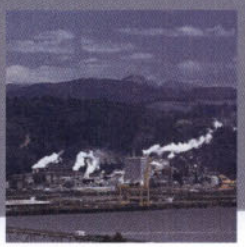
Prepared for:
Mirant Potomac River, LLC
Potomac Generating Station
Alexandria, VA





Mirant Potomac River, LLC
Monthly Model Evaluation Study Report
March 2007

ENSR Corporation
March 2007
Document No.: 10350-003-106-10

ENSR | AECOM

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April 20, 2007

Doug Snyder
Assistant Regional Counsel
Office of Regional Counsel
US EPA-Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

Michael Dowd
Air Enforcement Manager
Virginia Department of Environmental Quality
629 East Main Street
Richmond, VA 23240-0009

Dear Messrs. Snyder and Dowd:

As you are aware, Mirant Potomac River, L.L.C. (Mirant) is operating per the terms and conditions of the Administrative Compliance Order (ACO) dated June 1, 2006. Under the terms of ACO, Mirant is to deliver a monthly report to include: (1) the modeled input files and results of the daily Predictive Modeling for the preceding month, including the hourly average heat input in the MMBtu for each unit and the exit velocity (or exhaust volume) for each unit; (2) verification that the planned Operating Parameters utilized for Predictive Modeling in the preceding month were not exceeded, or if exceeded, documentation describing that exceedance: (3) the inputs and results of the "follow-up" modeling for the preceding month (or portion thereof during which all Monitors were not in place), including the hourly average heat input in MMBtu for each unit and the exit velocity (or exhaust volume) for each unit; and (4) after installation of the Monitors, the data generated by the Monitors.

As a result, please see the attached submission, "Mirant Potomac River, LLC Monthly Model Evaluation Study Report" for the month of March 2007.

The modeling data enclosed includes:

- Modeled Input Files and Results of Predictive Modeling: 3-hour and 24-hour AERMOD predictive modeling results using day-ahead weather forecast data for March 2007;
- Plant Operating Parameters Summary: 3-hour and 24 hour Rate Compliance Summary.
- Plant Operating Data.
- Follow-up Modeling Results: 3-hour and 24-hour AERMOD follow-up modeling results performed by the third-party consultant, ENSR, using observed weather conditions for March 2007; and 3-hour and 24-hour ambient actual monitor data for SO2 averages from the continuous monitoring sites as prescribed in the ACO, for the period of March 2007.
- Monthly Summary Data Reports: Marina Towers Central, Marina Towers South, Southeast, Southwest, North, and Northeast.

- In addition, we have provided a satellite view of the ambient air quality and meteorological network.

Should you have any questions regarding these modeling results, please contact me at 301-955-9168 or by email: david.cramer@mirant.com.

Regards,

David Cramer
Manager – Air Compliance & Permitting

Copies: Bob Driscoll, CEO Mid-Atlantic L.L.C
Judith Katz, US EPA
Shawn Konary, Director Environmental, Safety and Health, Mirant
File

Prepared for:
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Frank R. Tringale Jr.

Prepared By

Dave Shu

Reviewed By

ENSR Corporation
March 2007
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DOCUMENT CERTIFICATION

Facility Name: *Potomac River Generating Station*

Identification: **ORIS # 3788; Virginia Registration# 70228**

Facility Location: **1400 North Royal St., Alexandria VA 22314**

Type of Submittal Attached: **March 2007 Monthly ACO Report**

This March 2007 Monthly Report is being submitted to demonstrate compliance with the Administrative Compliance Order between Mirant Potomac River, LLC and the U.S. EPA, dated June 2, 2006.

Certification: Except as provided below, I certify that the information contained in or accompanying this report is true, accurate, and complete. As to those portions of this report for which I cannot personally verify their accuracy, I certify under the penalty of law that this report and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Responsible Official (Print): **Robert E. Driscoll**

Title: **President & Chief Executive Officer, Mirant Potomac River, LLC**

Signature: Robert Driscoll **Date:** April 17, 2007

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1.0 Introduction

Under an Administrative Compliance Order (ACO) signed on June 1, 2006, between Mirant Potomac River, LLC, (Mirant) and the United States Environmental Protection Agency (EPA), Mirant is submitting a monthly modeling, monitoring, and operating data report for March 2007.

2.0 Daily Predictive Modeling

On June 17, 2006, Mirant began performing daily forecast modeling to calculate maximum sulfur dioxide (SO_2) impacts from the Potomac River Power Plant. Mirant uses this modeling to plan electrical generation for the following day. Mirant uses meteorological data forecasted by the National Weather Service's Global Forecast Model (see http://www.arl.noaa.gov/ready/cmet.html) for Reagan National Airport. Modeling is carried out between 8:00 am – 10:00 am each day for the next day. All other model inputs including receptors, land use and building dimensions derived from BPIP-PRIME for downwash simulations were established in the August 2005 modeling report entitled "A Dispersion Modeling Analysis of Downwash from Mirant's Potomac River Power Plant" (ENSR Document 10350-002-410) and were used in the daily forecast modeling.

Beginning on February 19th and continuing through March 6th, PEPCO conducted a scheduled maintenance outage on one of the 230 kV transmission lines that supply electricity to central Washington DC. Any time one or more of these transmission lines is out of service, operations at the plant fall under Ordering Paragraph A of the December 20, 2005 Department of Energy (DOE) Order 202-05-03, which requires Mirant to "operate the Potomac River Generating Plant to produce the amount of power (up to its full capacity) needed to meet the demand in the Central D.C. area as specified by PJM for the duration of the outage". Section IV.C of the ACO, 'Operations During Line Outage Situations' mirrors the DOE Order. During the February 19 – March 6 period, PJM direction took precedence over daily predictive modeling guidelines when determining the number of units to run each day. Nevertheless, Mirant ran daily predictive and follow-up modeling throughout the duration of the line outage.

Table A-1 in (Appendix A) summarizes the daily predictive modeling results for each day. Mirant is required to control SO_2 emissions so that the maximum modeled 3-hour impact is at or below 1,061 $\mu g/m^3$. The 3-hour National Ambient Air Quality Standard (NAAQS) for SO_2 is 1,300 $\mu g/m^3$. Mirant assumes that there is an existing background concentration of 239 $\mu g/m^3$, representing the contribution to ambient air from other sources. For the 24-hour average, Mirant is required to control SO_2 emissions so that its maximum modeled impact is at or below 314 $\mu g/m^3$, allowing for a 51 $\mu g/m^3$ background concentration. The 24-hour NAAQS for SO_2 is 365 $\mu g/m^3$.

Predictive PM_{10} modeling results can also be found in Table A-1. Mirant conducts PM_{10} modeling using an emission rate of 0.055 lb/MMBtu from each stack that is modeled to run, plus fugitive emissions at levels scaled to the number of units in operation. The emission rate used for PM_{10} modeling was set higher than the highest PM stack test result recorded at the plant. With three units in operation at the 0.055 lb/MMBtu PM_{10} emission rate, the plant shows modeled compliance under all meteorological conditions, therefore the ACO only requires predictive PM_{10} modeling be conducted when four or five units are scheduled to run.

In March 2007, modeling resulted in 3-hour SO_2 limits ranging from 0.19 lb/MMBtu to 1.84 lb/MMBtu and 24-hour SO_2 limits ranging from 0.24 lb/MMBtu to 1.20 lb/MMBtu.

3.0 Plant Operating Parameters

Upon completion of daily predictive modeling, operating targets for each unit that is scheduled to run the next day are set. The plant then operates the scheduled units at the SO_2 emission rate and level of operation set by the model. A single 24-hour SO_2 emission rate is assumed for all units that operate on a given day. In addition, a maximum 3-hour SO_2 emission rate is determined during the predictive modeling process which is used as a short term upper limit by operators, should equipment malfunction cause SO_2 emissions to rise above the 24-hour average limit. If a unit is not meeting its target SO_2 emission rate, plant operations will be curtailed to an operating configuration that models NAAQS compliance.

There are three ways in which actual plant operations are compared to predictive modeling results to evaluate the plant's adherence to the scheduled operation prescribed by the predictive model.

24-Hour Average SO_2 Emission Rate

Table B-1 (Appendix B) illustrates the 24-hour average SO_2 emission rate each unit achieved for every day of the month, and the corresponding target SO_2 emission rate to be met for each day. The 24-hour emission rate was met by all units in March 2007 when all transmission lines were in service.

During the line outage period, some units exceeded the 24-hour SO_2 target due to DOE Order requirements. No 24-hour SO_2 NAAQS exceedances were observed by the SO_2 monitoring network at any time in March however.

3-Hour Average SO_2 Emission Rate

Table B-2 (Appendix B) illustrates the 3-hour maximum SO_2 emission rate each unit attained for every day of the month, and the corresponding target SO_2 emission rate not to be exceeded for each day. The 3-hour emission rate target was met by all units in March 2007 when all transmission lines were in service. During the line outage period, some units exceeded the 3-hour SO_2 target due to DOE order requirements. No 3-hour SO_2 NAAQS exceedances were observed by the SO_2 monitoring network at any time in March however.

SO_2 Pounds-Per-Day Emissions

AERMOD models stack SO_2 emissions as a mass emission rate in pounds per hour or grams per second. In order to determine if the actual output from each unit complied with the SO_2 mass emissions predicted by the model, an SO_2 pounds-per-day limit based on model results has been established.

Dispatch signals from PJM vary the generation output of each unit continuously, making it impossible to make hourly comparisons between actual unit generation and hourly-based predictive model results. Unit output can be evaluated however, by comparing each unit's total SO_2 pounds-per-day emitted to a daily target established by the predictive model.

Unit specific SO_2 pounds-per-day targets are computed using heat input to each unit, the daily SO_2 target emission rate, and the unit operating scenario selected for the day.

The daily SO_2 target emission rates and unit operating scenarios can be found in the daily predictive model results summary in Table A-1. Heat inputs for each unit are calculated from the daily operating scenarios, which describe the operating profile for each unit, and unit heat rates, which are a measure of how efficiently the units convert fuel heat content into electricity. The procedure below illustrates how the SO_2 pounds-per-day targets are derived.

The first step is to determine hourly heat input values based on the assumed minimum and maximum loads and associated heat rates listed in Table 3-1.

Table 3-1: Unit Heat Rates

Unit	Operating Load	Net Power Output (MWh)	Net Heat Rate (MMBtu/MWh)	Heat Input (MMBtu)
1 & 2	Maximum	88	12.6	1113
	Minimum	32	15.3	491
3, 4, and 5	Maximum	102	10.2	1045
	Minimum	32	12.5	401

Hourly heat inputs are then used to compute daily heat inputs based on the unit operating conditions. Daily heat inputs for all unit operating combinations are presented below in Table 3-2.

Table 3-2: Daily Unit Heat Inputs

Unit	Daily Operating Scenario	Daily Heat Input per Unit (MMBtu/day)
1 & 2	8 Hours Maximum Load / 8 Hours Minimum Load / 8 Hours Off	12,826
	16 Hours Maximum Load / 8 Hours Off	17,801
	24 Hours Maximum	26,701
3, 4, & 5	8 Hours Maximum Load / 16 Hours Minimum Load	14,769
	12 Hours Maximum Load / 12 Hours Minimum Load	17,346
	16 Hours Maximum Load / 8 Hours Minimum Load	19,922
	24 Hours Maximum Load	25,076

Based on the daily forecast operating scenario, multiplying the above heat input (in MMBtu/day) for each unit operating scenario times the daily target emission rate (in lb/MMBtu) produces the daily target SO_2 mass emission rate (lb/day) shown in Table B-3 for each unit.

For example, one configuration calls for Units 1 and 2 to operate at maximum load for 8 hours, minimum load for 8 hours, and off for 8 hours; and for Units 3, 4, and 5 to operate for 12 hours at maximum load and 12 hours at minimum load. Assuming the SO_2 limit for the day is 0.6 lb/MMBtu, the daily SO_2 target (in lb/day) is:

Unit 1 and 2: 12,826 MMBtu/day X 0.6 lb/MMBtu = 7,696 lb/day per unit

Unit 3, 4, and 5: 17,346 MMBtu/day X 0.6 lb/MMBtu = 10,408 lb/day per unit

Table B-3 illustrates the pounds per day of SO_2 emitted by each unit for every day of the month and its corresponding SO_2 lb/day target. The SO_2 lb/day targets were met by all units in March 2007 when all transmission lines were in service.

During the line outage period, some units exceeded their 24-hour pounds-per-day SO_2 target due to DOE Order requirements.

It should be noted that occasionally a small number of SO_2 pounds can be found in Table B-3 for units on non-operating days. These emissions are the result of boiler startup or shutdown activities associated with operations from the following or previous day. These insignificant emissions are a normal part of transitioning units on and off line and are acknowledged in Section IV.B.1.a of the ACO.

4.0 Follow-Up Modeling

ENSR performed follow-up modeling for the period March 1 – 31, 2007. The modeling used actual, measured, hourly, in-stack emissions parameters and hourly weather data from the National Weather Service site at Reagan National Airport. All other model inputs including receptors, land use and building dimensions derived from BPIP-PRIME for downwash simulations were established in the August 2005 modeling report entitled "A Dispersion Modeling Analysis of Downwash from Mirant's Potomac River Power Plant" (ENSR Document 10350-002-410) and were used in this follow-up modeling.

Appendix C contains daily operating data for the Potomac River Generating Station. The data are included on the accompanying CD. A "read me" file on the CD explains the file structure.

Table D-1 (Appendix D) summarizes the follow-up modeling results for each day and compares the results to the daily predictive modeling and to maximum observed ambient SO_2 concentrations in the monitoring network. There were three days in March in which follow-up modeling showed potential 3-hour NAAQS exceedance (March 2, 23 and 26). Follow-up modeling showed seven potential 24-hour NAAQS exceedances (March 2, 4, 5, 13, 23, 26, 30).

3-Hour Modeled Exceedances

The 3-hour modeled exceedance on March 2 was predicted in the SE portion of the roof of Marina Towers for the 3-hour period ending 0600 local time. The exceedance was predicted at a location on the roof that is at the same location as the South SO_2 monitor on the roof. Meteorological conditions during this period consisted of strong winds (7 - 9 m/sec) from 170°/170°/180° for the three hour period as measured at Reagan Airport and 5-8 m/sec from 172 - 180° as measured by the on site monitors. The maximum observed SO_2 concentrations from the monitors on March 2 is listed below. The strong winds minimized plume rise, combined with five units operating under emergency conditions, contributed to the elevated 3-hour measured concentration. The measured concentration is not an exceedance of the NAAQS.

Date	3-Hour Max. $\mu g/m^3$	24-Hour Avg. $\mu g/m^3$
March 2	1,183	274
March 4	NA	103
March 5	NA	134
March 13	NA	32
March 23	63	19
March 26	276	63
March 30	NA	39
NAAQS	***1,300***	***365***

The follow up 3-hour modeling prediction on March 2 was higher than the actual monitored SO_2 concentration because the actual plume heights from the units that were operating (Units 1,2,3,4,5) were higher than calculated by AERMOD. This is because winds from 170° - 180° nearly align the stack plumes, causing them

to combine and achieve enhanced plume rise. The AERMOD model assumes that the stack gases do not combine.

Follow up modeling predicted 3-hour NAAQS exceedances on March 23 and 26, both on the roof of Marina Towers. Actual measured concentrations were very low, 63 $\mu g/m^3$ and 276 $\mu g/m^3$. Differences in model calculated plume rise and actual plume rise accounted for the over prediction.

24-Hour Modeled Exceedances

Five of the follow up 24-hour modeled exceedances were predicted on the roof of Marina Towers and two modeled exceedances were predicted along the fenceline, east of stack 2. All predicted concentrations were greater than the observed concentrations. Of the five predicted 24-hour exceedances on the roof of Marina Towers, the highest observed concentration occurred on March 2 (274 $\mu g/m^3$) in association with strong winds from the south at 6-12 m/sec that lasted for 8 hours. The predicted 24-hour concentration was 549 $\mu g/m^3$. Differences in model calculated versus actual plume rise account for the over prediction.

Follow-up modeling predicted 24-hour NAAQS exceedances at ground level on March 4 and 5. Winds on these days were from the NW at 4-11 m/sec on March 4 and 6.3 – 10.3 m/sec on March 5. The maximum predicted concentration on March 4 was 347 $\mu g/m^3$ compared to the observed value of 103 ug/m3. The maximum predicted concentration on March 5 was 331 compared with an observed value of 134 $\mu g/m^3$. The predicted concentrations occurred near the SE fenceline monitor where the highest observed concentrations were recorded on those days. The higher predicted concentrations are partly due to the inherent conservatism of the model and partly due to there being only one monitor.

A review of Table D-1 (Appendix D) shows that sometimes there is a large discrepancy between the daily predictive modeling results and the follow-up modeling results using actual observed meteorological observations. On some days, follow-up modeling predicted higher concentrations, while on other days predictive modeling had higher concentrations. During southerly wind conditions, when power plant emissions are carried toward Marina Towers, follow-up modeling often predicts higher impacts than daily forecast modeling. ENSR presented a detailed explanation of the likely reasons for the differences between the daily predictive modeling and follow-up modeling for June, 2006 in a separate memo.

Charts D-1 and D-2 graphically display the data contained in Table D-1, with Chart D-1 displaying 3-hour SO_2 concentrations and Chart D-2 displaying 24-hour SO_2 concentrations for each day in March. Under normal operations, when predictive modeling is observed and there is no PEPCO Line Outage, the maximum predicted concentrations are always higher than observed concentrations, and generally by a wide margin. The likely reasons for this were discussed in the June 2006 memorandum cited above and in the Model valuation Study report.

Appendix D presents results of the weekly follow-up modeling. Modeling files are contained on the attached CD. A "read me" file on the CD explains the file structure.

5.0 Ambient Monitoring Data

As of August 2006, all six (6) Mirant Ambient Monitoring Program sites were in operation. The air quality monitoring sites measure ambient concentrations of sulfur dioxide (SO_2) in the vicinity of the Potomac River Power Plant. Three of the sites are at ground level and measure SO_2 at approximately 3-4 meters above ground height. Two sites are at a residential building, Marina Towers, where 2 sample probes measure SO_2 at a rooftop elevation. One probe is located at the center area of the building and one probe is positioned at the corner of the southeast wing of the building. One site is located southwest of the plant on the roof of the Holiday Inn. The six air monitoring sites were selected based on the results of extensive dispersion modeling, and the locations were approved by the U.S. EPA Region III as "preferred" sites in the Administrative Compliance Order dated June 1, 2006 (Docket No. CAA-03-2006-0163DA).

The ambient measurement program includes a meteorological measurement system that is comprised of tower-mounted parameters at the plant site. A separate SODAR system was added in December 2006. The list of air quality and meteorological parameters is provided in Table 5-1.

This report also includes a description of the monitoring equipment and data acquisition system. Section 6 of this report describes the various data validation criteria used for the Mirant ambient monitoring program, while Section 7 presents data results plus data capture statistics along with explanations of significant missing data periods. Appendix E presents monthly summary data reports of air quality and meteorological data. A satellite view of the Air Quality network is presented in Appendix F. The figure shows a view of the land area in the vicinity of the power plant with each measurement site labeled to indicate their location.

