87270	89.21	87337
2663	512.9	4413.7	1201	109.85	88059	97.10	87270	95.74	88003	92.90	85340	88.48	87337	87.91	87339
2704	482.9	4414.7	1202	118.01	86354	102.71	88047	101.32	85070	99.90	85360	98.46	88059	92.36	88341
2705	483.9	4414.7	1203	114.22	87327	104.06	88047	103.12	85070	100.42	85360	96.91	88059	95.76	88363
2706	484.9	4414.7	1204	105.10	88047	103.49	88059	101.46	85360	100.16	85070	88.95	85006	88.86	87270
2707	485.9	4414.7	1205	103.14	88047	101.86	88059	101.56	85360	98.17	85070	93.71	85026	89.03	87270
2708	486.9	4414.7	1206	104.92	88047	104.48	88059	103.08	85360	98.89	85070	92.04	87270	85.41	88016
2709	487.9	4414.7	1207	108.93	88047	108.39	88059	104.60	85360	101.93	85070	91.05	87270	86.78	89014
2710	488.9	4414.7	1208	115.40	88047	113.54	88059	107.91	85360	103.43	85070	94.72	87270	89.71	89014
2711	489.9	4414.7	1209	118.81	88047	114.38	88059	104.90	85360	100.50	85070	99.51	87270	88.84	85040
2712	490.9	4414.7	1210	123.03	88047	116.68	88059	107.83	85360	98.42	85070	98.12	87270	93.60	87359
2713	491.9	4414.7	1211	118.52	88059	116.12	88047	104.96	87270	103.91	85360	97.02	87359	94.87	86339
2714	492.9	4414.7	1212	123.57	88059	114.23	88047	110.94	87270	101.69	85360	97.57	87359	96.11	86339
2715	493.9	4414.7	1213	123.32	88059	112.92	88047	105.69	87270	102.62	86339	101.28	85360	99.37	87337
2716	494.9	4414.7	1214	118.77	88059	106.94	88047	105.91	87270	101.87	87352	101.68	87337	100.80	87351
2717	495.9	4414.7	1215	114.68	88059	105.96	88047	99.32	87270	98.79	87352	95.63	87351	95.16	87337
2718	496.9	4414.7	1216	120.45	88059	107.93	87270	104.95	88047	100.12	87351	97.82	87352	93.40	85360
2719	497.9	4414.7	1217	124.42	88059	109.87	88047	103.09	87351	103.06	87270	103.02	87352	97.45	87333
2720	498.9	4414.7	1218	125.25	88059	106.07	87270	105.55	88047	101.87	87352	101.47	87351	99.61	87333

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2721	499.9	4414.7	1219	131.46	88059	111.17	87270	104.61	87352	104.21	88047	103.05	87351	101.63	87333
2722	500.9	4414.7	1220	148.92	88059	126.71	87270	114.43	87353	113.92	85340	113.86	86339	109.69	87333
2723	501.9	4414.7	1221	140.52	88059	117.96	88003	116.57	87352	114.77	87337	114.38	89004	113.49	87270
2724	502.9	4414.7	1222	129.31	88059	106.65	87270	106.09	85340	105.28	87352	103.87	88003	103.22	87339
2725	503.9	4414.7	1223	121.46	88059	104.69	87352	102.35	87333	101.57	87339	98.84	88003	98.42	87337
2726	504.9	4414.7	1224	120.61	88059	105.22	87270	103.63	87339	102.06	86355	101.50	87352	100.80	85340
2727	505.9	4414.7	1225	113.00	88059	104.65	87339	102.24	87352	100.66	86355	99.53	87270	95.03	86345
2728	506.9	4414.7	1226	118.31	88059	103.63	87339	103.14	87270	98.01	87352	96.88	87350	94.99	88003
2729	507.9	4414.7	1227	112.01	88059	105.94	87270	104.30	87339	95.91	87352	95.66	87350	94.08	86355
2730	508.9	4414.7	1228	106.68	88059	102.66	87270	99.84	87339	93.25	87350	91.40	87352	90.51	86354
2731	509.9	4414.7	1229	104.02	88059	95.40	87339	93.93	87352	93.82	88003	92.40	87350	92.04	87270
2732	510.9	4414.7	1230	105.67	88003	97.62	87352	97.17	88059	91.30	87270	90.75	87350	89.94	88064
2733	511.9	4414.7	1231	97.92	88059	96.19	88003	91.14	87352	89.65	87360	88.59	87270	86.42	87337
2734	512.9	4414.7	1232	106.43	88059	97.00	88003	93.86	87270	92.66	85340	88.09	87360	87.45	89004
2775	482.9	4415.7	1233	106.07	86354	105.98	88059	101.88	88047	101.42	85360	97.47	85070	93.56	87270
2776	483.9	4415.7	1234	103.91	88047	102.25	85360	99.24	85070	97.21	88059	91.71	86354	90.45	89014
2777	484.9	4415.7	1235	105.08	85360	104.74	88047	102.91	88059	102.03	87327	100.78	85070	89.17	87270
2778	485.9	4415.7	1236	105.24	88047	103.35	85360	100.88	88059	99.85	85070	88.11	87270	86.34	89014
2779	486.9	4415.7	1237	108.02	88047	104.72	88059	103.88	85360	101.42	85070	90.97	87270	88.86	85006
2780	487.9	4415.7	1238	112.71	88047	105.48	85360	105.12	88059	99.03	85070	90.82	85026	90.48	87270
2781	488.9	4415.7	1239	116.91	88047	113.26	88059	103.59	85360	98.29	85070	96.04	87270	89.96	85040
2782	489.9	4415.7	1240	114.56	88047	114.31	88059	103.92	85360	99.77	87270	95.05	85070	91.77	87359
2783	490.9	4415.7	1241	112.63	88059	111.54	88047	100.88	85360	99.19	87270	93.56	87359	92.45	85070
2784	491.9	4415.7	1242	114.91	88059	105.98	88047	101.14	87270	98.36	85360	90.43	85070	90.28	89014
2785	492.9	4415.7	1243	121.11	88059	109.96	87270	109.48	88047	103.59	85360	100.15	86339	96.60	87001
2786	493.9	4415.7	1244	121.60	88059	111.85	88047	103.86	87351	103.44	87270	102.48	87337	102.27	86339
2787	494.9	4415.7	1245	121.02	88059	107.16	87270	106.81	88047	102.49	87337	99.95	87351	98.77	87352
2788	495.9	4415.7	1246	116.13	88059	104.02	88047	101.60	87270	98.71	87352	98.46	87351	96.54	87337
2789	496.9	4415.7	1247	122.66	88059	107.02	87270	105.80	87351	104.67	88047	96.77	87352	96.50	87337
2790	497.9	4415.7	1248	127.31	88059	107.68	88047	105.00	87270	101.93	87351	101.89	87352	100.07	87333
2791	498.9	4415.7	1249	126.69	88059	106.60	87270	102.63	88047	102.61	87352	102.50	87351	99.63	87333
2792	499.9	4415.7	1250	137.51	88059	113.82	87270	104.48	87333	104.16	86339	103.70	88047	103.01	87351
2793	500.9	4415.7	1251	148.87	88059	127.79	87270	116.23	86339	115.67	87353	113.19	85340	112.94	87333
2794	501.9	4415.7	1252	142.51	88059	115.09	87337	114.08	87270	113.12	87352	110.41	89004	110.20	87333
2795	502.9	4415.7	1253	133.28	88059	110.02	88003	107.70	87270	107.64	85340	106.59	87352	104.87	87337
2796	503.9	4415.7	1254	121.50	88059	107.95	87352	104.14	88003	102.39	87333	100.74	87339	99.10	87337
2797	504.9	4415.7	1255	120.67	88059	105.58	87270	102.70	87339	100.98	87333	99.70	87337	98.73	85340
2798	505.9	4415.7	1256	115.02	88059	102.48	86355	100.05	87339	99.93	87352	98.89	87270	98.21	86345
2799	506.9	4415.7	1257	113.58	88059	101.63	87270	100.21	87339	94.42	86355	94.15	87352	90.24	87360
2800	507.9	4415.7	1258	109.12	88059	103.75	87270	98.27	87339	91.28	87350	90.39	87352	89.06	86355
2801	508.9	4415.7	1259	102.79	87270	102.72	88059	94.33	87339	87.87	87352	87.82	88003	86.46	86351
2802	509.9	4415.7	1260	116.18	88059	115.87	89024	107.28	85314	102.90	87356	99.94	87314	98.29	87270
2803	510.9	4415.7	1261	117.74	88003	116.11	87352	114.47	85007	110.67	87351	103.34	86068	101.05	87350
2804	511.9	4415.7	1262	98.52	88059	96.63	88003	90.93	87337	89.81	87352	88.99	87360	88.64	87270
2805	512.9	4415.7	1263	104.84	88059	92.09	88003	91.68	87270	91.65	85340	87.61	87360	86.86	87352
2846	482.9	4416.7	1264	106.20	85360	102.09	88047	100.99	88059	100.25	88016	97.32	85070	96.53	87270
2847	483.9	4416.7	1265	104.69	85360	103.63	88047	99.95	85070	98.13	86354	96.31	88059	87.74	87270
2848	484.9	4416.7	1266	106.13	88047	105.32	85360	104.26	85070	99.00	88059	89.04	89014	87.34	87270
2849	485.9	4416.7	1267	110.03	88047	102.96	85360	101.18	85070	99.82	88059	90.58	87327	86.58	87270
2850	486.9	4416.7	1268	112.30	88047	104.40	88059	103.30	85360	96.71	85070	91.09	87270	87.55	87327
2851	487.9	4416.7	1269	114.05	88047	105.53	88059	100.30	85360	95.20	85070	91.76	87270	89.14	85040

SUMMARY OF MODEL RESULTS FOR 2020 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2852	488.9	4416.7	1270	111.88	88059	111.66	88047	101.76	85360	96.09	85026	94.86	87270	93.34	85070
2853	489.9	4416.7	1271	111.97	88059	107.87	88047	100.28	87270	99.15	85360	94.96	85026	92.15	85070
2854	490.9	4416.7	1272	110.66	88059	105.83	88047	101.08	85360	98.72	87270	92.27	85070	91.61	87327
2855	491.9	4416.7	1273	115.10	88059	103.99	88047	100.03	85360	98.87	87270	90.35	88015	89.67	85070
2856	492.9	4416.7	1274	121.42	88059	108.78	87270	107.47	88047	102.91	86339	100.55	85360	97.73	87351
2857	493.9	4416.7	1275	119.72	88059	105.89	88047	101.03	87270	100.82	87337	97.91	87351	96.92	85360
2858	494.9	4416.7	1276	119.11	88059	107.42	87270	102.29	88047	99.34	87351	96.86	87337	95.88	87352
2859	495.9	4416.7	1277	117.25	88059	101.99	87351	101.47	88047	98.95	87270	96.16	87337	95.04	87352
2860	496.9	4416.7	1278	121.90	88059	104.93	87270	103.58	88047	101.50	87351	97.49	87352	95.34	85360
2861	497.9	4416.7	1279	125.92	88059	103.38	88047	102.23	87270	99.98	87352	98.33	87351	97.96	87337
2862	498.9	4416.7	1280	127.11	88059	102.87	87270	102.57	87352	101.01	87351	99.14	88047	95.45	87333
2863	499.9	4416.7	1281	136.43	88059	111.83	87270	102.31	87352	101.99	86339	99.94	87351	99.24	87333
2864	500.9	4416.7	1282	142.86	88059	123.24	87270	109.60	87353	107.34	85340	107.30	86339	106.58	87333
2865	501.9	4416.7	1283	143.39	88059	113.30	87270	112.67	87337	108.83	87333	106.83	87352	106.11	89004
2866	502.9	4416.7	1284	142.52	88059	118.57	87270	118.35	87337	115.42	85340	112.34	87333	109.45	87339
2867	503.9	4416.7	1285	121.01	88059	111.35	87333	106.19	87352	104.98	87339	104.49	86355	103.35	87337
2868	504.9	4416.7	1286	118.97	88059	104.89	87270	99.73	87339	97.82	87337	97.42	87333	95.28	87352
2869	505.9	4416.7	1287	113.46	88059	99.48	86355	98.09	87352	97.48	86345	97.16	87339	97.01	87270
2870	506.9	4416.7	1288	110.85	88059	101.14	87270	97.20	87339	93.59	86355	93.11	87352	89.14	87360
2871	507.9	4416.7	1289	106.51	88059	100.29	87270	95.90	87339	89.78	87350	89.25	87352	87.51	87360
2872	508.9	4416.7	1290	102.88	87270	102.75	88059	94.87	87339	90.35	87360	90.08	87350	89.71	87352
2873	509.9	4416.7	1291	148.35	86339	145.50	88059	135.64	87359	133.13	87270	126.73	87350	122.57	87337
2874	510.9	4416.7	1292	139.30	86355	124.91	87333	120.91	86351	115.73	87352	115.49	86329	115.18	87339
2875	511.9	4416.7	1293	97.19	88059	93.53	88003	90.48	87352	89.35	87360	87.99	85340	87.45	87270
2876	512.9	4416.7	1294	103.14	88059	95.39	88003	91.91	85340	90.11	87270	87.95	87352	85.32	87339
Max				187.88		158.16		145.49		143.52		143.07		141.96	

## Appendix L

### Summary of Dispersion Model Results for 2025

## Appendix L – Summary of Dispersion Model Results for 2025

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1	477.9	4376.7	1	99.08	88064	95.02	85040	94.31	88291	88.32	88047	87.32	89288	85.95	86284
2	482.9	4376.7	2	113.99	88064	92.45	89288	92.34	85040	89.96	85270	89.52	88291	89.05	86107
3	487.9	4376.7	3	122.59	88064	106.95	89288	101.23	86107	98.63	85270	93.84	85040	92.75	86284
4	492.9	4376.7	4	131.30	88064	114.15	89288	112.97	86107	100.95	85270	98.74	89344	97.45	85007
5	497.9	4376.7	5	127.66	88064	119.91	89288	111.63	86107	106.39	85007	104.09	85270	98.29	85326
6	502.9	4376.7	6	137.77	88064	123.03	85007	115.40	88003	112.97	89288	112.46	86107	112.30	85326
7	507.9	4376.7	7	127.85	88064	127.19	85007	120.74	88003	115.99	85326	114.74	89288	107.71	86107
8	512.9	4376.7	8	111.81	88003	110.72	85326	105.68	89051	104.77	85007	102.19	88064	95.40	85315
9	517.9	4376.7	9	101.78	85326	100.98	88064	98.20	85007	95.89	88003	92.39	88354	91.80	86068
10	522.9	4376.7	10	96.81	88003	91.40	86068	91.36	85326	85.90	88354	85.19	85332	84.91	85007
11	527.9	4376.7	11	92.98	86068	82.33	88354	82.31	85326	79.51	88003	79.03	85332	73.39	85007
12	532.9	4376.7	12	89.68	86068	72.36	88354	68.76	85332	68.58	85326	66.54	86346	65.84	85320
13	537.9	4376.7	13	85.46	86068	65.94	85332	64.98	88354	64.33	85320	63.61	86030	61.75	86346
14	542.9	4376.7	14	83.36	86068	67.68	86030	63.11	85320	62.63	88354	61.91	86329	61.02	85332
15	547.9	4376.7	15	85.31	86068	64.96	86030	64.30	85320	61.19	86329	59.49	85270	59.16	88354
16	477.9	4381.7	16	115.14	85040	101.58	88064	97.93	88291	94.52	85270	92.35	88047	91.56	86284
17	482.9	4381.7	17	112.97	88064	110.32	85040	99.23	85270	95.39	88291	92.48	86284	90.55	89288
18	487.9	4381.7	18	126.01	88064	112.77	85040	106.49	85270	99.66	89288	98.77	86107	95.21	88291
19	492.9	4381.7	19	136.46	88064	115.84	86107	109.96	89288	108.18	85270	105.07	85040	99.10	89024
20	497.9	4381.7	20	135.09	88064	118.29	89288	113.78	86107	110.64	85270	105.31	85007	101.69	88003
21	502.9	4381.7	21	139.79	88064	122.78	88003	116.59	85007	115.91	85326	115.91	86107	112.56	89288
22	507.9	4381.7	22	134.49	88064	126.67	88003	120.93	85007	119.97	85326	115.24	86107	112.67	89288
23	512.9	4381.7	23	110.15	88003	103.53	88064	103.37	85326	102.86	86107	98.03	86068	95.95	85007
24	517.9	4381.7	24	107.70	88003	103.05	88064	98.88	85326	97.68	85007	95.83	86068	92.74	86107
25	522.9	4381.7	25	96.09	88003	95.04	86068	89.40	85326	84.95	88354	84.72	86107	83.60	85007
26	527.9	4381.7	26	94.81	86068	84.47	88003	81.67	85326	78.25	88354	74.74	85332	74.59	86329
27	532.9	4381.7	27	88.54	86068	68.32	88354	68.20	86329	67.56	86107	66.99	85332	66.96	86346
28	537.9	4381.7	28	85.65	86068	69.84	86030	66.95	86329	65.15	88354	65.08	86107	63.87	85332
29	542.9	4381.7	29	87.24	86068	65.94	85320	63.93	86030	63.81	86107	63.74	86329	59.32	88354
30	547.9	4381.7	30	81.98	86068	63.49	86107	63.38	86329	63.12	85320	60.98	86030	58.01	88348
31	477.9	4386.7	31	122.20	85040	107.48	88047	101.32	88291	97.33	85270	96.61	88064	89.73	86284
32	482.9	4386.7	32	131.72	85040	118.55	88064	113.63	88047	109.41	85270	103.81	88291	98.08	89024
33	487.9	4386.7	33	130.37	88064	121.83	85040	110.86	85270	107.21	88047	101.65	88291	97.90	86107
34	492.9	4386.7	34	128.48	88064	114.23	85040	114.11	86107	109.86	85270	103.86	88047	103.16	89288
35	497.9	4386.7	35	141.15	88064	117.05	89288	116.73	85270	113.38	86107	112.98	85040	112.71	88003
36	502.9	4386.7	36	138.57	88064	126.06	88003	114.95	85007	114.91	85326	114.72	86107	108.88	89288
37	507.9	4386.7	37	151.89	88003	146.75	88064	139.24	85007	137.54	85326	137.32	87352	126.16	87314
38	512.9	4386.7	38	107.35	86107	106.80	88003	104.75	88064	101.12	86068	99.47	85326	95.12	85007
39	517.9	4386.7	39	118.66	88003	105.33	88064	103.18	85007	100.17	86068	99.34	85326	95.24	86107
40	522.9	4386.7	40	97.19	86068	93.89	88003	91.57	85326	88.67	86107	85.86	88064	85.40	85007
41	527.9	4386.7	41	97.75	86068	89.73	88003	79.94	86329	79.00	86346	78.96	85007	78.75	86107
42	532.9	4386.7	42	92.83	86068	72.38	86329	70.93	86107	69.89	85320	69.14	85332	68.84	86030
43	537.9	4386.7	43	89.28	86068	68.57	86107	66.82	86329	66.04	85320	61.97	86030	60.52	88354
44	542.9	4386.7	44	83.17	86068	67.49	86107	66.68	86329	63.58	85320	61.43	86030	59.88	89320
45	547.9	4386.7	45	79.46	86068	65.44	85320	65.33	86107	63.62	86329	58.38	88348	58.13	88291

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
46	477.9	4391.7	46	128.51	85040	116.28	88047	105.90	85270	100.80	88064	93.40	88291	92.99	86284
47	482.9	4391.7	47	126.13	85040	118.99	88047	117.59	88064	110.03	85270	99.26	88291	96.12	86284
48	487.9	4391.7	48	125.62	85040	121.45	88047	120.89	88064	110.33	85270	105.16	88291	92.44	86107
49	492.9	4391.7	49	130.55	85040	127.00	88064	119.65	88047	117.28	85270	108.57	86107	106.23	88291
50	497.9	4391.7	50	138.18	88064	126.13	85040	125.95	85270	119.57	88047	115.04	88003	110.74	85007
51	502.9	4391.7	51	155.89	88064	140.74	88003	131.48	85007	120.71	85326	119.68	86107	119.68	87352
52	507.9	4391.7	52	131.83	88003	121.14	88064	113.62	87352	110.56	85007	109.20	85326	106.25	86107
53	512.9	4391.7	53	110.67	88003	110.65	88064	104.28	86107	103.33	86068	97.45	85007	96.57	87352
54	517.9	4391.7	54	123.61	88003	105.70	88064	104.68	85007	99.68	86068	98.64	85326	96.04	86107
55	522.9	4391.7	55	99.50	86068	98.43	88003	89.64	86107	87.86	88064	87.85	86329	86.31	85007
56	527.9	4391.7	56	100.21	86068	89.74	88003	84.09	86329	78.47	86107	78.13	86346	77.34	85320
57	532.9	4391.7	57	87.93	86068	73.69	86107	72.22	86329	69.79	88003	68.29	85320	66.52	86346
58	537.9	4391.7	58	81.84	86068	72.56	86107	69.43	86329	65.91	85320	61.19	88348	60.51	89320
59	542.9	4391.7	59	80.47	86068	70.35	86107	66.26	86329	64.18	85320	60.20	88348	58.25	88291
60	547.9	4391.7	60	77.55	86068	68.43	86107	64.37	86329	60.70	85320	58.82	88348	56.67	85004
61	477.9	4396.7	61	131.39	85040	126.78	88047	103.31	85270	99.21	85070	96.02	88016	91.52	88064
62	482.9	4396.7	62	140.93	88047	138.25	85040	112.30	85270	111.34	88064	105.43	87314	105.32	88016
63	487.9	4396.7	63	144.76	88047	139.08	85040	127.79	88064	121.42	85270	117.10	85328	115.80	88016
64	492.9	4396.7	64	143.66	88047	134.41	85040	133.68	88064	121.27	85270	112.58	87314	110.37	88059
65	497.9	4396.7	65	142.39	88064	137.85	88047	130.21	85040	127.35	88059	124.68	88003	120.59	85007
66	502.9	4396.7	66	143.88	88064	135.13	88003	127.26	87352	125.42	85007	123.38	88047	114.39	87327
67	507.9	4396.7	67	124.34	88003	117.47	88064	108.58	86068	107.98	87352	106.56	88059	106.36	86107
68	512.9	4396.7	68	109.75	88003	108.34	88064	105.89	87352	103.27	86107	100.41	85007	100.00	86068
69	517.9	4396.7	69	125.89	88003	109.11	88064	108.23	85007	106.93	86068	97.45	86107	96.86	85326
70	522.9	4396.7	70	102.21	88003	101.19	86068	91.09	86107	88.35	85007	87.65	88064	86.72	86346
71	527.9	4396.7	71	93.97	86068	91.54	88003	82.04	86107	81.29	86329	77.57	85007	75.28	87360
72	532.9	4396.7	72	86.61	86068	78.16	86107	74.35	86329	72.88	88003	67.77	85320	65.46	87360
73	537.9	4396.7	73	81.61	86068	75.07	86107	68.92	86329	64.00	88003	63.17	85007	63.05	85320
74	542.9	4396.7	74	76.06	86068	72.49	86107	66.18	86329	62.18	85007	60.78	88348	60.28	88291
75	547.9	4396.7	75	70.73	86068	70.47	86107	64.09	86329	59.38	85007	58.95	88291	58.61	88348
76	477.9	4401.7	76	128.42	85040	125.15	88047	111.29	85070	98.75	88016	98.48	85270	93.12	88059
77	482.9	4401.7	77	129.10	85040	125.48	88047	108.18	85070	104.29	85270	99.23	88059	99.18	88016
78	487.9	4401.7	78	135.69	88047	125.97	85040	112.33	88059	111.92	85070	111.34	88064	107.02	85270
79	492.9	4401.7	79	132.34	88047	127.27	85040	118.09	88064	116.64	88059	109.43	85270	107.37	88016
80	497.9	4401.7	80	127.90	88059	126.25	88047	125.60	88064	122.63	85040	115.66	88003	113.84	87352
81	502.9	4401.7	81	142.04	88003	137.17	87352	133.35	88047	131.94	88064	122.27	85007	121.46	88059
82	507.9	4401.7	82	117.11	88003	114.11	88064	113.83	88047	113.00	88059	104.08	87352	101.72	87270
83	512.9	4401.7	83	121.45	88003	111.65	87352	108.12	86068	106.66	88064	105.78	85007	103.60	88059
84	517.9	4401.7	84	123.59	88003	101.13	86068	99.22	88064	98.43	87352	98.05	85007	96.54	86329
85	522.9	4401.7	85	105.15	88003	96.50	86068	90.55	87360	86.39	88064	86.18	86329	85.69	86107
86	527.9	4401.7	86	90.84	86068	89.44	88003	80.66	86107	79.78	86329	79.44	87360	74.77	87339
87	532.9	4401.7	87	79.00	86068	76.46	86107	75.25	88003	70.59	87360	70.15	86329	66.44	87339
88	537.9	4401.7	88	75.43	86107	71.48	86068	67.12	88003	65.54	86329	64.25	87360	61.91	88291
89	542.9	4401.7	89	74.46	86107	66.78	86068	64.13	86329	62.66	88003	60.37	89346	59.74	87360
90	547.9	4401.7	90	72.50	86107	64.48	86068	62.80	86329	59.00	89346	58.30	88003	57.36	88291
91	477.9	4406.7	91	118.48	88047	113.52	85070	106.91	88004	102.81	85040	101.77	89024	99.27	88059
92	482.9	4406.7	92	127.29	88047	109.00	85360	108.00	85070	104.38	85040	100.48	88059	99.64	89014
93	487.9	4406.7	93	133.31	88047	116.66	88016	116.31	88059	111.78	85040	110.01	85360	109.68	85070
94	492.9	4406.7	94	134.61	88047	129.00	88059	114.84	85040	114.65	87270	111.29	85360	110.50	89014
95	497.9	4406.7	95	153.79	88059	137.13	88047	135.88	86339	131.43	87270	124.95	85040	122.65	87337
96	502.9	4406.7	96	169.65	88059	162.23	86339	150.68	88003	145.25	87270	143.52	87359	142.02	87350

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
97	507.9	4406.7	97	114.63	88059	106.52	88003	103.93	88047	102.50	87270	97.76	87339	97.01	85340
98	512.9	4406.7	98	116.68	89024	114.45	88059	109.59	88064	107.15	88047	101.96	88003	101.15	85314
99	517.9	4406.7	99	128.78	88003	120.89	85007	112.76	86068	108.96	87352	100.28	87351	99.72	85326
100	522.9	4406.7	100	98.97	88003	89.00	86068	85.37	87360	84.80	87339	84.36	86107	81.74	87325
101	527.9	4406.7	101	94.20	88003	87.37	87360	79.20	86068	77.84	86107	74.29	86329	74.18	88064
102	532.9	4406.7	102	82.25	88003	74.52	87360	73.47	86107	73.43	86068	68.50	86329	64.58	87325
103	537.9	4406.7	103	72.85	86107	72.17	88003	66.85	86068	66.13	87360	64.35	86329	61.27	89346
104	542.9	4406.7	104	71.38	86107	67.90	88003	63.59	86068	62.51	86329	61.59	87360	60.19	85015
105	547.9	4406.7	105	69.94	86107	63.06	88003	61.19	86068	61.05	86329	58.86	85015	58.70	89346
106	477.9	4411.7	106	113.84	88047	112.54	89014	111.06	85360	110.38	85070	105.39	85040	101.45	87270
107	482.9	4411.7	107	121.48	89346	117.02	88047	106.98	85040	105.99	85070	104.06	85360	102.08	88059
108	487.9	4411.7	108	113.42	88059	113.20	88047	107.76	85360	103.02	85070	99.94	85040	98.13	87270
109	492.9	4411.7	109	128.37	88059	119.76	88047	110.51	85360	107.86	87270	107.32	85070	106.49	86339
110	497.9	4411.7	110	134.84	88059	117.33	88047	109.67	87270	108.95	87352	105.19	87339	104.97	87337
111	502.9	4411.7	111	136.09	88059	119.10	85340	114.50	87270	109.54	88003	109.24	87352	107.94	87333
112	507.9	4411.7	112	118.18	88059	107.49	88003	106.52	87339	105.12	87352	101.59	87270	100.07	87360
113	512.9	4411.7	113	150.36	88059	140.52	86339	131.86	87270	128.07	87359	125.65	87337	122.00	87339
114	517.9	4411.7	114	132.30	86355	119.95	87360	117.83	87333	116.60	85340	116.46	86351	113.95	86329
115	522.9	4411.7	115	96.41	88003	90.12	87360	84.04	87339	81.44	85340	81.01	87325	80.88	86329
116	527.9	4411.7	116	89.21	88003	82.52	87360	75.32	86107	75.20	87325	75.19	86329	73.36	87339
117	532.9	4411.7	117	87.81	88003	82.38	87360	73.59	86107	70.93	86329	67.63	87325	66.53	88064
118	537.9	4411.7	118	77.08	88003	71.54	86107	71.35	87360	65.77	86329	62.42	86068	61.55	88064
119	542.9	4411.7	119	71.40	86107	69.31	88003	64.24	87360	63.43	86329	59.52	86068	59.25	88029
120	547.9	4411.7	120	69.63	86107	66.79	88003	61.09	86329	59.96	87360	57.99	86068	56.55	88291
121	477.9	4416.7	121	107.37	85360	102.63	88047	100.98	85070	95.88	87351	94.05	88059	91.51	87001
122	482.9	4416.7	122	109.64	85360	106.12	88047	104.64	88059	103.03	88016	100.79	85070	99.01	87270
123	487.9	4416.7	123	118.86	88047	108.94	88059	103.63	85360	98.37	85070	94.06	87270	92.23	85040
124	492.9	4416.7	124	125.31	88059	111.75	88047	111.57	87270	105.06	86339	104.28	85360	99.79	87351
125	497.9	4416.7	125	131.22	88059	107.94	88047	105.49	87270	103.30	87352	100.91	87337	100.69	87351
126	502.9	4416.7	126	150.17	88059	123.95	87270	123.92	87337	120.05	85340	116.31	87333	115.75	86339
127	507.9	4416.7	127	110.90	88059	103.40	87270	99.33	87339	93.17	87350	92.47	87352	90.31	87360
128	512.9	4416.7	128	108.36	88059	99.56	88003	95.84	85340	93.68	87270	91.78	87352	88.41	87339
129	517.9	4416.7	129	91.42	87352	90.80	88003	90.26	88059	87.96	87339	86.99	87360	86.39	87325
130	522.9	4416.7	130	96.68	87360	94.46	88003	85.56	85340	83.53	87325	81.92	88064	79.53	87339
131	527.9	4416.7	131	83.65	87360	83.37	88003	75.43	87325	72.02	87339	69.96	86107	69.33	85340
132	532.9	4416.7	132	80.13	87360	78.57	88003	70.89	87325	69.26	86107	67.07	88064	65.66	85340
133	537.9	4416.7	133	78.67	88003	78.06	87360	68.72	86107	64.71	87325	64.08	88064	62.64	88029
134	542.9	4416.7	134	73.63	88003	70.10	87360	67.32	86107	61.91	85015	60.85	88064	60.09	88029
135	547.9	4416.7	135	69.71	88003	66.63	86107	63.73	87360	60.04	85015	58.32	86329	58.20	88029
136	477.9	4421.7	136	108.92	88059	108.02	85360	107.40	88047	100.51	85070	90.56	87270	87.70	86339
137	482.9	4421.7	137	100.90	85360	100.47	88059	99.51	88047	98.36	85070	96.59	89014	90.47	87333
138	487.9	4421.7	138	114.36	88059	107.19	85360	102.26	88047	95.62	87270	93.51	85070	92.31	86339
139	492.9	4421.7	139	119.06	88059	103.98	87270	101.53	87351	99.59	88047	99.23	85360	95.71	87337
140	497.9	4421.7	140	131.47	88059	105.76	87270	98.38	86339	97.56	86345	96.86	88047	96.75	87351
141	502.9	4421.7	141	130.45	88059	111.74	87270	102.84	89004	102.30	87333	101.44	87337	98.99	85340
142	507.9	4421.7	142	113.44	88059	106.26	87270	96.61	87352	94.20	86345	93.88	85340	93.87	87333
143	512.9	4421.7	143	110.76	88059	97.12	87270	92.86	85340	92.03	87339	89.86	87360	89.00	87352
144	517.9	4421.7	144	90.81	88003	89.89	87360	88.89	88059	85.12	87352	84.22	85340	83.34	87325
145	522.9	4421.7	145	84.16	88003	83.66	87325	82.77	87360	79.14	87339	78.82	85340	74.57	88059
146	527.9	4421.7	146	91.38	87360	88.03	88003	77.20	87325	75.75	88064	75.27	85340	69.32	87339
147	532.9	4421.7	147	80.63	88003	79.43	87360	73.13	87325	69.23	86107	66.52	88064	65.23	85364

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
148	537.9	4421.7	148	78.18	88003	76.35	87360	68.13	86107	67.90	87325	65.80	88064	63.16	85340
149	542.9	4421.7	149	77.72	88003	72.67	87360	67.53	86107	63.53	88064	63.14	87325	61.90	88029
150	547.9	4421.7	150	70.63	88003	67.18	87360	66.44	86107	60.53	88029	60.17	88064	58.87	85015
151	477.9	4426.7	151	104.64	85360	99.54	88059	96.75	85070	86.36	87270	85.58	88047	84.38	89014
152	482.9	4426.7	152	110.74	85360	102.22	88059	93.43	87333	90.58	87337	90.45	89014	87.79	85070
153	487.9	4426.7	153	110.85	88059	97.22	85360	94.00	87270	88.76	86339	86.85	87337	86.52	88047
154	492.9	4426.7	154	109.18	88059	99.43	87270	89.03	87351	87.70	87337	86.80	87333	86.15	88047
155	497.9	4426.7	155	124.50	88059	100.42	87270	92.56	87353	91.98	87337	87.42	86339	86.89	86345
156	502.9	4426.7	156	125.99	88059	110.22	87270	99.48	87333	96.14	89004	91.98	87337	90.25	86345
157	507.9	4426.7	157	102.80	88059	97.01	87270	90.73	86345	88.44	86355	88.38	87352	86.75	87339
158	512.9	4426.7	158	107.45	88059	95.46	87270	85.30	85340	83.72	87339	83.42	87360	82.02	86355
159	517.9	4426.7	159	88.50	88059	83.10	87360	82.43	87339	81.58	87270	81.42	85340	80.08	87325
160	522.9	4426.7	160	87.84	87360	83.90	88003	80.06	87325	77.70	87339	76.52	85340	73.40	87270
161	527.9	4426.7	161	80.40	87360	78.76	88003	78.74	87325	74.06	85340	70.35	87339	69.73	88064
162	532.9	4426.7	162	89.15	87360	86.25	88003	73.19	88064	71.57	87325	70.79	85340	65.85	86107
163	537.9	4426.7	163	79.71	88003	77.04	87360	71.32	87325	68.17	86107	66.01	88064	64.36	85364
164	542.9	4426.7	164	76.85	88003	74.90	87360	67.48	86107	66.07	87325	65.25	88064	62.46	88029
165	547.9	4426.7	165	76.79	88003	70.79	87360	67.03	86107	63.18	88064	62.42	88029	61.35	87325
1ADAM	505.5	4408.4	166	129.99	88059	117.81	87270	114.60	88003	114.31	86355	112.74	85340	112.36	87352
2ARVA	492.6	4405.6	167	132.47	88047	122.87	88059	115.18	85040	110.29	87270	109.27	88016	107.82	85360
3AURO	511.0	4399.0	168	115.14	88003	110.44	88064	107.52	88059	104.37	86107	103.81	86068	103.75	87352
414ST	500.7	4398.8	169	149.86	88064	143.63	88003	137.94	88059	136.41	88047	135.60	86107	134.78	87352
5CAMP	501.1	4399.9	170	145.92	88064	144.85	88003	141.71	88059	138.36	87352	132.79	87327	132.55	86107
6SBDY	501.9	4393.1	171	151.83	88064	145.77	88003	137.85	85007	125.76	87327	123.96	87352	122.95	87350
7ENGL	501.0	4386.3	172	143.71	88064	140.81	85007	138.65	86107	128.86	88003	120.18	85326	116.21	87352
8GOLD	480.8	4400.6	173	130.33	85040	129.61	88047	111.39	85070	105.01	88016	104.38	85270	95.06	88059
9LAKE	490.8	4395.6	174	134.52	88047	132.75	88064	131.18	85040	115.28	85270	107.80	88291	103.74	88016
10WELB	504.3	4409.7	175	123.05	88059	115.02	86355	109.64	87352	109.44	87270	108.21	87339	103.82	87333
11AURA	499.5	4399.4	176	135.99	88064	131.12	88047	130.97	88059	127.65	88003	126.94	85040	117.44	87352
12DWP1	505.5	4408.4	177	125.97	88059	115.92	87270	114.18	88003	113.74	87352	110.47	85340	107.47	87351
13DWP2	504.3	4409.7	178	121.48	88059	107.24	87352	106.70	88047	106.41	87339	105.13	87270	104.11	87337
361	482.9	4381.7	179	112.97	88064	110.32	85040	99.23	85270	95.39	88291	92.48	86284	90.55	89288
362	483.9	4381.7	180	118.63	88064	109.79	85040	99.51	85270	96.46	88291	94.07	86284	92.73	89288
363	484.9	4381.7	181	124.48	88064	110.37	85040	100.03	85270	98.07	88291	93.02	86284	91.86	89288
364	485.9	4381.7	182	120.60	88064	110.97	85040	102.97	85270	97.02	88291	95.49	89288	91.87	88047
365	486.9	4381.7	183	123.72	88064	112.25	85040	105.98	85270	100.77	89288	98.87	86107	96.78	88291
366	487.9	4381.7	184	126.01	88064	112.77	85040	106.49	85270	99.66	89288	98.77	86107	95.21	88291
367	488.9	4381.7	185	124.14	88064	112.51	85040	107.45	85270	102.97	89288	99.82	86107	95.02	88291
368	489.9	4381.7	186	126.02	88064	111.70	85040	107.72	85270	106.38	86107	105.69	89288	93.29	88291
369	490.9	4381.7	187	130.22	88064	108.06	85270	107.98	89288	107.23	85040	100.24	86107	95.87	89344
370	491.9	4381.7	188	132.37	88064	110.35	85270	109.97	89288	106.75	85040	104.97	86107	95.98	89344
371	492.9	4381.7	189	136.46	88064	115.84	86107	109.96	89288	108.18	85270	105.07	85040	99.10	89024
372	493.9	4381.7	190	135.12	88064	111.85	89288	106.89	85270	106.22	86107	104.44	85040	97.43	89024
373	494.9	4381.7	191	134.79	88064	112.27	89288	109.58	86107	108.68	85270	102.32	85040	97.14	89344
374	495.9	4381.7	192	134.63	88064	113.79	89288	112.35	85270	105.51	86107	102.07	85040	101.12	89344
375	496.9	4381.7	193	132.47	88064	114.66	86107	111.83	85270	111.82	89288	102.89	85040	99.01	85007
376	497.9	4381.7	194	135.09	88064	118.29	89288	113.78	86107	110.64	85270	105.31	85007	101.69	88003
377	498.9	4381.7	195	131.33	88064	117.76	86107	117.41	89288	113.61	85270	111.77	88003	110.24	85007
378	499.9	4381.7	196	136.20	88064	129.42	86107	117.96	89288	114.99	85007	111.45	88003	107.17	85270
379	500.9	4381.7	197	134.43	86107	132.54	88064	129.25	85007	119.75	88003	115.85	89288	111.58	85326
380	501.9	4381.7	198	139.46	88064	126.36	85007	123.66	88003	115.34	89288	112.05	85326	108.57	86107

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
381	502.9	4381.7	199	139.79	88064	122.78	88003	116.59	85007	115.91	85326	115.91	86107	112.56	89288
382	503.9	4381.7	200	141.89	88064	128.59	88003	113.31	85326	113.17	85007	112.03	89288	107.92	86107
383	504.9	4381.7	201	136.58	88064	122.63	88003	121.18	86107	115.04	85326	110.11	85007	108.07	85270
384	505.9	4381.7	202	133.96	88064	124.89	88003	117.73	85007	116.19	85326	111.13	86107	109.83	89288
385	506.9	4381.7	203	135.87	88064	127.66	88003	117.38	85326	115.02	85007	112.02	86107	107.89	89288
386	507.9	4381.7	204	134.49	88064	126.67	88003	120.93	85007	119.97	85326	115.24	86107	112.67	89288
387	508.9	4381.7	205	137.97	88003	133.50	88064	130.38	85007	124.55	85326	116.02	87352	113.34	86107
388	509.9	4381.7	206	144.79	88003	131.43	88064	130.28	85007	125.02	85326	119.64	89051	114.90	87352
389	510.9	4381.7	207	136.43	88003	117.93	85326	117.47	85007	115.10	88064	113.33	88340	113.04	89051
390	511.9	4381.7	208	115.40	88003	108.81	88064	107.86	85326	99.24	85007	98.62	89051	98.16	88354
391	512.9	4381.7	209	110.15	88003	103.53	88064	103.37	85326	102.86	86107	98.03	86068	95.95	85007
432	482.9	4382.7	210	112.74	85040	111.70	88064	100.67	85270	96.76	88291	94.01	86284	93.10	88047
433	483.9	4382.7	211	118.22	88064	112.86	85040	101.76	85270	97.02	88291	96.11	86284	94.86	88047
434	484.9	4382.7	212	123.99	88064	112.85	85040	101.89	85270	98.24	88291	96.29	86284	95.07	88047
435	485.9	4382.7	213	122.41	88064	113.34	85040	105.09	85270	99.84	88291	95.89	88047	94.78	89288
436	486.9	4382.7	214	125.04	88064	116.40	85040	107.83	85270	101.78	88291	99.69	88047	99.54	89288
437	487.9	4382.7	215	129.28	88064	114.66	85040	107.99	85270	101.65	86107	100.74	89288	99.20	88291
438	488.9	4382.7	216	126.64	88064	113.30	85040	109.21	85270	102.52	89288	99.60	86107	97.40	88291
439	489.9	4382.7	217	126.70	88064	113.31	85040	110.12	85270	107.21	86107	103.92	89288	96.96	88291
440	490.9	4382.7	218	130.89	88064	112.32	85040	110.68	85270	108.06	89288	100.47	86107	96.13	85007
441	491.9	4382.7	219	132.42	88064	112.17	85270	110.28	89288	108.63	85040	103.40	86107	99.51	89344
442	492.9	4382.7	220	135.73	88064	114.84	86107	109.94	85270	108.26	89288	106.25	85040	99.97	85007
443	493.9	4382.7	221	134.36	88064	111.45	89288	107.79	85270	104.37	86107	102.31	85040	101.06	89024
444	494.9	4382.7	222	136.69	88064	111.06	89288	108.78	86107	108.33	85270	102.03	85040	96.77	89024
445	495.9	4382.7	223	136.43	88064	115.63	89288	112.01	85270	105.64	86107	100.70	89344	99.96	85040
446	496.9	4382.7	224	134.66	88064	115.50	86107	113.22	89288	112.55	85270	101.40	85040	100.59	89344
447	497.9	4382.7	225	138.25	88064	117.62	89288	111.98	85270	111.63	86107	107.92	85007	102.06	88003
448	498.9	4382.7	226	132.77	88064	118.28	86107	118.13	89288	114.18	85270	112.57	88003	112.13	85007
449	499.9	4382.7	227	137.31	88064	127.04	86107	118.27	85007	117.12	89288	113.48	88003	107.89	85270
450	500.9	4382.7	228	135.07	86107	135.05	88064	132.89	85007	121.02	88003	116.20	89288	112.72	85326
451	501.9	4382.7	229	139.64	88064	129.31	85007	127.06	88003	115.39	89288	113.39	85326	108.36	85270
452	502.9	4382.7	230	139.58	88064	124.99	88003	120.00	85007	117.14	85326	114.04	86107	112.79	89288
453	503.9	4382.7	231	143.36	88064	130.27	88003	115.25	85007	114.11	85326	110.73	89288	109.50	85270
454	504.9	4382.7	232	135.08	88064	125.01	88003	117.41	86107	115.18	85326	114.75	85007	108.63	85270
455	505.9	4382.7	233	136.75	88064	126.47	88003	119.52	85007	116.21	85326	111.07	89288	109.73	86107
456	506.9	4382.7	234	136.08	88064	129.31	88003	117.99	85326	117.84	85007	111.38	86107	108.53	87352
457	507.9	4382.7	235	136.57	88064	131.21	88003	125.74	85007	121.94	85326	114.13	86107	113.78	89288
458	508.9	4382.7	236	145.37	85007	145.29	88003	141.10	88064	130.59	85326	124.37	87352	118.72	87356
459	509.9	4382.7	237	158.86	88003	142.34	85007	134.13	88064	131.71	85326	128.67	89051	128.19	87352
460	510.9	4382.7	238	131.55	88003	115.73	85007	115.66	88064	115.42	85326	109.87	89051	108.68	88340
461	511.9	4382.7	239	113.11	88003	108.60	88064	107.98	85326	104.28	85007	103.63	86068	98.30	89051
462	512.9	4382.7	240	109.87	88003	105.42	85326	103.29	88064	100.84	86068	99.53	85007	99.25	86107
503	482.9	4383.7	241	114.49	88064	114.25	85040	101.55	85270	96.52	88291	96.13	88047	92.37	86284
504	483.9	4383.7	242	118.65	88064	114.63	85040	103.98	85270	97.20	88291	97.17	88047	95.04	86284
505	484.9	4383.7	243	124.86	88064	115.87	85040	103.04	85270	98.75	88291	98.49	88047	96.74	86284
506	485.9	4383.7	244	123.65	88064	115.93	85040	106.40	85270	100.01	88047	99.79	88291	97.66	86284
507	486.9	4383.7	245	127.94	88064	118.12	85040	108.68	85270	104.10	88047	102.67	88291	99.58	86107
508	487.9	4383.7	246	130.24	88064	117.14	85040	108.18	85270	102.81	88291	102.68	88047	101.30	86107
509	488.9	4383.7	247	130.34	88064	117.01	85040	110.81	85270	103.59	88047	103.55	89288	102.91	86107
510	489.9	4383.7	248	129.07	88064	116.69	85040	111.71	85270	108.15	86107	102.58	88047	102.32	89288
511	490.9	4383.7	249	129.74	88064	116.54	85040	112.02	85270	105.87	89288	101.30	86107	99.41	88047