5.1 Description of the Ambient Data Report

Ambient air quality and meteorological data are collected and reported on a monthly basis from the Potomac River Generating Station's ambient air quality and meteorological monitoring network. The network was installed between the end of May and the end of July 2006. The Marina Tower probe sites began sampling on June 2, 2006. At the end of June, the network consisted of 4 SO_2 measurement locations, which was increased to 6 probe locations during the later part of July 2006. A separate meteorological monitoring station was installed in July and became operational in August 2006. A separate location has been selected for a SODAR measurement site and will come on line at a later date. The site locations were described in more detail in the monitoring plan document prepared for the project. The air quality data are compared to the National Ambient Air Quality Standards (NAAQS) for SO_2 and summarized on the monthly data report summary pages (MONSUMS) in Appendix E of this report. The parameters that are (and will be) monitored at the sites are listed in Table 5-1. Table 5-2 lists the instrumentation used for the monitoring program.

Configuration, siting, operation, data processing, quality assurance, and quality control practices for this measurement program conforms to the provisions of EPA's Ambient Monitoring Guidelines for the Prevention of Significant Deterioration (PSD), EPA-450/4-87-007, May 1987) and On-Site Meteorological Program Guidance for Regulatory Modeling Applications (EPA-450/4-87-013, June 1, 1987) except for the siting criteria of the monitoring stations. Exceptions to the siting criteria were made to meet the special requirements of the measurement program. A project specific Monitoring and QA Plan document details the network locations and operational procedures.

Each site is equipped with an Odessa 3260 data logger that monitors and records the output signals from the continuous measurement analyzers. The data loggers perform preliminary data processing, including computation of 1-hour averages and provide temporary data storage. Wind variability (sigma theta, sigma W) calculations will also be conducted by the data logger. The ENSR Data Center routinely interrogates the data

loggers via a dial-up phone line to retrieve the stored data. Data are then edited and validated within ENSR's PC-based data processing system.

5.2 Continuous Air Quality Measurements

Sulfur dioxide (SO_2) measurements are conducted using continuous measurement analyzers connected to an air intake manifold. Sulfur dioxide is measured at each site using a Thermo Environmental Instruments (TEI) Model 43A analyzer. The Odessa data logger monitors and records the output from the analyzers and provides hourly averages of pollutant concentrations. The hourly averages are reported in the monthly summary reports, which are presented in Appendix E.

Analyzers go through an automatic calibration check each day using the in-station calibration device controlled by the Odessa data logger. The automatic calibration is reviewed each business day by ENSR technical staff to verify that the analyzer is operating within acceptable performance boundaries. In the event that the automatic calibration check shows that the analyzer is not operating as required, corrective action is taken to investigate and resolve any instrument problem, if needed. On a biweekly schedule, each continuous SO_2 analyzer is checked for precision and, if needed, subsequently calibrated using the network gas dilution system (ENSR GASCAL) device and a certified gas cylinder of a known pollutant concentration.

5.3 Meteorological Measurements

A meteorological measurement system was installed during July-August 2006. Meteorological measurements are made at one tower site using sensors manufactured by Climatronics Corporation. Table 5-2 lists the parameter name and model number for each sensor. The sensors are installed on a 20-meter light tower located south of the power plant along the east fence line near the coal storage area. The wind speed, wind direction, and vertical wind sensors were moved from the 10-meter height to a 20-meter height on December 24, 2006 to improve sensor exposure. The meteorological site measures the parameters listed in Table 5-1.

The meteorological data is reviewed each business day to confirm that the system is operating properly and the hourly averages appear reasonable. The meteorological sensors receive a complete calibration and maintenance service check every 6 months.

Table 5-1: Summary of Monitoring Program Parameters for Mirant Air Quality Network

Site Name	Monitored Parameters	Elevation Above Ground Level (AGL)
Marina Towers Air Monitoring Site	Sulfur Dioxide (SO_2) – Central Rooftop Location, 1 probe	45-meters
	Sulfur Dioxide (SO_2) – Southeast Rooftop Location, 1 probe	40-meters
Southeast Fence Line	Sulfur Dioxide (SO_2) – 1 probe	5 meters
Northeast Fence Line	Sulfur Dioxide (SO_2) – 1 probe	5 meters
North - Daingerfield Park	Sulfur Dioxide (SO_2) – 1 probe	5 meters
Southwest - Holiday Inn Building	Sulfur Dioxide (SO_2) – 1 probe	5 meters
Meteorological Operations		
Met. Tower Site	Wind Speed (scalar & vector)	20 meters
	Wind Direction (scalar & vector)	20 meters
	Vertical Wind Speed	20 meters
	Sigma Theta	20 meters
	Sigma W	20 meters
	Temperature	2 meters
	Temperature Difference (ΔT)	2 to 10 meters
SODAR Plant Rooftop	Wind Speed (vector)	50, 75, 100, 125, 150, 175, 200 meters
	Wind Direction (vector)	50, 75, 100, 125, 150, 175, 200 meters
	Sigma Theta	50, 75, 100, 125, 150, 175, 200 meters
	Vertical Wind Speeds	50, 75, 100, 125, 150, 175, 200 meters
	Sigma W	50, 75, 100, 125, 150, 175, 200 meters

Table 5-2: Monitoring Equipment for the Mirant Ambient Monitoring Program

Parameter	Instrument	EPA Designation No.
SO_2	Thermo Environmental Instruments (TEI) 43A	EQSA-0486-060
Wind Speed	Climatronics Model F460	N/A
Wind Direction	Climatronics Model F460	N/A
Vertical Wind	RM Young	N/A
Temperature/Temperature Difference	Climatronics	
Sigma Theta, Sigma W	Odessa DSM 3260	N/A
Support Equipment		
Function	**Instrument**	
Data Acquisition	Odessa DSM 3260	
Telemetry – modem	Practical Peripheral (or other)	
Calibration Tracking	Metronics, In-station Calibrators with Permeation Tube	
Multipoint Calibrations and bi-weekly Precision and Level 1 Checks	ENSR GASCAL Portable Gas Dilution Calibration System with Scott Marrin Compressed Gas Cylinder of SO_2 in Nitrogen.	
Data Transmitters	Data Linc – Wireless transmitters/Receivers from measurement site into power plant.	

6.0 Ambient Data Validation Criteria

Data validation, an after-the-fact review of in-field collected data, is the process by which data are determined to be of acceptable or unacceptable quality based on a set of predefined criteria. These criteria depend upon the types of data involved and the purpose for which data are collected.

6.1 Continuous Parameter Data Validation

Data validation, which occurs at several steps along the path of data flow, includes visual, mathematical, and graphical evaluations of the data. Checks are performed by ENSR field technicians, data processing personnel and ENSR operation and maintenance staff. Although the data validation process is continuous, final data validation can only occur at the time of a final calibration of each analyzer so that all of the validation criteria can be considered. ENSR staff review all measured data to determine validity during periods between the routine calibration checks.

Validation of continuous air quality data and meteorological is governed by strict standard operating procedures. For data to be considered valid, they must be accurate and precise within prescribed limits, represent factual conditions, be obtained from a calibrated, well-functioning instrument and from air sampled without interference or obstructions, and be thoroughly documented as traceable to recognized primary standards.

The data validation process initially begins in the field with the ENSR field technician's assessment of data during each site visit. Hourly data averages are subsequently scanned at ENSR for anomalous results and any faulty instrument performance. Events affecting validity are thoroughly documented. During the processing, erroneous data values are highlighted. An experienced ENSR data analyst performs checks of the field station log sheets, calibration data and the data report. The data-review also includes checking any values flagged as suspect and usually 2-5% of each data month's hourly values. Periods of data labeled suspect by the ENSR field technician are subsequently deemed valid or invalid by the ENSR validating meteorologist. All instrument calibrations (i.e., audits, multi-point calibrations, precision and Level 1 checks, etc.) are subsequently analyzed to confirm that initial calibration results are within acceptable tolerances.

6.2 Data Validation Standards and Criteria

The following validation criteria are used in the evaluation of the data:

- The instrument must be in its normal sampling configuration.
- Each hourly average must be based on at least 45 minutes of valid data
- Each air quality data point must be bracketed by calibration checks showing instrument responses to be within ± 15% of input concentration.
- Audit, multipoint, precision and Level 1 calibration records of the continuous air quality sensors must indicate analyzer responses to be within ± 15% of input concentrations for the period under review.
- The following validation limits are used for the tower-based meteorological parameters:

Wind Speed	± 5 mph
Wind Direction	± 20 degrees
Vertical Wind	± 5 mph
Temperature	± 3.0° C

- Limits for SODAR-based meteorological data accuracy were presented in Table 1-2 of the QA Plan. Due to the technology associated with SODAR monitoring, it is sometimes difficult to provide definitive data validation limits where a co-located meteorological tower is not present. ENSR provides quantitative reasonability check tolerances upon which a professional meteorologist can base a data validation decision. The following is the validation criteria that will be used to evaluate SODAR data:

Test	Wind Speed (mph)	Wind Direction (degrees)	Vertical Wind Speed (mph)	Sigma W (mph)	Sigma Theta (degrees)
Acceptable Range	0 to 100	1 to 360	-15 to -15	0 to 30	0 to 180
Hourly Difference Between SODAR and Tower	7.0	30	3.0	0.9	10
Mean Difference of a Data Set (Tower vs. SODAR)	1.1	20	0.5	0.7	5
Standard Deviation of Differences for a Data Set (Tower vs. SODAR)	4.5	30	2.0	0.7	10

SODAR data are not judged invalid solely on the basis of the reasonability check acceptance criteria described in this section. Data failing to meet these reasonability check tolerances are ultimately determined valid or invalid by a meteorologist using professional judgment.

7.0 Ambient Data Results and Statistics

The parameter abbreviations used on the Monthly Data Summary Forms for the Mirant Project and their associated definitions are provided in Table 7-1.

Table 7-2 presents the valid data capture statistics for each monitored parameter for the monitoring period. Also included are explanations of all significant missing data periods throughout the report period for air quality parameters not meeting the 80% data capture goal, and meteorological parameters not meeting the 90% data capture goal.

At the Marina Towers SO_2 measurement site, the rack temperature exceeded 104° F from March 27, hour 1300 through March 28 hour 2300, which is the upper operating temperature range for the SO_2 analyzer according to the instrument manufacturer. The elevated inside temperature coincided with high outside ambient temperatures plus the presence of new monitoring equipment in the room, installed by other parties. The new monitoring equipment gives off additional heat, which is not fully managed by the two air conditioning units that are currently installed in the room.

Table 7-1: Parameters, Site Name Codes, and Abbreviations

Air Quality and Meteorological Parameters	
Parameters / Definition	**Monthly Summary Code**
Sulfur Dioxide	SO_2
Wind Speed	WS
Wind Speed – Vector	WS-Vector
Wind Direction	WD
Wind Direction – Vector	WD-Vector
Vertical Wind Speed	VWS
Sigma Theta (wind direction variability)	Sigma T
Temperature	Temp
Temperature Difference 2 to 10-Meters	Delta T
Site Name	**Site Abbreviation**
Marina Towers – Central Probe	Marina Towers - CNTRL
Marina Towers – South Probe	Marina Towers - SOUTH
Southeast Site	SOUTHEAST SO_2
Northeast Site	NORTHEAST SO_2
Southwest Site/Holiday Inn	SOUTHWEST HOLIDAY IN
North Site/Daingerfield Park	NORTH

Table 7-2: Mirant Monthly Data Capture Summary

March 2007

Site Name	Parameter	% Data Capture*	Total % Data Loss	Reason for Significant Periods of Data Loss**	Affected Dates
Marina Towers Central Probe	SO_2	99.3	0.7		
Marina Towers South Probe	SO_2	99.3	0.7		
Southeast Fence Line	SO_2	99.5	0.5		
Northeast Fence Line	SO_2	99.7	0.3		
Southwest Site/Holiday Inn	SO_2	99.5	0.5		
North Site/Daingerfield Park	SO_2	99.6	0.4		
Meteorological Tower Measurements Reported as of December 1, 2006	Wind Speed	99.9	0.1		
	Wind Direction	99.9	0.1		
	Vertical Wind	99.9	0.1		
	Sigma Theta	99.9	0.1		
	Sigma W	99.9	0.1		
	Temperature	99.9	0.1		
	Temperature Difference	99.9	0.1		

* Data capture target values are:
- 80% data capture for continuous air quality data.
- 90% data capture for continuous meteorological data.
- % data capture is based on the date of the site data start-up.

** Consecutive data loss greater than or equal to 12 hours

Appendix A

Modeled Input Files and Results of Daily Predictive Modeling (on CD)

Predictive Model Results Summary Table A-1

Table A-1: Predictive Model Results Summary

Potomac River

AERMOD Model Results Log

DATE MODELED	SELECTED CONFIGURATION	24 Hr AVG TARGET SO2 RATE lb/MBtu	3 HR MAX SO2 RATE (lb/MBtu)	AERMOD PREDICTED CONCENTRATIONS		
				SO2 3-HOUR	SO2 24-HOUR	PM10 24-HOUR
March 1, 2007	G3 Unit 1, 2, 3, 4 & 5(24Max)	0.24	0.19	1208	363	83
March 2, 2007	G3 Unit 1, 2, 3, 4 & 5(24Max)	0.24	0.21	1087	258	61
March 3, 2007	G3 Unit 1, 2, 3, 4 & 5(24Max)	0.24	0.34	665	276	65
March 4, 2007	G3 Unit 1, 2, 3, 4 & 5(24Max)	0.60	0.73	778	306	29
March 5, 2007	G3 Unit 1, 2, 3, 4 & 5(24Max)	0.24	0.42	546	305	71
March 6, 2007	G3 Unit 1, 2, 3, 4 & 5(24Max)	0.24	0.31	725	331	77
March 7, 2007	Table #1 C1 (8 / 8 / 8)	1.20	N/A	N/A	N/A	N/A
March 8, 2007	Z3 Units 1 & 2 (24Max)	0.60	1.16	493	180	N/A
March 9, 2007	Z1 Units 1 & 2 (16 Max 8 Off)	0.50	0.75	634	192	N/A
March 10, 2007	Table #1 C1 (8 / 8 / 8)	1.20	N/A	N/A	N/A	N/A
March 11, 2007	Table #1 C1 (8 / 8 / 8)	1.20	N/A	N/A	N/A	N/A
March 12, 2007	Table #1 C1 (8 / 8 / 8)	1.20	N/A	N/A	N/A	N/A
March 13, 2007	N1 Units 1& 2 (16/0/8), 3 (12/12)	0.50	1.04	457	178	N/A
March 14, 2007	P1 Units 1&2 (16/0/8), Unit 5 (12/12)	0.50	0.78	609	186	N/A
March 15, 2007	R Units 3 & 5 (12/12)	0.50	1.01	470	199	N/A
March 16, 2007	P2 Units 1&2 (8/8/8), Unit 5 (24Max)	0.60	1.30	437	182	N/A
March 17, 2007	V2 Units 1 (8/8/8), Unit 5 (24 Max)	0.60	1.83	312	155	N/A
March 18, 2007	R2 Units 3 & 5 (24 Max)	0.60	1.84	309	204	N/A
March 19, 2007	R Units 3 & 5 (12/12)	0.60	0.81	704	209	N/A
March 20, 2007	D2 Units 1&2 (8/8/8), 3&5 (24Max)	0.60	1.04	550	154	17
March 21, 2007	P2 Units 1&2 (8/8/8), Unit 5 (24Max)	0.60	0.82	698	130	N/A
March 22, 2007	V2 Unit 1 (8/8/8), Unit 5 (24 Max)	0.60	1.54	371	103	N/A
March 23, 2007	E Units 1&2 (8/8/8), 4&5 (12/12)	0.60	1.67	341	104	23
March 24, 2007	E2 Units 1&2 (8/8/8), 4&5 (24Max)	0.60	1.11	512	86	21
March 25, 2007	E2 Units 1&2 (8/8/8), 4&5 (24Max)	0.60	1.64	347	60	17
March 26, 2007	E Units 1&2 (8/8/8), 4&5 (12/12)	0.50	0.63	751	200	24
March 27, 2007	E2 Units 1&2 (8/8/8), 4&5 (24Max)	0.60	1.06	537	188	19
March 28, 2007	B2 Unit 1 (8/8/8), 3, 4 & 5 (24Max)	0.60	1.45	393	110	38
March 29, 2007	A (Units 3-4-5 @ 12 Min / 12 Max)	0.45	0.62	691	191	N/A
March 30, 2007	B3 Units 1, 3, 4 & 5 (24 Max)	0.60	0.79	719	121	19
March 31, 2007	B Unit 1 (8/8/8) 3, 4 & 5 (12/12)	0.60	1.26	453	150	24

AMBIENT LIMITS (with background removed)		
3 HR SO2	24 HR SO2	24 HR PM10
1061 ug/m^3	314 ug/m^3	105 ug/m^3

Appendix B

Plant Operating Parameters Summary

24 Hour SO_2 Rate Compliance Summary Table B-1

3 Hour SO_2 Rate Compliance Summary Table B-2

24 Hour SO_2 Lb/Day Compliance Summary Table B-3

Table B-1

24 Hour SO2 Rate Compliance Summary

DATE	Unit 1 SO2 24 Hr Avg lb/MMBtu	Unit 2 SO2 24 Hr Avg lb/MMBtu	Unit 3 SO2 24 Hr Avg lb/MMBtu	Unit 4 SO2 24 Hr Avg lb/MMBtu	Unit 5 SO2 24 Hr Avg lb/MMBtu	Daily SO2 Target lb/MMBtu
March 1, 2007	0.56	0.51	0.58	0.51	0.70	0.24
March 2, 2007	0.40	0.40	0.62	0.50	0.76	0.24
March 3, 2007	0.34	0.33	0.36	0.33	0.43	0.24
March 4, 2007	0.51	0.52	0.57	0.55	0.58	0.60
March 5, 2007	0.34	0.38	0.41	0.39	0.44	0.24
March 6, 2007	0.41	0.41	0.35	0.45	0.66	0.24
March 7, 2007	0.49	0.00	0.00	0.00	0.00	1.20
March 8, 2007	0.46	0.41	0.00	0.00	0.00	0.60
March 9, 2007	0.41	0.42	0.00	0.00	0.00	0.50
March 10, 2007	0.91	0.00	0.00	0.00	0.00	1.20
March 11, 2007	0.95	0.00	0.00	0.00	0.00	1.20
March 12, 2007	0.98	0.00	0.12	0.00	0.00	1.20
March 13, 2007	0.43	0.41	0.41	0.00	0.00	0.50
March 14, 2007	0.46	0.37	0.22	0.00	0.38	0.50
March 15, 2007	0.00	0.00	0.45	0.00	0.46	0.50
March 16, 2007	0.46	0.46	0.00	0.00	0.55	0.60
March 17, 2007	0.45	0.00	0.11	0.00	0.55	0.60
March 18, 2007	0.00	0.00	0.52	0.00	0.54	0.60
March 19, 2007	0.00	0.00	0.57	0.00	0.52	0.60
March 20, 2007	0.42	0.47	0.52	0.00	0.54	0.60
March 21, 2007	0.46	0.50	0.00	0.00	0.55	0.60
March 22, 2007	0.48	0.00	0.00	0.03	0.55	0.60
March 23, 2007	0.55	0.49	0.00	0.37	0.56	0.60
March 24, 2007	0.52	0.47	0.00	0.53	0.55	0.60
March 25, 2007	0.40	0.46	0.00	0.51	0.55	0.60
March 26, 2007	0.43	0.39	0.00	0.46	0.46	0.50
March 27, 2007	0.47	0.50	0.00	0.54	0.57	0.60
March 28, 2007	0.45	0.00	0.39	0.54	0.48	0.60
March 29, 2007	0.40	0.00	0.41	0.42	0.41	0.45
March 30, 2007	0.50	0.00	0.50	0.54	0.55	0.60
March 31, 2007	0.51	0.00	0.55	0.53	0.55	0.60

Table B-2

3-Hour SO2 Rate Compliance Summary

DATE	Unit 1 Maximum 3-Hour SO2 Rate (lb/MMBtu)	Unit 2 Maximum 3-Hour SO2 Rate (lb/MMBtu)	Unit 3 Maximum 3-Hour SO2 Rate (lb/MMBtu)	Unit 4 Maximum 3-Hour SO2 Rate (lb/MMBtu)	Unit 5 Maximum 3-Hour SO2 Rate (lb/MMBtu)	3-Hour SO2 Target (lb/MMBtu)
March 1, 2007	0.92	0.67	0.67	0.58	0.93	0.19
March 2, 2007	0.60	0.59	0.93	0.63	1.01	0.21
March 3, 2007	0.64	0.48	0.40	0.40	0.51	0.34
March 4, 2007	0.52	0.55	0.60	0.56	0.64	0.73
March 5, 2007	0.42	0.49	0.45	0.53	0.75	0.42
March 6, 2007	0.51	0.52	0.38	0.56	1.06	0.31
March 7, 2007	0.81	0.00	0.00	0.00	0.00	1.20
March 8, 2007	0.54	0.59	0.00	0.00	0.00	1.16
March 9, 2007	0.45	0.50	0.00	0.00	0.00	0.75
March 10, 2007	1.03	0.00	0.00	0.00	0.00	1.20
March 11, 2007	1.06	0.00	0.00	0.00	0.00	1.20
March 12, 2007	1.11	0.00	0.12	0.00	0.00	1.20
March 13, 2007	0.52	0.50	0.51	0.00	0.01	1.04
March 14, 2007	0.59	0.46	0.25	0.00	0.46	0.78
March 15, 2007	0.00	0.00	0.53	0.00	0.47	1.01
March 16, 2007	0.65	0.58	0.00	0.00	0.57	1.30
March 17, 2007	0.49	0.00	0.16	0.00	0.56	1.83
March 18, 2007	0.00	0.00	0.68	0.00	0.56	1.84
March 19, 2007	0.00	0.13	0.72	0.00	0.55	0.81
March 20, 2007	0.63	0.60	0.56	0.00	0.56	1.04
March 21, 2007	0.55	0.57	0.00	0.00	0.55	0.82
March 22, 2007	0.56	0.00	0.00	0.03	0.57	1.54
March 23, 2007	0.67	0.56	0.00	0.55	0.56	1.67
March 24, 2007	0.64	0.57	0.00	0.56	0.56	1.11
March 25, 2007	0.48	0.55	0.00	0.53	0.55	1.64
March 26, 2007	0.54	0.55	0.00	0.47	0.49	0.63
March 27, 2007	0.76	0.56	0.00	0.57	0.58	1.06
March 28, 2007	0.52	0.00	0.57	0.55	0.53	1.45
March 29, 2007	0.40	0.00	0.48	0.48	0.47	0.62
March 30, 2007	0.61	0.00	0.54	0.55	0.55	0.79
March 31, 2007	0.62	0.00	0.58	0.55	0.56	1.26

Table B-3
24 Hour SO2 Lb/Day Compliance Summary

DATE	Unit 1 SO2		Unit 2 SO2		Unit 3 SO2		Unit 4 SO2		Unit 5 SO2		Total SO2	
	24 Hr Total	SO2 Target1	24 Hr Total	SO2 Target	24 Hr Total	SO2 Target	24 Hr Total	SO2 Target	24 Hr Total	SO2 Target	24 Hr Total	SO2 Target
	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day
March 1, 2007	11,341	6,408	9,672	6,408	10,338	6,018	9,576	6,018	11,316	6,018	52,243	30,871
March 2, 2007	7,231	6,408	6,923	6,408	9,273	6,018	9,483	6,018	13,426	6,018	46,336	30,871
March 3, 2007	4,210	6,408	4,174	6,408	5,379	6,018	5,237	6,018	7,098	6,018	26,098	30,871
March 4, 2007	5,535	16,021	5,909	16,021	8,923	15,045	9,181	15,045	9,534	15,045	39,082	77,178
March 5, 2007	5,912	6,408	6,448	6,408	7,004	6,018	7,606	6,018	7,887	6,018	34,857	30,871
March 6, 2007	4,363	6,408	4,273	6,408	3,659	6,018	4,972	6,018	9,521	6,018	26,788	30,871
March 7, 2007	4,357	15,391	-	-	-	-	-	-	-	-	4,357	15,391
March 8, 2007	8,293	16,021	3,013	16,021	-	-	-	-	-	-	11,306	32,041
March 9, 2007	4,974	8,900	4,812	8,900	-	-	-	-	-	-	9,786	17,801
March 10, 2007	12,955	15,391	-	-	-	-	-	-	-	-	12,955	15,391
March 11, 2007	11,969	15,391	-	-	-	-	-	-	-	-	11,969	15,391
March 12, 2007	15,289	15,391	6	-	31	-	-	-	-	-	15,326	15,391
March 13, 2007	5,666	8,900	5,447	8,900	5,108	8,673	-	-	-	-	16,221	26,474
March 14, 2007	5,362	8,900	4,728	8,900	218	-	-	-	4,221	8,673	14,529	26,474
March 15, 2007	-	-	-	-	6,844	8,673	-	-	8,109	8,673	14,953	17,346
March 16, 2007	5,719	7,695	5,442	7,695	-	-	-	-	9,037	15,045	20,198	30,436
March 17, 2007	4,893	7,695	-	-	39	-	-	-	10,914	15,045	15,846	22,741
March 18, 2007	-	-	-	-	7,966	15,045	-	-	10,139	15,045	18,105	30,091
March 19, 2007	-	-	19	-	7,711	10,408	-	-	8,073	10,408	15,803	20,816
March 20, 2007	5,196	7,695	5,492	7,695	7,191	15,045	-	-	9,662	15,045	27,541	45,481
March 21, 2007	6,607	7,695	6,241	7,695	-	-	-	-	11,228	15,045	24,076	30,436
March 22, 2007	6,448	7,695	-	-	-	-	7	-	10,888	15,045	17,343	22,741
March 23, 2007	5,641	7,695	5,842	7,695	-	-	2,880	10,408	8,931	10,408	23,294	36,206
March 24, 2007	4,810	7,695	5,448	7,695	-	-	6,124	15,045	7,810	15,045	24,192	45,481
March 25, 2007	1,941	7,695	4,876	7,695	-	-	8,561	15,045	9,401	15,045	24,779	45,481
March 26, 2007	5,311	6,413	4,610	6,413	-	-	7,921	8,673	6,908	8,673	24,750	30,171
March 27, 2007	2,288	7,695	6,138	7,695	-	-	10,248	15,045	10,084	15,045	28,758	45,481
March 28, 2007	5,634	7,695	-	-	3,190	15,045	9,172	15,045	7,850	15,045	25,846	52,831
March 29, 2007	315	-	-	-	4,314	7,806	6,059	7,806	6,575	7,806	17,263	23,417
March 30, 2007	7,382	16,021	-	-	5,416	15,045	10,440	15,045	10,188	15,045	33,426	61,157
March 31, 2007	5,191	7,695	-	-	5,684	10,408	8,385	10,408	8,153	10,408	27,413	38,918

Appendix C

Plant Operating Data for March (on CD)

Appendix D

Follow-Up Modeling Results (on CD)

Follow-up Model Summary Table D-1

3 Hour SO_2 Comparison Figure D-1

24 Hour SO_2 Comparison Figure D-2

Table D-1: Follow-Up Model Summary

Mirant Potomac, Alexandria, Virginia

Maximum SO_2 Impacts Predicted by AERMOD Using Actual Stack Emissions/Parameters Along with Historical Meteorological Observations

Maximum Measured SO_2 Concentrations from Ambient Monitoring Network

Predicted Concentrations above the threshold values are in **bold**

3-hr Threshold Value: 1300 (NAAQS) - 238.4 (Background) = 1061.6 $\mu g/m^3$

24-hr Threshold Value 365 (NAAQS) - 51 (Background) = 314 $\mu g/m^3$

Date	Units Operating	AERMOD Predicted Concentrations with Predicted Met Data		AERMOD Predicted Concentrations with Observed Met Data		Max Impact Location (if follow-up conc is above threshold)			Observed MONITOR DATA	
		3-hr ($\mu g/m^3$)	24-hr ($\mu g/m^3$)	3-hr ($\mu g/m^3$)	24-hr ($\mu g/m^3$)	UTM X (NAD27)	UTM Y (NAD27)	Location	3-hr ($\mu g/m^3$)	24-hr ($\mu g/m^3$)
March 1, 2007	Units 1, 2, 3, 4, 5	**1,208**	363	710.3	172.7				323.1	61.3
March 2, 2007	Units 1, 2, 3, 4, 5	**1,086**	258	**1,993.6**	**549.2**	322787.66	4298786	Roof of Marina Twrs	1,183.4	273.8
March 3, 2007	Units 1, 2, 3, 4, 5	865	276	605.3	255.0				223.6	50.8
March 4, 2007	Units 1, 2, 3, 4, 5	777	306	753.2	**346.5**	322867.38	4298580	Fence, E of Stack 2	242.8	102.7
March 5, 2007	Units 1, 2, 3, 4, 5	545	304	778.8	**330.5**	322871.62	4298565	Fence, E of Stack 2	453.3	134.2
March 6, 2007	Units 1, 2, 3, 4, 5	725	**331**	1,052.3	285.9				721.8	283.9
March 7, 2007	Unit 1 (Table 1 Operation)	0	0	33.5	8.8				31.9	20.2
March 8, 2007	Units 1, 2	493	180	237.7	44.5				42.4	25.7
March 9, 2007	Units 1, 2	634	192	362.8	112.3				84.7	26.9
March 10, 2007	Unit 1 (Table 1 Operation)	0	0	281.8	101.0				88.2	28.6
March 11, 2007	Unit 1 (Table 1 Operation)	N/A	N/A	287.4	137.8				37.6	19.0
March 12, 2007	Unit 1 (Table 1 Operation)	N/A	N/A	110.6	38.5				59.4	20.4
March 13, 2007	Units 1, 2, 3	457	178	985.5	**458.5**	322787.66	4298786	Roof of Marina Twrs	72.5	31.8
March 14, 2007	Units 1, 2, 3, 5	610	186	592.8	147.0				81.2	29.1
March 15, 2007	Units 3, 5	470	199	401.4	133.7				85.2	31.3
March 16, 2007	Units 1, 2, 5	437	181	385.4	112.6				61.1	20.8
March 17, 2007	Units 1, 3, 5	522	155	174.8	91.8				198.2	81.4
March 18, 2007	Units 3, 5	309	204	391.5	116.0				163.7	52.3
March 19, 2007	Units 3, 5	704	209	329.8	159.8				93.5	42.4
March 20, 2007	Units 1, 2, 3, 5	550	154	385.6	91.3				203.1	63.9
March 21, 2007	Units 1, 2, 5	697	129	509.4	124.9				24.9	13.2
March 22, 2007	Units 1, 5	371	103	248.2	84.1				86.0	34.4
March 23, 2007	Units 1, 2, 4, 5	341	104	**1,109.7**	**315.8**	322787.66	4298786	Roof of Marina Twrs	62.9	19.2
March 24, 2007	Units 1, 2, 4, 5	512	86	312.1	96.1				30.6	11.1
March 25, 2007	Units 1, 2, 4, 5	347	59	883.9	150.6				160.2	42.5
March 26, 2007	Units 1, 2, 4, 5	751	200	**1,153.8**	**598.2**	3hr 322770.78 24hr 322787.66	3hr 4298791.50 24hr 4298786	Roof of Marina Twrs	276.4	62.6
March 27, 2007	Units 1, 2, 4, 5	638	187	397.5	144.1				119.2	53.4
March 28, 2007	Units 1, 3, 4, 5	393	110	494.9	216.8				102.6	29.0
March 29, 2007	Units 1, 3, 4, 5	691	191	405.2	159.1				120.5	45.6
March 30, 2007	Units 1, 3, 4, 5	719	121	922.6	**389.1**	322787.66	4298786	Roof of Marina Twrs	124.0	38.9
March 31, 2007	Units 1, 3, 4, 5	453	150	520.5	165.2				34.9	15.2

Figure D-1: March 2007 3 Hr SO2 Comparison

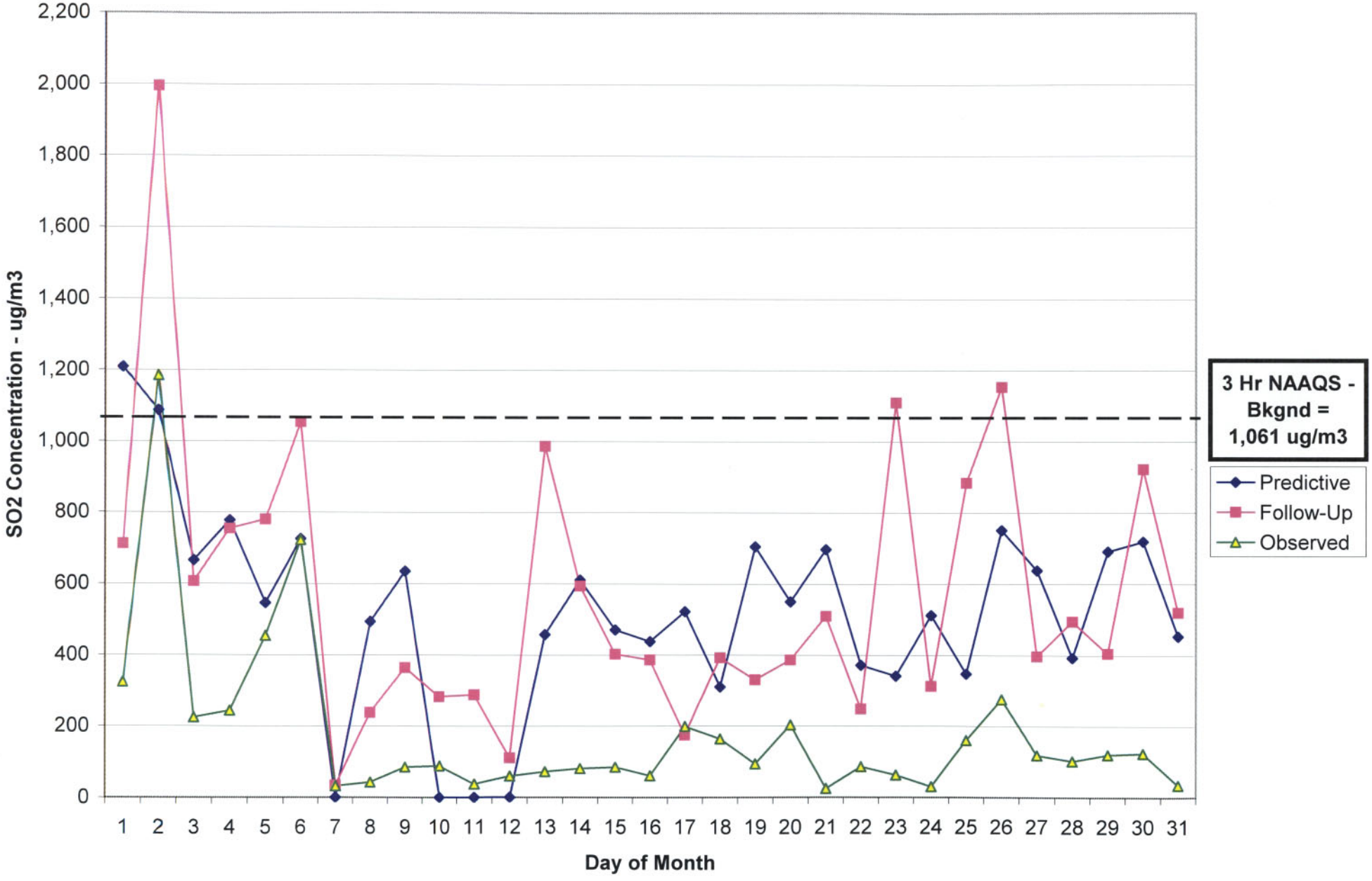
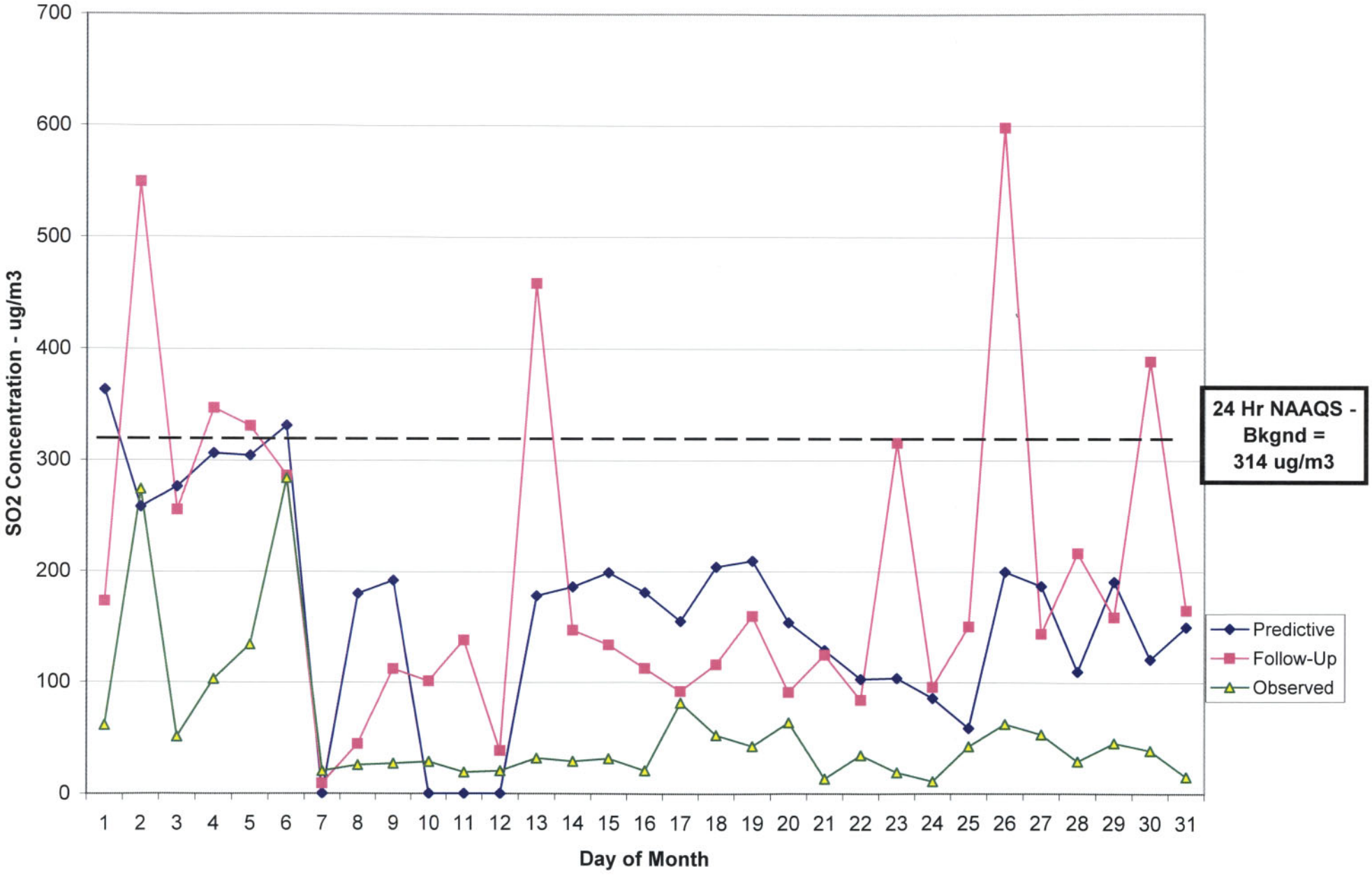