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
512	491.9	4383.7	250	133.53	88064	115.77	85040	112.17	85270	109.62	89288	103.81	86107	102.91	89344
513	492.9	4383.7	251	132.87	88064	113.76	86107	112.09	85270	112.07	85040	107.07	89288	101.04	85007
514	493.9	4383.7	252	134.11	88064	110.75	89288	108.72	85270	107.80	85040	104.10	86107	97.15	85007
515	494.9	4383.7	253	138.19	88064	112.06	86107	111.92	89288	110.57	85270	108.57	85040	104.36	89024
516	495.9	4383.7	254	138.78	88064	115.32	89288	113.95	85270	107.77	85040	106.71	86107	102.29	89344
517	496.9	4383.7	255	137.35	88064	118.99	86107	117.42	85270	115.99	89288	106.71	85040	106.17	89344
518	497.9	4383.7	256	141.15	88064	118.31	89288	115.54	85270	113.71	85007	113.49	86107	106.22	85040
519	498.9	4383.7	257	137.01	88064	119.18	86107	119.17	89288	115.24	85270	114.56	85007	114.30	88003
520	499.9	4383.7	258	138.52	88064	128.61	86107	121.84	85007	116.75	89288	115.22	88003	111.35	85270
521	500.9	4383.7	259	138.51	88064	136.65	86107	134.95	85007	120.86	88003	115.92	89288	113.63	85326
522	501.9	4383.7	260	141.44	88064	127.77	88003	126.05	85007	113.87	85326	113.39	89288	108.53	86107
523	502.9	4383.7	261	137.94	88064	122.43	88003	115.19	85007	114.59	86107	114.56	85326	110.06	89288
524	503.9	4383.7	262	144.15	88064	128.19	88003	113.15	85326	111.48	85007	109.26	89288	108.79	85270
525	504.9	4383.7	263	130.02	88064	122.51	88003	117.05	86107	113.05	85326	110.10	85007	107.67	85270
526	505.9	4383.7	264	135.05	88064	123.89	88003	114.17	85326	114.11	85007	108.45	89288	108.31	85270
527	506.9	4383.7	265	134.94	88064	128.38	88003	117.07	85326	115.69	85007	113.88	86107	108.56	87352
528	507.9	4383.7	266	139.11	88064	134.34	88003	126.73	85007	124.12	85326	118.46	86107	116.69	87352
529	508.9	4383.7	267	153.15	88003	148.23	85007	145.93	88064	137.08	85326	133.16	87352	125.61	87356
530	509.9	4383.7	268	162.05	88003	137.49	85007	136.01	88340	132.75	87352	131.11	88064	128.01	85326
531	510.9	4383.7	269	119.86	88003	113.57	88064	111.00	85326	104.94	85007	103.26	86068	101.98	86107
532	511.9	4383.7	270	111.94	88003	106.67	88064	105.12	85326	101.34	86068	99.66	85007	95.53	86107
533	512.9	4383.7	271	107.57	88003	104.09	86107	103.37	85326	102.97	88064	100.15	86068	96.55	85007
534	513.9	4383.7	272	121.71	85040	116.08	88064	104.44	85270	97.85	88291	96.88	88047	94.09	86284
535	514.9	4383.7	273	120.96	85040	119.03	88064	106.88	85270	97.95	88291	97.33	88047	95.17	86284
536	515.9	4383.7	274	124.50	88064	121.74	85040	105.77	85270	97.74	88047	97.56	88291	94.67	86284
537	516.9	4383.7	275	123.80	88064	122.73	85040	108.10	85270	100.65	88047	99.74	88291	95.81	86284
538	517.9	4383.7	276	133.11	88064	124.10	85040	109.87	85270	104.58	88047	102.47	88291	99.67	86107
539	518.9	4383.7	277	129.18	88064	118.94	85040	108.03	85270	104.17	88047	102.00	86107	100.14	88291
540	519.9	4383.7	278	132.76	88064	119.59	85040	110.44	85270	107.07	88047	102.62	88291	100.78	86107
541	520.9	4383.7	279	132.25	88064	117.63	85040	110.72	85270	107.97	86107	105.80	88047	101.42	89288
542	521.9	4383.7	280	129.33	88064	116.90	85040	110.61	85270	103.20	88047	102.58	89288	100.87	86107
543	522.9	4383.7	281	130.19	88064	117.86	85040	111.44	85270	106.57	89288	103.46	86107	103.12	88047
544	523.9	4383.7	282	128.72	88064	113.25	86107	112.64	85040	111.24	85270	105.26	89288	99.52	88047
545	524.9	4383.7	283	131.59	88064	112.08	85040	109.29	85270	108.80	89288	101.58	86107	98.12	88291
546	525.9	4383.7	284	135.59	88064	111.51	86107	109.85	89288	109.29	85040	108.95	85270	97.09	88291
547	526.9	4383.7	285	137.78	88064	112.46	85270	112.06	89288	110.90	85040	105.99	86107	101.77	89024
548	527.9	4383.7	286	138.37	88064	121.89	86107	120.13	85270	116.61	89288	109.05	85040	107.94	89344
549	528.9	4383.7	287	144.20	88064	120.88	89288	119.71	85007	119.17	85270	118.70	86107	118.07	87356
550	529.9	4383.7	288	140.35	88064	123.10	86107	122.35	85007	121.89	89288	120.33	88003	118.62	85270
551	530.9	4383.7	289	141.59	88064	130.44	86107	129.17	85007	120.62	88003	117.44	89288	115.91	85270
552	531.9	4383.7	290	141.44	88064	140.62	86107	138.48	85007	122.89	88003	116.22	85326	116.06	89288
553	532.9	4383.7	291	143.10	88064	127.27	88003	126.35	85007	114.06	85326	112.79	89288	110.49	86107
554	533.9	4383.7	292	139.46	88064	120.48	88003	114.58	86107	113.25	85007	112.60	85326	109.07	85270
555	534.9	4383.7	293	144.14	88064	126.10	88003	112.73	85326	110.35	85007	108.93	85270	108.67	89288
556	535.9	4383.7	294	129.40	88064	118.56	88003	116.34	86107	111.89	85326	107.59	85007	106.74	85270
557	536.9	4383.7	295	132.94	88064	121.14	88003	111.22	85326	110.45	85007	108.06	85270	106.27	86107
558	537.9	4383.7	296	132.04	88064	125.40	88003	115.20	85326	112.71	86107	112.44	85007	108.00	85270
559	538.9	4383.7	297	140.96	88064	134.64	88003	127.52	85326	127.49	85007	121.19	86107	120.45	87352
560	539.9	4383.7	298	156.71	88003	142.18	88064	141.07	85007	136.41	85326	135.40	87352	130.99	88340
561	540.9	4383.7	299	144.62	88003	125.85	88064	121.74	87352	121.16	85007	118.13	85326	115.88	88340
562	541.9	4383.7	300	115.48	88003	112.59	88064	107.97	85326	100.87	85007	100.11	86068	100.01	86107

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
603	511.9	4384.7	301	107.58	88003	105.06	88064	101.02	85326	99.36	86068	96.35	85007	94.94	86107
604	512.9	4384.7	302	107.90	88003	103.66	86107	103.32	88064	100.58	85326	98.97	86068	94.77	85007
645	482.9	4385.7	303	125.83	85040	119.10	88064	108.17	85270	104.08	88047	101.24	88291	95.80	86284
646	483.9	4385.7	304	126.11	85040	122.61	88064	109.41	85270	106.03	88047	101.25	88291	95.33	86284
647	484.9	4385.7	305	123.67	88064	122.92	85040	110.07	85270	102.75	88047	98.90	88291	94.69	86284
648	485.9	4385.7	306	125.66	85040	123.65	88064	112.70	85270	105.62	88047	101.14	88291	98.33	86284
649	486.9	4385.7	307	130.99	88064	125.01	85040	111.55	85270	109.74	88047	102.46	88291	98.67	86284
650	487.9	4385.7	308	134.83	88064	120.39	85040	109.65	85270	107.59	88047	103.05	88291	101.43	86107
651	488.9	4385.7	309	133.31	88064	118.24	85040	111.15	85270	107.23	88047	99.98	86107	99.74	89288
652	489.9	4385.7	310	135.51	88064	117.12	85040	111.03	85270	107.76	86107	107.00	88047	100.92	89288
653	490.9	4385.7	311	133.08	88064	115.93	85040	111.02	85270	105.56	88047	101.62	89288	100.81	86107
654	491.9	4385.7	312	133.94	88064	117.23	85040	113.31	85270	106.86	88047	105.34	89288	103.25	86107
655	492.9	4385.7	313	126.78	88064	112.11	85040	110.58	86107	110.28	85270	102.86	89288	101.01	88047
656	493.9	4385.7	314	129.70	88064	108.54	85040	108.32	85270	105.65	89288	100.30	88047	98.19	86107
657	494.9	4385.7	315	133.47	88064	108.23	86107	108.09	89288	107.53	85270	107.20	85040	99.41	88047
658	495.9	4385.7	316	134.92	88064	111.73	89288	111.24	85270	107.99	85040	105.31	89024	104.52	86107
659	496.9	4385.7	317	139.39	88064	119.06	86107	118.55	85270	116.90	89288	110.16	85040	108.51	89024
660	497.9	4385.7	318	143.80	88064	118.13	89288	117.96	85270	114.75	88003	114.70	85007	114.42	85040
661	498.9	4385.7	319	140.87	88064	123.29	89288	123.25	86107	120.24	88003	120.07	85270	118.51	85007
662	499.9	4385.7	320	143.93	88064	134.51	85007	129.78	86107	127.68	88003	118.15	89288	116.57	85270
663	500.9	4385.7	321	142.98	88064	142.18	86107	138.88	85007	124.42	88003	117.79	85326	115.57	87352
664	501.9	4385.7	322	144.31	88064	130.94	88003	129.14	85007	114.53	85326	112.73	89288	112.19	86107
665	502.9	4385.7	323	137.75	88064	125.55	88003	117.94	85007	115.04	85326	114.46	86107	111.01	85270
666	503.9	4385.7	324	145.94	88064	127.95	88003	115.06	85007	114.70	85326	109.80	85270	108.57	89288
667	504.9	4385.7	325	132.22	88064	122.36	88003	118.48	86107	112.88	85007	112.40	85326	110.24	85270
668	505.9	4385.7	326	134.49	88064	123.73	88003	115.57	85007	112.34	85326	110.64	85270	107.32	86107
669	506.9	4385.7	327	135.77	88064	129.72	88003	120.89	85007	119.25	85326	112.88	86107	112.65	87352
670	507.9	4385.7	328	145.62	88064	143.64	88003	139.80	85007	136.00	85326	130.35	87352	121.45	87356
671	508.9	4385.7	329	160.39	88003	149.63	85007	142.54	88064	140.07	87352	139.47	88340	135.47	85326
672	509.9	4385.7	330	140.92	88003	130.11	85007	125.34	88064	121.89	87352	119.18	85326	116.11	86346
673	510.9	4385.7	331	114.18	88003	112.98	88064	107.06	85326	104.36	85007	101.72	86068	98.78	86107
674	511.9	4385.7	332	108.29	88003	105.90	88064	99.18	86068	99.02	85326	97.50	85007	94.49	89288
675	512.9	4385.7	333	104.64	88003	103.42	88064	102.51	86107	99.33	85326	98.39	86068	95.48	85007
716	482.9	4386.7	334	131.72	85040	118.55	88064	113.63	88047	109.41	85270	103.81	88291	98.08	89024
717	483.9	4386.7	335	126.65	85040	121.54	88064	112.80	88047	109.84	85270	101.68	88291	100.16	85007
718	484.9	4386.7	336	126.85	85040	123.30	88064	113.09	85270	109.40	88047	102.31	88291	95.59	86284
719	485.9	4386.7	337	130.50	85040	124.35	88064	113.62	88047	113.01	85270	102.70	88291	94.83	86284
720	486.9	4386.7	338	127.58	88064	125.49	85040	111.12	85270	108.16	88047	102.53	88291	97.52	86107
721	487.9	4386.7	339	130.37	88064	121.83	85040	110.86	85270	107.21	88047	101.65	88291	97.90	86107
722	488.9	4386.7	340	134.11	88064	120.02	85040	111.81	85270	106.92	88047	101.40	88291	99.53	86107
723	489.9	4386.7	341	136.14	88064	120.32	85040	112.81	85270	107.22	88047	105.85	86107	99.82	88291
724	490.9	4386.7	342	136.75	88064	116.72	85040	112.23	85270	106.64	88047	101.70	86107	99.66	89288
725	491.9	4386.7	343	137.66	88064	116.79	85040	113.33	85270	108.86	88047	103.47	86107	102.88	89288
726	492.9	4386.7	344	128.48	88064	114.23	85040	114.11	86107	109.86	85270	103.86	88047	103.16	89288
727	493.9	4386.7	345	129.60	88064	112.35	85040	110.69	85270	104.18	89288	101.02	88047	100.43	86107
728	494.9	4386.7	346	134.45	88064	112.42	85040	110.10	85270	107.87	86107	106.30	89288	102.36	88047
729	495.9	4386.7	347	137.68	88064	112.55	89288	111.93	85040	111.19	85270	104.84	88047	104.13	86107
730	496.9	4386.7	348	138.86	88064	122.30	86107	119.42	89024	117.40	85270	115.41	89288	114.42	85040
731	497.9	4386.7	349	141.15	88064	117.05	89288	116.73	85270	113.38	86107	112.98	85040	112.71	88003
732	498.9	4386.7	350	139.93	88064	124.33	89288	121.66	86107	119.80	85270	117.07	87356	115.24	85007
733	499.9	4386.7	351	144.50	88064	138.42	85007	131.04	88003	129.85	86107	117.61	89288	116.41	85270

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
734	500.9	4386.7	352	143.17	88064	142.50	86107	132.89	85007	122.90	88003	117.58	85326	113.34	89288
735	501.9	4386.7	353	143.18	88064	130.88	88003	125.40	85007	114.11	85326	113.16	86107	110.68	89288
736	502.9	4386.7	354	138.57	88064	126.06	88003	114.95	85007	114.91	85326	114.72	86107	108.88	89288
737	503.9	4386.7	355	141.53	88064	125.93	88003	112.18	85326	111.54	85007	108.62	85270	107.73	86107
738	504.9	4386.7	356	129.06	88064	122.86	88003	119.87	86107	111.51	85326	109.99	85007	109.90	85270
739	505.9	4386.7	357	134.19	88064	125.98	88003	113.45	85007	113.20	85326	110.83	85270	107.04	86107
740	506.9	4386.7	358	139.28	88064	133.14	88003	122.70	85326	122.55	85007	117.76	87352	115.96	85270
741	507.9	4386.7	359	151.89	88003	146.75	88064	139.24	85007	137.54	85326	137.32	87352	126.16	87314
742	508.9	4386.7	360	159.35	88003	145.37	85007	144.09	88340	142.90	87352	142.55	88064	132.65	85326
743	509.9	4386.7	361	144.43	88003	128.55	85007	127.06	88064	125.23	87352	121.50	86346	116.81	85326
744	510.9	4386.7	362	112.90	88003	112.03	88064	104.61	85326	104.10	86107	102.64	85007	100.61	86068
745	511.9	4386.7	363	109.64	88003	107.13	88064	99.78	86068	98.14	85326	97.68	86107	95.16	85007
746	512.9	4386.7	364	107.35	86107	106.80	88003	104.75	88064	101.12	86068	99.47	85326	95.12	85007
787	482.9	4387.7	365	137.01	85040	116.34	88064	113.85	88047	111.42	85270	108.60	88291	91.55	87314
788	483.9	4387.7	366	128.77	85040	121.96	88064	111.50	88047	106.85	85270	104.40	88291	94.45	89288
789	484.9	4387.7	367	130.39	85040	120.06	88064	112.93	88047	111.57	85270	103.85	88291	93.85	86284
790	485.9	4387.7	368	128.95	85040	117.73	88064	110.77	88047	109.22	85270	103.24	88291	90.32	86284
791	486.9	4387.7	369	126.63	85040	119.95	88064	109.30	85270	108.17	88047	100.47	88291	94.84	86107
792	487.9	4387.7	370	126.04	88064	124.02	85040	110.10	85270	107.49	88047	100.89	88291	95.67	86107
793	488.9	4387.7	371	131.59	88064	124.11	85040	111.61	85270	108.55	88047	101.90	88291	97.60	89288
794	489.9	4387.7	372	134.22	88064	123.38	85040	113.97	85270	109.24	88047	104.70	86107	100.30	88291
795	490.9	4387.7	373	135.05	88064	121.34	85040	113.15	85270	106.93	88047	97.98	88291	97.89	86107
796	491.9	4387.7	374	137.84	88064	118.16	85040	114.55	85270	107.37	88047	99.28	89288	97.72	86107
797	492.9	4387.7	375	134.27	88064	115.00	85040	114.64	86107	113.45	85270	107.86	88047	102.67	89288
798	493.9	4387.7	376	134.43	88064	114.95	85040	111.50	85270	108.16	88047	104.18	89288	102.55	86107
799	494.9	4387.7	377	136.24	88064	113.82	85040	113.21	85270	109.83	86107	109.57	88047	104.98	89288
800	495.9	4387.7	378	138.45	88064	115.23	85040	113.20	85270	109.31	88047	109.03	89288	102.39	88003
801	496.9	4387.7	379	138.56	88064	119.84	86107	116.67	85270	114.64	89288	114.42	85040	110.61	88047
802	497.9	4387.7	380	142.33	88064	129.11	89024	120.92	85270	118.85	89288	118.44	86107	112.91	85040
803	498.9	4387.7	381	143.00	88064	132.24	87356	128.78	89288	127.92	85007	123.07	86107	122.04	85270
804	499.9	4387.7	382	151.40	85007	150.66	88064	135.26	88003	130.35	86107	126.26	87352	120.27	85326
805	500.9	4387.7	383	141.86	88064	141.62	86107	130.80	85007	125.44	88003	117.02	85326	112.73	89288
806	501.9	4387.7	384	143.84	88064	130.21	88003	124.95	85007	115.71	85326	111.82	86107	110.55	89288
807	502.9	4387.7	385	140.17	88064	123.63	88003	115.72	86107	115.00	85007	113.14	85326	108.22	85270
808	503.9	4387.7	386	139.08	88064	123.58	88003	112.54	85326	111.79	85007	108.28	85270	106.24	86107
809	504.9	4387.7	387	129.83	88064	121.99	88003	117.99	86107	112.24	85326	111.44	85007	109.68	85270
810	505.9	4387.7	388	131.59	88064	126.22	88003	118.69	85007	114.98	85326	109.42	85270	106.04	87352
811	506.9	4387.7	389	139.69	88064	137.32	88003	127.06	85007	126.28	85326	122.73	87352	117.37	85270
812	507.9	4387.7	390	151.21	88003	140.03	88340	137.54	88064	136.00	87352	129.21	85326	128.60	85007
813	508.9	4387.7	391	138.10	88003	133.06	88064	124.03	87352	119.14	85326	116.53	88059	116.11	88340
814	509.9	4387.7	392	134.77	88003	127.14	88064	119.33	85007	118.85	87352	112.14	85326	110.17	86107
815	510.9	4387.7	393	120.59	88003	116.67	88064	113.09	85007	109.07	86068	107.47	85326	107.31	86107
816	511.9	4387.7	394	116.03	88003	109.69	88064	107.76	86068	102.63	85007	101.66	85326	96.72	86107
817	512.9	4387.7	395	110.38	88003	107.13	88064	103.85	86107	101.61	86068	99.05	85326	95.46	85007
858	482.9	4388.7	396	125.10	85040	117.76	88047	113.84	88064	104.85	88291	103.78	85270	93.41	86284
859	483.9	4388.7	397	126.32	85040	121.69	88064	118.50	88047	107.00	85270	105.05	88291	94.29	86284
860	484.9	4388.7	398	126.14	85040	119.28	88064	116.63	88047	107.38	85270	101.72	88291	91.69	86284
861	485.9	4388.7	399	122.69	85040	112.27	88064	112.23	88047	105.29	85270	99.62	88291	89.60	86284
862	486.9	4388.7	400	122.08	85040	114.77	88064	112.24	88047	105.48	85270	99.72	88291	90.51	86107
863	487.9	4388.7	401	124.96	85040	118.67	88064	114.15	88047	107.42	85270	99.70	88291	92.33	86107
864	488.9	4388.7	402	125.63	85040	124.83	88064	115.51	88047	110.01	85270	100.40	88291	95.55	89288

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
865	489.9	4388.7	403	133.36	88064	125.97	85040	116.77	88047	114.49	85270	103.90	86107	103.26	88291
866	490.9	4388.7	404	132.16	88064	123.36	85040	114.05	88047	113.75	85270	100.62	89024	100.22	89288
867	491.9	4388.7	405	135.98	88064	125.03	85040	116.54	85270	114.99	88047	100.59	89024	99.62	89288
868	492.9	4388.7	406	136.63	88064	125.75	85040	119.08	88047	118.79	85270	113.01	86107	103.64	89024
869	493.9	4388.7	407	141.84	88064	121.78	85040	116.87	85270	114.43	88047	108.31	88003	107.32	85007
870	494.9	4388.7	408	142.00	88064	119.84	85270	118.98	85040	115.56	88047	110.39	86107	105.55	89288
871	495.9	4388.7	409	143.91	88064	116.62	85270	115.27	85040	112.63	88047	108.36	88003	108.12	89288
872	496.9	4388.7	410	138.87	88064	119.46	85270	118.05	85040	116.63	88047	116.44	86107	113.97	89288
873	497.9	4388.7	411	143.95	88064	123.60	85270	120.05	89024	119.86	88003	119.09	85040	116.58	86107
874	498.9	4388.7	412	148.42	87356	147.55	88064	130.92	89288	126.87	85007	123.31	85270	122.89	89344
875	499.9	4388.7	413	153.55	88064	152.87	85007	138.85	88003	133.33	87352	129.35	86107	123.68	85326
876	500.9	4388.7	414	146.85	88064	144.37	86107	139.10	85007	134.18	88003	122.61	85326	117.23	87352
877	501.9	4388.7	415	148.78	88064	137.95	88003	137.10	85007	119.37	85326	117.02	86107	113.47	85270
878	502.9	4388.7	416	145.01	88064	132.72	88003	129.31	85007	118.98	86107	118.21	85326	111.10	85270
879	503.9	4388.7	417	140.49	88064	129.76	88003	123.00	85007	116.46	85326	109.51	85270	108.17	89051
880	504.9	4388.7	418	132.62	88064	129.04	88003	121.81	85007	119.46	86107	115.09	85326	111.36	85270
881	505.9	4388.7	419	136.29	88064	132.54	88003	131.71	85007	120.09	85326	114.95	87352	112.35	85270
882	506.9	4388.7	420	145.73	88003	141.55	88064	133.97	85007	130.81	87352	129.34	85326	116.75	88047
883	507.9	4388.7	421	146.94	88003	132.73	87352	129.69	88064	129.44	85007	127.68	88340	123.28	85326
884	508.9	4388.7	422	131.81	88003	125.01	88064	116.59	87352	114.54	85007	114.26	85326	107.41	88340
885	509.9	4388.7	423	125.24	88003	124.95	88064	113.48	85007	113.17	87352	110.37	86068	110.00	85326
886	510.9	4388.7	424	121.42	88064	120.72	88003	112.59	85007	111.08	86068	108.19	87352	107.08	85326
887	511.9	4388.7	425	124.35	88003	117.20	88064	114.81	85007	109.15	86068	106.19	85326	104.60	87352
888	512.9	4388.7	426	116.86	88003	109.99	88064	108.33	85007	107.70	86068	104.67	85326	102.83	86107
929	482.9	4389.7	427	126.46	85040	115.87	88047	113.49	88064	104.79	88291	104.20	85270	94.24	86284
930	483.9	4389.7	428	129.51	85040	122.63	88064	118.23	88047	107.15	88291	106.47	85270	94.48	86284
931	484.9	4389.7	429	126.32	85040	115.37	88064	112.18	88047	105.38	85270	103.64	88291	91.24	86284
932	485.9	4389.7	430	125.98	85040	113.21	88064	111.34	88047	105.19	85270	101.80	88291	89.40	86284
933	486.9	4389.7	431	126.53	85040	116.20	88064	110.86	88047	106.36	85270	100.58	88291	89.31	86284
934	487.9	4389.7	432	125.62	85040	115.22	88064	110.27	88047	107.73	85270	100.60	88291	92.62	86107
935	488.9	4389.7	433	128.93	85040	121.97	88064	112.98	88047	110.30	85270	102.38	88291	94.02	89288
936	489.9	4389.7	434	132.75	85040	128.72	88064	118.44	88047	112.76	85270	103.98	88291	100.79	86107
937	490.9	4389.7	435	130.95	88064	128.48	85040	117.96	88047	112.35	85270	102.42	88291	98.76	86107
938	491.9	4389.7	436	131.27	88064	128.07	85040	117.32	88047	114.28	85270	101.80	88291	97.99	89288
939	492.9	4389.7	437	131.78	88064	129.18	85040	121.19	88047	116.43	85270	111.01	86107	102.54	88291
940	493.9	4389.7	438	136.62	88064	126.52	85040	116.82	88047	113.26	85270	102.96	86107	102.53	88003
941	494.9	4389.7	439	137.02	88064	126.89	85040	117.62	85270	116.17	88047	110.15	86107	103.32	88003
942	495.9	4389.7	440	141.60	88064	121.75	85040	116.94	85270	113.98	88047	107.61	88003	104.86	89288
943	496.9	4389.7	441	140.39	88064	125.53	85040	121.67	85270	115.85	88047	115.68	86107	110.08	89288
944	497.9	4389.7	442	145.64	88064	125.37	85270	124.03	85040	116.59	88047	114.75	86107	114.53	88003
945	498.9	4389.7	443	195.41	89024	151.81	88064	136.72	86107	136.25	87356	130.86	88004	129.44	85270
946	499.9	4389.7	444	153.11	85007	152.78	88064	144.51	88003	134.88	86107	133.62	85326	133.33	87352
947	500.9	4389.7	445	147.88	88064	145.99	86107	137.58	88003	137.48	85007	121.18	85326	120.57	88047
948	501.9	4389.7	446	149.32	88064	135.13	88003	129.76	85007	121.01	86107	116.50	85326	114.45	88047
949	502.9	4389.7	447	148.19	88064	133.29	88003	123.32	85007	120.16	86107	117.55	85326	110.35	87352
950	503.9	4389.7	448	139.70	88064	131.07	88003	118.33	85007	114.83	85326	111.71	86107	107.95	88047
951	504.9	4389.7	449	132.22	88064	128.80	88003	123.61	86107	117.86	85007	116.52	85326	110.96	85270
952	505.9	4389.7	450	137.98	88003	136.74	88064	131.24	85007	121.91	85326	118.74	87352	113.18	86107
953	506.9	4389.7	451	145.93	88003	133.87	88064	132.51	87352	127.70	88340	124.96	85007	124.30	85326
954	507.9	4389.7	452	132.24	88003	124.62	88064	120.39	87352	115.19	85326	113.11	86107	109.79	85007
955	508.9	4389.7	453	128.12	88003	120.16	88064	110.23	87352	108.79	85326	105.78	86068	105.51	85007

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
956	509.9	4389.7	454	118.02	88064	114.82	88003	105.77	86068	105.23	87352	104.95	85326	103.51	86107
957	510.9	4389.7	455	118.60	88064	114.25	88003	107.56	86107	106.59	87352	106.26	86068	103.49	85326
958	511.9	4389.7	456	126.80	88003	120.47	88064	108.99	85007	107.98	87352	107.27	85326	107.06	86068
959	512.9	4389.7	457	119.28	88003	111.80	86107	111.35	88064	106.84	86068	104.21	85007	103.51	85326
1000	482.9	4390.7	458	124.50	85040	114.02	88047	113.91	88064	107.10	85270	101.51	88291	96.88	86284
1001	483.9	4390.7	459	131.48	85040	122.71	88064	120.84	88047	109.07	85270	106.51	88291	97.61	86284
1002	484.9	4390.7	460	128.93	85040	117.49	88047	116.55	88064	105.59	85270	104.54	88291	92.08	86284
1003	485.9	4390.7	461	128.29	85040	115.86	88047	113.66	88064	107.74	85270	104.82	88291	91.07	86284
1004	486.9	4390.7	462	127.82	85040	118.25	88064	115.13	88047	108.50	85270	104.35	88291	90.98	86284
1005	487.9	4390.7	463	129.07	85040	116.35	88064	114.81	88047	107.77	85270	102.47	88291	91.17	86107
1006	488.9	4390.7	464	130.10	85040	119.88	88064	118.29	88047	110.20	85270	102.84	88291	92.89	86107
1007	489.9	4390.7	465	131.22	85040	127.22	88064	121.24	88047	112.57	85270	104.69	88291	98.19	86107
1008	490.9	4390.7	466	128.91	88064	128.61	85040	119.01	88047	112.40	85270	104.54	88291	98.33	89288
1009	491.9	4390.7	467	130.48	88064	126.92	85040	116.53	88047	113.42	85270	102.55	88291	97.75	89288
1010	492.9	4390.7	468	127.79	88064	126.77	85040	117.69	88047	115.45	85270	108.40	86107	102.71	88291
1011	493.9	4390.7	469	135.42	88064	124.98	85040	115.27	85270	115.04	88047	102.13	88291	101.15	88003
1012	494.9	4390.7	470	135.58	88064	127.32	85040	118.89	85270	116.01	88047	107.81	86107	102.84	88003
1013	495.9	4390.7	471	135.85	88064	125.17	85040	120.84	85270	115.89	88047	110.23	88003	103.30	89288
1014	496.9	4390.7	472	137.28	88064	124.55	85040	124.22	85270	118.30	88047	110.79	86107	107.92	88003
1015	497.9	4390.7	473	135.85	88064	124.95	85270	122.23	85040	118.99	88047	113.01	88003	110.21	89288
1016	498.9	4390.7	474	160.98	86339	156.24	88064	151.46	87350	150.28	88059	149.87	85040	147.64	87359
1017	499.9	4390.7	475	156.25	88064	140.56	85007	137.14	86107	134.99	88003	134.73	87352	130.67	87327
1018	500.9	4390.7	476	150.69	88064	142.62	86107	137.88	88003	136.92	85007	119.91	87352	118.35	88047
1019	501.9	4390.7	477	150.19	88064	138.04	88003	132.78	85007	116.18	85326	115.94	86107	114.17	85270
1020	502.9	4390.7	478	151.65	88064	137.63	88003	127.44	85007	118.84	85326	117.46	86107	112.23	87352
1021	503.9	4390.7	479	142.19	88064	137.47	88003	126.07	85007	117.30	85326	110.25	87352	108.91	85270
1022	504.9	4390.7	480	135.56	88064	132.16	88003	126.84	85007	122.45	86107	120.80	85326	113.14	87352
1023	505.9	4390.7	481	145.53	88003	140.20	85007	139.43	88064	127.70	87352	124.11	85326	115.97	88021
1024	506.9	4390.7	482	145.45	88003	131.40	87352	129.38	88064	125.85	85007	120.08	88340	119.02	85326
1025	507.9	4390.7	483	129.32	88003	121.69	88064	114.11	87352	111.28	85007	110.87	85326	106.36	86068
1026	508.9	4390.7	484	125.31	88003	118.96	88064	109.74	85007	109.07	87352	107.44	85326	106.00	86068
1027	509.9	4390.7	485	117.53	88003	117.09	88064	105.77	86068	105.09	87352	103.87	85007	103.67	85326
1028	510.9	4390.7	486	118.83	88064	113.54	88003	109.73	87352	107.84	85007	105.56	86068	104.16	85326
1029	511.9	4390.7	487	128.67	88003	118.84	88064	110.29	85007	110.21	87352	109.94	86068	107.81	85326
1030	512.9	4390.7	488	117.61	88003	112.03	88064	107.79	86068	103.92	86107	101.38	85007	99.86	87352
1071	482.9	4391.7	489	126.13	85040	118.99	88047	117.59	88064	110.03	85270	99.26	88291	96.12	86284
1072	483.9	4391.7	490	129.62	85040	124.45	88064	122.95	88047	113.12	85270	103.79	88291	97.16	86284
1073	484.9	4391.7	491	127.27	85040	119.71	88064	118.66	88047	108.43	85270	103.89	88291	96.35	86284
1074	485.9	4391.7	492	127.43	85040	118.63	88047	116.01	88064	110.76	85270	106.67	88291	93.71	86284
1075	486.9	4391.7	493	127.15	85040	120.80	88047	119.70	88064	110.27	85270	105.38	88291	93.08	86284
1076	487.9	4391.7	494	125.62	85040	121.45	88047	120.89	88064	110.33	85270	105.16	88291	92.44	86107
1077	488.9	4391.7	495	127.98	85040	122.21	88047	121.86	88064	113.19	85270	105.88	88291	93.50	86107
1078	489.9	4391.7	496	128.83	85040	121.98	88064	121.89	88047	112.34	85270	104.53	88291	98.14	86107
1079	490.9	4391.7	497	127.82	88064	127.22	85040	119.95	88047	111.93	85270	106.31	88291	96.46	89288
1080	491.9	4391.7	498	129.91	88064	127.96	85040	117.70	88047	113.71	85270	106.92	88291	97.45	89288
1081	492.9	4391.7	499	130.55	85040	127.00	88064	119.65	88047	117.28	85270	108.57	86107	106.23	88291
1082	493.9	4391.7	500	135.25	88064	127.09	85040	117.77	88047	117.53	85270	103.56	88003	102.54	88291
1083	494.9	4391.7	501	135.49	88064	125.84	85040	120.33	88047	117.89	85270	108.87	86107	103.03	88291
1084	495.9	4391.7	502	136.32	88064	127.29	85040	120.03	88047	119.99	85270	109.62	88003	104.43	87352
1085	496.9	4391.7	503	138.10	88064	128.43	85040	123.36	88047	119.70	85270	113.91	88003	110.60	86107
1086	497.9	4391.7	504	138.18	88064	126.13	85040	125.95	85270	119.57	88047	115.04	88003	110.74	85007

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1087	498.9	4391.7	505	146.52	88064	136.17	85040	134.06	88059	131.57	88003	126.01	85270	124.98	87352
1088	499.9	4391.7	506	148.80	88064	137.48	87314	134.70	87352	127.33	85007	126.75	87350	125.43	85270
1089	500.9	4391.7	507	153.21	88064	141.90	86107	139.40	88003	136.52	85007	126.47	87327	122.93	87352
1090	501.9	4391.7	508	151.40	88064	140.19	88003	135.23	85007	117.39	85326	116.27	87352	116.20	87327
1091	502.9	4391.7	509	155.89	88064	140.74	88003	131.48	85007	120.71	85326	119.68	86107	119.68	87352
1092	503.9	4391.7	510	148.14	88064	145.73	88003	133.31	85007	121.00	85326	119.47	87352	114.32	85270
1093	504.9	4391.7	511	144.55	88064	143.54	88003	141.20	85007	129.25	86107	125.48	87352	124.74	85326
1094	505.9	4391.7	512	158.69	88003	145.68	85007	139.75	87352	138.65	88064	132.70	88340	130.28	87351
1095	506.9	4391.7	513	135.93	88003	126.61	88064	123.56	87352	116.98	85007	112.71	85326	111.63	86107
1096	507.9	4391.7	514	131.83	88003	121.14	88064	113.62	87352	110.56	85007	109.20	85326	106.25	86107
1097	508.9	4391.7	515	123.79	88003	114.60	88064	106.75	87352	105.05	85326	104.65	86068	104.11	88059
1098	509.9	4391.7	516	115.31	88064	111.86	88003	103.42	86068	103.31	87352	100.76	85326	99.88	88059
1099	510.9	4391.7	517	115.04	88064	114.92	88003	108.18	87352	104.85	86068	103.82	85326	101.49	85007
1100	511.9	4391.7	518	117.23	88003	113.01	88064	107.42	86068	104.80	87352	101.14	86329	100.75	85326
1101	512.9	4391.7	519	110.67	88003	110.65	88064	104.28	86107	103.33	86068	97.45	85007	96.57	87352
1142	482.9	4392.7	520	133.23	85040	119.55	88047	118.14	88064	111.87	85270	99.57	88291	96.18	88016
1143	483.9	4392.7	521	132.38	85040	122.85	88064	120.95	88047	115.10	85270	100.69	88291	96.30	88016
1144	484.9	4392.7	522	126.37	85040	119.47	88064	117.50	88047	111.25	85270	100.02	88291	95.08	88016
1145	485.9	4392.7	523	127.71	85040	119.76	88047	117.72	88064	111.29	85270	102.64	88291	93.28	88016
1146	486.9	4392.7	524	128.76	85040	122.43	88064	122.16	88047	112.00	85270	105.61	88291	95.38	88016
1147	487.9	4392.7	525	129.89	85040	124.04	88047	123.38	88064	111.82	85270	106.07	88291	95.11	88016
1148	488.9	4392.7	526	131.89	85040	125.56	88047	123.36	88064	113.74	85270	107.15	88291	97.87	87314
1149	489.9	4392.7	527	130.80	85040	123.63	88064	122.86	88047	113.52	85270	107.60	88291	99.55	86107
1150	490.9	4392.7	528	131.18	85040	126.86	88064	121.14	88047	113.38	85270	107.03	88291	96.92	86107
1151	491.9	4392.7	529	129.54	85040	126.84	88064	120.09	88047	113.83	85270	107.28	88291	97.73	86107
1152	492.9	4392.7	530	129.41	85040	127.15	88064	122.55	88047	115.94	85270	109.85	86107	106.25	88291
1153	493.9	4392.7	531	133.10	88064	127.90	85040	120.35	88047	114.26	85270	103.36	88003	103.09	88291
1154	494.9	4392.7	532	136.79	88064	129.19	85040	123.04	88047	114.06	85270	109.25	86107	103.51	88003
1155	495.9	4392.7	533	135.09	88064	127.69	85040	121.04	88047	117.23	85270	110.63	88003	105.82	88004
1156	496.9	4392.7	534	139.33	88064	132.10	85040	122.68	85270	121.63	88047	112.20	88003	111.16	86107
1157	497.9	4392.7	535	138.92	88064	123.09	85040	121.27	85270	120.10	88047	117.67	88003	110.00	87352
1158	498.9	4392.7	536	135.77	88064	123.20	85040	121.78	88059	120.72	88047	118.17	88003	117.06	85270
1159	499.9	4392.7	537	147.00	88064	127.51	87352	123.60	85270	123.46	89288	122.57	88047	120.45	85007
1160	500.9	4392.7	538	150.88	88064	139.33	86107	138.94	85007	136.18	88003	127.33	87352	123.04	87350
1161	501.9	4392.7	539	153.79	88064	144.89	88003	139.84	85007	127.18	87327	122.66	87352	122.18	86107
1162	502.9	4392.7	540	158.02	88064	146.20	88003	134.29	85007	126.08	87352	125.25	85326	124.54	87327
1163	503.9	4392.7	541	146.72	88064	146.63	88003	129.81	85007	122.72	87352	119.97	85326	118.30	87350
1164	504.9	4392.7	542	145.30	88003	144.14	88064	130.88	85007	129.14	87352	128.75	86107	123.62	87351
1165	505.9	4392.7	543	151.86	88003	136.61	87352	134.68	88064	133.76	85007	126.36	87351	114.96	88340
1166	506.9	4392.7	544	126.90	88003	123.35	88064	115.44	87352	109.29	86107	108.84	85326	108.16	85007
1167	507.9	4392.7	545	128.75	88003	120.18	88064	109.76	87352	107.68	86107	106.09	85326	105.92	85007
1168	508.9	4392.7	546	119.79	88003	114.25	88064	105.76	87352	104.64	86068	102.90	85326	101.96	86107
1169	509.9	4392.7	547	114.62	88064	111.94	88003	106.10	86068	102.95	87352	101.97	85326	99.65	86107
1170	510.9	4392.7	548	112.02	88003	111.78	88064	105.12	86068	104.25	87352	100.95	85326	100.89	86107
1171	511.9	4392.7	549	116.28	88003	109.52	88064	105.88	86068	102.88	87352	98.03	85326	96.93	86329
1172	512.9	4392.7	550	109.57	88064	107.99	88003	104.67	86107	102.34	86068	97.25	85326	96.83	87352
1213	482.9	4393.7	551	130.20	85040	120.11	88047	118.99	88064	112.59	85270	98.30	88016	97.97	88291
1214	483.9	4393.7	552	131.75	85040	123.04	88047	117.54	88064	111.80	85270	98.01	88291	95.00	88016
1215	484.9	4393.7	553	127.71	85040	121.70	88047	115.50	88064	111.26	85270	96.68	88291	92.70	88016
1216	485.9	4393.7	554	125.27	85040	120.87	88047	117.04	88064	111.52	85270	98.07	88291	92.00	88016
1217	486.9	4393.7	555	127.74	85040	123.99	88047	123.96	88064	114.87	85270	102.05	88291	94.02	86284

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1218	487.9	4393.7	556	127.77	85040	125.96	88064	122.97	88047	115.06	85270	103.78	88291	94.53	88016
1219	488.9	4393.7	557	130.10	85040	126.46	88064	124.98	88047	114.65	85270	106.40	88291	95.94	88016
1220	489.9	4393.7	558	130.14	85040	127.10	88064	124.79	88047	113.31	85270	106.99	88291	98.10	86107
1221	490.9	4393.7	559	130.02	85040	127.80	88064	124.75	88047	112.71	85270	108.05	88291	98.77	88016
1222	491.9	4393.7	560	128.13	85040	126.03	88064	124.34	88047	113.75	85270	107.45	88291	100.00	88016
1223	492.9	4393.7	561	129.23	88064	128.33	85040	126.68	88047	115.77	85270	108.47	86107	107.74	88291
1224	493.9	4393.7	562	135.70	88064	127.58	85040	124.53	88047	114.17	85270	108.65	88003	106.07	88291
1225	494.9	4393.7	563	135.25	88064	130.22	85040	122.42	88047	114.89	85270	107.54	86107	106.49	88291
1226	495.9	4393.7	564	135.67	88064	129.15	85040	120.37	88047	118.87	85270	111.11	88003	105.46	88291
1227	496.9	4393.7	565	138.69	88064	127.13	85040	123.18	85270	122.74	88047	110.09	86107	108.84	88059
1228	497.9	4393.7	566	136.80	88064	123.14	85040	122.32	88047	116.48	85270	116.18	88003	110.65	87352
1229	498.9	4393.7	567	134.88	88064	126.27	85040	123.57	88059	121.21	88047	119.11	88003	118.21	85270
1230	499.9	4393.7	568	145.84	88064	125.96	87352	125.69	88047	123.81	88003	123.63	85040	123.29	85270
1231	500.9	4393.7	569	151.10	88064	141.33	85007	140.03	86107	137.10	87350	136.18	88003	130.62	87352
1232	501.9	4393.7	570	153.38	88003	149.69	88064	146.89	85007	134.29	87352	129.20	87350	127.25	87327
1233	502.9	4393.7	571	154.48	88064	136.24	88003	119.56	86107	119.14	87327	118.43	85007	117.25	87352
1234	503.9	4393.7	572	140.28	88064	139.91	88003	118.69	85007	118.22	87352	113.56	85326	111.65	88047
1235	504.9	4393.7	573	138.95	88003	138.27	88064	124.83	87352	124.58	86107	122.25	85007	118.05	87351
1236	505.9	4393.7	574	144.32	88003	133.16	88064	130.55	87352	128.38	85007	114.38	87351	110.86	85326
1237	506.9	4393.7	575	127.97	88003	122.97	88064	110.27	87352	106.85	86107	106.70	85326	106.60	85007
1238	507.9	4393.7	576	126.31	88003	118.82	88064	108.80	87352	107.87	85007	105.80	86107	104.58	86068
1239	508.9	4393.7	577	120.13	88003	115.43	88064	108.80	86068	107.67	87352	104.50	85326	103.68	88059
1240	509.9	4393.7	578	114.78	88064	110.29	88003	106.33	86068	100.94	87352	100.33	85326	98.84	86107
1241	510.9	4393.7	579	110.25	88003	109.85	88064	104.96	87352	104.83	86068	100.83	85326	100.01	85270
1242	511.9	4393.7	580	116.10	88003	110.87	88064	105.68	86068	104.17	87352	99.07	85326	98.41	85007
1243	512.9	4393.7	581	108.77	88003	108.62	88064	102.91	86068	102.14	86107	99.62	87352	97.39	85326
1284	482.9	4394.7	582	136.59	85040	130.01	88047	121.62	88064	116.39	85270	103.83	87314	103.12	88016
1285	483.9	4394.7	583	127.79	85040	121.14	88047	116.87	88064	113.98	85270	95.84	88016	94.32	85007
1286	484.9	4394.7	584	126.29	85040	120.91	88047	113.41	85270	112.58	88064	95.71	88291	92.97	88016
1287	485.9	4394.7	585	129.01	85040	123.69	88047	117.13	88064	112.14	85270	97.05	88291	93.17	85070
1288	486.9	4394.7	586	128.97	85040	125.90	88047	122.69	88064	114.87	85270	99.02	88291	96.19	88016
1289	487.9	4394.7	587	129.63	85040	127.48	88064	126.45	88047	116.69	85270	101.19	88291	98.31	88016
1290	488.9	4394.7	588	128.46	85040	127.40	88064	125.88	88047	115.78	85270	102.61	88291	98.37	88016
1291	489.9	4394.7	589	129.14	88047	129.14	88064	128.26	85040	116.62	85270	107.50	88291	100.97	88016
1292	490.9	4394.7	590	131.79	88064	129.88	85040	129.80	88047	115.19	85270	108.58	88291	102.72	88016
1293	491.9	4394.7	591	130.12	88047	130.03	88064	129.37	85040	114.43	85270	108.80	88291	103.70	88016
1294	492.9	4394.7	592	133.94	85040	132.17	88064	132.04	88047	117.41	85270	111.98	88291	110.77	87314
1295	493.9	4394.7	593	136.34	88064	128.97	85040	126.95	88047	115.63	85270	111.56	88003	108.06	88291
1296	494.9	4394.7	594	136.29	88064	129.79	85040	125.69	88047	117.49	85270	107.50	88291	105.42	86107
1297	495.9	4394.7	595	136.42	88064	124.79	85040	123.69	88047	118.52	85270	108.46	88003	106.51	88291
1298	496.9	4394.7	596	137.21	88064	125.30	85040	125.08	88047	119.06	85270	109.91	86107	109.67	88003
1299	497.9	4394.7	597	134.39	88064	127.24	85040	122.86	88047	115.78	85270	114.77	88003	111.68	88059
1300	498.9	4394.7	598	136.27	88064	125.67	88059	124.77	88047	124.12	85040	117.68	85270	117.09	88003
1301	499.9	4394.7	599	142.97	88064	133.86	88047	131.98	87356	128.90	88059	126.35	88003	125.87	87314
1302	500.9	4394.7	600	149.46	88064	142.89	88003	138.45	85007	137.96	87352	135.90	86107	133.55	88047
1303	501.9	4394.7	601	145.31	88064	141.09	88003	136.26	85007	132.89	87352	124.18	87350	118.25	85326
1304	502.9	4394.7	602	148.06	88064	132.69	88003	125.15	85007	116.15	87352	114.97	85326	114.57	86107
1305	503.9	4394.7	603	140.11	88003	138.94	88064	119.83	85007	118.11	87352	110.86	87327	109.39	85326
1306	504.9	4394.7	604	137.73	88003	137.05	88064	125.94	87352	124.20	85007	121.29	86107	116.96	87351
1307	505.9	4394.7	605	144.60	88003	132.66	88064	128.72	87352	128.07	85007	111.14	85326	110.35	88340
1308	506.9	4394.7	606	127.21	88003	124.78	88064	110.57	87352	109.98	85007	107.11	86107	105.86	85326

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1309	507.9	4394.7	607	129.25	88003	118.22	88064	109.24	87352	107.59	86068	106.39	88059	105.82	85007
1310	508.9	4394.7	608	114.47	88003	113.24	88064	106.96	86068	103.09	88059	103.00	87352	100.72	85326
1311	509.9	4394.7	609	114.61	88064	110.38	88003	106.56	86068	100.59	87352	98.87	85326	97.97	86107
1312	510.9	4394.7	610	114.07	88003	108.87	88064	105.85	86068	104.74	87352	100.55	85326	99.04	85007
1313	511.9	4394.7	611	111.78	88003	108.87	88064	105.37	87352	103.50	86068	96.77	85326	95.66	85007
1314	512.9	4394.7	612	108.75	88064	105.47	88003	101.15	86107	101.12	86068	97.78	87352	95.87	85326
1355	482.9	4395.7	613	141.97	85040	139.02	88047	118.90	88064	116.21	85270	106.42	87314	106.36	88016
1356	483.9	4395.7	614	135.21	85040	125.12	88047	116.06	88064	113.73	85270	99.84	88016	96.32	87352
1357	484.9	4395.7	615	131.64	85040	123.06	88047	113.93	85270	111.93	88064	98.40	88016	94.92	85070
1358	485.9	4395.7	616	128.69	85040	121.96	88047	116.57	88064	115.27	85270	100.01	88016	96.14	85070
1359	486.9	4395.7	617	133.15	85040	128.32	88047	122.01	88064	117.34	85270	102.53	88016	100.61	88291
1360	487.9	4395.7	618	135.55	88047	134.78	85040	128.29	88064	118.66	85270	107.15	88016	103.21	87314
1361	488.9	4395.7	619	131.59	88047	129.76	85040	128.14	88064	116.61	85270	104.96	88016	101.69	88291
1362	489.9	4395.7	620	133.16	88047	131.70	85040	126.90	88064	115.92	85270	104.96	88291	103.69	88016
1363	490.9	4395.7	621	133.58	88047	132.92	88064	131.55	85040	114.37	85270	107.28	88291	102.67	88016
1364	491.9	4395.7	622	132.43	85040	131.31	88047	130.44	88064	114.53	85270	108.48	88291	102.74	88059
1365	492.9	4395.7	623	135.53	85040	135.18	88047	131.66	88064	118.79	85270	111.91	88059	110.68	88291
1366	493.9	4395.7	624	136.08	88064	130.29	88047	128.24	85040	117.60	85270	106.63	88291	105.80	88003
1367	494.9	4395.7	625	137.92	88064	131.04	88047	127.09	85040	120.49	85270	108.54	88291	107.74	86107
1368	495.9	4395.7	626	138.94	88064	129.47	88047	125.60	85040	116.48	85270	112.20	88003	108.77	88291
1369	496.9	4395.7	627	136.47	88064	129.47	88047	127.09	85040	116.62	85270	113.12	86107	111.73	89024
1370	497.9	4395.7	628	136.45	88064	130.62	88047	126.77	85040	118.91	88003	117.64	88059	115.89	85270
1371	498.9	4395.7	629	139.33	88064	134.63	88047	128.96	85040	128.74	88059	125.56	85007	120.16	85270
1372	499.9	4395.7	630	143.11	88064	138.58	88047	134.32	88003	133.61	88059	127.65	85007	126.56	87356
1373	500.9	4395.7	631	147.35	88064	139.45	86107	139.17	88003	135.32	85007	135.26	87352	127.80	88047
1374	501.9	4395.7	632	143.25	88064	140.30	88003	139.96	85007	131.53	87352	125.53	87350	123.46	88047
1375	502.9	4395.7	633	148.38	88064	135.30	88003	129.25	85007	125.04	87352	116.09	88047	115.81	85326
1376	503.9	4395.7	634	141.18	88003	137.57	88064	129.51	85007	125.13	87352	113.36	88047	110.05	85326
1377	504.9	4395.7	635	142.44	88003	135.54	88064	131.61	87352	130.80	85007	121.71	87351	119.36	88047
1378	505.9	4395.7	636	138.13	88003	128.89	88064	121.42	87352	117.83	85007	110.73	87351	108.09	86068
1379	506.9	4395.7	637	123.58	88064	123.19	88003	108.66	86107	105.83	86068	105.32	87352	105.19	88059
1380	507.9	4395.7	638	124.99	88003	118.35	88064	112.12	86068	107.98	87352	107.27	86107	104.48	85007
1381	508.9	4395.7	639	118.56	88003	112.25	88064	110.80	86068	103.30	87352	102.31	88059	98.56	85326
1382	509.9	4395.7	640	112.36	88064	109.79	88003	106.46	86068	98.71	87352	98.07	88059	97.69	86107
1383	510.9	4395.7	641	112.40	88003	109.79	88064	103.48	86068	102.38	87352	99.70	88059	97.91	85270
1384	511.9	4395.7	642	111.57	88003	108.54	88064	106.13	87352	104.24	86068	98.77	85007	96.81	85326
1385	512.9	4395.7	643	108.44	88064	105.35	88003	105.02	86068	101.84	87352	101.67	86107	98.14	85007
1426	482.9	4396.7	644	140.93	88047	138.25	85040	112.30	85270	111.34	88064	105.43	87314	105.32	88016
1427	483.9	4396.7	645	138.58	88047	137.58	85040	115.67	88064	114.48	85270	110.10	87314	107.09	85328
1428	484.9	4396.7	646	136.08	85040	135.23	88047	116.15	88064	114.13	85270	104.05	85328	103.53	88016
1429	485.9	4396.7	647	135.29	85040	134.06	88047	117.75	88064	115.82	85270	104.09	88016	102.82	85328
1430	486.9	4396.7	648	137.62	88047	134.61	85040	119.23	88064	117.47	85270	108.18	88016	105.89	85328
1431	487.9	4396.7	649	144.76	88047	139.08	85040	127.79	88064	121.42	85270	117.10	85328	115.80	88016
1432	488.9	4396.7	650	143.36	88047	136.78	85040	130.99	88064	118.66	85270	116.54	85328	111.02	88016
1433	489.9	4396.7	651	140.86	88047	134.57	85040	128.90	88064	122.00	85270	117.60	85328	108.88	87314
1434	490.9	4396.7	652	139.88	88047	134.70	88064	133.69	85040	119.23	85270	109.93	88003	109.83	85328
1435	491.9	4396.7	653	137.70	88047	131.95	85040	130.54	88064	118.05	85270	105.08	88291	104.18	85328
1436	492.9	4396.7	654	143.66	88047	134.41	85040	133.68	88064	121.27	85270	112.58	87314	110.37	88059
1437	493.9	4396.7	655	139.91	88064	139.70	88047	131.34	85040	121.07	85270	113.42	88003	110.99	87350
1438	494.9	4396.7	656	141.94	88064	138.32	88047	132.84	85040	123.02	85270	113.88	87314	112.66	88003
1439	495.9	4396.7	657	144.00	88064	137.96	88047	131.36	85040	119.30	88003	118.87	85270	117.85	87314

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1440	496.9	4396.7	658	141.89	88047	139.75	88064	132.76	85040	118.90	85270	118.56	88003	116.45	87352
1441	497.9	4396.7	659	142.39	88064	137.85	88047	130.21	85040	127.35	88059	124.68	88003	120.59	85007
1442	498.9	4396.7	660	144.34	88064	137.13	88059	136.33	85007	136.00	88047	135.93	85040	132.09	88003
1443	499.9	4396.7	661	140.12	88064	136.03	88003	134.46	88047	131.82	88059	127.14	87352	126.01	85040
1444	500.9	4396.7	662	149.66	88064	139.17	86107	136.82	85007	136.43	88003	134.02	87352	130.79	88047
1445	501.9	4396.7	663	147.29	88003	143.90	88064	142.19	85007	134.36	87352	125.18	88047	124.51	87350
1446	502.9	4396.7	664	143.88	88064	135.13	88003	127.26	87352	125.42	85007	123.38	88047	114.39	87327
1447	503.9	4396.7	665	143.71	88003	136.44	88064	129.99	87352	129.03	85007	122.53	88047	119.87	87351
1448	504.9	4396.7	666	134.38	88003	132.39	88064	129.50	87352	128.15	85007	117.54	86107	115.95	88047
1449	505.9	4396.7	667	137.89	88003	128.82	88064	120.58	85007	117.17	87352	106.85	86068	105.32	86107
1450	506.9	4396.7	668	123.86	88003	121.48	88064	106.77	86107	106.44	85007	106.40	86068	105.82	87352
1451	507.9	4396.7	669	124.34	88003	117.47	88064	108.58	86068	107.98	87352	106.56	88059	106.36	86107
1452	508.9	4396.7	670	116.92	88003	112.63	88064	104.85	86068	101.51	88059	101.06	86107	100.17	87352
1453	509.9	4396.7	671	114.02	88003	111.86	88064	100.54	86107	100.47	86068	100.20	87352	97.42	88047
1454	510.9	4396.7	672	113.55	88003	109.95	88064	103.92	87352	102.68	88059	101.84	85007	100.76	86068
1455	511.9	4396.7	673	113.76	88003	109.25	88064	107.70	87352	103.68	86068	101.80	85007	98.72	85326
1456	512.9	4396.7	674	109.75	88003	108.34	88064	105.89	87352	103.27	86107	100.41	85007	100.00	86068
1497	482.9	4397.7	675	142.85	85040	131.44	88047	109.31	85270	107.97	88064	107.32	88016	105.72	85070
1498	483.9	4397.7	676	147.54	85040	136.09	88047	111.97	85270	111.62	88016	110.09	88064	109.33	85070
1499	484.9	4397.7	677	146.03	85040	137.80	88047	113.91	85270	112.67	88064	112.64	88016	112.59	87314
1500	485.9	4397.7	678	144.28	85040	136.18	88047	117.59	88064	113.36	85270	111.67	88016	107.98	85070
1501	486.9	4397.7	679	141.21	85040	134.89	88047	116.52	88064	113.98	85270	111.20	88016	107.57	85070
1502	487.9	4397.7	680	138.60	85040	135.51	88047	116.80	88064	115.14	85270	112.48	88059	111.96	88016
1503	488.9	4397.7	681	136.23	88047	134.55	85040	119.60	88064	115.25	85270	113.61	88059	112.90	88016
1504	489.9	4397.7	682	141.96	88047	138.15	85040	123.23	88064	118.64	88059	117.50	85270	111.17	88016
1505	490.9	4397.7	683	139.01	88047	131.86	85040	128.37	88064	116.29	85270	113.81	88059	107.54	89014
1506	491.9	4397.7	684	138.02	88047	128.42	85040	126.12	88064	117.09	85270	113.34	88059	105.95	88016
1507	492.9	4397.7	685	142.09	88047	131.86	85040	130.33	88064	122.71	88059	119.56	85270	109.18	87270
1508	493.9	4397.7	686	141.29	88047	135.40	88064	127.17	85040	117.44	88059	116.39	85270	109.34	88016
1509	494.9	4397.7	687	143.68	88047	135.16	88064	130.12	85040	119.43	88059	116.08	85270	110.67	88003
1510	495.9	4397.7	688	144.40	88047	135.50	88064	130.59	85040	117.91	88059	114.67	88003	113.75	85270
1511	496.9	4397.7	689	141.38	88047	138.96	88064	133.25	85040	125.58	88059	115.86	86107	114.50	88003
1512	497.9	4397.7	690	141.18	88047	140.72	88064	131.94	88059	130.76	85040	124.19	87314	123.04	86107
1513	498.9	4397.7	691	143.43	88064	136.92	88059	136.89	88047	134.78	88003	131.29	85040	124.49	87352
1514	499.9	4397.7	692	137.75	88047	136.92	88064	133.74	88059	129.58	88003	128.30	86107	127.40	85040
1515	500.9	4397.7	693	151.32	88064	144.86	86107	140.99	88047	139.38	88003	135.18	88059	133.89	87352
1516	501.9	4397.7	694	144.68	88003	143.94	88064	143.43	85007	138.87	87352	129.57	88047	122.73	87350
1517	502.9	4397.7	695	143.29	88003	141.38	88064	131.97	87352	128.45	85007	122.36	88047	118.23	85326
1518	503.9	4397.7	696	139.90	88003	134.15	88064	131.76	87352	126.79	85007	118.87	88047	115.35	87351
1519	504.9	4397.7	697	136.14	88003	133.17	87352	132.59	88064	131.10	85007	124.40	86107	117.64	88047
1520	505.9	4397.7	698	141.43	88003	130.52	88064	129.47	85007	123.11	87352	112.72	86107	111.37	86068
1521	506.9	4397.7	699	126.54	88003	121.10	88064	113.14	86107	107.36	86068	106.80	87352	104.72	88059
1522	507.9	4397.7	700	122.23	88003	116.15	88064	113.49	86107	107.28	86068	106.89	87352	105.06	88059
1523	508.9	4397.7	701	119.25	88003	113.96	88064	110.12	86107	104.10	86068	103.11	88059	100.60	87352
1524	509.9	4397.7	702	118.76	88003	113.28	88064	108.71	86107	104.12	87352	103.20	86068	101.89	88059
1525	510.9	4397.7	703	114.08	88003	108.92	88064	106.99	86107	106.27	88059	103.34	87352	102.94	86068
1526	511.9	4397.7	704	112.11	88003	109.41	88064	107.18	87352	104.22	86107	103.97	86068	97.39	88059
1527	512.9	4397.7	705	111.80	86107	108.80	88003	107.05	87352	105.04	88064	101.29	86068	97.51	85007
1568	482.9	4398.7	706	134.05	85040	133.92	88047	108.06	85070	105.57	85270	104.22	88064	102.93	88016
1569	483.9	4398.7	707	137.25	88047	134.55	85040	108.11	85070	107.44	85270	105.53	88064	103.87	88016
1570	484.9	4398.7	708	140.56	88047	133.73	85040	111.44	88016	110.52	85070	107.83	88064	107.71	85270

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1571	485.9	4398.7	709	137.65	88047	132.38	85040	116.14	88064	111.38	88016	110.92	85270	109.31	85328
1572	486.9	4398.7	710	134.93	88047	131.26	85040	112.98	88064	110.02	85270	106.77	85070	104.62	88016
1573	487.9	4398.7	711	137.76	88047	131.65	85040	110.28	88064	109.37	85270	105.34	85070	102.99	88059
1574	488.9	4398.7	712	139.14	88047	134.74	85040	114.86	88064	111.48	85270	110.51	88059	105.18	88016
1575	489.9	4398.7	713	139.01	88047	129.70	85040	118.59	88064	113.30	85270	112.81	88059	107.21	88016
1576	490.9	4398.7	714	135.06	88047	126.00	85040	122.44	88064	113.90	85270	109.68	88059	106.22	88016
1577	491.9	4398.7	715	134.89	88047	128.32	85040	121.17	88064	116.12	85270	108.82	88059	104.42	88016
1578	492.9	4398.7	716	140.08	88047	128.47	88064	128.07	85040	118.88	85270	114.15	88059	106.60	88016
1579	493.9	4398.7	717	143.54	88047	136.14	88064	127.43	85040	117.59	85270	113.33	88059	110.56	88003
1580	494.9	4398.7	718	145.86	88047	133.03	88064	127.16	85040	116.44	85270	115.38	88003	113.15	88059
1581	495.9	4398.7	719	139.66	88047	133.52	88064	128.11	85040	116.01	88003	115.62	85270	111.72	87352
1582	496.9	4398.7	720	139.70	88047	135.17	88064	130.93	85040	120.49	88059	116.82	85270	113.77	88003
1583	497.9	4398.7	721	141.42	88047	141.33	88064	135.34	85040	131.46	88059	123.02	87314	122.57	88003
1584	498.9	4398.7	722	141.81	88064	135.80	88059	135.42	88003	133.88	88047	132.03	85040	125.78	87352
1585	499.9	4398.7	723	141.02	88064	138.16	88059	135.20	88047	132.00	88003	129.64	85040	125.88	87314
1586	500.9	4398.7	724	154.36	88064	149.69	88003	141.14	88059	139.39	87352	138.09	88047	137.13	85007
1587	501.9	4398.7	725	152.41	88003	151.84	88064	146.13	85007	141.96	87352	136.36	87350	132.08	87314
1588	502.9	4398.7	726	152.74	88003	143.70	88064	141.79	87352	133.32	85007	125.89	87351	125.78	88047
1589	503.9	4398.7	727	148.80	88003	137.22	87352	134.82	88064	133.63	85007	124.58	88047	120.43	87351
1590	504.9	4398.7	728	142.41	88003	136.87	87352	131.24	88064	127.88	85007	122.89	88059	122.84	87351
1591	505.9	4398.7	729	137.74	88003	129.25	88064	123.04	85007	121.19	87352	110.54	87350	110.51	86346
1592	506.9	4398.7	730	126.34	88003	120.93	88064	107.49	87352	107.14	88059	105.55	86068	105.20	85007
1593	507.9	4398.7	731	126.84	88003	117.86	88064	109.57	88059	107.85	86068	107.57	87352	106.23	86107
1594	508.9	4398.7	732	122.43	88003	115.79	88064	106.64	88059	105.01	86068	104.47	87352	102.28	86107
1595	509.9	4398.7	733	122.60	88003	114.73	88064	106.20	87352	104.04	86107	103.74	88059	103.56	86068
1596	510.9	4398.7	734	115.12	88003	110.28	88064	107.44	88059	104.52	86068	103.52	87352	100.99	86107
1597	511.9	4398.7	735	113.53	88003	109.31	88064	107.57	87352	103.76	86068	101.45	86107	98.78	88059
1598	512.9	4398.7	736	110.23	88003	108.68	87352	105.47	86107	104.75	86068	104.53	88064	101.02	85007
1639	482.9	4399.7	737	132.67	85040	130.11	88047	107.08	85070	104.54	88016	103.32	85270	101.53	88064
1640	483.9	4399.7	738	134.26	85040	131.89	88047	110.63	88016	108.19	85070	102.87	85270	99.65	88059
1641	484.9	4399.7	739	134.18	88047	133.11	85040	108.85	85070	105.11	88016	101.96	85270	100.43	88064
1642	485.9	4399.7	740	143.38	88047	137.74	85040	111.40	85070	109.92	88064	109.70	88059	107.95	88016
1643	486.9	4399.7	741	137.84	88047	136.29	85040	115.65	88064	110.89	88059	109.68	85270	108.92	88016
1644	487.9	4399.7	742	133.65	85040	132.00	88047	111.42	88064	108.19	85270	107.49	88059	107.28	85070
1645	488.9	4399.7	743	133.94	85040	131.52	88047	113.05	88059	110.54	88064	109.68	85270	108.29	85070
1646	489.9	4399.7	744	132.79	85040	131.58	88047	116.37	88059	112.78	88064	112.56	85270	108.13	85070
1647	490.9	4399.7	745	130.94	88047	129.76	85040	119.88	88064	111.70	85270	111.22	88059	107.50	85070
1648	491.9	4399.7	746	133.98	88047	127.55	85040	118.02	88064	113.40	85270	111.84	88059	107.99	88016
1649	492.9	4399.7	747	137.62	88047	132.51	85040	123.10	88064	119.75	88059	116.48	85270	113.03	88016
1650	493.9	4399.7	748	136.74	85040	136.67	88047	132.71	88064	126.53	88059	120.60	85270	113.85	88003
1651	494.9	4399.7	749	132.99	88047	131.74	88064	128.50	85040	118.35	88059	116.12	85270	113.23	88016
1652	495.9	4399.7	750	131.63	88047	130.45	88064	128.11	85040	116.55	88059	114.42	85270	114.13	88003
1653	496.9	4399.7	751	132.87	88047	132.86	88064	129.67	85040	126.37	88059	117.74	85270	113.97	88016
1654	497.9	4399.7	752	138.33	88047	137.99	88064	132.19	85040	130.13	88059	123.01	87314	119.75	88003
1655	498.9	4399.7	753	139.92	88064	135.30	88059	132.42	88047	131.34	85040	125.24	88003	124.60	87352
1656	499.9	4399.7	754	143.88	88059	141.44	88064	135.36	88003	132.24	88047	131.29	85040	127.04	87352
1657	500.9	4399.7	755	150.06	88003	149.22	88064	148.39	88059	140.70	87352	135.16	86107	134.03	85040
1658	501.9	4399.7	756	149.05	88064	145.62	88003	138.24	87352	133.18	88059	129.91	87351	129.81	87327
1659	502.9	4399.7	757	142.94	88003	136.40	88064	136.33	87352	129.09	87351	126.11	88047	125.62	88059
1660	503.9	4399.7	758	139.71	88003	130.70	87352	130.46	88064	122.23	87351	119.01	85007	118.56	88047
1661	504.9	4399.7	759	134.78	88003	123.43	87352	122.66	88064	118.37	88059	113.46	88047	110.69	87351

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1662	505.9	4399.7	760	129.04	88003	123.53	88064	115.70	87352	110.53	85007	107.43	88047	106.69	88059
1663	506.9	4399.7	761	124.93	88003	117.36	88064	110.73	88059	105.23	88047	103.41	87352	102.85	86107
1664	507.9	4399.7	762	123.18	88003	117.35	88064	112.47	88059	107.46	86107	104.28	87352	103.21	88047
1665	508.9	4399.7	763	122.40	88003	115.90	88064	109.95	88059	104.12	87352	103.69	86107	102.61	88047
1666	509.9	4399.7	764	120.90	88003	112.97	88064	106.31	88059	105.11	86107	103.57	87352	99.84	88047
1667	510.9	4399.7	765	114.09	88003	109.25	88064	108.85	88059	105.60	86107	100.21	87352	100.10	86068
1668	511.9	4399.7	766	112.63	88003	110.64	88064	103.78	86107	103.64	87352	103.09	88059	98.94	86068
1669	512.9	4399.7	767	114.24	88003	108.01	86107	106.62	87352	104.03	88064	100.96	86068	100.82	88059
1710	482.9	4400.7	768	133.60	88047	129.46	85040	110.35	85070	102.51	85270	101.08	88064	101.04	88016
1711	483.9	4400.7	769	131.34	88047	128.91	85040	108.67	85070	102.17	85270	98.45	88016	98.09	88064
1712	484.9	4400.7	770	130.98	85040	127.97	88047	107.77	85070	103.35	85270	99.90	88016	99.69	88059
1713	485.9	4400.7	771	135.24	85040	130.30	88047	110.46	85070	104.22	88064	103.33	85270	103.01	88059
1714	486.9	4400.7	772	141.30	85040	139.94	88047	118.89	88059	114.32	85070	112.09	88064	109.41	85270
1715	487.9	4400.7	773	132.08	85040	130.54	88047	114.18	88064	109.57	85070	109.28	88059	108.65	85270
1716	488.9	4400.7	774	130.65	88047	129.14	85040	111.74	88064	110.44	85070	110.06	85270	109.57	88059
1717	489.9	4400.7	775	133.24	88047	130.21	85040	114.98	88059	111.65	88064	110.07	85270	109.77	85070
1718	490.9	4400.7	776	132.97	88047	127.06	85040	114.19	88064	111.13	88059	108.24	85270	106.85	85070
1719	491.9	4400.7	777	130.95	88047	125.33	85040	114.13	88064	111.48	88059	108.30	85270	105.48	85070
1720	492.9	4400.7	778	133.56	88047	126.14	85040	119.81	88064	117.01	88059	111.41	85270	109.53	88016
1721	493.9	4400.7	779	130.22	88047	125.68	85040	125.08	88064	116.54	88059	112.08	88016	109.41	85270
1722	494.9	4400.7	780	130.18	88047	129.23	85040	123.92	88064	116.86	88059	112.88	85270	112.88	88016
1723	495.9	4400.7	781	127.83	88047	126.46	88064	124.48	85040	115.56	85270	114.38	88059	109.97	88016
1724	496.9	4400.7	782	129.46	88047	128.36	88064	124.85	88059	124.06	85040	117.62	85270	112.46	88016
1725	497.9	4400.7	783	133.45	88064	133.42	88047	132.61	88059	126.41	85040	119.78	88003	117.49	87270
1726	498.9	4400.7	784	141.90	88059	139.86	88064	132.93	88047	127.83	87314	125.01	85040	121.89	87333
1727	499.9	4400.7	785	146.63	88059	139.07	88064	134.37	88047	133.48	88003	130.41	87352	126.98	87001
1728	500.9	4400.7	786	145.73	88059	142.96	88003	141.94	88064	134.00	87352	131.23	88047	127.89	86107
1729	501.9	4400.7	787	144.34	88064	136.24	88003	128.75	87352	123.20	88047	122.58	88059	118.50	85007
1730	502.9	4400.7	788	137.97	88003	131.77	87352	130.76	88064	123.00	88047	118.80	88059	112.04	87351
1731	503.9	4400.7	789	135.65	88003	128.88	87352	128.84	88064	123.41	85007	115.40	88047	113.89	87351
1732	504.9	4400.7	790	130.59	88003	119.31	88064	117.51	87352	114.65	88059	113.05	88047	108.35	85007
1733	505.9	4400.7	791	129.61	88003	123.90	88064	114.95	87352	108.90	85007	108.77	88047	105.64	86068
1734	506.9	4400.7	792	122.15	88003	115.80	88064	107.94	88047	107.80	88059	103.43	87352	100.54	88340
1735	507.9	4400.7	793	120.82	88003	115.76	88064	109.31	88059	105.69	88047	103.56	87352	100.25	86068
1736	508.9	4400.7	794	120.46	88003	117.97	88064	108.90	88059	105.11	88047	104.39	87352	99.94	86107
1737	509.9	4400.7	795	123.03	88003	111.49	88064	102.90	87352	102.30	86068	102.21	88059	102.17	88047
1738	510.9	4400.7	796	110.30	88003	108.24	88064	105.29	88059	100.51	86068	99.83	86107	99.04	88047
1739	511.9	4400.7	797	114.05	88003	110.49	88064	103.60	86068	101.53	87352	101.03	88059	98.16	88047
1740	512.9	4400.7	798	115.12	88003	104.43	88064	104.36	87352	104.25	86068	102.33	88059	100.81	86107
1781	482.9	4401.7	799	129.10	85040	125.48	88047	108.18	85070	104.29	85270	99.23	88059	99.18	88016
1782	483.9	4401.7	800	127.04	85040	125.54	88047	109.58	85070	103.73	85270	100.39	88059	96.83	88016
1783	484.9	4401.7	801	128.73	88047	127.91	85040	110.85	85070	105.90	85270	102.47	88059	99.00	88016
1784	485.9	4401.7	802	128.78	88047	125.65	85040	110.92	85070	105.21	88064	104.90	85270	103.00	88059
1785	486.9	4401.7	803	136.29	88047	129.40	85040	116.35	88059	115.76	85070	109.56	88064	108.52	85270
1786	487.9	4401.7	804	135.69	88047	125.97	85040	112.33	88059	111.92	85070	111.34	88064	107.02	85270
1787	488.9	4401.7	805	136.75	88047	123.39	85040	112.70	88064	111.00	88059	107.92	85070	104.36	85270
1788	489.9	4401.7	806	137.35	88047	124.00	85040	115.00	88059	111.73	88064	106.82	85070	105.19	85270
1789	490.9	4401.7	807	132.23	88047	122.63	85040	112.96	88064	109.39	88059	104.63	85270	104.18	88016
1790	491.9	4401.7	808	130.81	88047	124.35	85040	112.38	88064	109.25	88059	107.15	85270	104.66	88016
1791	492.9	4401.7	809	132.34	88047	127.27	85040	118.09	88064	116.64	88059	109.43	85270	107.37	88016
1792	493.9	4401.7	810	131.23	88047	124.68	85040	123.55	88064	115.19	88059	108.49	88016	107.73	85270

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1793	494.9	4401.7	811	130.07	88047	123.39	85040	122.72	88064	118.24	88059	115.45	88016	111.23	85270
1794	495.9	4401.7	812	128.13	88047	124.86	88064	121.81	85040	118.63	88016	117.24	88059	109.87	85270
1795	496.9	4401.7	813	127.55	88047	127.26	88059	125.74	85040	123.40	88064	114.10	88016	112.80	85270
1796	497.9	4401.7	814	127.90	88059	126.25	88047	125.60	88064	122.63	85040	115.66	88003	113.84	87352
1797	498.9	4401.7	815	140.40	88059	131.22	88047	128.79	88064	122.97	85040	120.93	87333	116.20	87270
1798	499.9	4401.7	816	142.63	88059	137.03	88064	131.88	88047	129.42	87314	122.76	85040	122.20	87352
1799	500.9	4401.7	817	139.04	88003	138.73	88059	136.42	88064	135.21	87352	125.88	88047	124.45	85007
1800	501.9	4401.7	818	148.34	88064	136.66	88003	130.17	88047	129.68	87352	125.17	88059	120.87	85040
1801	502.9	4401.7	819	142.04	88003	137.17	87352	133.35	88047	131.94	88064	122.27	85007	121.46	88059
1802	503.9	4401.7	820	134.67	88003	131.12	87352	128.60	88064	124.25	85007	119.63	88047	118.72	87351
1803	504.9	4401.7	821	126.57	88003	116.47	88059	116.26	88064	114.98	88047	114.66	87352	107.36	85040
1804	505.9	4401.7	822	129.47	88003	120.83	88064	112.09	87352	111.85	88047	106.94	88059	106.54	88340
1805	506.9	4401.7	823	119.87	88003	115.59	88064	110.91	88047	110.01	88059	103.55	87352	102.43	85040
1806	507.9	4401.7	824	117.11	88003	114.11	88064	113.83	88047	113.00	88059	104.08	87352	101.72	87270
1807	508.9	4401.7	825	125.63	88003	122.41	88064	118.87	88059	118.28	88047	116.91	89024	108.81	87352
1808	509.9	4401.7	826	126.35	88003	118.38	86068	114.73	88047	114.72	88064	113.64	85007	111.06	87352
1809	510.9	4401.7	827	111.83	88003	108.79	88064	108.44	88059	104.36	86068	103.45	88047	98.30	87352
1810	511.9	4401.7	828	114.98	88064	114.17	88003	106.53	88059	104.49	87352	104.36	88047	103.48	86068
1811	512.9	4401.7	829	121.45	88003	111.65	87352	108.12	86068	106.66	88064	105.78	85007	103.60	88059
1852	482.9	4402.7	830	135.66	88047	126.88	85040	110.98	85070	101.27	88059	100.49	88016	99.02	85270
1853	483.9	4402.7	831	135.13	88047	124.94	85040	110.06	85070	102.33	88016	102.33	88059	100.20	85270
1854	484.9	4402.7	832	141.65	88047	131.00	85040	114.96	85070	110.89	88016	108.74	88059	107.20	85270
1855	485.9	4402.7	833	145.42	88047	128.03	85040	114.01	85070	109.34	88016	104.35	88059	103.67	85270
1856	486.9	4402.7	834	144.91	88047	130.86	85040	114.14	88059	111.88	85070	107.47	88016	106.45	85270
1857	487.9	4402.7	835	143.66	88047	133.59	85040	116.41	88059	111.65	88064	111.06	87314	110.34	85270
1858	488.9	4402.7	836	138.28	88047	132.39	85040	116.86	88064	115.07	88059	109.98	85270	108.70	88016
1859	489.9	4402.7	837	138.62	88047	131.54	85040	117.59	88064	115.79	88059	109.57	85270	108.32	88016
1860	490.9	4402.7	838	135.94	88047	125.43	85040	116.44	88064	112.10	88059	107.84	88016	107.43	85270
1861	491.9	4402.7	839	134.49	88047	124.87	85040	113.01	88059	112.66	88064	106.87	85270	106.80	88016
1862	492.9	4402.7	840	134.03	88047	126.27	85040	120.47	88059	115.67	88064	109.66	88016	107.41	85070
1863	493.9	4402.7	841	130.57	88047	122.56	85040	122.28	88064	119.03	88059	110.20	88016	108.08	85270
1864	494.9	4402.7	842	130.12	88047	121.89	88064	121.17	88059	119.32	85040	110.61	88016	108.38	85270
1865	495.9	4402.7	843	127.24	88047	124.87	88064	117.77	88059	115.77	85040	110.38	88003	108.32	88016
1866	496.9	4402.7	844	131.26	88047	126.13	88059	120.30	88064	117.04	85040	110.65	88016	109.77	87314
1867	497.9	4402.7	845	128.99	88047	122.99	88059	119.78	88064	118.84	85040	112.84	88003	110.45	87352
1868	498.9	4402.7	846	129.56	88059	125.62	88047	120.02	88064	118.45	85040	111.66	88003	109.42	87270
1869	499.9	4402.7	847	144.93	88059	133.86	88047	130.49	88064	124.35	87314	124.06	85040	123.50	87270
1870	500.9	4402.7	848	138.65	87352	138.31	88059	137.32	88064	136.06	88003	130.59	88047	127.49	87314
1871	501.9	4402.7	849	155.98	88003	150.56	88064	145.08	87352	141.42	88059	141.05	88047	134.75	85007
1872	502.9	4402.7	850	146.82	88003	141.56	87352	140.20	88064	137.88	88047	132.80	87314	129.46	85328
1873	503.9	4402.7	851	150.29	88003	147.65	85007	145.95	87352	137.69	88047	135.90	88064	126.76	87351
1874	504.9	4402.7	852	136.75	88003	129.58	88047	128.23	85007	126.02	87352	119.56	88064	116.86	88340
1875	505.9	4402.7	853	137.04	88003	121.92	88064	121.41	88047	116.66	87352	116.26	85007	107.74	88059
1876	506.9	4402.7	854	123.18	88003	118.50	88047	115.48	88064	113.14	88059	109.96	87352	106.44	85040
1877	507.9	4402.7	855	124.44	88003	119.39	88047	118.59	88059	116.22	88064	113.63	87352	111.45	85328
1878	508.9	4402.7	856	140.66	88059	140.40	88003	132.55	88340	128.97	87350	127.77	86339	126.44	87270
1879	509.9	4402.7	857	126.65	88003	123.76	88064	123.40	87314	122.22	86333	120.61	85328	117.97	87352
1880	510.9	4402.7	858	121.70	88003	114.84	88064	113.11	88059	109.55	86068	108.38	87352	107.54	88047
1881	511.9	4402.7	859	125.23	88003	119.43	88059	116.85	88064	114.33	87351	112.29	87352	110.41	88340
1882	512.9	4402.7	860	119.31	88003	111.40	87352	109.58	88064	106.84	87351	106.27	88059	103.78	86329
1923	482.9	4403.7	861	126.81	88047	120.84	85040	112.26	85070	103.26	88016	100.39	88059	98.72	85270

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1924	483.9	4403.7	862	131.30	88047	121.07	85040	115.16	85070	105.94	85360	102.50	88016	101.20	88059
1925	484.9	4403.7	863	140.71	88047	137.44	85040	125.23	88059	118.43	85360	118.14	85070	113.79	87270
1926	485.9	4403.7	864	136.57	88047	123.95	85040	111.73	88016	110.78	88059	110.66	85070	109.11	89014
1927	486.9	4403.7	865	134.96	88047	127.26	85040	114.43	88059	111.95	85070	105.90	88016	104.18	85360
1928	487.9	4403.7	866	141.32	88047	132.85	85040	127.01	88059	114.82	85070	113.39	89014	112.02	88016
1929	488.9	4403.7	867	139.68	88047	131.70	85040	124.60	88059	114.47	88016	111.63	85070	111.58	89014
1930	489.9	4403.7	868	139.60	88047	133.14	85040	124.83	88059	117.52	88016	112.99	88064	111.67	85070
1931	490.9	4403.7	869	139.92	88047	133.10	85040	122.93	88059	117.84	88064	116.80	88016	111.20	85070
1932	491.9	4403.7	870	134.47	88047	131.01	85040	121.57	88059	117.90	88016	114.68	88064	109.29	85328
1933	492.9	4403.7	871	135.54	88047	130.15	85040	126.40	88059	121.60	88016	118.92	88064	118.90	85328
1934	493.9	4403.7	872	132.71	88047	131.18	85040	123.01	88064	121.74	88059	118.89	88016	116.46	87352
1935	494.9	4403.7	873	131.09	85040	128.30	88047	121.61	88059	118.51	88064	115.53	88016	111.52	85328
1936	495.9	4403.7	874	127.22	85040	123.78	88047	121.78	88064	118.04	88059	111.32	88003	110.16	88016
1937	496.9	4403.7	875	126.21	88059	126.01	85040	121.78	88047	120.57	88064	112.61	87352	112.44	88003
1938	497.9	4403.7	876	124.15	88064	124.00	85040	123.33	88059	120.98	88047	116.77	88003	116.31	87352
1939	498.9	4403.7	877	130.76	88059	124.72	88047	120.85	88064	120.09	87314	120.03	85040	115.64	88003
1940	499.9	4403.7	878	147.09	88059	135.04	88047	129.11	85040	128.57	88064	126.58	87314	124.20	87352
1941	500.9	4403.7	879	151.97	88059	143.57	87352	143.41	87351	142.35	88047	135.25	85007	135.24	88003
1942	501.9	4403.7	880	141.85	88003	139.37	88064	138.72	88059	135.80	87352	132.60	88047	128.85	87351
1943	502.9	4403.7	881	149.87	88059	137.48	88003	136.17	88047	134.68	86339	134.20	86351	132.49	87352
1944	503.9	4403.7	882	148.03	88003	142.93	86351	141.15	88059	140.12	87352	139.58	87351	137.49	86354
1945	504.9	4403.7	883	133.51	88059	130.42	88003	129.08	86351	126.08	88047	123.86	87351	123.61	87352
1946	505.9	4403.7	884	132.33	88003	122.74	88047	119.75	88059	117.54	87352	116.18	88064	113.44	87351
1947	506.9	4403.7	885	127.25	88059	119.71	88047	116.69	88003	113.23	86351	112.33	88064	112.22	87270
1948	507.9	4403.7	886	131.80	88059	122.17	88047	120.51	88003	117.05	86351	117.04	86354	116.22	87270
1949	508.9	4403.7	887	127.26	88059	121.63	88003	119.34	88047	115.66	87351	114.43	87270	114.21	86351
1950	509.9	4403.7	888	122.76	88047	121.65	88059	114.23	87351	114.22	86351	112.31	86354	110.43	87333
1951	510.9	4403.7	889	120.13	88059	114.46	88047	113.89	88003	112.62	87351	110.14	86351	109.55	88064
1952	511.9	4403.7	890	110.18	88059	109.00	88064	106.62	88003	104.54	88047	103.94	87337	103.76	87351
1953	512.9	4403.7	891	108.82	88003	106.69	86107	105.95	88059	104.00	88064	102.00	87352	97.75	87339
1994	482.9	4404.7	892	128.91	88047	125.72	85040	111.28	85070	108.63	88016	101.74	85360	99.59	89014
1995	483.9	4404.7	893	132.65	88047	124.15	85040	110.20	85070	109.04	85360	102.64	88016	101.53	88059
1996	484.9	4404.7	894	135.26	88047	124.81	85040	112.82	85070	108.31	88059	102.05	88016	101.07	85360
1997	485.9	4404.7	895	132.37	88047	123.27	85040	111.70	85070	107.19	88059	103.18	88016	100.26	85360
1998	486.9	4404.7	896	131.14	88047	124.73	85040	111.23	85070	106.79	88059	103.12	88016	102.48	85360
1999	487.9	4404.7	897	134.19	88047	127.88	85040	117.10	88059	112.89	85070	107.84	88016	105.32	85360
2000	488.9	4404.7	898	132.97	88047	126.54	85040	117.69	88059	112.83	85070	109.57	88016	104.92	89014
2001	489.9	4404.7	899	138.66	88047	131.36	85040	127.21	88059	115.43	88016	115.40	85070	113.54	89014
2002	490.9	4404.7	900	134.86	88047	127.03	85040	124.57	88059	120.03	88016	113.18	85070	112.16	89014
2003	491.9	4404.7	901	132.24	88047	129.09	85040	125.71	88059	118.74	88016	115.31	85070	114.57	85360
2004	492.9	4404.7	902	136.87	88047	135.93	88059	131.68	85040	120.56	87270	117.99	85360	117.17	88016
2005	493.9	4404.7	903	133.36	88047	131.51	88059	125.84	85040	117.95	88064	114.66	87270	114.47	88016
2006	494.9	4404.7	904	130.41	88059	128.86	88047	124.51	85040	117.98	88064	114.58	87270	113.57	88016
2007	495.9	4404.7	905	127.41	88059	126.07	88047	124.01	85040	117.95	88064	113.54	88003	112.28	87352
2008	496.9	4404.7	906	136.54	88059	126.79	88047	123.56	85040	118.66	87270	116.84	87314	115.01	88064
2009	497.9	4404.7	907	135.86	88059	126.05	88047	121.42	85040	118.45	88003	118.39	87270	118.23	87352
2010	498.9	4404.7	908	137.98	88059	125.09	88047	116.17	87270	115.29	85040	114.54	88064	112.98	87333
2011	499.9	4404.7	909	163.66	88059	145.47	86339	140.47	87270	133.36	88047	130.43	87337	129.21	87359
2012	500.9	4404.7	910	154.52	88059	153.26	87314	140.07	87333	138.57	87352	138.36	88047	134.37	86355
2013	501.9	4404.7	911	142.82	88003	137.64	87352	136.45	88064	131.82	88047	125.58	88059	121.74	85007
2014	502.9	4404.7	912	136.12	88059	129.04	88003	125.88	88047	121.87	87352	120.80	88064	118.02	87270