Figure D-2: March 2007 24 Hr SO2 Comparison



Appendix E

Monthly Summary Data Reports (on CD)

Monthly SO_2 and Meteorological Summary Reports

ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:MARINA TOWERS SO2 CNTRL (ug/m3)

DATA FOR MAR 2007
RUN DATE:04/10/07

HR-BEG00 / HR-END01 / DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
1	17	20	17	18	16	12	63	34	25	54	30	46	9	18	20	30	17	13	34	7	3	3	3	964	61
2	1218	1048	887	1026	723	64	25	39	9	----	4	3	3	3	3	3	3	3	3	3	3	3	3	3	221
3	3	3	3	10	5	8	7	4	4	5	3	3	3	3	12	5	3	3	12	7	9	9	7	5	6
4	4	4	5	5	5	7	4	4	5	7	4	8	7	5	4	5	8	10	13	10	9	5	4	5	6
5	5	4	4	4	3	3	5	8	9	8	7	5	7	8	10	10	10	12	9	8	13	9	14	21	8
6	17	14	9	17	12	10	13	14	16	21	22	33	29	20	13	8	7	7	9	13	8	7	10	14	14
7	16	14	12	12	21	22	17	10	9	8	7	13	16	8	7	7	7	5	8	9	20	22	31	20	13
8	18	21	17	14	14	21	18	16	9	8	20	29	14	20	28	38	39	30	29	25	22	18	13	16	21
9	18	16	17	14	14	18	16	9	8	10	17	33	58	77	119	77	35	33	8	14	9	5	14	4	27
10	4	4	4	4	4	16	24	12	17	16	20	16	13	16	97	12	10	9	12	3	4	3	9	8	14
11	7	5	10	20	30	16	9	17	55	38	24	7	5	5	8	12	12	16	16	9	4	4	5	5	14
12	5	7	5	7	5	4	8	12	12	13	16	18	20	38	39	17	31	39	80	72	26	5	5	5	20
13	8	10	13	14	17	18	20	20	18	26	34	60	59	20	76	90	77	50	58	8	9	13	21	24	32
14	22	26	25	22	21	17	13	13	12	13	16	43	13	13	7	7	7	4	7	5	5	7	7	8	14
15	9	9	8	8	8	9	12	12	13	12	12	10	----	----	5	4	9	9	13	12	5	3	4	3	9
16	4	7	8	3	3	3	3	3	3	3	3	3	3	3	8	7	3	3	12	22	16	8	8	7	6
17	5	7	8	8	7	26	30	14	14	9	7	5	7	9	12	12	7	4	5	3	4	9	13	13	10
18	12	10	8	8	7	8	5	5	5	5	4	4	3	3	3	3	4	9	12	12	12	13	13	12	7
19	10	8	7	7	7	8	7	10	21	18	17	12	17	8	10	10	8	9	9	13	12	13	13	10	11
20	12	12	10	12	12	9	12	13	8	7	8	13	17	13	16	17	10	5	5	4	4	29	64	25	14
21	13	8	8	7	7	7	9	8	8	7	5	9	5	17	35	52	13	9	9	9	5	9	21	37	13
22	16	4	4	4	9	17	14	20	20	14	18	16	13	12	9	10	7	7	4	4	4	4	7	13	10
23	10	12	9	9	9	9	8	8	8	22	37	21	7	5	16	8	10	10	8	4	12	20	13	21	12
24	16	5	4	3	3	3	3	3	3	3	3	3	3	3	3	4	9	9	8	10	34	34	31	26	9
25	17	10	7	4	5	7	8	5	12	18	18	8	14	29	16	3	3	4	3	14	464	151	31	169	42
26	88	52	30	9	45	63	68	30	79	----	----	276	219	42	155	118	30	13	8	30	8	4	7	5	63
27	5	5	8	9	9	9	10	12	12	13	13	14	10	9	7	9	8	8	7	5	5	8	7	7	9
28	9	13	13	13	12	12	12	9	7	8	56	12	7	7	14	21	34	20	3	4	16	18	18	10	14
29	13	4	4	4	5	9	16	10	12	8	3	3	3	3	5	17	7	5	7	7	5	4	4	8	7
30	10	12	8	5	5	10	17	16	21	35	52	20	41	97	157	122	178	72	10	12	9	9	9	5	39
31	5	5	5	7	7	7	7	8	7	7	10	10	9	7	7	7	5	5	4	4	5	8	5	7	6
AVG	52	44	38	42	34	15	16	13	15	14	16	24	21	17	30	24	20	14	14	12	25	15	13	48	24
HOURS	31	31	31	31	31	31	31	31	31	29	30	31	30	30	31	31	31	31	31	31	31	31	31	31	739

TOTAL HOURS	= 744	TOTAL AVERAGE	= 24	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 739	HIGHEST HOURLY VALUE	= 1218	ØVALUES EXCEED1300		ØVALUES EXCEED 365
NUMBER OF MISSING HOURS=	5	2nd HIGH HOURLY VALUE	= 1048	HIGHEST AVERAGE1077		HIGHEST AVERAGE 271
DATA CAPTURE (PERCENT) =	99.3	MINIMUM REPORTED VALUE=	3	2nd HIGHEST AVG. 879		2nd HIGHEST AVG. 99
STANDARD DEVIATION =	92					

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:MARINA TOWERS SO2 SOUTH (ug/m3)

DATA FOR MAR 2007
RUN DATE:04/10/07

DAY	HR-BEG 00 / HR-END 01	01 / 02	02 / 03	03 / 04	04 / 05	05 / 06	06 / 07	07 / 08	08 / 09	09 / 10	10 / 11	11 / 12	12 / 13	13 / 14	14 / 15	15 / 16	16 / 17	17 / 18	18 / 19	19 / 20	20 / 21	21 / 22	22 / 23	23 / 24	AVG
1	21	22	21	21	20	16	21	14	21	42	37	43	13	20	24	34	18	13	34	9	5	5	5	770	52
2	1045	1275	1230	1445	1002	187	24	31	12	----	9	5	3	3	3	3	3	3	3	3	3	3	3	4	274
3	4	4	5	12	9	10	8	8	8	9	5	5	4	3	14	7	5	5	14	8	12	12	8	7	8
4	7	7	8	8	8	9	7	7	8	9	7	10	9	8	7	8	10	13	13	12	9	7	7	8	8
5	8	7	7	7	7	7	9	12	13	10	9	9	9	9	10	13	13	13	10	9	14	10	14	21	10
6	17	14	9	18	14	12	14	16	18	24	24	34	30	20	14	9	8	7	10	16	10	9	13	18	16
7	20	18	16	16	25	26	21	12	10	9	9	16	18	10	9	8	8	8	9	10	20	22	31	21	16
8	20	22	18	16	16	22	21	20	10	8	21	33	16	24	31	42	42	34	30	28	22	18	16	18	23
9	20	17	17	16	16	22	17	10	8	12	16	35	50	60	88	60	35	26	8	14	9	5	8	5	24
10	4	4	4	4	4	5	10	10	16	14	20	14	24	26	85	9	9	22	24	7	28	5	9	8	15
11	7	5	9	16	28	14	10	17	55	39	22	8	7	7	8	12	13	17	16	9	5	7	7	5	14
12	7	7	8	9	7	7	9	13	16	14	17	21	17	26	48	17	30	38	83	48	21	8	8	8	20
13	10	10	13	16	17	20	21	21	21	30	35	79	58	26	62	73	55	38	52	12	10	14	21	25	31
14	22	26	24	22	21	17	14	16	13	18	18	45	14	26	7	7	7	5	7	7	7	8	8	8	15
15	9	10	8	8	8	9	10	12	14	13	14	12	----	----	7	5	9	8	9	9	7	3	4	4	9
16	4	5	7	4	3	3	3	3	3	3	3	3	3	3	5	5	4	3	9	18	14	9	8	8	5
17	7	7	7	8	7	22	29	17	17	12	9	8	8	10	14	13	7	7	7	4	5	10	16	14	11
18	14	12	10	9	9	8	8	7	7	5	5	5	4	4	4	4	5	12	13	13	16	16	16	14	9
19	13	10	9	9	9	10	9	14	26	34	24	29	30	18	13	16	8	22	10	14	13	16	14	12	16
20	12	12	13	14	13	10	13	13	10	8	9	16	17	12	16	17	10	7	5	4	4	28	58	24	14
21	12	7	7	5	7	7	9	9	8	5	7	8	7	10	18	18	9	9	8	7	5	12	24	26	10
22	13	4	4	5	8	17	13	16	17	13	16	14	14	10	8	16	4	5	5	5	4	4	5	10	10
23	9	9	8	8	8	7	7	7	8	14	48	24	7	5	14	5	8	9	7	4	9	13	9	12	11
24	12	5	4	3	3	3	3	3	3	3	3	4	3	3	3	4	8	8	7	8	25	25	25	20	8
25	14	8	5	4	4	4	5	5	10	14	14	8	10	21	13	4	4	4	4	4	94	31	20	97	17
26	33	20	8	7	28	41	43	24	51	----	----	136	145	26	85	50	21	13	5	9	9	4	5	5	35
27	4	4	5	7	7	7	7	8	8	10	9	9	7	5	5	5	5	4	4	3	3	4	4	4	6
28	5	7	7	7	7	7	7	5	4	4	30	7	4	4	8	10	18	12	3	3	8	10	10	7	8
29	8	3	3	3	3	5	9	7	8	5	3	3	3	3	4	10	5	4	4	4	4	4	4	5	5
30	5	7	5	4	4	5	9	9	13	18	24	12	22	28	58	47	64	33	8	8	7	5	7	5	17
31	4	4	4	4	5	5	5	5	5	5	7	7	5	5	5	5	4	4	4	4	4	4	4	4	5
AVG	45	51	48	56	43	18	13	12	14	14	16	21	19	14	22	17	15	13	14	10	13	11	13	39	23
HOURS	31	31	31	31	31	31	31	31	31	29	30	31	30	30	31	31	31	31	31	31	31	31	31	31	739

TOTAL HOURS	= 744	TOTAL AVERAGE	= 23	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 739	HIGHEST HOURLY VALUE	= 1445	1VALUES EXCEED1300		0VALUES EXCEED 365
NUMBER OF MISSING HOURS	= 5	2nd HIGH HOURLY VALUE	= 1275	HIGHEST AVERAGE1317		HIGHEST AVERAGE 317
DATA CAPTURE (PERCENT)	= 99.3	MINIMUM REPORTED VALUE	= 3	2nd HIGHEST AVG. 607		2nd HIGHEST AVG. 45
STANDARD DEVIATION	= 103					

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST SO2 SO2 (ug/m3)

DATA FOR MAR 2007
RUN DATE:04/09/07

HOURS(est)

DAY	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	AVG
1	18	20	18	18	17	13	10	12	13	28	26	35	8	14	17	28	10	8	30	8	4	3	4	4	15
2	3	3	3	3	3	3	3	3	17	122	262	143	54	88	----	3	3	3	3	3	3	3	3	3	32
3	3	3	7	7	4	4	5	5	4	3	3	3	3	4	111	37	9	5	12	126	224	301	157	52	45
4	38	10	134	217	67	92	5	5	14	72	118	210	200	141	119	240	187	286	60	22	24	48	4	5	97
5	5	4	4	5	4	4	7	9	9	8	7	8	73	114	303	443	438	479	261	242	190	123	258	223	134
6	295	254	238	460	343	308	559	536	820	937	724	504	176	168	233	73	71	38	17	14	8	8	12	17	284
7	17	16	13	14	22	22	16	13	10	8	8	14	16	10	8	7	8	8	9	10	22	28	34	21	15
8	20	21	17	16	18	20	17	16	8	5	20	29	16	22	35	41	41	31	29	25	22	16	13	13	21
9	17	13	13	12	21	12	8	5	5	8	13	25	12	16	29	25	17	7	5	10	7	3	3	3	12
10	3	3	3	3	3	3	3	10	16	22	26	18	14	12	9	7	5	4	4	3	3	3	8	7	8
11	5	4	7	14	26	14	14	26	54	37	45	16	34	30	48	14	12	17	16	7	4	5	4	4	19
12	4	5	7	7	5	4	7	8	8	----	10	16	12	9	12	----	10	22	68	28	8	5	5	5	12
13	7	9	10	12	16	17	20	18	16	21	21	24	17	13	9	8	8	10	28	8	9	13	16	21	15
14	20	25	22	18	16	13	13	13	12	10	17	13	12	8	4	5	4	3	4	4	5	7	5	7	11
15	7	8	7	7	5	5	8	10	12	9	10	9	9	8	10	20	13	8	10	10	5	3	3	3	8
16	3	5	7	3	3	3	3	3	3	3	3	3	3	3	5	5	3	3	31	41	72	38	46	100	16
17	81	50	42	43	42	80	105	71	147	225	208	161	164	138	54	97	54	64	47	35	8	10	14	14	81
18	12	10	8	8	8	8	5	7	69	51	169	127	196	176	119	64	47	69	34	12	13	14	14	13	52
19	10	9	8	8	8	8	8	7	5	13	9	9	8	7	9	5	5	5	8	12	9	13	12	9	9
20	10	10	12	13	12	13	13	21	26	195	301	98	170	274	165	42	34	5	3	3	3	29	58	22	64
21	10	5	5	4	5	5	8	8	7	4	5	5	4	9	13	8	7	5	4	4	4	3	3	3	6
22	3	3	3	3	7	13	12	17	20	16	17	14	12	8	4	4	3	3	4	4	4	4	5	10	8
23	9	10	8	8	8	7	8	8	8	8	8	7	5	4	3	4	8	8	8	4	9	16	9	14	8
24	12	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	9	8	7	7	20	25	25	17	7
25	16	9	7	4	4	3	7	7	13	18	18	8	16	26	14	3	3	3	3	3	4	3	3	3	8
26	3	3	3	1	29	50	58	26	5	7	8	14	13	14	14	9	5	3	3	3	3	4	5	4	12
27	4	4	5	7	7	7	8	9	8	8	110	240	75	13	143	132	176	48	203	34	10	17	8	7	53
28	5	8	8	8	7	8	9	5	5	4	51	8	4	4	10	16	28	17	3	3	12	16	16	8	11
29	9	3	3	3	4	7	13	9	9	5	3	3	3	3	5	21	31	14	4	7	3	3	3	7	7
30	9	10	9	5	4	7	14	12	21	24	13	----	9	12	17	17	13	10	10	10	9	5	7	4	11
31	4	4	5	5	7	7	7	8	8	8	10	10	8	7	5	5	5	5	4	4	5	7	5	7	6
AVG	21	18	20	30	23	24	31	29	44	63	72	59	43	44	51	46	41	39	30	23	23	25	25	20	35
HOURS	31	31	31	31	31	31	31	31	31	30	31	30	31	31	30	30	31	31	31	31	31	31	31	31	740

TOTAL HOURS	= 744	TOTAL AVERAGE	= 35	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 740	HIGHEST HOURLY VALUE	= 937	0VALUES EXCEED1300		5VALUES EXCEED 365
NUMBER OF MISSING HOURS=	4	2nd HIGH HOURLY VALUE	= 820	HIGHEST AVERAGE 827		HIGHEST AVERAGE 387
DATA CAPTURE (PERCENT) =	99.5	MINIMUM REPORTED VALUE=	1	2nd HIGHEST AVG. 468		2nd HIGHEST AVG. 128
STANDARD DEVIATION =	86					

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:NORTHEAST SO2 SO2 (ug/m3)

DATA FOR MAR 2007
RUN DATE:04/09/07

DAY	HR-BEG 00 / HR-END 01	01 / 02	02 / 03	03 / 04	04 / 05	05 / 06	06 / 07	07 / 08	08 / 09	09 / 10	10 / 11	11 / 12	12 / 13	13 / 14	14 / 15	15 / 16	16 / 17	17 / 18	18 / 19	19 / 20	20 / 21	21 / 22	22 / 23	23 / 24	AVG
HOURS(est)																								
1	16	14	12	12	10	9	8	9	13	22	22	30	13	16	20	28	14	12	17	8	5	5	5	7	14
2	7	7	7	7	7	7	7	7	8	8	96	238	283	160	362	439	368	101	46	39	50	20	9	8	95
3	8	7	9	10	9	7	8	9	9	8	31	269	317	317	37	10	9	9	16	12	13	14	45	37	51
4	66	14	16	76	93	29	30	59	117	155	169	118	219	220	290	121	122	164	102	97	109	55	17	10	103
5	9	8	8	7	7	7	8	10	12	12	64	41	121	75	76	48	138	59	47	30	12	9	16	21	35
6	18	16	12	20	17	14	20	20	21	25	26	35	41	26	24	10	9	7	10	17	10	9	16	18	18
7	18	17	16	16	24	24	18	8	4	4	4	7	8	7	5	5	5	4	5	5	8	9	13	12	10
8	10	10	10	9	9	10	13	16	9	8	18	28	14	21	28	38	41	33	30	26	21	17	13	16	19
9	17	16	14	13	18	17	12	9	8	10	14	24	14	17	28	25	18	10	9	12	9	7	7	7	14
10	5	5	5	5	5	5	5	5	7	9	13	16	13	13	14	24	17	10	10	9	9	10	12	9	10
11	7	7	8	9	12	10	9	16	46	35	22	12	9	9	10	13	16	18	17	12	8	9	9	9	14
12	8	9	9	9	8	7	8	8	9	13	----	18	16	13	14	12	14	21	59	29	12	10	9	9	14
13	9	10	10	10	12	13	14	17	16	21	22	24	21	17	14	14	13	16	29	14	16	18	20	22	16
14	22	25	22	18	17	14	13	14	17	20	22	20	18	18	97	92	94	58	21	14	16	16	14	14	29
15	14	13	14	13	12	10	9	13	14	16	16	17	17	16	13	12	10	9	9	8	8	8	7	7	12
16	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	12	12	10	10	9	8
17	9	9	8	9	9	14	21	20	20	22	22	33	20	26	48	33	28	25	14	20	20	28	21	34	21
18	29	18	22	18	17	13	16	18	30	37	29	55	59	47	88	81	88	63	56	20	17	17	18	16	36
19	13	12	10	10	9	10	9	9	10	14	13	14	13	13	16	12	10	10	12	16	16	18	17	18	13
20	31	28	17	17	17	16	16	17	16	14	22	21	24	20	22	21	16	10	9	8	8	24	58	29	20
21	16	10	10	9	9	9	12	12	10	9	9	9	9	13	17	12	10	10	9	9	8	8	8	8	10
22	7	7	7	7	8	9	10	13	17	17	22	22	21	17	20	14	20	14	17	14	13	13	12	13	14
23	13	14	13	12	10	10	10	10	13	16	14	13	12	25	13	12	13	12	12	10	10	12	10	12	13
24	12	10	9	9	9	9	8	8	8	8	9	9	8	9	9	9	9	9	9	9	9	10	10	10	9
25	10	10	9	9	9	9	9	9	13	18	20	14	17	25	18	10	10	9	9	8	8	8	8	8	12
26	8	8	7	8	8	8	9	9	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9
27	9	9	9	9	9	9	9	9	10	10	21	13	16	42	51	24	34	30	28	12	10	13	10	10	17
28	10	10	10	10	10	10	10	10	10	10	21	12	10	10	12	13	16	14	10	9	13	17	16	13	12
29	13	9	8	8	9	10	14	12	12	10	8	8	8	8	8	17	10	9	9	8	8	8	8	10	10
30	12	13	12	9	8	9	13	12	18	21	16	----	13	14	18	18	16	13	13	13	12	10	9	9	13
31	8	8	8	8	8	8	8	8	8	9	10	10	10	10	10	10	10	9	9	9	9	8	8	8	9
AVG	14	12	11	13	13	11	12	13	17	19	26	38	44	40	45	38	39	25	21	17	16	14	14	14	22
HOURS	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	742

TOTAL HOURS	= 744	TOTAL AVERAGE	= 22	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 742	HIGHEST HOURLY VALUE	= 439	0VALUES EXCEED1300		0VALUES EXCEED 365
NUMBER OF MISSING HOURS	= 2	2nd HIGH HOURLY VALUE	= 368	HIGHEST AVERAGE 390		HIGHEST AVERAGE 105
DATA CAPTURE (PERCENT)	= 99.7	MINIMUM REPORTED VALUE	= 4	2nd HIGHEST AVG. 301		2nd HIGHEST AVG. 102
STANDARD DEVIATION	= 41					

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

DATA FOR MAR 2007
RUN DATE:04/09/07

LOCATION:NORTH-DAINGERFIELD SO2 (ug/m3)

HR-BEG00 HR-END01 DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
1	16	18	18	16	16	12	12	14	17	31	30	39	12	16	21	26	20	16	30	8	5	5	4	4	17
2	4	8	13	7	50	59	16	7	7	8	7	----	4	3	3	3	3	3	3	3	3	3	4	3	9
3	5	4	5	8	7	8	8	9	8	7	5	5	4	4	14	8	7	7	13	9	10	12	8	7	8
4	7	7	8	8	8	9	7	7	9	9	8	10	10	8	8	8	10	13	13	12	9	8	7	7	9
5	8	7	7	7	7	7	9	12	13	12	10	9	9	10	12	13	14	13	10	10	14	12	13	18	11
6	16	13	9	13	13	12	14	16	17	22	21	34	31	21	16	9	8	7	12	16	12	9	16	18	16
7	17	18	16	16	22	22	18	14	17	13	12	17	18	13	10	10	10	9	10	12	21	24	29	20	16
8	13	16	14	14	14	14	16	16	13	9	20	31	16	24	30	42	39	33	29	28	22	18	16	17	21
9	20	18	16	13	13	12	10	12	10	12	14	31	14	22	29	26	20	9	7	17	9	7	5	5	15
10	4	4	4	4	4	4	8	30	52	31	41	81	106	141	17	16	50	25	16	14	9	7	10	8	29
11	5	4	5	10	25	14	10	16	42	31	21	8	7	7	9	13	13	17	16	8	5	8	7	5	13
12	7	5	7	7	9	9	13	16	12	14	14	----	16	13	18	10	10	16	59	29	16	7	7	8	14
13	8	10	12	13	16	16	20	21	18	24	22	25	20	14	10	10	9	10	25	17	22	14	16	21	16
14	20	21	18	16	12	12	13	12	12	13	21	17	38	38	8	8	8	7	8	7	8	8	7	17	14
15	16	16	9	8	7	7	7	12	14	14	12	12	12	10	9	7	10	9	13	12	7	5	5	5	10
16	5	7	8	4	4	4	5	5	4	3	3	3	3	5	9	8	5	4	10	18	14	8	8	7	6
17	7	7	8	8	7	21	28	17	16	12	9	8	8	10	14	13	8	7	8	5	7	10	14	14	11
18	13	12	10	9	9	8	8	8	7	7	7	5	5	5	5	4	7	12	13	13	14	13	14	13	9
19	12	10	9	10	12	12	14	17	10	64	55	66	122	66	58	93	35	152	66	59	25	21	17	13	42
20	13	13	14	14	13	10	13	14	12	9	12	17	20	14	18	17	12	8	7	5	5	25	54	25	15
21	12	8	8	7	7	8	10	9	8	7	8	8	8	9	13	12	8	8	7	7	5	5	5	4	8
22	4	4	9	12	18	51	28	54	47	55	58	73	140	54	64	84	13	7	7	8	7	9	8	13	34
23	10	9	9	8	8	8	8	9	9	9	9	9	9	8	5	7	8	10	9	5	10	16	10	14	9
24	10	7	4	4	3	3	3	3	3	4	4	5	4	4	4	5	9	10	7	7	9	14	14	12	6
25	10	8	7	5	4	4	5	5	16	21	21	10	17	28	17	7	5	5	5	5	7	4	5	4	9
26	3	3	3	3	30	47	60	33	9	9	9	16	16	28	16	10	13	16	7	7	8	16	13	9	16
27	5	5	7	7	7	8	9	10	9	10	14	14	9	8	8	8	8	7	5	4	5	7	7	5	8
28	5	8	9	9	9	9	10	8	8	9	54	10	7	7	14	20	33	18	4	3	14	16	13	9	13
29	10	5	5	4	5	9	16	10	12	9	5	4	4	5	7	18	8	7	8	7	8	8	7	9	8
30	9	10	9	8	7	8	12	16	20	29	16	14	----	13	18	18	14	10	12	13	10	8	9	8	13
31	7	7	7	7	8	8	9	10	10	10	13	13	10	9	8	8	8	7	7	5	5	7	7	7	8
AVG	10	9	9	9	12	14	14	14	15	17	18	21	23	20	16	17	14	15	14	12	11	11	12	11	14
HOURS	31	31	31	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	741

TOTAL HOURS	= 744	TOTAL AVERAGE	= 14	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 741	HIGHEST HOURLY VALUE	= 152	0VALUES EXCEED1300		0VALUES EXCEED 365
NUMBER OF MISSING HOURS=	3	2nd HIGH HOURLY VALUE	= 141	HIGHEST AVERAGE 110		HIGHEST AVERAGE 43
DATA CAPTURE (PERCENT) =	99.6	MINIMUM REPORTED VALUE=	3	2nd HIGHEST AVG. 93		2nd HIGHEST AVG. 35
STANDARD DEVIATION =	15					

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

DATA FOR MAR 2007
RUN DATE:04/09/07

LOCATION:SOUTHWEST HOLIDAY IN SO2 (ug/m3)

HOURS(est)

HR-BEG HR-END DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
1	24	24	22	24	20	17	20	21	21	35	29	41	16	21	20	31	12	12	33	8	7	8	8	8	20
2	7	7	5	4	4	5	4	4	5	7	5	4	----	4	4	12	47	52	24	63	109	105	110	28	27
3	89	5	47	9	7	7	66	62	24	21	5	5	4	24	38	7	7	8	14	9	12	12	9	7	21
4	7	8	8	8	9	9	8	8	9	9	8	10	10	7	7	9	13	14	14	12	10	8	7	9	9
5	8	7	8	8	7	8	10	13	13	12	9	9	10	10	12	14	14	13	9	14	13	13	16	21	11
6	21	14	14	22	16	14	17	18	22	25	29	38	29	20	14	10	9	9	16	21	13	12	18	22	19
7	21	20	17	21	29	29	25	16	18	14	16	21	18	14	12	12	13	13	13	18	29	37	34	25	20
8	21	20	17	17	18	24	22	22	12	12	35	28	21	30	35	47	43	37	34	31	26	22	20	21	26
9	21	20	20	20	17	16	14	16	14	16	25	26	17	26	37	33	18	12	10	13	9	8	8	7	18
10	7	7	7	7	7	8	9	14	18	18	21	14	13	12	13	12	10	8	7	7	7	8	18	9	11
11	8	8	13	26	22	14	13	37	62	35	18	9	8	9	10	17	16	21	18	9	8	8	8	9	17
12	9	9	10	10	10	12	10	16	----	17	20	24	14	16	16	14	17	46	71	22	10	9	9	10	18
13	12	14	17	20	21	25	25	24	25	29	26	29	21	18	14	14	13	20	25	13	16	18	24	25	20
14	28	30	26	24	21	18	16	18	16	16	20	16	16	10	9	9	9	8	8	8	9	10	9	10	15
15	12	10	10	9	9	12	13	16	16	16	----	14	13	14	18	9	16	46	107	76	72	111	84	16	31
16	13	14	12	5	5	5	8	5	5	4	4	9	31	54	96	71	51	8	28	24	17	12	9	10	21
17	8	10	10	10	18	34	33	17	18	12	10	9	10	14	17	13	9	9	8	7	9	17	18	18	14
18	16	14	13	12	12	12	10	10	9	9	8	8	7	7	7	7	12	16	17	18	20	20	18	16	12
19	14	14	14	13	13	14	10	14	13	18	13	14	12	13	14	10	10	12	14	17	16	18	18	16	14
20	16	16	18	18	17	16	20	18	13	10	14	25	21	17	24	20	58	26	33	31	9	51	59	25	24
21	13	10	9	9	10	12	14	16	10	10	10	10	12	18	16	12	10	9	8	8	8	7	7	7	11
22	7	7	7	8	16	18	18	24	21	18	20	16	13	10	8	8	7	7	8	7	7	8	12	13	12
23	14	14	12	12	10	10	10	12	12	12	10	10	9	7	8	16	113	60	13	9	20	22	18	25	19
24	14	8	5	5	4	4	4	5	5	5	7	7	5	5	4	9	14	10	10	22	34	31	25	21	11
25	16	9	7	5	7	7	7	13	22	24	24	10	29	28	14	5	7	7	5	7	7	4	4	4	11
26	3	3	3	14	50	76	54	16	7	9	13	----	18	18	17	12	7	7	7	5	5	7	9	7	16
27	8	8	9	10	10	12	12	13	12	13	16	16	12	8	9	10	9	8	7	5	8	9	7	9	10
28	10	13	12	13	13	13	14	9	9	13	59	14	9	14	26	28	41	18	4	5	50	115	105	88	29
29	59	24	72	68	113	109	176	138	48	38	14	14	17	13	13	30	9	37	52	12	9	8	9	13	46
30	12	14	12	9	10	16	21	16	43	25	18	16	17	21	26	24	20	17	17	16	13	12	12	12	17
31	9	9	9	10	10	13	45	25	35	26	18	16	13	12	12	12	10	10	9	10	12	12	10	16	15
AVG	17	13	15	15	17	19	23	21	19	17	18	16	15	16	18	17	21	19	21	17	19	24	23	17	18
HOURS	31	31	31	31	31	31	31	31	30	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	740

TOTAL HOURS	= 744	TOTAL AVERAGE	= 18	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 740	HIGHEST HOURLY VALUE	= 176	0VALUES EXCEED1300		0VALUES EXCEED 365
NUMBER OF MISSING HOURS	= 4	2nd HIGH HOURLY VALUE	= 138	HIGHEST AVERAGE 141		HIGHEST AVERAGE 59
DATA CAPTURE (PERCENT)	= 99.5	MINIMUM REPORTED VALUE	= 3	2nd HIGHEST AVG. 108		2nd HIGHEST AVG. 40
STANDARD DEVIATION	= 18					

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE WSs (MPH)

DATA FOR MAR 2007
RUN DATE:04/09/07

DAY	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	AVG
1	6.1	5.1	4.2	4.4	5.0	5.2	5.5	7.1	10.3	9.6	6.1	5.7	9.1	10.0	8.5	12.1	13.9	10.5	7.6	6.2	7.6	5.5	3.4	7.4	7.3
2	13.0	15.0	16.4	17.3	14.3	9.5	6.5	5.2	7.5	10.8	16.0	16.7	16.6	15.0	13.4	13.5	11.8	9.4	8.4	7.2	7.2	5.0	4.6	4.2	11.0
3	4.1	4.8	4.3	4.8	3.7	3.0	3.0	3.9	5.1	6.1	6.6	13.5	16.4	16.9	12.8	9.1	9.4	6.6	7.0	11.8	13.9	13.7	12.1	12.5	8.5
4	11.7	8.3	12.1	13.2	14.9	9.0	7.2	10.5	13.1	15.3	17.4	17.1	17.9	18.3	18.6	18.6	17.6	12.1	8.6	7.2	11.5	11.4	5.5	4.6	12.5
5	3.7	4.3	3.7	4.8	5.6	6.2	6.6	8.9	8.4	7.1	7.7	9.9	13.7	15.8	18.0	18.9	20.9	19.1	14.9	14.5	14.1	12.2	16.2	15.1	11.2
6	15.8	15.6	16.6	18.3	18.9	16.7	18.0	17.9	19.5	17.0	16.2	14.8	13.5	12.0	14.0	11.8	12.8	7.8	9.8	11.0	9.2	7.0	6.5	7.4	13.7
7	7.1	7.0	8.3	6.8	6.1	8.0	8.0	10.4	8.8	7.5	6.7	7.3	6.8	5.2	5.9	7.9	6.6	6.7	7.2	9.8	9.3	9.2	9.5	6.4	7.6
8	3.8	2.6	2.8	3.1	3.3	3.1	4.7	5.1	8.4	8.4	6.8	9.1	8.6	9.4	10.3	9.2	11.8	8.9	10.0	10.7	7.5	5.4	4.1	3.5	6.7
9	3.4	2.6	4.9	8.8	7.8	5.2	4.7	7.0	9.6	8.0	6.3	7.9	8.0	9.1	8.9	7.2	7.5	9.4	14.8	9.4	8.5	9.4	6.7	6.0	7.5
10	5.9	5.4	4.8	4.2	3.7	3.8	4.6	5.5	6.8	7.1	6.4	9.9	10.5	9.3	9.0	9.1	7.4	6.0	6.5	5.9	5.7	6.2	6.1	5.5	6.4
11	4.1	3.5	7.7	6.5	8.1	6.2	7.2	7.7	10.2	10.5	10.1	10.9	12.1	12.1	10.6	11.1	11.4	11.5	9.2	9.2	9.8	8.5	8.3	8.0	8.9
12	7.0	4.5	2.8	2.8	2.1	2.9	2.9	3.5	4.3	6.2	7.0	8.3	8.3	6.6	6.1	----	6.7	6.6	6.7	7.1	6.0	5.5	4.9	4.5	5.3
13	4.9	4.3	4.0	4.3	3.8	3.0	4.5	5.2	6.1	6.2	6.9	7.9	7.7	7.5	8.4	9.5	9.3	8.0	6.9	6.2	6.2	4.5	5.8	5.2	6.1
14	6.1	6.8	6.2	5.3	5.2	4.9	5.3	4.8	6.0	7.3	6.5	7.4	9.1	9.7	12.9	11.5	3.5	1.4	3.7	1.0	1.2	3.9	6.3	5.0	5.8
15	5.1	5.4	5.3	3.5	3.0	4.4	5.3	5.3	5.0	5.2	5.3	5.6	5.5	8.3	19.1	17.8	17.8	15.6	17.3	16.6	17.5	18.4	18.8	15.2	10.2
16	14.0	13.1	11.7	13.2	11.9	12.3	12.4	13.3	13.8	15.7	16.3	15.0	17.6	16.9	17.6	15.1	16.7	13.6	13.9	14.0	11.1	12.5	11.2	11.7	13.9
17	11.3	9.7	8.3	8.6	9.6	10.3	10.7	12.0	14.3	16.8	17.5	17.6	15.7	16.6	14.6	12.9	13.4	11.8	11.5	11.0	10.1	12.2	10.0	9.4	12.3
18	5.8	7.0	8.8	8.0	8.8	6.8	5.9	9.4	14.4	15.8	15.9	16.6	16.6	17.1	17.3	15.4	14.7	15.0	11.8	6.8	5.0	5.5	3.3	4.7	10.7
19	5.5	4.0	3.4	3.6	3.9	3.3	4.5	6.3	7.9	8.5	10.0	11.0	11.4	12.3	11.8	11.6	11.0	10.4	10.1	9.1	10.0	10.9	10.3	10.0	8.3
20	9.4	7.4	6.9	7.1	5.7	4.5	3.4	4.7	6.2	11.7	12.7	11.9	12.8	11.3	12.4	12.4	14.3	13.8	12.6	13.5	12.6	15.0	12.4	9.8	10.2
21	9.0	8.6	11.2	11.1	9.9	11.4	10.8	11.2	11.0	8.5	8.0	6.7	7.7	7.9	9.4	9.3	8.5	9.3	6.7	7.2	6.9	6.9	6.6	9.2	8.8
22	7.2	5.8	5.1	6.0	5.8	6.7	7.2	7.1	8.2	9.4	10.2	12.0	12.5	12.9	12.9	12.5	11.4	8.3	7.7	5.6	4.3	6.0	4.9	5.2	8.1
23	5.9	6.2	5.4	5.8	4.6	4.3	4.6	4.0	6.0	6.1	8.9	7.7	5.2	6.7	4.7	6.8	15.9	16.1	10.8	8.9	7.2	8.4	7.0	7.1	7.2
24	6.6	8.3	8.5	8.0	7.6	7.7	8.6	8.8	9.7	10.2	9.4	6.2	7.0	6.9	4.6	4.6	3.5	3.5	3.2	3.1	3.5	3.4	3.0	3.2	6.2
25	4.8	4.4	6.7	4.3	3.2	6.2	6.0	7.4	11.4	11.8	8.9	8.6	8.6	8.1	9.3	9.1	9.4	11.4	15.0	11.4	14.5	13.0	9.1	10.1	8.8
26	10.1	9.3	8.9	6.5	5.4	6.6	7.1	6.9	9.4	8.6	9.1	9.0	10.0	8.9	8.5	7.7	7.1	6.4	5.7	6.3	6.4	4.5	7.9	6.2	7.6
27	4.9	5.1	4.4	4.2	2.9	4.1	1.5	1.1	0.8	1.9	7.8	11.8	12.5	12.2	12.6	12.6	11.7	8.6	11.8	8.1	7.9	7.1	5.7	5.8	6.9
28	4.2	4.0	3.9	4.0	5.8	6.1	8.4	12.2	13.0	11.9	10.3	10.0	10.3	12.2	11.9	12.9	10.7	11.1	12.9	13.5	13.1	13.7	13.9	15.9	10.2
29	15.9	18.2	17.3	15.9	16.3	17.4	19.0	17.4	14.7	11.5	10.2	10.5	9.9	8.8	9.0	10.0	10.2	11.9	14.8	8.8	6.1	5.2	4.6	7.3	12.1
30	6.4	6.3	4.8	4.5	3.5	4.7	4.1	4.8	4.1	5.9	9.4	8.8	10.1	11.1	10.4	10.0	9.0	6.8	4.4	4.8	4.2	4.9	5.3	4.5	6.3
31	4.3	4.0	3.8	3.1	3.4	4.8	6.8	6.3	9.0	11.6	11.7	11.5	11.9	10.4	10.6	10.9	10.6	9.8	10.1	11.1	10.8	11.6	11.1	11.1	8.7
AVG	7.3	7.0	7.2	7.1	6.9	6.7	6.9	7.7	9.1	9.6	9.9	10.5	11.1	11.1	11.4	11.3	11.1	9.9	9.7	8.9	8.6	8.6	7.9	7.8	8.9
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	743