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2015	503.9	4404.7	913	128.08	88003	122.43	88059	122.31	87352	121.16	88064	116.98	88047	112.51	87339
2016	504.9	4404.7	914	133.86	88059	127.38	88003	120.94	87352	118.22	87270	117.08	88064	116.91	88047
2017	505.9	4404.7	915	130.64	88003	119.23	87352	117.32	88064	114.97	88059	114.02	88047	108.59	87350
2018	506.9	4404.7	916	125.65	88059	123.78	88047	117.71	88003	108.99	87351	108.93	87352	108.26	87270
2019	507.9	4404.7	917	126.65	88047	126.38	88059	116.23	87351	110.43	88003	109.84	87270	108.45	87339
2020	508.9	4404.7	918	115.64	88059	113.96	88047	107.90	88003	107.14	87339	104.26	87270	103.62	88064
2021	509.9	4404.7	919	107.27	88059	106.94	88047	103.50	88003	100.84	88064	97.61	87339	96.04	87270
2022	510.9	4404.7	920	107.18	88059	103.69	88064	102.66	88003	98.91	88047	96.32	87339	94.95	85340
2023	511.9	4404.7	921	107.59	88064	106.41	88003	102.16	88059	96.42	88047	94.43	87360	92.74	87352
2024	512.9	4404.7	922	107.24	88003	105.59	88059	105.29	88064	99.24	87352	98.90	86107	95.25	87360
2065	482.9	4405.7	923	130.72	88047	111.89	85070	109.43	85040	104.66	85360	100.45	88059	99.71	89014
2066	483.9	4405.7	924	132.32	88047	112.15	85070	109.41	85040	103.10	85360	102.30	88059	97.21	88016
2067	484.9	4405.7	925	134.07	88047	111.67	85040	111.42	85070	106.53	88059	100.51	85360	97.86	88016
2068	485.9	4405.7	926	130.35	88047	110.73	85070	110.19	85040	107.18	88059	101.10	85360	99.39	88016
2069	486.9	4405.7	927	132.10	88047	111.16	85040	109.71	85070	108.10	88059	102.34	88016	101.73	85360
2070	487.9	4405.7	928	137.14	88047	116.86	88059	114.07	85040	110.17	85070	108.06	88016	104.40	85360
2071	488.9	4405.7	929	132.84	88047	114.91	88059	113.29	88016	111.69	85040	107.89	85070	105.74	85360
2072	489.9	4405.7	930	133.76	88047	119.62	88059	117.96	88016	113.02	85040	111.08	85070	109.98	85360
2073	490.9	4405.7	931	132.63	88047	119.15	88059	112.53	88016	111.03	85040	110.86	85360	108.57	85070
2074	491.9	4405.7	932	132.53	88047	118.07	88059	112.07	85040	109.69	87270	108.36	85360	108.36	88016
2075	492.9	4405.7	933	134.13	88047	127.25	88059	117.96	85040	115.84	87270	110.81	88016	109.27	85360
2076	493.9	4405.7	934	133.02	88047	127.72	88059	121.34	85040	115.19	87270	111.39	88003	110.70	88064
2077	494.9	4405.7	935	132.64	88047	130.64	88059	119.50	85040	117.82	87270	113.01	89014	111.50	85360
2078	495.9	4405.7	936	134.19	88047	125.81	88059	115.28	85040	112.89	88064	109.92	87270	109.43	89014
2079	496.9	4405.7	937	139.11	88047	132.63	88059	116.86	85040	116.35	87270	110.89	86339	109.75	88064
2080	497.9	4405.7	938	141.28	88047	134.81	88059	121.01	85040	117.63	88064	114.92	87314	114.01	87352
2081	498.9	4405.7	939	142.46	88047	132.33	88059	121.95	88003	120.84	87352	116.68	85007	115.90	85040
2082	499.9	4405.7	940	135.85	88059	131.50	88047	118.32	87352	117.56	88003	113.42	87270	112.58	85040
2083	500.9	4405.7	941	164.39	88059	144.76	88047	136.14	87270	133.10	87314	132.40	87352	131.25	86339
2084	501.9	4405.7	942	150.02	88003	141.64	87352	137.30	88064	130.42	88059	128.79	88047	125.98	87351
2085	502.9	4405.7	943	135.40	88059	130.01	88047	126.70	88003	124.09	89024	123.59	88064	122.95	87352
2086	503.9	4405.7	944	137.96	88003	131.65	88047	129.86	87352	127.55	85007	118.45	88059	118.13	88064
2087	504.9	4405.7	945	136.11	88059	124.19	88047	117.29	88003	114.72	88064	114.12	87352	113.87	87270
2088	505.9	4405.7	946	137.57	88003	123.81	87352	121.27	88059	121.18	88047	116.78	87351	114.88	88064
2089	506.9	4405.7	947	120.77	88059	111.99	88003	107.26	88047	105.28	87339	103.65	85340	103.02	87270
2090	507.9	4405.7	948	119.36	88059	105.14	87270	104.41	88047	102.24	87339	101.56	88003	99.38	85340
2091	508.9	4405.7	949	110.87	88059	102.89	87270	102.68	87339	101.97	88003	101.67	88047	98.12	88064
2092	509.9	4405.7	950	106.89	88059	103.66	88047	98.30	88064	96.69	88003	96.21	87270	94.84	87339
2093	510.9	4405.7	951	106.29	88059	100.06	88003	99.77	88047	98.45	88064	95.57	87270	94.76	87339
2094	511.9	4405.7	952	104.56	88064	101.28	88059	96.12	88047	95.59	88003	92.79	87339	92.14	85340
2095	512.9	4405.7	953	107.75	88059	106.62	88064	104.01	88003	95.42	88047	95.24	87352	94.85	85340
2136	482.9	4406.7	954	127.29	88047	109.00	85360	108.00	85070	104.38	85040	100.48	88059	99.64	89014
2137	483.9	4406.7	955	130.41	88047	108.37	85070	106.28	85040	101.60	88059	100.72	88016	100.00	85360
2138	484.9	4406.7	956	129.62	88047	109.42	88059	108.69	85040	107.93	85070	101.89	85360	100.55	88016
2139	485.9	4406.7	957	131.43	88047	109.85	88059	109.39	85040	106.97	85070	105.04	88016	101.49	85360
2140	486.9	4406.7	958	132.54	88047	111.00	85040	110.11	88059	109.46	88016	107.54	85070	103.41	85360
2141	487.9	4406.7	959	133.31	88047	116.66	88016	116.31	88059	111.78	85040	110.01	85360	109.68	85070
2142	488.9	4406.7	960	131.47	88047	116.17	88059	115.48	88016	112.13	85040	109.83	85070	109.70	85360
2143	489.9	4406.7	961	133.78	88047	120.71	88059	114.64	85040	111.76	85360	108.56	87270	107.88	88016
2144	490.9	4406.7	962	132.85	88047	119.66	88059	113.90	85040	106.84	85360	106.65	87270	105.92	89014
2145	491.9	4406.7	963	130.16	88047	118.40	88059	114.45	85040	108.53	85360	108.11	87270	106.22	85070

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2146	492.9	4406.7	964	134.61	88047	129.00	88059	114.84	85040	114.65	87270	111.29	85360	110.50	89014
2147	493.9	4406.7	965	135.56	88047	121.03	88059	109.80	85040	109.15	88064	109.05	88003	107.24	89014
2148	494.9	4406.7	966	138.24	88047	126.44	88059	112.03	85040	109.81	87270	107.57	89014	106.45	85360
2149	495.9	4406.7	967	137.49	88047	123.88	88059	112.42	85040	106.89	87270	106.25	87352	105.92	89014
2150	496.9	4406.7	968	133.03	88047	127.37	88059	111.82	87270	111.68	85040	106.37	89014	105.01	87352
2151	497.9	4406.7	969	153.79	88059	137.13	88047	135.88	86339	131.43	87270	124.95	85040	122.65	87337
2152	498.9	4406.7	970	149.90	88059	136.38	88047	131.08	87314	129.30	87333	127.35	87270	125.85	86351
2153	499.9	4406.7	971	139.94	88059	134.61	88047	122.27	87352	116.87	87270	115.73	88003	114.81	88064
2154	500.9	4406.7	972	161.81	88059	143.64	88047	135.45	87314	135.09	87270	132.34	87352	128.56	86339
2155	501.9	4406.7	973	145.83	88003	143.16	87352	138.13	88059	131.34	87337	128.46	88064	126.49	88047
2156	502.9	4406.7	974	169.65	88059	162.23	86339	150.68	88003	145.25	87270	143.52	87359	142.02	87350
2157	503.9	4406.7	975	144.65	86355	132.71	87352	132.30	86351	132.19	87333	128.40	88003	127.88	88059
2158	504.9	4406.7	976	156.65	88059	133.42	88003	131.32	87314	130.65	89024	129.63	87270	129.25	87001
2159	505.9	4406.7	977	142.79	88003	134.81	85007	134.76	87352	129.00	87351	124.42	88047	119.83	86068
2160	506.9	4406.7	978	115.52	88059	111.17	88003	103.89	88047	100.47	87339	99.65	85340	99.56	87352
2161	507.9	4406.7	979	114.63	88059	106.52	88003	103.93	88047	102.50	87270	97.76	87339	97.01	85340
2162	508.9	4406.7	980	105.48	88059	100.96	88003	100.45	87270	100.05	88047	97.16	87339	93.44	88064
2163	509.9	4406.7	981	105.75	88059	102.13	88047	97.96	88003	96.89	87270	96.02	87339	93.85	88064
2164	510.9	4406.7	982	101.47	88059	97.73	88047	97.16	88064	96.35	88003	95.60	87339	93.78	87270
2165	511.9	4406.7	983	97.91	88003	97.89	88064	97.63	88047	96.86	88059	90.00	87339	87.59	87270
2166	512.9	4406.7	984	116.68	89024	114.45	88059	109.59	88064	107.15	88047	101.96	88003	101.15	85314
2207	482.9	4407.7	985	123.06	88047	108.50	85070	105.56	85360	102.58	85040	102.00	88059	98.09	89014
2208	483.9	4407.7	986	127.38	88047	107.36	85070	103.64	88059	102.41	85040	101.35	85360	96.73	87270
2209	484.9	4407.7	987	130.75	88047	110.74	88059	108.01	85070	103.87	85040	102.91	85360	98.64	89014
2210	485.9	4407.7	988	133.03	88047	111.92	88059	110.36	85070	106.51	85360	106.25	88016	105.66	85040
2211	486.9	4407.7	989	130.34	88047	114.25	88016	113.00	85070	111.40	88059	110.21	85360	105.53	85040
2212	487.9	4407.7	990	131.03	88047	116.27	88059	111.62	85070	109.29	85360	107.53	88016	106.77	85040
2213	488.9	4407.7	991	130.98	88047	117.77	88059	107.78	85360	107.73	85070	105.59	85040	102.19	87270
2214	489.9	4407.7	992	129.98	88047	119.67	88059	107.44	85070	106.09	87270	105.52	85360	104.10	85040
2215	490.9	4407.7	993	135.14	88047	119.36	88059	106.35	85360	105.94	85070	105.16	85040	104.85	87270
2216	491.9	4407.7	994	138.22	88047	118.87	88059	107.36	85360	106.49	85040	105.83	87270	104.42	85070
2217	492.9	4407.7	995	144.16	88047	126.09	88059	111.99	87270	109.80	85040	108.59	85360	104.79	85070
2218	493.9	4407.7	996	139.22	88047	122.65	88059	110.01	88064	106.02	85040	105.46	87270	104.13	85360
2219	494.9	4407.7	997	134.26	88047	127.71	88059	110.04	87270	105.62	85040	104.92	88064	104.10	88003
2220	495.9	4407.7	998	130.94	88047	123.22	88059	105.92	87352	105.73	87270	105.40	88003	104.29	88064
2221	496.9	4407.7	999	131.00	88047	129.31	88059	112.46	87270	108.54	85360	107.39	85040	107.10	87352
2222	497.9	4407.7	1000	132.41	88059	126.36	88047	113.46	87270	112.68	87352	107.87	87337	106.69	85040
2223	498.9	4407.7	1001	147.85	88059	127.88	88047	123.72	87270	120.02	86339	118.89	87352	117.89	86354
2224	499.9	4407.7	1002	145.12	88059	129.43	88047	125.89	87352	119.94	87270	118.92	87333	118.72	86339
2225	500.9	4407.7	1003	166.12	88059	144.48	86339	142.64	88047	138.23	87314	137.01	87270	134.02	87352
2226	501.9	4407.7	1004	149.89	88003	147.41	87352	144.41	88059	140.06	87350	134.18	87337	132.24	89004
2227	502.9	4407.7	1005	148.22	88059	129.31	88003	126.63	87352	123.37	87270	122.48	87314	122.42	88047
2228	503.9	4407.7	1006	129.16	88003	128.91	87352	126.89	88059	118.56	87350	118.17	87351	115.44	88047
2229	504.9	4407.7	1007	172.37	88059	167.67	86339	152.70	87270	150.70	87353	150.55	87359	149.89	87337
2230	505.9	4407.7	1008	158.25	86355	136.01	87333	133.55	86351	131.26	86329	131.05	87339	129.08	87352
2231	506.9	4407.7	1009	114.05	88059	112.13	88003	102.45	87352	98.76	85340	98.48	88064	98.10	87270
2232	507.9	4407.7	1010	113.34	88059	108.35	88003	101.08	87270	97.61	88047	96.73	85340	96.07	88064
2233	508.9	4407.7	1011	105.57	88003	104.04	88059	99.30	87270	95.82	88047	94.20	87339	92.82	87360
2234	509.9	4407.7	1012	100.02	88059	97.52	88047	95.37	88003	92.12	87270	91.12	87339	88.31	88064
2235	510.9	4407.7	1013	98.97	88059	95.94	88047	95.78	88003	94.44	88064	92.52	87339	92.15	87270
2236	511.9	4407.7	1014	98.78	88003	98.76	88059	97.24	88047	93.94	88064	92.50	87339	91.27	87360

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2237	512.9	4407.7	1015	139.95	88059	121.48	88003	119.83	86339	117.37	87270	116.18	85040	116.14	87314
2278	482.9	4408.7	1016	124.26	88047	118.03	88340	107.31	85070	103.05	85040	102.21	88059	99.85	85360
2279	483.9	4408.7	1017	127.73	88047	107.75	85070	104.25	85040	102.47	88059	102.35	85360	99.01	88016
2280	484.9	4408.7	1018	127.39	88047	116.42	88016	111.85	85070	109.66	88059	106.52	85360	105.62	85040
2281	485.9	4408.7	1019	124.04	88047	113.45	88016	111.89	85070	110.95	88059	108.66	85360	103.51	85040
2282	486.9	4408.7	1020	124.50	88047	112.05	88059	109.26	85070	105.13	85360	102.62	85040	101.57	88016
2283	487.9	4408.7	1021	130.21	88047	117.45	88059	109.01	85070	106.73	85360	103.96	85040	100.43	87270
2284	488.9	4408.7	1022	137.45	88047	118.47	88059	107.39	85070	107.08	85360	104.15	85040	102.41	87270
2285	489.9	4408.7	1023	139.86	88047	120.15	88059	108.28	87270	107.36	85360	105.28	85070	103.63	85040
2286	490.9	4408.7	1024	136.96	88047	116.46	88059	107.97	85360	104.07	85070	102.58	87270	101.47	85040
2287	491.9	4408.7	1025	133.15	88047	116.69	88059	106.96	85360	104.15	87270	102.62	85070	101.85	85040
2288	492.9	4408.7	1026	130.92	88047	125.54	88059	110.52	87270	109.44	85360	104.11	85040	102.78	85070
2289	493.9	4408.7	1027	127.08	88047	120.78	88059	106.03	85360	104.64	87337	104.30	87270	103.90	88064
2290	494.9	4408.7	1028	127.72	88047	127.34	88059	108.84	87270	107.13	85360	104.81	88064	104.26	85040
2291	495.9	4408.7	1029	124.09	88047	123.11	88059	108.60	87337	107.82	88003	106.25	87352	106.21	85360
2292	496.9	4408.7	1030	130.92	88059	124.74	88047	113.68	87270	110.64	87352	107.67	86339	106.91	85040
2293	497.9	4408.7	1031	136.00	88059	125.04	88047	119.40	87352	111.16	87270	111.04	87350	110.80	88003
2294	498.9	4408.7	1032	143.26	88059	128.96	88047	120.25	87352	119.59	86339	117.14	87270	115.73	87350
2295	499.9	4408.7	1033	143.77	88059	133.33	88047	123.64	87270	123.56	87352	114.91	87350	114.82	87359
2296	500.9	4408.7	1034	166.75	88059	142.69	88047	140.85	87270	140.37	86339	131.74	87001	130.50	87351
2297	501.9	4408.7	1035	148.96	88059	143.40	87337	140.30	88003	138.17	87352	136.11	87333	135.49	87351
2298	502.9	4408.7	1036	162.37	88059	138.21	86339	137.18	87270	133.66	85340	132.54	87337	131.14	87333
2299	503.9	4408.7	1037	139.41	86355	127.35	88059	126.05	87333	122.24	87339	121.75	87337	120.89	87352
2300	504.9	4408.7	1038	132.28	88059	115.26	85340	114.74	87270	114.00	88003	113.34	87352	106.60	87339
2301	505.9	4408.7	1039	118.49	88059	113.42	87352	112.52	88003	109.75	86355	108.64	87270	108.04	87360
2302	506.9	4408.7	1040	117.09	88059	111.81	88003	104.59	87352	103.62	87339	102.42	87270	102.29	87360
2303	507.9	4408.7	1041	112.51	88059	103.08	88003	101.24	87270	100.70	87339	97.48	85340	96.46	87360
2304	508.9	4408.7	1042	103.75	88059	101.78	88003	98.72	87270	97.48	87339	94.39	87360	93.51	88047
2305	509.9	4408.7	1043	99.48	88059	95.62	88047	95.48	88003	93.73	87339	91.71	87270	89.44	87360
2306	510.9	4408.7	1044	99.62	88059	96.05	87339	94.32	88047	94.01	88003	92.26	87270	91.45	88064
2307	511.9	4408.7	1045	99.92	88059	99.37	88003	96.22	88047	96.18	87339	92.52	88064	91.77	87270
2308	512.9	4408.7	1046	147.20	88059	129.58	86339	123.81	87270	123.47	88003	118.89	87314	118.66	87337
2349	482.9	4409.7	1047	124.27	88047	109.29	85070	102.10	88059	101.83	85360	99.98	88016	99.76	85040
2350	483.9	4409.7	1048	124.34	88016	121.72	88047	114.17	85070	103.66	85360	100.82	85328	100.73	88059
2351	484.9	4409.7	1049	123.64	88047	112.84	85070	108.30	88059	107.17	88016	106.61	85360	102.62	85040
2352	485.9	4409.7	1050	135.45	88047	109.45	85070	108.59	88059	102.86	85360	101.89	85040	94.92	89014
2353	486.9	4409.7	1051	141.49	88047	109.30	88059	105.29	85070	105.02	85360	102.13	85040	95.26	89014
2354	487.9	4409.7	1052	136.63	88047	112.36	88059	105.91	85360	104.84	85070	100.84	85040	97.21	87270
2355	488.9	4409.7	1053	129.86	88047	113.37	88059	107.39	85360	105.38	85070	101.05	85040	100.37	87270
2356	489.9	4409.7	1054	125.80	88047	116.21	88059	110.24	85360	104.59	85070	104.21	87270	101.49	85040
2357	490.9	4409.7	1055	122.91	88047	114.64	88059	106.90	85360	102.84	85070	101.96	85040	100.07	87270
2358	491.9	4409.7	1056	120.16	88047	116.35	88059	108.11	85360	103.67	85070	103.40	85040	100.37	87270
2359	492.9	4409.7	1057	123.69	88059	121.77	88047	107.84	87270	107.20	85360	104.87	85040	104.63	85070
2360	493.9	4409.7	1058	120.65	88059	120.47	88047	102.27	85040	102.16	87270	102.11	85360	101.61	87352
2361	494.9	4409.7	1059	128.89	88059	121.22	88047	106.58	87270	105.03	85360	104.10	88064	103.74	85040
2362	495.9	4409.7	1060	125.93	88059	123.24	88047	112.85	87352	110.53	88064	107.20	88003	106.63	87350
2363	496.9	4409.7	1061	134.92	88059	127.15	88047	121.66	86339	119.93	87352	117.28	88003	114.53	87270
2364	497.9	4409.7	1062	142.49	88059	127.29	88047	121.07	86339	119.43	87352	118.75	87270	117.34	87337
2365	498.9	4409.7	1063	146.80	88059	129.32	88047	124.80	87270	121.35	87359	120.23	86339	115.82	87337
2366	499.9	4409.7	1064	146.38	88059	133.71	88047	121.64	87270	116.72	87352	116.56	87333	116.49	87337
2367	500.9	4409.7	1065	157.77	88059	132.02	87270	129.84	87333	129.41	87351	129.25	88047	126.89	86339

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2368	501.9	4409.7	1066	140.70	88059	134.90	88003	128.78	87337	127.72	87352	117.49	89004	116.29	87270
2369	502.9	4409.7	1067	139.35	88059	119.11	87270	118.12	85340	113.79	88003	108.55	87333	107.58	87352
2370	503.9	4409.7	1068	121.09	88059	115.81	87333	114.32	86355	113.50	87352	109.04	87339	108.29	87337
2371	504.9	4409.7	1069	135.19	88059	118.53	87270	113.32	85340	109.33	87339	108.87	86355	108.57	86351
2372	505.9	4409.7	1070	118.34	88059	111.48	87352	109.83	86355	108.82	87339	108.51	88003	107.31	87270
2373	506.9	4409.7	1071	116.38	88059	107.99	88003	105.11	87339	104.94	87352	104.31	87270	102.63	87360
2374	507.9	4409.7	1072	111.58	88059	102.71	88003	100.09	87339	99.93	87270	97.26	85340	95.60	87352
2375	508.9	4409.7	1073	104.45	88059	101.31	88003	100.22	87339	98.05	87270	94.45	87360	92.41	88047
2376	509.9	4409.7	1074	100.66	88059	98.27	88003	97.73	87339	92.73	88047	92.39	87360	91.64	87270
2377	510.9	4409.7	1075	101.68	88059	97.68	88003	97.54	87339	93.33	87270	91.05	88047	89.57	87360
2378	511.9	4409.7	1076	101.75	88059	99.29	87339	98.06	88003	93.94	87270	93.13	88047	91.29	87360
2379	512.9	4409.7	1077	152.18	88059	135.84	86339	128.48	87270	124.17	87359	122.54	88003	121.20	87337
2420	482.9	4410.7	1078	125.24	88047	124.21	88016	121.08	85070	117.34	85328	104.22	86353	101.90	85360
2421	483.9	4410.7	1079	159.69	88047	109.90	85070	103.73	85360	99.18	88059	98.64	85040	97.36	89014
2422	484.9	4410.7	1080	145.71	88047	106.16	85070	106.10	88059	105.40	85360	100.49	85040	96.02	89014
2423	485.9	4410.7	1081	124.17	88047	107.67	88059	105.45	85360	104.79	85070	98.76	85040	94.72	89014
2424	486.9	4410.7	1082	116.80	88047	109.40	88059	108.26	85360	105.73	85070	99.40	85040	94.90	89014
2425	487.9	4410.7	1083	117.27	88047	112.35	88059	108.38	85360	104.03	85070	99.46	85040	98.72	87270
2426	488.9	4410.7	1084	116.73	88047	114.97	88059	109.09	85360	103.52	85070	98.54	87270	98.00	85040
2427	489.9	4410.7	1085	116.69	88047	116.22	88059	107.48	85360	104.59	85070	103.25	87270	100.10	85040
2428	490.9	4410.7	1086	117.50	88047	116.26	88059	106.72	85360	103.80	85070	100.76	85040	99.37	87270
2429	491.9	4410.7	1087	118.30	88059	118.27	88047	104.34	85360	102.35	85070	101.22	87270	101.21	85040
2430	492.9	4410.7	1088	127.69	88059	120.00	88047	110.16	87270	106.62	85360	104.41	85070	104.37	85040
2431	493.9	4410.7	1089	124.68	88059	120.18	88047	106.79	85360	104.96	87352	104.55	85070	102.92	87337
2432	494.9	4410.7	1090	134.62	88059	121.98	88047	116.49	86339	112.03	85360	111.01	87270	107.07	85070
2433	495.9	4410.7	1091	133.99	88059	126.60	88047	122.41	86339	114.56	85360	113.76	87352	113.39	87337
2434	496.9	4410.7	1092	139.50	88059	126.05	88047	121.86	86339	120.09	87270	118.57	87337	117.57	87359
2435	497.9	4410.7	1093	138.34	88059	122.14	88047	113.76	87337	112.96	87270	110.62	87352	109.51	87359
2436	498.9	4410.7	1094	134.11	88059	124.50	88047	111.88	87270	109.23	87352	105.71	87350	104.75	87339
2437	499.9	4410.7	1095	137.36	88059	119.41	88047	116.61	87270	111.22	87352	110.48	87351	109.91	87333
2438	500.9	4410.7	1096	151.36	88059	129.37	87270	122.06	87351	121.75	87333	120.52	87352	118.80	87353
2439	501.9	4410.7	1097	143.80	88059	128.51	88003	125.86	87337	125.60	87352	119.27	89004	116.36	87270
2440	502.9	4410.7	1098	136.68	88059	118.05	85340	117.40	87270	113.23	88003	108.22	87352	107.76	87333
2441	503.9	4410.7	1099	118.17	88059	109.11	87352	108.39	87333	107.12	87337	106.72	87339	105.17	88003
2442	504.9	4410.7	1100	128.85	88059	117.64	87270	108.88	87339	108.34	86355	107.37	87352	106.37	85340
2443	505.9	4410.7	1101	120.72	88059	111.84	87339	111.26	87352	109.21	87270	108.46	87333	107.49	86355
2444	506.9	4410.7	1102	115.73	88059	107.81	87339	104.60	87270	102.70	88003	102.30	87360	101.62	86355
2445	507.9	4410.7	1103	113.49	88059	102.43	88003	102.36	87339	100.73	87270	100.66	87352	95.51	87360
2446	508.9	4410.7	1104	105.47	88059	103.24	88003	100.23	87339	97.92	87270	95.02	87360	93.46	87352
2447	509.9	4410.7	1105	102.17	88059	98.42	87339	97.38	88003	92.57	87360	91.51	87270	90.96	88047
2448	510.9	4410.7	1106	102.15	88059	101.10	88003	100.85	87339	94.49	87270	92.99	87360	89.56	87337
2449	511.9	4410.7	1107	103.67	88059	102.30	87339	101.32	88003	95.52	87270	92.05	87360	91.10	87337
2450	512.9	4410.7	1108	155.33	88059	138.48	86339	132.37	87270	127.76	87359	123.67	87337	121.93	88003
2491	482.9	4411.7	1109	121.48	89346	117.02	88047	106.98	85040	105.99	85070	104.06	85360	102.08	88059
2492	483.9	4411.7	1110	113.53	88047	108.63	89346	106.44	85070	105.68	85360	104.99	85040	98.08	88059
2493	484.9	4411.7	1111	113.00	88047	108.32	85360	106.51	88059	105.91	85070	102.88	85040	95.63	89346
2494	485.9	4411.7	1112	111.34	88047	108.61	88059	107.44	85360	103.96	85070	99.31	85040	93.21	87270
2495	486.9	4411.7	1113	113.13	88047	110.59	88059	107.24	85360	103.61	85070	100.10	85040	95.91	87270
2496	487.9	4411.7	1114	113.42	88059	113.20	88047	107.76	85360	103.02	85070	99.94	85040	98.13	87270
2497	488.9	4411.7	1115	113.89	88059	113.84	88047	106.94	85360	103.11	85070	101.22	85040	98.39	87270
2498	489.9	4411.7	1116	115.93	88059	115.27	88047	105.30	85360	102.50	85070	102.31	85040	101.14	87270

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2499	490.9	4411.7	1117	117.74	88059	116.03	88047	104.38	85360	104.12	85070	101.17	85040	97.81	87270
2500	491.9	4411.7	1118	121.00	88059	116.58	88047	107.13	85360	106.05	85070	101.32	85040	100.35	87270
2501	492.9	4411.7	1119	128.37	88059	119.76	88047	110.51	85360	107.86	87270	107.32	85070	106.49	86339
2502	493.9	4411.7	1120	128.11	88059	125.17	88047	109.71	85360	108.96	87352	107.84	85070	104.21	86339
2503	494.9	4411.7	1121	137.93	88059	126.72	88047	114.80	86339	113.44	85360	113.15	87270	111.86	87350
2504	495.9	4411.7	1122	129.95	88059	125.35	88047	115.47	88340	114.66	87352	112.64	87337	111.28	87359
2505	496.9	4411.7	1123	129.07	88059	119.23	88047	112.69	87270	109.35	87352	106.61	87337	103.67	85360
2506	497.9	4411.7	1124	134.84	88059	117.33	88047	109.67	87270	108.95	87352	105.19	87339	104.97	87337
2507	498.9	4411.7	1125	132.52	88059	117.86	88047	115.67	87270	110.88	87352	104.70	88003	104.40	87333
2508	499.9	4411.7	1126	135.66	88059	114.87	87351	114.67	87270	114.58	87333	113.60	88047	109.47	87352
2509	500.9	4411.7	1127	155.17	88059	131.69	87270	122.92	87351	120.30	87333	119.83	87352	119.63	86339
2510	501.9	4411.7	1128	143.60	88059	126.73	87337	126.54	87352	126.26	88003	121.27	89004	117.04	87270
2511	502.9	4411.7	1129	136.09	88059	119.10	85340	114.50	87270	109.54	88003	109.24	87352	107.94	87333
2512	503.9	4411.7	1130	122.96	88059	109.11	87333	109.04	87337	107.36	87352	106.56	87339	105.67	88003
2513	504.9	4411.7	1131	123.31	88059	113.50	87270	110.79	86355	109.19	87352	107.93	87339	103.74	85340
2514	505.9	4411.7	1132	116.80	88059	106.16	87352	105.87	87339	102.06	87270	99.74	88003	98.51	86355
2515	506.9	4411.7	1133	119.92	88059	109.52	87339	105.93	87270	104.00	87352	101.34	87350	98.53	87360
2516	507.9	4411.7	1134	118.18	88059	107.49	88003	106.52	87339	105.12	87352	101.59	87270	100.07	87360
2517	508.9	4411.7	1135	106.49	88059	105.55	88003	104.67	87339	103.24	87352	97.68	87270	96.80	87360
2518	509.9	4411.7	1136	106.12	88059	100.59	87339	100.00	88003	95.19	87360	92.65	87337	92.23	87270
2519	510.9	4411.7	1137	103.52	88003	101.79	88059	99.44	87339	94.38	87360	93.41	87270	91.69	87337
2520	511.9	4411.7	1138	104.27	88059	101.75	87339	99.67	88003	94.62	87270	93.88	87360	93.10	87337
2521	512.9	4411.7	1139	150.36	88059	140.52	86339	131.86	87270	128.07	87359	125.65	87337	122.00	87339
2522	482.9	4412.7	1140	109.58	88047	107.88	85360	106.75	85070	105.98	88059	97.43	85040	94.47	89014
2523	483.9	4412.7	1141	107.62	88047	104.63	85360	104.46	85070	98.52	88059	95.00	85040	92.24	89014
2524	484.9	4412.7	1142	110.59	88047	106.01	88059	105.47	85360	104.20	85070	96.51	85040	90.53	89014
2525	485.9	4412.7	1143	109.27	88047	107.85	88059	105.43	85360	102.83	85070	97.59	85040	92.74	87270
2526	486.9	4412.7	1144	108.35	88047	107.71	88059	107.04	85360	103.37	85070	96.81	85040	93.54	87270
2527	487.9	4412.7	1145	111.09	88059	108.06	88047	104.05	85360	102.56	85070	95.65	85040	94.46	87270
2528	488.9	4412.7	1146	113.28	88059	107.85	88047	103.58	85070	102.45	85360	95.50	85040	94.77	87270
2529	489.9	4412.7	1147	115.65	88059	108.92	88047	104.68	85360	104.64	85070	97.25	85040	97.09	87270
2530	490.9	4412.7	1148	117.70	88059	113.91	88047	109.02	85360	106.18	85070	99.36	85040	96.99	87270
2531	491.9	4412.7	1149	125.14	88059	117.86	88047	111.26	85360	109.78	85070	103.16	86339	102.98	87270
2532	492.9	4412.7	1150	137.46	88059	124.40	88047	116.16	85360	114.74	87270	114.71	86339	111.75	85070
2533	493.9	4412.7	1151	133.86	88059	128.06	88047	113.29	85360	112.17	87270	112.15	86339	112.08	87337
2534	494.9	4412.7	1152	138.45	88059	126.48	88047	122.51	86339	120.17	87270	119.12	87359	115.54	85360
2535	495.9	4412.7	1153	127.12	88059	116.25	88047	115.78	87337	109.47	87339	108.22	87270	106.84	87352
2536	496.9	4412.7	1154	129.99	88059	113.38	87270	111.94	88047	107.67	87337	106.32	87339	104.05	87352
2537	497.9	4412.7	1155	132.55	88059	112.73	87270	111.33	88047	108.15	87352	105.91	87337	103.52	87339
2538	498.9	4412.7	1156	130.43	88059	114.59	88047	113.28	87270	109.97	87351	107.84	87333	106.22	87352
2539	499.9	4412.7	1157	137.20	88059	115.23	87270	114.43	87333	111.02	87351	110.73	88047	107.13	87352
2540	500.9	4412.7	1158	159.41	88059	136.40	87270	121.78	85340	121.25	86339	119.58	87333	119.52	87353
2541	501.9	4412.7	1159	145.15	88059	126.91	87337	124.39	88003	123.71	87352	122.92	89004	118.94	88340
2542	502.9	4412.7	1160	136.80	88059	116.65	85340	114.01	87270	110.29	87352	109.66	87339	109.20	87337
2543	503.9	4412.7	1161	125.44	88059	109.42	87333	107.72	87337	106.65	87339	105.69	87352	104.15	87270
2544	504.9	4412.7	1162	126.24	88059	113.21	86355	112.57	87270	111.18	87339	108.91	87352	107.86	85340
2545	505.9	4412.7	1163	115.79	88059	110.74	87339	106.08	87352	103.01	86355	102.20	87270	99.73	88003
2546	506.9	4412.7	1164	124.65	88059	112.65	87339	109.34	87270	101.33	87352	99.18	87350	98.98	86351
2547	507.9	4412.7	1165	133.18	88059	123.39	87339	119.90	87270	114.23	87350	113.93	86339	113.45	85340
2548	508.9	4412.7	1166	117.82	87339	111.87	88059	107.29	88003	107.14	87352	105.19	87270	104.79	86355
2549	509.9	4412.7	1167	112.26	88059	105.02	87339	98.94	88003	98.60	87270	95.90	87337	95.18	87350

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2590	510.9	4412.7	1168	107.76	88003	102.91	88059	102.20	87339	95.82	87337	95.73	87360	95.52	87352
2591	511.9	4412.7	1169	103.17	88059	100.19	88003	94.83	87339	93.47	87270	92.64	87352	90.39	87360
2592	512.9	4412.7	1170	122.41	88059	106.72	87270	104.12	88003	99.65	85340	96.91	87339	96.02	87337
2633	482.9	4413.7	1171	136.39	87327	114.27	88363	108.76	88047	107.53	85070	103.39	85360	101.69	88059
2634	483.9	4413.7	1172	109.15	85026	108.64	88047	103.95	85360	102.81	85070	98.99	88059	96.21	85006
2635	484.9	4413.7	1173	108.48	88047	106.52	88059	105.79	85360	103.19	85070	91.88	85040	90.34	87270
2636	485.9	4413.7	1174	107.64	88059	106.71	88047	104.71	85360	103.03	85070	93.58	87270	90.88	85040
2637	486.9	4413.7	1175	109.57	88059	108.24	88047	104.60	85360	103.57	85070	93.22	87270	91.35	85040
2638	487.9	4413.7	1176	110.71	88059	108.23	88047	103.55	85360	103.10	85070	93.07	87270	92.01	85040
2639	488.9	4413.7	1177	114.12	88059	110.87	88047	106.02	85360	104.06	85070	94.32	87270	93.32	85040
2640	489.9	4413.7	1178	115.61	88059	114.74	88047	108.93	85360	106.87	85070	97.48	87270	93.66	85040
2641	490.9	4413.7	1179	122.03	88047	118.26	88059	108.63	85360	108.54	85070	96.75	87270	94.33	85040
2642	491.9	4413.7	1180	124.44	88059	122.31	88047	111.05	85360	106.05	85070	103.04	87270	98.17	85040
2643	492.9	4413.7	1181	126.55	88059	123.25	88047	113.06	87270	109.03	85360	102.95	85070	100.58	86339
2644	493.9	4413.7	1182	129.94	88059	123.02	88047	110.02	87270	109.63	85360	106.20	87359	105.39	86339
2645	494.9	4413.7	1183	128.65	88059	113.37	88047	112.36	87270	105.74	87337	105.34	87351	105.20	87352
2646	495.9	4413.7	1184	119.99	88059	107.69	88047	105.11	87337	102.59	87270	102.52	87339	101.26	87352
2647	496.9	4413.7	1185	125.34	88059	111.55	87270	108.04	88047	100.53	87352	99.78	85360	98.45	87337
2648	497.9	4413.7	1186	129.57	88059	112.38	88047	108.82	87270	106.04	87352	104.33	87351	99.37	87339
2649	498.9	4413.7	1187	128.72	88059	109.87	88047	109.74	87270	104.57	87351	103.89	87333	102.71	87352
2650	499.9	4413.7	1188	135.82	88059	114.81	87270	108.44	88047	107.64	87351	107.14	87352	105.74	87333
2651	500.9	4413.7	1189	157.96	88059	135.08	87270	121.63	86339	120.82	87353	118.28	85340	116.79	87333
2652	501.9	4413.7	1190	145.47	88059	122.25	87337	120.09	88003	119.44	87352	118.98	89004	117.67	87270
2653	502.9	4413.7	1191	134.48	88059	111.56	87270	111.38	85340	109.83	87339	109.74	87352	106.64	88003
2654	503.9	4413.7	1192	125.57	88059	107.73	87339	107.07	87333	106.15	87352	103.54	87337	102.61	87270
2655	504.9	4413.7	1193	124.87	88059	110.52	87339	108.78	86355	108.70	87270	108.35	87352	105.32	85340
2656	505.9	4413.7	1194	115.45	88059	110.66	87339	105.50	87352	103.04	87270	101.95	86355	99.85	88003
2657	506.9	4413.7	1195	120.34	88059	108.49	87339	102.64	87270	98.32	87352	96.98	87350	94.09	88003
2658	507.9	4413.7	1196	120.01	88059	110.50	87339	110.06	87270	102.89	87352	99.85	87350	99.24	85340
2659	508.9	4413.7	1197	110.82	88059	108.21	87339	102.31	87270	99.48	87350	97.93	87352	96.45	88003
2660	509.9	4413.7	1198	108.70	88059	104.27	88003	100.18	87339	97.27	87352	96.05	87350	95.47	87270
2661	510.9	4413.7	1199	103.91	88059	102.76	88003	96.57	87352	96.30	87270	96.29	87339	93.99	87350
2662	511.9	4413.7	1200	102.89	88003	102.66	88059	93.08	87352	92.86	87337	92.72	87360	92.47	87270
2663	512.9	4413.7	1201	115.79	88059	101.35	87270	99.76	88003	96.61	85340	92.04	87337	91.63	87352
2704	482.9	4414.7	1202	119.49	86354	105.83	88047	104.75	85070	103.04	85360	102.15	88059	93.78	88341
2705	483.9	4414.7	1203	114.91	87327	107.29	88047	106.53	85070	103.58	85360	100.26	88059	96.37	88363
2706	484.9	4414.7	1204	108.51	88047	107.08	88059	104.42	85360	103.60	85070	91.07	85006	91.07	87270
2707	485.9	4414.7	1205	106.87	88047	105.43	88059	104.94	85360	101.83	85070	95.02	85026	91.22	87270
2708	486.9	4414.7	1206	108.67	88047	107.82	88059	106.75	85360	102.60	85070	94.18	87270	87.99	88016
2709	487.9	4414.7	1207	113.18	88047	111.84	88059	108.30	85360	105.76	85070	93.13	87270	89.24	88016
2710	488.9	4414.7	1208	120.11	88047	117.40	88059	111.65	85360	107.07	85070	97.21	87270	92.00	89014
2711	489.9	4414.7	1209	123.37	88047	118.10	88059	108.17	85360	103.67	85070	102.26	87270	91.40	85040
2712	490.9	4414.7	1210	127.44	88047	119.38	88059	110.72	85360	101.31	85070	99.91	87270	93.95	85040
2713	491.9	4414.7	1211	121.17	88059	120.33	88047	106.73	87270	106.66	85360	97.48	85070	97.40	87359
2714	492.9	4414.7	1212	126.19	88059	118.15	88047	112.65	87270	104.28	85360	98.02	87359	96.85	88015
2715	493.9	4414.7	1213	127.52	88059	117.78	88047	108.57	87270	105.31	86339	105.16	85360	101.34	87001
2716	494.9	4414.7	1214	122.62	88059	111.34	88047	108.70	87270	105.20	87352	104.45	87337	103.53	87351
2717	495.9	4414.7	1215	118.78	88059	110.27	88047	101.93	87270	101.62	87352	97.93	87351	97.49	87337
2718	496.9	4414.7	1216	124.78	88059	110.90	87270	109.35	88047	102.41	87351	100.81	87352	97.14	85360
2719	497.9	4414.7	1217	129.30	88059	114.36	88047	106.13	87352	105.87	87270	105.28	87351	99.27	87333
2720	498.9	4414.7	1218	130.04	88059	109.96	88047	109.46	87270	105.05	87352	103.74	87351	101.63	87333

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2721	499.9	4414.7	1219	136.51	88059	114.69	87270	108.67	88047	107.98	87352	105.65	87351	104.09	87333
2722	500.9	4414.7	1220	153.91	88059	130.14	87270	116.84	85340	116.77	87353	115.68	86339	111.84	87352
2723	501.9	4414.7	1221	145.67	88059	121.37	88003	119.70	87352	117.69	87337	117.27	89004	116.78	87270
2724	502.9	4414.7	1222	134.60	88059	110.01	87270	109.08	87352	108.87	85340	107.43	88003	107.04	87339
2725	503.9	4414.7	1223	126.31	88059	108.83	87352	105.43	87339	104.93	87333	102.73	88003	101.55	87337
2726	504.9	4414.7	1224	125.96	88059	108.62	87270	107.64	87339	105.42	87352	104.67	86355	104.09	85340
2727	505.9	4414.7	1225	118.03	88059	108.94	87339	106.14	87352	103.25	86355	102.70	87270	98.08	86345
2728	506.9	4414.7	1226	123.07	88059	107.92	87339	106.42	87270	101.87	87352	100.84	87350	98.48	88003
2729	507.9	4414.7	1227	116.81	88059	109.40	87270	108.46	87339	99.58	87352	99.44	87350	97.01	86355
2730	508.9	4414.7	1228	111.84	88059	106.42	87270	103.86	87339	97.26	87350	94.83	87352	93.52	86354
2731	509.9	4414.7	1229	108.86	88059	99.08	87339	97.91	88003	97.87	87352	96.20	87350	95.39	87270
2732	510.9	4414.7	1230	110.64	88003	101.84	87352	101.73	88059	94.76	87270	94.54	87350	93.67	88064
2733	511.9	4414.7	1231	102.34	88059	100.39	88003	95.02	87352	92.79	87360	91.78	87270	90.03	87337
2734	512.9	4414.7	1232	112.01	88059	101.22	88003	97.79	87270	96.45	85340	91.18	87360	90.86	89004
2775	482.9	4415.7	1233	109.53	88059	106.75	86354	105.50	88047	104.35	85360	100.55	85070	95.69	87270
2776	483.9	4415.7	1234	107.62	88047	104.99	85360	102.27	85070	100.03	88059	92.32	89014	91.78	86354
2777	484.9	4415.7	1235	108.35	88047	108.19	85360	105.89	88059	104.08	85070	102.57	87327	90.92	87270
2778	485.9	4415.7	1236	109.43	88047	107.18	85360	104.03	88059	103.56	85070	90.22	87270	88.71	89014
2779	486.9	4415.7	1237	112.70	88047	108.18	88059	107.48	85360	105.06	85070	93.28	87270	91.38	85006
2780	487.9	4415.7	1238	117.39	88047	108.96	85360	108.55	88059	102.23	85070	92.72	87270	92.62	85026
2781	488.9	4415.7	1239	121.46	88047	116.83	88059	106.73	85360	101.38	85070	98.48	87270	92.68	85040
2782	489.9	4415.7	1240	119.35	88047	117.84	88059	107.17	85360	102.45	87270	98.10	85070	92.96	87359
2783	490.9	4415.7	1241	115.62	88047	115.17	88059	103.33	85360	101.00	87270	95.23	85070	94.23	89014
2784	491.9	4415.7	1242	118.31	88059	110.39	88047	103.30	87270	101.47	85360	93.68	85070	92.48	89014
2785	492.9	4415.7	1243	124.50	88059	113.67	88047	112.44	87270	107.04	85360	101.25	86339	98.08	89014
2786	493.9	4415.7	1244	125.86	88059	116.73	88047	106.53	87351	106.42	87270	105.35	86339	104.45	87337
2787	494.9	4415.7	1245	125.21	88059	111.43	88047	110.02	87270	105.53	87337	102.62	87351	101.76	87352
2788	495.9	4415.7	1246	120.47	88059	108.63	88047	104.41	87270	101.75	87352	100.98	87351	99.08	87337
2789	496.9	4415.7	1247	127.31	88059	110.10	87270	109.28	88047	108.40	87351	99.87	87352	99.23	87337
2790	497.9	4415.7	1248	132.47	88059	112.31	88047	108.13	87270	105.21	87352	104.34	87351	102.07	87333
2791	498.9	4415.7	1249	131.47	88059	110.03	87270	107.09	88047	106.10	87352	104.85	87351	101.82	87333
2792	499.9	4415.7	1250	142.67	88059	117.21	87270	108.28	88047	106.89	87333	106.75	86339	106.48	87352
2793	500.9	4415.7	1251	154.13	88059	131.38	87270	118.48	86339	118.22	87353	116.14	85340	115.25	87333
2794	501.9	4415.7	1252	147.74	88059	118.03	87337	117.33	87270	116.79	87352	113.48	89004	112.60	87333
2795	502.9	4415.7	1253	139.28	88059	114.18	88003	111.21	87270	110.71	85340	110.65	87352	108.32	87337
2796	503.9	4415.7	1254	126.34	88059	112.83	87352	108.68	88003	105.06	87333	104.61	87339	102.75	88047
2797	504.9	4415.7	1255	125.98	88059	108.92	87270	106.67	87339	103.70	87333	103.05	87337	101.88	85340
2798	505.9	4415.7	1256	119.73	88059	104.94	86355	103.80	87339	103.52	87352	101.88	87270	101.15	86345
2799	506.9	4415.7	1257	117.70	88059	104.52	87270	103.87	87339	97.38	87352	96.48	86355	92.93	87360
2800	507.9	4415.7	1258	113.58	88059	106.99	87270	101.81	87339	94.61	87350	93.69	87352	91.16	86355
2801	508.9	4415.7	1259	107.47	88059	106.46	87270	97.78	87339	91.28	88003	91.10	87352	89.45	86351
2802	509.9	4415.7	1260	123.49	89024	122.03	88059	113.72	85314	108.94	87356	104.82	87314	102.38	87352
2803	510.9	4415.7	1261	124.20	88003	122.31	87352	121.34	85007	116.75	87351	108.34	86068	105.84	87350
2804	511.9	4415.7	1262	102.93	88059	100.71	88003	94.80	87337	93.56	87352	92.28	87360	92.06	87351
2805	512.9	4415.7	1263	110.19	88059	96.06	88003	95.38	85340	95.37	87270	90.63	87360	90.62	87352
2846	482.9	4416.7	1264	109.64	85360	106.12	88047	104.64	88059	103.03	88016	100.79	85070	99.01	87270
2847	483.9	4416.7	1265	108.39	85360	107.76	88047	103.67	85070	99.46	88059	99.28	86354	90.04	87270
2848	484.9	4416.7	1266	110.68	88047	109.11	85360	107.92	85070	102.37	88059	91.53	89014	89.69	87270
2849	485.9	4416.7	1267	114.76	88047	106.33	85360	104.45	85070	103.05	88059	91.70	87327	88.79	87270
2850	486.9	4416.7	1268	116.85	88047	107.82	88059	106.74	85360	99.86	85070	93.42	87270	89.51	85040
2851	487.9	4416.7	1269	118.86	88047	108.94	88059	103.63	85360	98.37	85070	94.06	87270	92.23	85040