TOTAL HOURS	= 744	TOTAL AVERAGE	= 8.9
NUMBER OF GOOD HOURS	= 743	HIGHEST HOURLY VALUE	= 20.9
NUMBER OF MISSING HOURS	= 1	2nd HIGH HOURLY VALUE	= 19.5
DATA CAPTURE (PERCENT)	= 99.9	MINIMUM REPORTED VALUE	= 0.8
STANDARD DEVIATION	= 4.1		

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

DATA FOR MAR 2007
RUN DATE:04/10/07

LOCATION:SOUTHEAST FENCELINE WDRs (DEG)

HOURS(EST)

HR-BEG00 HR-END01 DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
1	94	123	110	133	111	117	147	141	144	152	165	160	143	145	142	129	143	140	132	69	71	60	86	175	126
2	171	176	171	172	175	180	188	209	252	296	291	284	279	280	269	259	247	238	243	250	259	223	203	189	229
3	186	184	180	189	175	193	336	172	163	159	225	264	259	256	308	305	319	321	314	308	308	301	292	285	250
4	282	279	291	288	284	282	262	272	275	282	282	286	286	284	280	289	286	286	276	265	276	282	259	232	278
5	218	233	212	211	224	235	223	226	223	223	255	265	278	278	240	243	253	250	270	288	301	305	311	306	253
6	308	310	311	308	308	312	311	312	305	308	304	301	289	298	299	302	303	309	319	339	5	3	45	65	261
7	87	127	140	166	121	108	108	123	119	129	121	91	84	53	39	38	40	43	50	45	48	49	45	51	84
8	17	266	230	242	276	299	327	288	303	302	291	289	303	309	315	312	328	326	2	45	47	42	121	211	229
9	229	128	28	66	82	91	101	120	118	131	148	159	159	165	162	164	161	154	143	138	142	146	162	158	136
10	161	146	142	150	155	153	173	178	183	197	187	199	194	185	187	206	198	181	179	184	180	209	295	354	191
11	9	303	311	320	312	302	304	305	309	315	304	296	298	308	303	312	318	316	318	329	327	310	330	332	300
12	338	21	299	238	169	164	188	166	148	154	144	148	149	152	155	----	165	168	173	167	181	175	170	180	174
13	171	179	178	170	171	166	169	172	162	156	154	157	154	167	168	169	173	175	173	183	184	184	173	165	170
14	184	183	181	182	184	184	189	180	175	169	167	166	192	192	234	252	257	250	237	195	197	186	182	184	196
15	195	185	178	277	191	166	179	182	173	171	163	168	169	177	343	326	312	340	54	63	40	32	36	33	173
16	31	32	36	51	50	36	39	41	50	54	51	48	39	34	33	43	9	315	324	325	319	320	315	311	121
17	315	308	308	302	299	301	303	298	299	299	298	293	295	293	284	288	284	288	292	285	282	280	284	281	294
18	278	270	269	278	284	281	270	274	288	289	296	294	292	290	289	282	278	288	289	279	268	270	245	243	279
19	248	237	204	194	209	190	183	164	163	186	200	200	198	210	202	199	199	187	197	198	204	202	204	208	200
20	213	217	209	210	267	301	282	298	319	306	303	312	309	308	308	325	348	51	30	37	43	66	55	56	216
21	51	73	77	78	71	72	64	85	93	96	127	129	126	137	145	144	142	144	150	153	172	164	161	157	117
22	166	175	178	180	185	185	192	184	190	192	194	202	198	203	203	198	207	206	215	231	192	190	193	208	195
23	192	197	198	202	180	179	180	180	169	166	166	175	190	229	159	49	31	31	36	59	61	53	42	31	131
24	57	28	49	80	54	57	91	76	83	87	82	56	39	107	165	171	166	163	161	196	249	282	262	343	129
25	318	350	324	318	311	9	333	36	35	36	35	37	60	75	96	112	105	117	122	137	148	149	171	164	150
26	152	153	150	164	182	172	181	185	168	162	157	163	166	177	162	163	174	182	175	175	179	185	187	192	171
27	194	164	175	187	212	188	201	191	165	185	289	301	295	274	291	291	289	275	293	293	291	309	295	311	248
28	352	359	353	356	28	38	49	72	54	48	45	44	43	41	42	39	42	44	58	52	43	43	43	45	97
29	43	39	43	45	46	49	53	58	53	45	45	44	36	40	31	3	325	330	46	34	9	324	7	319	86
30	329	329	319	306	332	23	342	28	50	132	144	143	146	147	152	150	158	162	176	163	183	174	178	178	185
31	178	142	161	128	47	322	44	68	54	43	48	52	75	75	82	89	86	90	94	97	89	95	97	93	98
AVG	186	191	194	200	184	173	194	170	171	177	183	185	185	190	196	195	205	205	179	180	171	181	176	196	186
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	743

TOTAL HOURS	= 744	TOTAL AVERAGE	= 186
NUMBER OF GOOD HOURS	= 743	HIGHEST HOURLY VALUE	= 359
NUMBER OF MISSING HOURS	= 1	2nd HIGH HOURLY VALUE	= 356
DATA CAPTURE (PERCENT)	= 99.9	MINIMUM REPORTED VALUE	= 2
STANDARD DEVIATION	= 94		

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

DATA FOR MAR 2007
RUN DATE:04/09/07

LOCATION:SOUTHEAST FENCELINE SDs (DEG)

DAY	HR-BEG00 HR-END01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
										HOURS(EST)															
1	9.5	15.4	12.4	13.6	13.8	10.3	11.4	8.4	4.4	5.3	14.7	11.6	7.9	8.8	8.8	6.8	5.9	6.1	14.2	31.3	9.2	12.1	51.6	33.1	13.6
2	9.9	9.0	8.4	7.8	9.4	12.5	16.0	20.4	18.3	9.2	10.3	9.8	11.9	11.4	14.6	14.4	15.8	16.1	10.9	10.9	10.5	20.1	21.6	13.9	13.0
3	14.3	12.7	11.7	43.5	10.4	22.3	69.0	11.9	8.1	7.1	37.3	13.6	12.2	11.9	39.1	49.8	79.2	64.7	45.6	16.0	23.6	11.0	9.2	10.1	26.4
4	11.0	11.7	8.7	9.7	9.7	12.6	13.1	16.9	13.3	12.5	10.9	11.6	11.0	10.8	12.8	11.0	10.3	14.8	22.5	27.1	13.8	11.2	14.1	19.8	13.4
5	19.0	18.7	21.3	16.9	15.7	12.0	17.2	14.2	18.2	21.6	23.8	17.0	15.4	13.6	13.8	10.6	11.1	9.4	15.4	15.2	11.2	16.1	17.6	19.0	16.0
6	13.9	20.2	19.3	12.4	13.3	17.7	15.5	14.9	12.2	19.0	19.6	16.0	14.9	32.3	13.1	23.5	13.8	18.2	46.3	72.8	65.8	59.9	28.1	12.7	24.8
7	11.5	10.9	8.4	19.7	13.1	10.5	13.9	9.2	8.7	12.7	12.1	11.6	19.9	11.4	28.0	7.0	7.7	7.9	7.8	6.7	7.3	6.7	7.3	6.6	11.1
8	37.2	12.0	15.8	9.2	30.3	20.4	29.5	14.1	10.6	21.2	20.1	17.1	39.5	41.5	49.4	50.1	48.8	66.0	51.1	8.6	12.7	12.2	22.0	19.4	27.4
9	13.5	36.6	34.7	5.7	6.8	14.6	19.1	15.7	8.7	9.5	12.0	16.5	13.2	12.6	10.4	13.3	13.0	10.5	5.9	6.4	5.4	4.3	9.8	10.6	12.9
10	10.3	7.2	3.8	8.3	11.5	7.7	13.3	13.1	12.4	17.0	19.1	18.1	16.6	17.1	19.6	20.5	19.1	13.7	11.0	11.0	11.4	15.2	37.4	53.7	16.2
11	38.8	35.6	18.3	29.5	12.2	9.0	15.7	26.3	21.5	49.2	24.1	23.2	26.4	22.6	22.1	27.8	46.8	26.4	16.1	19.3	42.9	81.1	32.6	16.6	28.5
12	55.3	48.8	33.1	24.8	36.4	18.3	24.7	24.8	15.4	8.3	3.1	6.1	4.3	9.3	7.6	----	10.8	8.2	9.8	8.9	12.5	9.2	9.3	13.6	17.5
13	9.9	14.6	14.1	9.7	14.4	15.3	12.2	16.8	8.3	10.4	7.3	6.6	7.5	11.7	8.6	8.3	6.4	9.2	9.3	10.9	12.0	13.6	8.9	8.2	10.6
14	7.7	8.8	10.3	9.3	11.1	11.2	11.5	9.8	6.7	7.8	12.0	13.9	15.9	19.1	15.4	12.5	12.7	12.1	16.0	14.1	13.9	11.4	9.2	11.5	11.8
15	17.2	13.9	7.7	24.8	22.0	9.8	11.0	12.5	23.8	20.5	7.2	6.1	8.2	36.4	68.4	65.7	69.7	77.6	80.1	86.3	41.0	53.7	39.5	20.2	34.3
16	8.8	7.5	7.7	8.7	8.4	8.4	8.1	6.1	6.7	8.6	7.9	16.5	15.0	20.8	15.7	88.3	89.4	60.8	26.0	31.3	28.0	29.3	17.7	16.4	22.6
17	18.1	13.1	13.6	10.8	8.8	9.2	9.5	8.1	8.9	9.9	8.7	8.8	8.8	10.0	10.0	10.6	11.1	11.5	8.3	11.4	12.4	10.8	11.1	12.4	10.7
18	14.7	14.6	13.1	14.7	10.1	12.0	18.6	16.6	12.2	10.6	10.4	10.5	12.8	12.6	13.0	12.5	13.0	9.5	9.0	10.6	11.9	8.4	11.5	9.3	12.2
19	6.5	18.7	20.7	18.2	21.6	26.5	14.4	10.8	10.0	19.9	18.8	19.1	18.3	18.2	19.3	17.6	16.8	14.4	15.8	14.3	16.4	15.3	16.6	16.6	16.9
20	17.9	19.1	18.5	15.7	48.4	28.4	43.2	19.3	60.5	17.5	30.8	52.0	47.1	33.7	32.9	63.5	55.4	70.9	49.5	59.1	13.2	7.8	8.9	8.6	34.2
21	9.3	10.3	7.7	8.4	9.9	11.0	8.2	9.4	11.4	12.1	18.8	15.5	9.4	8.7	7.2	5.7	6.6	5.5	9.0	8.6	8.4	10.3	10.5	9.7	9.7
22	8.6	10.4	14.4	13.7	15.9	15.0	13.8	14.2	14.1	13.6	16.6	17.2	15.7	17.4	17.5	15.4	17.4	17.9	19.7	17.1	15.2	15.8	17.1	17.5	15.5
23	13.0	15.0	14.8	16.6	11.6	13.6	10.8	11.9	7.5	7.9	7.0	12.4	26.9	26.4	25.7	54.3	27.0	14.9	25.1	8.4	11.5	10.6	47.0	22.5	18.4
24	7.3	54.2	6.6	8.9	15.0	9.5	9.7	8.4	9.2	10.6	14.3	17.4	25.6	11.0	10.6	12.4	17.4	13.5	13.2	21.5	27.1	38.6	21.9	53.4	18.2
25	54.3	59.5	37.1	49.5	45.9	34.5	25.2	44.3	5.9	5.9	31.5	50.6	28.9	27.3	19.1	13.3	12.7	9.0	6.1	5.7	7.2	8.7	10.5	10.3	25.1
26	8.3	9.2	8.2	13.6	17.2	15.3	14.7	19.7	9.8	11.6	10.1	10.1	9.8	16.4	10.1	10.8	11.5	13.5	11.0	8.9	10.6	9.2	9.5	14.4	11.8
27	20.9	6.8	8.4	11.0	35.1	13.2	21.4	29.7	7.1	19.0	15.4	11.1	11.0	14.7	11.2	12.7	12.0	12.4	12.1	7.1	8.4	39.6	38.0	35.0	17.2
28	59.3	63.3	59.5	45.9	61.8	12.7	6.4	8.4	7.9	7.3	17.2	20.7	12.5	23.8	14.3	13.5	34.7	30.2	6.7	8.2	26.7	26.0	28.2	38.9	26.4
29	21.3	12.4	17.5	41.3	47.4	49.6	47.9	60.9	49.3	64.9	55.1	27.3	54.5	31.4	66.9	64.6	68.6	70.2	66.4	40.2	76.2	52.0	66.3	79.8	51.3
30	27.9	33.1	35.9	40.7	48.8	65.8	52.8	39.5	30.1	9.3	3.5	5.0	6.7	3.5	9.9	6.0	8.9	8.2	6.2	6.8	12.6	7.6	9.2	12.5	20.4
31	10.9	9.8	10.9	10.5	63.6	67.0	85.8	46.1	75.8	32.3	17.2	10.9	9.8	13.6	10.5	7.8	8.8	9.7	9.7	9.5	7.8	7.7	9.3	9.9	23.1
AVG	18.9	20.4	16.9	18.5	22.6	19.2	22.0	18.8	16.7	15.9	16.7	16.3	17.3	18.1	20.2	24.3	25.2	23.6	21.2	19.8	18.9	20.5	21.0	20.5	19.7
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	743

TOTAL HOURS	= 744	TOTAL AVERAGE	= 19.7
NUMBER OF GOOD HOURS	= 743	HIGHEST HOURLY VALUE	= 89.4
NUMBER OF MISSING HOURS	= 1	2nd HIGH HOURLY VALUE	= 88.3
DATA CAPTURE (PERCENT)	= 99.9	MINIMUM REPORTED VALUE	= 3.1
STANDARD DEVIATION	= 16.3		

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE TMP2m (DEGF)

DATA FOR MAR 2007
RUN DATE:04/09/07

HOURS(EST)

DAY	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	AVG
1	38.6	38.0	37.0	37.4	37.3	36.3	36.3	37.3	40.5	43.6	46.2	48.2	49.6	50.7	51.2	50.0	49.4	49.0	48.7	46.5	45.8	44.7	46.0	50.6	44.1
2	55.1	55.2	55.2	55.1	55.0	55.0	55.3	55.8	56.5	56.0	58.6	61.2	62.8	63.4	63.3	62.9	62.0	60.7	58.6	56.7	55.2	54.3	50.9	47.8	57.2
3	45.8	45.5	44.7	43.2	41.6	39.0	38.0	41.4	43.7	47.6	53.7	56.8	57.1	58.4	55.5	55.1	54.3	53.9	53.0	51.5	47.5	45.5	43.4	42.3	48.3
4	41.2	40.1	38.5	36.9	35.5	33.8	33.2	33.6	35.5	36.9	38.9	38.6	39.0	38.5	38.8	38.6	38.0	37.3	35.9	35.4	34.6	34.4	33.4	32.9	36.6
5	32.7	32.4	31.7	31.2	31.2	30.2	30.1	31.4	34.5	37.3	42.0	45.3	49.6	51.7	51.6	50.0	47.5	45.2	43.6	42.1	38.6	37.4	35.7	32.2	39.0
6	29.8	28.3	27.1	26.5	24.8	23.2	21.4	21.3	21.9	23.4	24.9	26.5	28.8	30.0	31.6	32.7	32.7	32.1	31.1	30.8	30.6	30.1	29.6	29.3	27.9
7	28.6	28.3	28.3	27.8	28.4	28.3	28.3	25.7	25.9	26.7	27.3	28.2	29.1	29.0	28.8	29.0	29.1	29.2	29.6	29.5	29.0	27.8	27.2	25.8	28.1
8	25.2	23.6	23.1	21.6	20.7	21.0	22.1	23.1	25.2	27.2	29.2	31.4	33.6	36.4	38.2	39.3	39.0	37.9	36.7	35.6	34.2	33.5	33.2	32.8	30.2
9	31.1	30.1	29.5	30.0	29.1	27.8	27.6	29.0	30.6	32.9	35.3	37.6	40.4	42.3	43.5	44.7	45.3	45.1	42.1	39.7	38.6	37.5	37.2	36.8	36.0
10	36.2	35.8	35.0	35.0	35.1	35.5	36.0	37.6	41.1	46.3	51.0	55.9	58.4	61.3	63.6	65.8	66.1	63.8	62.1	61.0	59.6	59.1	57.6	54.0	50.5
11	53.4	53.7	54.2	53.0	51.1	49.3	48.1	47.8	48.2	50.0	52.4	54.0	55.0	55.5	56.5	57.0	56.3	55.1	54.0	52.2	51.0	48.8	48.9	48.2	52.2
12	46.5	44.0	42.4	41.0	39.1	38.0	38.2	40.0	42.4	47.0	50.3	53.1	55.0	55.5	56.3	----	56.6	55.3	55.3	54.0	51.7	49.4	48.3	47.4	48.1
13	46.3	45.9	45.3	45.0	44.9	44.4	44.8	45.4	46.8	49.6	52.4	55.3	59.6	67.4	69.2	69.6	69.4	68.9	67.7	65.9	64.5	60.7	59.1	59.7	56.2
14	59.2	59.0	57.8	56.6	56.0	55.5	55.5	55.5	56.0	59.0	63.4	69.2	77.6	79.8	79.6	77.6	77.3	76.3	74.1	71.1	68.1	66.9	67.8	67.1	66.1
15	67.1	63.8	62.5	61.4	60.0	56.5	56.0	60.4	60.2	63.3	65.2	68.6	70.3	72.5	62.5	59.1	51.9	47.8	46.1	45.0	45.0	43.3	41.6	40.9	57.1
16	41.0	41.4	41.6	41.6	41.6	41.6	41.4	41.4	41.0	40.8	40.3	39.3	38.9	38.6	38.2	36.4	36.0	35.3	33.3	31.6	31.2	31.5	31.7	31.4	37.8
17	31.4	31.1	30.6	30.8	30.7	30.3	30.3	31.2	32.9	33.5	34.1	33.8	34.5	35.0	34.5	35.5	35.9	36.4	37.7	37.3	37.2	36.5	36.3	35.9	33.9
18	35.0	34.3	33.8	33.2	32.6	31.8	31.4	32.3	33.9	36.0	37.7	40.0	41.6	42.9	43.6	44.0	43.3	41.9	40.4	39.3	38.0	37.2	35.2	35.3	37.3
19	34.4	33.4	33.4	32.4	32.4	31.4	31.9	33.8	36.7	40.6	44.2	47.4	49.9	52.7	54.1	55.1	55.3	55.1	55.0	55.1	55.0	55.2	55.0	54.9	45.2
20	55.2	55.1	55.3	55.4	54.5	54.9	54.8	55.1	55.3	58.2	59.8	59.1	59.4	60.8	61.1	60.4	58.8	56.4	53.7	52.8	50.5	47.8	45.0	43.7	55.1
21	43.4	43.1	42.2	41.4	40.6	39.5	38.7	38.4	39.3	40.9	41.9	42.7	43.4	43.9	43.7	43.9	44.3	44.5	44.5	44.4	44.4	44.2	44.1	44.0	42.6
22	44.0	43.4	43.3	43.6	44.2	44.8	45.5	47.6	51.2	54.5	57.9	62.5	67.1	70.2	71.9	73.3	74.4	72.8	71.9	70.6	67.3	66.7	63.4	64.4	59.0
23	63.1	63.2	62.5	61.2	57.1	56.5	57.2	56.9	59.6	63.6	67.4	69.9	71.8	76.1	74.7	70.4	64.3	61.4	60.9	60.4	58.4	57.4	56.4	56.3	62.8
24	55.3	55.0	54.3	54.2	53.7	53.4	53.7	53.1	52.8	52.6	52.8	52.7	52.4	53.2	53.8	54.4	55.2	55.0	55.2	54.8	54.7	54.0	54.2	52.9	53.9
25	52.9	51.2	50.5	50.7	50.5	49.4	49.3	49.0	52.1	55.6	57.6	59.6	63.0	63.5	63.6	62.7	60.8	58.4	54.5	52.4	49.9	47.9	45.8	44.0	54.0
26	43.5	43.4	43.3	43.4	43.5	43.6	43.6	44.1	45.6	48.3	50.6	53.1	54.8	58.2	59.6	62.3	63.5	64.8	63.5	62.4	61.6	61.4	61.9	61.9	53.4
27	60.2	57.1	59.4	59.2	56.8	57.2	58.0	58.6	61.3	67.6	78.6	78.9	80.5	81.5	80.5	82.0	82.4	81.2	77.4	73.8	72.2	70.9	69.8	69.3	69.8
28	66.6	66.4	65.9	65.3	62.8	63.3	62.6	62.4	63.5	65.0	67.1	69.5	69.5	70.2	70.2	68.4	66.8	66.3	63.5	60.9	58.7	57.1	55.4	55.0	64.3
29	54.1	52.7	51.2	49.1	47.1	45.6	44.4	45.1	47.8	50.4	54.2	57.9	58.5	61.6	61.5	61.1	60.3	58.3	55.5	54.8	54.5	53.1	51.3	52.7	53.4
30	51.2	49.4	46.7	45.0	43.4	42.2	42.9	45.8	49.3	52.7	54.8	57.3	59.9	62.0	62.9	63.6	63.4	63.2	62.7	60.5	58.9	56.6	55.3	54.0	54.3
31	52.4	49.8	48.7	47.3	45.9	46.0	45.4	48.7	51.9	56.0	60.1	61.6	62.5	63.3	61.8	59.6	58.5	57.6	57.3	56.0	55.1	54.5	53.4	52.0	54.4
AVG	45.8	45.0	44.4	43.7	42.8	42.1	42.0	42.9	44.6	47.2	50.0	52.1	54.0	55.7	55.7	55.5	54.8	53.7	52.4	51.1	49.7	48.6	47.6	47.0	48.7
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	743

TOTAL HOURS	= 744	TOTAL AVERAGE	= 48.7
NUMBER OF GOOD HOURS	= 743	HIGHEST HOURLY VALUE	= 82.4
NUMBER OF MISSING HOURS	= 1	2nd HIGH HOURLY VALUE	= 82.0
DATA CAPTURE (PERCENT)	= 99.9	MINIMUM REPORTED VALUE	= 20.7
STANDARD DEVIATION	= 13.0		

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

DATA FOR MAR 2007
RUN DATE:04/09/07

LOCATION:SOUTHEAST FENCELINE DT2M (DEGF)

HOURS(EST)

HR-BEG HR-END DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
1	1.1	0.8	1.1	0.5	0.8	0.9	0.5	0.2	-0.6	-1.1	-0.6	-0.8	-0.8	-0.6	-0.3	0.5	0.6	0.7	0.7	0.6	0.3	0.2	0.8	0.8	0.3
2	-0.7	-1.8	-2.0	-1.8	0.1	0.1	0.5	0.1	-0.6	-3.1	-0.6	-0.1	-0.2	-0.3	-0.4	-0.2	-0.1	0.2	0.4	0.6	0.8	1.1	1.7	2.4	-0.2
3	1.7	0.9	1.2	1.5	1.6	3.0	2.3	0.5	-0.3	-0.8	-0.3	-0.4	-0.3	-0.5	-0.6	-0.5	-0.3	0.0	0.3	0.3	0.1	0.1	0.1	0.2	0.4
4	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.0	-0.1	-0.4	-0.4	-0.4	-0.3	-0.4	-0.5	-0.3	0.0	0.2	0.2	0.2	0.2	0.3	0.3	0.0
5	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	-0.1	-0.3	-0.6	-0.6	-0.5	-0.5	-0.4	-0.2	0.0	0.2	0.2	0.1	0.2	0.1	0.1	0.0
6	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.4	-0.6	-0.8	-0.9	-0.8	-0.7	-0.5	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	-0.2
7	-0.1	-0.2	-0.1	0.0	-0.1	-0.1	-0.2	-0.4	-0.4	-0.3	-0.3	-0.6	-1.0	-0.8	-0.5	-0.5	-0.3	-0.1	0.1	0.2	0.4	0.9	0.9	1.2	-0.1
8	1.6	2.4	1.9	1.6	1.9	2.1	1.1	0.4	0.3	0.1	0.0	-0.3	-0.4	-0.6	-0.6	-0.6	-0.5	-0.2	0.5	0.9	1.1	1.3	1.1	0.4	0.6
9	1.0	2.2	1.7	1.0	0.7	0.8	0.8	-0.1	-0.7	-1.7	-1.5	-1.5	-1.5	-1.0	-1.0	-0.6	-0.4	0.1	0.2	0.4	0.4	0.3	0.3	0.3	0.0
10	0.3	0.6	0.8	0.5	0.5	0.5	0.3	0.1	0.0	-0.1	-0.4	-0.3	-0.3	-0.6	-0.7	-0.3	-0.1	0.3	0.8	0.8	0.7	0.4	0.5	0.4	0.2
11	0.4	0.6	0.2	0.3	0.4	0.6	0.5	0.3	0.2	0.0	-0.2	-0.4	-0.6	-0.6	-0.6	-0.5	-0.5	-0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.1
12	0.5	1.3	2.0	1.6	2.1	1.9	0.9	0.1	-0.9	-1.3	-2.7	-2.1	-3.0	-2.2	-1.6	----	-0.3	0.1	0.2	0.1	0.2	0.4	0.5	0.3	-0.1
13	0.3	0.2	0.3	0.3	0.3	0.5	0.2	-0.1	-0.4	-1.0	-1.0	-1.2	-0.9	-0.9	-0.7	-0.3	0.0	0.2	0.4	0.6	0.5	2.0	1.4	0.6	0.1
14	0.5	0.4	0.4	0.8	0.6	0.8	0.5	0.2	0.0	-0.5	-0.9	-1.0	-0.3	-0.5	-0.1	-0.1	0.0	0.1	0.5	1.0	2.0	2.3	0.8	0.9	0.3
15	0.8	1.7	1.0	2.3	2.0	2.0	3.7	0.1	0.0	-0.1	0.6	0.0	-0.1	-0.2	-0.7	-0.5	-0.2	-0.7	-2.0	-2.0	-1.8	-2.0	-2.0	-1.9	0.0
16	-1.9	-1.6	-1.6	-1.5	-1.6	-1.4	-1.3	-1.4	-1.6	-1.8	-2.0	-1.9	-1.7	-1.7	-1.6	-0.9	-0.7	-0.4	-0.6	-1.4	-1.5	-1.6	-1.5	-0.9	-1.4
17	-0.2	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.0	-0.2	-0.3	-0.2	-0.2	-0.1	-0.1	0.0	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.1
18	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.2	0.2	-0.1	-0.2	-0.5	-0.6	-0.7	-0.6	-0.5	-0.4	-0.1	0.2	0.4	0.4	0.4	1.3	0.5	0.1
19	0.4	0.6	0.7	0.6	0.5	1.2	0.4	-0.1	-0.2	-0.1	-0.4	-0.6	-0.7	-0.6	-0.4	-0.3	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1
20	0.2	0.3	0.2	0.2	0.5	0.9	1.2	0.4	0.1	0.0	-0.3	-0.7	-0.9	-0.8	-0.8	-1.0	-1.0	-0.6	0.6	0.7	1.3	0.8	0.8	0.8	0.1
21	0.2	0.0	0.0	0.0	-0.1	-0.1	-0.3	-0.6	-1.2	-2.2	-1.9	-1.5	-1.3	-1.0	-0.6	-0.6	-0.5	-0.2	0.0	0.0	0.1	0.1	0.1	0.1	-0.5
22	0.1	0.2	0.1	0.1	0.1	0.1	0.1	-0.1	-0.3	-0.5	-0.8	-0.8	-0.9	-0.7	-0.6	-0.5	-0.3	0.0	0.1	0.2	1.8	0.8	2.2	0.7	0.0
23	0.8	0.6	0.3	0.6	2.1	2.4	0.9	1.1	-0.3	-0.7	-0.8	-0.1	-0.1	-0.9	-0.5	0.4	0.0	0.1	0.5	1.3	1.2	0.7	0.3	0.2	0.4
24	0.7	-0.1	0.2	0.2	0.0	-0.1	0.0	-0.2	-0.2	-0.2	-0.6	-1.2	-1.2	-1.2	-0.4	-0.2	-0.4	-0.1	0.6	1.0	0.9	0.9	0.9	1.1	0.0
25	0.7	0.6	0.0	0.0	0.3	0.8	0.6	-0.6	-0.9	-3.5	-3.7	-3.7	-4.7	-4.5	-4.9	-4.8	-3.6	-1.9	-0.3	0.3	0.1	0.1	0.0	0.0	-1.4
26	0.0	-0.1	-0.1	-0.1	0.0	0.1	0.0	-0.1	-0.4	-1.1	-2.0	-1.5	-0.8	-0.9	-1.1	-1.0	-0.1	0.1	0.4	0.3	0.3	0.3	0.3	0.3	-0.3
27	1.7	2.4	0.9	1.1	2.3	1.6	0.5	0.1	-0.6	-0.4	-0.6	-0.5	-0.9	-1.2	-0.8	-0.8	-0.5	0.0	0.2	0.3	0.4	0.4	0.6	0.6	0.3
28	0.8	0.9	1.1	0.9	1.2	1.3	1.6	0.2	-1.6	-3.0	-4.2	-4.5	-4.2	-4.3	-4.6	-4.4	-2.4	-0.8	0.8	1.1	1.1	1.0	0.9	0.7	-0.9
29	0.7	0.5	0.4	0.6	0.5	0.5	0.5	-0.2	-1.6	-2.3	-3.3	-4.6	-3.7	-4.7	-3.4	-2.6	-1.3	-0.6	0.4	1.3	1.0	1.6	2.0	0.8	-0.7
30	1.1	1.3	1.7	1.3	1.6	2.3	1.1	0.2	-1.2	-3.3	-4.5	-4.6	-4.3	-4.8	-3.6	-3.0	-1.5	-0.5	0.8	1.3	0.8	0.9	0.4	0.5	-0.7
31	0.5	1.2	1.1	2.0	2.3	0.7	0.2	-0.4	-0.9	-3.6	-4.9	-5.0	-4.8	-4.6	-3.0	-1.5	-1.1	-0.5	-0.2	-0.3	-0.4	-0.4	-0.5	-0.6	-1.0
AVG	0.4	0.5	0.5	0.5	0.7	0.8	0.6	0.0	-0.5	-1.1	-1.3	-1.4	-1.4	-1.4	-1.2	-0.9	-0.5	-0.2	0.2	0.4	0.4	0.5	0.5	0.4	-0.1
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	743

TOTAL HOURS	= 744	TOTAL AVERAGE	= -0.1
NUMBER OF GOOD HOURS	= 743	HIGHEST HOURLY VALUE	= 3.7
NUMBER OF MISSING HOURS	= 1	2nd HIGH HOURLY VALUE	= 3.0
DATA CAPTURE (PERCENT)	= 99.9	MINIMUM REPORTED VALUE	= -5.0
STANDARD DEVIATION	= 1.2		

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE VWS (MPH)

DATA FOR MAR 2007
RUN DATE:04/09/07

DAY	HR-BEG00 HR-END01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
	HOURS(EST)																								
1		0.7	0.4	0.3	0.2	0.5	0.4	0.1	0.3	0.5	0.2	0.0	0.0	0.6	0.5	0.4	1.1	1.0	0.7	0.6	0.7	1.0	0.5	0.1	0.3	0.5
2		0.3	-0.2	-0.5	-0.4	-0.5	-0.4	-0.2	-0.1	0.2	0.3	1.0	0.9	1.2	0.9	0.9	0.8	0.4	0.1	0.2	0.2	0.3	0.0	-0.1	-0.2	0.2
3		-0.2	-0.2	-0.1	0.1	0.0	-0.1	0.1	0.0	0.2	0.2	0.2	0.9	0.6	0.6	0.8	0.7	0.8	0.5	0.4	0.6	0.7	0.6	0.7	0.6	0.4
4		0.7	0.4	0.5	0.7	0.9	0.4	0.4	0.8	0.8	0.8	1.2	0.9	1.1	1.2	1.3	1.2	1.2	0.8	0.2	0.2	0.6	0.6	0.2	-0.1	0.7
5		-0.2	0.0	-0.1	-0.2	0.0	-0.1	0.0	-0.1	0.1	-0.2	0.4	0.2	0.8	0.9	1.3	1.2	1.3	1.0	0.9	0.9	0.7	0.6	1.0	1.1	0.5
6		0.7	1.1	1.1	1.0	1.0	1.2	1.5	1.4	1.0	0.7	0.9	0.6	1.0	0.7	0.6	0.7	0.5	0.5	0.7	0.6	0.8	0.5	0.9	1.1	0.9
7		0.8	0.4	0.6	0.1	0.5	0.9	0.9	0.9	0.7	0.6	0.6	0.8	0.8	0.7	0.7	1.1	0.9	0.9	1.0	1.5	1.3	1.4	1.4	0.9	0.9
8		0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.3	0.2	0.6	0.7	0.8	0.8	0.7	0.5	0.4	0.8	1.5	0.7	0.2	0.0	-0.1	0.4
9		0.0	0.0	0.1	1.1	0.9	0.4	0.3	0.4	0.8	0.5	0.0	0.1	0.3	0.1	0.1	0.0	0.0	0.4	0.9	0.7	0.4	0.5	0.0	0.3	0.3
10		0.0	0.1	0.1	0.0	0.0	0.0	-0.1	-0.2	-0.5	-0.6	0.0	-0.5	-0.8	0.0	-0.1	-0.5	-0.6	-0.3	-0.3	-0.4	-0.1	-0.2	0.3	0.4	-0.2
11		0.1	0.0	0.4	0.3	0.4	0.1	0.2	0.4	0.6	0.7	0.5	0.6	0.9	0.8	0.6	0.9	0.7	0.7	0.6	0.4	0.4	0.6	0.3	0.3	0.5
12		0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.1	0.3	0.1	0.2	0.1	----	0.0	-0.3	-0.3	0.0	-0.4	-0.2	-0.1	-0.2	0.0
13		-0.2	-0.3	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.1	0.1	0.3	0.2	0.2	0.0	-0.2	-0.1	-0.4	-0.2	-0.2	-0.3	-0.4	-0.3	-0.1	-0.1	-0.1
14		-0.3	-0.7	-0.5	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	0.1	0.1	-0.7	-0.2	0.1	0.3	0.5	0.1	0.1	-0.2	-0.2	-0.2	-0.4	-0.3	-0.2
15		-0.4	-0.3	-0.1	0.1	-0.1	0.0	-0.2	-0.2	0.1	0.0	0.0	-0.1	0.0	0.0	1.4	1.1	1.1	1.2	1.8	1.4	2.4	2.4	2.4	2.1	0.7
16		1.9	1.8	1.4	2.0	1.6	1.6	1.6	2.0	1.9	2.4	2.5	2.1	2.7	2.3	2.3	1.3	1.3	0.6	1.0	0.6	0.7	0.8	0.7	0.6	1.6
17		0.7	0.3	0.3	0.3	0.4	0.3	0.4	0.5	0.7	0.8	1.0	1.0	0.8	0.7	0.8	0.6	0.8	0.7	0.3	0.6	0.4	0.6	0.6	0.5	0.6
18		0.2	0.3	0.4	0.4	0.5	0.3	0.3	0.5	0.7	0.9	0.9	1.0	0.8	1.4	1.0	1.0	1.1	1.0	0.5	0.3	0.1	0.2	0.0	0.1	0.6
19		0.0	0.0	-0.2	-0.1	-0.1	-0.1	-0.2	0.2	0.2	-0.3	-0.6	-0.7	-0.7	-0.8	-0.9	-0.9	-0.7	-0.6	-0.6	-0.6	-0.4	-1.0	-0.9	-0.7	-0.4
20		-0.5	-0.2	-0.4	-0.6	0.1	0.1	0.1	0.3	0.5	0.6	0.8	0.7	0.7	1.0	0.7	0.9	1.1	1.3	1.3	1.5	1.7	2.3	2.0	1.4	0.7
21		1.3	1.2	1.6	1.5	1.5	1.8	1.6	1.5	1.4	1.0	0.7	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.4	0.3	-0.4	-0.1	0.3	0.4	0.8
22		0.1	-0.2	-0.2	-0.3	-0.3	-0.3	-0.5	-0.3	-0.5	-0.8	-0.6	-0.9	-0.9	-0.8	-1.0	-0.9	-0.7	-0.6	-0.1	-0.1	-0.2	-0.6	-0.3	-0.3	-0.5
23		-0.5	-0.7	-0.4	-0.2	-0.3	-0.2	-0.2	-0.2	0.0	0.0	-0.1	-0.1	-0.1	0.1	0.0	0.7	1.9	2.0	1.2	1.1	1.0	1.2	0.7	0.7	0.3
24		0.8	0.8	1.2	1.0	1.0	1.0	1.1	1.2	1.3	1.2	0.8	0.8	0.7	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
25		0.3	0.2	0.5	0.3	0.1	0.3	0.5	0.7	1.6	1.7	1.0	1.0	1.3	1.1	1.2	1.0	1.0	1.2	1.7	1.0	0.8	0.6	-0.2	0.1	0.8
26		0.5	0.3	0.4	0.3	-0.1	0.2	-0.3	-0.4	-0.2	0.5	0.5	0.7	0.2	0.0	0.2	0.1	-0.3	-0.3	-0.1	-0.2	-0.2	-0.4	-0.6	-0.4	0.0
27		-0.4	0.0	-0.1	-0.2	-0.1	-0.2	-0.1	0.1	0.0	0.1	0.7	0.7	0.6	1.0	0.5	0.8	0.7	0.4	0.7	0.4	0.5	0.5	0.3	0.2	0.3
28		0.0	0.3	0.2	0.3	0.4	0.6	1.1	1.9	2.0	2.0	1.5	1.3	1.4	1.5	1.6	1.7	1.3	1.3	2.1	2.2	1.7	1.8	1.8	2.1	1.3
29		2.1	2.6	2.6	2.1	2.0	2.2	2.3	1.9	1.8	1.2	1.2	1.3	1.0	1.0	1.1	0.9	0.9	0.8	1.7	1.1	0.4	0.3	0.1	0.4	1.4
30		0.4	0.4	0.4	0.3	0.0	0.2	0.2	0.4	0.3	0.3	0.4	0.4	0.7	0.4	0.6	0.5	0.2	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.2	0.2
31		-0.1	0.1	0.1	0.0	0.0	0.2	0.4	0.7	0.9	1.5	1.8	1.8	1.8	1.6	1.7	1.5	1.6	1.4	1.3	1.3	1.5	1.5	1.5	1.5	1.1
AVG		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.5
HOURS		31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	743