SUMMARY OF MODEL RESULTS FOR 2025 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2852	488.9	4416.7	1270	116.36	88047	115.75	88059	105.10	85360	98.24	85026	97.42	87270	96.47	85070
2853	489.9	4416.7	1271	115.71	88059	112.64	88047	103.20	87270	102.08	85360	97.00	85026	95.36	85070
2854	490.9	4416.7	1272	113.50	88059	109.79	88047	103.67	85360	100.50	87270	95.34	85070	92.62	87327
2855	491.9	4416.7	1273	118.69	88059	108.22	88047	103.68	85360	101.06	87270	93.10	85070	92.51	88015
2856	492.9	4416.7	1274	125.31	88059	111.75	88047	111.57	87270	105.06	86339	104.28	85360	99.79	87351
2857	493.9	4416.7	1275	123.74	88059	110.34	88047	103.64	87270	103.02	87337	100.82	85360	100.31	87351
2858	494.9	4416.7	1276	123.32	88059	110.25	87270	106.79	88047	101.88	87351	99.64	87337	98.62	87352
2859	495.9	4416.7	1277	121.84	88059	105.98	88047	104.52	87351	101.76	87270	98.97	87337	97.91	87352
2860	496.9	4416.7	1278	126.64	88059	108.14	87270	108.04	88047	104.02	87351	100.50	87352	99.58	85360
2861	497.9	4416.7	1279	131.22	88059	107.94	88047	105.49	87270	103.30	87352	100.91	87337	100.69	87351
2862	498.9	4416.7	1280	132.21	88059	106.32	87352	106.18	87270	103.75	87351	103.59	88047	98.22	87337
2863	499.9	4416.7	1281	141.92	88059	115.35	87270	106.04	87352	105.12	86339	103.59	88047	102.75	87351
2864	500.9	4416.7	1282	148.53	88059	127.04	87270	112.55	87353	110.62	85340	110.34	86339	109.51	87333
2865	501.9	4416.7	1283	148.88	88059	116.61	87270	116.25	87337	111.46	87333	110.82	87352	109.25	89004
2866	502.9	4416.7	1284	150.17	88059	123.95	87270	123.92	87337	120.05	85340	116.31	87333	115.75	86339
2867	503.9	4416.7	1285	125.96	88059	115.88	87333	111.04	87352	109.82	87339	109.51	86355	107.66	87337
2868	504.9	4416.7	1286	124.14	88059	108.25	87270	103.39	87339	100.91	87337	99.89	87333	98.69	87352
2869	505.9	4416.7	1287	117.79	88059	101.74	86355	101.62	87352	100.71	87339	100.23	86345	99.86	87270
2870	506.9	4416.7	1288	114.73	88059	103.94	87270	100.51	87339	96.37	87352	95.42	86355	91.68	87360
2871	507.9	4416.7	1289	110.90	88059	103.40	87270	99.33	87339	93.17	87350	92.47	87352	90.31	87360
2872	508.9	4416.7	1290	107.43	88059	106.54	87270	98.59	87339	93.62	87350	93.62	87360	93.34	87352
2873	509.9	4416.7	1291	158.78	86339	154.53	88059	144.92	87359	140.69	87270	134.45	87350	129.82	87337
2874	510.9	4416.7	1292	147.75	86355	132.36	87333	127.65	86351	122.04	87352	121.48	86329	121.11	87339
2875	511.9	4416.7	1293	101.53	88059	97.61	88003	94.39	87352	92.67	87360	91.49	85340	90.71	87337
2876	512.9	4416.7	1294	108.36	88059	99.56	88003	95.84	85340	93.68	87270	91.78	87352	88.41	87339
Max				195.41		167.67		152.70		150.70		150.55		149.89	

## Appendix M

### Summary of Dispersion Model Results for 2030

## Appendix M – Summary of Dispersion Model Results for 2030

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1	477.9	4376.7	1	102.21	88064	98.06	85040	97.08	88291	90.97	88047	89.64	89288	88.37	86284
2	482.9	4376.7	2	118.40	88064	95.19	89288	95.01	85040	92.38	85270	91.89	88291	91.64	86107
3	487.9	4376.7	3	126.88	88064	110.06	89288	104.21	86107	101.33	85270	96.64	85040	95.39	86284
4	492.9	4376.7	4	135.85	88064	117.55	89288	116.23	86107	103.81	85270	101.72	89344	99.81	85007
5	497.9	4376.7	5	131.81	88064	123.66	89288	114.84	86107	109.18	85007	107.10	85270	100.91	88003
6	502.9	4376.7	6	142.61	88064	126.54	85007	118.48	88003	116.68	89288	115.80	86107	115.41	85326
7	507.9	4376.7	7	132.57	88064	131.32	85007	124.34	88003	119.51	85326	119.11	89288	111.72	86107
8	512.9	4376.7	8	115.84	88003	114.47	85326	108.87	89051	108.64	85007	106.16	88064	98.33	85315
9	517.9	4376.7	9	105.61	85326	105.48	88064	102.48	85007	99.60	88003	95.20	88354	94.18	86068
10	522.9	4376.7	10	101.50	88003	94.91	85326	93.93	86068	88.71	85007	88.69	88354	87.96	85332
11	527.9	4376.7	11	95.60	86068	85.51	85326	85.31	88354	83.13	88003	81.62	85332	76.37	85007
12	532.9	4376.7	12	92.16	86068	74.53	88354	70.64	85332	70.47	85326	68.41	86346	66.90	85320
13	537.9	4376.7	13	87.59	86068	67.83	85332	66.88	88354	65.31	85320	64.84	86030	63.22	86346
14	542.9	4376.7	14	85.52	86068	69.29	86030	64.41	88354	64.14	85320	62.98	86329	62.44	85332
15	547.9	4376.7	15	87.80	86068	66.38	86030	65.50	85320	62.20	86329	60.56	88354	60.14	85270
16	477.9	4381.7	16	119.57	85040	104.71	88064	100.87	88291	97.26	85270	95.15	88047	94.00	86284
17	482.9	4381.7	17	117.21	88064	114.25	85040	102.17	85270	98.06	88291	95.15	86284	93.20	89288
18	487.9	4381.7	18	130.41	88064	116.57	85040	109.60	85270	102.39	89288	101.53	86107	97.79	88291
19	492.9	4381.7	19	141.17	88064	119.13	86107	113.18	89288	111.21	85270	108.44	85040	101.57	89024
20	497.9	4381.7	20	139.50	88064	121.83	89288	117.17	86107	113.85	85270	107.75	85007	104.46	85040
21	502.9	4381.7	21	144.62	88064	125.99	88003	119.54	85007	119.47	86107	119.16	85326	116.24	89288
22	507.9	4381.7	22	139.37	88064	130.46	88003	124.22	85007	123.43	85326	119.40	86107	116.64	89288
23	512.9	4381.7	23	114.25	88003	107.48	88064	106.77	86107	106.65	85326	100.42	86068	99.23	85007
24	517.9	4381.7	24	112.41	88003	107.66	88064	102.56	85326	101.68	85007	98.18	86068	96.53	86107
25	522.9	4381.7	25	100.64	88003	97.45	86068	92.99	85326	88.43	86107	87.84	88354	87.14	85007
26	527.9	4381.7	26	97.64	86068	88.63	88003	84.97	85326	81.10	88354	77.08	85332	76.81	86329
27	532.9	4381.7	27	90.99	86068	70.52	88354	69.75	86329	69.05	86107	68.99	86346	68.92	85332
28	537.9	4381.7	28	88.06	86068	71.59	86030	68.40	86329	67.21	88354	66.36	86107	65.59	85332
29	542.9	4381.7	29	89.90	86068	67.22	85320	65.34	86030	64.98	86107	64.90	86329	60.76	88354
30	547.9	4381.7	30	84.34	86068	64.64	86107	64.50	86329	64.18	85320	62.37	86030	58.81	88348
31	477.9	4386.7	31	127.00	85040	111.36	88047	104.83	88291	100.36	85270	99.72	88064	92.26	86284
32	482.9	4386.7	32	137.20	85040	123.53	88064	118.22	88047	113.09	85270	107.37	88291	102.37	89024
33	487.9	4386.7	33	134.74	88064	126.04	85040	114.03	85270	110.68	88047	104.66	88291	100.44	86107
34	492.9	4386.7	34	132.61	88064	118.05	85040	117.23	86107	112.79	85270	107.09	88047	105.75	89288
35	497.9	4386.7	35	146.22	88064	120.74	89288	120.52	85270	116.85	86107	116.62	85040	115.71	88003
36	502.9	4386.7	36	143.34	88064	129.51	88003	118.39	86107	118.12	85007	117.93	85326	112.27	89288
37	507.9	4386.7	37	156.69	88003	152.05	88064	143.49	85007	141.98	85326	141.80	87352	129.70	87314
38	512.9	4386.7	38	111.11	86107	110.54	88003	108.68	88064	103.46	86068	102.63	85326	98.37	85007
39	517.9	4386.7	39	123.98	88003	109.99	88064	107.42	85007	103.13	85326	102.71	86068	98.92	86107
40	522.9	4386.7	40	99.96	86068	98.10	88003	95.52	85326	92.39	86107	89.66	88064	89.09	85007
41	527.9	4386.7	41	101.19	86068	94.43	88003	82.68	85007	82.46	86329	82.24	86346	81.18	86107
42	532.9	4386.7	42	95.90	86068	74.11	86329	72.56	86107	71.57	85320	71.45	85332	70.63	86030
43	537.9	4386.7	43	92.13	86068	69.92	86107	68.09	86329	67.33	85320	63.33	86030	62.17	88354
44	542.9	4386.7	44	85.71	86068	68.74	86107	68.04	86329	64.73	85320	63.01	86030	60.86	89320
45	547.9	4386.7	45	81.92	86068	66.92	85320	66.34	86107	65.00	86329	59.37	88348	58.89	89320

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
46	477.9	4391.7	46	133.76	85040	120.94	88047	109.73	85270	104.43	88064	96.59	88291	96.13	86284
47	482.9	4391.7	47	130.75	85040	123.50	88047	122.26	88064	113.60	85270	102.63	88291	99.04	86284
48	487.9	4391.7	48	130.15	85040	125.68	88047	124.74	88064	113.74	85270	108.68	88291	94.70	86107
49	492.9	4391.7	49	135.51	85040	131.40	88064	123.51	88047	120.90	85270	111.57	86107	109.43	88291
50	497.9	4391.7	50	142.80	88064	130.26	85040	129.88	85270	123.52	88047	118.09	88003	113.53	85007
51	502.9	4391.7	51	161.59	88064	144.80	88003	135.07	85007	123.86	85326	123.72	86107	122.72	87352
52	507.9	4391.7	52	135.88	88003	125.29	88064	117.07	87352	113.78	85007	112.56	85326	110.17	86107
53	512.9	4391.7	53	115.10	88064	114.45	88003	108.00	86107	105.76	86068	101.03	85007	99.83	87352
54	517.9	4391.7	54	129.36	88003	110.37	88064	109.26	85007	102.65	85326	102.48	86068	99.54	86107
55	522.9	4391.7	55	102.97	88003	102.79	86068	93.10	86107	91.80	88064	90.69	86329	90.05	85007
56	527.9	4391.7	56	104.16	86068	94.37	88003	87.27	86329	81.64	86346	80.76	86107	80.04	85007
57	532.9	4391.7	57	90.98	86068	75.45	86107	74.04	86329	72.06	88003	69.91	85320	68.54	86346
58	537.9	4391.7	58	84.29	86068	74.16	86107	71.16	86329	67.31	85320	62.43	88348	61.63	89320
59	542.9	4391.7	59	82.96	86068	71.70	86107	67.76	86329	65.72	85320	61.33	88348	59.01	88291
60	547.9	4391.7	60	79.80	86068	69.63	86107	65.72	86329	61.92	85320	59.93	88348	57.57	85004
61	477.9	4396.7	61	137.14	85040	132.12	88047	106.90	85270	102.18	85070	99.25	88016	94.47	88064
62	482.9	4396.7	62	146.83	88047	143.78	85040	116.23	85270	115.53	88064	109.55	87314	109.07	88016
63	487.9	4396.7	63	150.40	88047	144.43	85040	132.62	88064	125.70	85270	120.62	85328	119.27	88016
64	492.9	4396.7	64	149.04	88047	139.08	85040	138.48	88064	124.72	85270	115.50	87314	113.26	88291
65	497.9	4396.7	65	147.06	88064	142.85	88047	135.28	85040	130.30	88059	128.10	88003	124.12	85270
66	502.9	4396.7	66	149.35	88064	139.72	88003	131.33	87352	129.69	85007	127.92	88047	117.22	87327
67	507.9	4396.7	67	128.86	88003	122.74	88064	112.18	87352	111.30	86068	111.22	86107	111.12	88059
68	512.9	4396.7	68	113.92	88003	112.86	88064	110.00	87352	107.15	86107	104.28	85007	102.81	86068
69	517.9	4396.7	69	131.79	88003	113.96	88064	113.33	85007	110.34	86068	101.41	86107	101.02	85326
70	522.9	4396.7	70	106.92	88003	104.93	86068	94.65	86107	92.37	85007	91.38	88064	90.26	86346
71	527.9	4396.7	71	97.62	86068	95.93	88003	84.64	86107	84.28	86329	80.78	85007	78.13	87360
72	532.9	4396.7	72	89.81	86068	80.47	86107	76.61	86329	75.39	88003	69.70	85320	67.51	87360
73	537.9	4396.7	73	84.44	86068	77.14	86107	70.53	86329	65.70	88003	64.64	85007	64.54	85320
74	542.9	4396.7	74	78.40	86068	74.36	86107	67.56	86329	63.52	85007	62.10	88348	61.33	88291
75	547.9	4396.7	75	72.59	86068	72.12	86107	65.22	86329	60.45	85007	59.86	88291	59.84	88348
76	477.9	4401.7	76	133.53	85040	129.93	88047	114.54	85070	102.49	88016	101.45	85270	95.98	88059
77	482.9	4401.7	77	134.44	85040	130.38	88047	111.07	85070	107.46	85270	102.58	88016	102.22	88059
78	487.9	4401.7	78	140.48	88047	131.08	85040	115.14	88059	114.99	88064	114.77	85070	110.33	85270
79	492.9	4401.7	79	137.05	88047	132.37	85040	122.00	88064	119.31	88059	112.92	85270	110.55	88016
80	497.9	4401.7	80	131.34	88059	131.33	88047	129.92	88064	127.77	85040	118.70	88003	116.73	87352
81	502.9	4401.7	81	147.67	88003	142.38	87352	139.89	88047	137.50	88064	127.66	85007	125.18	88059
82	507.9	4401.7	82	122.07	88003	119.30	88047	119.06	88064	117.43	88059	108.06	87352	105.74	85040
83	512.9	4401.7	83	126.83	88003	116.64	87352	112.33	86068	111.08	88064	110.81	85007	107.80	88059
84	517.9	4401.7	84	129.68	88003	104.71	86068	103.55	88064	102.91	85007	102.71	87352	99.86	86329
85	522.9	4401.7	85	109.95	88003	100.10	86068	93.70	87360	89.65	88064	89.09	86329	88.64	86107
86	527.9	4401.7	86	94.64	86068	93.09	88003	83.05	86107	82.59	86329	82.31	87360	77.79	87339
87	532.9	4401.7	87	81.75	86068	78.48	86107	77.61	88003	72.79	87360	71.98	86329	68.66	87339
88	537.9	4401.7	88	77.38	86107	73.50	86068	69.11	88003	66.96	86329	66.05	87360	62.92	88291
89	542.9	4401.7	89	76.38	86107	68.30	86068	65.33	86329	64.17	88003	61.56	89346	61.12	87360
90	547.9	4401.7	90	74.34	86107	65.74	86068	63.99	86329	60.05	89346	59.26	88003	58.12	88291
91	477.9	4406.7	91	123.08	88047	116.93	85070	108.62	88004	106.53	85040	102.57	89024	102.13	88059
92	482.9	4406.7	92	132.23	88047	111.70	85360	111.26	85070	108.26	85040	103.81	88059	102.60	89014
93	487.9	4406.7	93	138.21	88047	120.00	88016	119.71	88059	116.03	85040	113.05	85070	112.98	85360
94	492.9	4406.7	94	140.12	88047	133.09	88059	119.54	85040	118.10	87270	114.83	85360	114.13	89014
95	497.9	4406.7	95	160.78	88059	143.36	88047	142.73	86339	136.93	87270	131.34	85040	127.73	87337
96	502.9	4406.7	96	179.04	88059	172.34	86339	158.09	88003	152.76	87270	152.57	87359	149.85	87350

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
97	507.9	4406.7	97	119.21	88059	110.43	88003	109.10	88047	106.00	87270	100.80	87339	100.17	85340
98	512.9	4406.7	98	124.84	89024	119.89	88059	115.03	88064	113.26	88047	107.25	85314	105.96	88003
99	517.9	4406.7	99	136.17	88003	129.05	85007	118.54	86068	115.07	87352	105.66	87351	105.44	85326
100	522.9	4406.7	100	103.22	88003	92.36	86068	88.30	87360	88.21	87339	87.19	86107	84.38	87325
101	527.9	4406.7	101	97.68	88003	90.37	87360	81.76	86068	79.96	86107	76.69	86329	75.98	88064
102	532.9	4406.7	102	84.79	88003	76.78	87360	75.49	86068	75.38	86107	70.21	86329	66.10	87325
103	537.9	4406.7	103	74.68	86107	74.31	88003	68.37	86068	68.01	87360	65.66	86329	62.50	89346
104	542.9	4406.7	104	73.11	86107	69.81	88003	64.86	86068	63.62	86329	63.18	87360	61.23	85015
105	547.9	4406.7	105	71.65	86107	64.43	88003	62.25	86068	62.00	86329	59.82	85015	59.70	89346
106	477.9	4411.7	106	118.05	88047	115.05	89014	114.00	85070	113.92	85360	109.06	85040	103.77	87270
107	482.9	4411.7	107	122.00	89346	121.30	88047	110.79	85040	109.72	85070	107.04	85360	105.76	88059
108	487.9	4411.7	108	117.34	88047	117.20	88059	111.02	85360	106.87	85070	103.29	85040	100.58	87270
109	492.9	4411.7	109	132.63	88059	124.33	88047	114.47	85360	111.50	85070	110.72	87270	109.15	86339
110	497.9	4411.7	110	139.89	88059	122.01	88047	112.83	87270	112.08	87352	108.73	87339	108.09	87337
111	502.9	4411.7	111	140.96	88059	122.32	85340	118.10	87270	112.76	88003	112.68	87352	111.01	87333
112	507.9	4411.7	112	123.47	88059	111.74	88003	110.83	87339	109.24	87352	105.08	87270	103.75	87360
113	512.9	4411.7	113	160.44	88059	150.92	86339	139.82	87270	137.25	87359	133.44	87337	128.68	87339
114	517.9	4411.7	114	141.27	86355	126.48	87360	125.21	87333	123.54	86351	123.27	85340	120.30	86329
115	522.9	4411.7	115	100.38	88003	93.05	87360	87.14	87339	84.43	85340	83.76	86329	83.40	87325
116	527.9	4411.7	116	92.31	88003	85.15	87360	77.42	86329	77.32	86107	77.19	87325	75.68	87339
117	532.9	4411.7	117	90.64	88003	84.90	87360	75.45	86107	72.72	86329	69.15	87325	67.69	86068
118	537.9	4411.7	118	79.46	88003	73.38	87360	73.34	86107	67.14	86329	63.60	86068	62.53	88064
119	542.9	4411.7	119	73.17	86107	71.20	88003	65.93	87360	64.58	86329	60.41	86068	60.24	88029
120	547.9	4411.7	120	71.29	86107	68.62	88003	62.10	86329	61.37	87360	58.72	86068	57.36	85015
121	477.9	4416.7	121	110.54	85360	106.62	88047	104.58	85070	97.46	88059	96.97	87351	92.99	87001
122	482.9	4416.7	122	112.95	85360	110.51	88047	108.15	88059	105.89	88016	104.40	85070	101.53	87270
123	487.9	4416.7	123	124.07	88047	112.55	88059	107.19	85360	101.99	85070	96.46	87270	95.51	85040
124	492.9	4416.7	124	130.07	88059	116.42	88047	115.16	87270	108.66	86339	108.45	85360	102.90	87351
125	497.9	4416.7	125	136.33	88059	112.25	88047	108.61	87270	106.48	87352	103.84	87337	103.13	87351
126	502.9	4416.7	126	158.26	88059	129.93	87337	129.61	87270	124.94	85340	123.07	86339	120.44	87333
127	507.9	4416.7	127	115.48	88059	107.17	87270	102.86	87339	96.65	87350	95.59	87352	93.12	87360
128	512.9	4416.7	128	113.69	88059	103.91	88003	99.99	85340	97.39	87270	95.84	87352	91.61	87339
129	517.9	4416.7	129	95.42	87352	94.26	88059	94.24	88003	91.27	87339	90.08	87360	89.42	87325
130	522.9	4416.7	130	100.72	87360	98.24	88003	89.06	85340	86.18	87325	84.83	88064	82.13	87339
131	527.9	4416.7	131	86.02	88003	86.00	87360	77.45	87325	74.02	87339	71.74	86107	70.97	85340
132	532.9	4416.7	132	82.50	87360	80.70	88003	72.48	87325	70.80	86107	68.19	88064	67.10	85340
133	537.9	4416.7	133	80.79	88003	80.42	87360	70.20	86107	66.08	87325	65.06	88064	63.78	88029
134	542.9	4416.7	134	75.61	88003	72.11	87360	68.65	86107	63.31	85015	61.77	88064	61.08	88029
135	547.9	4416.7	135	71.74	88003	67.92	86107	65.41	87360	61.10	85015	59.18	86329	59.16	88029
136	477.9	4421.7	136	112.27	88059	111.96	88047	111.51	85360	104.35	85070	92.76	87270	90.06	85006
137	482.9	4421.7	137	104.39	88059	104.26	85360	103.56	88047	102.27	85070	99.18	89014	91.95	87333
138	487.9	4421.7	138	118.94	88059	111.63	85360	106.52	88047	98.38	87270	97.22	85070	95.12	86339
139	492.9	4421.7	139	123.63	88059	106.90	87270	103.89	87351	103.65	88047	103.51	85360	98.63	87337
140	497.9	4421.7	140	136.51	88059	108.80	87270	101.51	86339	100.78	88047	100.26	86345	99.45	87351
141	502.9	4421.7	141	135.60	88059	115.55	87270	105.98	89004	104.97	87333	104.85	87337	101.96	85340
142	507.9	4421.7	142	118.10	88059	110.16	87270	100.24	87352	97.42	86345	97.37	85340	97.20	87337
143	512.9	4421.7	143	115.96	88059	100.91	87270	96.71	85340	95.46	87339	92.87	87360	92.29	87352
144	517.9	4421.7	144	94.15	88003	92.94	87360	92.77	88059	88.31	87352	87.35	85340	85.91	87325
145	522.9	4421.7	145	87.23	88003	86.33	87325	85.45	87360	82.05	87339	81.75	85340	77.53	88059
146	527.9	4421.7	146	95.10	87360	91.11	88003	79.30	87325	77.92	88064	77.75	85340	71.22	87339
147	532.9	4421.7	147	82.94	88003	81.53	87360	74.89	87325	70.92	86107	67.55	88064	66.86	87339

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
148	537.9	4421.7	148	80.31	88003	78.48	87360	69.62	86107	69.37	87325	66.82	88064	64.41	85340
149	542.9	4421.7	149	79.74	88003	74.58	87360	68.93	86107	64.44	88064	64.34	87325	63.06	88029
150	547.9	4421.7	150	72.36	88003	68.94	87360	67.75	86107	61.52	88029	61.04	88064	60.02	85015
151	477.9	4426.7	151	108.25	85360	103.25	88059	100.46	85070	88.69	88047	88.41	87270	86.82	89014
152	482.9	4426.7	152	115.52	85360	106.07	88059	95.20	87333	93.43	89014	92.55	87337	90.91	85070
153	487.9	4426.7	153	115.21	88059	101.22	85360	96.60	87270	91.39	86339	89.79	88047	89.40	87337
154	492.9	4426.7	154	113.26	88059	102.32	87270	91.21	87351	90.50	87337	89.07	88047	88.92	87333
155	497.9	4426.7	155	129.18	88059	103.46	87270	95.11	87353	94.73	87337	90.36	86339	89.42	86345
156	502.9	4426.7	156	130.94	88059	114.28	87270	102.65	87333	99.09	89004	95.36	87337	93.10	86345
157	507.9	4426.7	157	106.67	88059	100.22	87270	93.71	86345	91.58	87352	90.97	86355	89.32	87333
158	512.9	4426.7	158	112.17	88059	98.84	87270	88.33	85340	86.35	87339	86.01	87360	84.49	86355
159	517.9	4426.7	159	92.34	88059	85.65	87360	85.15	87339	84.40	87270	84.33	85340	82.37	88352
160	522.9	4426.7	160	90.75	87360	86.77	88003	82.45	87325	80.34	87339	79.02	85340	76.07	88059
161	527.9	4426.7	161	82.64	87360	81.09	88003	80.90	87325	76.24	85340	72.28	87339	71.03	88064
162	532.9	4426.7	162	92.58	87360	89.18	88003	75.01	88064	73.20	87325	72.77	85340	67.17	86107
163	537.9	4426.7	163	81.92	88003	78.98	87360	73.04	87325	69.72	86107	67.00	88064	65.92	85364
164	542.9	4426.7	164	78.83	88003	76.88	87360	68.90	86107	67.47	87325	66.24	88064	63.61	88029
165	547.9	4426.7	165	78.80	88003	72.60	87360	68.36	86107	64.09	88064	63.55	88029	62.50	87325
1ADAM	505.5	4408.4	166	135.61	88059	121.87	87270	119.18	88003	117.79	86355	117.05	85340	116.58	87352
2ARVA	492.6	4405.6	167	137.89	88047	126.58	88059	119.86	85040	113.41	87270	113.10	88016	110.96	85360
3AURO	511.0	4399.0	168	119.15	88003	114.73	88064	111.11	88059	107.96	86107	107.52	87352	107.02	86068
414ST	500.7	4398.8	169	155.79	88064	148.74	88003	141.90	88059	141.54	88047	140.47	86107	139.30	87352
5CAMP	501.1	4399.9	170	151.78	88064	150.14	88003	145.96	88059	143.28	87352	137.34	86107	137.01	87327
6SBDY	501.9	4393.1	171	157.39	88064	149.79	88003	141.63	85007	128.30	87327	127.04	87352	126.06	87350
7ENGL	501.0	4386.3	172	148.41	88064	144.40	85007	143.13	86107	132.04	88003	123.21	85326	119.33	89288
8GOLD	480.8	4400.6	173	135.56	85040	134.60	88047	114.48	85070	108.58	88016	107.59	85270	98.23	88059
9LAKE	490.8	4395.6	174	139.99	88047	137.51	88064	135.84	85040	118.70	85270	111.51	88291	106.70	88016
10WELB	504.3	4409.7	175	127.35	88059	117.95	86355	113.68	87352	112.77	87270	111.87	87339	107.08	88047
11AURA	499.5	4399.4	176	141.06	88064	136.27	88047	134.65	88059	132.42	85040	131.48	88003	120.72	87352
12DWP1	505.5	4408.4	177	131.32	88059	119.98	87270	118.47	88003	117.88	87352	114.66	85340	110.90	87351
13DWP2	504.3	4409.7	178	125.78	88059	111.55	88047	111.28	87352	110.07	87339	108.46	87270	107.61	87337
361	482.9	4381.7	179	117.21	88064	114.25	85040	102.17	85270	98.06	88291	95.15	86284	93.20	89288
362	483.9	4381.7	180	123.23	88064	113.65	85040	102.50	85270	99.21	88291	96.72	86284	95.47	89288
363	484.9	4381.7	181	129.36	88064	114.20	85040	102.95	85270	100.96	88291	95.64	86284	94.31	89288
364	485.9	4381.7	182	124.98	88064	114.79	85040	105.96	85270	99.85	88291	98.14	89288	94.52	88047
365	486.9	4381.7	183	128.26	88064	116.11	85040	109.06	85270	103.65	89288	101.95	86107	99.50	88291
366	487.9	4381.7	184	130.41	88064	116.57	85040	109.60	85270	102.39	89288	101.53	86107	97.79	88291
367	488.9	4381.7	185	128.12	88064	116.38	85040	110.53	85270	105.81	89288	102.95	86107	97.62	88291
368	489.9	4381.7	186	130.05	88064	115.58	85040	110.90	85270	109.86	86107	108.73	89288	95.79	88291
369	490.9	4381.7	187	134.37	88064	111.10	85270	110.98	89288	110.72	85040	103.04	86107	98.24	89344
370	491.9	4381.7	188	136.75	88064	113.38	85270	112.98	89288	110.18	85040	107.83	86107	98.38	89344
371	492.9	4381.7	189	141.17	88064	119.13	86107	113.18	89288	111.21	85270	108.44	85040	101.57	89024
372	493.9	4381.7	190	140.13	88064	115.17	89288	110.03	85270	109.32	86107	107.89	85040	100.04	89024
373	494.9	4381.7	191	139.70	88064	115.53	89288	112.68	86107	111.82	85270	105.67	85040	99.96	89344
374	495.9	4381.7	192	139.65	88064	117.18	89288	115.97	85270	108.67	86107	105.43	85040	104.06	89344
375	496.9	4381.7	193	137.09	88064	118.15	86107	115.35	85270	114.97	89288	106.43	85040	101.58	89344
376	497.9	4381.7	194	139.50	88064	121.83	89288	117.17	86107	113.85	85270	107.75	85007	104.46	85040
377	498.9	4381.7	195	135.51	88064	121.55	86107	120.90	89288	117.03	85270	114.68	88003	112.89	85007
378	499.9	4381.7	196	140.73	88064	133.54	86107	121.69	89288	118.06	85007	114.43	88003	110.18	85270
379	500.9	4381.7	197	138.67	86107	136.93	88064	132.57	85007	123.12	88003	119.49	89288	114.56	85326
380	501.9	4381.7	198	143.94	88064	129.47	85007	126.90	88003	119.07	89288	115.00	85326	111.84	86107

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
381	502.9	4381.7	199	144.62	88064	125.99	88003	119.54	85007	119.47	86107	119.16	85326	116.24	89288
382	503.9	4381.7	200	146.71	88064	132.09	88003	116.41	85326	116.17	85007	115.79	89288	111.12	86107
383	504.9	4381.7	201	141.32	88064	126.04	88003	124.66	86107	118.35	85326	112.96	85007	111.59	85270
384	505.9	4381.7	202	138.90	88064	128.50	88003	120.86	85007	119.67	85326	114.50	86107	113.49	89288
385	506.9	4381.7	203	140.65	88064	131.49	88003	120.74	85326	118.01	85007	115.38	86107	111.50	89288
386	507.9	4381.7	204	139.37	88064	130.46	88003	124.22	85007	123.43	85326	119.40	86107	116.64	89288
387	508.9	4381.7	205	142.04	88003	138.15	88064	134.39	85007	128.18	85326	119.17	87352	117.07	86107
388	509.9	4381.7	206	149.54	88003	136.81	88064	134.59	85007	128.93	85326	123.03	89051	118.41	87352
389	510.9	4381.7	207	141.57	88003	121.79	85007	121.74	85326	119.54	88064	116.55	88340	116.52	89051
390	511.9	4381.7	208	119.61	88003	113.26	88064	111.33	85326	102.53	85007	101.54	89051	100.87	88354
391	512.9	4381.7	209	114.25	88003	107.48	88064	106.77	86107	106.65	85326	100.42	86068	99.23	85007
432	482.9	4382.7	210	116.72	85040	115.73	88064	103.64	85270	99.40	88291	96.67	86284	95.79	88047
433	483.9	4382.7	211	122.70	88064	116.82	85040	104.83	85270	99.68	88291	98.87	86284	97.69	88047
434	484.9	4382.7	212	128.75	88064	116.71	85040	104.91	85270	101.03	88291	99.07	86284	97.86	88047
435	485.9	4382.7	213	126.87	88064	117.18	85040	108.24	85270	102.73	88291	98.77	88047	97.40	89288
436	486.9	4382.7	214	129.54	88064	120.48	85040	111.07	85270	104.90	88291	102.87	88047	102.31	89288
437	487.9	4382.7	215	134.13	88064	118.70	85040	111.30	85270	104.67	86107	103.60	89288	102.11	88291
438	488.9	4382.7	216	131.05	88064	117.18	85040	112.44	85270	105.48	89288	102.75	86107	100.09	88291
439	489.9	4382.7	217	130.85	88064	117.27	85040	113.40	85270	110.81	86107	106.78	89288	99.67	88291
440	490.9	4382.7	218	135.17	88064	116.07	85040	113.87	85270	111.14	89288	103.36	86107	98.77	85007
441	491.9	4382.7	219	136.57	88064	115.24	85270	113.27	89288	112.03	85040	106.06	86107	101.98	89344
442	492.9	4382.7	220	140.25	88064	118.15	86107	113.05	85270	111.41	89288	109.60	85040	102.28	85007
443	493.9	4382.7	221	139.15	88064	114.80	89288	110.87	85270	107.30	86107	105.51	85040	103.80	89024
444	494.9	4382.7	222	141.68	88064	114.26	89288	111.82	86107	111.44	85270	105.26	85040	99.35	89024
445	495.9	4382.7	223	141.50	88064	119.12	89288	115.51	85270	108.70	86107	103.57	89344	103.14	85040
446	496.9	4382.7	224	139.41	88064	119.03	86107	116.51	89288	116.13	85270	104.71	85040	103.31	89344
447	497.9	4382.7	225	142.82	88064	121.06	89288	115.34	85270	114.87	86107	110.52	85007	105.18	85040
448	498.9	4382.7	226	137.09	88064	122.02	86107	121.63	89288	117.61	85270	115.44	88003	114.88	85007
449	499.9	4382.7	227	141.89	88064	131.00	86107	121.43	85007	120.67	89288	116.42	88003	110.92	85270
450	500.9	4382.7	228	139.43	88064	139.27	86107	136.31	85007	124.38	88003	119.80	89288	115.65	85326
451	501.9	4382.7	229	144.18	88064	132.59	85007	130.26	88003	119.10	89288	116.31	85326	111.47	85270
452	502.9	4382.7	230	144.39	88064	128.24	88003	123.10	85007	120.33	85326	117.44	86107	116.45	89288
453	503.9	4382.7	231	148.18	88064	133.80	88003	118.30	85007	117.31	85326	114.46	89288	112.92	85270
454	504.9	4382.7	232	139.68	88064	128.36	88003	120.61	86107	118.38	85326	117.72	85007	112.02	85270
455	505.9	4382.7	233	141.63	88064	129.92	88003	122.59	85007	119.66	85326	114.74	89288	112.92	86107
456	506.9	4382.7	234	140.73	88064	133.06	88003	121.33	85326	120.81	85007	114.56	86107	111.63	87352
457	507.9	4382.7	235	141.37	88064	134.97	88003	129.02	85007	125.41	85326	118.07	86107	117.79	89288
458	508.9	4382.7	236	149.83	85007	149.48	88003	145.91	88064	134.27	85326	127.52	87352	121.97	87356
459	509.9	4382.7	237	164.02	88003	147.14	85007	139.60	88064	135.90	85326	132.28	89051	132.20	87352
460	510.9	4382.7	238	136.46	88003	120.16	88064	119.95	85007	119.10	85326	113.31	89051	111.86	87352
461	511.9	4382.7	239	117.27	88003	113.07	88064	111.47	85326	107.89	85007	106.22	86068	101.22	89051
462	512.9	4382.7	240	114.03	88003	108.86	85326	107.25	88064	103.37	86068	103.14	85007	102.86	86107
503	482.9	4383.7	241	118.74	88064	118.32	85040	104.57	85270	99.36	88291	98.96	88047	94.89	86284
504	483.9	4383.7	242	123.04	88064	118.65	85040	107.16	85270	100.02	88047	99.92	88291	97.66	86284
505	484.9	4383.7	243	129.59	88064	119.92	85040	106.12	85270	101.47	88291	101.41	88047	99.61	86284
506	485.9	4383.7	244	128.17	88064	119.97	85040	109.65	85270	103.12	88047	102.64	88291	100.53	86284
507	486.9	4383.7	245	132.62	88064	122.16	85040	111.94	85270	107.52	88047	105.74	88291	102.65	86107
508	487.9	4383.7	246	135.03	88064	121.24	85040	111.42	85270	106.09	88047	105.94	88291	104.17	86107
509	488.9	4383.7	247	134.97	88064	121.05	85040	114.12	85270	106.99	88047	106.49	89288	106.18	86107
510	489.9	4383.7	248	133.43	88064	120.58	85040	115.00	85270	111.82	86107	105.73	88047	105.13	89288
511	490.9	4383.7	249	133.93	88064	120.40	85040	115.22	85270	108.67	89288	104.23	86107	102.27	88047

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
512	491.9	4383.7	250	137.70	88064	119.34	85040	115.11	85270	112.51	89288	106.50	86107	105.33	89344
513	492.9	4383.7	251	137.14	88064	116.93	86107	115.50	85040	115.17	85270	109.99	89288	103.09	85007
514	493.9	4383.7	252	138.71	88064	114.03	89288	111.71	85270	110.97	85040	107.06	86107	99.34	85007
515	494.9	4383.7	253	143.15	88064	115.29	86107	115.25	89288	113.75	85270	111.84	85040	107.11	89024
516	495.9	4383.7	254	143.93	88064	118.79	89288	117.26	85270	111.05	85040	109.79	86107	105.14	89344
517	496.9	4383.7	255	142.08	88064	122.75	86107	121.23	85270	119.50	89288	110.07	85040	109.27	89344
518	497.9	4383.7	256	145.94	88064	121.80	89288	119.11	85270	116.90	86107	116.51	85007	109.69	85040
519	498.9	4383.7	257	141.50	88064	123.03	86107	122.70	89288	118.64	85270	117.36	85007	117.21	88003
520	499.9	4383.7	258	143.15	88064	132.64	86107	125.11	85007	120.18	89288	118.14	88003	114.52	85270
521	500.9	4383.7	259	143.09	88064	141.04	86107	138.35	85007	124.20	88003	119.46	89288	116.55	85326
522	501.9	4383.7	260	146.14	88064	131.03	88003	129.30	85007	117.04	89288	116.86	85326	111.83	86107
523	502.9	4383.7	261	142.63	88064	125.67	88003	118.20	85007	118.11	86107	117.61	85326	113.55	89288
524	503.9	4383.7	262	149.25	88064	131.64	88003	116.30	85326	114.44	85007	113.04	89288	112.24	85270
525	504.9	4383.7	263	134.44	88064	125.86	88003	120.37	86107	116.23	85326	113.05	85007	111.07	85270
526	505.9	4383.7	264	139.88	88064	127.30	88003	117.53	85326	117.11	85007	112.15	89288	111.92	85270
527	506.9	4383.7	265	139.61	88064	132.18	88003	120.52	85326	118.80	85007	117.30	86107	111.74	87352
528	507.9	4383.7	266	144.09	88064	138.28	88003	130.44	85007	127.87	85326	122.83	86107	119.92	87352
529	508.9	4383.7	267	157.96	88003	153.35	85007	151.18	88064	141.23	85326	136.98	87352	129.20	87356
530	509.9	4383.7	268	167.36	88003	142.12	85007	139.73	88340	136.94	87352	136.39	88064	132.03	85326
531	510.9	4383.7	269	124.18	88003	118.04	88064	114.48	85326	108.56	85007	105.78	86068	105.22	86107
532	511.9	4383.7	270	115.90	88003	110.80	88064	108.38	85326	103.77	86068	102.85	85007	98.59	86107
533	512.9	4383.7	271	111.58	88003	107.94	86107	106.91	88064	106.68	85326	102.53	86068	99.79	85007
574	482.9	4384.7	272	126.10	85040	120.38	88064	107.65	85270	100.76	88291	99.83	88047	96.88	86284
575	483.9	4384.7	273	125.15	85040	123.45	88064	110.15	85270	100.86	88291	100.21	88047	97.75	86284
576	484.9	4384.7	274	129.11	88064	125.99	85040	108.93	85270	100.67	88047	100.40	88291	97.26	86284
577	485.9	4384.7	275	128.23	88064	126.98	85040	111.37	85270	103.80	88047	102.62	88291	98.54	86284
578	486.9	4384.7	276	138.17	88064	128.39	85040	113.09	85270	107.93	88047	105.43	88291	102.64	86107
579	487.9	4384.7	277	133.60	88064	122.84	85040	111.03	85270	107.47	88047	104.80	86107	102.97	88291
580	488.9	4384.7	278	137.39	88064	123.63	85040	113.65	85270	110.51	88047	105.64	88291	103.90	86107
581	489.9	4384.7	279	136.83	88064	121.53	85040	113.82	85270	111.56	86107	109.15	88047	104.22	88291
582	490.9	4384.7	280	133.56	88064	120.68	85040	113.67	85270	106.20	88047	105.27	89288	103.77	86107
583	491.9	4384.7	281	133.98	88064	121.50	85040	114.29	85270	109.12	89288	106.06	86107	105.78	88047
584	492.9	4384.7	282	132.72	88064	116.34	86107	116.16	85040	114.28	85270	108.08	89288	102.29	88047
585	493.9	4384.7	283	136.05	88064	115.46	85040	112.34	85270	111.94	89288	104.18	86107	100.84	88291
586	494.9	4384.7	284	140.46	88064	114.67	86107	113.22	89288	112.57	85040	112.04	85270	99.88	88291
587	495.9	4384.7	285	142.91	88064	115.60	85270	115.39	89288	114.34	85040	109.10	86107	104.54	89024
588	496.9	4384.7	286	143.11	88064	125.55	86107	123.98	85270	120.20	89288	112.44	85040	111.06	89344
589	497.9	4384.7	287	149.04	88064	124.51	89288	122.85	85270	122.57	85007	122.31	86107	120.39	87356
590	498.9	4384.7	288	145.03	88064	126.99	86107	125.53	89288	125.34	85007	123.37	88003	122.13	85270
591	499.9	4384.7	289	146.31	88064	134.46	86107	132.66	85007	123.75	88003	120.85	89288	119.22	85270
592	500.9	4384.7	290	146.16	88064	145.15	86107	141.86	85007	126.20	88003	119.51	89288	119.20	85326
593	501.9	4384.7	291	147.86	88064	130.55	88003	129.60	85007	117.03	85326	116.37	89288	113.84	86107
594	502.9	4384.7	292	144.28	88064	123.69	88003	118.11	86107	116.22	85007	115.49	85326	112.31	85270
595	503.9	4384.7	293	149.30	88064	129.48	88003	115.95	85326	113.26	85007	112.42	85270	112.36	89288
596	504.9	4384.7	294	133.85	88064	121.79	88003	119.62	86107	115.08	85326	110.40	85007	110.10	85270
597	505.9	4384.7	295	137.72	88064	124.54	88003	114.44	85326	113.29	85007	111.73	85270	109.41	86107
598	506.9	4384.7	296	136.64	88064	129.11	88003	118.68	85326	116.04	86107	115.44	85007	111.52	85270
599	507.9	4384.7	297	146.15	88064	138.82	88003	131.56	85326	131.28	85007	125.68	86107	124.08	87352
600	508.9	4384.7	298	161.71	88003	147.40	88064	145.80	85007	140.52	85326	139.41	87352	134.49	88340
601	509.9	4384.7	299	149.30	88003	130.89	88064	125.48	87352	125.12	85007	121.74	85326	118.67	88340
602	510.9	4384.7	300	119.48	88003	117.01	88064	111.32	85326	104.30	85007	103.19	86107	102.49	86068