TOTAL HOURS	= 744	TOTAL AVERAGE	= 0.5
NUMBER OF GOOD HOURS	= 743	HIGHEST HOURLY VALUE	= 2.7
NUMBER OF MISSING HOURS	= 1	2nd HIGH HOURLY VALUE	= 2.6
DATA CAPTURE (PERCENT)	= 99.9	MINIMUM REPORTED VALUE	= -1.0
STANDARD DEVIATION	= 0.7		

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE SW (%FR)

DATA FOR MAR 2007
RUN DATE:04/09/07

HOURS(EST)

HR-BEG HR-END DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
1	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.6	0.5	0.7	0.8	0.6	0.6	0.6	0.6	0.5	0.6	0.4	0.5	0.6	0.5	0.5	0.3	1.2	0.6
2	1.7	1.8	2.0	1.9	1.9	1.6	1.1	0.7	0.9	1.2	2.0	2.0	2.1	2.0	1.9	1.9	1.8	1.5	1.0	1.0	0.9	0.7	0.8	0.6	1.4
3	0.5	0.6	0.5	0.5	0.3	0.2	0.3	0.4	0.5	0.6	1.1	2.2	2.3	2.2	1.7	1.2	1.0	0.7	0.8	1.4	1.8	1.7	1.5	1.4	1.1
4	1.4	1.0	1.3	1.6	1.7	1.2	1.1	1.6	1.7	1.9	2.3	2.1	2.2	2.3	2.3	2.1	2.0	1.9	1.2	1.4	1.5	1.4	0.7	0.6	1.6
5	0.4	0.4	0.6	0.8	0.9	0.8	1.2	1.5	1.7	1.5	1.5	1.5	1.8	2.1	2.3	2.0	2.1	2.0	1.6	1.7	1.7	1.5	2.3	2.1	1.5
6	2.2	2.5	2.5	2.4	2.6	2.4	2.6	2.5	2.4	2.4	2.0	1.9	1.8	1.8	1.8	1.5	1.5	1.1	1.1	1.1	0.9	0.6	0.6	0.7	1.8
7	0.6	0.6	0.6	1.1	0.6	0.6	0.7	0.9	0.8	0.7	0.6	0.8	0.7	0.6	0.6	0.6	0.7	0.6	0.7	0.8	0.8	0.8	0.8	0.6	0.7
8	0.5	0.1	0.1	0.1	0.1	0.2	0.5	0.7	1.0	1.1	1.0	1.3	1.3	1.4	1.4	1.3	1.2	0.8	0.9	0.8	0.8	0.5	0.3	0.3	0.7
9	0.1	0.1	0.4	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.8	1.2	1.2	1.3	1.2	1.0	0.9	0.9	0.6	0.5	0.5	0.5	0.8	0.8	0.7
10	0.7	0.3	0.2	0.2	0.2	0.2	0.6	0.8	1.1	1.7	1.5	2.5	2.3	2.0	1.9	2.3	1.8	1.0	0.9	0.9	0.9	1.1	0.8	0.5	1.1
11	0.2	0.3	1.1	0.8	1.1	0.6	0.8	1.1	1.4	1.6	1.4	1.5	1.6	1.8	1.6	1.7	1.4	1.5	1.3	1.0	0.9	0.7	0.6	0.8	1.1
12	0.5	0.2	0.1	0.1	0.1	0.2	0.2	0.5	0.3	0.7	0.3	0.8	0.6	0.6	0.7	----	0.9	0.7	0.8	0.9	0.9	0.6	0.5	0.7	0.5
13	0.5	0.6	0.5	0.4	0.4	0.3	0.6	0.8	0.7	0.7	0.7	0.8	0.6	1.0	1.0	1.2	0.9	1.0	0.9	1.0	1.1	0.7	0.6	0.3	0.7
14	0.7	0.9	0.9	0.7	0.7	0.6	0.9	0.7	0.5	0.8	0.8	1.1	2.0	2.2	2.3	1.7	1.6	1.3	0.6	0.6	0.4	0.5	1.0	1.0	1.0
15	1.3	1.0	0.5	0.4	0.2	0.3	0.7	0.9	1.0	1.0	0.4	0.5	0.5	1.2	1.6	1.7	1.6	1.2	1.1	1.1	0.9	1.1	0.9	0.8	0.9
16	0.8	0.7	0.7	1.0	1.0	0.8	0.9	0.9	1.0	1.3	1.2	1.2	1.1	0.9	0.9	1.1	1.2	1.2	1.6	1.6	1.6	1.6	1.5	1.8	1.1
17	1.6	1.3	1.2	1.0	1.0	1.2	1.3	1.2	1.6	2.0	1.9	1.9	1.7	1.7	1.6	1.5	1.5	1.4	1.2	1.3	1.4	1.5	1.2	1.2	1.4
18	0.8	0.9	1.2	1.0	1.0	0.9	0.8	1.3	1.8	1.8	1.9	1.9	1.9	2.0	1.9	1.9	1.8	1.7	1.5	0.7	0.5	0.5	0.2	0.4	1.3
19	0.4	0.3	0.6	0.4	0.6	0.3	0.6	0.9	1.2	2.0	2.5	2.7	2.6	3.0	2.7	2.9	2.4	2.0	2.1	2.1	2.4	2.6	2.5	2.6	1.8
20	2.4	1.7	1.7	1.7	0.8	0.4	0.5	0.6	0.8	1.5	1.7	1.6	1.7	1.9	1.5	1.4	1.3	0.9	0.6	0.9	0.8	0.9	0.8	0.7	1.2
21	0.7	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.7	0.6	0.5	0.5	0.5	0.6	0.7	0.9	0.9	1.1	0.7
22	0.9	0.6	0.8	0.9	1.1	1.2	1.5	1.2	1.7	2.0	2.3	2.9	3.0	3.3	3.0	2.9	2.9	2.1	2.0	1.2	0.6	1.2	1.0	1.2	1.7
23	1.2	1.3	1.0	1.3	0.8	0.6	0.5	0.5	0.6	0.7	0.9	1.0	1.2	1.2	0.8	0.6	0.7	0.6	0.5	0.6	0.6	0.6	0.5	0.3	0.8
24	0.4	0.5	0.4	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.6	0.6	0.4	0.5	0.4	0.5	0.4	0.3	0.1	0.3	0.2	0.1	0.1	0.1	0.4
25	0.3	0.4	0.5	0.5	0.3	0.5	0.5	0.3	0.7	0.5	0.5	0.7	0.9	1.0	0.9	0.8	0.7	0.8	0.7	0.7	1.0	0.8	1.2	1.2	0.7
26	0.9	0.9	0.7	1.0	1.0	1.1	1.1	1.3	1.3	1.3	1.2	1.4	1.5	1.8	1.3	1.0	1.1	1.1	0.7	0.8	1.0	1.0	1.3	1.1	1.1
27	1.1	0.4	0.4	0.6	0.4	0.5	0.7	0.7	0.3	0.7	1.4	1.5	1.5	1.7	1.5	1.6	1.4	1.2	1.3	0.8	0.9	1.1	0.6	0.7	1.0
28	0.5	0.4	0.3	0.3	0.3	0.3	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.6	0.5	1.0	0.7	0.8	0.7	0.7	0.6	0.8	0.6
29	0.7	0.8	0.8	0.8	0.9	1.0	1.1	1.0	0.9	0.8	0.8	0.7	0.9	0.6	1.1	1.1	1.2	1.2	0.9	0.7	0.4	0.7	0.3	0.5	0.8
30	0.5	0.5	0.6	0.5	0.2	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.7	0.6	0.9	0.7	0.9	0.7	0.3	0.2	0.4	0.3	0.5	0.5	0.5
31	0.5	0.2	0.3	0.1	0.2	0.3	0.5	0.7	0.7	0.7	0.9	1.0	0.8	0.8	0.8	0.9	0.7	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.6
AVG	0.8	0.7	0.8	0.8	0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.4	1.4	1.3	1.1	0.9	0.9	0.9	0.9	0.8	0.9	1.0
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	743

TOTAL HOURS	= 744	TOTAL AVERAGE	= 1.0
NUMBER OF GOOD HOURS	= 743	HIGHEST HOURLY VALUE	= 3.3
NUMBER OF MISSING HOURS	= 1	2nd HIGH HOURLY VALUE	= 3.0
DATA CAPTURE (PERCENT)	= 99.9	MINIMUM REPORTED VALUE	= 0.1
STANDARD DEVIATION	= 0.6		

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

DATA FOR MAR 2007
RUN DATE:04/09/07

LOCATION:SOUTHEAST FENCELINE RTMP (DEGF)

DAY	HR-BEG00 HR-END01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
HOURS(EST)																									
1		66.0	65.8	65.5	65.6	65.6	65.2	65.3	65.1	65.6	66.6	67.8	69.3	67.8	68.7	69.2	69.1	68.5	68.5	68.6	68.6	67.6	66.9	66.7	67.3	67.1
2		68.4	69.4	67.8	67.8	69.3	67.7	68.2	68.0	68.4	68.7	69.2	69.4	69.2	70.3	70.2	70.9	71.2	69.6	69.2	69.0	68.3	70.1	69.8	69.1	69.1
3		67.9	66.7	66.6	66.2	66.0	65.7	65.7	65.7	66.1	66.8	68.9	69.2	69.3	68.4	69.0	69.9	69.6	68.9	69.3	68.7	69.1	68.5	67.6	66.8	67.8
4		66.5	65.9	66.0	65.5	65.5	65.0	65.0	64.6	64.9	65.5	66.5	67.4	67.6	67.9	67.9	69.0	69.8	67.7	66.5	65.8	65.2	65.0	64.8	64.7	66.3
5		64.4	64.3	64.3	64.1	64.0	63.9	63.9	63.9	64.1	65.0	66.8	68.8	68.7	69.2	70.0	68.7	69.3	70.4	69.0	67.3	66.2	65.8	65.6	65.1	66.4
6		64.8	64.2	64.0	63.5	63.4	63.1	63.1	62.9	63.1	63.6	65.0	66.5	67.6	68.5	70.2	70.0	69.3	69.1	66.7	65.7	65.0	64.7	64.5	64.7	65.5
7		64.3	64.3	64.1	64.1	64.2	64.3	64.3	64.3	64.0	64.1	64.3	64.5	64.8	64.9	64.7	64.7	64.8	64.6	64.5	64.3	64.2	64.0	63.8	64.0	64.3
8		63.7	63.6	63.4	63.1	63.0	63.1	62.9	63.1	63.5	64.1	64.9	64.4	67.3	69.8	69.1	68.9	69.6	68.3	67.4	66.1	65.6	65.4	64.8	64.8	65.4
9		64.6	64.4	64.2	64.0	64.0	63.9	63.9	64.1	64.8	65.8	67.4	68.8	69.2	68.9	68.6	68.7	69.4	68.4	68.1	66.8	66.5	65.8	65.6	65.3	66.3
10		65.2	64.9	65.0	64.8	64.9	64.9	64.8	65.0	65.3	66.2	67.4	68.8	68.2	69.3	69.5	70.4	70.9	69.3	68.2	68.5	68.6	68.5	68.8	68.8	67.4
11		69.2	69.9	68.5	69.8	69.5	68.5	67.4	66.7	67.0	68.8	69.3	69.2	68.9	70.4	71.9	73.0	73.2	70.8	68.7	69.6	69.9	69.2	68.2	67.4	69.4
12		66.3	66.4	66.4	65.7	65.6	65.5	65.1	65.1	66.1	67.6	68.6	69.3	69.0	69.6	69.7	----	70.4	68.9	69.2	68.5	69.7	69.4	68.5	67.8	69.4
13		66.7	67.0	66.7	66.5	66.6	66.3	66.5	66.6	66.6	68.0	68.9	68.7	69.1	71.2	71.9	71.6	72.6	71.4	69.7	68.1	68.8	68.9	69.2	69.2	67.8
14		68.5	68.5	68.4	68.5	68.8	69.3	68.3	68.5	68.7	68.7	68.5	70.6	72.2	72.5	72.3	72.1	72.1	72.8	72.6	71.5	69.9	69.6	69.6	70.3	68.6
15		69.9	70.1	69.4	68.5	69.1	68.8	69.0	69.0	68.2	70.1	70.6	70.3	71.4	72.1	72.1	71.5	70.7	70.0	69.5	68.5	68.0	67.6	67.2	66.9	70.1
16		66.8	66.8	66.7	66.7	66.7	66.7	66.7	66.7	66.5	66.5	66.5	66.5	66.1	66.1	66.1	65.6	65.5	65.2	65.2	64.9	64.8	64.8	64.8	65.2	69.5
17		64.9	64.8	64.8	64.8	64.8	64.8	64.7	64.8	64.9	65.8	66.6	67.5	68.2	68.1	67.7	67.5	67.6	67.2	66.8	66.4	65.6	65.5	64.8	65.2	66.0
18		64.8	64.4	64.5	64.4	64.3	64.2	64.1	64.2	64.5	65.8	66.9	69.0	70.5	70.0	70.2	70.4	70.0	69.6	68.4	67.5	66.7	66.0	65.8	65.4	66.0
19		65.3	64.8	64.8	64.8	64.4	64.3	64.2	64.6	65.2	66.4	68.0	70.2	69.8	70.0	69.3	69.7	69.7	69.8	69.3	69.6	69.6	69.5	69.3	69.4	66.7
20		69.5	70.3	70.0	69.3	70.3	69.6	69.6	69.4	68.3	69.5	69.4	70.6	72.2	73.3	72.6	74.1	72.9	70.6	69.9	69.8	70.4	70.1	68.9	68.5	67.6
21		67.9	68.0	68.1	67.7	67.6	67.4	67.4	67.4	67.6	68.5	69.7	69.4	69.6	69.7	70.6	70.9	70.7	70.3	69.7	68.9	67.5	67.8	67.2	67.7	70.4
22		68.0	67.8	67.9	67.9	67.8	67.8	67.9	67.4	68.3	69.3	69.9	69.5	70.7	72.3	72.4	72.4	72.1	72.5	72.1	71.4	70.6	69.8	70.0	70.3	68.6
23		70.3	70.1	69.6	69.3	69.6	69.1	69.4	69.9	69.3	70.7	71.7	72.7	72.0	72.1	72.3	73.3	72.8	71.3	71.1	70.4	70.1	70.6	70.5	69.9	69.8
24		70.3	70.3	69.8	70.0	69.8	69.6	69.7	70.4	69.3	69.3	69.5	69.8	70.1	70.0	69.9	70.2	69.3	69.8	69.7	69.8	69.7	69.6	69.6	69.8	69.8
25		69.9	69.7	70.2	70.6	71.1	70.6	69.7	69.7	70.2	70.6	70.5	71.4	73.2	74.1	74.5	73.7	73.9	71.6	71.5	70.5	70.9	70.7	70.0	69.0	71.2
26		67.1	68.1	68.2	68.2	68.0	68.1	68.3	68.2	67.6	68.9	69.8	70.2	69.4	69.7	71.0	72.3	71.9	70.7	70.7	70.8	70.3	69.9	69.8	69.7	69.4
27		69.8	69.4	69.9	70.3	69.1	70.0	70.0	69.3	70.0	70.9	72.6	71.7	70.4	70.8	70.8	71.1	71.2	72.6	72.2	72.7	72.9	72.1	71.2	70.7	70.9
28		70.3	70.8	70.7	70.9	70.6	70.4	70.3	70.3	70.7	71.3	71.2	73.2	72.5	72.8	73.3	73.0	73.1	73.5	71.5	70.8	70.3	70.8	70.8	70.9	71.4
29		70.2	70.2	70.5	70.4	69.6	68.8	68.2	68.2	69.3	70.3	69.7	70.5	72.1	73.9	73.8	74.4	73.8	71.6	70.0	69.9	70.5	71.0	70.5	70.1	70.7
30		69.3	68.3	67.6	68.3	67.8	67.6	67.6	68.1	69.2	70.2	69.4	71.9	72.9	72.9	73.0	72.6	72.9	72.5	70.6	69.6	69.5	70.1	70.0	69.8	70.1
31		70.8	70.4	69.6	68.8	68.9	68.6	68.5	68.9	70.3	70.3	70.7	71.4	72.7	73.5	73.8	72.9	71.0	69.9	69.9	69.9	70.4	70.1	69.9	71.2	70.5
AVG		67.5	67.4	67.2	67.1	67.1	66.9	66.8	66.8	67.0	67.9	68.6	69.4	69.8	70.4	70.6	70.7	70.6	69.9	69.2	68.7	68.5	68.3	68.0	67.9	68.4
HOURS		31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	743

TOTAL HOURS	= 744	TOTAL AVERAGE	= 68.4
NUMBER OF GOOD HOURS	= 743	HIGHEST HOURLY VALUE	= 74.5
NUMBER OF MISSING HOURS	= 1	2nd HIGH HOURLY VALUE	= 74.4
DATA CAPTURE (PERCENT)	= 99.9	MINIMUM REPORTED VALUE	= 62.9
STANDARD DEVIATION	= 2.6		

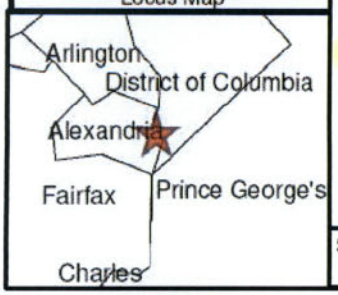
NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

Appendix F

Satellite View of the Ambient Air Quality and Meteorological Network

Locus Map



Legend

- Modeled Impact Areas
- SO_2 Monitoring Sites

Mirant Potomac River Generating Station

SO_2 and Meteorological Monitor Sites Around Potomac River Generating Station

MIRANT

ENSR INTERNATIONAL

Scale 0 0.25 0.5 1 Kilometers

U.S. Locations

AK, Anchorage
(907) 561-5700

AL, Birmingham
(205) 980-0054

AL, Florence
(256) 767-1210

CA, Alameda
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CA, Camarillo
(805) 388-3775

CA, Orange
(714) 973-9740

CA, Sacramento
(916) 362-7100

CO, Ft. Collins
(970) 493-8878

CO, Ft. Collins Tox Lab.
(970) 416-0916

CT, Stamford
(203) 323-6620

CT, Willington
(860) 429-5323

FL, St. Petersburg
(727) 577-5430

FL, Tallahassee
(850) 385-5006

GA, Norcross
(770) 381-1836

IL, Chicago
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(978) 772-2345

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PA, Pittsburgh
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RI, Providence
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SC, Columbia
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TX, Dallas
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TX, Houston
(713) 520-9900

TX, San Antonio
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VA, Chesapeake
(757) 312-0063

VA, Glen Allen
(804) 290-7920

WA, Redmond
(425) 881-7700

WI, Milwaukee
(262) 523-2040

Headquarters
MA, Westford
(978) 589-3000

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