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
603	511.9	4384.7	301	111.19	88003	108.93	88064	104.07	85326	101.73	86068	99.36	85007	97.86	86107
604	512.9	4384.7	302	111.84	88003	107.38	86107	107.25	88064	103.74	85326	101.28	86068	97.82	85007
645	482.9	4385.7	303	130.64	85040	123.66	88064	111.68	85270	107.57	88047	104.39	88291	98.89	86284
646	483.9	4385.7	304	130.89	85040	127.31	88064	112.88	85270	109.67	88047	104.38	88291	98.41	86284
647	484.9	4385.7	305	128.22	88064	127.37	85040	113.47	85270	106.15	88047	101.86	88291	97.51	86284
648	485.9	4385.7	306	130.13	85040	128.01	88064	116.25	85270	109.17	88047	104.27	88291	101.24	86284
649	486.9	4385.7	307	135.84	88064	129.32	85040	114.82	85270	113.48	88047	105.51	88291	101.50	86284
650	487.9	4385.7	308	139.41	88064	124.31	85040	112.69	85270	111.01	88047	105.96	88291	104.10	86107
651	488.9	4385.7	309	137.88	88064	122.13	85040	114.40	85270	110.74	88047	103.01	86107	102.50	89288
652	489.9	4385.7	310	140.28	88064	120.92	85040	114.07	85270	111.28	86107	110.52	88047	103.67	89288
653	490.9	4385.7	311	137.64	88064	119.66	85040	114.07	85270	108.83	88047	104.26	89288	103.75	86107
654	491.9	4385.7	312	138.11	88064	120.88	85040	116.32	85270	109.78	88047	107.99	89288	106.06	86107
655	492.9	4385.7	313	130.63	88064	115.84	85040	113.43	86107	113.32	85270	105.46	89288	103.96	88047
656	493.9	4385.7	314	134.01	88064	111.99	85040	111.34	85270	108.68	89288	103.23	88047	100.63	86107
657	494.9	4385.7	315	138.14	88064	111.33	89288	111.12	86107	110.62	85270	110.49	85040	102.32	88047
658	495.9	4385.7	316	139.92	88064	115.09	89288	114.49	85270	111.26	85040	107.94	89024	107.50	86107
659	496.9	4385.7	317	144.39	88064	122.68	86107	122.22	85270	120.67	89288	113.51	85040	111.68	89024
660	497.9	4385.7	318	148.77	88064	121.73	89288	121.65	85270	117.95	85040	117.73	88003	117.62	85007
661	498.9	4385.7	319	145.61	88064	127.20	86107	127.09	89288	123.76	85270	123.35	88003	121.58	85007
662	499.9	4385.7	320	148.83	88064	138.30	85007	133.77	86107	131.18	88003	121.64	89288	119.87	85270
663	500.9	4385.7	321	147.72	88064	146.66	86107	142.40	85007	127.64	88003	120.85	85326	118.68	89288
664	501.9	4385.7	322	149.15	88064	134.34	88003	132.46	85007	117.36	85326	116.21	89288	115.60	86107
665	502.9	4385.7	323	142.41	88064	128.94	88003	121.10	85007	118.06	85326	117.94	86107	114.28	85270
666	503.9	4385.7	324	151.14	88064	131.43	88003	118.10	85007	117.91	85326	113.19	85270	112.19	89288
667	504.9	4385.7	325	136.84	88064	125.74	88003	121.78	86107	115.87	85007	115.57	85326	113.83	85270
668	505.9	4385.7	326	139.30	88064	127.24	88003	118.55	85007	115.59	85326	114.44	85270	110.38	86107
669	506.9	4385.7	327	140.62	88064	133.69	88003	124.31	85007	122.98	85326	116.24	86107	116.06	87352
670	507.9	4385.7	328	150.87	88064	148.23	88003	144.27	85007	140.40	85326	134.59	87352	124.93	87356
671	508.9	4385.7	329	165.52	88003	154.73	85007	148.00	88064	144.33	87352	143.07	88340	139.59	85326
672	509.9	4385.7	330	145.67	88003	134.66	85007	130.43	88064	125.68	87352	122.87	85326	119.29	86346
673	510.9	4385.7	331	118.17	88003	117.45	88064	110.47	85326	107.97	85007	104.16	86068	101.84	86107
674	511.9	4385.7	332	111.95	88003	109.75	88064	102.07	85326	101.49	86068	100.66	85007	98.06	89288
675	512.9	4385.7	333	108.30	88003	107.32	88064	106.02	86107	102.45	85326	100.60	86068	98.70	85007
716	482.9	4386.7	334	137.20	85040	123.53	88064	118.22	88047	113.09	85270	107.37	88291	102.37	89024
717	483.9	4386.7	335	131.51	85040	126.46	88064	117.20	88047	113.38	85270	104.92	88291	104.23	85007
718	484.9	4386.7	336	131.51	85040	127.91	88064	116.74	85270	113.23	88047	105.48	88291	98.60	86284
719	485.9	4386.7	337	135.45	85040	128.72	88064	117.75	88047	116.54	85270	105.86	88291	97.76	86284
720	486.9	4386.7	338	132.09	88064	129.92	85040	114.33	85270	111.75	88047	105.58	88291	100.42	86107
721	487.9	4386.7	339	134.74	88064	126.04	85040	114.03	85270	110.68	88047	104.66	88291	100.44	86107
722	488.9	4386.7	340	138.84	88064	124.24	85040	115.11	85270	110.41	88047	104.41	88291	102.54	86107
723	489.9	4386.7	341	140.79	88064	124.44	85040	116.11	85270	110.62	88047	109.24	86107	102.62	88291
724	490.9	4386.7	342	141.51	88064	120.45	85040	115.33	85270	109.98	88047	104.76	86107	102.23	89288
725	491.9	4386.7	343	142.32	88064	120.38	85040	116.47	85270	112.14	88047	106.50	86107	105.48	89288
726	492.9	4386.7	344	132.61	88064	118.05	85040	117.23	86107	112.79	85270	107.09	88047	105.75	89288
727	493.9	4386.7	345	133.72	88064	116.02	85040	113.74	85270	107.02	89288	104.11	88047	103.15	86107
728	494.9	4386.7	346	139.11	88064	116.05	85040	113.30	85270	110.71	86107	109.43	89288	105.42	88047
729	495.9	4386.7	347	142.58	88064	116.01	89288	115.44	85040	114.41	85270	107.98	88047	107.11	86107
730	496.9	4386.7	348	143.77	88064	126.20	86107	122.84	89024	120.93	85270	119.12	89288	118.08	85040
731	497.9	4386.7	349	146.22	88064	120.74	89288	120.52	85270	116.85	86107	116.62	85040	115.71	88003
732	498.9	4386.7	350	144.84	88064	128.26	89288	125.70	86107	123.59	85270	119.85	87356	118.41	85007
733	499.9	4386.7	351	149.60	88064	142.52	85007	134.84	88003	134.15	86107	121.21	89288	119.82	85270

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
734	500.9	4386.7	352	148.05	88064	147.16	86107	136.40	85007	126.03	88003	120.57	85326	116.58	89288
735	501.9	4386.7	353	148.09	88064	134.26	88003	128.71	85007	116.93	85326	116.77	86107	114.01	89288
736	502.9	4386.7	354	143.34	88064	129.51	88003	118.39	86107	118.12	85007	117.93	85326	112.27	89288
737	503.9	4386.7	355	146.37	88064	129.45	88003	115.24	85326	114.57	85007	111.99	85270	111.04	86107
738	504.9	4386.7	356	133.66	88064	126.31	88003	123.28	86107	114.65	85326	113.44	85270	112.95	85007
739	505.9	4386.7	357	138.97	88064	129.57	88003	116.55	85326	116.43	85007	114.66	85270	110.23	86107
740	506.9	4386.7	358	144.32	88064	137.43	88003	126.51	85326	126.08	85007	121.39	87352	119.92	85270
741	507.9	4386.7	359	156.69	88003	152.05	88064	143.49	85007	141.98	85326	141.80	87352	129.70	87314
742	508.9	4386.7	360	164.54	88003	150.24	85007	148.12	88064	147.89	88340	147.28	87352	136.76	85326
743	509.9	4386.7	361	149.53	88003	133.06	85007	132.22	88064	129.31	87352	125.05	86346	120.39	85326
744	510.9	4386.7	362	116.88	88003	116.52	88064	107.99	85326	107.42	86107	106.19	85007	102.98	86068
745	511.9	4386.7	363	113.30	88003	111.02	88064	102.04	86068	101.17	85326	100.69	86107	98.25	85007
746	512.9	4386.7	364	111.11	86107	110.54	88003	108.68	88064	103.46	86068	102.63	85326	98.37	85007
787	482.9	4387.7	365	143.12	85040	121.00	88064	118.22	88047	115.51	85270	112.71	88291	94.92	87314
788	483.9	4387.7	366	133.83	85040	126.92	88064	115.56	88047	110.15	85270	108.05	88291	97.68	89288
789	484.9	4387.7	367	135.48	85040	124.70	88064	117.02	88047	115.09	85270	107.34	88291	96.62	86284
790	485.9	4387.7	368	133.77	85040	121.88	88064	114.52	88047	112.56	85270	106.52	88291	92.85	86284
791	486.9	4387.7	369	131.30	85040	124.00	88064	112.59	85270	111.71	88047	103.42	88291	97.71	86107
792	487.9	4387.7	370	130.19	88064	128.44	85040	113.40	85270	110.93	88047	103.86	88291	98.27	86107
793	488.9	4387.7	371	136.28	88064	128.52	85040	114.97	85270	112.13	88047	105.06	88291	100.23	86107
794	489.9	4387.7	372	138.82	88064	127.76	85040	117.39	85270	112.86	88047	108.14	86107	103.31	88291
795	490.9	4387.7	373	139.76	88064	125.50	85040	116.30	85270	110.28	88047	100.89	86107	100.70	88291
796	491.9	4387.7	374	142.64	88064	121.97	85040	117.77	85270	110.67	88047	101.82	89288	100.51	86107
797	492.9	4387.7	375	138.76	88064	118.66	85040	117.86	86107	116.59	85270	111.18	88047	105.19	89288
798	493.9	4387.7	376	138.84	88064	118.77	85040	114.59	85270	111.67	88047	106.89	89288	105.35	86107
799	494.9	4387.7	377	140.98	88064	117.60	85040	116.46	85270	113.15	88047	112.82	86107	108.02	89288
800	495.9	4387.7	378	143.22	88064	119.05	85040	116.45	85270	112.78	88047	112.26	89288	105.24	88003
801	496.9	4387.7	379	143.17	88064	123.55	86107	120.20	85270	118.26	89288	118.12	85040	114.03	88047
802	497.9	4387.7	380	147.54	88064	133.99	89024	124.95	85270	122.91	89288	122.43	86107	116.73	85040
803	498.9	4387.7	381	148.24	88064	135.75	87356	133.10	89288	132.35	85007	127.42	86107	126.04	85270
804	499.9	4387.7	382	156.26	88064	156.19	85007	139.44	88003	134.90	86107	129.79	87352	123.76	85326
805	500.9	4387.7	383	146.66	88064	146.32	86107	134.35	85007	128.66	88003	119.98	85326	115.98	89288
806	501.9	4387.7	384	149.05	88064	133.55	88003	128.19	85007	118.61	85326	115.37	86107	113.81	89288
807	502.9	4387.7	385	145.22	88064	127.07	88003	119.56	86107	118.10	85007	116.03	85326	111.29	85270
808	503.9	4387.7	386	143.74	88064	126.94	88003	115.64	85326	114.85	85007	111.62	85270	109.53	86107
809	504.9	4387.7	387	134.70	88064	125.50	88003	121.51	86107	115.40	85326	114.37	85007	113.10	85270
810	505.9	4387.7	388	136.07	88064	129.81	88003	121.88	85007	118.41	85326	113.09	85270	109.00	87352
811	506.9	4387.7	389	144.59	88064	141.73	88003	130.54	85007	130.11	85326	126.45	87352	121.36	85270
812	507.9	4387.7	390	155.65	88003	143.41	88340	142.35	88064	140.22	87352	133.24	85326	132.34	85007
813	508.9	4387.7	391	142.62	88003	138.26	88064	127.83	87352	122.82	85326	119.94	88059	119.37	85007
814	509.9	4387.7	392	139.51	88003	132.20	88064	123.34	85007	122.65	87352	115.62	85326	113.83	86107
815	510.9	4387.7	393	124.74	88003	121.39	88064	117.01	85007	111.67	86068	110.94	85326	110.80	86107
816	511.9	4387.7	394	120.06	88003	113.79	88064	110.25	86068	106.11	85007	104.88	85326	99.76	86107
817	512.9	4387.7	395	114.15	88003	111.21	88064	107.59	86107	103.81	86068	102.16	85326	98.72	85007
858	482.9	4388.7	396	130.09	85040	122.07	88047	118.36	88064	108.46	88291	107.13	85270	95.98	86284
859	483.9	4388.7	397	131.24	85040	126.45	88064	122.83	88047	110.58	85270	108.65	88291	97.05	86284
860	484.9	4388.7	398	131.01	85040	123.71	88064	120.77	88047	110.85	85270	105.06	88291	94.47	86284
861	485.9	4388.7	399	127.19	85040	115.97	88047	115.89	88064	108.48	85270	102.77	88291	92.20	86284
862	486.9	4388.7	400	126.62	85040	118.68	88064	115.92	88047	108.56	85270	102.89	88291	93.01	86107
863	487.9	4388.7	401	129.64	85040	122.55	88064	117.90	88047	110.61	85270	102.71	88291	94.72	86107
864	488.9	4388.7	402	130.37	85040	129.27	88064	119.38	88047	113.31	85270	103.45	88291	97.94	89288

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
865	489.9	4388.7	403	137.99	88064	130.61	85040	120.71	88047	117.94	85270	107.07	86107	106.56	88291
866	490.9	4388.7	404	136.65	88064	127.77	85040	117.70	88047	117.02	85270	103.08	89024	102.88	89288
867	491.9	4388.7	405	140.70	88064	129.44	85040	119.91	85270	118.60	88047	103.04	89024	102.24	89288
868	492.9	4388.7	406	141.35	88064	130.00	85040	122.68	88047	122.26	85270	116.28	86107	106.16	89024
869	493.9	4388.7	407	146.64	88064	125.92	85040	120.30	85270	117.99	88047	111.06	88003	109.87	85007
870	494.9	4388.7	408	146.83	88064	123.47	85270	122.97	85040	119.30	88047	113.30	86107	108.47	89288
871	495.9	4388.7	409	149.04	88064	120.04	85270	119.03	85040	116.14	88047	111.35	88003	111.22	89288
872	496.9	4388.7	410	143.35	88064	123.08	85270	121.87	85040	120.26	88047	119.78	86107	117.47	89288
873	497.9	4388.7	411	149.18	88064	127.81	85270	123.71	89024	123.52	85040	123.46	88003	120.30	86107
874	498.9	4388.7	412	153.12	88064	152.19	87356	135.48	89288	130.91	85007	127.34	85270	126.85	85040
875	499.9	4388.7	413	159.31	88064	157.22	85007	143.07	88003	137.12	87352	133.44	86107	127.08	85270
876	500.9	4388.7	414	151.72	88064	149.32	86107	142.55	85007	137.35	88003	125.53	85326	119.84	87352
877	501.9	4388.7	415	154.11	88064	141.62	88003	140.71	85007	122.38	85326	120.70	86107	116.84	85270
878	502.9	4388.7	416	150.30	88064	136.52	88003	132.81	85007	122.92	86107	121.27	85326	114.27	85270
879	503.9	4388.7	417	145.30	88064	133.42	88003	126.43	85007	119.66	85326	112.88	85270	111.27	89051
880	504.9	4388.7	418	137.79	88064	132.86	88003	125.18	85007	123.17	86107	118.36	85326	115.00	85270
881	505.9	4388.7	419	141.09	88064	136.62	88003	135.70	85007	123.89	85326	118.44	87352	116.21	85270
882	506.9	4388.7	420	150.46	88003	146.60	88064	137.78	85007	134.83	87352	133.27	85326	120.48	85270
883	507.9	4388.7	421	151.25	88003	136.82	87352	134.03	88064	133.16	85007	130.69	88340	127.20	85326
884	508.9	4388.7	422	136.16	88003	129.83	88064	120.18	87352	118.15	85007	117.81	85326	110.09	88340
885	509.9	4388.7	423	129.77	88064	129.42	88003	117.07	85007	116.68	87352	113.38	85326	112.83	86068
886	510.9	4388.7	424	126.23	88064	124.63	88003	116.13	85007	113.49	86068	111.62	87352	110.41	85326
887	511.9	4388.7	425	128.78	88003	121.64	88064	118.61	85007	111.60	86068	109.56	85326	107.88	87352
888	512.9	4388.7	426	120.89	88003	114.27	88064	112.11	85007	110.26	86068	108.02	85326	106.56	86107
929	482.9	4389.7	427	131.44	85040	120.17	88047	117.73	88064	108.48	88291	107.53	85270	96.79	86284
930	483.9	4389.7	428	134.64	85040	127.47	88064	122.68	88047	110.96	88291	109.83	85270	97.01	86284
931	484.9	4389.7	429	131.11	85040	119.60	88064	116.07	88047	108.58	85270	107.08	88291	93.66	86284
932	485.9	4389.7	430	130.70	85040	117.14	88064	115.13	88047	108.38	85270	105.11	88291	91.85	86284
933	486.9	4389.7	431	131.20	85040	120.09	88064	114.55	88047	109.67	85270	103.78	88291	91.90	86284
934	487.9	4389.7	432	130.19	85040	118.74	88064	113.98	88047	111.09	85270	103.74	88291	95.06	86107
935	488.9	4389.7	433	133.60	85040	125.95	88064	116.75	88047	113.62	85270	105.54	88291	96.32	89288
936	489.9	4389.7	434	137.62	85040	133.15	88064	122.48	88047	116.01	85270	107.18	88291	103.55	86107
937	490.9	4389.7	435	135.54	88064	132.98	85040	121.84	88047	115.47	85270	105.47	88291	101.71	86107
938	491.9	4389.7	436	135.74	88064	132.50	85040	121.16	88047	117.47	85270	104.78	88291	100.50	89288
939	492.9	4389.7	437	136.28	88064	133.69	85040	125.08	88047	119.74	85270	114.25	86107	105.49	88291
940	493.9	4389.7	438	141.21	88064	131.01	85040	120.66	88047	116.46	85270	105.88	86107	105.08	88003
941	494.9	4389.7	439	141.81	88064	131.42	85040	121.06	85270	119.96	88047	113.00	86107	106.14	88003
942	495.9	4389.7	440	146.45	88064	125.87	85040	120.39	85270	117.61	88047	110.60	88003	107.71	89288
943	496.9	4389.7	441	144.84	88064	129.83	85040	125.33	85270	119.52	88047	118.94	86107	113.33	89288
944	497.9	4389.7	442	150.60	88064	129.40	85270	128.56	85040	120.45	88047	118.18	86107	117.78	88003
945	498.9	4389.7	443	204.21	89024	157.95	88064	142.93	87356	142.10	86107	135.75	88004	134.90	89288
946	499.9	4389.7	444	161.22	85007	159.07	88064	150.30	88003	140.04	86107	138.85	85326	138.85	87352
947	500.9	4389.7	445	153.05	88064	150.89	86107	141.62	85007	141.23	88003	124.39	85326	124.23	88047
948	501.9	4389.7	446	154.65	88064	138.76	88003	133.42	85007	124.85	86107	119.55	85326	117.84	88047
949	502.9	4389.7	447	153.65	88064	137.11	88003	126.66	85007	124.09	86107	120.68	85326	113.13	87352
950	503.9	4389.7	448	144.61	88064	134.77	88003	121.64	85007	117.93	85326	115.20	86107	111.13	88047
951	504.9	4389.7	449	137.14	88064	132.61	88003	127.21	86107	120.78	85007	119.81	85326	114.49	85270
952	505.9	4389.7	450	142.01	88003	141.42	88064	134.41	85007	125.37	85326	121.95	87352	116.55	86107
953	506.9	4389.7	451	150.23	88003	138.64	88064	136.27	87352	130.50	88340	128.17	85007	127.83	85326
954	507.9	4389.7	452	136.18	88003	128.83	88064	124.09	87352	118.89	85326	117.19	86107	112.87	85007
955	508.9	4389.7	453	132.32	88003	124.86	88064	113.64	87352	112.18	85326	108.91	85007	108.31	86068

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
956	509.9	4389.7	454	122.48	88064	118.66	88003	108.59	87352	108.24	85326	108.14	86068	106.77	86107
957	510.9	4389.7	455	123.23	88064	117.91	88003	110.86	86107	109.89	87352	108.63	86068	106.64	85326
958	511.9	4389.7	456	131.20	88003	124.98	88064	112.56	85007	111.37	87352	110.60	85326	109.51	86068
959	512.9	4389.7	457	123.35	88003	115.81	86107	115.68	88064	109.45	86068	107.71	85007	106.84	85326
1000	482.9	4390.7	458	129.18	85040	118.06	88047	118.00	88064	110.48	85270	105.02	88291	99.68	86284
1001	483.9	4390.7	459	136.60	85040	127.36	88064	125.38	88047	112.65	85270	110.40	88291	100.46	86284
1002	484.9	4390.7	460	133.80	85040	121.79	88047	120.60	88064	108.85	85270	108.21	88291	94.52	86284
1003	485.9	4390.7	461	133.07	85040	120.00	88047	117.41	88064	110.99	85270	108.38	88291	93.45	86284
1004	486.9	4390.7	462	132.65	85040	122.43	88064	119.06	88047	111.78	85270	107.84	88291	93.42	86284
1005	487.9	4390.7	463	134.04	85040	120.11	88064	118.64	88047	110.90	85270	105.80	88291	93.41	86107
1006	488.9	4390.7	464	135.07	85040	123.67	88064	122.24	88047	113.50	85270	106.07	88291	95.49	86107
1007	489.9	4390.7	465	136.14	85040	131.34	88064	125.27	88047	115.89	85270	107.91	88291	100.86	86107
1008	490.9	4390.7	466	133.25	85040	133.23	88064	122.89	88047	115.70	85270	107.73	88291	100.82	89288
1009	491.9	4390.7	467	135.02	88064	131.49	85040	120.30	88047	116.65	85270	105.55	88291	100.21	89288
1010	492.9	4390.7	468	132.32	88064	131.09	85040	121.34	88047	118.78	85270	111.43	86107	105.65	88291
1011	493.9	4390.7	469	140.27	88064	129.42	85040	118.74	88047	118.67	85270	105.17	88291	103.66	88003
1012	494.9	4390.7	470	140.44	88064	131.87	85040	122.42	85270	119.78	88047	110.66	86107	105.51	88003
1013	495.9	4390.7	471	140.35	88064	129.53	85040	124.57	85270	119.66	88047	113.31	88003	105.99	89288
1014	496.9	4390.7	472	141.66	88064	128.79	85040	128.03	85270	122.09	88047	113.81	86107	110.79	89288
1015	497.9	4390.7	473	140.36	88064	128.90	85270	126.51	85040	122.80	88047	115.96	88003	113.58	89288
1016	498.9	4390.7	474	169.49	86339	162.71	88064	158.33	87350	157.97	88059	157.18	85040	155.17	87359
1017	499.9	4390.7	475	163.44	88064	147.04	85007	142.56	86107	141.11	87352	140.57	88003	135.53	87327
1018	500.9	4390.7	476	156.40	88064	147.53	86107	142.16	88003	141.65	85007	123.46	87352	122.28	88047
1019	501.9	4390.7	477	155.54	88064	141.85	88003	136.38	85007	119.79	86107	119.23	85326	117.63	85270
1020	502.9	4390.7	478	157.26	88064	141.74	88003	130.86	85007	121.90	85326	121.40	86107	115.13	85270
1021	503.9	4390.7	479	147.20	88064	141.36	88003	129.44	85007	120.39	85326	112.83	87352	112.02	85270
1022	504.9	4390.7	480	140.41	88064	135.87	88003	129.74	85007	126.07	86107	124.06	85326	115.81	87352
1023	505.9	4390.7	481	149.32	88003	144.05	88064	143.39	85007	130.68	87352	127.36	85326	118.52	88021
1024	506.9	4390.7	482	149.67	88003	135.04	87352	134.05	88064	129.08	85007	122.68	88340	122.46	85326
1025	507.9	4390.7	483	133.30	88003	125.84	88064	117.59	87352	114.46	85007	114.39	85326	110.18	86107
1026	508.9	4390.7	484	129.33	88003	123.72	88064	113.29	85007	112.60	87352	110.80	85326	108.47	86068
1027	509.9	4390.7	485	121.48	88064	121.46	88003	108.55	87352	108.16	86068	107.28	85007	107.07	85326
1028	510.9	4390.7	486	123.51	88064	117.25	88003	113.22	87352	111.40	85007	108.03	86068	107.34	85326
1029	511.9	4390.7	487	133.11	88003	123.32	88064	113.90	85007	113.72	87352	112.51	86068	111.30	85326
1030	512.9	4390.7	488	121.59	88003	116.41	88064	110.53	86068	107.63	86107	104.86	85007	103.12	87352
1071	482.9	4391.7	489	130.75	85040	123.50	88047	122.26	88064	113.60	85270	102.63	88291	99.04	86284
1072	483.9	4391.7	490	134.66	85040	129.33	88064	127.80	88047	116.86	85270	107.51	88291	100.19	86284
1073	484.9	4391.7	491	132.08	85040	123.96	88064	123.19	88047	111.63	85270	107.56	88291	99.23	86284
1074	485.9	4391.7	492	132.14	85040	123.01	88047	119.79	88064	114.08	85270	110.44	88291	96.22	86284
1075	486.9	4391.7	493	131.83	85040	125.13	88047	123.62	88064	113.65	85270	108.96	88291	95.47	86284
1076	487.9	4391.7	494	130.15	85040	125.68	88047	124.74	88064	113.74	85270	108.68	88291	94.70	86107
1077	488.9	4391.7	495	132.72	85040	126.34	88047	125.75	88064	116.62	85270	109.42	88291	95.91	86107
1078	489.9	4391.7	496	133.63	85040	125.90	88047	125.82	88064	115.63	85270	107.87	88291	100.91	86107
1079	490.9	4391.7	497	132.13	88064	131.90	85040	123.89	88047	115.14	85270	109.65	88291	98.89	89288
1080	491.9	4391.7	498	134.40	88064	132.65	85040	121.50	88047	117.05	85270	110.21	88291	99.90	89288
1081	492.9	4391.7	499	135.51	85040	131.40	88064	123.51	88047	120.90	85270	111.57	86107	109.43	88291
1082	493.9	4391.7	500	140.11	88064	131.78	85040	121.68	88047	121.32	85270	106.38	88003	105.59	88291
1083	494.9	4391.7	501	140.57	88064	130.30	85040	124.23	88047	121.59	85270	111.87	86107	106.09	88291
1084	495.9	4391.7	502	141.25	88064	131.88	85040	123.95	88047	123.91	85270	112.78	88003	107.26	87352
1085	496.9	4391.7	503	142.64	88064	132.82	85040	127.43	88047	123.35	85270	117.12	88003	113.68	86107
1086	497.9	4391.7	504	142.80	88064	130.26	85040	129.88	85270	123.52	88047	118.09	88003	113.53	85007

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1087	498.9	4391.7	505	151.62	88064	141.52	85040	139.82	88059	135.94	88003	130.59	85270	129.19	87352
1088	499.9	4391.7	506	154.82	88064	142.72	87314	139.78	87352	131.82	87350	131.47	85007	129.58	85270
1089	500.9	4391.7	507	159.04	88064	146.54	86107	143.68	88003	140.69	85007	129.73	87327	126.67	87352
1090	501.9	4391.7	508	156.95	88064	143.90	88003	138.75	85007	120.31	85326	119.26	86107	118.91	87352
1091	502.9	4391.7	509	161.59	88064	144.80	88003	135.07	85007	123.86	85326	123.72	86107	122.72	87352
1092	503.9	4391.7	510	153.45	88064	149.92	88003	136.93	85007	124.22	85326	122.31	87352	117.67	85270
1093	504.9	4391.7	511	149.77	88064	147.63	88003	144.73	85007	133.16	86107	128.44	87352	127.98	85326
1094	505.9	4391.7	512	163.07	88003	149.27	85007	143.35	88064	143.08	87352	135.43	88340	132.63	87351
1095	506.9	4391.7	513	139.99	88003	131.22	88064	126.96	87352	120.07	85007	116.08	85326	114.88	86107
1096	507.9	4391.7	514	135.88	88003	125.29	88064	117.07	87352	113.78	85007	112.56	85326	110.17	86107
1097	508.9	4391.7	515	128.22	88003	119.35	88064	110.41	87352	108.54	85326	107.66	85007	107.14	86068
1098	509.9	4391.7	516	119.66	88064	115.70	88003	106.80	87352	105.85	86068	104.14	85326	103.46	85270
1099	510.9	4391.7	517	119.68	88064	118.78	88003	111.74	87352	107.36	86068	107.13	85326	105.02	85007
1100	511.9	4391.7	518	121.23	88003	117.37	88064	110.04	86068	108.27	87352	104.21	85326	103.72	86329
1101	512.9	4391.7	519	115.10	88064	114.45	88003	108.00	86107	105.76	86068	101.03	85007	99.83	87352
1142	482.9	4392.7	520	138.45	85040	124.30	88047	122.89	88064	115.71	85270	103.09	88291	99.36	88016
1143	483.9	4392.7	521	137.42	85040	127.82	88064	125.75	88047	119.02	85270	104.32	88291	99.45	88016
1144	484.9	4392.7	522	130.75	85040	123.96	88064	121.89	88047	114.66	85270	103.52	88291	98.22	88016
1145	485.9	4392.7	523	132.25	85040	124.06	88047	121.80	88064	114.57	85270	106.19	88291	96.17	88016
1146	486.9	4392.7	524	133.40	85040	126.51	88047	126.41	88064	115.29	85270	109.34	88291	98.25	88016
1147	487.9	4392.7	525	134.63	85040	128.40	88047	127.24	88064	115.02	85270	109.78	88291	97.83	88016
1148	488.9	4392.7	526	136.62	85040	129.86	88047	127.02	88064	117.00	85270	110.71	88291	99.99	88016
1149	489.9	4392.7	527	135.61	85040	127.40	88064	127.02	88047	116.92	85270	111.13	88291	102.34	86107
1150	490.9	4392.7	528	136.00	85040	130.83	88064	125.13	88047	116.67	85270	110.38	88291	99.72	86107
1151	491.9	4392.7	529	134.26	85040	131.10	88064	124.00	88047	117.24	85270	110.66	88291	100.44	86107
1152	492.9	4392.7	530	134.19	85040	131.64	88064	126.57	88047	119.39	85270	112.96	86107	109.53	88291
1153	493.9	4392.7	531	137.74	88064	132.66	85040	124.37	88047	117.65	85270	106.22	88291	105.95	88003
1154	494.9	4392.7	532	141.82	88064	134.02	85040	127.29	88047	117.40	85270	112.36	86107	106.32	88003
1155	495.9	4392.7	533	139.71	88064	132.33	85040	125.18	88047	120.97	85270	113.80	88003	108.20	88004
1156	496.9	4392.7	534	144.02	88064	136.91	85040	126.58	85270	125.80	88047	115.27	88003	114.41	86107
1157	497.9	4392.7	535	143.71	88064	127.28	85040	125.05	85270	124.02	88047	120.93	88003	112.95	87352
1158	498.9	4392.7	536	140.37	88064	127.28	85040	125.66	88059	124.69	88047	121.28	88003	120.68	85270
1159	499.9	4392.7	537	152.07	88064	131.27	87352	127.49	89288	127.44	85270	126.66	88047	123.79	85007
1160	500.9	4392.7	538	156.21	88064	143.99	86107	143.16	85007	140.13	88003	131.00	87352	126.27	87350
1161	501.9	4392.7	539	159.45	88064	148.95	88003	143.75	85007	129.87	87327	126.02	86107	125.60	87352
1162	502.9	4392.7	540	163.84	88064	150.42	88003	137.97	85007	129.27	87352	128.59	85326	127.08	87327
1163	503.9	4392.7	541	151.96	88064	150.75	88003	133.30	85007	125.72	87352	123.20	85326	121.38	87350
1164	504.9	4392.7	542	149.45	88064	149.38	88003	134.08	85007	132.81	86107	132.19	87352	125.87	87351
1165	505.9	4392.7	543	156.28	88003	139.91	87352	139.41	88064	137.05	85007	128.71	87351	117.64	86107
1166	506.9	4392.7	544	130.44	88003	127.90	88064	118.57	87352	112.63	86107	111.96	85326	110.92	85007
1167	507.9	4392.7	545	132.65	88003	124.39	88064	113.19	87352	111.78	86107	109.38	85326	109.04	85007
1168	508.9	4392.7	546	124.17	88003	119.10	88064	109.57	87352	107.24	86068	106.41	85326	105.32	86107
1169	509.9	4392.7	547	119.13	88064	115.94	88003	108.70	86068	106.47	87352	105.41	85326	103.03	86107
1170	510.9	4392.7	548	116.29	88064	115.93	88003	107.83	87352	107.54	86068	104.36	85326	104.17	86107
1171	511.9	4392.7	549	120.35	88003	113.81	88064	108.41	86068	106.33	87352	101.38	85326	99.65	85007
1172	512.9	4392.7	550	114.04	88064	111.85	88003	108.51	86107	104.88	86068	100.69	85326	100.20	87352
1213	482.9	4393.7	551	135.01	85040	124.83	88047	123.89	88064	116.53	85270	101.53	88016	101.37	88291
1214	483.9	4393.7	552	136.71	85040	127.80	88047	122.04	88064	115.46	85270	101.36	88291	97.86	88016
1215	484.9	4393.7	553	132.32	85040	126.25	88047	119.67	88064	114.71	85270	99.81	88291	95.45	88016
1216	485.9	4393.7	554	129.60	85040	125.27	88047	121.18	88064	114.84	85270	101.24	88291	94.64	88016
1217	486.9	4393.7	555	132.23	85040	128.54	88047	128.24	88064	118.38	85270	105.44	88291	96.70	86284

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1218	487.9	4393.7	556	132.20	85040	130.18	88064	127.36	88047	118.38	85270	107.31	88291	97.17	88016
1219	488.9	4393.7	557	134.68	85040	130.45	88064	129.32	88047	117.91	85270	110.12	88291	98.59	88016
1220	489.9	4393.7	558	134.83	85040	131.00	88064	129.09	88047	116.38	85270	110.63	88291	100.78	86107
1221	490.9	4393.7	559	134.88	85040	131.67	88064	128.97	88047	115.79	85270	111.67	88291	101.34	88016
1222	491.9	4393.7	560	133.02	85040	129.98	88064	128.53	88047	117.06	85270	111.01	88291	102.70	88016
1223	492.9	4393.7	561	133.58	88064	133.24	85040	130.98	88047	119.24	85270	111.51	86107	111.34	88291
1224	493.9	4393.7	562	140.39	88064	132.50	85040	128.84	88047	117.67	85270	111.32	88003	109.55	88291
1225	494.9	4393.7	563	140.12	88064	134.99	85040	126.62	88047	118.41	85270	110.39	86107	109.78	88291
1226	495.9	4393.7	564	140.34	88064	133.82	85040	124.55	88047	122.55	85270	114.22	88003	108.70	88291
1227	496.9	4393.7	565	143.39	88064	131.80	85040	126.94	88047	126.82	85270	113.28	86107	111.53	88059
1228	497.9	4393.7	566	141.35	88064	127.60	85040	126.46	88047	119.88	85270	119.18	88003	113.44	87352
1229	498.9	4393.7	567	139.14	88064	130.75	85040	127.23	88059	125.10	88047	122.15	88003	122.04	85270
1230	499.9	4393.7	568	151.03	88064	129.86	88047	129.67	87352	128.11	85040	127.40	85270	127.27	88003
1231	500.9	4393.7	569	156.74	88064	145.84	85007	144.63	86107	141.01	87350	140.07	88003	134.57	87352
1232	501.9	4393.7	570	157.86	88003	155.33	88064	151.24	85007	138.06	87352	132.67	87350	130.33	87327
1233	502.9	4393.7	571	160.50	88064	140.41	88003	123.46	86107	121.70	85007	121.35	87327	120.40	88047
1234	503.9	4393.7	572	145.32	88064	143.97	88003	121.88	85007	121.13	87352	116.61	85326	115.16	86107
1235	504.9	4393.7	573	143.40	88064	142.91	88003	128.50	86107	127.77	87352	125.38	85007	120.13	87351
1236	505.9	4393.7	574	148.61	88003	137.94	88064	133.70	87352	131.64	85007	116.37	87351	113.90	85326
1237	506.9	4393.7	575	131.54	88003	127.53	88064	113.17	87352	110.13	86107	109.69	85326	109.29	85007
1238	507.9	4393.7	576	130.01	88003	123.04	88064	112.18	87352	111.11	85007	109.84	86107	107.22	85326
1239	508.9	4393.7	577	124.43	88003	120.26	88064	111.60	87352	111.54	86068	108.10	85326	106.51	88059
1240	509.9	4393.7	578	119.43	88064	113.96	88003	108.84	86068	104.35	87352	103.80	85326	102.11	86107
1241	510.9	4393.7	579	114.16	88064	113.99	88003	108.58	87352	107.33	86068	104.30	85326	103.82	85270
1242	511.9	4393.7	580	120.05	88003	115.22	88064	108.40	86068	107.67	87352	102.51	85326	101.74	85007
1243	512.9	4393.7	581	113.10	88064	112.56	88003	105.81	86107	105.59	86068	103.15	87352	100.86	85326
1284	482.9	4394.7	582	142.03	85040	135.26	88047	126.91	88064	120.55	85270	107.96	87314	106.54	88016
1285	483.9	4394.7	583	132.43	85040	125.65	88047	121.55	88064	117.71	85270	98.57	88016	97.40	85007
1286	484.9	4394.7	584	130.76	85040	125.34	88047	117.00	85270	116.75	88064	98.79	88291	95.48	88016
1287	485.9	4394.7	585	133.87	85040	128.40	88047	121.38	88064	115.59	85270	100.20	88291	95.38	88016
1288	486.9	4394.7	586	133.64	85040	130.52	88047	126.77	88064	118.41	85270	102.20	88291	98.89	88016
1289	487.9	4394.7	587	134.39	85040	131.76	88064	131.03	88047	120.30	85270	104.51	88291	101.10	88016
1290	488.9	4394.7	588	133.19	85040	131.67	88064	130.38	88047	119.38	85270	106.09	88291	101.19	88016
1291	489.9	4394.7	589	133.76	88047	133.66	88064	132.81	85040	120.16	85270	111.31	88291	103.88	88016
1292	490.9	4394.7	590	136.36	88064	134.56	85040	134.46	88047	118.57	85270	112.44	88291	105.75	88016
1293	491.9	4394.7	591	134.82	88047	134.33	88064	134.13	85040	117.78	85270	112.64	88291	106.74	88016
1294	492.9	4394.7	592	138.95	85040	136.78	88047	136.43	88064	120.66	85270	115.86	88291	113.27	87314
1295	493.9	4394.7	593	140.84	88064	133.73	85040	131.56	88047	118.89	85270	114.13	88003	111.69	88291
1296	494.9	4394.7	594	141.02	88064	134.79	85040	130.09	88047	120.97	85270	111.02	88291	108.04	86107
1297	495.9	4394.7	595	140.82	88064	129.70	85040	127.98	88047	122.12	85270	111.27	88003	109.93	88291
1298	496.9	4394.7	596	141.83	88064	130.06	85040	129.16	88047	122.77	85270	113.06	86107	112.49	88003
1299	497.9	4394.7	597	138.87	88064	132.14	85040	126.82	88047	119.26	85270	117.61	88003	114.33	88059
1300	498.9	4394.7	598	140.90	88064	129.24	88059	128.62	88047	128.60	85040	121.46	85270	119.74	88003
1301	499.9	4394.7	599	148.00	88064	138.22	88047	135.63	87356	132.72	88059	130.02	88003	129.64	87314
1302	500.9	4394.7	600	154.73	88064	147.08	88003	142.65	85007	142.20	87352	140.09	86107	137.54	88047
1303	501.9	4394.7	601	150.49	88064	144.82	88003	139.75	85007	136.38	87352	127.28	87350	121.34	85326
1304	502.9	4394.7	602	153.73	88064	136.26	88003	128.35	85007	118.82	87352	118.28	86107	117.84	85326
1305	503.9	4394.7	603	144.59	88064	144.39	88003	123.13	85007	121.10	87352	113.07	87327	112.40	85326
1306	504.9	4394.7	604	142.36	88064	141.91	88003	129.00	87352	127.46	85007	125.24	86107	119.17	87351
1307	505.9	4394.7	605	148.82	88003	137.42	88064	131.83	87352	131.35	85007	114.15	85326	112.84	88340
1308	506.9	4394.7	606	130.60	88003	129.07	88064	113.21	87352	112.17	85007	110.15	86107	108.55	85326

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1309	507.9	4394.7	607	132.21	88003	122.33	88064	111.90	87352	109.53	88059	109.50	86068	108.16	85007
1310	508.9	4394.7	608	118.69	88003	117.90	88064	109.54	86068	106.82	87352	105.88	88059	104.32	85326
1311	509.9	4394.7	609	119.26	88064	113.89	88003	109.15	86068	104.03	87352	102.35	85326	101.27	86107
1312	510.9	4394.7	610	118.00	88003	113.17	88064	108.59	86068	108.37	87352	104.14	85326	102.66	85007
1313	511.9	4394.7	611	115.64	88003	113.20	88064	109.07	87352	106.11	86068	100.13	85326	98.93	85007
1314	512.9	4394.7	612	113.26	88064	109.12	88003	104.76	86107	103.81	86068	101.28	87352	99.36	85326
1355	482.9	4395.7	613	148.09	85040	145.27	88047	124.09	88064	120.68	85270	111.16	87314	110.32	88016
1356	483.9	4395.7	614	140.33	85040	129.87	88047	120.67	88064	117.70	85270	102.85	88016	99.51	87352
1357	484.9	4395.7	615	136.27	85040	127.57	88047	117.71	85270	115.98	88064	100.98	88016	97.11	85070
1358	485.9	4395.7	616	133.05	85040	126.32	88047	120.81	88064	119.02	85270	102.57	88016	98.36	85070
1359	486.9	4395.7	617	137.73	85040	133.05	88047	126.20	88064	121.08	85270	105.10	88016	103.64	88291
1360	487.9	4395.7	618	140.83	88047	139.56	85040	132.92	88064	122.35	85270	110.07	88016	106.00	88291
1361	488.9	4395.7	619	136.94	88047	134.25	85040	132.57	88064	120.25	85270	108.01	88016	104.87	88291
1362	489.9	4395.7	620	138.56	88047	136.30	85040	131.26	88064	119.32	85270	108.28	88291	106.55	88016
1363	490.9	4395.7	621	139.09	88047	137.71	88064	136.19	85040	117.70	85270	110.95	88291	105.53	88016
1364	491.9	4395.7	622	137.33	85040	136.68	88047	135.13	88064	117.92	85270	112.45	88291	105.31	88059
1365	492.9	4395.7	623	140.37	85040	140.28	88047	136.25	88064	122.35	85270	114.68	88291	114.58	88059
1366	493.9	4395.7	624	140.79	88064	135.12	88047	132.72	85040	121.03	85270	110.40	88291	108.41	88003
1367	494.9	4395.7	625	142.62	88064	135.82	88047	131.59	85040	123.91	85270	112.28	88291	110.68	86107
1368	495.9	4395.7	626	143.22	88064	134.18	88047	130.20	85040	119.78	85270	115.13	88003	112.32	88291
1369	496.9	4395.7	627	140.75	88064	133.97	88047	131.77	85040	120.00	85270	116.38	86107	113.93	89024
1370	497.9	4395.7	628	140.91	88064	134.94	88047	131.44	85040	121.98	88003	120.16	88059	119.33	85270
1371	498.9	4395.7	629	144.07	88064	139.28	88047	133.88	85040	132.29	88059	128.77	85007	124.05	85270
1372	499.9	4395.7	630	148.30	88064	143.50	88047	138.36	88003	137.45	88059	131.38	85007	130.33	85040
1373	500.9	4395.7	631	152.77	88064	144.09	86107	143.12	88003	139.43	85007	139.19	87352	131.99	88047
1374	501.9	4395.7	632	148.53	88064	144.73	88003	144.57	85007	135.34	87352	128.78	87350	127.64	88047
1375	502.9	4395.7	633	153.77	88064	139.25	88003	133.00	85007	128.39	87352	120.12	88047	118.97	85326
1376	503.9	4395.7	634	145.36	88003	142.92	88064	133.18	85007	128.34	87352	117.30	88047	113.08	85326
1377	504.9	4395.7	635	147.22	88003	141.02	88064	134.96	87352	134.33	85007	124.18	87351	123.46	88047
1378	505.9	4395.7	636	142.23	88003	133.88	88064	124.34	87352	121.01	85007	112.84	87351	111.37	88047
1379	506.9	4395.7	637	128.62	88064	126.79	88003	112.86	86107	108.44	86068	108.15	87352	106.97	88059
1380	507.9	4395.7	638	129.58	88003	123.38	88064	115.34	86068	112.10	87352	111.72	86107	109.60	85007
1381	508.9	4395.7	639	123.91	88003	117.12	88064	114.26	86068	107.99	87352	105.17	88059	102.52	85326
1382	509.9	4395.7	640	117.00	88064	113.26	88003	109.42	86068	102.22	87352	101.18	85326	101.08	86107
1383	510.9	4395.7	641	116.46	88003	114.18	88064	106.52	86068	106.22	87352	102.82	88059	101.73	85270
1384	511.9	4395.7	642	115.45	88003	112.85	88064	109.98	87352	107.19	86068	102.38	85007	100.32	85326
1385	512.9	4395.7	643	112.94	88064	109.16	88003	107.94	86068	105.54	87352	105.18	86107	101.73	85007
1426	482.9	4396.7	644	146.83	88047	143.78	85040	116.23	85270	115.53	88064	109.55	87314	109.07	88016
1427	483.9	4396.7	645	144.20	88047	142.98	85040	120.25	88064	118.55	85270	114.74	87314	111.11	85328
1428	484.9	4396.7	646	141.24	85040	140.36	88047	120.62	88064	118.07	85270	107.40	85328	106.78	88016
1429	485.9	4396.7	647	140.33	85040	139.01	88047	122.11	88064	119.88	85270	107.13	88016	105.93	85328
1430	486.9	4396.7	648	142.74	88047	139.39	85040	123.20	88064	121.41	85270	111.26	88016	108.72	85328
1431	487.9	4396.7	649	150.40	88047	144.43	85040	132.62	88064	125.70	85270	120.62	85328	119.27	88016
1432	488.9	4396.7	650	149.20	88047	141.99	85040	135.93	88064	122.48	85270	119.79	85328	114.54	88016
1433	489.9	4396.7	651	146.36	88047	139.28	85040	133.61	88064	125.89	85270	120.86	85328	112.31	87314
1434	490.9	4396.7	652	145.25	88047	139.65	88064	138.30	85040	122.87	85270	113.09	88003	112.54	85328
1435	491.9	4396.7	653	143.00	88047	136.50	85040	135.26	88064	121.50	85270	108.50	88291	106.62	85328
1436	492.9	4396.7	654	149.04	88047	139.08	85040	138.48	88064	124.72	85270	115.50	87314	113.26	88291
1437	493.9	4396.7	655	144.97	88047	144.79	88064	136.17	85040	124.58	85270	116.37	88003	114.15	88291
1438	494.9	4396.7	656	146.97	88064	143.27	88047	137.80	85040	126.65	85270	116.74	87314	116.02	88003
1439	495.9	4396.7	657	148.81	88064	142.77	88047	136.31	85040	122.46	88003	122.35	85270	120.52	87314

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1440	496.9	4396.7	658	147.06	88047	144.25	88064	137.79	85040	122.39	85270	121.50	88003	119.23	87352
1441	497.9	4396.7	659	147.06	88064	142.85	88047	135.28	85040	130.30	88059	128.10	88003	124.12	85270
1442	498.9	4396.7	660	149.19	88064	141.52	85040	141.02	88059	140.84	88047	139.83	85007	135.74	88003
1443	499.9	4396.7	661	145.01	88064	140.03	88003	139.19	88047	135.25	88059	130.86	85040	130.85	87352
1444	500.9	4396.7	662	155.05	88064	143.63	86107	141.27	85007	140.77	88003	138.24	87352	135.87	88047
1445	501.9	4396.7	663	152.45	88003	149.50	88064	147.02	85007	138.55	87352	130.00	88047	128.62	87350
1446	502.9	4396.7	664	149.35	88064	139.72	88003	131.33	87352	129.69	85007	127.92	88047	117.22	87327
1447	503.9	4396.7	665	148.48	88003	142.01	88064	133.80	87352	133.47	85007	127.10	88047	122.64	87351
1448	504.9	4396.7	666	139.33	88003	137.84	88064	133.36	87352	132.33	85007	121.54	86107	119.92	88047
1449	505.9	4396.7	667	142.42	88003	133.92	88064	124.22	85007	120.28	87352	109.38	86068	108.93	86107
1450	506.9	4396.7	668	128.15	88003	126.44	88064	110.45	86107	109.46	85007	109.04	86068	108.99	87352
1451	507.9	4396.7	669	128.86	88003	122.74	88064	112.18	87352	111.30	86068	111.22	86107	111.12	88059
1452	508.9	4396.7	670	122.15	88003	117.50	88064	108.03	86068	105.17	86107	104.83	88059	104.79	87352
1453	509.9	4396.7	671	117.92	88003	116.62	88064	104.45	86107	103.92	87352	103.40	86068	101.29	88047
1454	510.9	4396.7	672	117.88	88003	114.40	88064	108.04	87352	106.11	88059	105.98	85007	103.76	86068
1455	511.9	4396.7	673	117.80	88003	113.61	88064	111.71	87352	106.84	86068	105.65	85007	102.40	85326
1456	512.9	4396.7	674	113.92	88003	112.86	88064	110.00	87352	107.15	86107	104.28	85007	102.81	86068
1497	482.9	4397.7	675	148.82	85040	136.25	88047	112.91	85270	111.73	88064	111.09	88016	108.63	85070
1498	483.9	4397.7	676	153.78	85040	141.24	88047	115.69	85270	115.69	88016	113.92	88064	112.52	85070
1499	484.9	4397.7	677	152.22	85040	143.15	88047	117.94	85270	117.08	87314	116.86	88016	116.72	88064
1500	485.9	4397.7	678	150.25	85040	141.39	88047	121.97	88064	117.11	85270	115.54	88016	111.01	85070
1501	486.9	4397.7	679	146.93	85040	139.99	88047	120.40	88064	117.79	85270	114.75	88016	110.40	85070
1502	487.9	4397.7	680	144.17	85040	140.63	88047	120.82	88064	118.93	85270	115.92	88059	115.36	88016
1503	488.9	4397.7	681	141.37	88047	139.78	85040	123.70	88064	119.07	85270	117.01	88059	116.50	88016
1504	489.9	4397.7	682	147.46	88047	143.71	85040	127.68	88064	122.11	88059	121.36	85270	114.73	88016
1505	490.9	4397.7	683	144.05	88047	136.89	85040	133.04	88064	119.97	85270	116.80	88059	110.38	89014
1506	491.9	4397.7	684	142.95	88047	133.33	85040	130.80	88064	120.72	85270	116.04	88059	109.08	88016
1507	492.9	4397.7	685	146.97	88047	136.92	85040	135.15	88064	125.61	88059	123.15	85270	111.93	88016
1508	493.9	4397.7	686	146.20	88047	140.24	88064	132.10	85040	120.18	88059	119.99	85270	112.62	88016
1509	494.9	4397.7	687	148.71	88047	140.10	88064	135.30	85040	122.25	88059	119.72	85270	114.03	88003
1510	495.9	4397.7	688	149.38	88047	139.98	88064	135.86	85040	120.60	88059	117.72	88003	117.40	85270
1511	496.9	4397.7	689	146.18	88047	143.79	88064	138.64	85040	128.63	88059	119.18	86107	117.82	85270
1512	497.9	4397.7	690	145.87	88047	145.56	88064	135.95	85040	135.02	88059	127.45	87314	126.87	86107
1513	498.9	4397.7	691	148.77	88064	141.88	88047	140.98	88059	138.39	88003	136.76	85040	128.16	86107
1514	499.9	4397.7	692	143.04	88047	141.95	88064	137.72	88059	133.83	88003	132.69	85040	132.69	86107
1515	500.9	4397.7	693	156.69	88064	149.52	86107	145.92	88047	143.76	88003	138.80	88059	138.21	87352
1516	501.9	4397.7	694	148.89	88003	148.66	88064	146.72	85007	142.51	87352	134.04	88047	125.81	87350
1517	502.9	4397.7	695	147.05	88003	146.07	88064	134.89	87352	130.56	85007	126.45	88047	120.94	85326
1518	503.9	4397.7	696	143.76	88003	138.83	88064	134.86	87352	129.00	85007	123.06	88047	118.48	87351
1519	504.9	4397.7	697	139.76	88003	137.43	88064	136.07	87352	133.19	85007	128.63	86107	122.05	88047
1520	505.9	4397.7	698	145.68	88003	135.86	88064	133.08	85007	126.35	87352	116.75	86107	113.84	86068
1521	506.9	4397.7	699	131.11	88003	125.91	88064	117.30	86107	109.91	86068	109.80	87352	107.60	88059
1522	507.9	4397.7	700	126.41	88003	121.10	88064	118.28	86107	110.69	87352	109.84	86068	109.22	88059
1523	508.9	4397.7	701	124.57	88003	118.90	88064	114.57	86107	107.05	86068	106.62	88059	104.92	87352
1524	509.9	4397.7	702	122.98	88003	118.00	88064	112.99	86107	108.00	87352	106.06	86068	105.38	88059
1525	510.9	4397.7	703	118.06	88003	113.21	88064	110.91	86107	109.92	88059	107.18	87352	105.83	86068
1526	511.9	4397.7	704	116.18	88003	113.95	88064	111.27	87352	107.91	86107	106.91	86068	100.77	88059
1527	512.9	4397.7	705	116.01	86107	112.97	88003	111.33	87352	109.21	88064	104.06	86068	101.17	85007
1568	482.9	4398.7	706	139.52	85040	139.02	88047	111.06	85070	108.62	85270	107.69	88064	106.38	88016
1569	483.9	4398.7	707	142.51	88047	139.97	85040	111.12	85070	110.64	85270	109.02	88064	107.09	88016
1570	484.9	4398.7	708	146.33	88047	139.42	85040	115.14	88016	113.80	85070	111.46	88064	111.21	85270

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1571	485.9	4398.7	709	143.14	88047	137.90	85040	120.45	88064	115.02	88016	114.62	85270	113.02	87314
1572	486.9	4398.7	710	140.26	88047	136.91	85040	116.71	88064	113.75	85270	109.67	85070	107.97	88016
1573	487.9	4398.7	711	142.81	88047	137.04	85040	113.87	88064	112.90	85270	108.01	85070	105.51	88059
1574	488.9	4398.7	712	144.38	88047	140.46	85040	118.69	88064	115.30	85270	113.99	88059	108.40	88016
1575	489.9	4398.7	713	144.04	88047	134.66	85040	122.80	88064	117.06	85270	115.85	88059	110.49	88016
1576	490.9	4398.7	714	140.09	88047	130.71	85040	126.72	88064	117.76	85270	112.46	88059	109.29	88016
1577	491.9	4398.7	715	139.83	88047	133.24	85040	125.39	88064	120.08	85270	111.50	88059	107.46	88016
1578	492.9	4398.7	716	145.04	88047	133.31	88064	132.74	85040	122.83	85270	116.75	88059	109.67	88016
1579	493.9	4398.7	717	149.26	88047	141.65	88064	132.54	85040	121.86	85270	116.36	88059	113.93	88003
1580	494.9	4398.7	718	151.86	88047	138.17	88064	131.87	85040	120.29	85270	119.70	88003	115.88	88059
1581	495.9	4398.7	719	144.90	88047	138.11	88064	132.88	85040	119.28	85270	119.26	88003	114.45	87352
1582	496.9	4398.7	720	145.20	88047	139.90	88064	136.15	85040	123.53	88059	120.60	85270	116.69	88003
1583	497.9	4398.7	721	146.90	88047	146.25	88064	140.78	85040	134.79	88059	126.52	87314	126.01	88003
1584	498.9	4398.7	722	147.13	88064	140.42	88059	139.48	88003	139.34	88047	137.89	85040	129.35	87352
1585	499.9	4398.7	723	146.64	88064	142.51	88059	140.70	88047	136.35	88003	135.15	85040	130.35	87314
1586	500.9	4398.7	724	160.26	88064	154.75	88003	144.62	88059	143.97	87352	143.09	88047	142.03	85007
1587	501.9	4398.7	725	157.19	88064	156.98	88003	151.23	85007	146.13	87352	139.55	87350	134.92	87314
1588	502.9	4398.7	726	157.26	88003	148.61	88064	145.53	87352	137.40	85007	130.21	88047	127.62	87351
1589	503.9	4398.7	727	153.28	88003	140.68	87352	139.58	88064	137.56	85007	128.74	88047	121.51	87351
1590	504.9	4398.7	728	146.72	88003	140.29	87352	136.06	88064	131.33	85007	125.87	88059	125.15	88047
1591	505.9	4398.7	729	141.78	88003	134.42	88064	126.63	85007	124.50	87352	113.93	87350	113.36	86329
1592	506.9	4398.7	730	130.61	88003	125.95	88064	110.64	87352	110.09	88059	108.37	88047	108.34	85007
1593	507.9	4398.7	731	131.37	88003	122.95	88064	113.82	88059	111.29	87352	110.60	86068	110.26	86107
1594	508.9	4398.7	732	127.51	88003	120.60	88064	110.19	88059	108.78	87352	108.22	86068	105.80	88047
1595	509.9	4398.7	733	127.14	88003	119.58	88064	109.97	87352	107.74	86107	107.10	88059	106.43	86068
1596	510.9	4398.7	734	119.24	88003	114.62	88064	111.02	88059	107.77	86068	107.35	87352	104.25	86107
1597	511.9	4398.7	735	117.63	88003	113.80	88064	111.75	87352	106.76	86068	104.50	86107	102.28	88059
1598	512.9	4398.7	736	114.51	88003	112.93	87352	108.96	86107	108.63	88064	107.87	86068	104.93	85007
1639	482.9	4399.7	737	137.63	85040	135.16	88047	110.01	85070	107.79	88016	106.26	85270	104.86	88064
1640	483.9	4399.7	738	139.36	85040	137.04	88047	113.83	88016	110.92	85070	105.88	85270	102.45	88059
1641	484.9	4399.7	739	139.46	88047	138.36	85040	111.73	85070	108.39	88016	105.07	85270	103.56	88064
1642	485.9	4399.7	740	148.93	88047	143.31	85040	114.51	85070	113.85	88064	113.22	88059	111.73	88016
1643	486.9	4399.7	741	142.94	88047	141.63	85040	119.73	88064	114.20	88059	113.34	85270	112.74	88016
1644	487.9	4399.7	742	138.92	85040	136.78	88047	115.14	88064	111.72	85270	110.44	88059	109.84	85070
1645	488.9	4399.7	743	139.36	85040	136.38	88047	116.34	88059	113.85	88064	113.22	85270	110.86	85070
1646	489.9	4399.7	744	138.04	85040	136.40	88047	119.57	88059	116.35	88064	116.22	85270	111.19	88016
1647	490.9	4399.7	745	135.69	88047	135.03	85040	123.98	88064	115.29	85270	114.04	88059	110.24	88016
1648	491.9	4399.7	746	138.88	88047	132.78	85040	122.03	88064	117.07	85270	114.61	88059	111.32	88016
1649	492.9	4399.7	747	142.71	88047	138.16	85040	127.50	88064	122.75	88059	120.28	85270	116.54	88016
1650	493.9	4399.7	748	143.62	85040	142.13	88047	137.97	88064	131.32	88059	125.30	85270	118.03	88003
1651	494.9	4399.7	749	137.92	88047	137.12	88064	133.80	85040	121.59	88059	120.13	85270	117.07	88016
1652	495.9	4399.7	750	136.78	88047	134.92	88064	133.21	85040	119.45	88059	118.35	85270	117.27	88003
1653	496.9	4399.7	751	138.17	88047	137.73	88064	134.86	85040	129.79	88059	121.86	85270	117.48	88016
1654	497.9	4399.7	752	143.81	88047	143.07	88064	137.54	85040	133.54	88059	126.67	87314	123.26	88003
1655	498.9	4399.7	753	145.00	88064	139.56	88059	137.64	88047	136.96	85040	128.91	88003	127.93	87314
1656	499.9	4399.7	754	148.55	88059	146.98	88064	139.95	88003	137.68	88047	137.25	85040	131.21	87352
1657	500.9	4399.7	755	155.59	88003	155.18	88064	152.86	88059	145.62	87352	140.15	85040	140.09	86107
1658	501.9	4399.7	756	155.02	88064	150.76	88003	142.98	87352	136.88	88059	133.69	87327	133.35	87351
1659	502.9	4399.7	757	147.75	88003	141.43	88064	140.59	87352	132.04	87351	130.99	88047	128.92	88059
1660	503.9	4399.7	758	144.26	88003	135.53	88064	134.58	87352	124.56	87351	123.25	88047	122.80	85007
1661	504.9	4399.7	759	139.63	88003	127.34	88064	126.96	87352	121.46	88059	118.11	88047	112.93	87351

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1662	505.9	4399.7	760	132.77	88003	128.23	88064	118.82	87352	113.47	85007	111.80	88047	109.68	88059
1663	506.9	4399.7	761	129.15	88003	122.02	88064	113.90	88059	109.39	88047	106.41	87352	106.36	86107
1664	507.9	4399.7	762	127.50	88003	122.81	88064	116.83	88059	112.06	86107	107.86	87352	107.66	88047
1665	508.9	4399.7	763	127.70	88003	120.89	88064	113.52	88059	108.47	87352	107.81	86107	106.67	88047
1666	509.9	4399.7	764	125.36	88003	117.76	88064	109.83	88059	109.07	86107	107.40	87352	103.83	88047
1667	510.9	4399.7	765	118.28	88003	113.71	88064	112.53	88059	109.41	86107	104.10	87352	103.28	86068
1668	511.9	4399.7	766	116.58	88003	115.30	88064	107.70	87352	107.48	86107	106.82	88059	101.94	86068
1669	512.9	4399.7	767	118.76	88003	112.09	86107	111.01	87352	108.13	88064	104.64	88059	104.22	86068
1710	482.9	4400.7	768	138.36	88047	134.49	85040	113.19	85070	105.57	85270	104.41	88064	104.38	88016
1711	483.9	4400.7	769	136.05	88047	134.06	85040	111.57	85070	105.22	85270	101.75	88016	101.34	88064
1712	484.9	4400.7	770	136.24	85040	132.68	88047	110.59	85070	106.63	85270	103.30	88016	102.57	88059
1713	485.9	4400.7	771	140.78	85040	135.14	88047	113.33	85070	107.67	88064	106.50	85270	105.82	88059
1714	486.9	4400.7	772	147.26	85040	145.37	88047	122.65	88059	117.37	85070	115.79	88064	112.81	85270
1715	487.9	4400.7	773	137.35	85040	135.16	88047	117.98	88064	112.26	88059	112.23	85070	111.83	85270
1716	488.9	4400.7	774	135.16	88047	134.38	85040	115.17	88064	113.49	85270	113.19	85070	112.54	88059
1717	489.9	4400.7	775	137.92	88047	135.65	85040	117.92	88059	115.13	88064	113.47	85270	112.59	85070
1718	490.9	4400.7	776	137.80	88047	132.45	85040	117.68	88064	113.95	88059	111.68	85270	109.61	85070
1719	491.9	4400.7	777	135.69	88047	130.53	85040	117.89	88064	114.41	88059	111.77	85270	108.28	85070
1720	492.9	4400.7	778	138.27	88047	131.10	85040	123.94	88064	119.82	88059	115.07	85270	112.63	88016
1721	493.9	4400.7	779	134.93	88047	130.74	85040	129.35	88064	119.68	88059	115.30	88016	112.94	85270
1722	494.9	4400.7	780	135.15	88047	134.55	85040	128.33	88064	119.91	88059	116.51	85270	116.31	88016
1723	495.9	4400.7	781	132.85	88047	130.79	88064	129.67	85040	119.30	85270	117.33	88059	113.18	88016
1724	496.9	4400.7	782	134.58	88047	132.73	88064	129.29	85040	128.33	88059	121.62	85270	115.80	88016
1725	497.9	4400.7	783	138.52	88047	138.21	88064	136.11	88059	131.72	85040	122.95	88003	120.39	87270
1726	498.9	4400.7	784	146.54	88059	145.29	88064	138.37	88047	131.69	87314	130.61	85040	124.69	87333
1727	499.9	4400.7	785	151.71	88059	144.57	88064	140.31	88047	137.87	88003	134.50	87352	131.55	85040
1728	500.9	4400.7	786	150.31	88059	148.06	88003	147.73	88064	138.75	87352	136.99	88047	132.62	86107
1729	501.9	4400.7	787	150.17	88064	141.16	88003	133.24	87352	128.42	88047	126.19	88059	122.68	85007
1730	502.9	4400.7	788	143.03	88003	136.12	87352	135.68	88064	128.06	88047	122.21	88059	116.36	85040
1731	503.9	4400.7	789	140.58	88003	133.96	88064	132.79	87352	127.33	85007	120.12	88047	116.24	87351
1732	504.9	4400.7	790	134.93	88003	123.75	88064	121.00	87352	117.57	88047	117.55	88059	111.29	85007
1733	505.9	4400.7	791	133.76	88003	128.79	88064	117.96	87352	113.25	88047	111.87	85007	108.13	86068
1734	506.9	4400.7	792	126.05	88003	120.23	88064	112.47	88047	110.84	88059	106.52	87352	104.05	85040
1735	507.9	4400.7	793	125.35	88003	120.90	88064	113.73	88059	110.49	88047	107.10	87352	103.00	86107
1736	508.9	4400.7	794	125.40	88003	123.47	88064	112.99	88059	109.53	88047	108.65	87352	104.13	86107
1737	509.9	4400.7	795	128.47	88003	116.46	88064	107.21	87352	106.30	88047	105.81	86068	105.62	88059
1738	510.9	4400.7	796	114.42	88003	112.85	88064	109.06	88059	103.84	86068	103.73	86107	103.18	88047
1739	511.9	4400.7	797	118.91	88003	115.50	88064	107.34	86068	105.92	87352	105.03	88059	102.32	88047
1740	512.9	4400.7	798	119.83	88003	108.87	87352	108.59	88064	108.02	86068	106.35	88059	104.74	86107
1781	482.9	4401.7	799	134.44	85040	130.38	88047	111.07	85070	107.46	85270	102.58	88016	102.22	88059
1782	483.9	4401.7	800	132.27	85040	130.46	88047	112.46	85070	106.95	85270	103.23	88059	99.93	88016
1783	484.9	4401.7	801	133.75	88047	133.28	85040	113.76	85070	109.40	85270	105.58	88059	102.20	88016
1784	485.9	4401.7	802	133.64	88047	130.79	85040	113.69	85070	108.68	88064	108.20	85270	105.82	88059
1785	486.9	4401.7	803	141.43	88047	134.84	85040	119.85	88059	118.82	85070	113.13	88064	111.99	85270
1786	487.9	4401.7	804	140.48	88047	131.08	85040	115.14	88059	114.99	88064	114.77	85070	110.33	85270
1787	488.9	4401.7	805	141.69	88047	128.39	85040	116.29	88064	113.96	88059	110.71	85070	107.57	85270
1788	489.9	4401.7	806	142.33	88047	128.91	85040	118.07	88059	115.26	88064	109.58	85070	108.41	85270
1789	490.9	4401.7	807	136.85	88047	127.66	85040	116.54	88064	112.14	88059	107.88	85270	107.39	88016
1790	491.9	4401.7	808	135.37	88047	129.48	85040	115.97	88064	111.95	88059	110.59	85270	107.80	88016
1791	492.9	4401.7	809	137.05	88047	132.37	85040	122.00	88064	119.31	88059	112.92	85270	110.55	88016
1792	493.9	4401.7	810	136.19	88047	129.68	85040	127.74	88064	118.05	88059	111.58	88016	111.15	85270

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1793	494.9	4401.7	811	135.10	88047	128.38	85040	126.90	88064	121.35	88059	118.60	88016	114.79	85270
1794	495.9	4401.7	812	132.96	88047	128.88	88064	126.90	85040	122.04	88016	120.29	88059	113.39	85270
1795	496.9	4401.7	813	132.45	88047	131.15	85040	130.59	88059	127.61	88064	117.49	88016	116.53	85270
1796	497.9	4401.7	814	131.34	88059	131.33	88047	129.92	88064	127.77	85040	118.70	88003	116.73	87352
1797	498.9	4401.7	815	144.79	88059	136.68	88047	133.54	88064	128.26	85040	123.45	87333	119.51	87270
1798	499.9	4401.7	816	147.65	88059	142.61	88064	137.92	88047	133.61	87314	128.46	85040	125.94	87352
1799	500.9	4401.7	817	144.03	88003	143.34	88059	141.98	88064	139.83	87352	131.89	88047	128.92	85007
1800	501.9	4401.7	818	154.72	88064	141.60	88003	136.38	88047	134.44	87352	129.29	88059	126.77	85040
1801	502.9	4401.7	819	147.67	88003	142.38	87352	139.89	88047	137.50	88064	127.66	85007	125.18	88059
1802	503.9	4401.7	820	140.26	88003	135.61	87352	133.95	88064	129.09	85007	125.18	88047	121.57	87351
1803	504.9	4401.7	821	131.16	88003	120.53	88064	119.98	88047	119.46	88059	118.29	87352	112.20	85040
1804	505.9	4401.7	822	133.63	88003	125.41	88064	116.82	88047	115.22	87352	109.89	88059	108.67	88340
1805	506.9	4401.7	823	124.26	88003	120.25	88064	116.14	88047	113.52	88059	107.52	85040	106.94	87352
1806	507.9	4401.7	824	122.07	88003	119.30	88047	119.06	88064	117.43	88059	108.06	87352	105.74	85040
1807	508.9	4401.7	825	131.35	88003	128.83	88064	127.03	89024	124.78	88047	124.55	88059	115.04	85328
1808	509.9	4401.7	826	133.42	88003	124.55	86068	122.22	85007	121.28	88047	120.67	88064	117.48	87352
1809	510.9	4401.7	827	116.75	88003	113.67	88064	112.82	88059	108.42	88047	108.28	86068	102.55	87352
1810	511.9	4401.7	828	120.41	88064	119.09	88003	111.27	88059	109.28	88047	109.23	87352	107.46	89024
1811	512.9	4401.7	829	126.83	88003	116.64	87352	112.33	86068	111.08	88064	110.81	85007	107.80	88059
1852	482.9	4402.7	830	141.29	88047	132.30	85040	113.95	85070	104.51	88059	104.01	88016	102.03	85270
1853	483.9	4402.7	831	140.62	88047	130.36	85040	112.96	85070	105.95	88016	105.42	88059	103.30	85270
1854	484.9	4402.7	832	147.79	88047	137.21	85040	118.30	85070	115.59	88016	112.61	88059	111.26	85270
1855	485.9	4402.7	833	151.65	88047	133.66	85040	117.33	85070	113.75	88016	107.19	88059	107.14	85270
1856	486.9	4402.7	834	150.52	88047	136.50	85040	117.58	88059	115.00	85070	111.36	88016	109.89	85270
1857	487.9	4402.7	835	149.05	88047	139.31	85040	119.71	88059	115.34	88064	114.72	87314	114.29	88016
1858	488.9	4402.7	836	143.24	88047	138.13	85040	120.76	88064	118.35	88059	113.52	85270	112.46	88016
1859	489.9	4402.7	837	143.60	88047	137.28	85040	121.62	88064	118.83	88059	113.11	85270	111.95	88016
1860	490.9	4402.7	838	140.84	88047	130.84	85040	120.39	88064	114.91	88059	111.43	88016	110.91	85270
1861	491.9	4402.7	839	139.33	88047	130.22	85040	116.25	88064	115.97	88059	110.39	85270	110.31	88016
1862	492.9	4402.7	840	138.90	88047	131.79	85040	123.63	88059	119.52	88064	113.06	88016	110.64	85270
1863	493.9	4402.7	841	135.18	88047	127.98	85040	126.42	88064	122.33	88059	113.43	88016	111.65	85270
1864	494.9	4402.7	842	134.78	88047	125.79	88064	124.36	85040	124.29	88059	113.88	88016	111.95	85270
1865	495.9	4402.7	843	132.03	88047	128.95	88064	120.82	85040	120.80	88059	113.28	88003	111.67	88016
1866	496.9	4402.7	844	136.38	88047	129.53	88059	124.37	88064	122.15	85040	114.10	88016	112.22	87270
1867	497.9	4402.7	845	134.13	88047	126.31	88059	124.24	85040	123.65	88064	115.78	88003	113.18	87352
1868	498.9	4402.7	846	133.57	88059	130.70	88047	124.23	88064	124.02	85040	114.76	88003	112.42	87270
1869	499.9	4402.7	847	150.13	88059	139.60	88047	135.63	88064	130.10	85040	128.07	87314	127.40	87270
1870	500.9	4402.7	848	143.46	87352	143.08	88059	143.00	88064	140.72	88003	136.21	88047	131.97	87314
1871	501.9	4402.7	849	162.22	88003	157.05	88064	150.67	87352	147.34	88047	147.11	88059	139.72	85007
1872	502.9	4402.7	850	152.40	88003	147.24	87352	146.48	88064	144.18	88047	138.93	87314	135.17	85328
1873	503.9	4402.7	851	156.81	88003	154.21	85007	151.58	87352	144.32	88047	142.01	88064	130.88	87351
1874	504.9	4402.7	852	142.01	88003	135.40	88047	133.15	85007	130.46	87352	124.29	88064	120.18	88340
1875	505.9	4402.7	853	142.00	88003	126.77	88047	126.76	88064	120.54	85007	120.36	87352	110.98	85040
1876	506.9	4402.7	854	127.56	88003	124.39	88047	120.07	88064	117.66	88059	113.88	87352	112.07	85040
1877	507.9	4402.7	855	129.79	88003	125.12	88047	123.79	88059	121.08	88064	118.14	87352	115.92	85328
1878	508.9	4402.7	856	150.34	88059	148.00	88003	141.36	88340	138.79	86339	137.82	87350	134.32	87270
1879	509.9	4402.7	857	132.75	88003	130.90	87314	130.60	88064	129.20	86333	126.90	85328	125.21	86355
1880	510.9	4402.7	858	126.92	88003	120.07	88064	117.86	88059	113.37	86068	112.88	87352	112.23	88047
1881	511.9	4402.7	859	130.88	88003	125.08	88059	122.23	88064	118.79	87351	117.24	87352	115.07	88340
1882	512.9	4402.7	860	124.47	88003	116.31	87352	114.31	88064	110.73	88059	110.47	87351	107.89	86329
1923	482.9	4403.7	861	131.77	88047	125.96	85040	115.33	85070	106.93	88016	103.52	88059	101.98	85270

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
1924	483.9	4403.7	862	136.27	88047	126.35	85040	118.49	85070	108.57	85360	106.24	88016	104.29	88059
1925	484.9	4403.7	863	146.59	88047	144.97	85040	131.67	88059	123.29	85360	122.28	85070	119.41	87270
1926	485.9	4403.7	864	141.62	88047	129.27	85040	116.45	88016	114.47	88059	113.78	85070	113.59	89014
1927	486.9	4403.7	865	139.96	88047	132.85	85040	117.89	88059	115.24	85070	109.67	88016	106.97	89014
1928	487.9	4403.7	866	146.67	88047	138.82	85040	131.07	88059	118.30	85070	117.41	89014	116.09	88016
1929	488.9	4403.7	867	145.09	88047	137.63	85040	128.49	88059	118.62	88016	115.48	89014	114.93	85070
1930	489.9	4403.7	868	145.19	88047	139.19	85040	128.64	88059	121.86	88016	116.98	88064	115.09	85070
1931	490.9	4403.7	869	145.61	88047	139.14	85040	126.51	88059	121.99	88064	120.86	88016	114.58	85070
1932	491.9	4403.7	870	139.77	88047	136.91	85040	125.13	88059	121.72	88016	118.47	88064	112.52	85328
1933	492.9	4403.7	871	140.63	88047	135.97	85040	129.88	88059	125.53	88016	122.98	88064	122.46	85328
1934	493.9	4403.7	872	137.86	88047	137.31	85040	127.23	88064	125.16	88059	122.89	88016	120.02	87352
1935	494.9	4403.7	873	137.21	85040	133.36	88047	125.01	88059	122.25	88064	119.49	88016	114.66	85328
1936	495.9	4403.7	874	132.98	85040	128.70	88047	125.77	88064	121.33	88059	114.40	88003	113.95	88016
1937	496.9	4403.7	875	131.58	85040	129.70	88059	126.59	88047	124.58	88064	115.73	88003	115.62	87352
1938	497.9	4403.7	876	129.38	85040	128.44	88064	126.77	88059	126.07	88047	120.04	88003	119.44	87352
1939	498.9	4403.7	877	134.96	88059	130.26	88047	125.33	85040	125.24	88064	123.38	87314	119.43	88003
1940	499.9	4403.7	878	152.58	88059	141.48	88047	135.49	85040	133.70	88064	131.38	87314	128.36	87352
1941	500.9	4403.7	879	157.65	88059	149.17	88047	149.14	87352	148.50	87351	141.58	85007	140.55	88003
1942	501.9	4403.7	880	146.91	88003	145.01	88064	143.44	88059	140.56	87352	138.30	88047	132.80	87351
1943	502.9	4403.7	881	156.33	88059	142.83	88003	142.48	88047	140.63	86339	139.78	86351	137.81	87352
1944	503.9	4403.7	882	154.73	88003	149.30	86351	146.94	88059	146.21	87352	145.08	87351	143.90	86354
1945	504.9	4403.7	883	138.24	88059	135.59	88003	133.85	86351	132.11	88047	128.31	87352	127.69	87351
1946	505.9	4403.7	884	137.99	88003	128.92	88047	123.88	88059	122.02	87352	121.09	88064	117.14	87351
1947	506.9	4403.7	885	132.49	88059	125.98	88047	121.25	88003	117.30	86351	117.13	88064	115.98	87270
1948	507.9	4403.7	886	137.40	88059	128.43	88047	125.46	88003	121.69	86354	121.64	86351	120.62	87270
1949	508.9	4403.7	887	133.25	88059	127.00	88003	125.04	88047	120.19	87351	118.79	87270	118.56	86351
1950	509.9	4403.7	888	128.12	88047	126.67	88059	118.90	86351	118.58	87351	117.04	86354	114.93	87333
1951	510.9	4403.7	889	124.83	88059	119.22	88047	118.51	88003	116.49	87351	114.53	88064	114.28	86351
1952	511.9	4403.7	890	114.77	88059	113.97	88064	110.86	88003	108.83	88047	107.57	87337	107.28	87351
1953	512.9	4403.7	891	113.29	88003	111.04	86107	110.35	88059	108.28	88064	106.20	87352	101.07	87339
1994	482.9	4404.7	892	133.95	88047	130.91	85040	114.69	85070	112.32	88016	104.51	85360	102.82	89014
1995	483.9	4404.7	893	137.84	88047	129.26	85040	113.35	85070	112.02	85360	106.23	88016	104.70	88059
1996	484.9	4404.7	894	140.49	88047	130.00	85040	116.12	85070	112.12	88059	105.58	88016	103.71	85360
1997	485.9	4404.7	895	137.38	88047	128.26	85040	115.02	85070	110.50	88059	106.82	88016	103.23	89014
1998	486.9	4404.7	896	136.09	88047	129.84	85040	114.55	85070	109.78	88059	106.61	88016	105.15	85360
1999	487.9	4404.7	897	139.26	88047	133.13	85040	120.59	88059	116.41	85070	111.45	88016	108.33	89014
2000	488.9	4404.7	898	138.12	88047	131.96	85040	121.54	88059	116.42	85070	113.33	88016	108.35	89014
2001	489.9	4404.7	899	144.41	88047	137.17	85040	131.73	88059	119.49	88016	119.10	85070	117.60	89014
2002	490.9	4404.7	900	140.14	88047	132.48	85040	128.39	88059	124.13	88016	116.80	85070	115.93	89014
2003	491.9	4404.7	901	137.32	88047	134.86	85040	129.66	88059	122.69	88016	119.10	85070	117.83	85360
2004	492.9	4404.7	902	142.38	88047	140.26	88059	137.63	85040	124.20	87270	121.48	85360	121.35	88016
2005	493.9	4404.7	903	138.83	88047	135.84	88059	131.55	85040	121.96	88064	118.81	88016	118.11	87270
2006	494.9	4404.7	904	134.40	88059	134.24	88047	130.09	85040	121.79	88064	117.92	87270	117.88	88016
2007	495.9	4404.7	905	131.26	88047	131.25	88059	129.70	85040	121.55	88064	116.64	88003	115.56	88016
2008	496.9	4404.7	906	140.64	88059	131.92	88047	129.30	85040	122.11	87270	120.31	87314	118.59	88064
2009	497.9	4404.7	907	140.58	88059	131.27	88047	127.24	85040	122.00	87270	121.87	88003	121.51	87352
2010	498.9	4404.7	908	142.81	88059	130.20	88047	120.92	85040	119.90	87270	118.57	88064	116.23	87352
2011	499.9	4404.7	909	171.27	88059	153.04	86339	146.69	87270	139.40	88047	136.17	87337	135.92	87359
2012	500.9	4404.7	910	160.93	88059	160.17	87314	145.72	87333	144.57	88047	144.23	87352	140.63	86355
2013	501.9	4404.7	911	148.45	88003	143.03	87352	142.03	88064	137.80	88047	129.95	88059	127.14	85007
2014	502.9	4404.7	912	142.14	88059	134.01	88003	131.50	88047	126.68	87352	125.65	88064	122.55	87270

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2015	503.9	4404.7	913	133.49	88003	127.74	88059	127.55	87352	126.62	88064	122.25	88047	117.54	87350
2016	504.9	4404.7	914	139.57	88059	132.71	88003	125.82	87352	122.56	87270	122.35	88047	122.31	88064
2017	505.9	4404.7	915	136.52	88003	124.18	87352	122.73	88064	119.37	88047	119.31	88059	113.28	87350
2018	506.9	4404.7	916	131.30	88059	129.74	88047	122.99	88003	113.44	87352	113.37	87351	112.56	88064
2019	507.9	4404.7	917	132.41	88047	131.99	88059	121.07	87351	114.71	88003	114.27	87270	112.87	87339
2020	508.9	4404.7	918	121.05	88059	119.44	88047	111.89	88003	111.29	87339	108.25	87270	107.97	88064
2021	509.9	4404.7	919	112.08	88047	111.59	88059	107.62	88003	105.07	88064	101.27	87339	99.38	87270
2022	510.9	4404.7	920	111.38	88059	108.16	88064	106.26	88003	103.67	88047	99.86	87339	98.26	85340
2023	511.9	4404.7	921	112.68	88064	110.75	88003	106.32	88059	100.87	88047	97.71	87360	96.46	86107
2024	512.9	4404.7	922	111.65	88003	109.98	88059	109.92	88064	103.31	87352	103.20	86107	99.08	88047
2065	482.9	4405.7	923	135.92	88047	115.16	85070	113.77	85040	107.47	85360	103.74	88059	102.76	89014
2066	483.9	4405.7	924	137.48	88047	115.48	85070	113.71	85040	105.73	85360	105.41	88059	100.38	88016
2067	484.9	4405.7	925	139.22	88047	116.12	85040	114.71	85070	110.14	88059	103.13	85360	101.14	88016
2068	485.9	4405.7	926	135.43	88047	114.39	85040	114.06	85070	110.56	88059	103.73	85360	102.71	88016
2069	486.9	4405.7	927	137.13	88047	115.44	85040	112.98	85070	111.27	88059	105.64	88016	104.35	85360
2070	487.9	4405.7	928	142.42	88047	120.29	88059	118.43	85040	113.37	85070	111.47	88016	107.03	85360
2071	488.9	4405.7	929	138.00	88047	118.53	88059	116.88	88016	116.10	85040	111.23	85070	108.52	85360
2072	489.9	4405.7	930	138.98	88047	123.55	88059	121.80	88016	117.64	85040	114.69	85070	113.07	85360
2073	490.9	4405.7	931	137.89	88047	122.66	88059	116.28	88016	115.43	85040	113.94	85360	111.95	85070
2074	491.9	4405.7	932	137.98	88047	121.62	88059	116.48	85040	112.83	87270	112.01	88016	111.40	85360
2075	492.9	4405.7	933	139.71	88047	131.23	88059	122.90	85040	119.26	87270	114.74	88016	112.62	85360
2076	493.9	4405.7	934	138.82	88047	132.27	88059	126.98	85040	119.14	87270	115.51	88003	114.34	88064
2077	494.9	4405.7	935	138.21	88047	134.69	88059	124.65	85040	121.44	87270	116.77	89014	114.87	85360
2078	495.9	4405.7	936	139.87	88047	129.65	88059	120.37	85040	116.34	88064	112.99	87270	112.84	89014
2079	496.9	4405.7	937	145.03	88047	136.67	88059	122.15	85040	119.69	87270	113.57	86339	113.04	88064
2080	497.9	4405.7	938	147.74	88047	139.65	88059	126.97	85040	121.76	88064	119.18	87314	117.29	87352
2081	498.9	4405.7	939	149.21	88047	136.98	88059	126.58	88003	125.35	87352	121.78	85007	121.51	85040
2082	499.9	4405.7	940	140.98	88059	137.31	88047	122.18	87352	121.74	88003	118.06	85040	117.27	87270
2083	500.9	4405.7	941	172.16	88059	151.35	88047	142.01	87270	138.60	87314	137.66	87352	137.64	86339
2084	501.9	4405.7	942	156.04	88003	147.47	87352	143.31	88064	135.65	88059	134.75	88047	130.49	87351
2085	502.9	4405.7	943	141.32	88059	136.86	88047	131.96	89024	131.71	88003	129.11	88064	128.09	87352
2086	503.9	4405.7	944	144.38	88003	138.82	88047	135.81	87352	134.74	85007	123.17	88064	123.02	88059
2087	504.9	4405.7	945	141.69	88059	130.28	88047	121.55	88003	119.43	88064	118.40	87352	117.55	87270
2088	505.9	4405.7	946	143.75	88003	128.98	87352	127.45	88047	126.19	88059	121.72	87351	119.84	88064
2089	506.9	4405.7	947	125.44	88059	116.27	88003	112.41	88047	109.03	87339	107.23	85340	106.44	87270
2090	507.9	4405.7	948	124.31	88059	109.35	88047	108.89	87270	105.78	87339	105.06	88003	102.71	85340
2091	508.9	4405.7	949	115.70	88059	106.67	88047	106.53	87270	106.30	87339	105.57	88003	101.89	88064
2092	509.9	4405.7	950	111.24	88059	108.85	88047	102.45	88064	100.01	88003	99.44	87270	98.24	87339
2093	510.9	4405.7	951	110.39	88059	104.82	88047	103.98	88003	102.50	88064	98.80	87270	98.03	87339
2094	511.9	4405.7	952	109.34	88064	105.45	88059	100.75	88047	98.81	88003	96.09	87339	95.17	85340
2095	512.9	4405.7	953	112.34	88059	111.62	88064	108.16	88003	99.97	88047	99.09	87352	98.00	85340
2136	482.9	4406.7	954	132.23	88047	111.70	85360	111.26	85070	108.26	85040	103.81	88059	102.60	89014
2137	483.9	4406.7	955	135.47	88047	111.69	85070	110.28	85040	104.77	88059	104.09	88016	102.54	85360
2138	484.9	4406.7	956	134.63	88047	113.26	88059	112.89	85040	111.18	85070	104.66	85360	104.02	88016
2139	485.9	4406.7	957	136.48	88047	113.50	85040	113.38	88059	110.03	85070	108.52	88016	104.39	89014
2140	486.9	4406.7	958	137.54	88047	115.16	85040	113.32	88059	112.93	88016	110.76	85070	106.03	85360
2141	487.9	4406.7	959	138.21	88047	120.00	88016	119.71	88059	116.03	85040	113.05	85070	112.98	85360
2142	488.9	4406.7	960	136.63	88047	119.73	88059	118.87	88016	116.60	85040	113.26	85070	112.74	85360
2143	489.9	4406.7	961	139.27	88047	124.60	88059	119.25	85040	115.04	85360	111.95	87270	111.25	88016
2144	490.9	4406.7	962	138.35	88047	123.19	88059	118.48	85040	109.97	85360	109.77	87270	109.37	89014
2145	491.9	4406.7	963	135.56	88047	122.05	88059	119.11	85040	111.85	85360	111.17	87270	109.68	85070

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2146	492.9	4406.7	964	140.12	88047	133.09	88059	119.54	85040	118.10	87270	114.83	85360	114.13	89014
2147	493.9	4406.7	965	140.96	88047	124.87	88059	114.24	85040	112.96	88003	112.62	88064	110.63	89014
2148	494.9	4406.7	966	143.80	88047	130.35	88059	116.55	85040	113.00	87270	110.98	89014	109.71	85360
2149	495.9	4406.7	967	143.16	88047	127.94	88059	117.31	85040	110.14	87270	109.56	89014	109.24	87352
2150	496.9	4406.7	968	138.37	88047	131.35	88059	116.35	85040	115.15	87270	110.01	89014	107.89	87352
2151	497.9	4406.7	969	160.78	88059	143.36	88047	142.73	86339	136.93	87270	131.34	85040	127.73	87337
2152	498.9	4406.7	970	156.24	88059	142.73	88047	136.84	87314	134.47	87333	132.49	87270	131.68	86351
2153	499.9	4406.7	971	145.41	88059	141.29	88047	126.75	87352	120.97	87270	119.99	88003	118.92	88064
2154	500.9	4406.7	972	168.73	88059	150.39	88047	140.48	87314	140.17	87270	137.14	87352	133.38	86339
2155	501.9	4406.7	973	151.64	88003	148.80	87352	143.81	88059	136.03	87337	133.38	88064	132.72	88047
2156	502.9	4406.7	974	179.04	88059	172.34	86339	158.09	88003	152.76	87270	152.57	87359	149.85	87350
2157	503.9	4406.7	975	153.14	86355	139.01	86351	138.95	87333	138.70	87352	133.81	88003	133.55	87339
2158	504.9	4406.7	976	164.00	88059	139.12	88003	138.72	89024	137.53	87314	136.23	88047	135.09	87001
2159	505.9	4406.7	977	149.86	88003	142.42	85007	141.43	87352	135.25	87351	131.27	88047	125.13	86068
2160	506.9	4406.7	978	119.43	88059	115.04	88003	108.94	88047	103.58	87339	102.85	85340	102.59	87352
2161	507.9	4406.7	979	119.21	88059	110.43	88003	109.10	88047	106.00	87270	100.80	87339	100.17	85340
2162	508.9	4406.7	980	109.80	88059	105.15	88047	104.74	88003	103.84	87270	100.14	87339	96.87	88064
2163	509.9	4406.7	981	110.24	88059	107.47	88047	101.71	88003	100.44	87270	99.41	87339	97.52	88064
2164	510.9	4406.7	982	105.22	88059	102.74	88047	101.26	88064	99.72	88003	98.95	87339	96.97	87270
2165	511.9	4406.7	983	102.67	88047	101.99	88064	101.78	88003	100.62	88059	92.96	87339	91.66	85040
2166	512.9	4406.7	984	124.84	89024	119.89	88059	115.03	88064	113.26	88047	107.25	85314	105.96	88003
2207	482.9	4407.7	985	127.65	88047	111.80	85070	108.32	85360	106.23	85040	105.35	88059	100.94	89014
2208	483.9	4407.7	986	132.17	88047	110.48	85070	107.07	88059	105.97	85040	104.09	85360	99.66	89014
2209	484.9	4407.7	987	135.64	88047	114.68	88059	111.37	85070	107.49	85040	105.71	85360	101.76	89014
2210	485.9	4407.7	988	137.86	88047	115.60	88059	113.88	85070	109.47	85360	109.32	85040	109.10	88016
2211	486.9	4407.7	989	135.07	88047	117.12	88016	116.51	85070	114.69	88059	113.33	85360	109.17	85040
2212	487.9	4407.7	990	136.12	88047	119.77	88059	115.16	85070	112.34	85360	110.48	85040	110.45	88016
2213	488.9	4407.7	991	136.15	88047	121.38	88059	111.19	85070	110.98	85360	109.40	85040	105.18	87270
2214	489.9	4407.7	992	135.09	88047	123.36	88059	110.93	85070	109.25	87270	108.63	85360	107.93	85040
2215	490.9	4407.7	993	140.30	88047	122.79	88059	109.52	85360	109.42	85070	109.13	85040	107.78	87270
2216	491.9	4407.7	994	143.33	88047	122.44	88059	110.66	85360	110.58	85040	108.71	87270	107.97	85070
2217	492.9	4407.7	995	149.66	88047	129.91	88059	115.16	87270	114.17	85040	112.03	85360	108.47	85070
2218	493.9	4407.7	996	144.46	88047	126.47	88059	113.71	88064	110.18	85040	108.42	87270	107.26	85360
2219	494.9	4407.7	997	139.39	88047	131.60	88059	112.98	87270	109.65	85040	107.98	88064	107.37	88003
2220	495.9	4407.7	998	136.16	88047	127.19	88059	108.83	87352	108.69	87270	108.57	88003	108.16	85040
2221	496.9	4407.7	999	136.44	88047	133.63	88059	115.59	87270	112.44	85360	111.69	85040	110.08	87352
2222	497.9	4407.7	1000	137.43	88059	131.94	88047	117.11	87270	115.90	87352	111.19	85040	110.96	87337
2223	498.9	4407.7	1001	154.42	88059	133.80	88047	128.85	87270	125.43	86339	123.03	87352	122.77	86354
2224	499.9	4407.7	1002	151.01	88059	135.46	88047	130.21	87352	124.36	87270	123.22	87333	122.76	86339
2225	500.9	4407.7	1003	173.39	88059	149.63	86339	149.42	88047	143.41	87314	141.97	87270	138.54	87352
2226	501.9	4407.7	1004	155.59	88003	153.05	87352	150.39	88059	145.71	87350	139.32	87337	137.06	88064
2227	502.9	4407.7	1005	154.38	88059	134.10	88003	131.38	87352	128.30	88047	127.74	87270	127.08	87314
2228	503.9	4407.7	1006	134.27	88003	133.99	87352	131.70	88059	123.50	87350	121.89	87351	121.07	88047
2229	504.9	4407.7	1007	181.57	88059	178.41	86339	160.44	87270	159.73	87359	158.56	87353	157.63	87337
2230	505.9	4407.7	1008	167.18	86355	143.07	87333	140.26	86351	137.63	86329	137.12	87339	134.95	87352
2231	506.9	4407.7	1009	117.81	88059	115.97	88003	105.74	87352	101.76	88064	101.73	85340	100.83	88047
2232	507.9	4407.7	1010	117.85	88059	112.16	88003	104.42	87270	102.17	88047	99.93	85340	99.54	88064
2233	508.9	4407.7	1011	109.80	88003	108.21	88059	102.57	87270	100.52	88047	97.06	87339	95.83	87360
2234	509.9	4407.7	1012	103.94	88059	102.38	88047	99.08	88003	95.16	87270	94.09	87339	91.46	88064
2235	510.9	4407.7	1013	102.61	88059	100.81	88047	99.28	88003	98.15	88064	95.84	87339	95.22	87270
2236	511.9	4407.7	1014	102.72	88059	102.52	88003	102.32	88047	97.72	88064	95.91	87339	94.24	87360

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2237	512.9	4407.7	1015	148.68	88059	128.04	88003	127.50	86339	123.89	85040	123.59	87270	123.38	87314
2278	482.9	4408.7	1016	128.98	88047	119.18	88340	110.46	85070	106.71	85040	105.55	88059	102.40	85360
2279	483.9	4408.7	1017	132.48	88047	111.13	85070	108.00	85040	105.68	88059	105.10	85360	101.86	88016
2280	484.9	4408.7	1018	131.97	88047	119.29	88016	115.26	85070	113.28	88059	109.49	85360	109.47	85040
2281	485.9	4408.7	1019	128.74	88047	116.30	88016	115.26	85070	114.33	88059	111.70	85360	107.14	85040
2282	486.9	4408.7	1020	129.16	88047	115.21	88059	112.63	85070	107.99	85360	106.19	85040	104.37	88016
2283	487.9	4408.7	1021	134.97	88047	120.88	88059	112.42	85070	109.82	85360	107.66	85040	103.04	87270
2284	488.9	4408.7	1022	142.20	88047	122.08	88059	110.92	85070	110.21	85360	107.93	85040	105.25	87270
2285	489.9	4408.7	1023	144.66	88047	123.87	88059	111.40	87270	110.57	85360	108.87	85070	107.37	85040
2286	490.9	4408.7	1024	141.80	88047	119.80	88059	111.23	85360	107.66	85070	105.30	87270	105.03	85040
2287	491.9	4408.7	1025	138.05	88047	120.26	88059	110.22	85360	106.85	87270	106.24	85070	105.46	85040
2288	492.9	4408.7	1026	136.06	88047	129.62	88059	113.59	87270	112.73	85360	107.99	85040	106.53	85070
2289	493.9	4408.7	1027	132.09	88047	124.78	88059	109.32	85360	107.68	87337	107.12	87270	107.02	88064
2290	494.9	4408.7	1028	133.02	88047	131.36	88059	111.73	87270	110.57	85360	108.17	85040	107.99	88064
2291	495.9	4408.7	1029	129.26	88047	127.03	88059	111.54	87337	111.26	88003	109.92	85360	109.23	87352
2292	496.9	4408.7	1030	135.34	88059	130.14	88047	116.90	87270	113.90	87352	111.02	85040	110.66	85360
2293	497.9	4408.7	1031	140.85	88059	130.54	88047	122.85	87352	114.39	87270	114.22	87350	114.16	88003
2294	498.9	4408.7	1032	148.60	88059	134.80	88047	123.84	87352	122.61	86339	120.89	87270	118.99	87350
2295	499.9	4408.7	1033	149.05	88059	139.46	88047	127.50	87270	127.33	87352	118.41	87350	117.95	87359
2296	500.9	4408.7	1034	173.72	88059	149.25	88047	145.75	87270	145.28	86339	136.34	87001	134.57	87351
2297	501.9	4408.7	1035	154.75	88059	148.77	87337	145.27	88003	143.10	87352	140.40	87333	139.71	87351
2298	502.9	4408.7	1036	169.39	88059	144.32	86339	142.55	87270	138.42	85340	137.85	87337	135.34	87333
2299	503.9	4408.7	1037	144.35	86355	132.31	88059	130.90	87333	126.77	87339	126.38	87337	125.58	87352
2300	504.9	4408.7	1038	137.50	88059	119.19	85340	118.64	87270	118.45	88003	117.43	87352	110.09	87339
2301	505.9	4408.7	1039	122.83	88059	117.54	87352	116.59	88003	113.17	86355	112.11	87270	111.60	87360
2302	506.9	4408.7	1040	121.03	88059	115.60	88003	108.01	87352	106.95	87339	105.60	87360	105.31	87270
2303	507.9	4408.7	1041	116.92	88059	106.52	88003	104.64	87270	103.98	87339	100.62	85340	99.32	87360
2304	508.9	4408.7	1042	107.89	88059	105.58	88003	101.95	87270	100.76	87339	98.00	88047	97.51	87360
2305	509.9	4408.7	1043	103.48	88059	100.32	88047	99.14	88003	96.92	87339	94.81	87270	92.41	87360
2306	510.9	4408.7	1044	103.44	88059	99.69	87339	99.12	88047	97.68	88003	95.32	87270	94.95	88064
2307	511.9	4408.7	1045	104.10	88059	103.44	88003	101.30	88047	100.12	87339	96.04	88064	95.15	87270
2308	512.9	4408.7	1046	156.86	88059	138.47	86339	130.82	87270	130.11	88003	126.53	87359	126.49	87314
2349	482.9	4409.7	1047	128.60	88047	112.73	85070	105.45	88059	104.70	85360	103.37	85040	102.80	88016
2350	483.9	4409.7	1048	127.10	88016	126.10	88047	117.55	85070	106.52	85360	104.30	85040	103.78	88059
2351	484.9	4409.7	1049	128.10	88047	116.27	85070	111.84	88059	109.94	88016	109.63	85360	106.33	85040
2352	485.9	4409.7	1050	139.87	88047	112.95	85070	111.99	88059	105.71	85360	105.54	85040	97.68	89014
2353	486.9	4409.7	1051	145.75	88047	112.55	88059	108.73	85070	108.03	85360	105.79	85040	98.09	89014
2354	487.9	4409.7	1052	140.97	88047	115.78	88059	108.96	85360	108.48	85070	104.50	85040	99.74	87270
2355	488.9	4409.7	1053	134.28	88047	116.87	88059	110.54	85360	109.09	85070	104.77	85040	103.10	87270
2356	489.9	4409.7	1054	130.44	88047	119.89	88059	113.59	85360	108.39	85070	107.09	87270	105.22	85040
2357	490.9	4409.7	1055	127.61	88047	118.19	88059	110.11	85360	106.63	85070	105.63	85040	102.71	87270
2358	491.9	4409.7	1056	124.72	88047	120.14	88059	111.25	85360	107.59	85070	107.12	85040	102.93	87270
2359	492.9	4409.7	1057	127.84	88059	126.60	88047	110.75	87270	110.68	85360	108.80	85070	108.74	85040
2360	493.9	4409.7	1058	125.14	88047	124.64	88059	105.87	85040	105.41	85360	104.87	87270	104.53	87352
2361	494.9	4409.7	1059	132.87	88059	126.19	88047	109.21	87270	108.68	85360	107.42	85040	107.10	88064
2362	495.9	4409.7	1060	130.12	88059	128.41	88047	115.96	87352	113.95	88064	110.27	88003	109.92	85360
2363	496.9	4409.7	1061	139.54	88059	132.81	88047	124.77	86339	123.57	87352	121.07	88003	117.74	87270
2364	497.9	4409.7	1062	147.68	88059	132.94	88047	124.36	86339	123.05	87352	122.22	87270	120.77	87337
2365	498.9	4409.7	1063	152.11	88059	134.86	88047	128.69	87270	124.63	87359	123.45	86339	119.40	87337
2366	499.9	4409.7	1064	151.86	88059	139.58	88047	125.51	87270	120.00	87352	119.90	87337	119.53	87333
2367	500.9	4409.7	1065	164.28	88059	136.61	87270	135.13	88047	133.42	87333	133.04	87351	131.31	86339

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2368	501.9	4409.7	1066	145.78	88059	139.46	88003	133.41	87337	132.01	87352	121.11	89004	119.99	88064
2369	502.9	4409.7	1067	144.53	88059	123.20	87270	121.51	85340	117.52	88003	111.43	87333	111.00	87352
2370	503.9	4409.7	1068	125.49	88059	119.39	87333	117.61	87352	117.13	86355	112.69	87339	111.78	87337
2371	504.9	4409.7	1069	140.39	88059	122.47	87270	117.21	85340	113.11	87339	112.09	86351	111.82	86355
2372	505.9	4409.7	1070	122.54	88059	115.48	87352	113.02	86355	112.76	87339	112.41	88003	110.69	87270
2373	506.9	4409.7	1071	120.41	88059	111.67	88003	108.89	87339	108.39	87352	107.42	87270	105.96	87360
2374	507.9	4409.7	1072	116.06	88059	106.21	88003	103.55	87339	103.29	87270	100.47	85340	98.73	87352
2375	508.9	4409.7	1073	108.71	88059	105.01	88003	103.79	87339	101.20	87270	97.55	87360	96.84	88047
2376	509.9	4409.7	1074	104.93	88059	101.98	88003	101.25	87339	97.20	88047	95.62	87360	94.80	87270
2377	510.9	4409.7	1075	105.78	88059	101.65	88003	101.36	87339	96.48	87270	95.59	88047	92.68	87360
2378	511.9	4409.7	1076	106.16	88059	103.49	87339	102.28	88003	97.92	88047	97.53	87270	94.55	87360
2379	512.9	4409.7	1077	162.44	88059	145.53	86339	136.02	87270	132.86	87359	129.34	88003	128.31	87337
2420	482.9	4410.7	1078	129.34	88047	126.92	88016	124.68	85070	118.71	85328	105.13	88059	105.10	86353
2421	483.9	4410.7	1079	163.77	88047	113.45	85070	106.72	85360	102.32	88059	102.19	85040	100.17	89014
2422	484.9	4410.7	1080	149.80	88047	109.79	85070	109.70	88059	108.34	85360	104.18	85040	98.79	89014
2423	485.9	4410.7	1081	128.33	88047	111.24	88059	108.47	85070	108.47	85360	102.36	85040	97.59	89014
2424	486.9	4410.7	1082	120.99	88047	112.73	88059	111.39	85360	109.50	85070	102.98	85040	97.78	89014
2425	487.9	4410.7	1083	121.69	88047	115.88	88059	111.59	85360	107.79	85070	102.98	85040	101.28	87270
2426	488.9	4410.7	1084	121.14	88047	118.82	88059	112.40	85360	107.38	85070	101.36	85040	101.15	87270
2427	489.9	4410.7	1085	121.19	88047	120.19	88059	110.79	85360	108.55	85070	106.13	87270	103.60	85040
2428	490.9	4410.7	1086	121.96	88047	120.02	88059	109.86	85360	107.75	85070	104.25	85040	101.94	87270
2429	491.9	4410.7	1087	122.79	88047	122.09	88059	107.61	85360	106.22	85070	104.75	85040	103.73	87270
2430	492.9	4410.7	1088	132.13	88059	124.80	88047	113.24	87270	110.33	85360	108.52	85070	108.18	85040
2431	493.9	4410.7	1089	128.86	88059	124.90	88047	110.54	85360	108.63	85070	107.94	87352	105.91	87337
2432	494.9	4410.7	1090	138.77	88059	126.89	88047	118.96	86339	116.19	85360	113.82	87270	111.17	85070
2433	495.9	4410.7	1091	138.48	88059	131.88	88047	125.48	86339	118.90	85360	116.94	87352	116.42	87337
2434	496.9	4410.7	1092	144.42	88059	131.39	88047	125.31	86339	123.42	87270	122.06	87337	120.78	87359
2435	497.9	4410.7	1093	143.47	88059	127.21	88047	117.15	87337	116.03	87270	113.94	87352	112.40	87359
2436	498.9	4410.7	1094	138.74	88059	129.56	88047	115.16	87270	112.22	87352	108.45	87350	108.11	87339
2437	499.9	4410.7	1095	142.22	88059	124.35	88047	120.19	87270	114.22	87352	112.96	87351	112.31	87333
2438	500.9	4410.7	1096	157.31	88059	133.76	87270	125.32	87351	124.89	87333	124.05	87352	122.35	88047
2439	501.9	4410.7	1097	148.93	88059	132.36	88003	130.11	87337	129.66	87352	122.77	89004	119.97	87270
2440	502.9	4410.7	1098	141.46	88059	121.29	85340	121.28	87270	117.03	88003	111.76	87352	110.64	87333
2441	503.9	4410.7	1099	122.46	88059	112.85	87352	111.24	87333	110.48	87337	110.40	87339	108.86	88003
2442	504.9	4410.7	1100	133.92	88059	121.58	87270	112.93	87339	111.38	87352	111.10	86355	109.84	85340
2443	505.9	4410.7	1101	125.15	88059	115.99	87339	115.13	87352	112.69	87270	112.02	87333	110.74	86355
2444	506.9	4410.7	1102	119.85	88059	111.78	87339	107.72	87270	106.27	88003	105.82	87360	104.87	87337
2445	507.9	4410.7	1103	118.24	88059	106.22	87339	106.16	88003	104.30	87352	104.16	87270	98.59	87360
2446	508.9	4410.7	1104	109.94	88059	107.20	88003	104.08	87339	101.05	87270	98.28	87360	96.81	87352
2447	509.9	4410.7	1105	106.69	88059	102.23	87339	101.03	88003	95.75	87360	95.30	88047	94.69	87270
2448	510.9	4410.7	1106	106.36	88059	105.24	88003	104.84	87339	97.76	87270	96.45	87360	93.18	87337
2449	511.9	4410.7	1107	108.30	88059	106.68	87339	105.78	88003	99.24	87270	95.62	87360	95.00	87337
2450	512.9	4410.7	1108	165.96	88059	148.56	86339	140.37	87270	136.92	87359	131.17	87337	128.92	88003
2491	482.9	4411.7	1109	122.00	89346	121.30	88047	110.79	85040	109.72	85070	107.04	85360	105.76	88059
2492	483.9	4411.7	1110	117.84	88047	110.25	85070	109.34	89346	108.73	85360	108.70	85040	101.25	88059
2493	484.9	4411.7	1111	117.00	88047	111.55	85360	110.20	88059	109.63	85070	106.36	85040	96.60	87270
2494	485.9	4411.7	1112	115.43	88047	112.44	88059	110.68	85360	107.74	85070	102.63	85040	95.77	87270
2495	486.9	4411.7	1113	117.33	88047	114.30	88059	110.48	85360	107.49	85070	103.50	85040	98.48	87270
2496	487.9	4411.7	1114	117.34	88047	117.20	88059	111.02	85360	106.87	85070	103.29	85040	100.58	87270
2497	488.9	4411.7	1115	118.04	88047	117.81	88059	110.27	85360	107.03	85070	104.71	85040	101.02	87270
2498	489.9	4411.7	1116	119.84	88059	119.70	88047	108.52	85360	106.41	85070	105.88	85040	103.92	87270

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2499	490.9	4411.7	1117	121.54	88059	120.39	88047	108.13	85070	107.68	85360	104.57	85040	100.29	87270
2500	491.9	4411.7	1118	124.97	88059	121.10	88047	110.81	85360	110.16	85070	104.70	85040	102.78	87270
2501	492.9	4411.7	1119	132.63	88059	124.33	88047	114.47	85360	111.50	85070	110.72	87270	109.15	86339
2502	493.9	4411.7	1120	132.33	88059	129.94	88047	113.73	85360	112.04	87352	111.93	85070	106.35	86339
2503	494.9	4411.7	1121	142.27	88059	131.77	88047	117.50	85360	117.37	86339	115.98	87270	114.71	87350
2504	495.9	4411.7	1122	134.36	88059	130.47	88047	118.70	88340	118.07	87352	115.68	87337	114.17	87359
2505	496.9	4411.7	1123	133.46	88059	124.08	88047	115.76	87270	112.53	87352	109.71	87337	107.56	85360
2506	497.9	4411.7	1124	139.89	88059	122.01	88047	112.83	87270	112.08	87352	108.73	87339	108.09	87337
2507	498.9	4411.7	1125	137.14	88059	122.49	88047	119.30	87270	113.85	87352	107.97	88003	106.90	87351
2508	499.9	4411.7	1126	140.18	88059	118.12	88047	118.04	87270	117.46	87351	117.08	87333	112.46	87352
2509	500.9	4411.7	1127	161.01	88059	135.88	87270	125.97	87351	123.41	87352	123.05	87333	123.01	88047
2510	501.9	4411.7	1128	148.72	88059	130.85	87352	130.79	87337	130.14	88003	125.14	89004	121.00	87339
2511	502.9	4411.7	1129	140.96	88059	122.32	85340	118.10	87270	112.76	88003	112.68	87352	111.01	87333
2512	503.9	4411.7	1130	127.74	88059	112.75	87337	112.11	87333	111.03	87352	110.38	87339	109.42	88003
2513	504.9	4411.7	1131	128.03	88059	116.92	87270	113.68	86355	113.26	87352	111.83	87339	106.76	85340
2514	505.9	4411.7	1132	121.13	88059	109.71	87352	109.67	87339	105.08	87270	102.88	88003	101.72	87350
2515	506.9	4411.7	1133	124.57	88059	113.62	87339	109.09	87270	107.61	87352	105.02	87350	101.93	87360
2516	507.9	4411.7	1134	123.47	88059	111.74	88003	110.83	87339	109.24	87352	105.08	87270	103.75	87360
2517	508.9	4411.7	1135	111.07	88059	110.03	88003	108.89	87339	107.64	87352	100.74	87270	100.19	87360
2518	509.9	4411.7	1136	111.03	88059	104.83	87339	103.70	88003	98.53	87360	96.10	87337	95.46	87270
2519	510.9	4411.7	1137	107.84	88003	106.03	88059	103.51	87339	97.79	87360	96.58	87270	95.55	87337
2520	511.9	4411.7	1138	108.99	88059	106.09	87339	103.73	88003	98.20	87270	97.53	87360	97.21	87337
2521	512.9	4411.7	1139	160.44	88059	150.92	86339	139.82	87270	137.25	87359	133.44	87337	128.68	87339
2522	482.9	4412.7	1140	113.81	88047	111.40	85360	110.70	85070	110.35	88059	101.25	85040	97.52	89014
2523	483.9	4412.7	1141	111.62	88047	108.27	85070	107.75	85360	101.93	88059	98.37	85040	95.09	89014
2524	484.9	4412.7	1142	114.59	88047	109.79	88059	108.56	85360	108.07	85070	99.81	85040	93.00	89014
2525	485.9	4412.7	1143	113.33	88047	111.67	88059	108.63	85360	106.65	85070	101.10	85040	95.18	87270
2526	486.9	4412.7	1144	112.37	88047	111.31	88059	110.34	85360	107.21	85070	100.29	85040	96.00	87270
2527	487.9	4412.7	1145	114.82	88059	112.17	88047	107.26	85360	106.44	85070	99.13	85040	96.83	87270
2528	488.9	4412.7	1146	117.21	88059	111.95	88047	107.59	85070	105.63	85360	98.96	85040	97.35	87270
2529	489.9	4412.7	1147	119.56	88059	113.25	88047	108.68	85070	108.14	85360	100.83	85040	99.72	87270
2530	490.9	4412.7	1148	121.55	88059	118.45	88047	112.88	85360	110.26	85070	102.97	85040	99.45	87270
2531	491.9	4412.7	1149	129.35	88059	122.76	88047	115.23	85360	114.07	85070	105.68	86339	105.66	87270
2532	492.9	4412.7	1150	142.29	88059	129.51	88047	120.41	85360	117.84	87270	117.75	86339	115.96	85070
2533	493.9	4412.7	1151	137.97	88059	132.91	88047	116.82	85360	115.06	87337	114.75	87270	113.71	86339
2534	494.9	4412.7	1152	142.73	88059	131.65	88047	125.79	86339	123.29	87270	122.25	87359	119.82	85360
2535	495.9	4412.7	1153	131.31	88059	120.96	88047	119.10	87337	113.12	87339	111.16	87270	109.95	87352
2536	496.9	4412.7	1154	134.28	88059	116.55	87270	116.36	88047	110.74	87337	109.83	87339	106.85	87352
2537	497.9	4412.7	1155	137.32	88059	115.95	87270	115.57	88047	111.06	87352	109.03	87337	106.90	87339
2538	498.9	4412.7	1156	134.81	88059	119.01	88047	116.82	87270	112.42	87351	110.22	87333	108.98	87352
2539	499.9	4412.7	1157	141.97	88059	118.66	87270	117.08	87333	115.35	88047	113.51	87351	110.10	87352
2540	500.9	4412.7	1158	165.64	88059	141.19	87270	125.55	85340	125.16	86339	123.17	87353	123.07	87333
2541	501.9	4412.7	1159	150.37	88059	131.47	87337	128.25	88003	127.54	87352	126.64	89004	122.05	88340
2542	502.9	4412.7	1160	141.74	88059	119.55	85340	117.50	87270	114.04	87352	113.51	87339	112.73	87337
2543	503.9	4412.7	1161	130.33	88059	112.30	87333	111.24	87337	110.42	87339	109.27	87352	107.53	87270
2544	504.9	4412.7	1162	131.26	88059	116.06	86355	116.03	87270	115.31	87339	112.81	87352	111.05	85340
2545	505.9	4412.7	1163	120.21	88059	114.96	87339	109.75	87352	105.42	86355	105.26	87270	102.98	88003
2546	506.9	4412.7	1164	129.72	88059	117.05	87339	112.76	87270	104.96	87352	102.94	87350	102.39	86351
2547	507.9	4412.7	1165	140.25	88059	129.35	87339	125.39	87270	120.19	86339	119.90	87350	118.49	85340
2548	508.9	4412.7	1166	123.50	87339	117.02	88059	112.16	87352	112.14	88003	109.25	86355	108.96	87270
2549	509.9	4412.7	1167	117.72	88059	109.47	87339	103.21	88003	102.39	87270	99.65	87350	99.46	87337

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2590	510.9	4412.7	1168	112.82	88003	107.30	88059	106.60	87339	99.84	87337	99.77	87352	99.35	87360
2591	511.9	4412.7	1169	107.79	88059	104.48	88003	98.57	87339	96.94	87270	96.88	87352	94.56	87350
2592	512.9	4412.7	1170	129.33	88059	111.85	87270	109.00	88003	104.04	85340	100.87	87339	100.40	87337
2633	482.9	4413.7	1171	137.60	87327	115.33	88363	112.92	88047	111.45	85070	106.54	85360	105.61	88059
2634	483.9	4413.7	1172	112.73	88047	110.72	85026	107.09	85360	106.60	85070	102.45	88059	98.63	85006
2635	484.9	4413.7	1173	112.36	88047	110.17	88059	108.92	85360	106.88	85070	95.01	85040	92.62	87270
2636	485.9	4413.7	1174	111.22	88059	110.61	88047	107.73	85360	106.84	85070	95.81	87270	93.98	85040
2637	486.9	4413.7	1175	113.18	88059	112.19	88047	107.73	85360	107.51	85070	95.49	87270	94.49	85040
2638	487.9	4413.7	1176	114.37	88059	112.38	88047	107.06	85070	106.86	85360	95.36	87270	95.27	85040
2639	488.9	4413.7	1177	118.04	88059	115.25	88047	109.66	85360	108.08	85070	96.97	87270	96.68	85040
2640	489.9	4413.7	1178	119.49	88059	119.35	88047	112.78	85360	111.02	85070	100.12	87270	97.00	85040
2641	490.9	4413.7	1179	127.25	88047	122.26	88059	112.74	85070	112.31	85360	99.25	87270	97.64	85040
2642	491.9	4413.7	1180	128.90	88059	127.51	88047	115.27	85360	110.08	85070	105.93	87270	101.81	85040
2643	492.9	4413.7	1181	130.80	88059	128.17	88047	116.23	87270	112.84	85360	106.69	85070	103.04	86339
2644	493.9	4413.7	1182	134.56	88059	128.06	88047	113.79	85360	113.15	87270	109.14	87359	108.04	86339
2645	494.9	4413.7	1183	132.68	88059	117.95	88047	115.52	87270	108.72	87337	108.50	87352	108.36	87351
2646	495.9	4413.7	1184	123.83	88059	111.78	88047	108.01	87337	106.02	87339	105.37	87270	103.89	87352
2647	496.9	4413.7	1185	129.33	88059	114.51	87270	112.07	88047	103.52	85360	103.13	87352	101.08	87339
2648	497.9	4413.7	1186	134.19	88059	116.66	88047	111.79	87270	108.89	87352	106.50	87351	102.53	87339
2649	498.9	4413.7	1187	133.21	88059	114.15	88047	113.12	87270	106.91	87351	106.06	87333	105.37	87352
2650	499.9	4413.7	1188	140.59	88059	118.41	87270	112.89	88047	110.21	87352	110.10	87351	108.15	87333
2651	500.9	4413.7	1189	163.61	88059	139.30	87270	125.20	86339	124.18	87353	121.77	85340	119.99	87333
2652	501.9	4413.7	1190	150.93	88059	126.25	87337	123.58	88003	122.86	87352	122.25	89004	121.23	87270
2653	502.9	4413.7	1191	139.47	88059	114.92	87270	114.14	85340	113.75	87339	113.61	87352	109.95	88003
2654	503.9	4413.7	1192	130.37	88059	111.65	87339	109.88	87352	109.63	87333	106.74	87337	105.76	87270
2655	504.9	4413.7	1193	129.87	88059	114.60	87339	112.37	87352	111.97	87270	111.26	86355	108.40	85340
2656	505.9	4413.7	1194	120.03	88059	114.90	87339	109.10	87352	106.16	87270	104.28	86355	103.30	88003
2657	506.9	4413.7	1195	125.19	88059	112.78	87339	105.70	87270	101.97	87352	100.72	87350	97.34	88003
2658	507.9	4413.7	1196	125.89	88059	114.99	87339	114.53	87270	106.77	87352	104.15	87350	103.24	85340
2659	508.9	4413.7	1197	116.33	88059	113.11	87339	106.21	87270	103.90	87350	101.88	87352	100.32	88003
2660	509.9	4413.7	1198	114.25	88059	108.91	88003	104.51	87339	101.48	87352	100.68	87350	99.38	87270
2661	510.9	4413.7	1199	108.71	88059	107.44	88003	100.78	87352	100.32	87339	100.05	87270	98.59	87350
2662	511.9	4413.7	1200	107.39	88059	107.27	88003	97.25	87352	97.02	87337	96.07	87360	96.02	87270
2663	512.9	4413.7	1201	122.02	88059	105.92	87270	104.00	88003	100.84	85340	96.10	87337	95.76	87352
2704	482.9	4414.7	1202	121.03	86354	109.68	88047	108.38	85070	106.15	85360	105.84	88059	95.25	88341
2705	483.9	4414.7	1203	115.49	87327	111.09	88047	110.29	85070	106.65	85360	103.57	88059	96.89	88363
2706	484.9	4414.7	1204	112.39	88047	110.70	88059	107.47	85360	107.40	85070	93.36	87270	93.34	85006
2707	485.9	4414.7	1205	111.07	88047	108.94	88059	108.21	85360	105.60	85070	96.44	85026	93.51	87270
2708	486.9	4414.7	1206	112.97	88047	111.35	88059	110.13	85360	106.35	85070	96.63	87270	90.83	88016
2709	487.9	4414.7	1207	117.81	88047	115.42	88059	111.88	85360	109.71	85070	95.44	87270	92.15	88016
2710	488.9	4414.7	1208	125.16	88047	121.20	88059	115.45	85360	111.00	85070	99.76	87270	94.61	89014
2711	489.9	4414.7	1209	128.59	88047	121.97	88059	111.77	85360	107.39	85070	105.14	87270	94.54	85040
2712	490.9	4414.7	1210	133.22	88047	123.79	88059	115.05	85360	105.10	85070	102.81	87270	97.52	85040
2713	491.9	4414.7	1211	125.41	88047	125.29	88059	110.53	85360	109.77	87270	101.00	85070	100.03	87359
2714	492.9	4414.7	1212	130.52	88059	122.93	88047	115.79	87270	107.92	85360	100.43	87359	99.31	88015
2715	493.9	4414.7	1213	132.16	88059	122.67	88047	111.95	87270	109.28	85360	108.59	86339	104.56	87001
2716	494.9	4414.7	1214	126.21	88059	115.62	88047	111.55	87270	108.52	87352	107.56	87337	106.35	87351
2717	495.9	4414.7	1215	122.61	88059	114.54	88047	104.53	87270	104.24	87352	100.41	85360	100.14	87351
2718	496.9	4414.7	1216	128.76	88059	113.83	87270	113.67	88047	104.76	87351	103.59	87352	100.73	85360
2719	497.9	4414.7	1217	133.97	88059	118.78	88047	109.07	87352	108.61	87270	107.45	87351	101.15	87333
2720	498.9	4414.7	1218	134.61	88059	114.26	88047	112.84	87270	107.99	87352	106.01	87351	103.74	87333

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2721	499.9	4414.7	1219	141.19	88059	118.15	87270	113.11	88047	111.16	87352	108.34	87351	106.72	87333
2722	500.9	4414.7	1220	159.18	88059	133.82	87270	120.09	85340	119.64	87353	118.58	86339	115.72	88047
2723	501.9	4414.7	1221	151.06	88059	125.26	88003	123.22	87352	121.13	87337	120.39	89004	120.26	87270
2724	502.9	4414.7	1222	139.90	88059	113.36	87270	112.88	87352	111.60	85340	110.89	88003	110.87	87339
2725	503.9	4414.7	1223	131.22	88059	112.85	87352	109.30	87339	107.41	87333	106.47	88003	104.77	87337
2726	504.9	4414.7	1224	131.18	88059	111.97	87270	111.67	87339	109.16	87352	107.20	85340	107.20	86355
2727	505.9	4414.7	1225	122.84	88059	113.13	87339	109.96	87352	105.86	87270	105.70	86355	101.02	86345
2728	506.9	4414.7	1226	128.54	88059	112.31	87339	110.02	87270	105.75	87352	105.10	87350	102.07	88003
2729	507.9	4414.7	1227	122.14	88059	113.59	87270	112.88	87339	103.49	87350	103.26	87352	100.36	86355
2730	508.9	4414.7	1228	117.04	88059	110.30	87270	107.95	87339	101.31	87350	98.09	87352	96.80	85340
2731	509.9	4414.7	1229	113.98	88059	102.96	87339	101.77	87352	101.77	88003	100.12	87350	98.96	87270
2732	510.9	4414.7	1230	115.78	88003	106.32	87352	106.11	88059	98.80	87350	98.19	87270	97.48	88064
2733	511.9	4414.7	1231	106.74	88059	104.65	88003	99.17	87352	95.93	87360	95.08	87270	93.74	87337
2734	512.9	4414.7	1232	117.77	88059	105.43	88003	101.92	87270	100.62	85340	94.72	87352	94.29	89004
2775	482.9	4415.7	1233	112.94	88059	109.56	88047	107.63	86354	107.23	85360	103.96	85070	97.92	87270
2776	483.9	4415.7	1234	111.66	88047	107.73	85360	105.50	85070	102.74	88059	94.26	89014	92.15	86354
2777	484.9	4415.7	1235	112.69	88047	111.37	85360	109.12	88059	107.60	85070	103.25	87327	93.01	87270
2778	485.9	4415.7	1236	114.09	88047	110.74	85360	107.45	85070	107.38	88059	92.52	87270	91.17	89014
2779	486.9	4415.7	1237	117.59	88047	111.98	88059	111.05	85360	109.01	85070	95.89	87270	93.88	85006
2780	487.9	4415.7	1238	122.57	88047	112.64	85360	112.13	88059	105.90	85070	95.09	87270	94.45	85026
2781	488.9	4415.7	1239	126.53	88047	120.43	88059	110.09	85360	104.96	85070	101.00	87270	95.65	85040
2782	489.9	4415.7	1240	124.65	88047	121.66	88059	111.15	85360	105.25	87270	101.68	85070	95.61	85040
2783	490.9	4415.7	1241	121.03	88047	119.60	88059	107.35	85360	104.15	87270	98.86	85070	97.59	89014
2784	491.9	4415.7	1242	122.39	88059	115.14	88047	106.24	87270	105.01	85360	97.05	85070	95.43	89014
2785	492.9	4415.7	1243	129.05	88059	118.48	88047	115.95	87270	111.25	85360	104.06	86339	101.54	89014
2786	493.9	4415.7	1244	130.42	88059	121.63	88047	110.18	87351	109.80	87270	108.87	86339	107.79	87337
2787	494.9	4415.7	1245	129.17	88059	115.97	88047	112.97	87270	108.89	87337	105.23	87351	104.61	87352
2788	495.9	4415.7	1246	124.54	88059	113.08	88047	107.26	87270	104.56	87352	103.35	87351	101.65	87337
2789	496.9	4415.7	1247	131.57	88059	113.72	88047	113.12	87270	110.97	87351	102.77	87352	102.74	85360
2790	497.9	4415.7	1248	137.46	88059	116.83	88047	111.18	87270	108.33	87352	106.74	87351	104.16	87333
2791	498.9	4415.7	1249	136.06	88059	113.45	87270	111.51	88047	109.44	87352	107.22	87351	104.12	87333
2792	499.9	4415.7	1250	147.54	88059	120.50	87270	112.91	88047	109.85	87352	109.66	86339	109.46	87333
2793	500.9	4415.7	1251	159.44	88059	135.02	87270	121.44	86339	121.09	87353	119.27	85340	117.88	87333
2794	501.9	4415.7	1252	153.13	88059	121.29	87337	120.71	87270	120.60	87352	116.57	89004	115.68	88003
2795	502.9	4415.7	1253	145.36	88059	118.52	88003	114.69	87270	114.66	87352	113.78	85340	111.84	87337
2796	503.9	4415.7	1254	131.22	88059	117.71	87352	113.39	88003	108.44	87339	108.15	88047	107.59	87333
2797	504.9	4415.7	1255	131.21	88059	112.26	87270	110.65	87339	106.41	87337	106.30	87333	105.11	87352
2798	505.9	4415.7	1256	124.48	88059	107.47	87339	107.42	86355	107.17	87352	104.96	87270	104.12	86345
2799	506.9	4415.7	1257	122.57	88059	107.72	87270	107.59	87339	100.50	87352	98.71	86355	96.16	87350
2800	507.9	4415.7	1258	118.34	88059	110.93	87270	105.55	87339	98.06	87350	96.87	87352	93.83	88003
2801	508.9	4415.7	1259	112.07	88059	110.16	87270	101.17	87339	94.54	88003	94.06	87352	92.39	86351
2802	509.9	4415.7	1260	132.18	89024	128.24	88059	121.05	85314	115.58	87356	110.08	87314	106.79	87352
2803	510.9	4415.7	1261	131.03	88003	129.12	87352	129.02	85007	123.35	87351	113.77	86068	111.04	87350
2804	511.9	4415.7	1262	107.33	88059	104.86	88003	99.00	87337	97.53	87352	96.14	87351	95.60	87360
2805	512.9	4415.7	1263	115.71	88059	100.03	88003	99.45	85340	99.22	87270	94.56	87352	93.56	87360
2846	482.9	4416.7	1264	112.95	85360	110.51	88047	108.15	88059	105.89	88016	104.40	85070	101.53	87270
2847	483.9	4416.7	1265	112.24	88047	111.89	85360	107.56	85070	102.65	88059	100.70	86354	92.31	87270
2848	484.9	4416.7	1266	115.34	88047	112.71	85360	111.84	85070	105.94	88059	93.97	89014	92.13	87270
2849	485.9	4416.7	1267	119.76	88047	109.79	85360	108.10	85070	106.42	88059	92.78	87327	91.10	87270
2850	486.9	4416.7	1268	121.89	88047	111.61	88059	110.34	85360	103.44	85070	95.98	87270	92.60	85040
2851	487.9	4416.7	1269	124.07	88047	112.55	88059	107.19	85360	101.99	85070	96.46	87270	95.51	85040

SUMMARY OF MODEL RESULTS FOR 2030 MAINTENANCE YEAR

RECP.	LOCATION		RECP.	FIRST HIGH		SECOND HIGH		THIRD HIGH		FOURTH HIGH		FIFTH HIGH		SIXTH HIGH	
	NAME	UTME		UTMN	NUMBER	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY	UG/M3	YR JDAY
2852	488.9	4416.7	1270	121.26	88047	119.61	88059	108.84	85360	100.47	85026	100.04	87270	99.94	85070
2853	489.9	4416.7	1271	119.76	88059	117.69	88047	106.21	87270	105.86	85360	99.34	85026	98.94	85070
2854	490.9	4416.7	1272	118.14	88059	114.77	88047	107.88	85360	103.94	87270	99.12	85070	95.87	87359
2855	491.9	4416.7	1273	122.96	88059	112.65	88047	107.66	85360	104.07	87270	96.56	85070	94.99	89014
2856	492.9	4416.7	1274	130.07	88059	116.42	88047	115.16	87270	108.66	86339	108.45	85360	102.90	87351
2857	493.9	4416.7	1275	128.08	88059	114.72	88047	106.58	87270	106.42	87337	104.64	85360	103.11	87351
2858	494.9	4416.7	1276	127.23	88059	113.11	87270	111.06	88047	104.22	87351	102.49	87337	101.99	85360
2859	495.9	4416.7	1277	126.12	88059	110.24	88047	106.98	87351	104.52	87270	101.74	87337	101.29	85360
2860	496.9	4416.7	1278	131.06	88059	112.38	88047	111.19	87270	106.54	87351	103.60	85360	103.48	87352
2861	497.9	4416.7	1279	136.33	88059	112.25	88047	108.61	87270	106.48	87352	103.84	87337	103.13	87351
2862	498.9	4416.7	1280	137.05	88059	109.85	87352	109.34	87270	107.86	88047	106.48	87351	101.16	87337
2863	499.9	4416.7	1281	147.06	88059	118.68	87270	109.61	87352	108.49	86339	108.10	88047	105.79	87351
2864	500.9	4416.7	1282	154.14	88059	130.67	87270	115.54	87353	113.89	85340	113.69	86339	112.48	87333
2865	501.9	4416.7	1283	154.55	88059	120.02	87270	119.98	87337	114.76	87352	114.12	87333	112.70	87339
2866	502.9	4416.7	1284	158.26	88059	129.93	87337	129.61	87270	124.94	85340	123.07	86339	120.44	87333
2867	503.9	4416.7	1285	130.98	88059	120.63	87333	115.91	87352	114.97	86355	114.81	87339	112.06	87337
2868	504.9	4416.7	1286	129.21	88059	111.59	87270	107.03	87339	104.03	87337	102.28	87333	101.89	87352
2869	505.9	4416.7	1287	122.11	88059	105.14	87352	104.20	87339	103.96	86355	102.99	86345	102.74	87270
2870	506.9	4416.7	1288	119.30	88059	106.99	87270	103.82	87339	99.39	87352	97.32	86355	94.15	87360
2871	507.9	4416.7	1289	115.48	88059	107.17	87270	102.86	87339	96.65	87350	95.59	87352	93.12	87360
2872	508.9	4416.7	1290	112.09	88059	110.33	87270	102.30	87339	97.40	87350	96.84	87360	96.79	87352
2873	509.9	4416.7	1291	170.64	86339	164.51	88059	155.48	87359	149.15	87270	142.93	87350	138.05	87337
2874	510.9	4416.7	1292	157.44	86355	140.68	87333	135.18	86351	128.96	87352	128.18	86329	127.62	86354
2875	511.9	4416.7	1293	105.77	88059	101.70	88003	98.36	87352	95.98	87360	94.96	85340	94.56	87337
2876	512.9	4416.7	1294	113.69	88059	103.91	88003	99.99	85340	97.39	87270	95.84	87352	91.61	87339
Max				204.21		178.41		160.44		159.73		158.56		157.63	